

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085597.D
 Acq On : 20 Mar 2016 4:48
 Operator : UM/SJ
 Sample : H1790-05MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Quant Time: Mar 21 00:17:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126016	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	492041	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	212182	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	344423	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	236359	20.00	ng	0.00
86) Perylene-d12	15.44	264	237405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	970324	129.33	ng	0.02
7) Phenol-d6	6.49	99	1075356	111.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	763093	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	285061	137.15	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1291366	113.05	ng	-0.01
78) Terphenyl-d14	12.96	244	980561	99.83	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	130879	35.89	ng	# 87
3) Pyridine	3.33	79	289579	32.34	ng	99
4) n-Nitrosodimethylamine	3.26	42	152900	40.90	ng	98
6) Aniline	6.52	93	191793	14.84	ng	# 80
8) 2-Chlorophenol	6.64	128	386018	44.48	ng	98
9) Benzaldehyde	6.40	77	52623	8.72	ng	98
10) Phenol	6.50	94	370341	33.79	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	371801	45.00	ng	99
12) 1,3-Dichlorobenzene	7.03	146	348922	36.89	ng	100
13) 1,4-Dichlorobenzene	6.87	146	377473	39.13	ng	98
14) 1,2-Dichlorobenzene	7.03	146	349152	40.76	ng	97
15) Benzyl Alcohol	7.00	79	292873	44.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	434373	39.98	ng	97
17) 2-Methylphenol	7.11	107	305852	42.51	ng	99
18) Hexachloroethane	7.36	117	136898	39.30	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	229267	39.89	ng	92
20) 3+4-Methylphenols	7.27	107	354690	42.57	ng	95
22) Acetophenone	7.27	105	480887	41.18	ng	# 95
24) Nitrobenzene	7.44	77	422344	45.52	ng	93
25) Isophorone	7.68	82	742225	43.73	ng	95
26) 2-Nitrophenol	7.76	139	201352	43.91	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	334377	41.23	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	433621	44.92	ng	99
29) 2,4-Dichlorophenol	8.00	162	310343	46.34	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	312763	41.70	ng	97
31) Naphthalene	8.16	128	1122402	45.19	ng	100
32) Benzoic acid	7.92	122	201557	29.73	ng	97
33) 4-Chloroaniline	8.21	127	73230	7.19	ng	# 94
34) Hexachlorobutadiene	8.28	225	160823	40.23	ng	98
35) Caprolactam	8.62	113	20530	8.91	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	330103	42.21	ng	98
37) 2-Methylnaphthalene	8.85	142	717222	47.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	268969	41.79	ng	98
40) Hexachlorocyclopentadiene	9.01	237	148498	51.19	ng	99

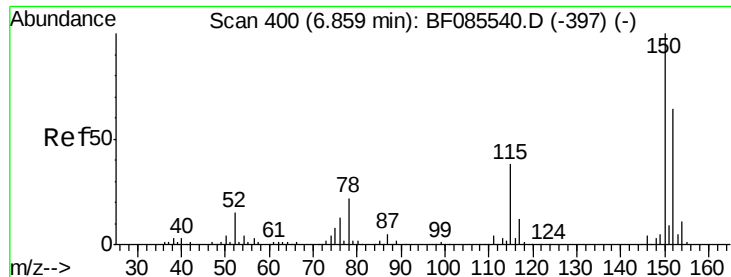
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	205973	46.75	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	214505	47.84	ng #	92
45) 1,1'-Biphenyl	9.32	154	738473	40.34	ng	99
46) 2-Chloronaphthalene	9.34	162	574380	42.96	ng #	92
47) 2-Nitroaniline	9.44	65	210342	52.00	ng	88
48) Acenaphthylene	9.76	152	1012381	46.79	ng	99
49) Dimethylphthalate	9.62	163	787137	49.16	ng	100
50) 2,6-Dinitrotoluene	9.68	165	156817	46.39	ng	92
51) Acenaphthene	9.93	154	640917	47.20	ng	100
52) 3-Nitroaniline	9.84	138	80870	19.10	ng	84
53) 2,4-Dinitrophenol	9.96	184	67136	32.42	ng	91
54) Dibenzofuran	10.10	168	887556	53.68	ng	97
55) 4-Nitrophenol	10.01	139	204391	62.47	ng	91
56) 2,4-Dinitrotoluene	10.08	165	196881	44.49	ng #	50
57) Fluorene	10.45	166	643528	46.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	154301	47.79	ng	99
59) Diethylphthalate	10.32	149	764648	48.03	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	315911	46.94	ng	91
61) 4-Nitroaniline	10.46	138	143357	34.35	ng	89
62) Azobenzene	10.60	77	767509	50.24	ng	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	55429	25.15	ng	80
65) n-Nitrosodiphenylamine	10.55	169	544678	50.77	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	184184	53.53	ng #	89
67) Hexachlorobenzene	11.00	284	184843	50.57	ng #	86
68) Atrazine	11.09	200	191323	58.57	ng	95
69) Pentachlorophenol	11.19	266	176992	79.75	ng	99
70) Phenanthrene	11.41	178	890039	49.01	ng	99
71) Anthracene	11.45	178	858964	45.11	ng	99
72) Carbazole	11.61	167	781697	47.58	ng	98
73) Di-n-butylphthalate	11.95	149	1062861	51.67	ng	98
74) Fluoranthene	12.59	202	715087	37.61	ng	97
76) Benzidine	12.71	184	242899	30.56	ng	98
77) Pyrene	12.81	202	714981	42.13	ng	99
79) Butylbenzylphthalate	13.43	149	338174	41.80	ng #	73
80) Benzo(a)anthracene	14.00	228	656171	47.82	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	112280	22.33	ng #	97
82) Chrysene	14.04	228	511651	38.76	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	453043	45.08	ng #	98
84) Di-n-octyl phthalate	14.61	149	827064	50.50	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	629350	57.05	ng	99
87) Benzo(b)fluoranthene	15.03	252	648981	41.90	ng	98
88) Benzo(k)fluoranthene	15.03	252	648981	50.85	ng	98
89) Benzo(a)pyrene	15.39	252	637932	48.58	ng #	96
90) Dibenzo(a,h)anthracene	16.86	278	549370	50.16	ng	97
91) Benzo(g,h,i)perylene	17.26	276	488921	46.12	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

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GRID-8A-(0-10)MS

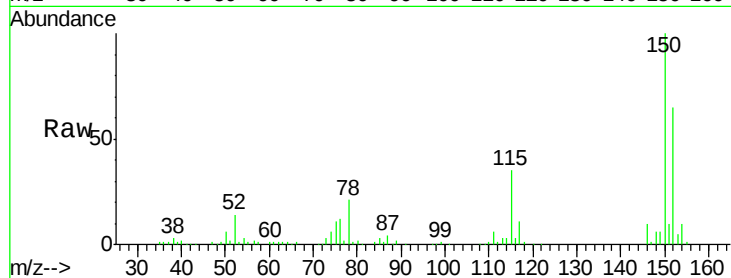
Tgt Ion:152 Resp: 126016

Ion Ratio Lower Upper

152 100

150 153.8 124.2 186.2

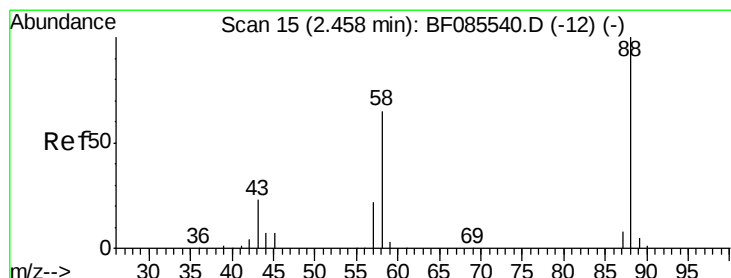
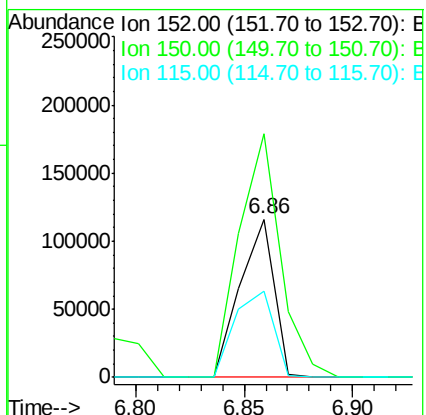
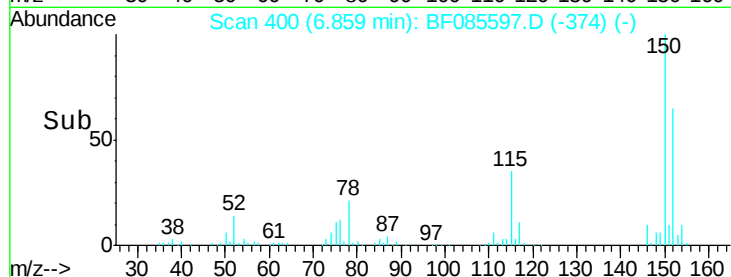
115 54.5 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.89 ng

RT: 2.64 min Scan# 31

Delta R.T. 0.18 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

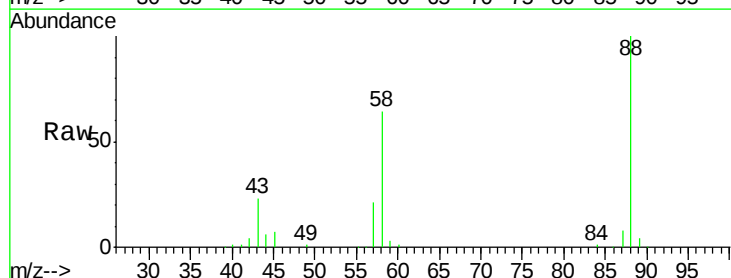
Tgt Ion: 88 Resp: 130879

Ion Ratio Lower Upper

88 100

58 67.9 54.2 81.2

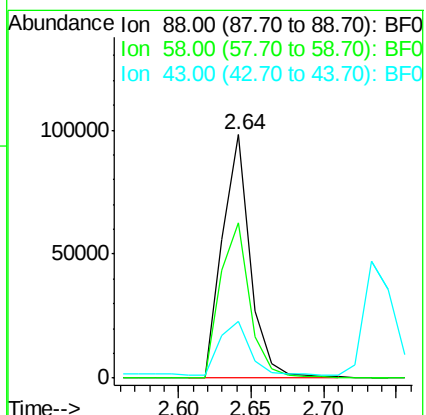
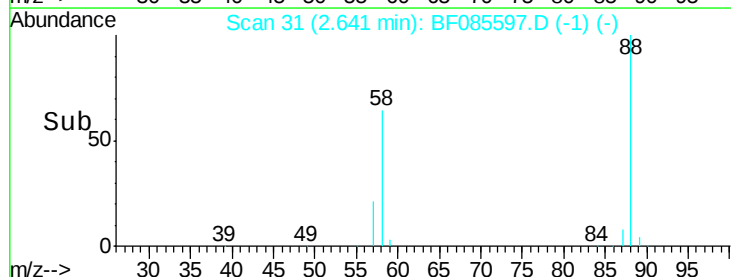
43 0.0 19.3 28.9#

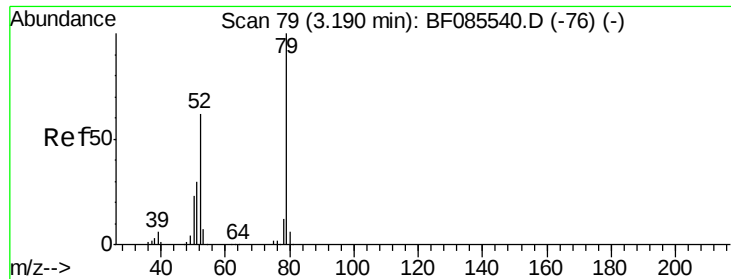


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

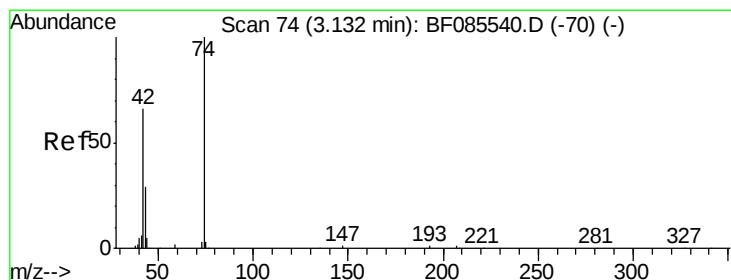
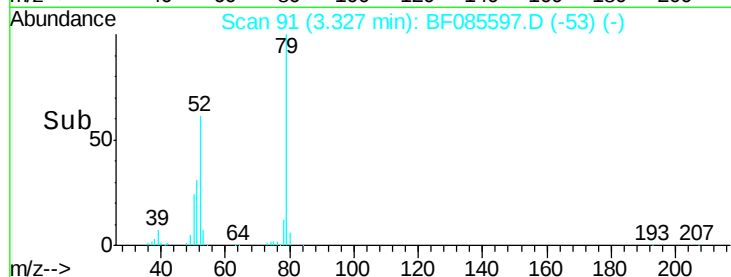
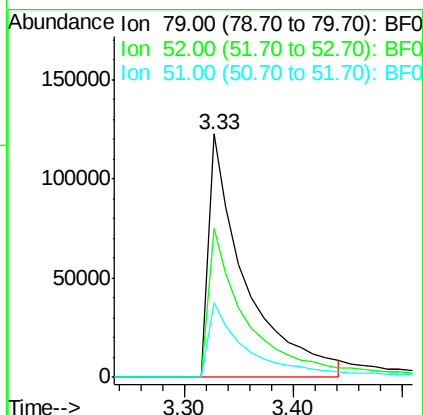
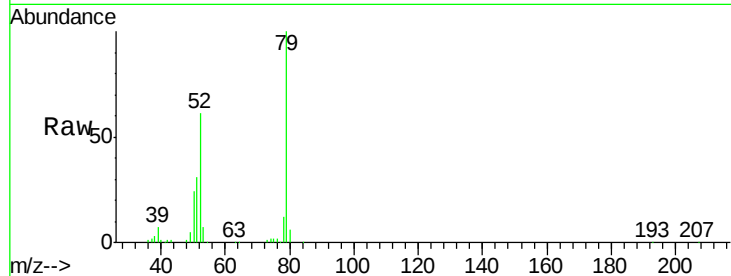




#3
 Pyridine
 Concen: 32.34 ng
 RT: 3.33 min Scan# 91
 Delta R.T. 0.14 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

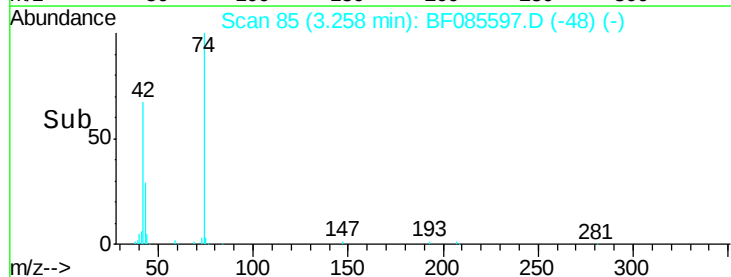
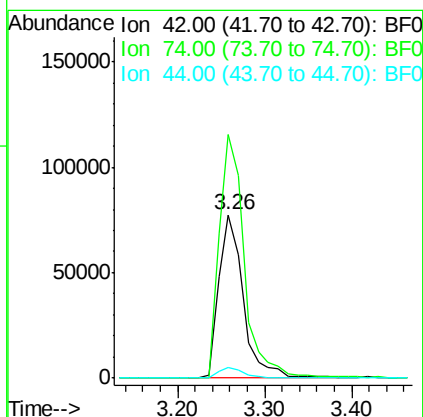
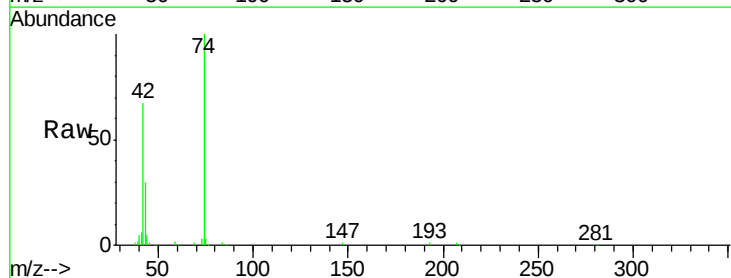
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

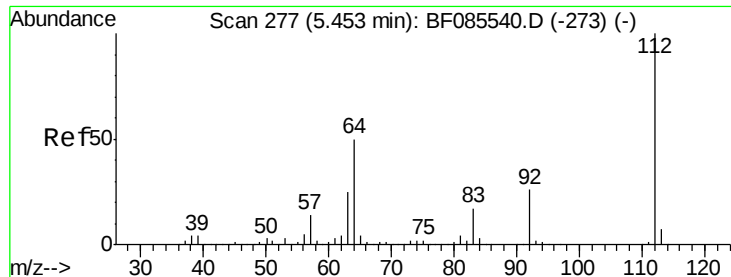
Tgt Ion: 79 Resp: 289579
 Ion Ratio Lower Upper
 79 100
 52 61.1 49.8 74.6
 51 30.5 24.7 37.1



#4
 n-Nitrosodimethylamine
 Concen: 40.90 ng
 RT: 3.26 min Scan# 85
 Delta R.T. 0.13 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion: 42 Resp: 152900
 Ion Ratio Lower Upper
 42 100
 74 148.9 121.4 182.2
 44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 129.33 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.02 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

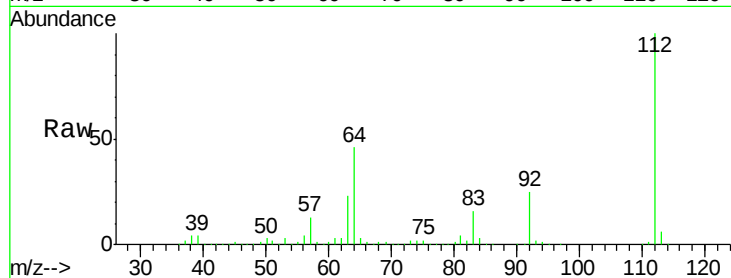
Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

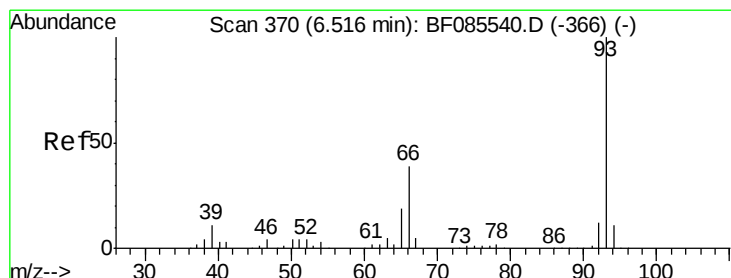
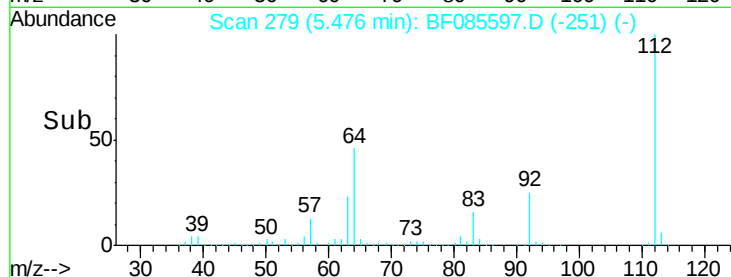
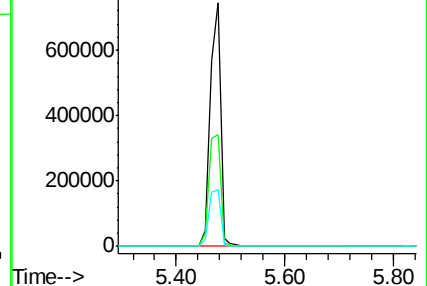
Tgt Ion:	112	Resp:	970324
Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.9	59.9
63	23.1	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.84 ng

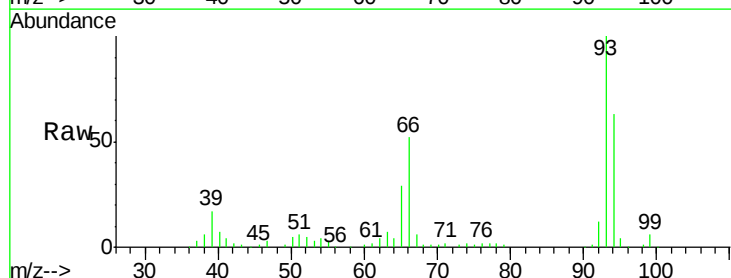
RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

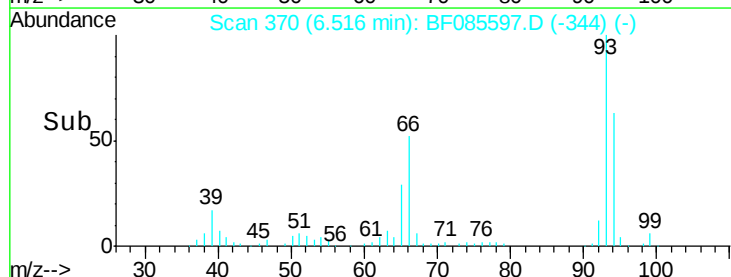
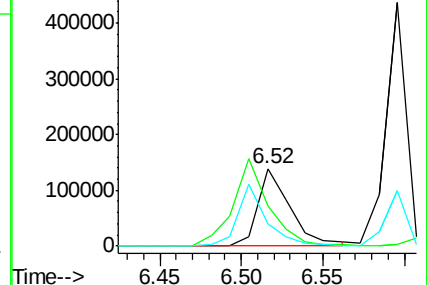
Tgt Ion:	93	Resp:	191793
Ion	Ratio	Lower	Upper
93	100		
66	51.5	31.4	47.2#
65	29.0	15.7	23.5#

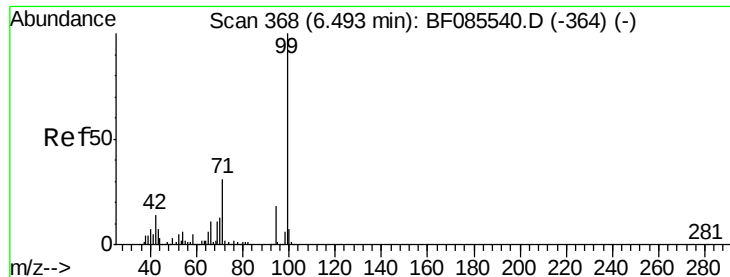


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.76 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085597.D

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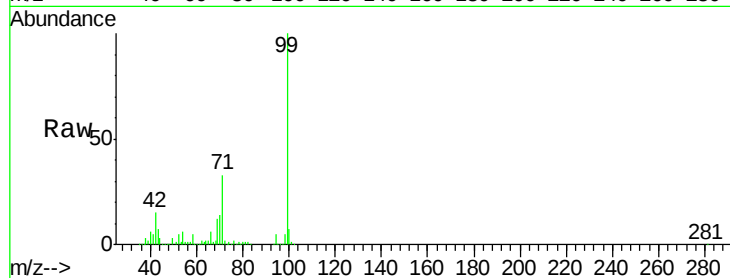
Tgt Ion: 99 Resp: 1075356

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

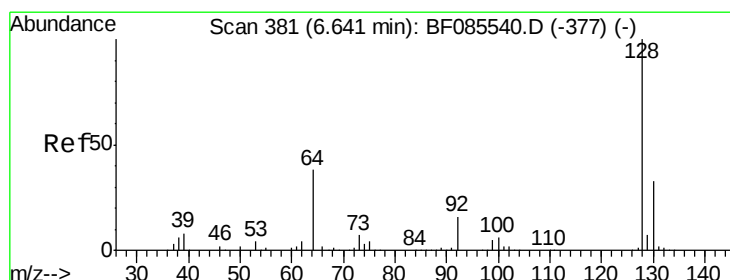
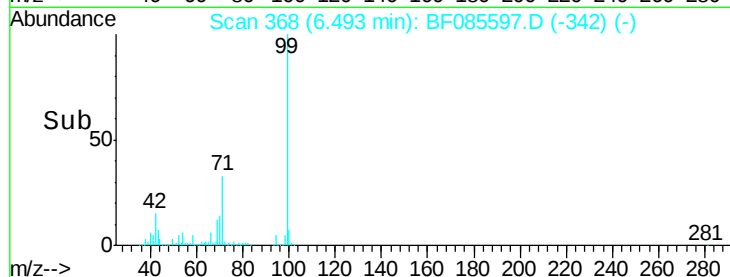
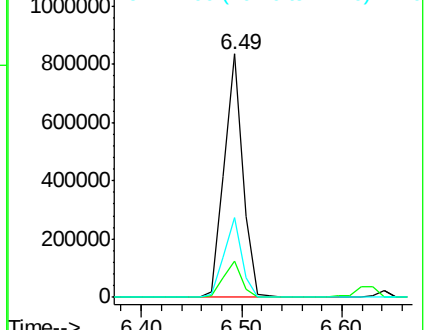
71 32.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.48 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

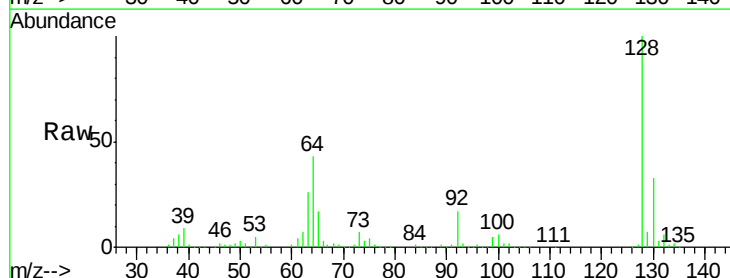
Tgt Ion: 128 Resp: 386018

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

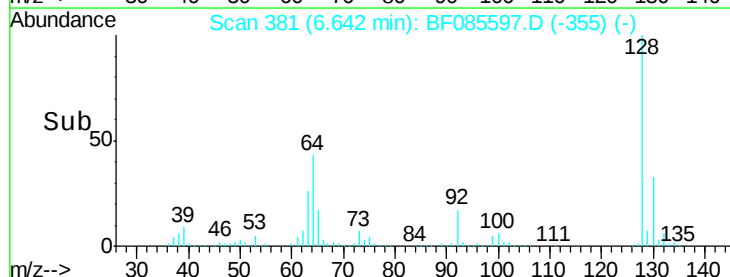
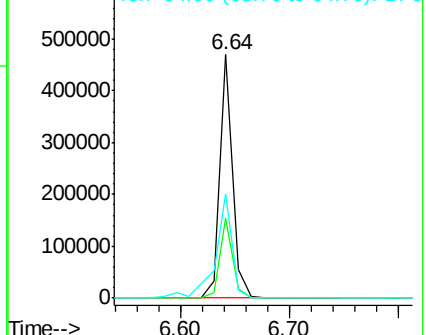
64 42.6 20.2 60.2

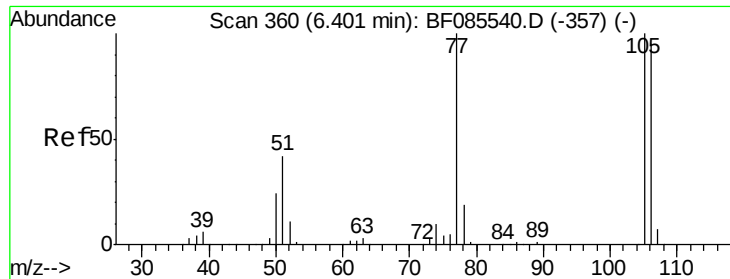


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.72 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

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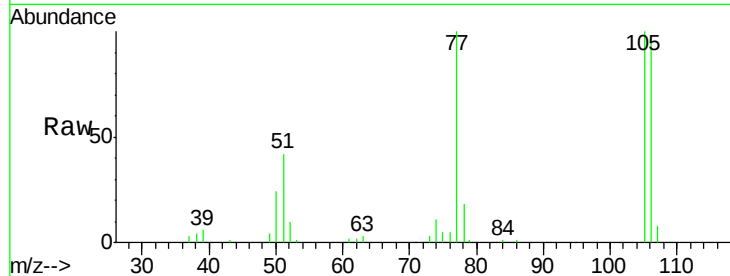
Tgt Ion: 77 Resp: 52623

Ion Ratio Lower Upper

77 100

105 99.8 80.1 120.1

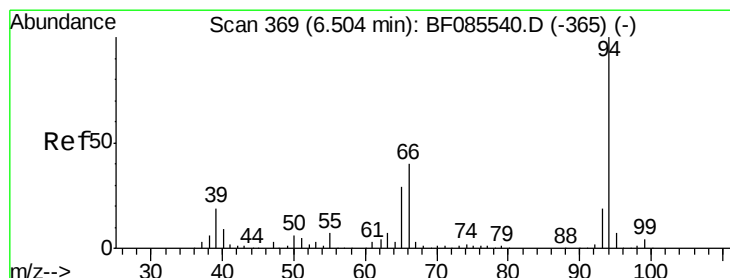
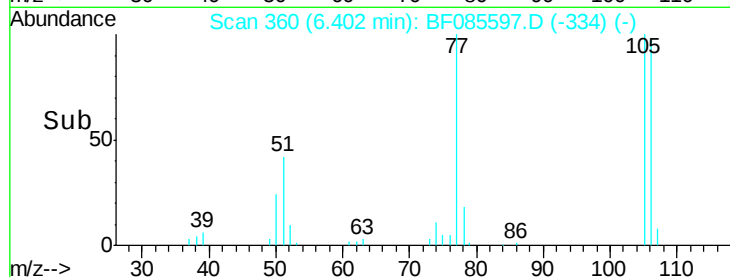
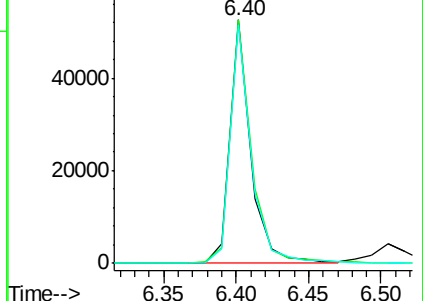
106 97.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.79 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

