

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085624.D
 Acq On : 21 Mar 2016 16:09
 Operator : UM/SJ
 Sample : H1788-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Quant Time: Mar 22 00:03:35 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	6.85	152	139153	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	552231	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	265789	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	473044	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	330602	20.00	ng	-0.01
86) Perylene-d12	15.42	264	236899	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1018306	122.92	ng	0.00
7) Phenol-d6	6.48	99	1418728	133.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	913646	96.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	315975	121.36	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1493109	100.34	ng	-0.01
78) Terphenyl-d14	12.95	244	1200840	87.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	153594	38.14	ng	99
3) Pyridine	3.22	79	378604	38.29	ng	99
4) n-Nitrosodimethylamine	3.17	42	186382	45.15	ng	98
6) Aniline	6.52	93	404768	28.36	ng	95
8) 2-Chlorophenol	6.63	128	422342	44.07	ng	96
9) Benzaldehyde	6.39	77	90389	14.91	ng	94
10) Phenol	6.50	94	506872	41.88	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	394413	43.23	ng	99
12) 1,3-Dichlorobenzene	7.02	146	425752	40.77	ng	97
13) 1,4-Dichlorobenzene	6.86	146	435920	40.92	ng	99
14) 1,2-Dichlorobenzene	7.02	146	426139	45.05	ng	99
15) Benzyl Alcohol	7.00	79	352224	48.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	531512	44.30	ng	97
17) 2-Methylphenol	7.11	107	375900	47.32	ng	100
18) Hexachloroethane	7.35	117	173045	44.99	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	293541	46.25	ng	99
20) 3+4-Methylphenols	7.26	107	380981	41.40	ng	95
22) Acetophenone	7.26	105	529325	40.39	ng	# 99
24) Nitrobenzene	7.43	77	430493	41.34	ng	99
25) Isophorone	7.67	82	843548	44.29	ng	99
26) 2-Nitrophenol	7.75	139	258212	50.17	ng	96
27) 2,4-Dimethylphenol	7.78	122	383654	42.15	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	544600	50.27	ng	100
29) 2,4-Dichlorophenol	7.99	162	340852	45.35	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	362162	43.02	ng	98
31) Naphthalene	8.15	128	1153403	41.38	ng	100
32) Benzoic acid	7.89	122	81090	10.66	ng	91
33) 4-Chloroaniline	8.20	127	208885	18.28	ng	# 93
34) Hexachlorobutadiene	8.28	225	195180	43.50	ng	99
35) Caprolactam	8.63	113	53827	20.81	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	393715	44.85	ng	99
37) 2-Methylnaphthalene	8.85	142	855325	50.34	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	305246	37.86	ng	99
40) Hexachlorocyclopentadiene	9.00	237	311182	85.64	ng	100