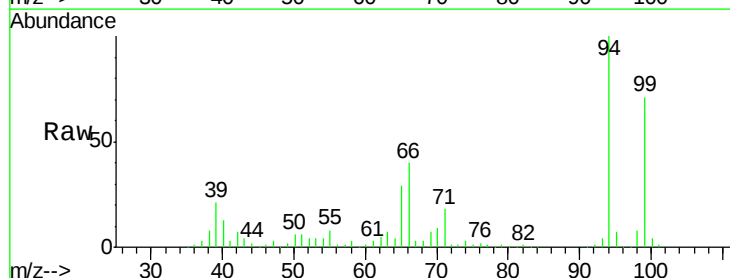
Tgt Ion: 94 Resp: 370341

Ion Ratio Lower Upper

94 100

65 28.6 8.6 48.6

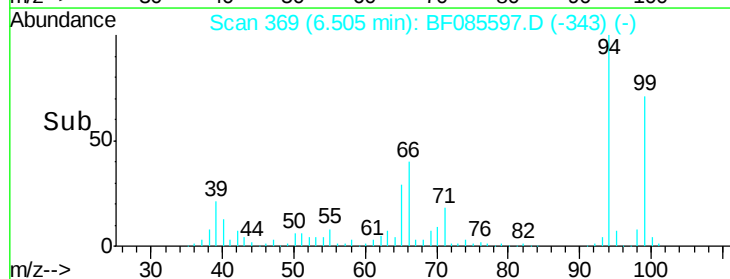
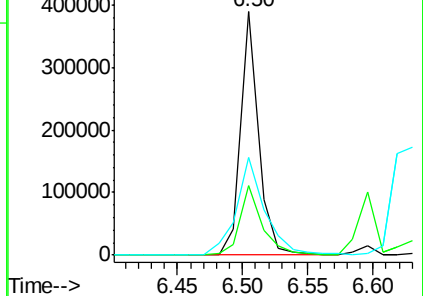
66 40.4 20.0 60.0

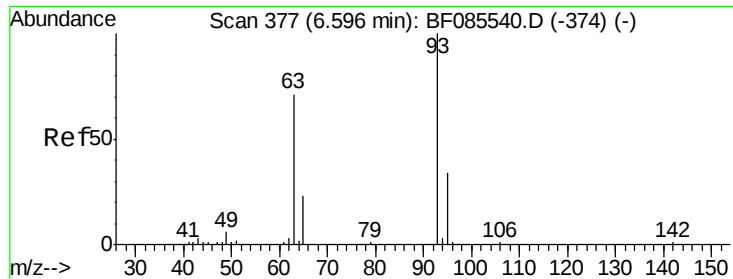


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

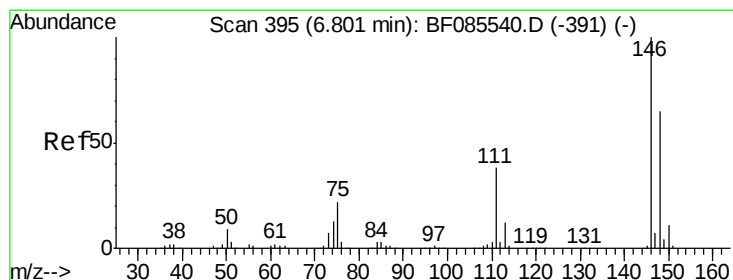
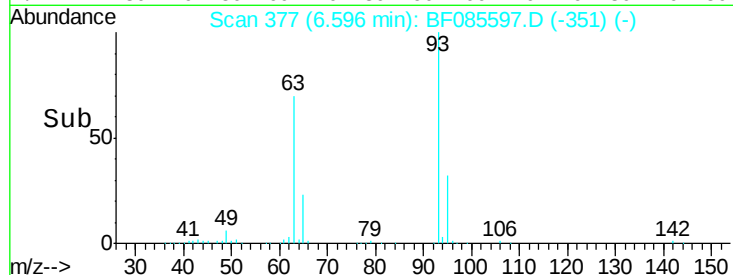
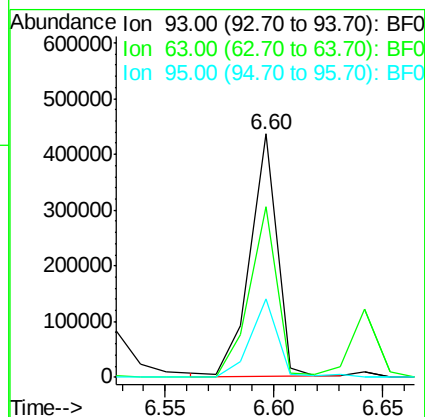
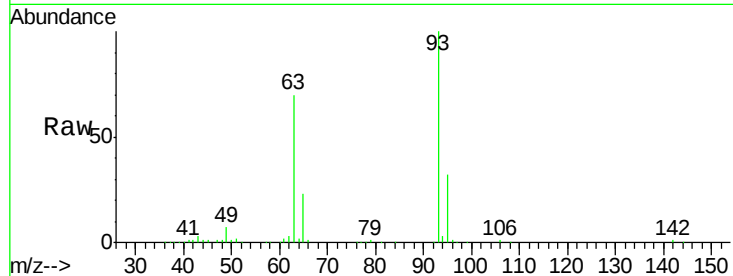




#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

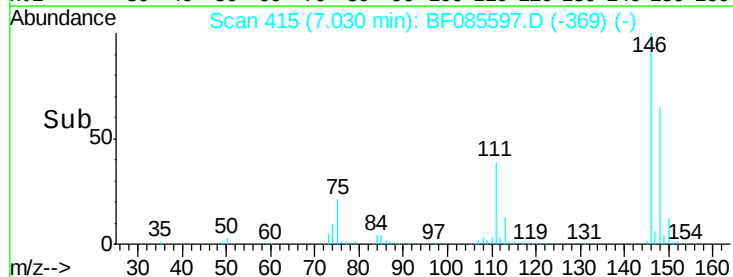
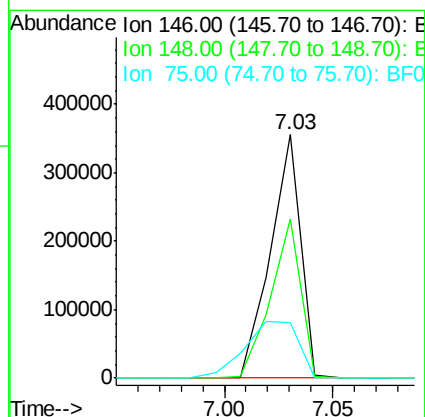
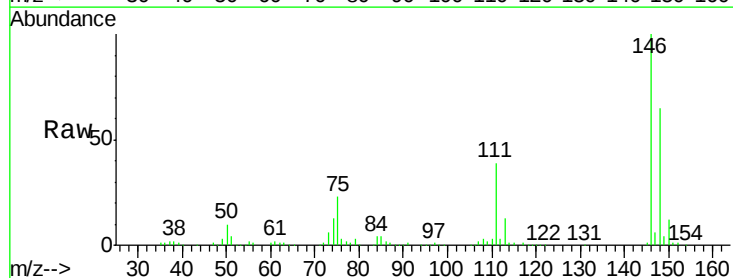
Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

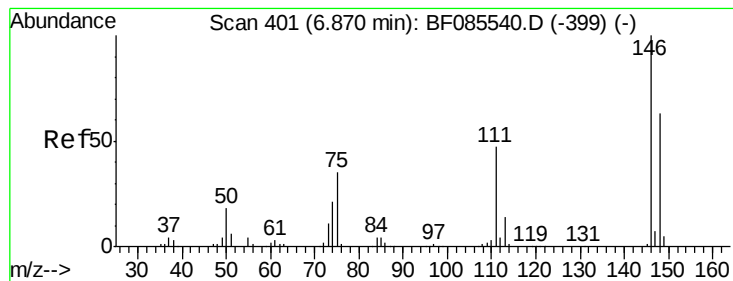
Tgt Ion: 93 Resp: 371801
Ion Ratio Lower Upper
93 100
63 70.1 50.9 90.9
95 32.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.89 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion: 146 Resp: 348922
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 22.6 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 39.13 ng

RT: 6.87 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

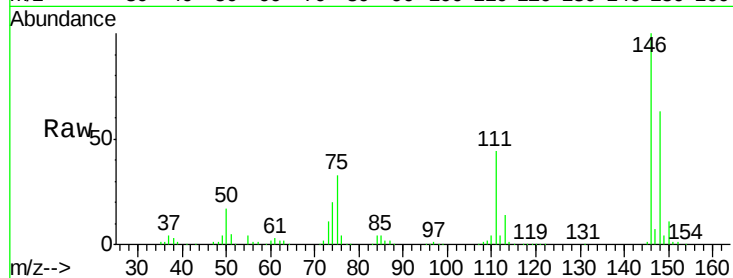
Tgt Ion:146 Resp: 377473

Ion Ratio Lower Upper

146 100

148 62.6 50.6 76.0

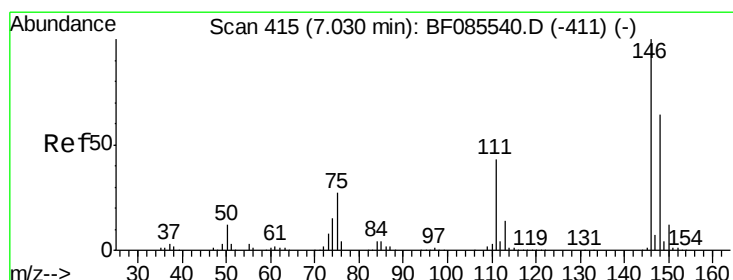
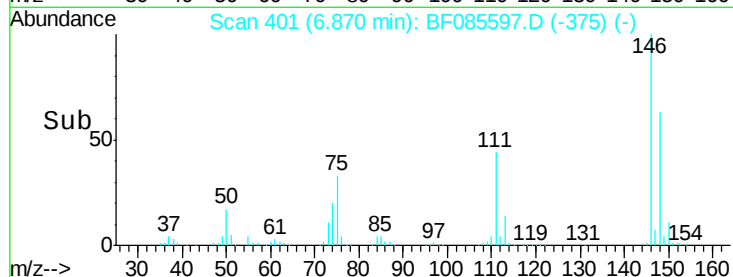
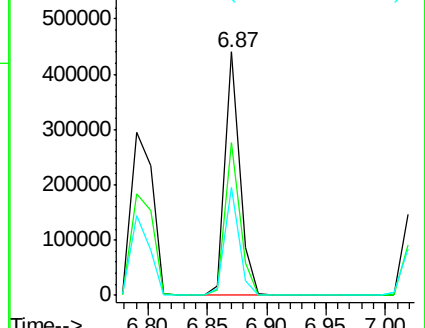
111 44.4 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.76 ng

RT: 7.03 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

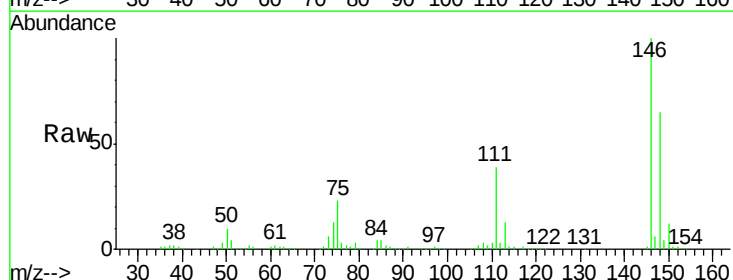
Tgt Ion:146 Resp: 349152

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.2

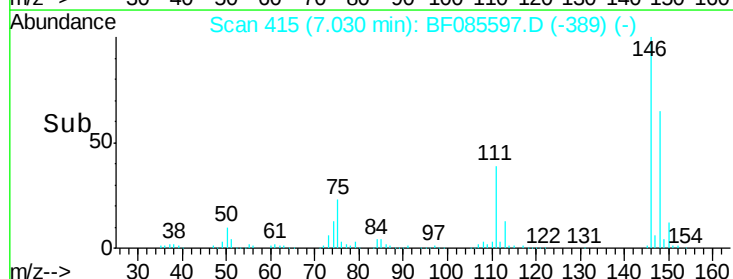
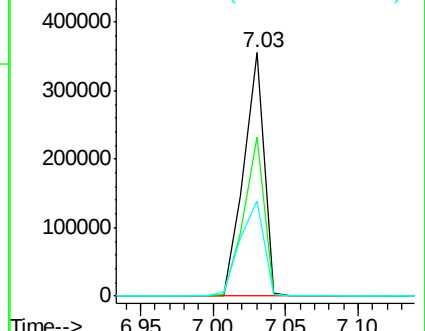
111 39.2 34.6 52.0

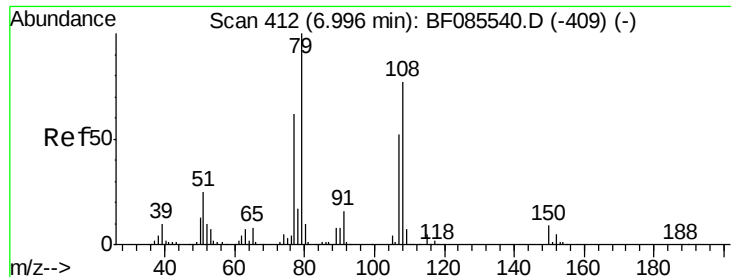


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.44 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

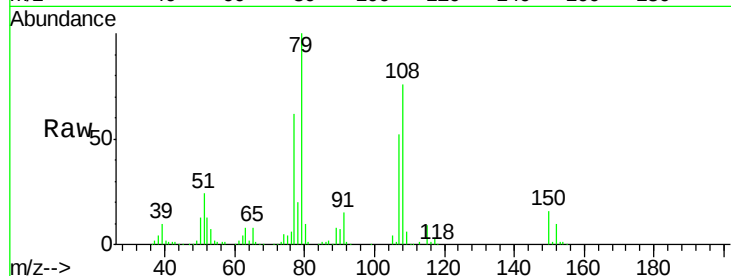
Tgt Ion: 79 Resp: 292873

Ion Ratio Lower Upper

79 100

108 76.4 61.8 92.6

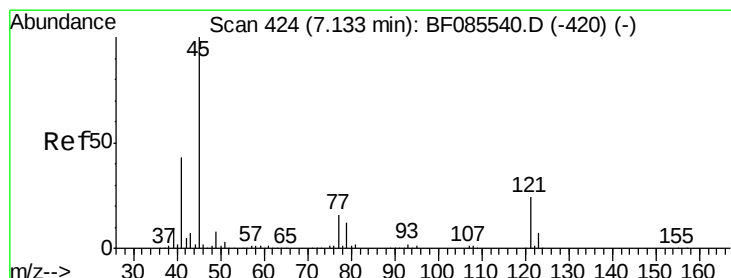
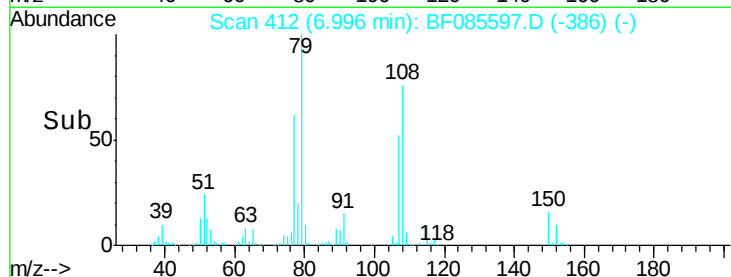
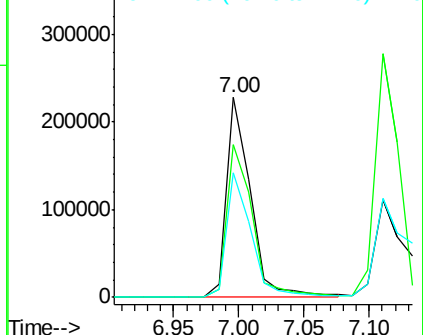
77 62.5 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.98 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

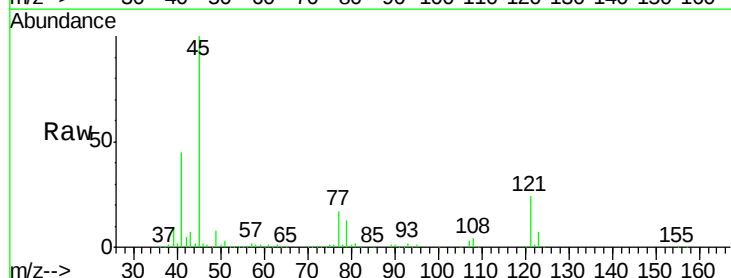
Tgt Ion: 45 Resp: 434373

Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.7

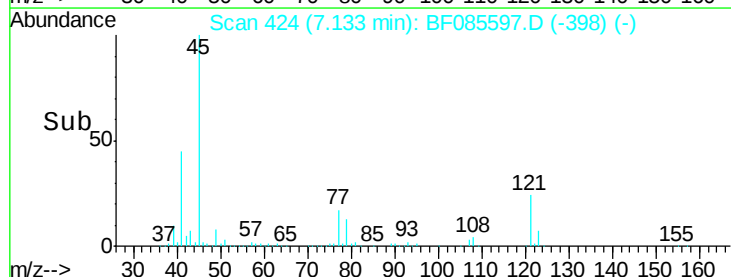
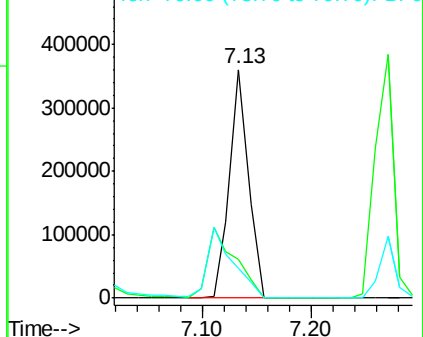
79 13.3 0.0 32.2

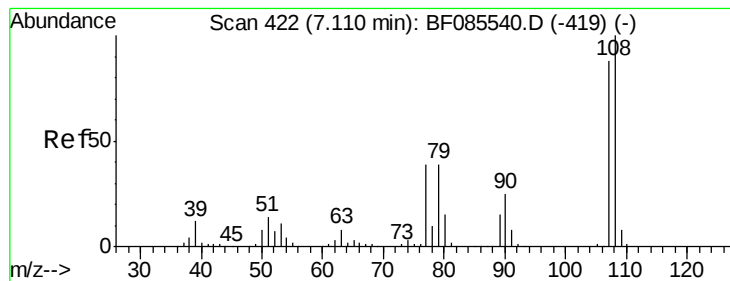


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.51 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

Tgt Ion:107 Resp: 305852

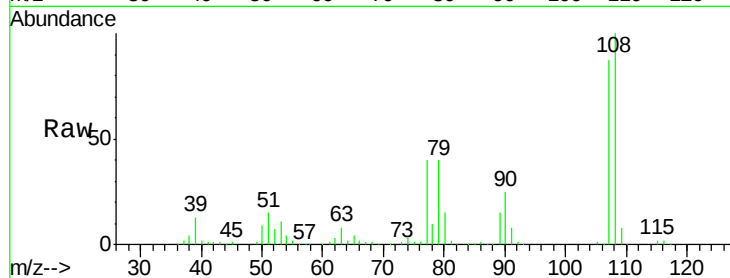
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 46.3 36.2 54.2

79 46.1 35.8 53.8

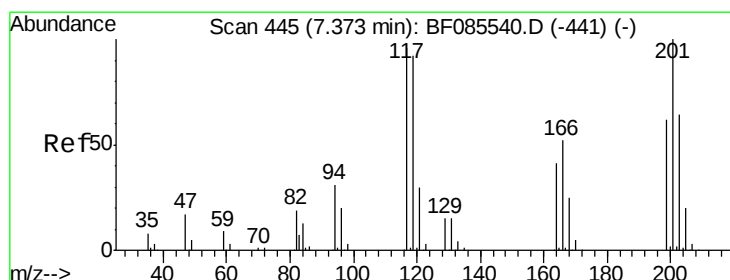
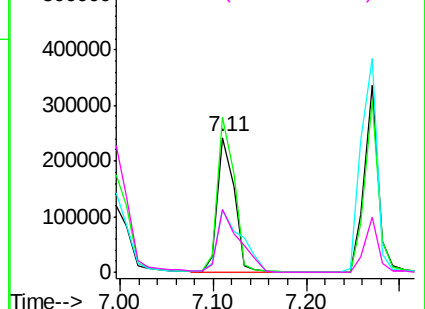
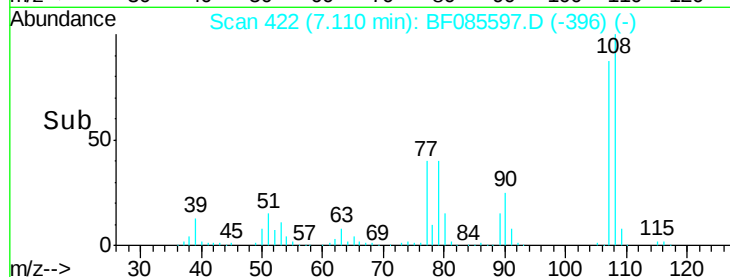


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.30 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

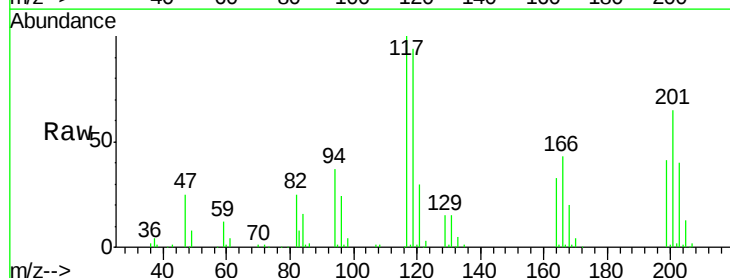
Tgt Ion:117 Resp: 136898

Ion Ratio Lower Upper

117 100

119 94.5 76.7 115.1

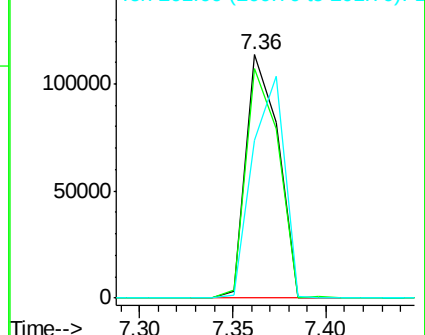
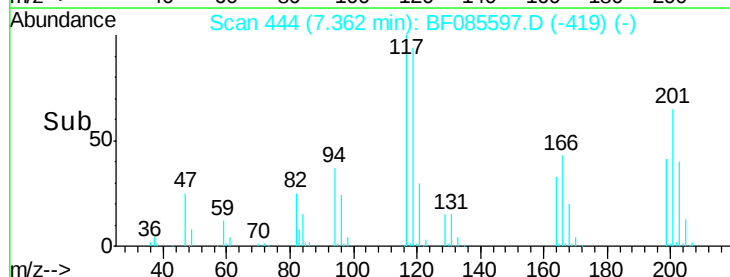
201 64.9 83.3 124.9#

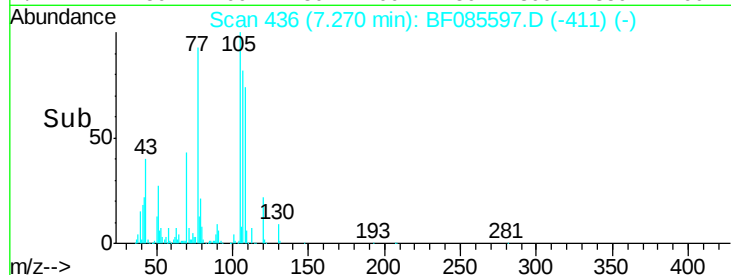
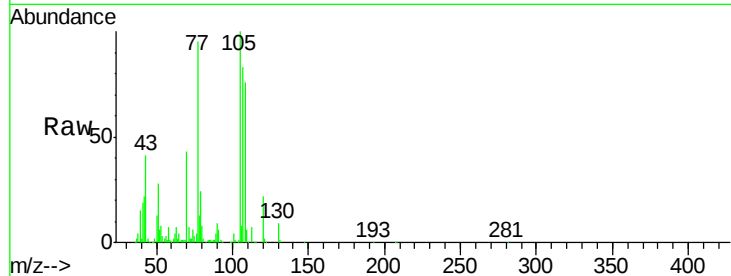
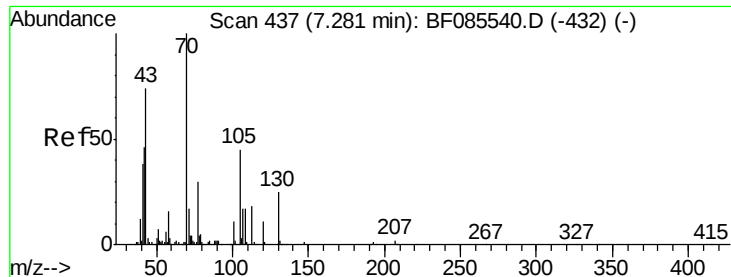


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

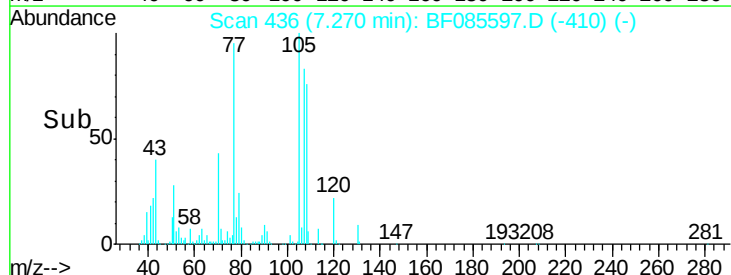
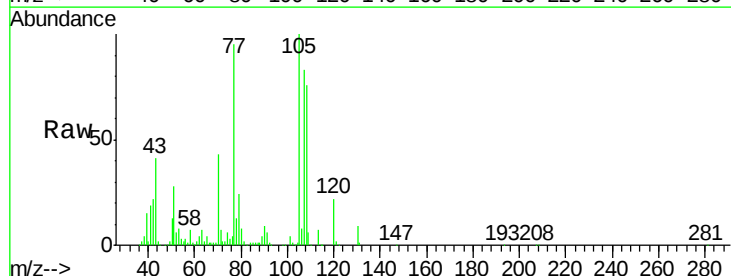
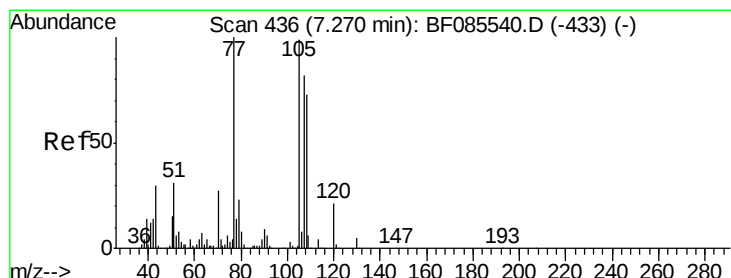
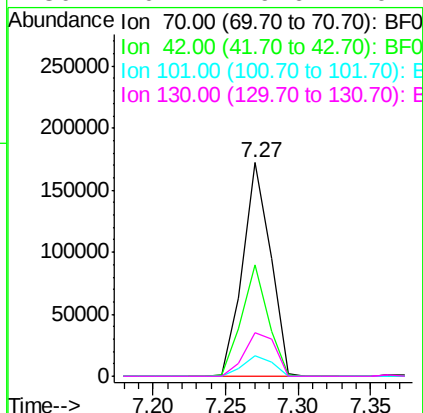




#19
n-Nitroso-di-n-propylamine
Concen: 39.89 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

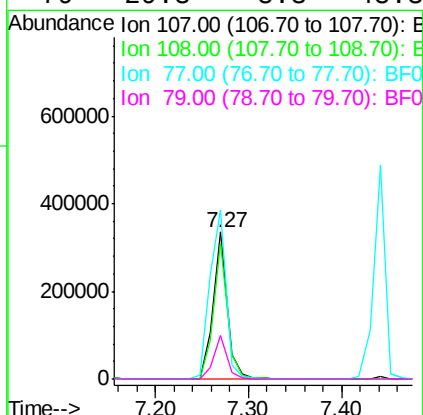
Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

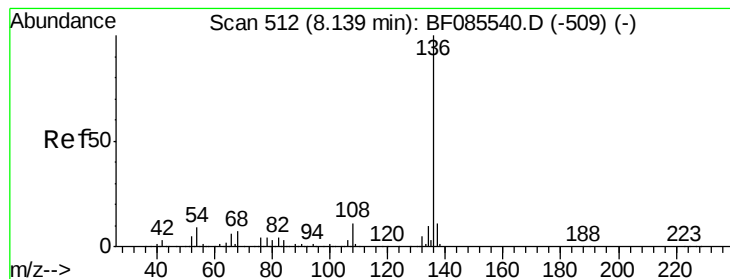
Tgt Ion:	70	Resp:	229267
Ion	Ratio	Lower	Upper
70	100		
42	52.4	37.1	55.7
101	9.4	8.6	12.8
130	20.4	19.6	29.4



#20
3+4-Methylphenols
Concen: 42.57 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:	107	Resp:	354690
Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.3	109.3
77	114.5	101.7	141.7
79	29.3	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

Tgt Ion:136 Resp: 492041

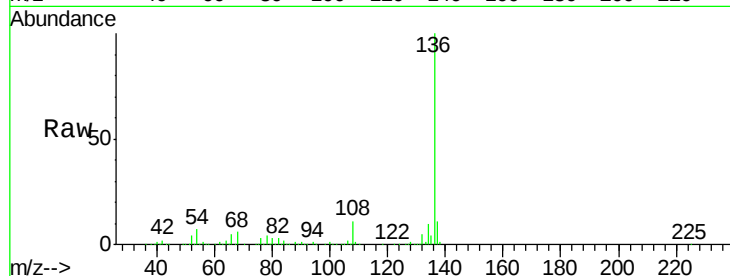
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 7.4 11.0#

68 6.0 5.8 8.8

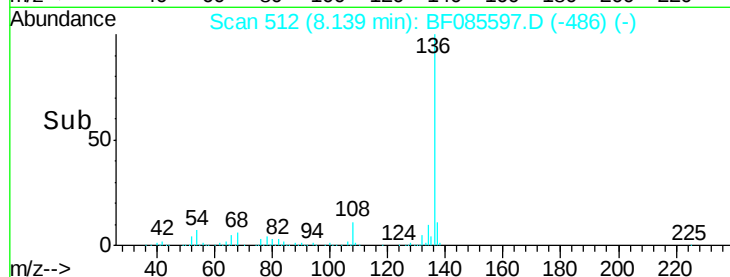


Abundance Ion 136.00 (135.70 to 136.70): E

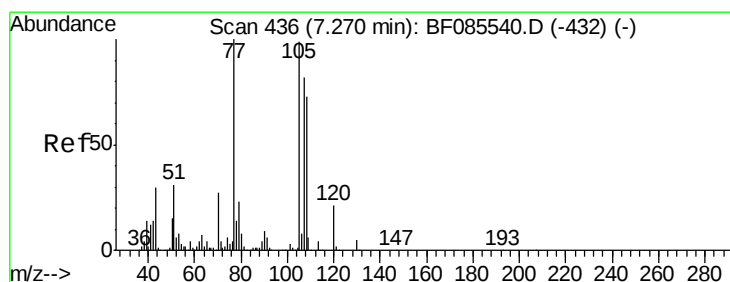
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.18 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Tgt Ion:105 Resp: 480887

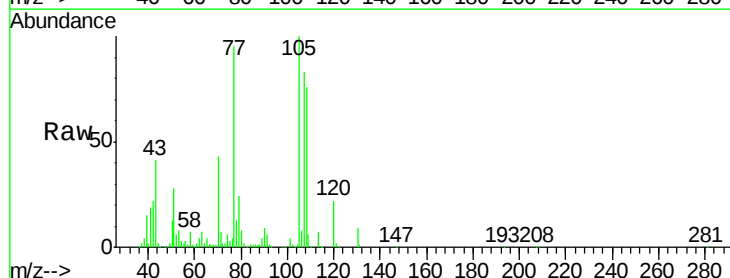
Ion Ratio Lower Upper

105 100

71 7.2 3.6 5.4#

51 28.2 25.4 38.0

120 21.7 16.9 25.3

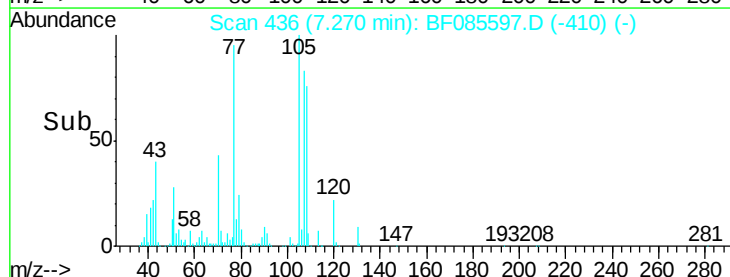


Abundance Ion 105.00 (104.70 to 105.70): E

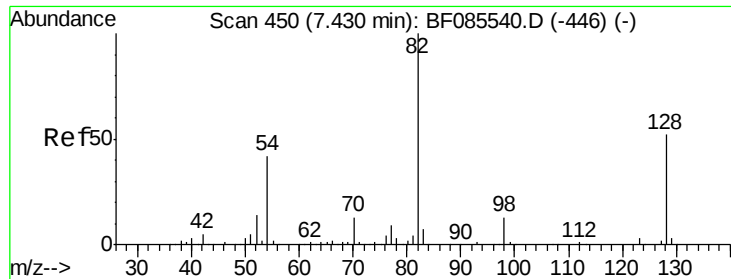
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



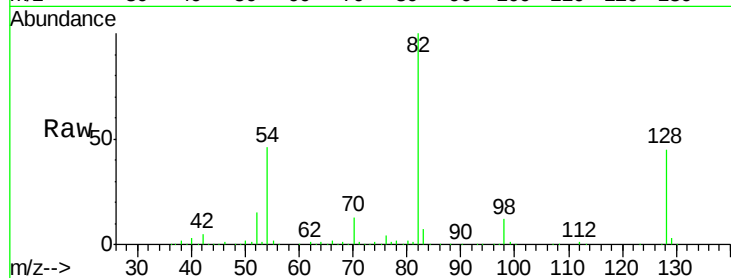
Time-->



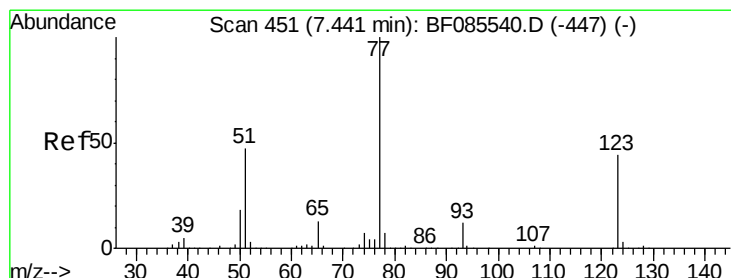
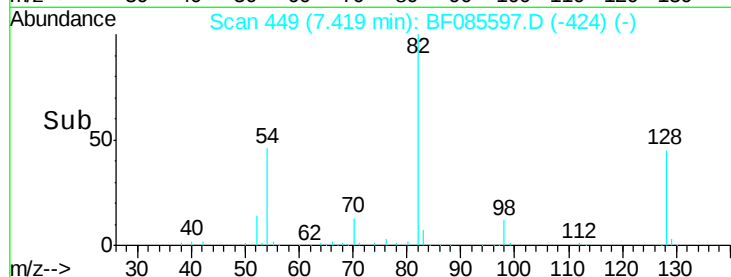
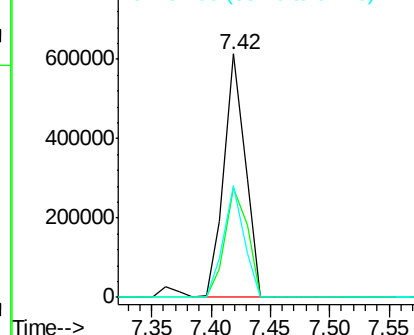
#23
 Nitrobenzene-d5
 Concen: 90.02 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	41.8	62.8
54	46.1	33.4	50.0

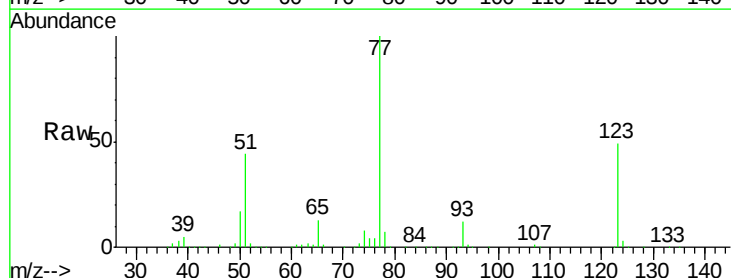


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

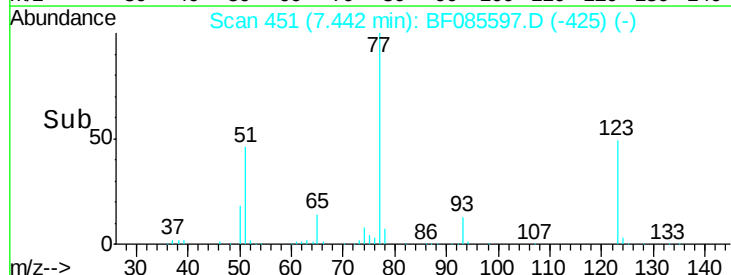
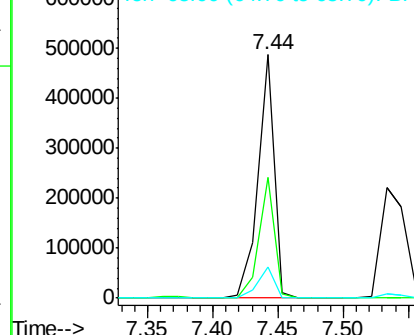


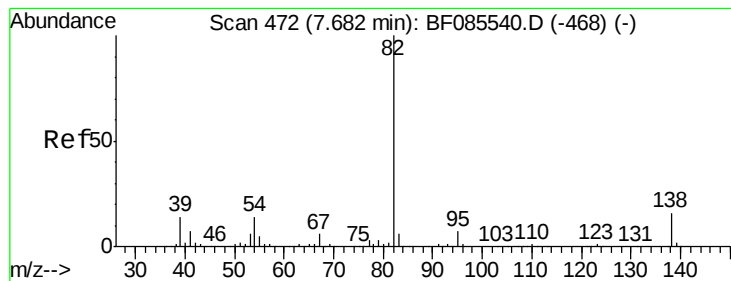
#24
 Nitrobenzene
 Concen: 45.52 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	35.0	52.4
65	12.8	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.73 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

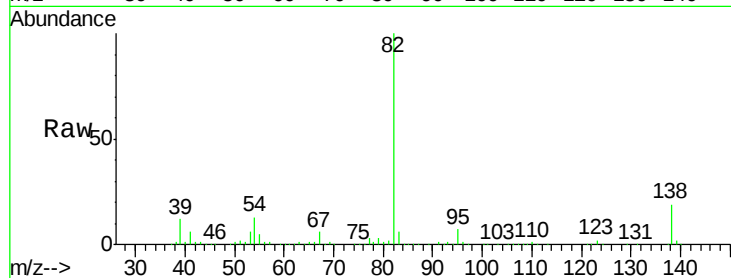
Tgt Ion: 82 Resp: 742225

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

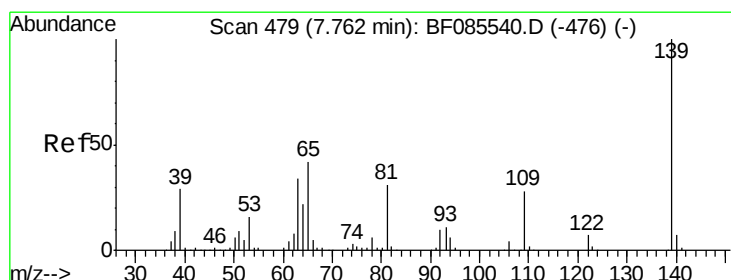
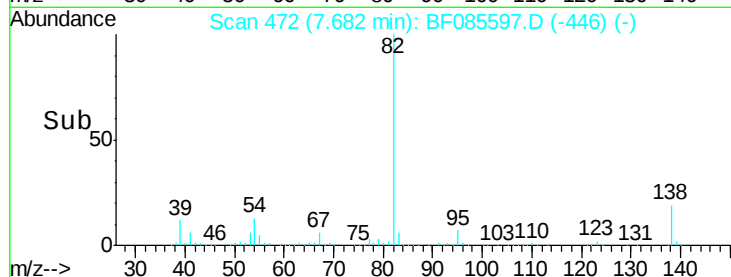
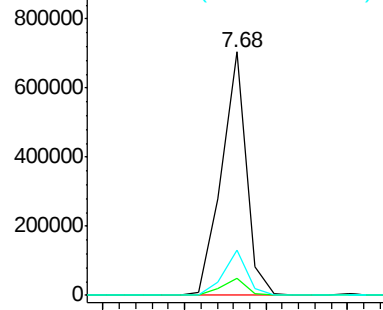
138 18.7 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.91 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

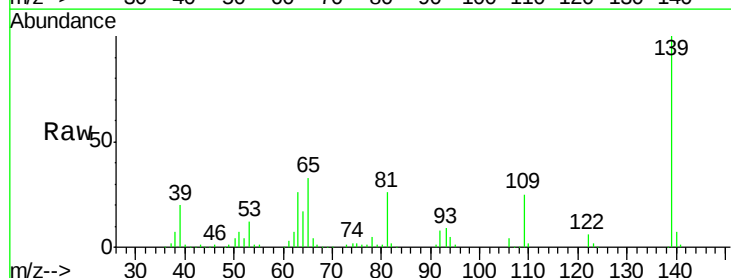
Tgt Ion: 139 Resp: 201352

Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

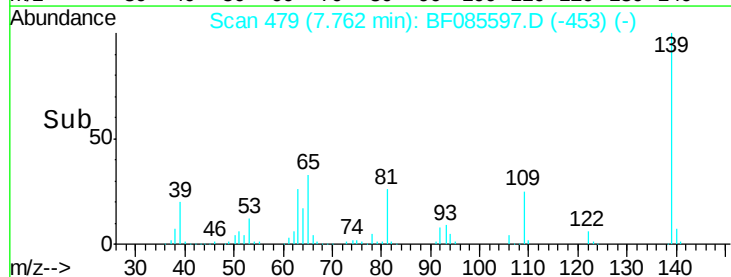
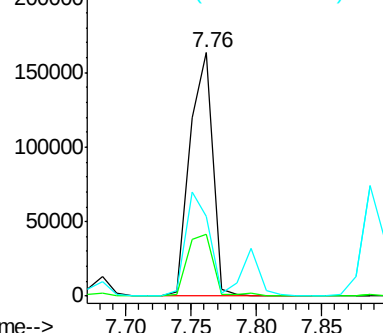
65 32.7 33.9 50.9#

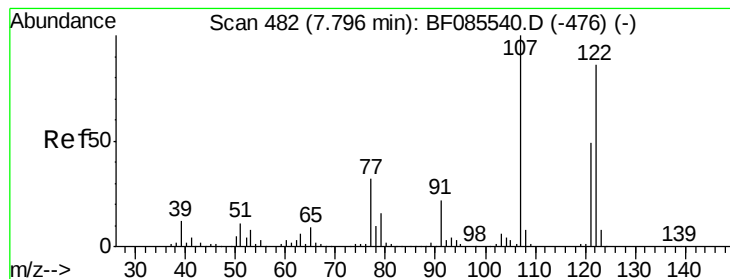


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.23 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

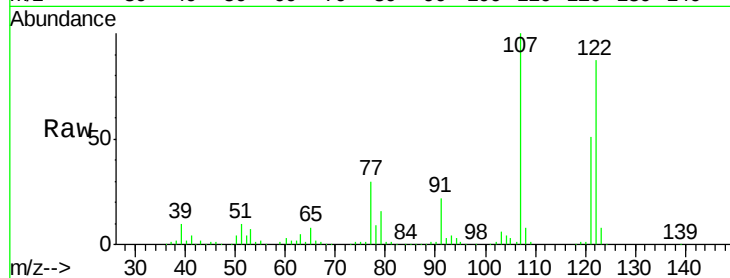
Tgt Ion:122 Resp: 334377

Ion Ratio Lower Upper

122 100

107 114.8 93.0 139.6

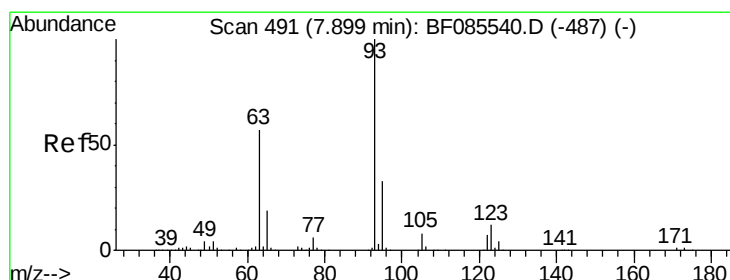
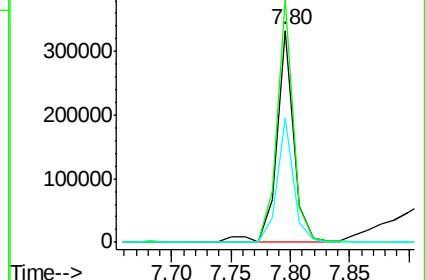
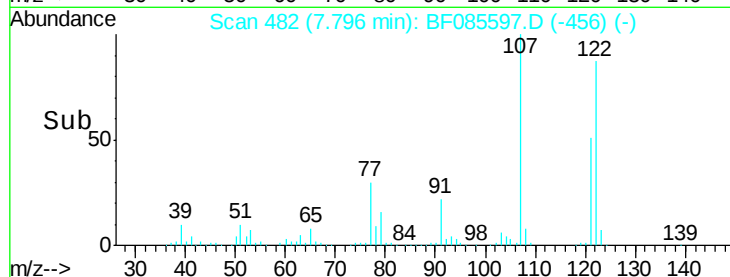
121 58.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.92 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

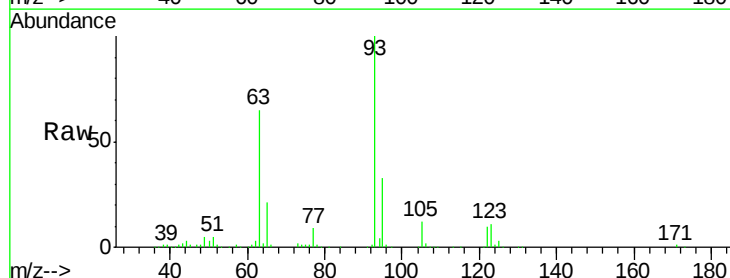
Tgt Ion: 93 Resp: 433621

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

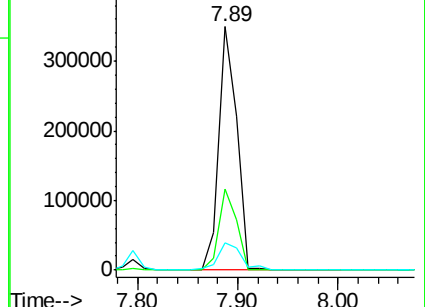
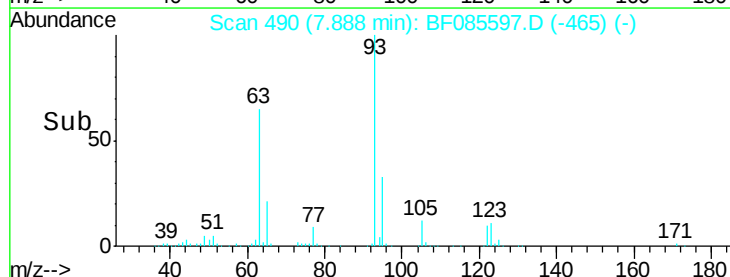
123 11.0 9.8 14.6

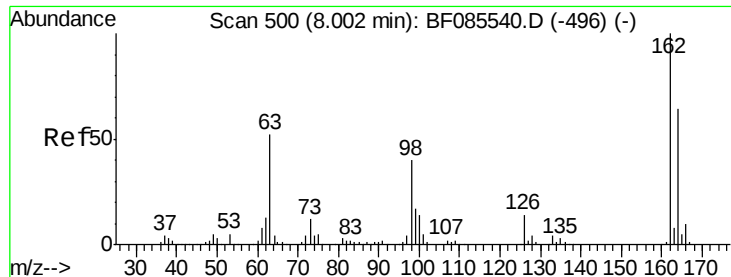


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

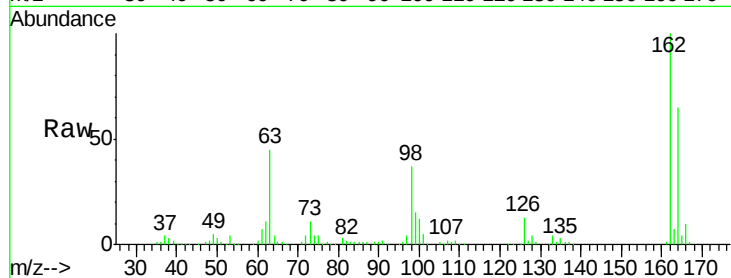




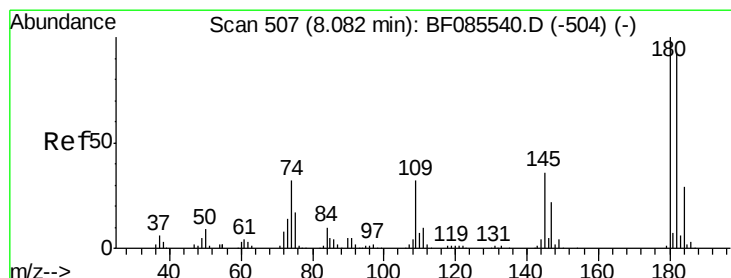
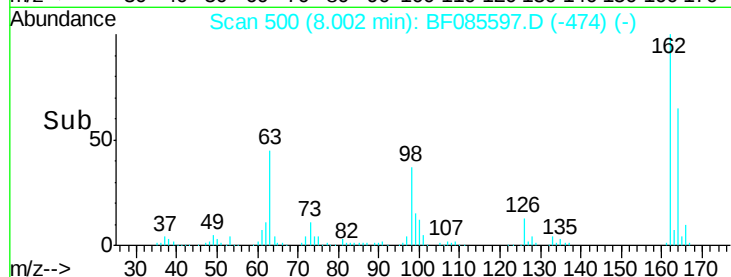
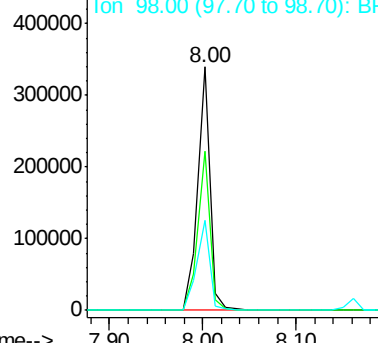
#29
 2,4-Dichlorophenol
 Concen: 46.34 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion:162 Resp: 310343
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.7 83.7
 98 36.8 20.4 60.4

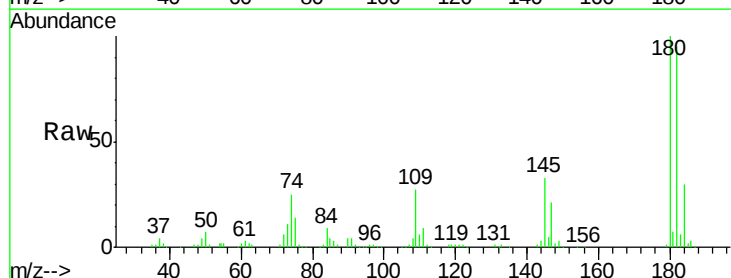


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

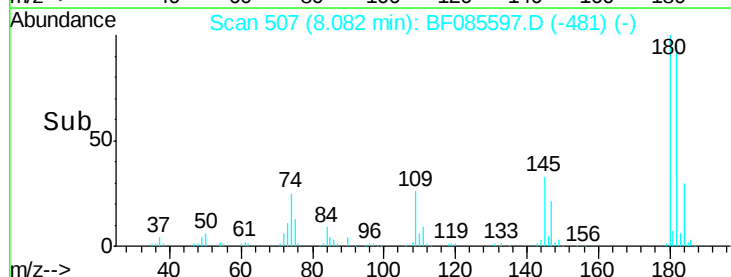
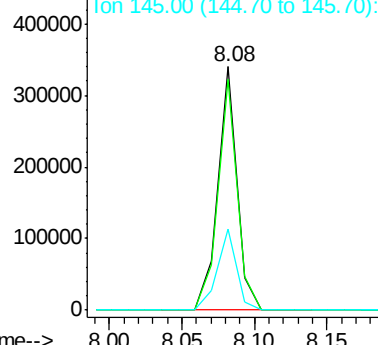


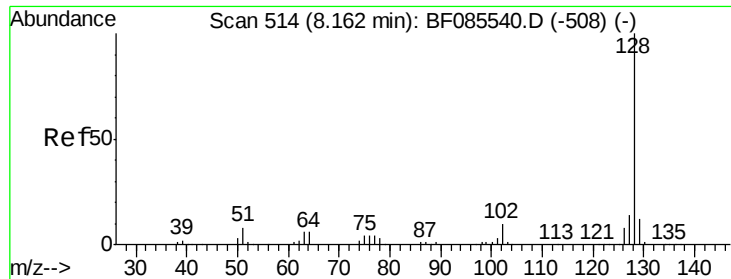
#30
 1,2,4-Trichlorobenzene
 Concen: 41.70 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:180 Resp: 312763
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.8 110.8
 145 33.3 28.4 42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

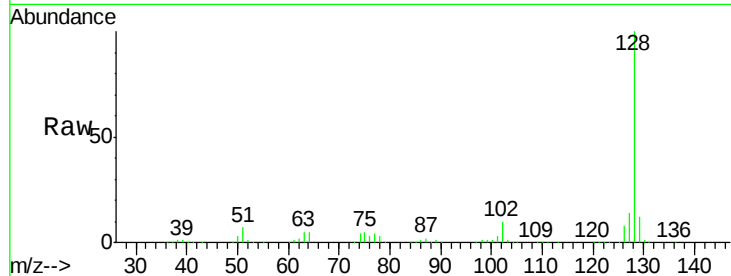




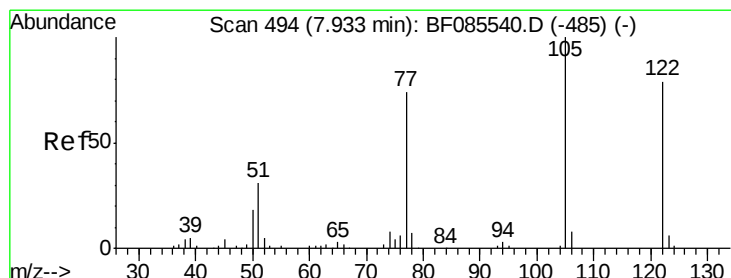
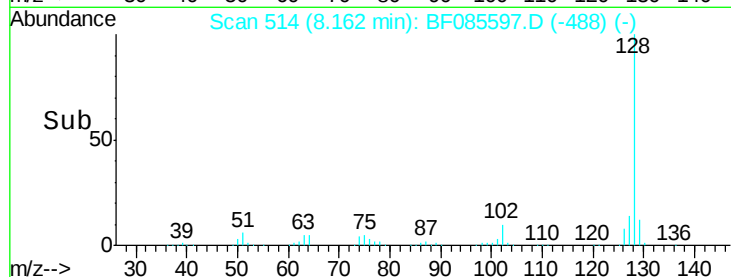
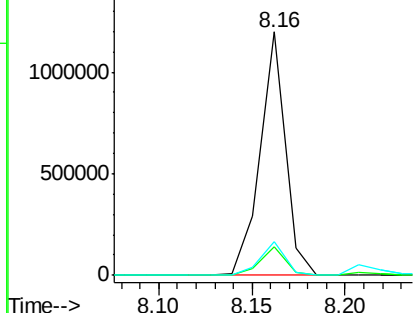
#31
Naphthalene
Concen: 45.19 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

Tgt Ion:128 Resp: 1122402
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 11.0 16.6

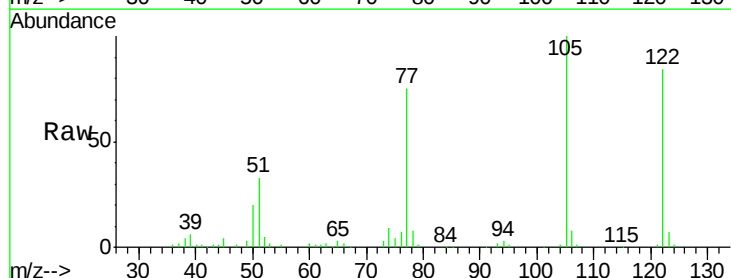


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

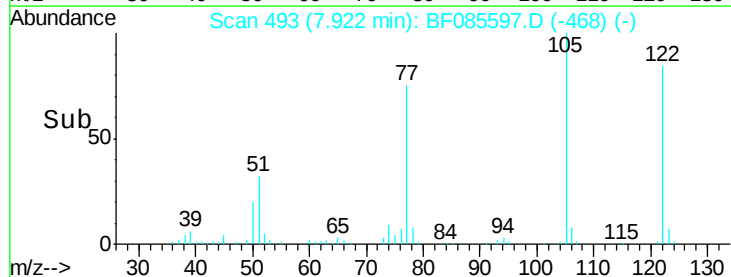
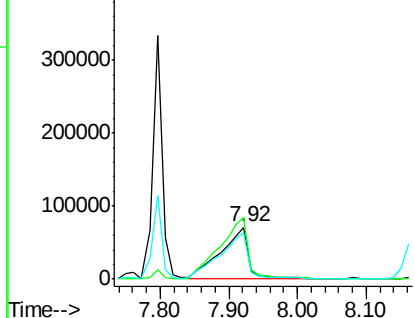


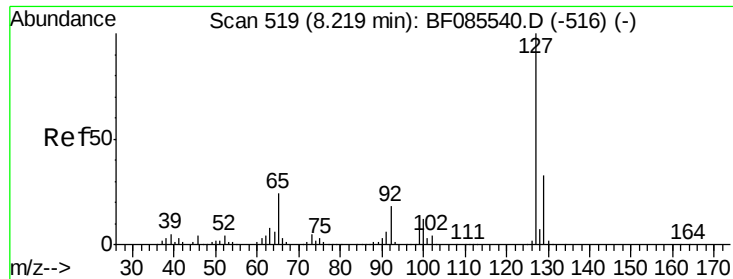
#32
Benzoic acid
Concen: 29.73 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:122 Resp: 201557
Ion Ratio Lower Upper
122 100
105 119.2 102.9 142.9
77 89.9 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

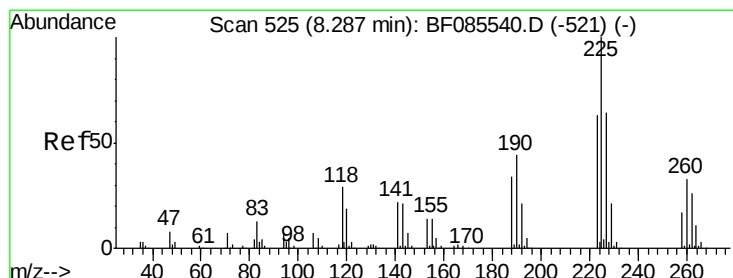
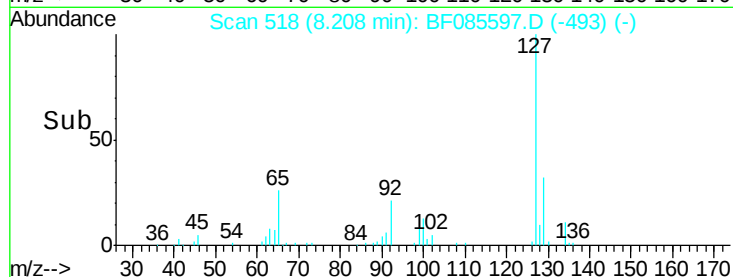
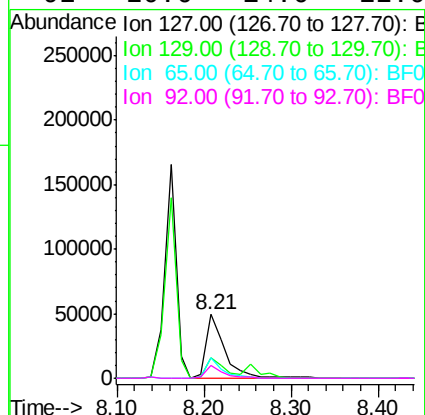
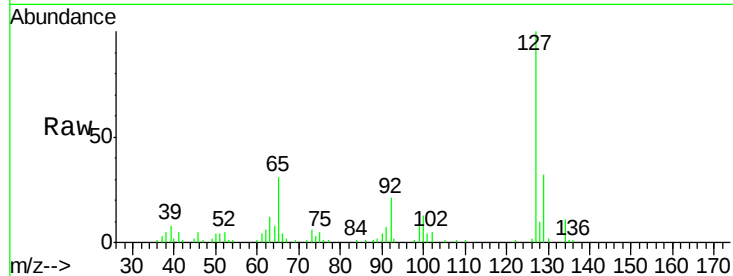




#33
 4-Chloroaniline
 Concen: 7.19 ng
 RT: 8.21 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

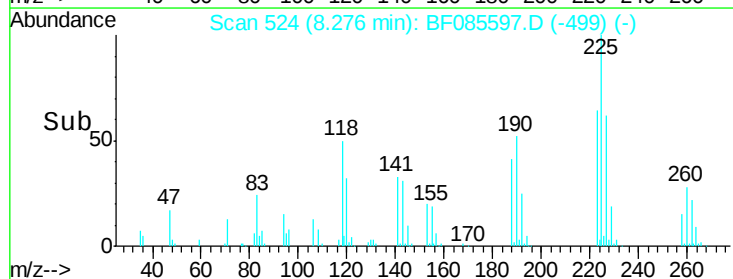
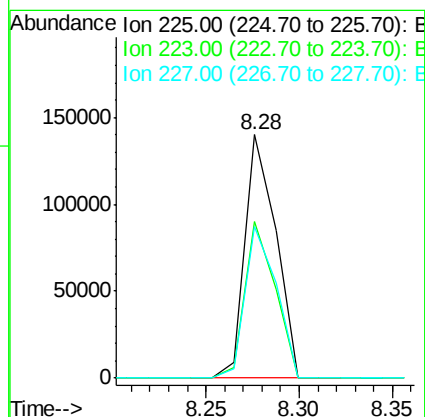
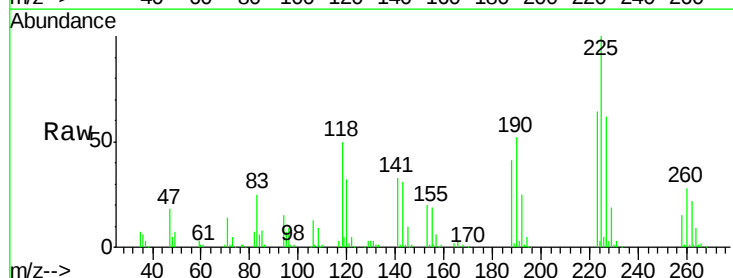
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

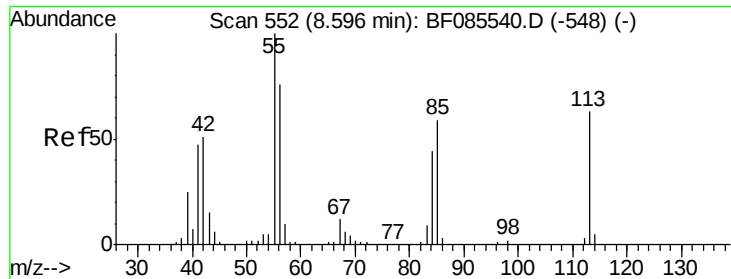
Tgt Ion:	127	Resp:	73230
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	31.3	19.5	29.3
92	20.6	14.6	22.0



#34
 Hexachlorobutadiene
 Concen: 40.23 ng
 RT: 8.28 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:	225	Resp:	160823
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	62.4	51.4	77.2

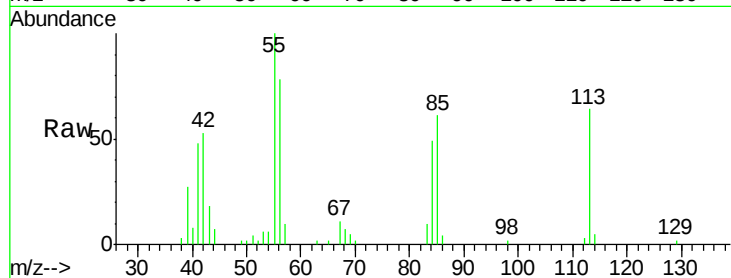




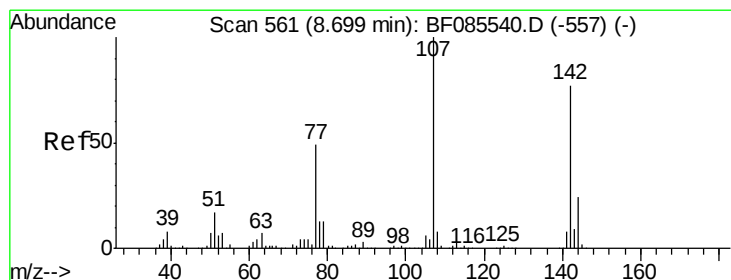
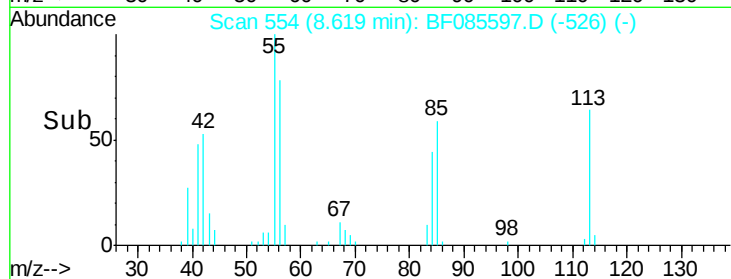
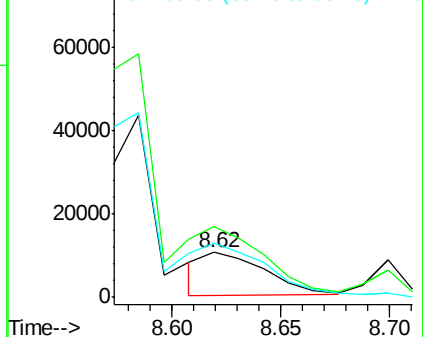
#35
 Caprolactam
 Concen: 8.91 ng
 RT: 8.62 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion:113 Resp: 20530
 Ion Ratio Lower Upper
 113 100
 55 155.7 139.4 179.4
 56 121.2 100.4 140.4

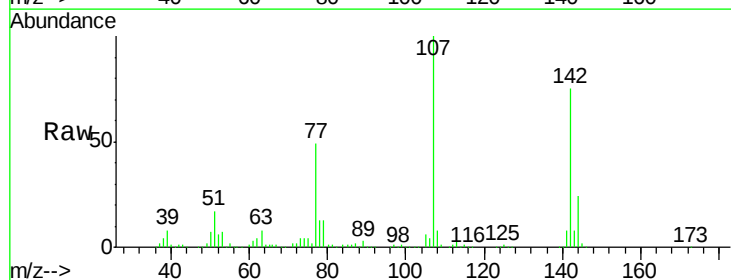


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

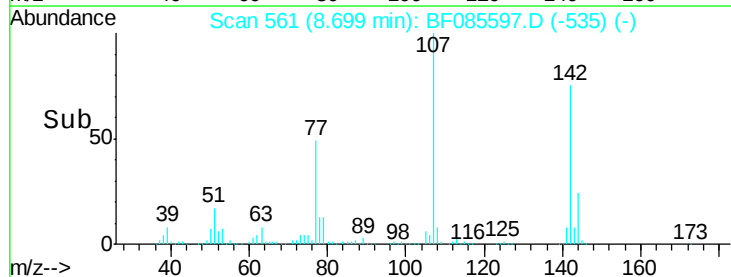
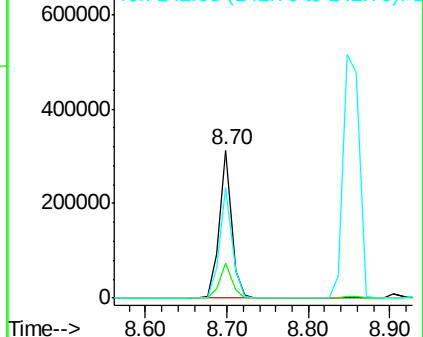


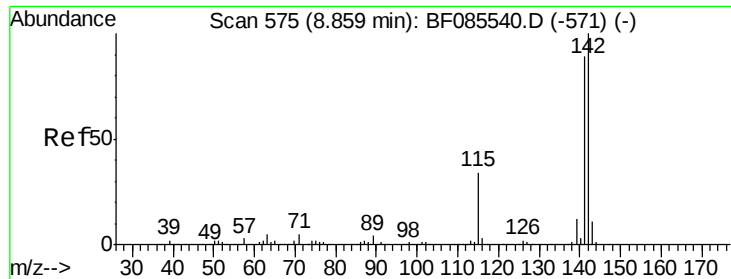
#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:107 Resp: 330103
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.7 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.38 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

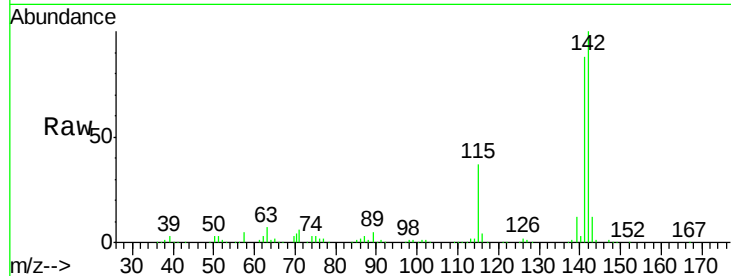
Tgt Ion:142 Resp: 717222

Ion Ratio Lower Upper

142 100

141 87.6 71.6 107.4

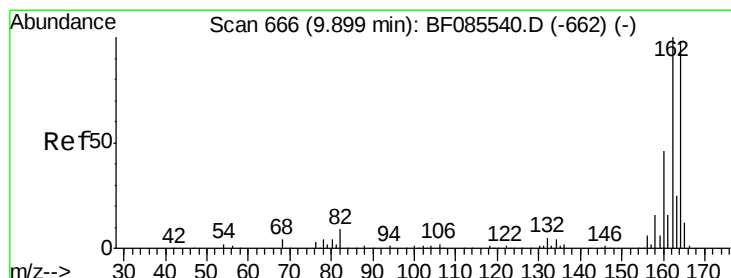
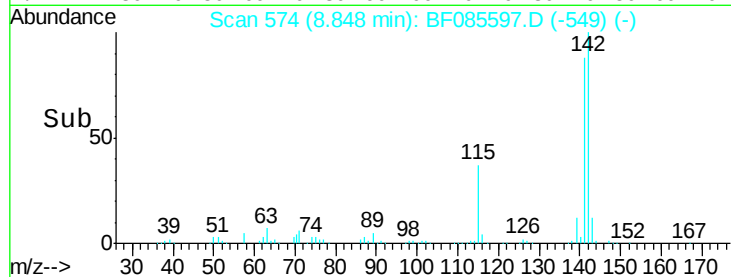
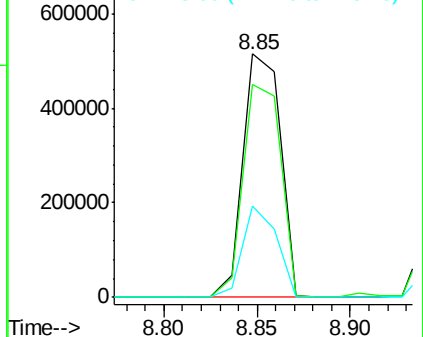
115 37.4 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

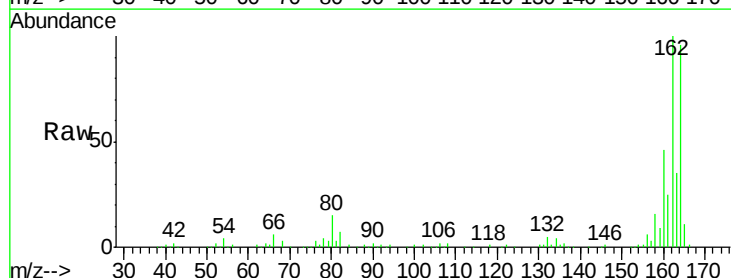
Tgt Ion:164 Resp: 212182

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

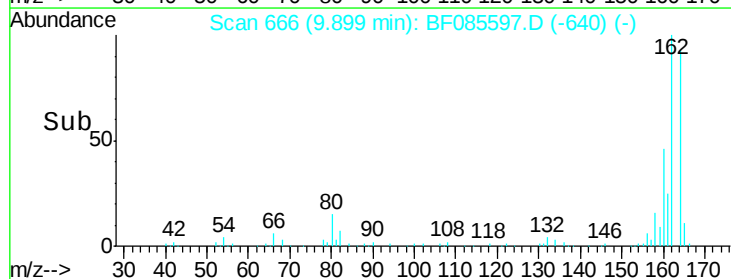
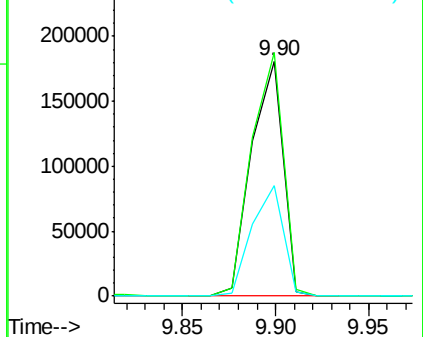
160 47.3 37.4 56.2

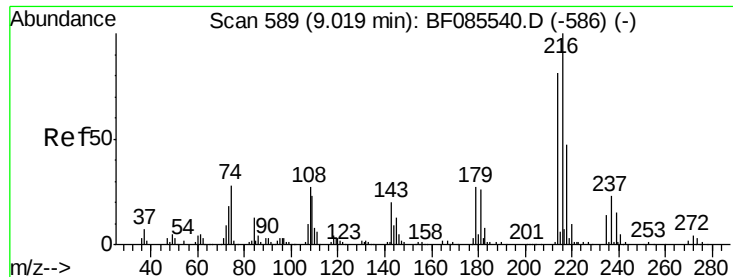


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

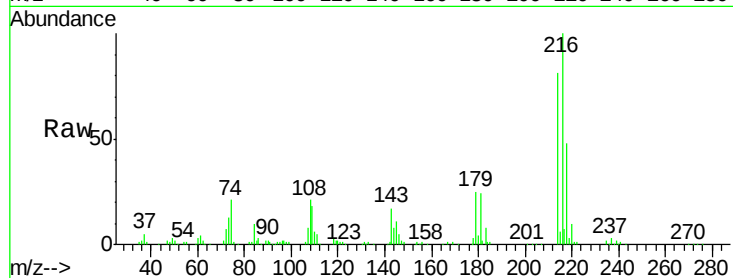




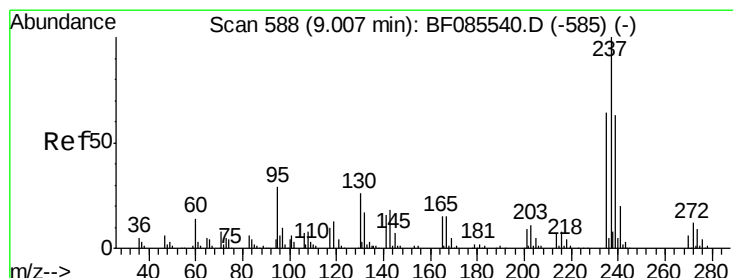
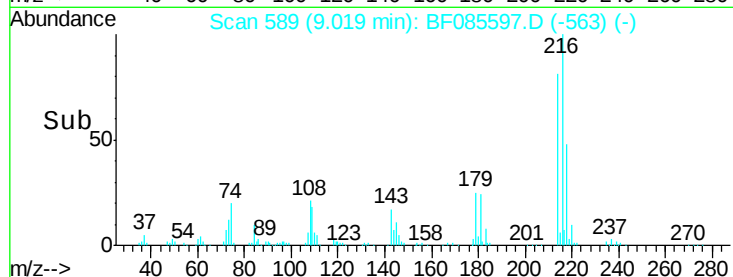
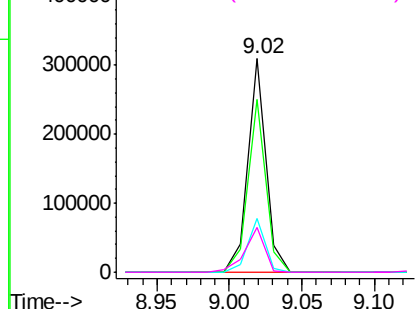
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.79 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion:	216	Resp:	268969
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.1	94.7
179	24.5	18.2	27.2
108	23.1	17.3	25.9

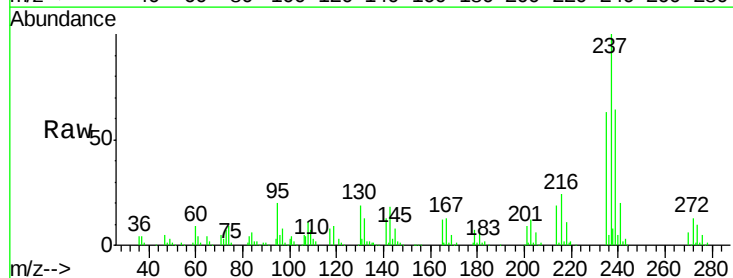


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

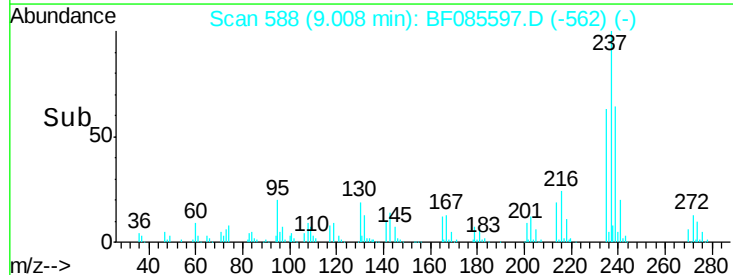
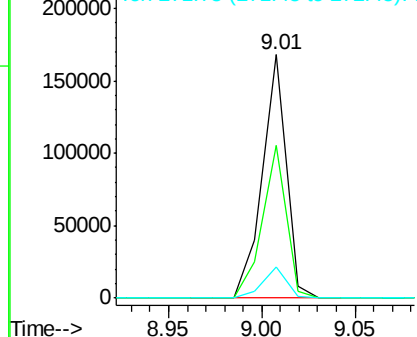


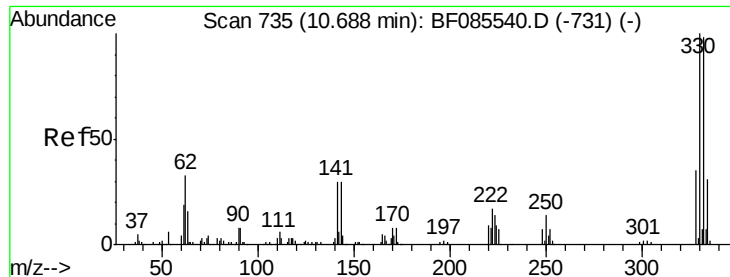
#40
 Hexachlorocyclopentadiene
 Concen: 51.19 ng
 RT: 9.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:	237	Resp:	148498
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	12.9	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

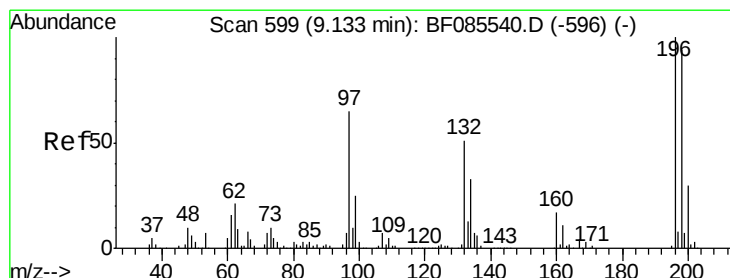
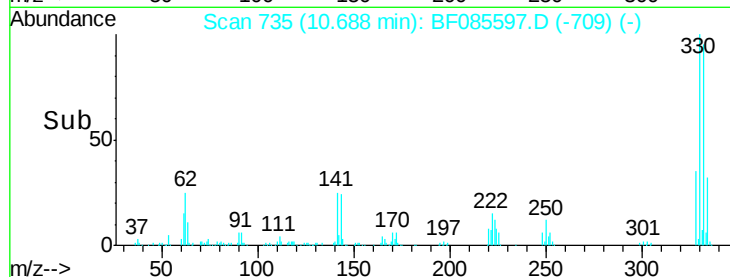
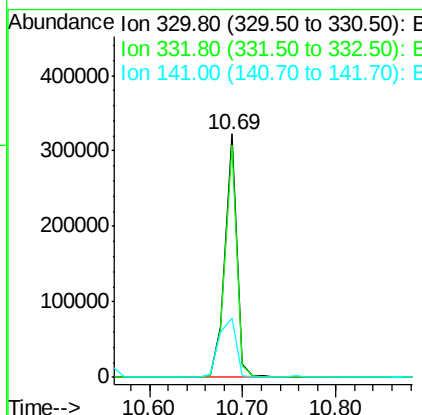
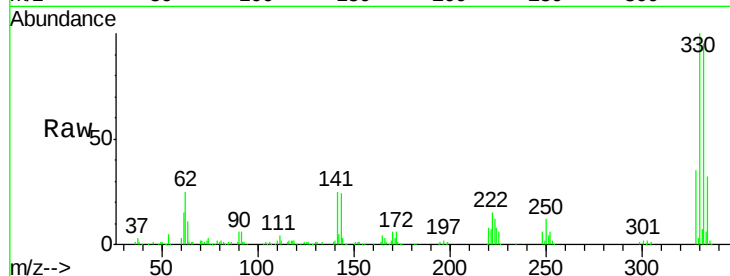




#41
 2,4,6-Tribromophenol
 Concen: 137.15 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

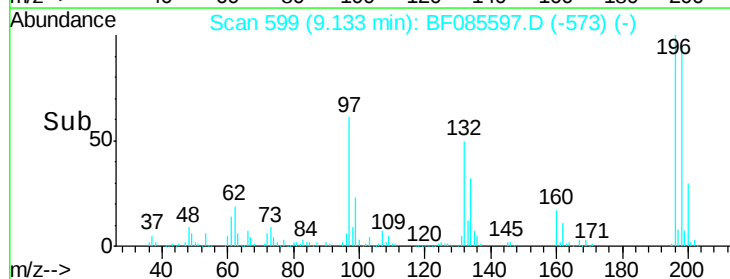
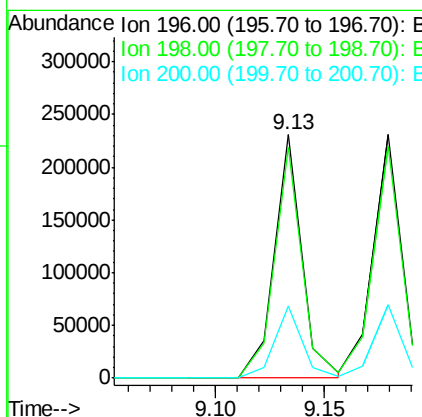
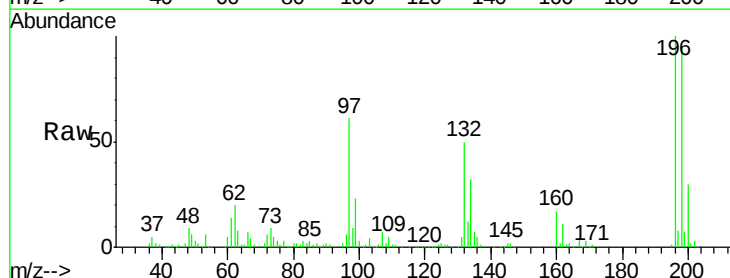
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

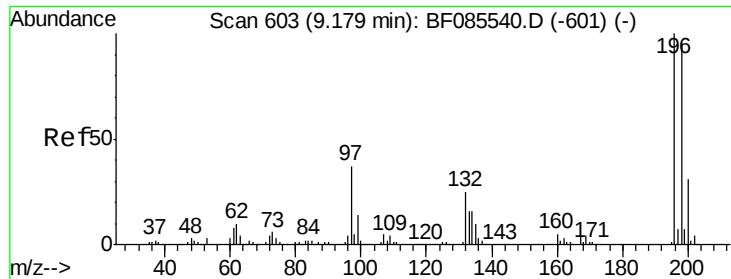
Tgt Ion:330 Resp: 285061
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 35.4 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 46.75 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:196 Resp: 205973
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.3 112.9
 200 29.7 23.7 35.5

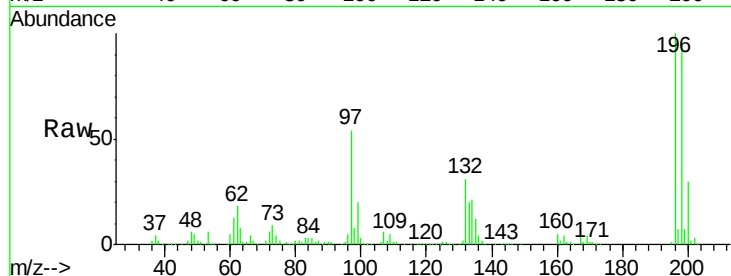




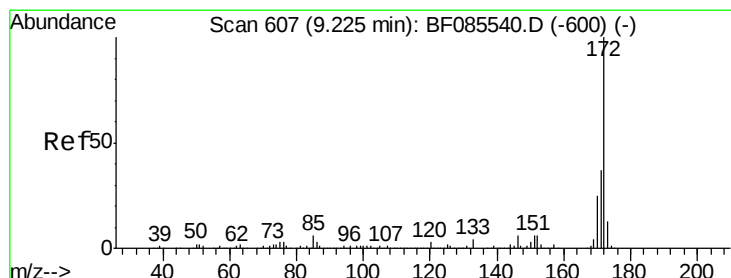
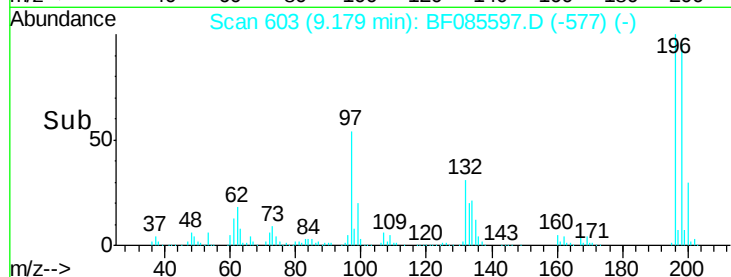
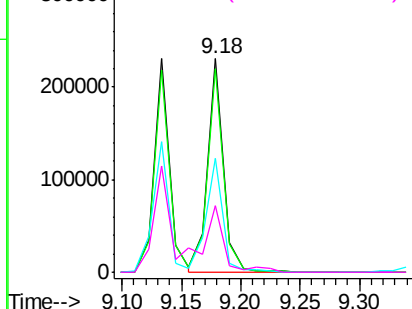
#43
 2,4,5-Trichlorophenol
 Concen: 47.84 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion:196 Resp: 214505
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.6 114.8
 97 53.6 30.5 45.7#
 132 31.4 20.2 30.2#

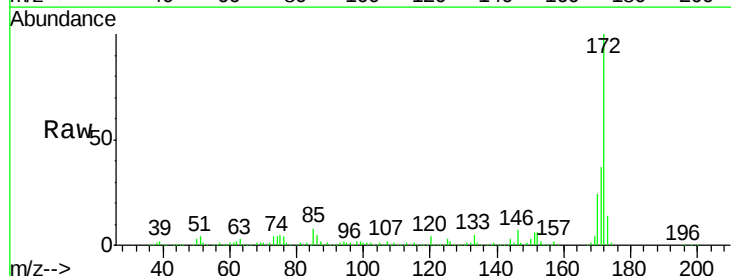


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

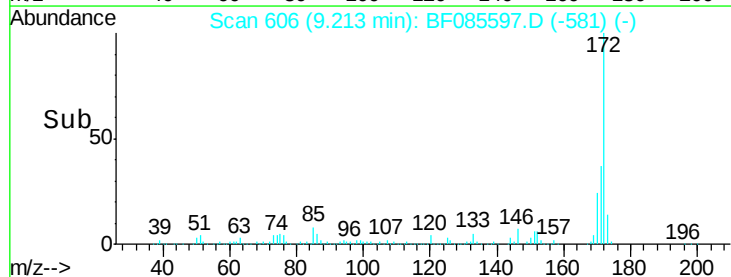
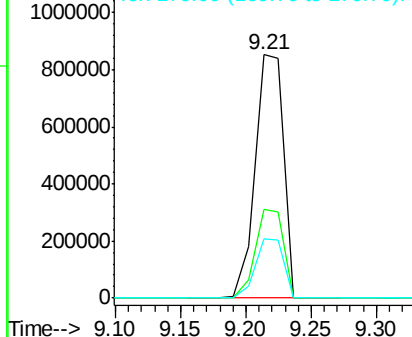


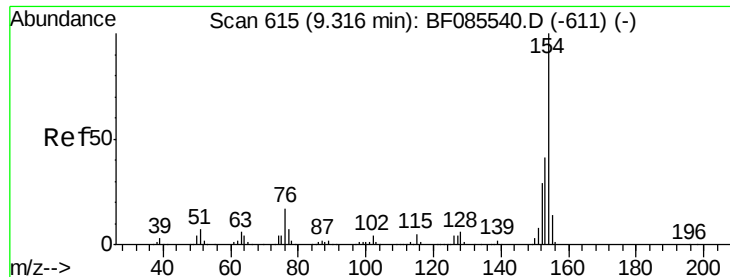
#44
 2-Fluorobiphenyl
 Concen: 113.05 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:172 Resp: 1291366
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.3 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.34 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

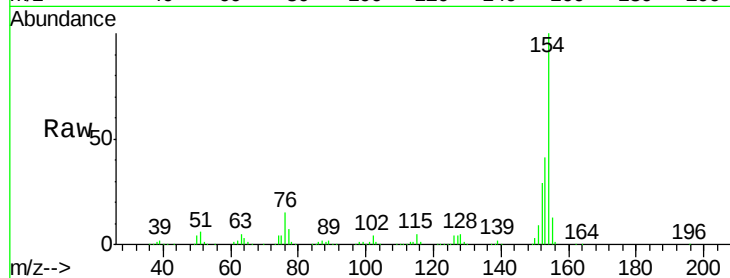
Tgt Ion:154 Resp: 738473

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

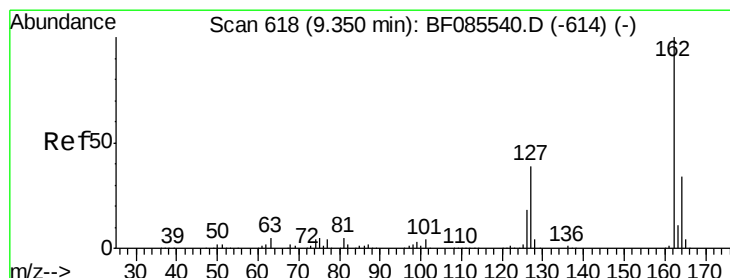
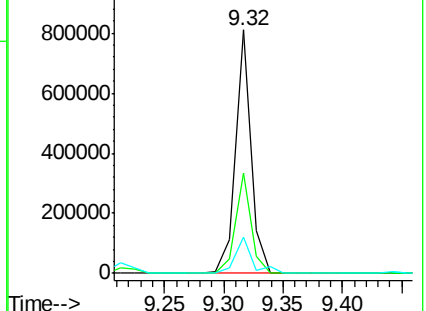
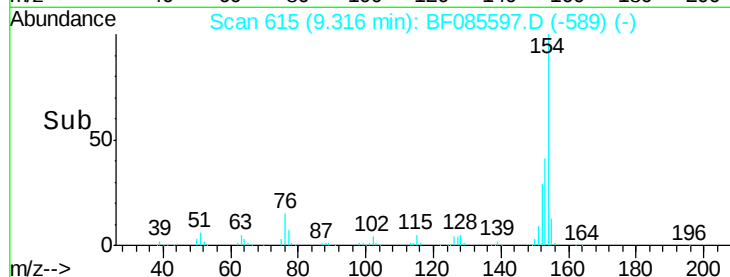
76 14.9 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.96 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

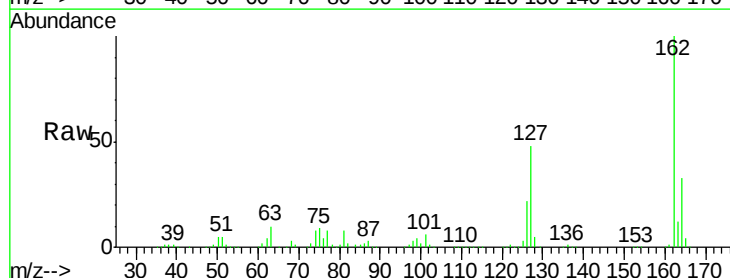
Tgt Ion:162 Resp: 574380

Ion Ratio Lower Upper

162 100

127 47.6 31.7 47.5#

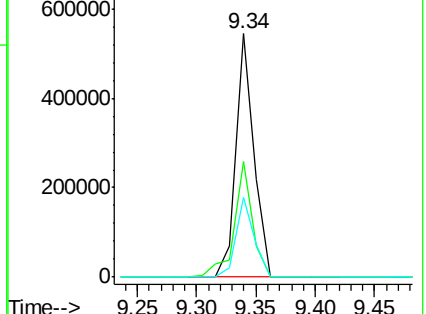
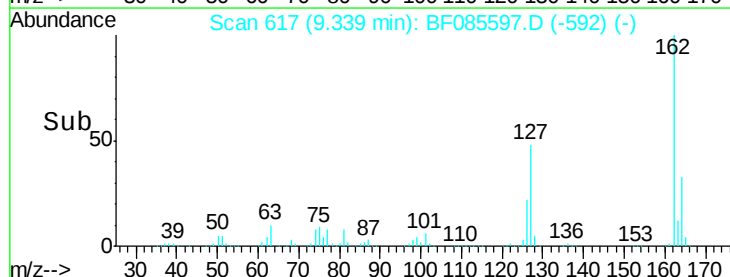
164 32.8 27.3 40.9

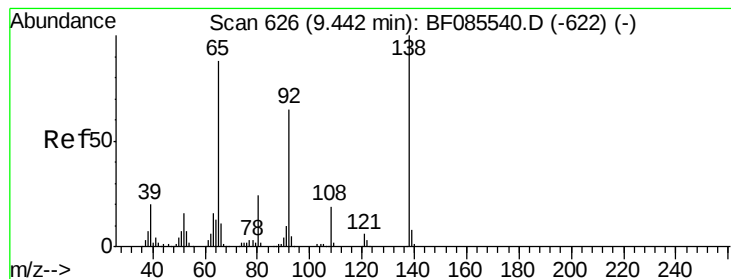


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.00 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

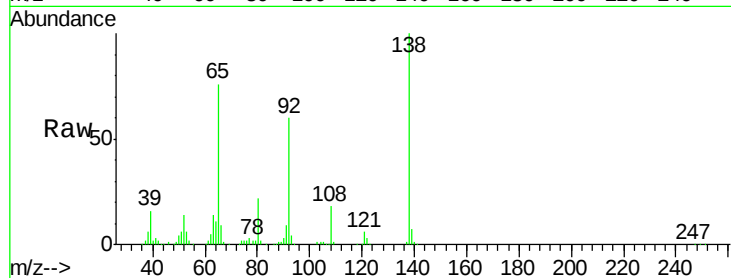
Tgt Ion: 65 Resp: 210342

Ion Ratio Lower Upper

65 100

92 79.5 59.7 89.5

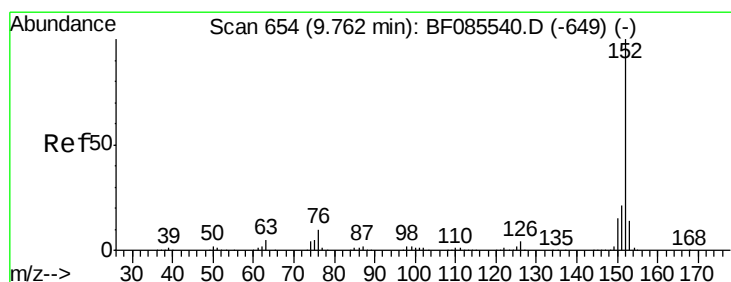
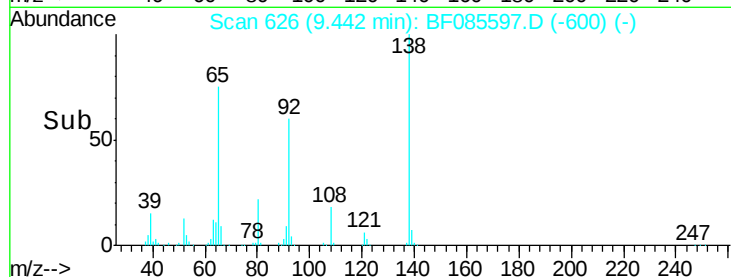
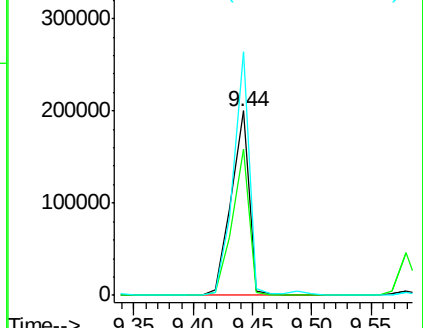
138 132.0 91.4 137.0



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.79 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

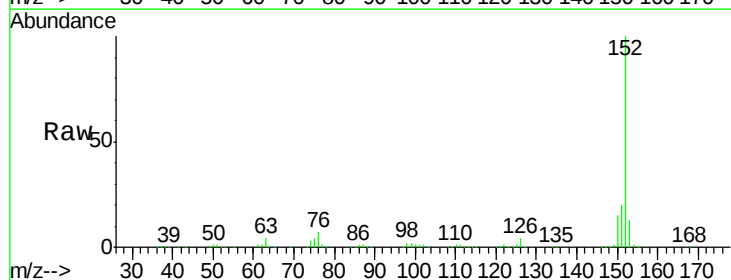
Tgt Ion: 152 Resp: 1012381

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

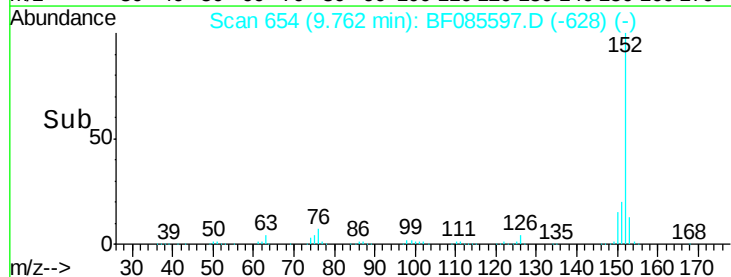
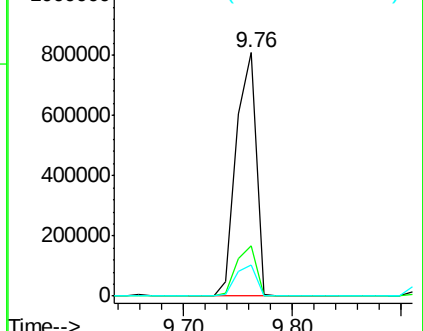
153 12.9 10.9 16.3

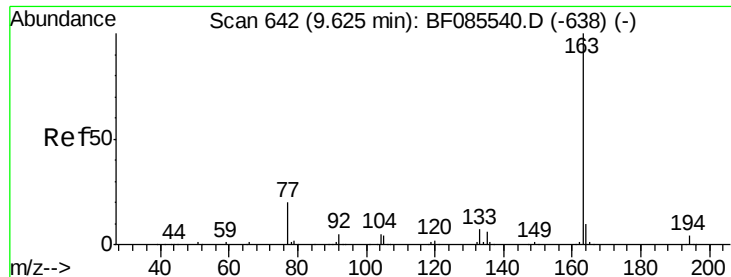


Abundance Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





#49

Dimethylphthalate

Concen: 49.16 ng

RT: 9.62 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

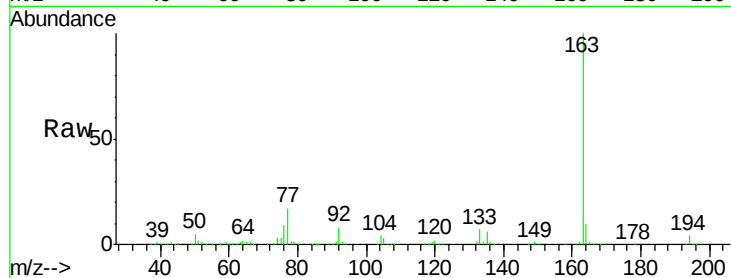
Tgt Ion:163 Resp: 787137

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

800000

600000

400000

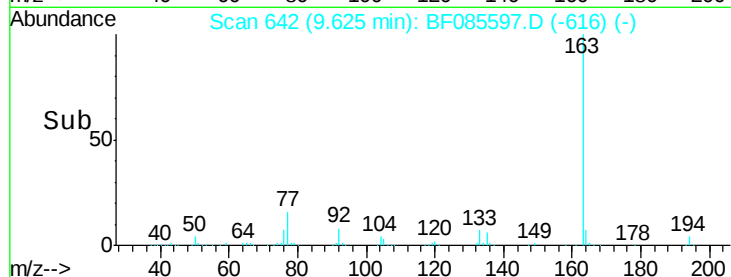
200000

0

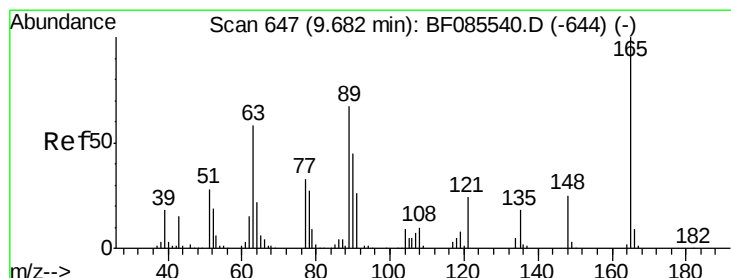
9.50

9.60

9.70



Time-->



#50

2,6-Dinitrotoluene

Concen: 46.39 ng

RT: 9.68 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

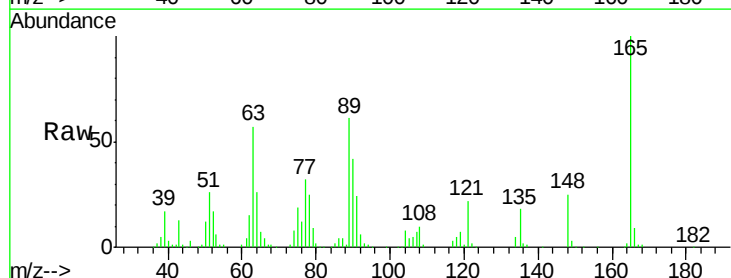
Tgt Ion:165 Resp: 156817

Ion Ratio Lower Upper

165 100

63 57.4 51.8 77.8

89 61.4 53.7 80.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

250000

200000

150000

100000

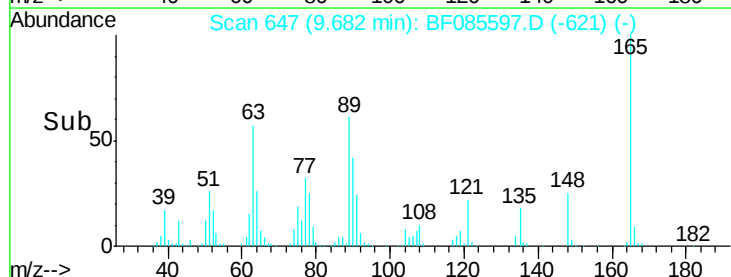
50000

0

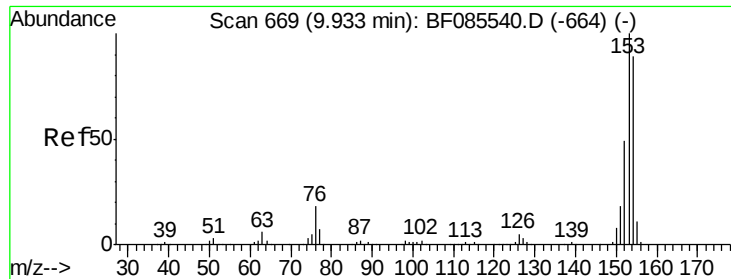
9.65

9.70

9.75



Time-->



#51

Acenaphthene

Concen: 47.20 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

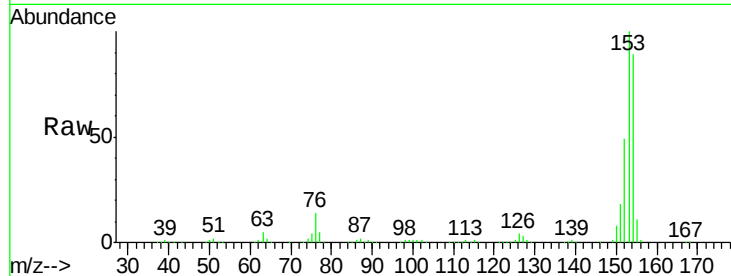
Tgt Ion:154 Resp: 640917

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

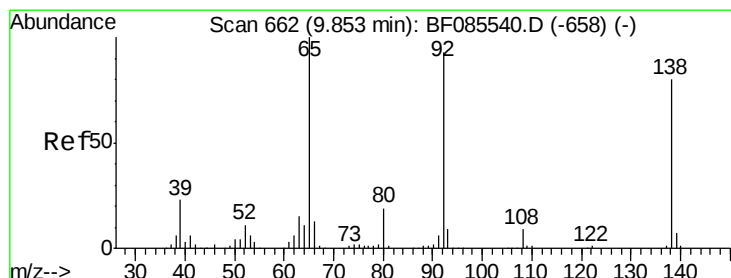
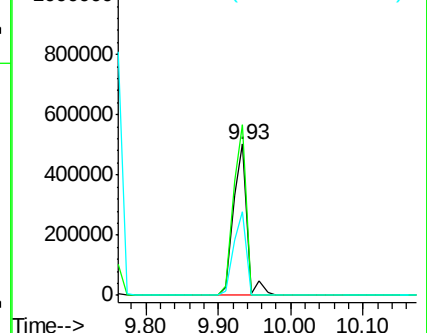
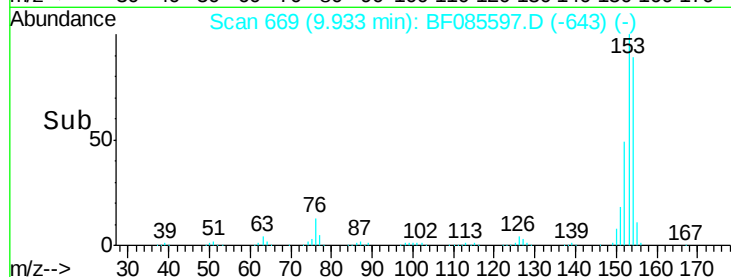
152 55.0 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.10 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

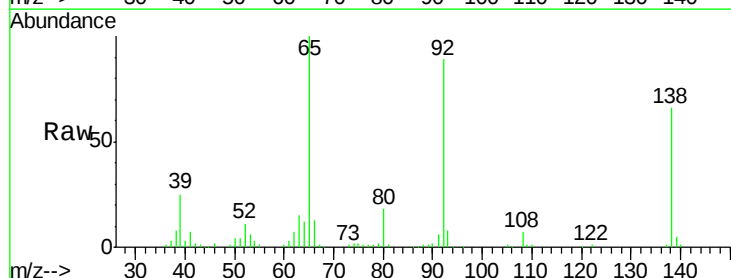
Tgt Ion:138 Resp: 80870

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

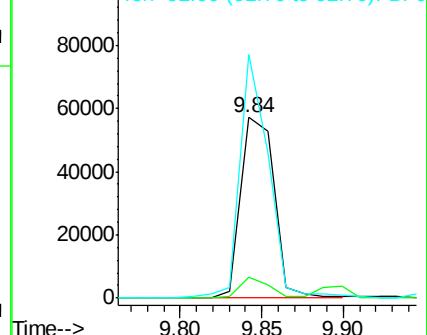
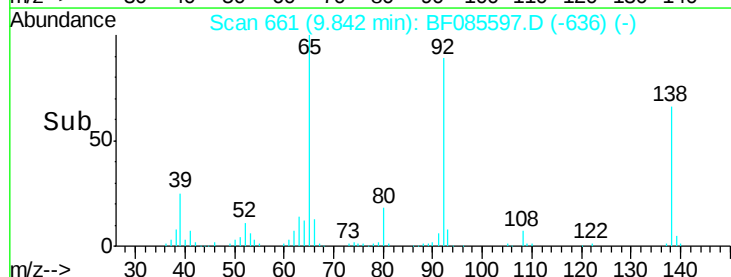
92 135.0 93.3 139.9

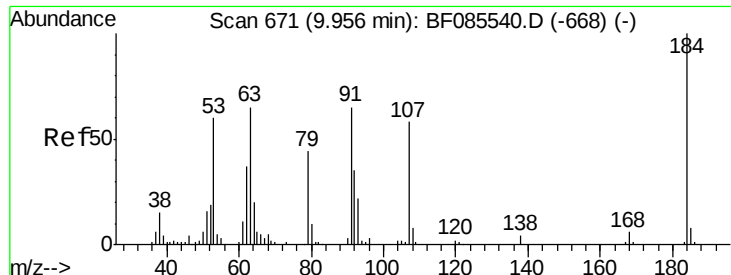


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

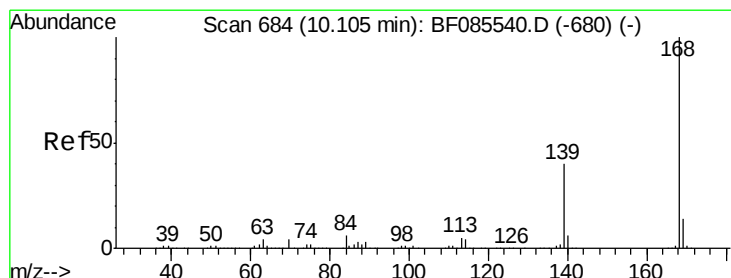
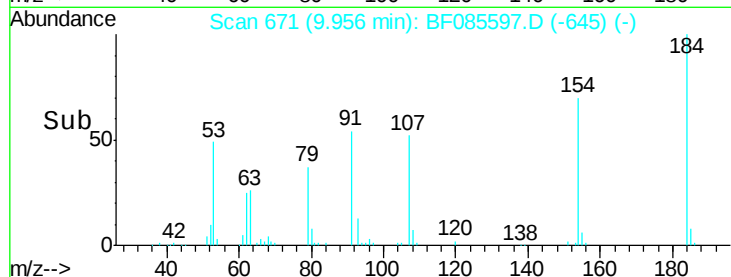
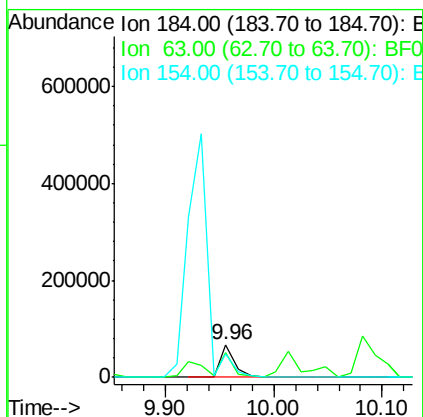
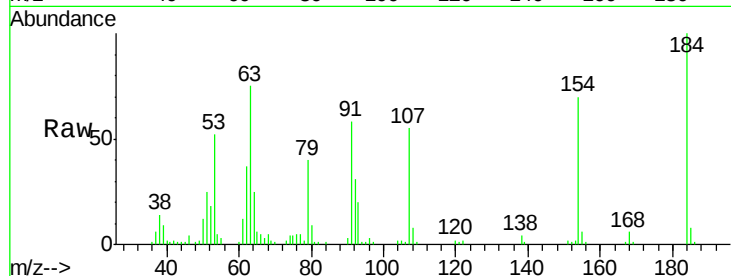




#53
 2,4-Dinitrophenol
 Concen: 32.42 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

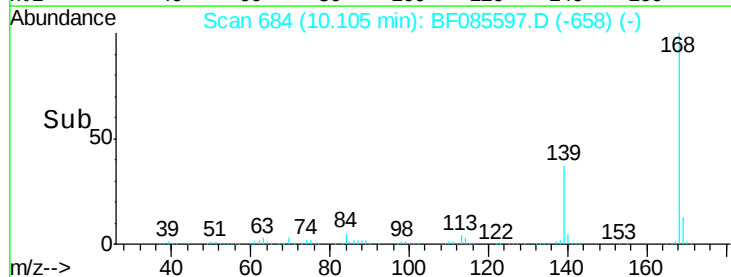
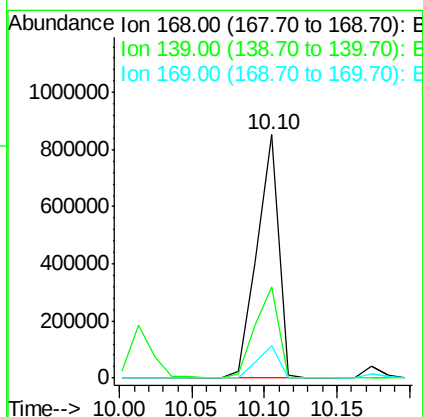
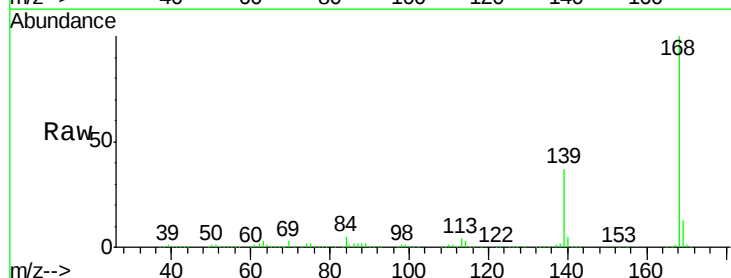
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

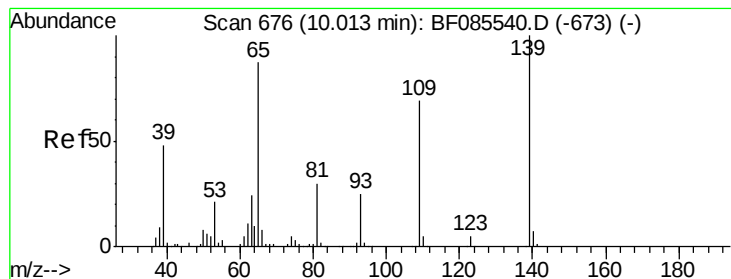
Tgt Ion:184 Resp: 67136
 Ion Ratio Lower Upper
 184 100
 63 74.7 69.5 104.3
 154 69.7 58.3 87.5



#54
 Dibenzofuran
 Concen: 53.68 ng
 RT: 10.10 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:168 Resp: 887556
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.9 47.9
 169 13.4 11.0 16.6





#55

4-Nitrophenol

Concen: 62.47 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

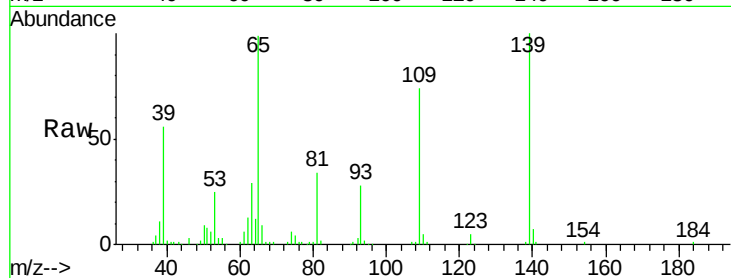
Tgt Ion:139 Resp: 204391

Ion Ratio Lower Upper

139 100

109 73.6 49.2 89.2

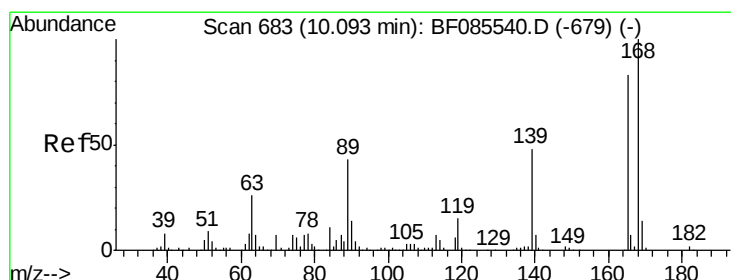
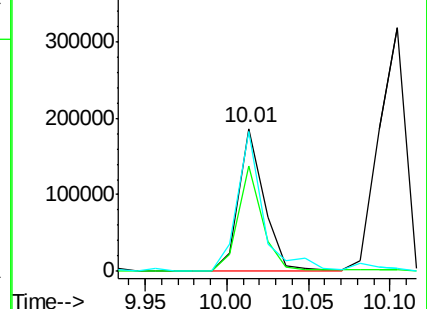
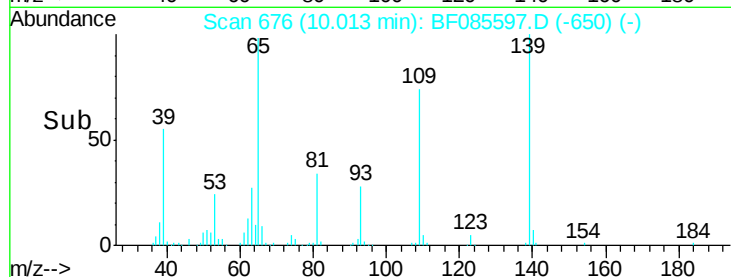
65 98.6 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56

2,4-Dinitrotoluene

Concen: 44.49 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Tgt Ion:165 Resp: 196881

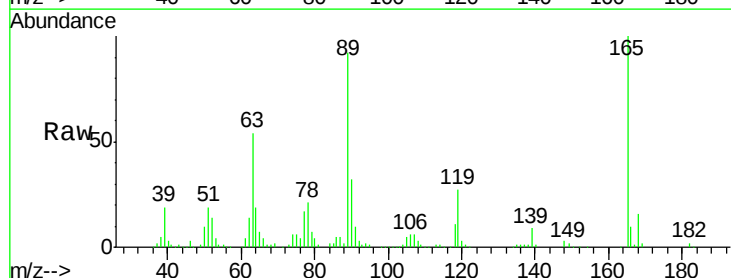
Ion Ratio Lower Upper

165 100

63 54.4 24.9 37.3#

89 91.5 41.0 61.6#

182 2.4 2.1 3.1

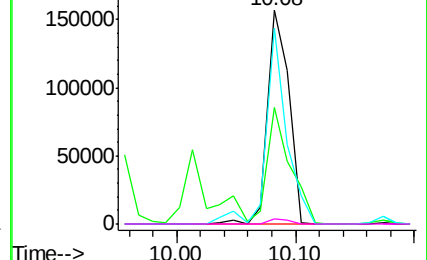
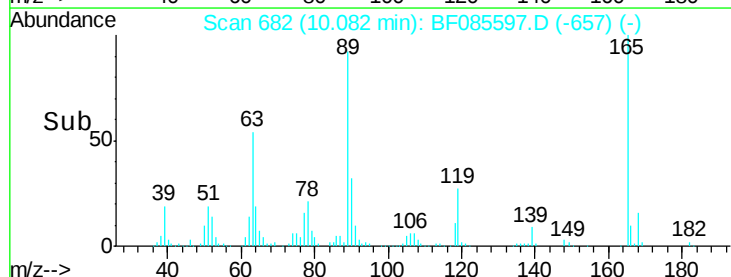


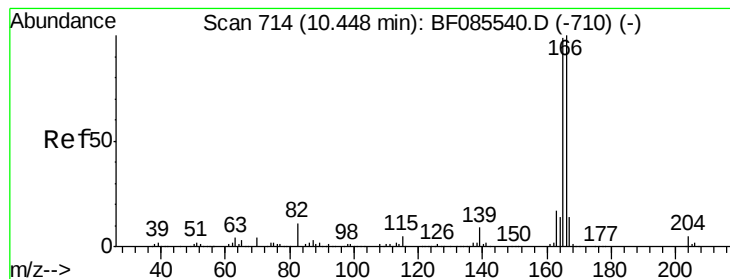
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.70 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

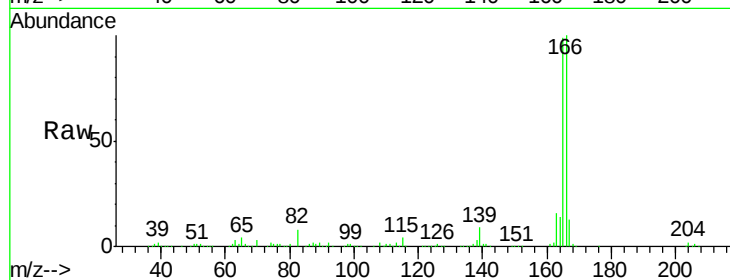
Tgt Ion:166 Resp: 643528

Ion Ratio Lower Upper

166 100

165 99.0 79.4 119.0

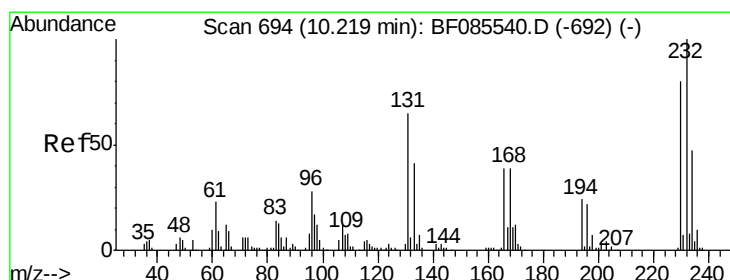
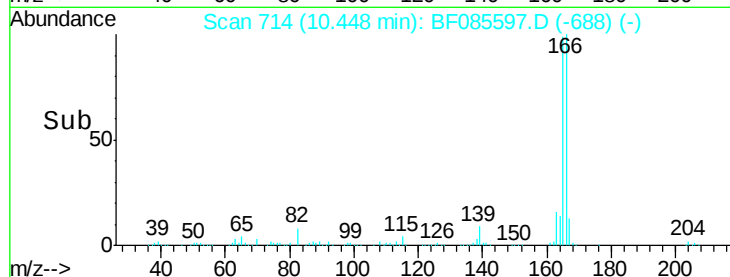
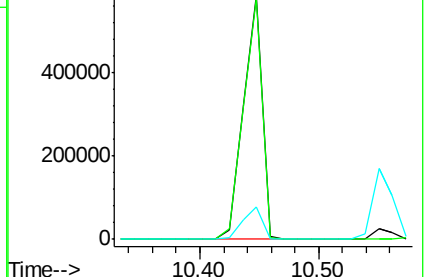
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.79 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Tgt Ion:232 Resp: 154301

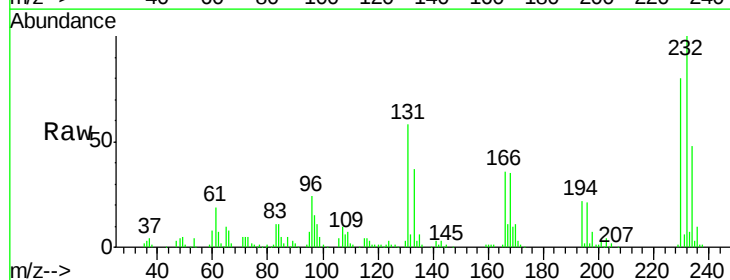
Ion Ratio Lower Upper

232 100

131 55.6 44.9 67.3

130 2.7 2.3 3.5

166 34.7 28.1 42.1

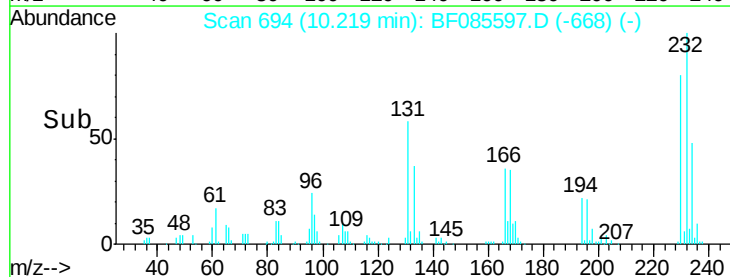
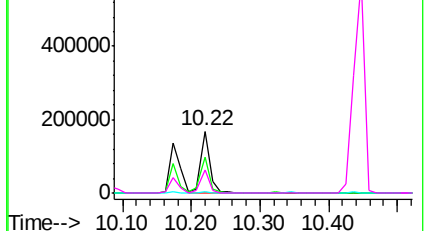


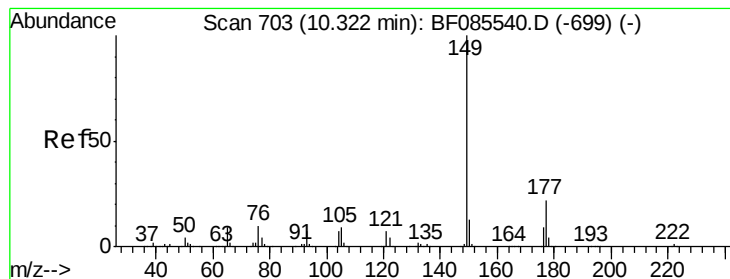
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.03 ng

RT: 10.32 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

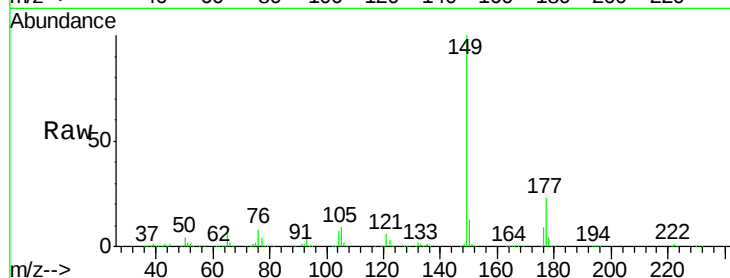
Tgt Ion:149 Resp: 764648

Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

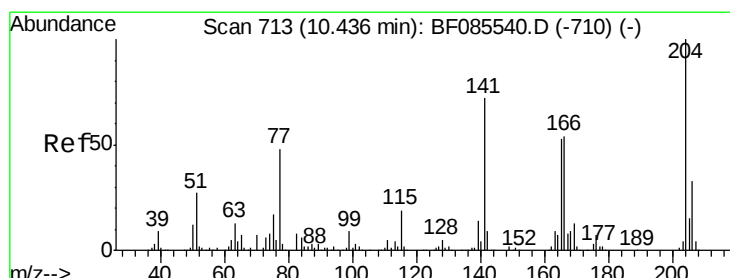
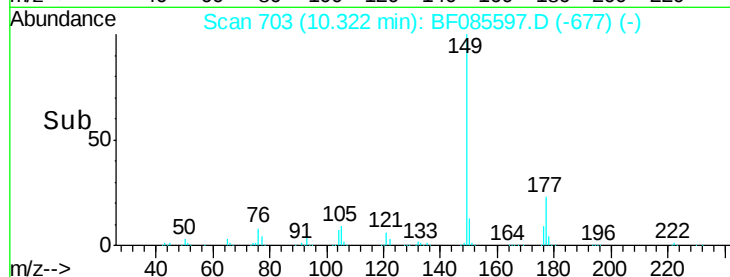
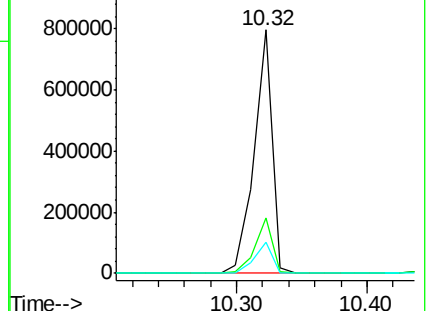
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.94 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

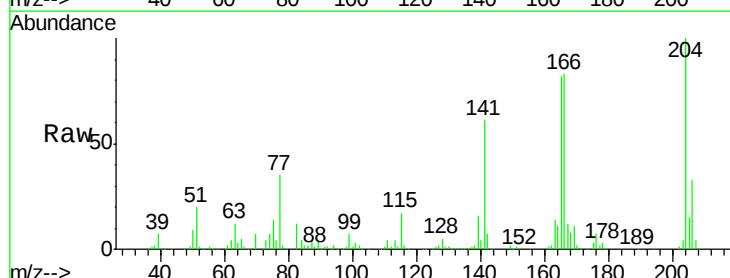
Tgt Ion:204 Resp: 315911

Ion Ratio Lower Upper

204 100

206 33.2 26.6 39.8

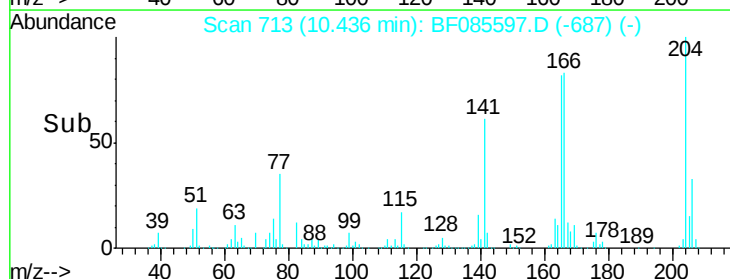
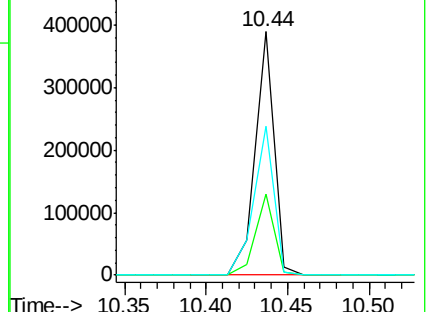
141 61.3 57.4 86.0

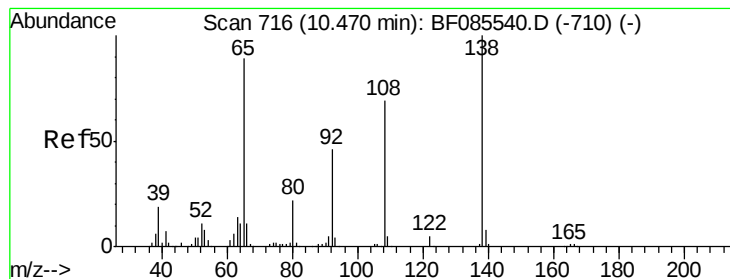


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.35 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

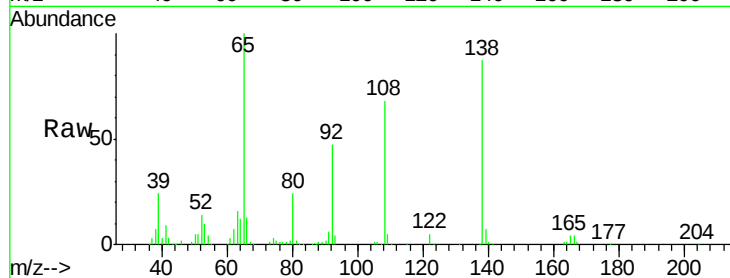
Tgt Ion:138 Resp: 143357

Ion Ratio Lower Upper

138 100

92 54.3 26.4 66.4

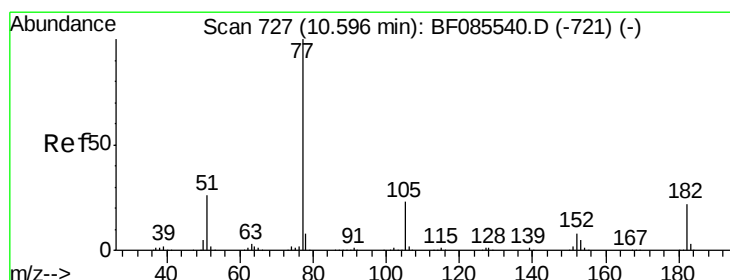
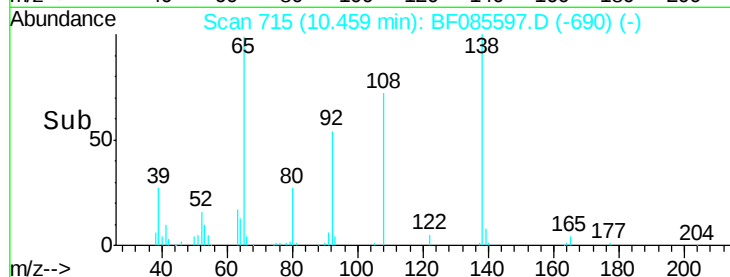
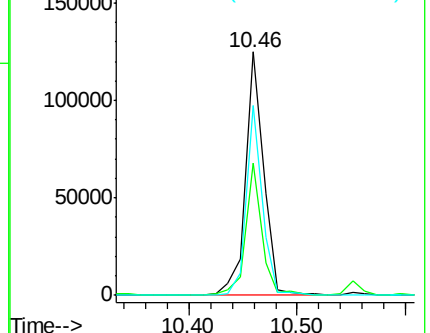
108 77.9 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.24 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Tgt Ion: 77 Resp: 767509

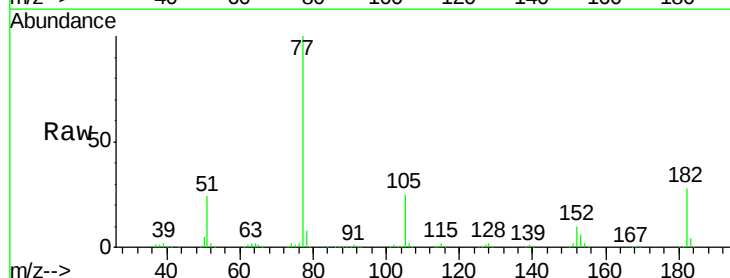
Ion Ratio Lower Upper

77 100

182 28.0 1.9 41.9

105 24.9 3.5 43.5

51 24.5 6.3 46.3

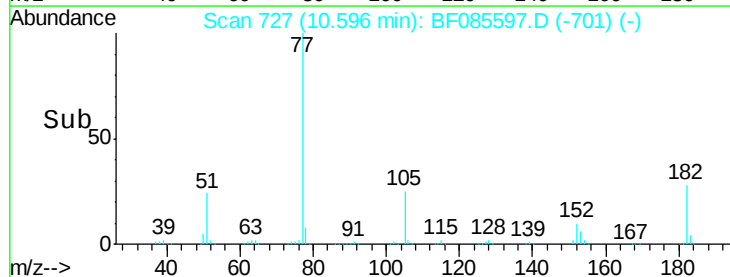
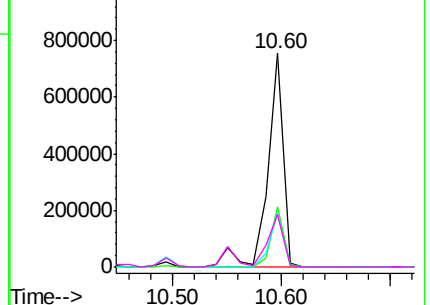


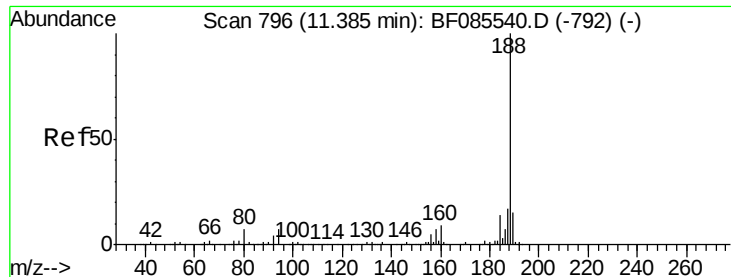
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

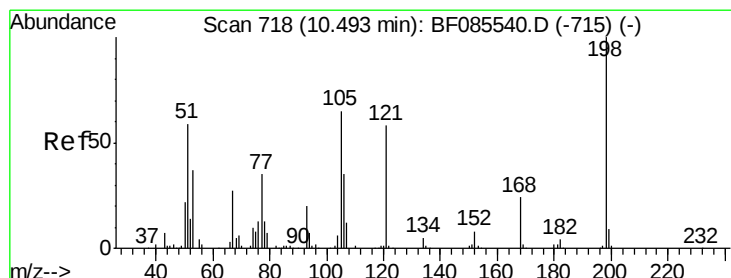
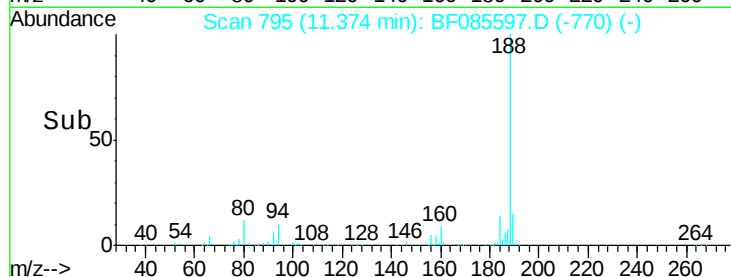
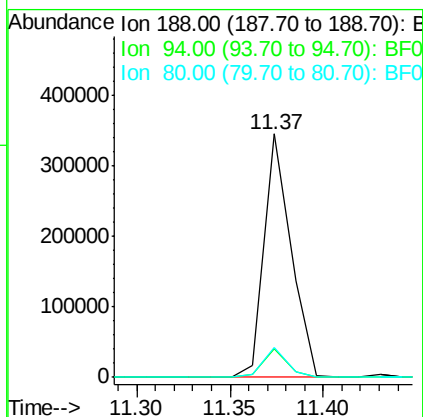
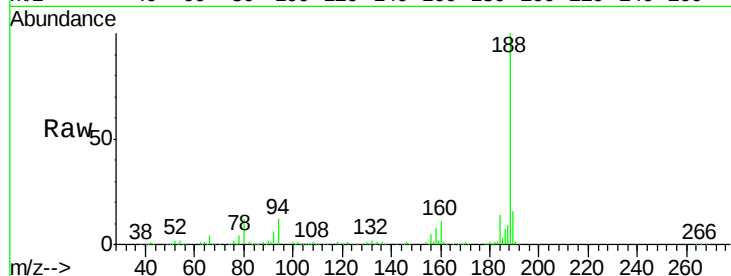




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

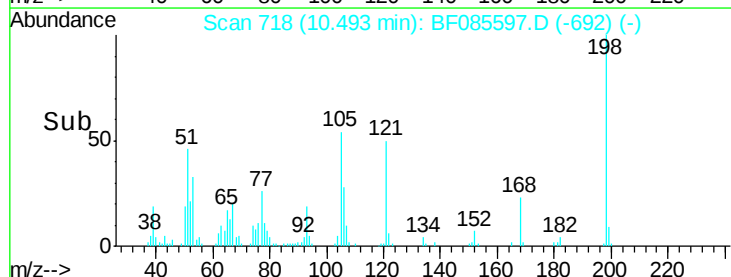
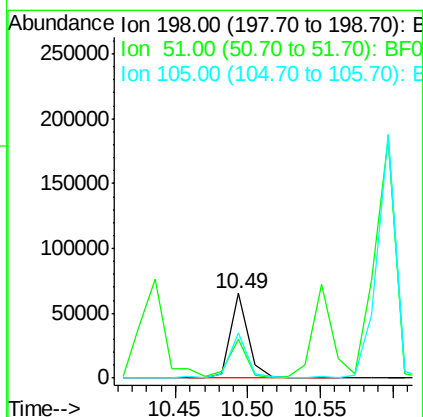
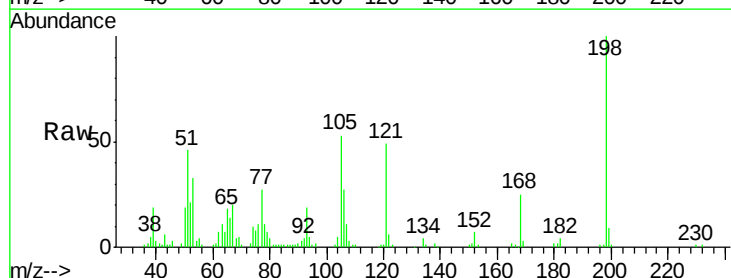
Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

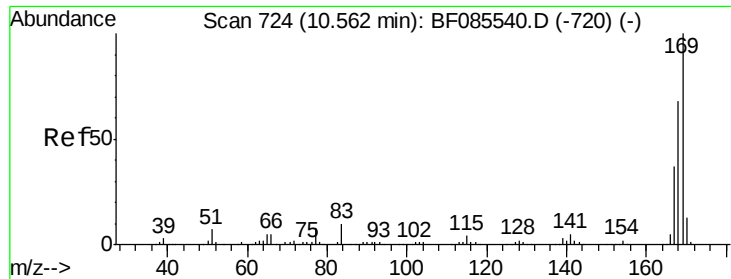
Tgt Ion:188 Resp: 344423
Ion Ratio Lower Upper
188 100
94 11.6 5.4 8.0#
80 12.3 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 25.15 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:198 Resp: 55429
Ion Ratio Lower Upper
198 100
51 46.1 45.4 85.4
105 53.2 45.9 85.9

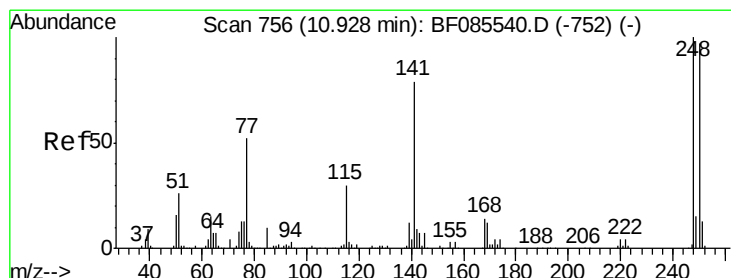
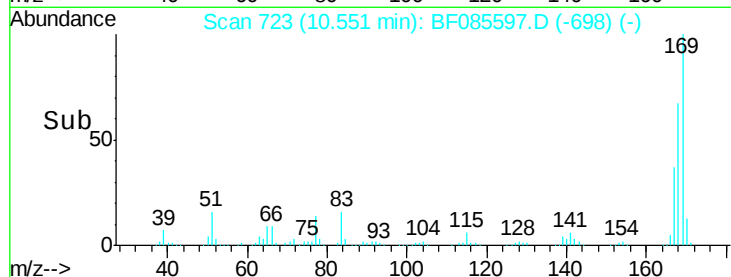
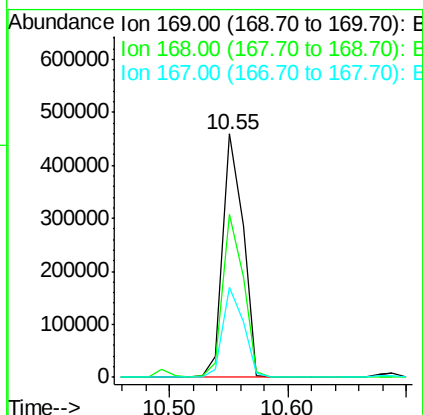
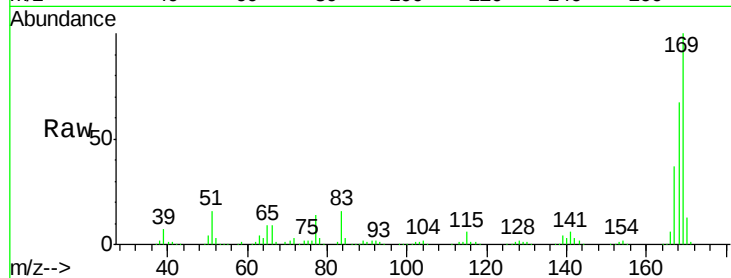




#65
 n-Nitrosodiphenylamine
 Concen: 50.77 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

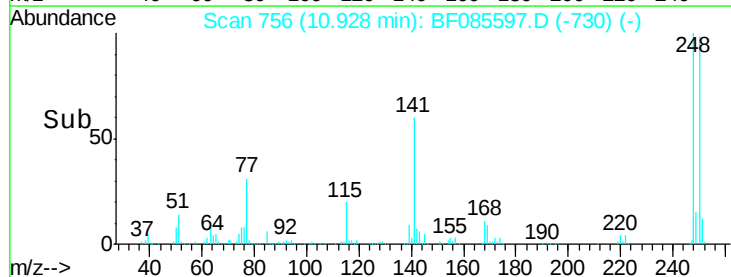
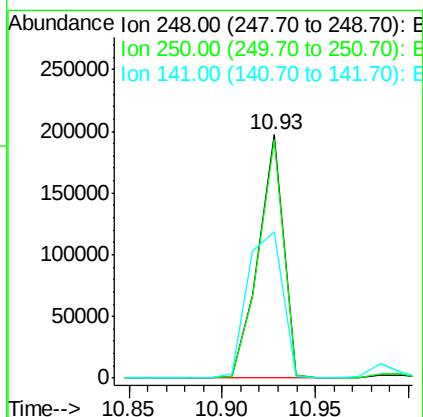
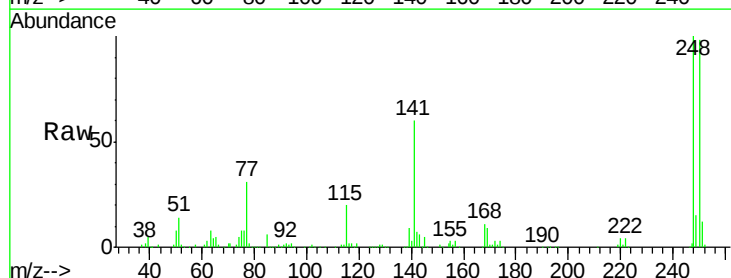
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

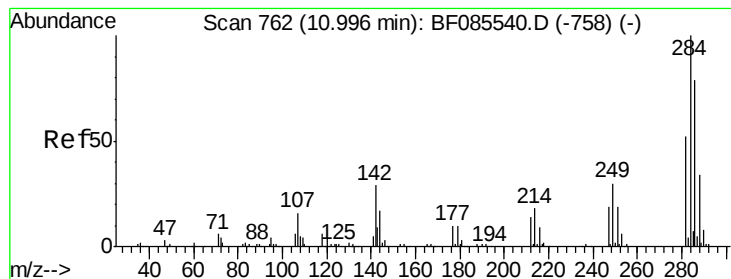
Tgt Ion:169 Resp: 544678
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 36.9 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 53.53 ng
 RT: 10.93 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:248 Resp: 184184
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.4 116.0
 141 60.3 63.6 95.4#





#67

Hexachlorobenzene

Concen: 50.57 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

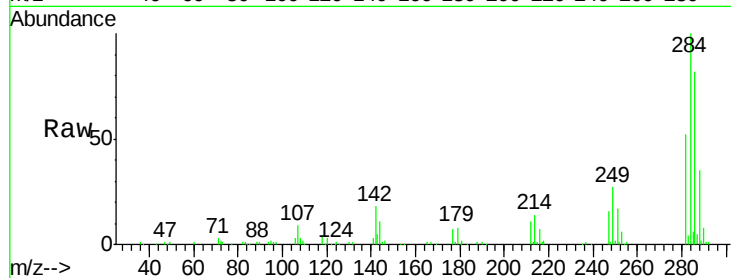
Tgt Ion:284 Resp: 184843

Ion Ratio Lower Upper

284 100

142 17.9 23.1 34.7#

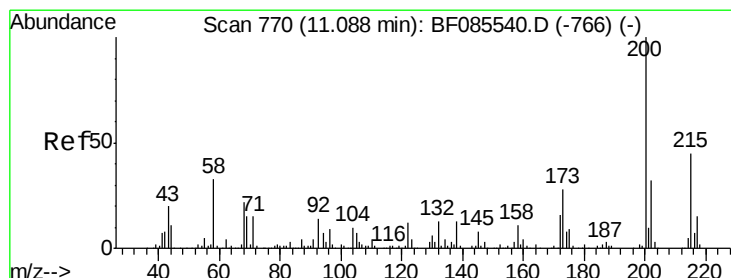
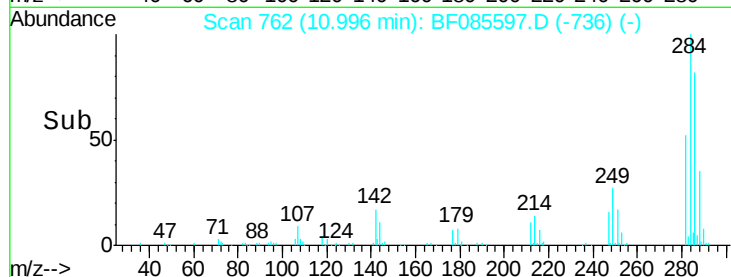
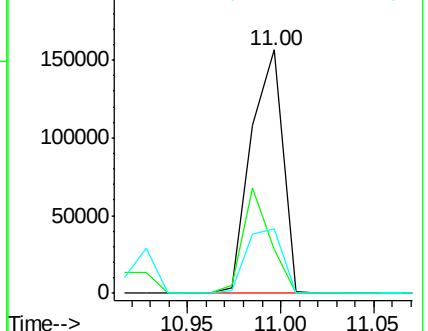
249 26.5 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 58.57 ng

RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

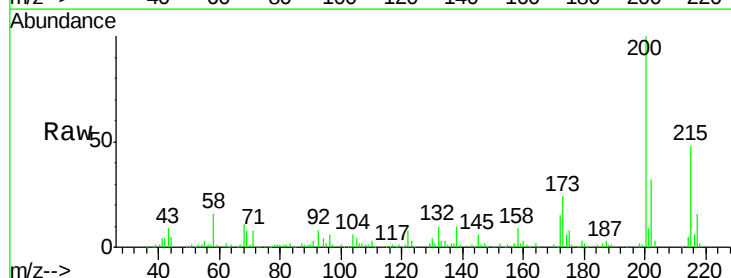
Tgt Ion:200 Resp: 191323

Ion Ratio Lower Upper

200 100

173 24.1 7.7 47.7

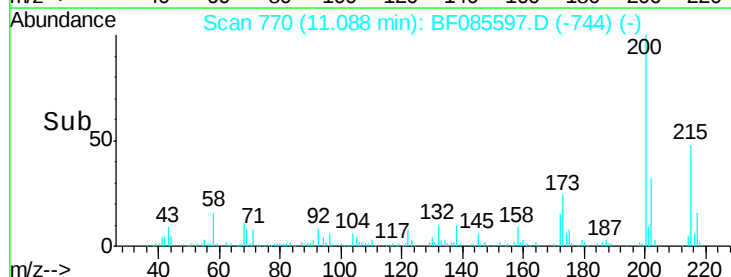
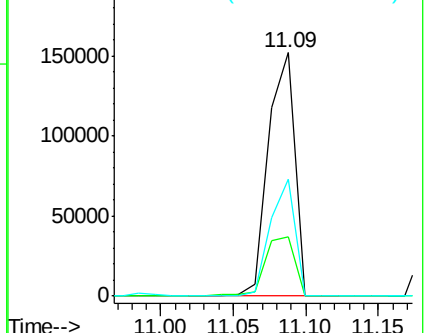
215 47.8 25.4 65.4

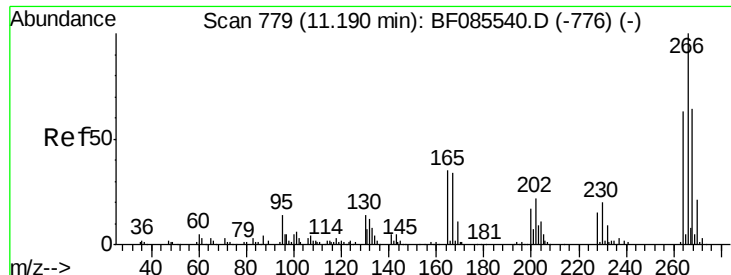


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

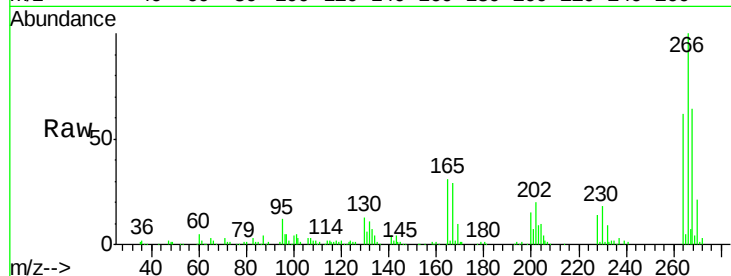




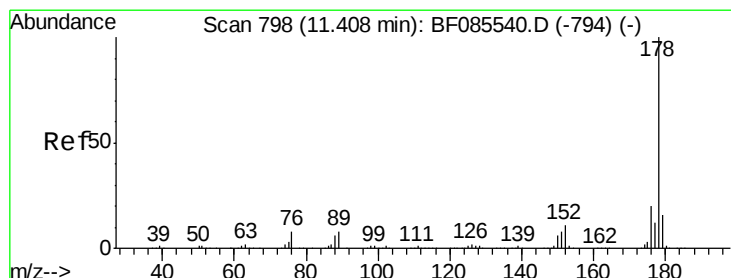
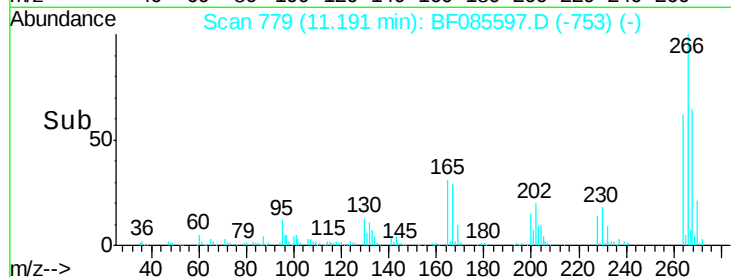
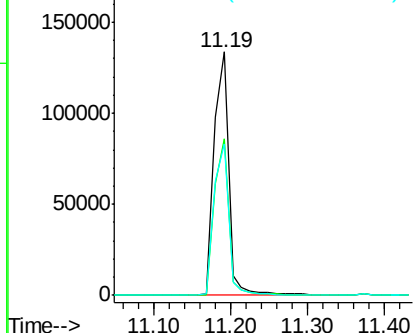
#69
 Pentachlorophenol
 Concen: 79.75 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion: 266 Resp: 176992
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 62.3 50.6 76.0

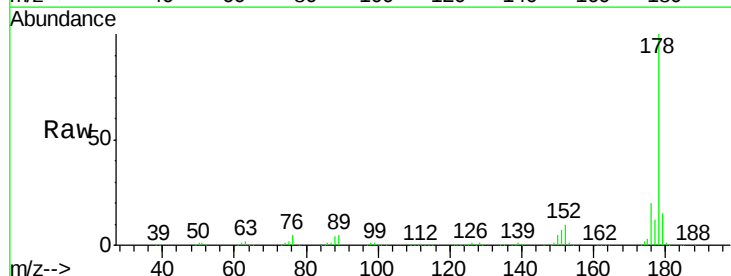


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

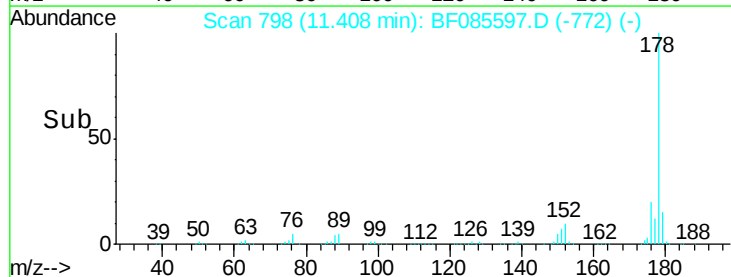
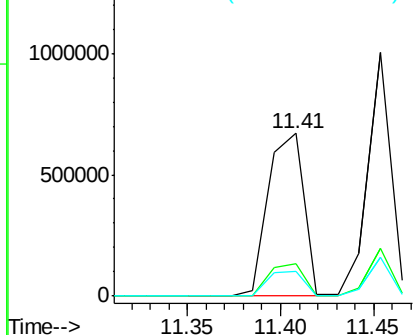


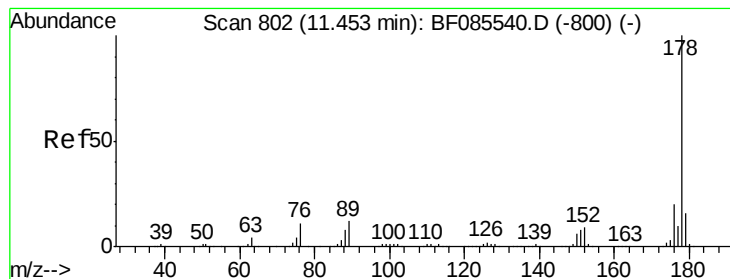
#70
 Phenanthrene
 Concen: 49.01 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion: 178 Resp: 890039
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.11 ng

RT: 11.45 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

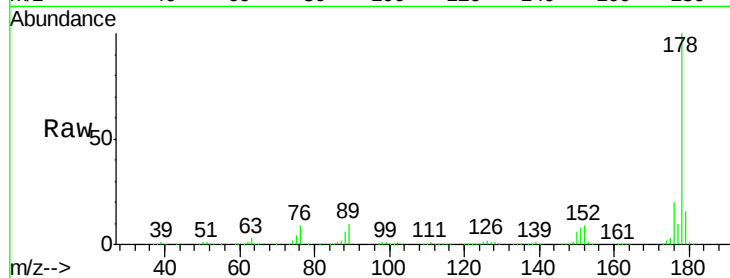
Tgt Ion:178 Resp: 858964

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

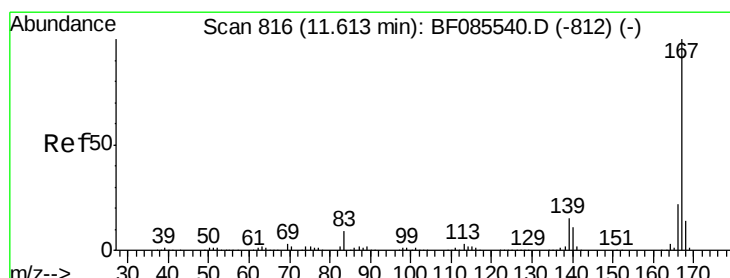
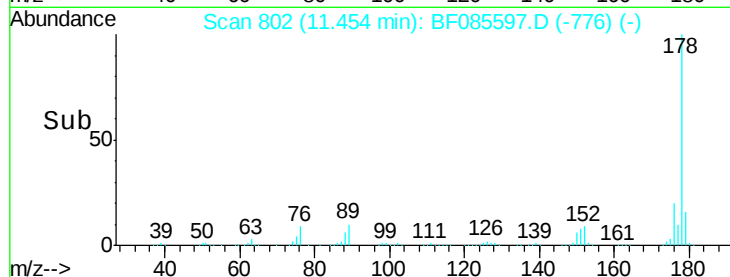
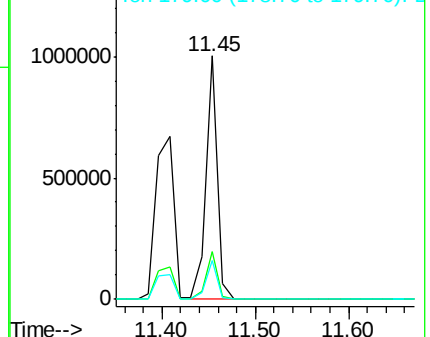
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.58 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

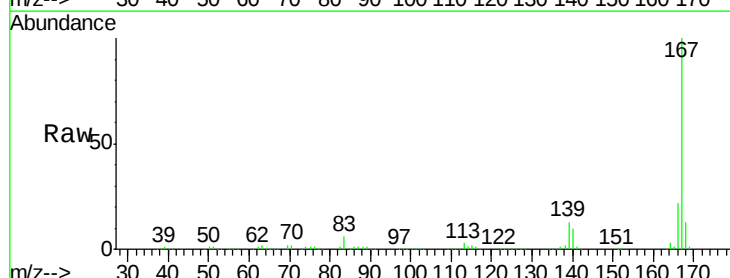
Tgt Ion:167 Resp: 781697

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

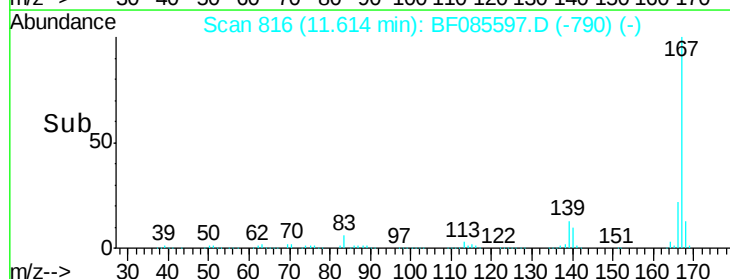
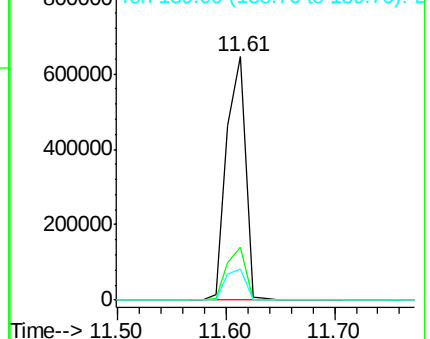
139 12.9 11.6 17.4

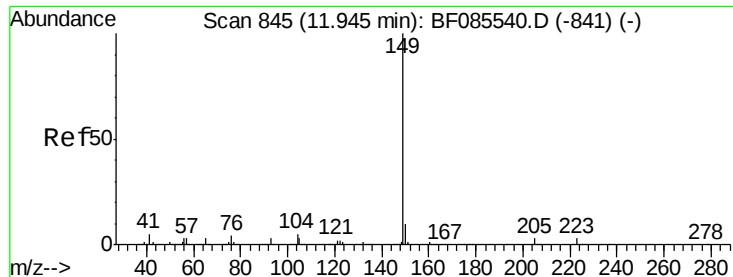


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.67 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

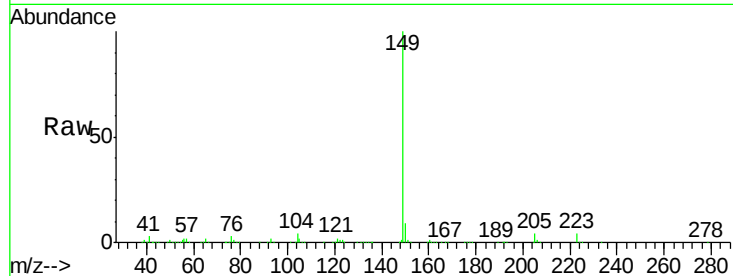
Tgt Ion:149 Resp: 1062861

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

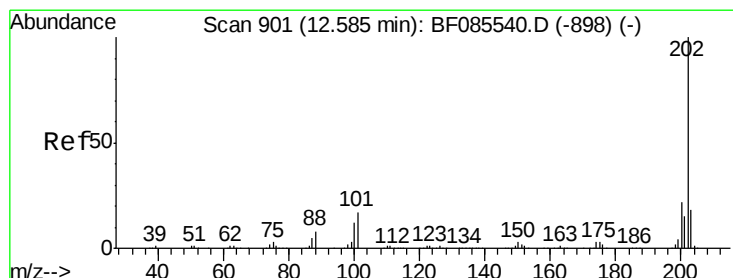
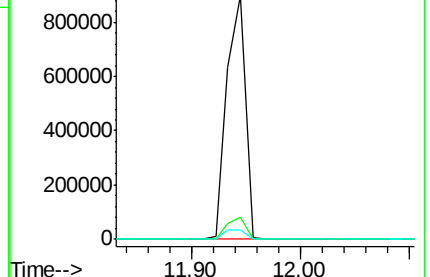
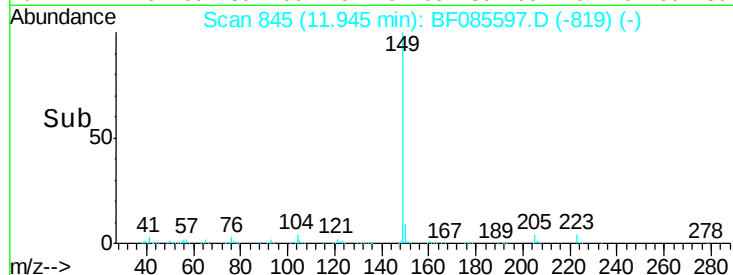
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.61 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

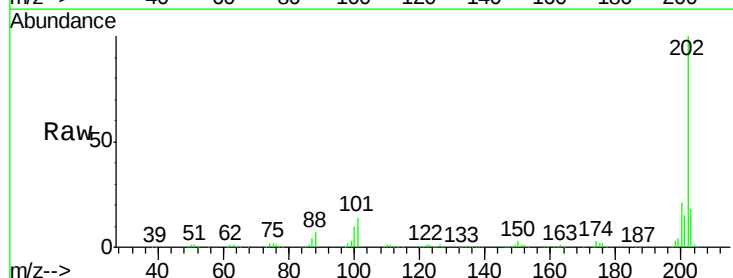
Tgt Ion:202 Resp: 715087

Ion Ratio Lower Upper

202 100

101 13.9 0.0 36.6

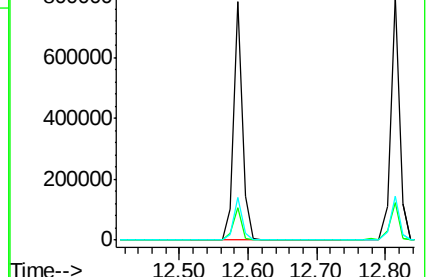
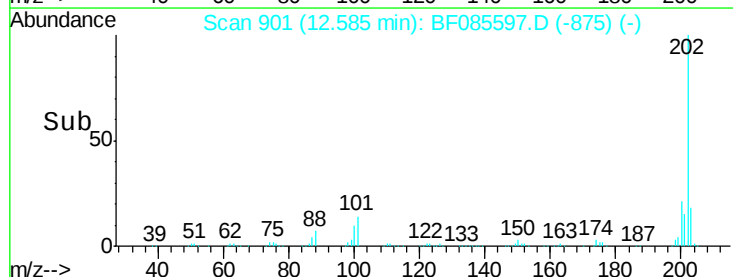
203 17.8 0.0 38.1

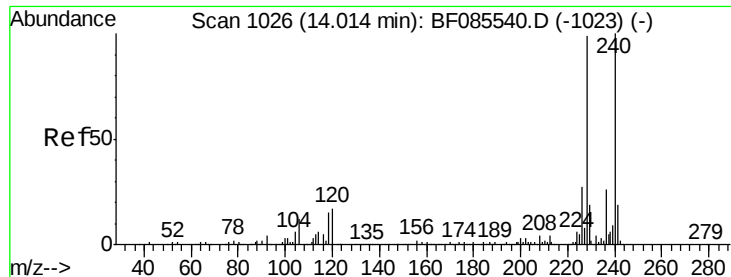


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

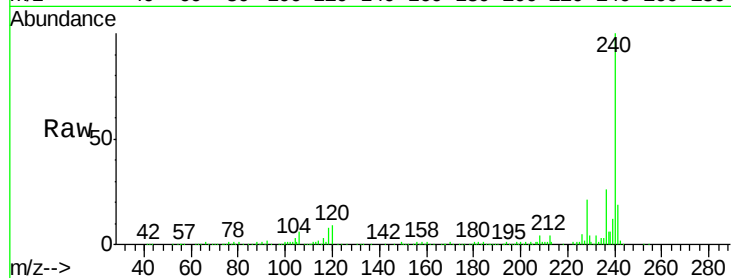
Tgt Ion:240 Resp: 236359

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

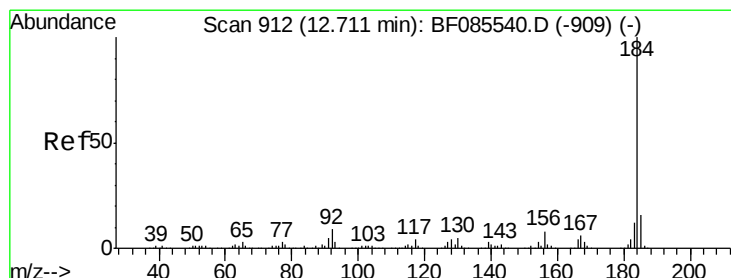
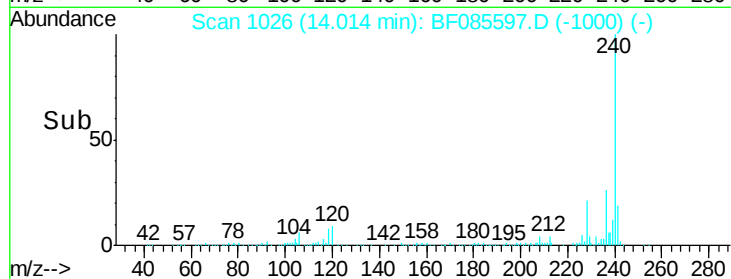
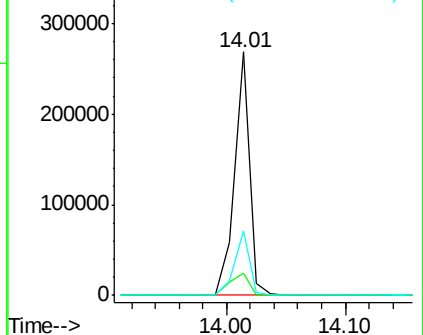
236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.56 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

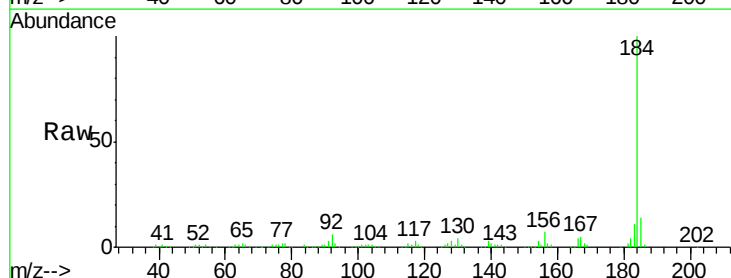
Tgt Ion:184 Resp: 242899

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

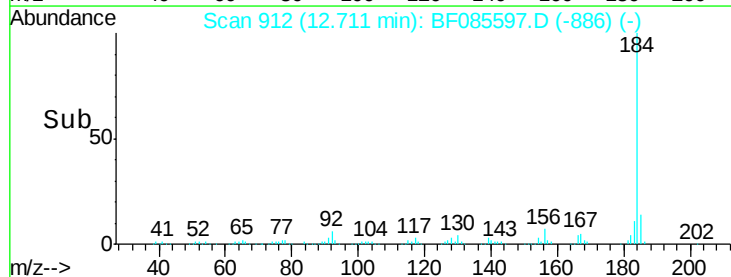
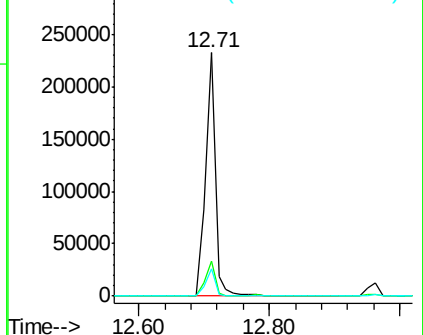
183 11.4 9.4 14.2

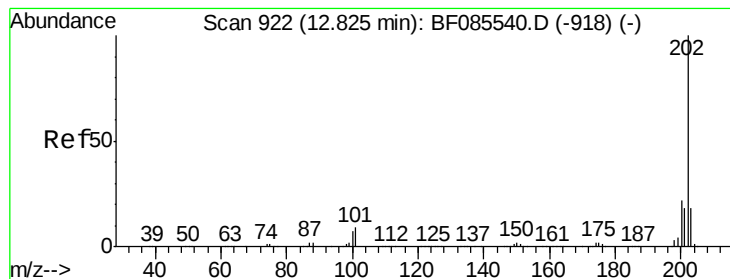


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.13 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

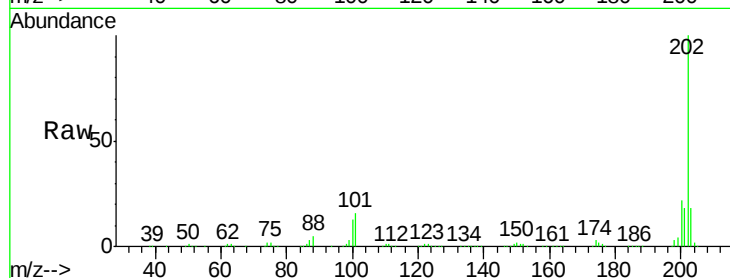
Tgt Ion:202 Resp: 714981

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

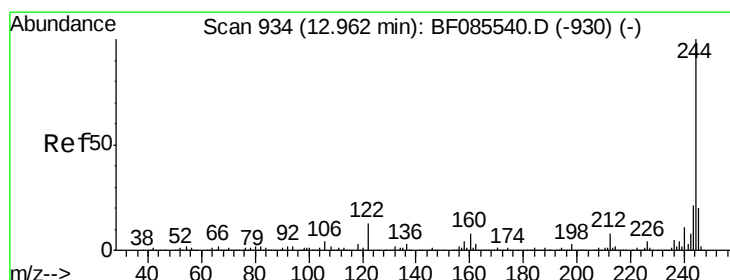
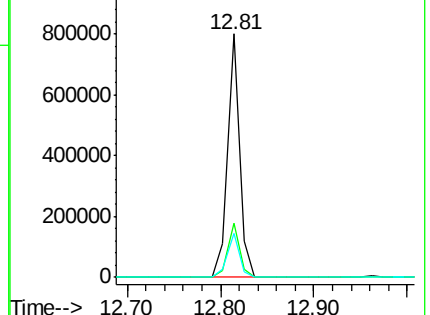
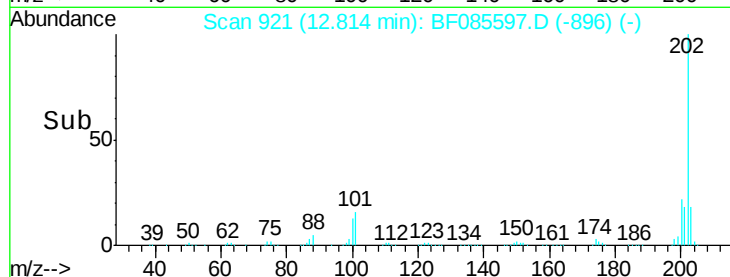
203 18.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.83 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

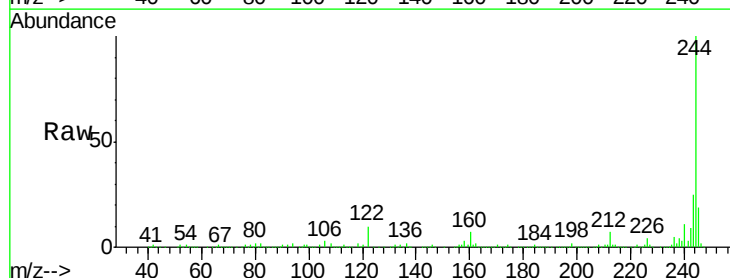
Tgt Ion:244 Resp: 980561

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

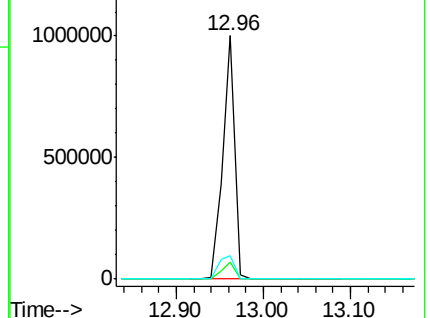
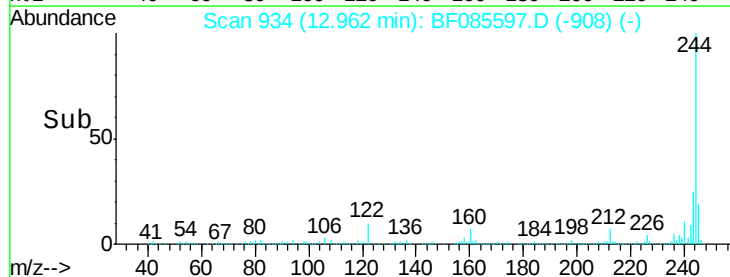
122 9.8 10.2 15.4#

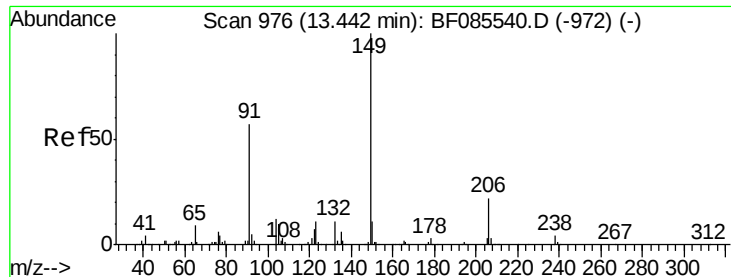


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.80 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

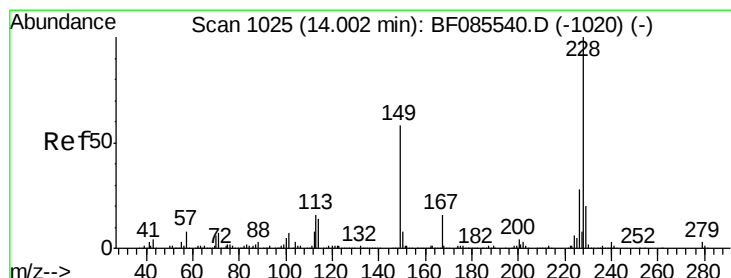
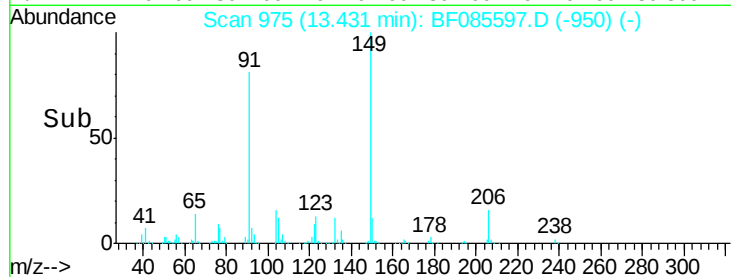
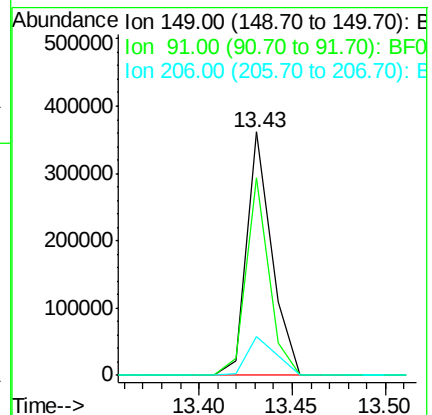
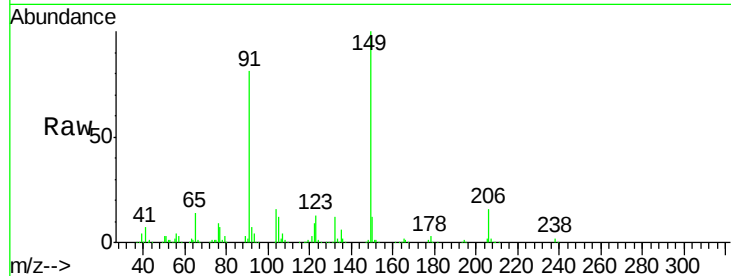
Tgt Ion:149 Resp: 338174

Ion Ratio Lower Upper

149 100

91 81.0 45.8 68.8#

206 15.8 17.8 26.8#



#80

Benzo(a)anthracene

Concen: 47.82 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

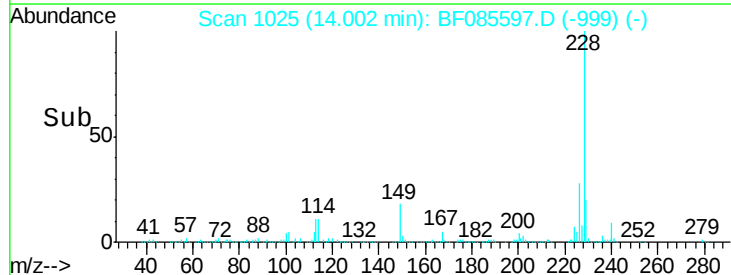
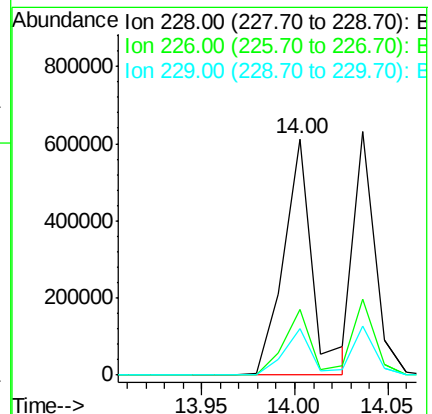
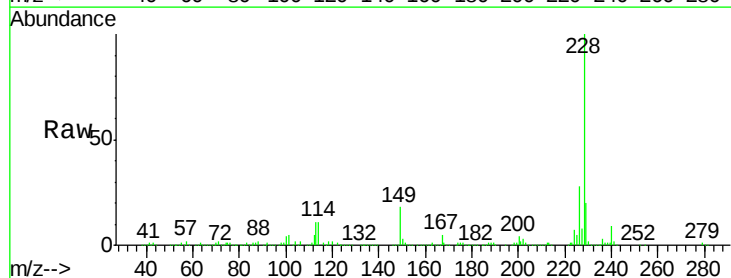
Tgt Ion:228 Resp: 656171

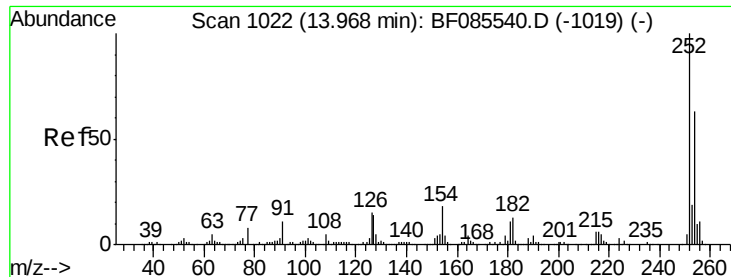
Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.7 16.2 24.4

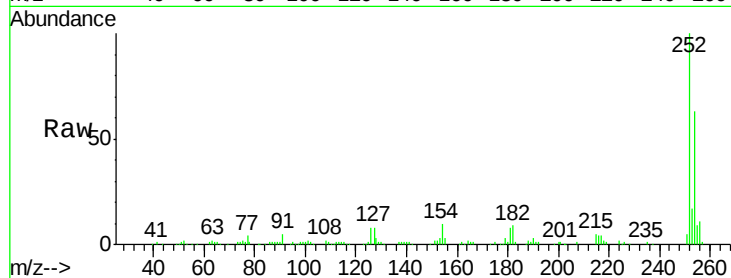




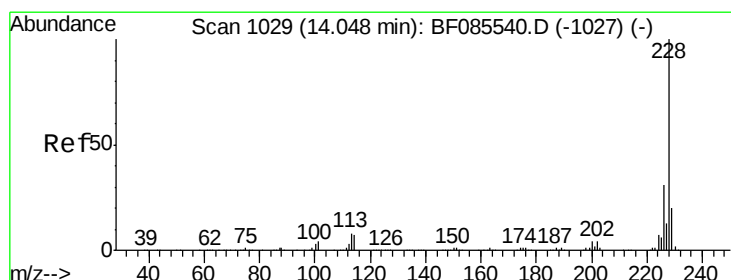
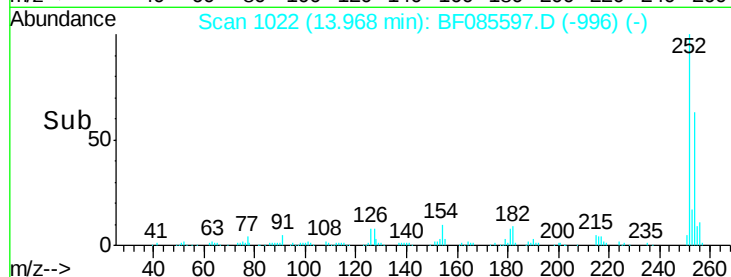
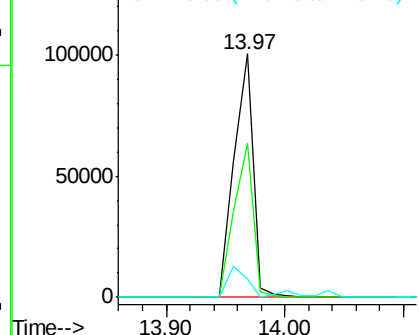
#81
 3,3'-Dichlorobenzidine
 Concen: 22.33 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	7.6	11.8	17.6

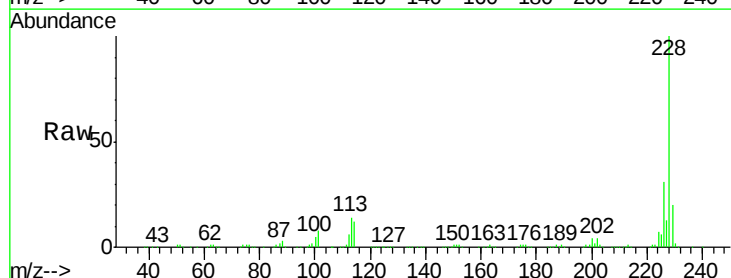


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

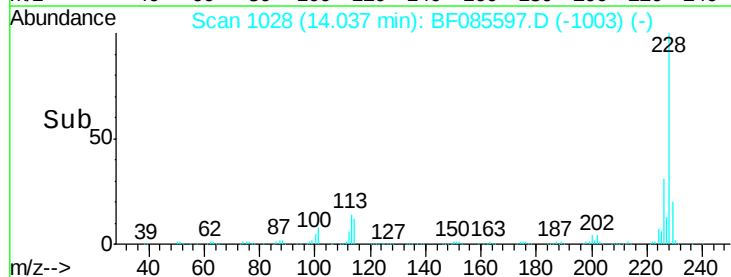
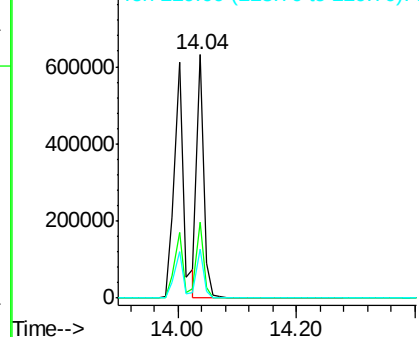


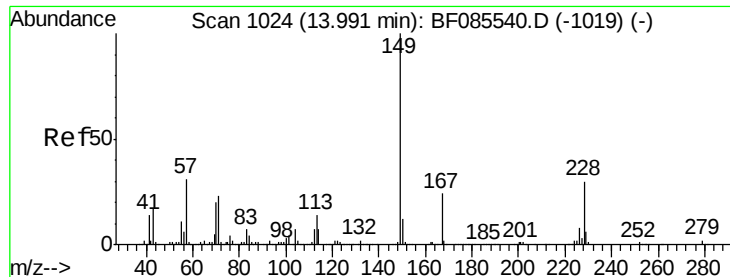
#82
 Chrysene
 Concen: 38.76 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

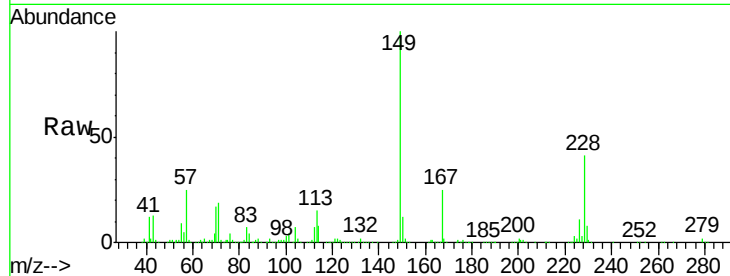




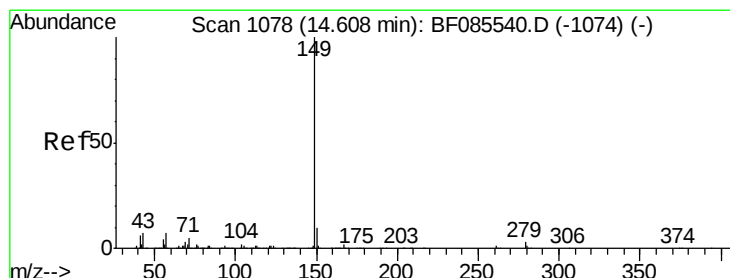
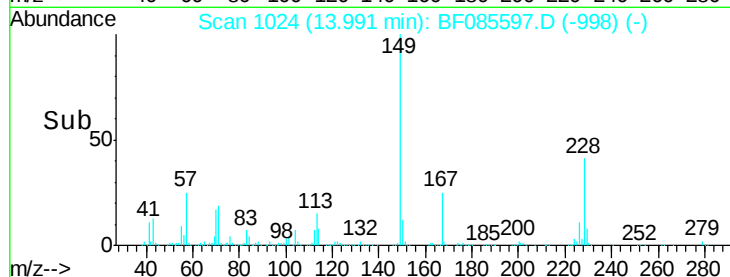
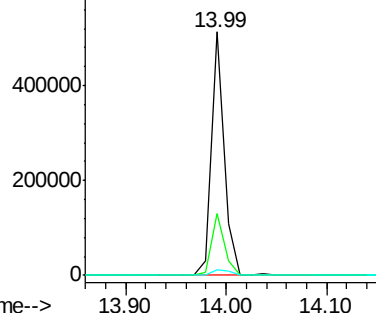
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.08 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

Tgt Ion:149 Resp: 453043
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.4 29.2
 279 2.5 1.5 2.3#

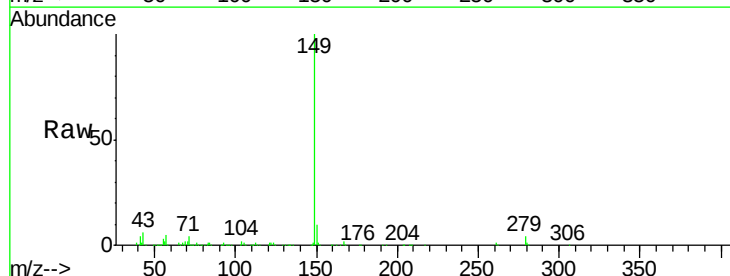


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

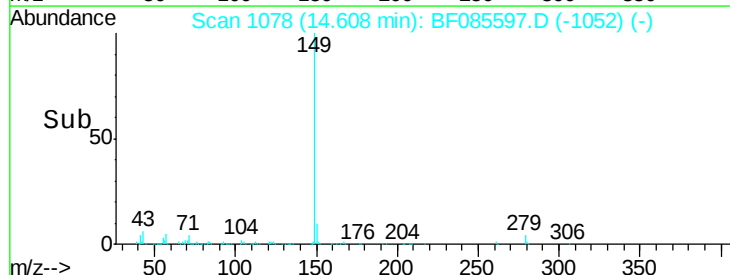
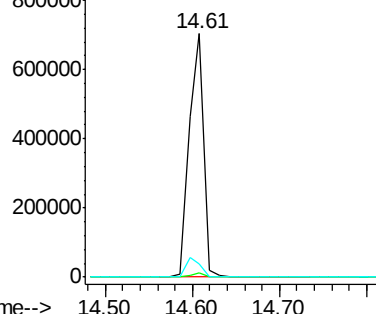


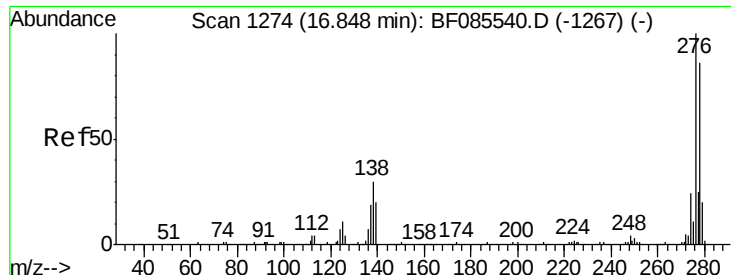
#84
 Di-n-octyl phthalate
 Concen: 50.50 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion:149 Resp: 827064
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

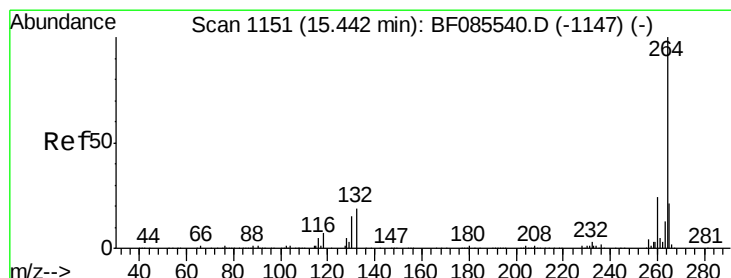
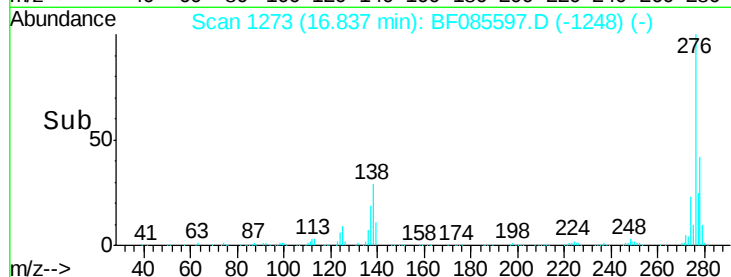
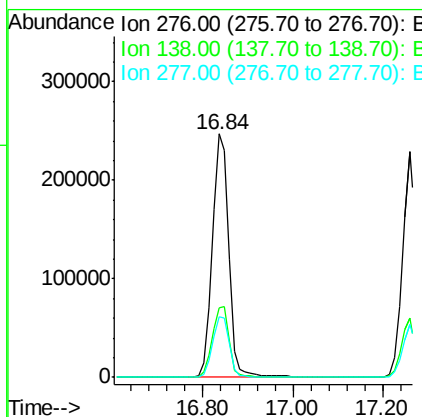
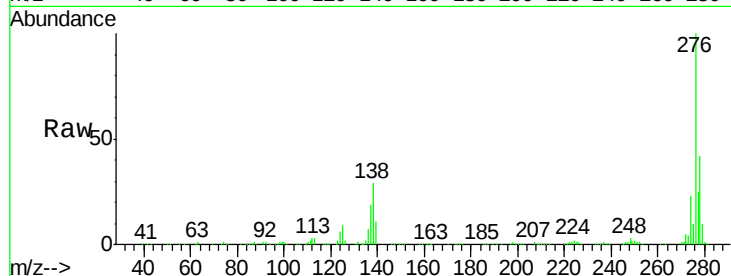




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.05 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

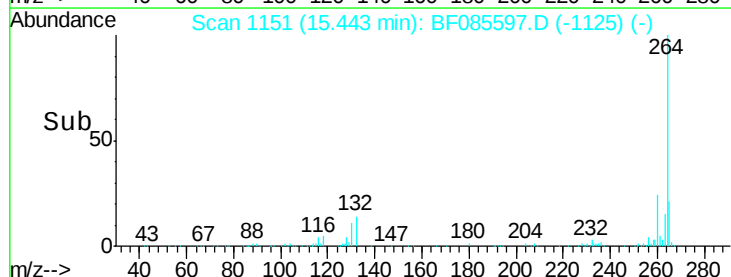
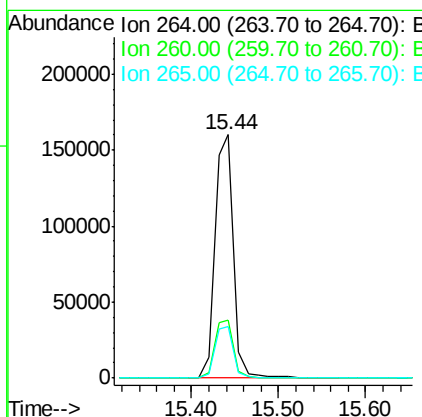
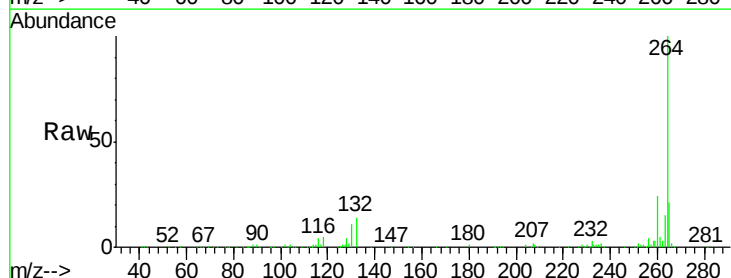
Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MS

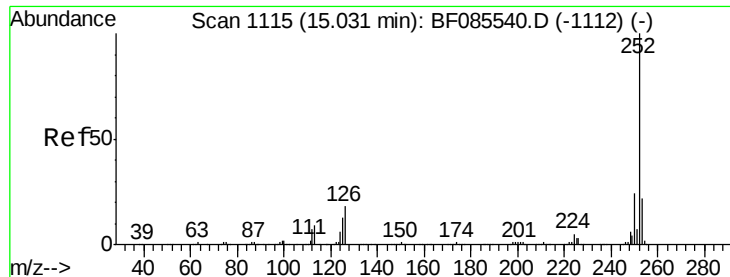
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085597.D
 Acq: 20 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.2	17.2	25.8

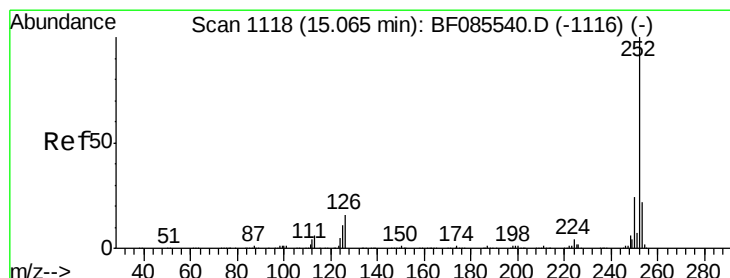
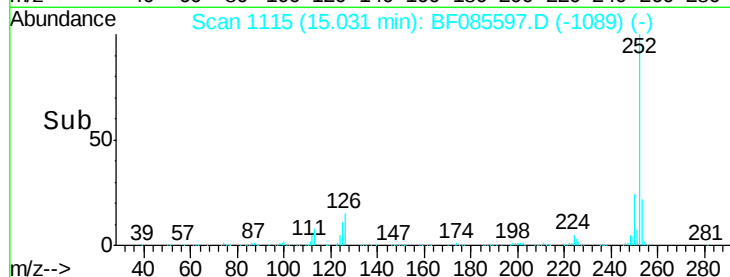
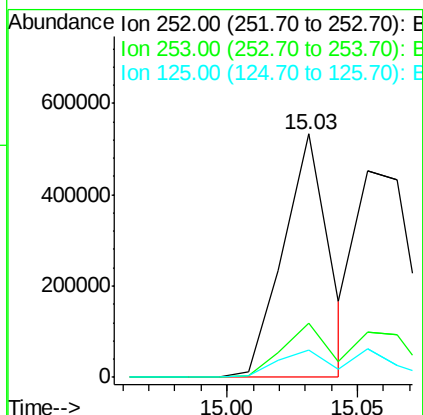
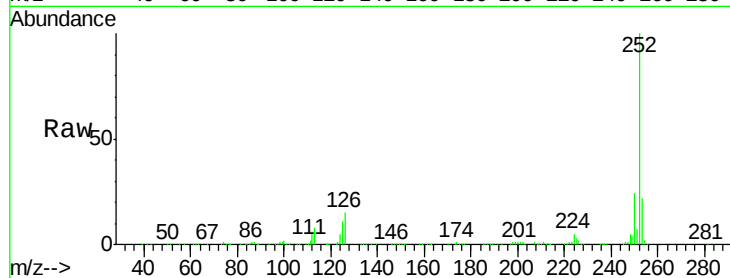




#87
Benzo(b)fluoranthene
Concen: 41.90 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

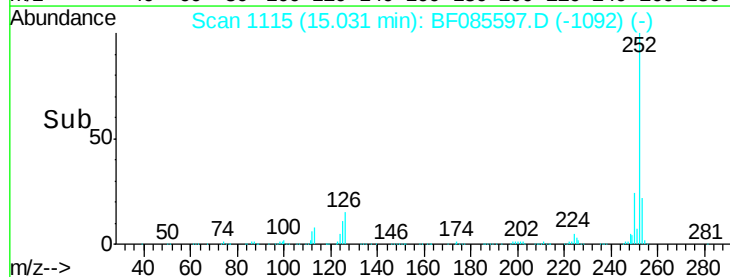
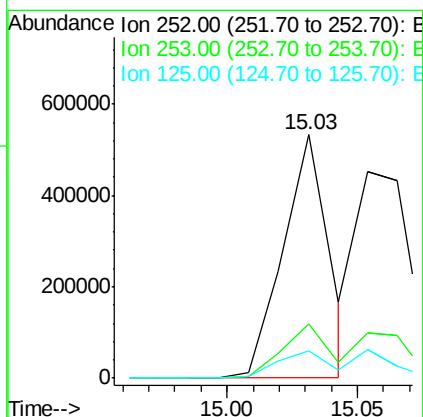
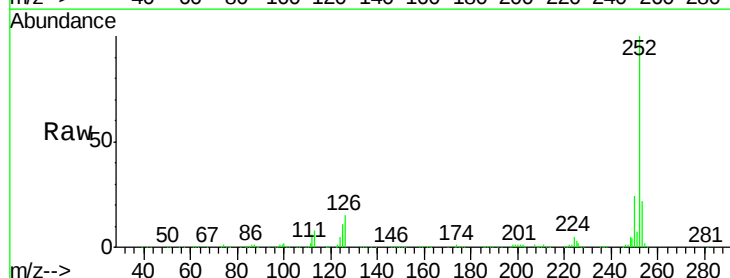
Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MS

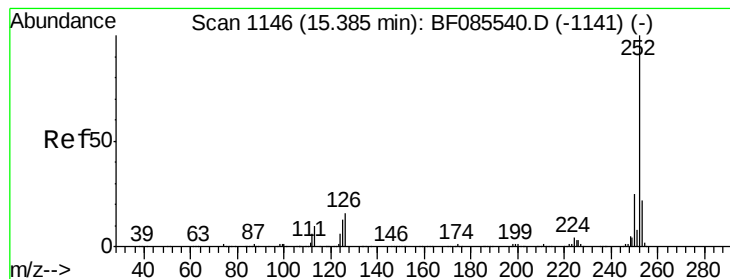
Tgt Ion:252 Resp: 648981
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 50.85 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085597.D
Acq: 20 Mar 2016 4:48

Tgt Ion:252 Resp: 648981
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.4 7.7 11.5





#89

Benzo(a)pyrene

Concen: 48.58 ng

RT: 15.39 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS

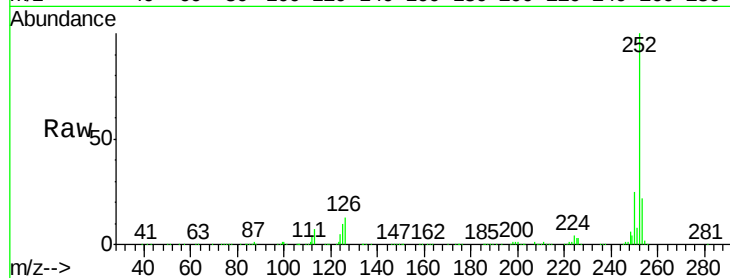
Tgt Ion:252 Resp: 637932

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

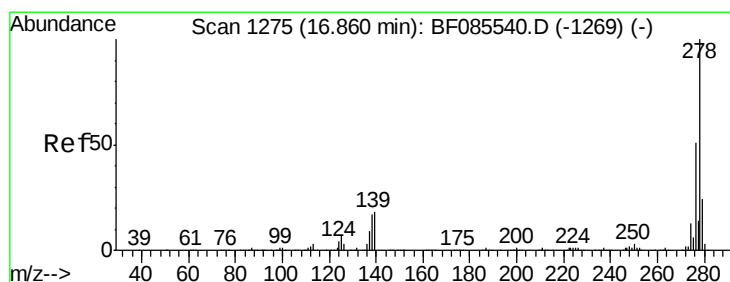
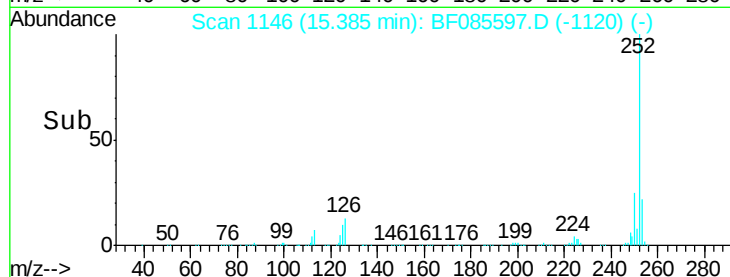
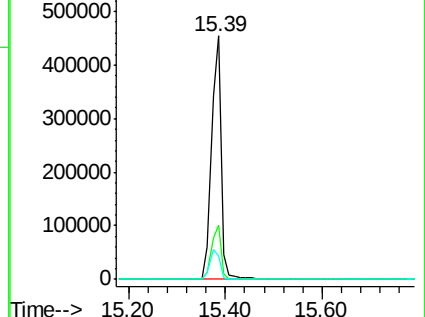
125 9.5 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.16 ng

RT: 16.86 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF085597.D

Acq: 20 Mar 2016 4:48

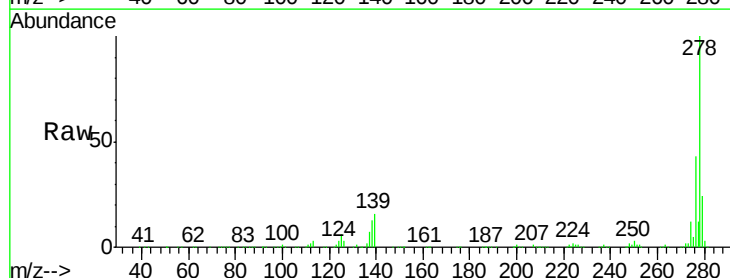
Tgt Ion:278 Resp: 549370

Ion Ratio Lower Upper

278 100

139 15.6 14.4 21.6

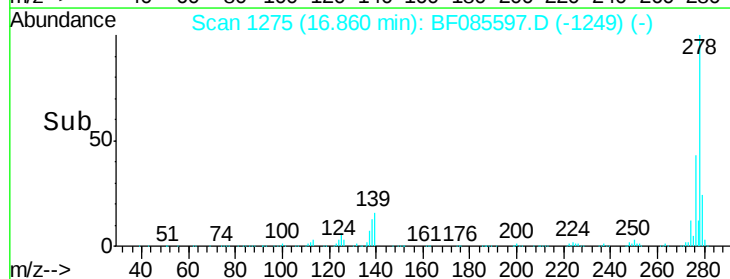
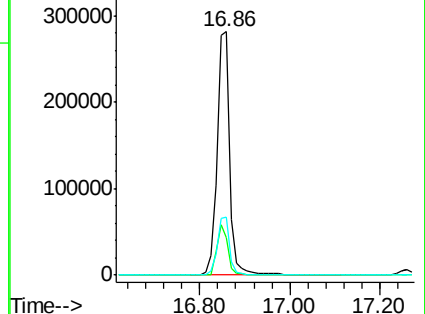
279 23.6 19.1 28.7

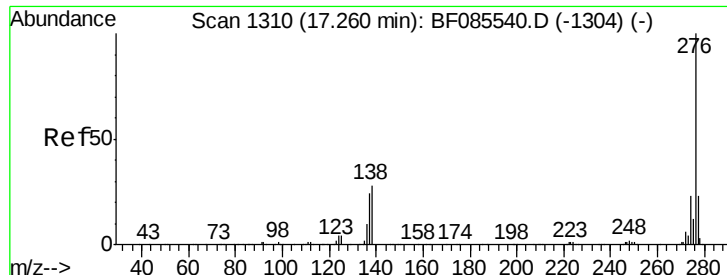


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.12 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF085597.D

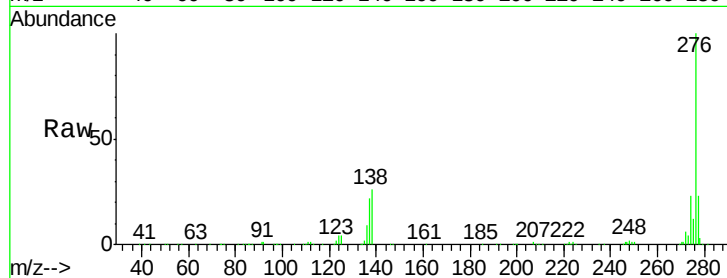
Acq: 20 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MS



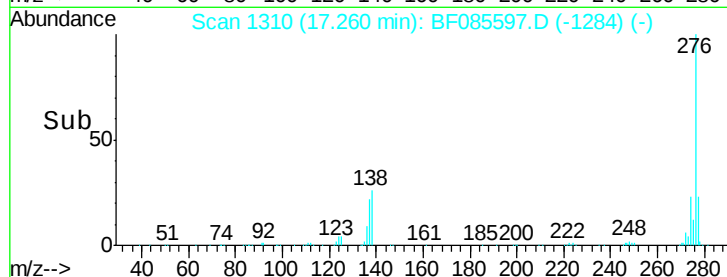
Tgt Ion: 276 Resp: 488921

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