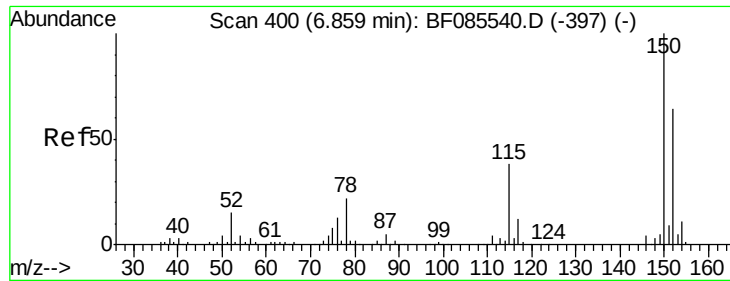
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	237267	42.99	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	248632	44.27	ng #	90
45) 1,1'-Biphenyl	9.30	154	874696	38.15	ng	99
46) 2-Chloronaphthalene	9.33	162	707468	42.24	ng #	91
47) 2-Nitroaniline	9.43	65	234389	46.26	ng	100
48) Acenaphthylene	9.75	152	1195629	44.11	ng	99
49) Dimethylphthalate	9.61	163	1005763	50.15	ng	100
50) 2,6-Dinitrotoluene	9.67	165	178987	42.27	ng	94
51) Acenaphthene	9.92	154	743071	43.69	ng	99
52) 3-Nitroaniline	9.84	138	158283	29.85	ng	96
53) 2,4-Dinitrophenol	9.96	184	172258	66.41	ng #	62
54) Dibenzofuran	10.09	168	1011018	48.81	ng	99
55) 4-Nitrophenol	10.01	139	319276	77.90	ng	100
56) 2,4-Dinitrotoluene	10.08	165	274311	49.48	ng #	82
57) Fluorene	10.44	166	783245	45.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	186325	46.07	ng	97
59) Diethylphthalate	10.31	149	799737	40.11	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	353666	41.95	ng	95
61) 4-Nitroaniline	10.46	138	201752	38.59	ng	93
62) Azobenzene	10.58	77	876446	45.80	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	135148	44.65	ng #	51
65) n-Nitrosodiphenylamine	10.55	169	722286	49.02	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	234201	49.56	ng	93
67) Hexachlorobenzene	10.98	284	252290	50.25	ng	96
68) Atrazine	11.08	200	229383	51.13	ng	100
69) Pentachlorophenol	11.18	266	252181	82.73	ng	100
70) Phenanthrene	11.40	178	1191576	47.77	ng	100
71) Anthracene	11.44	178	1048446	40.09	ng	100
72) Carbazole	11.60	167	1077541	47.76	ng	99
73) Di-n-butylphthalate	11.93	149	1329049	47.04	ng	99
74) Fluoranthene	12.57	202	1040228	39.83	ng	98
76) Benzidine	12.70	184	94808	8.53	ng	98
77) Pyrene	12.80	202	1055498	44.46	ng	99
79) Butylbenzylphthalate	13.42	149	463355	40.95	ng #	71
80) Benzo(a)anthracene	13.99	228	819382	42.69	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	166124	23.62	ng #	95
82) Chrysene	14.03	228	675175	36.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	549108	39.06	ng #	99
84) Di-n-octyl phthalate	14.60	149	890620	38.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	713490	46.24	ng	99
87) Benzo(b)fluoranthene	15.02	252	1296270	83.86	ng #	97
88) Benzo(k)fluoranthene	15.02	252	1296730	101.82	ng	99
89) Benzo(a)pyrene	15.36	252	609558	46.51	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	603200	55.19	ng	98
91) Benzo(g,h,i)perylene	17.24	276	614692	58.10	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

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SB-1(8-9)MS

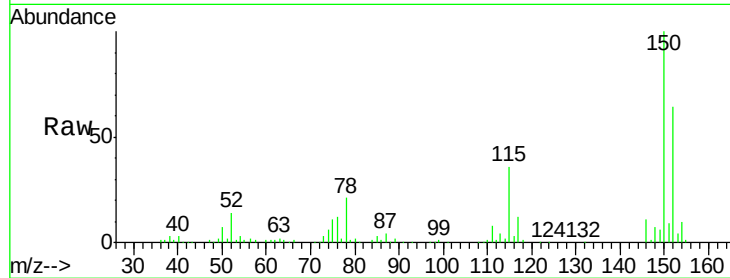
Tgt Ion:152 Resp: 139153

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

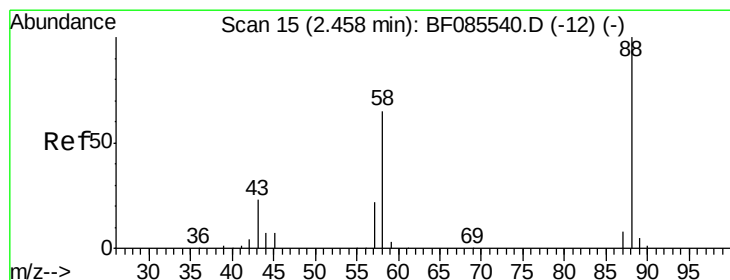
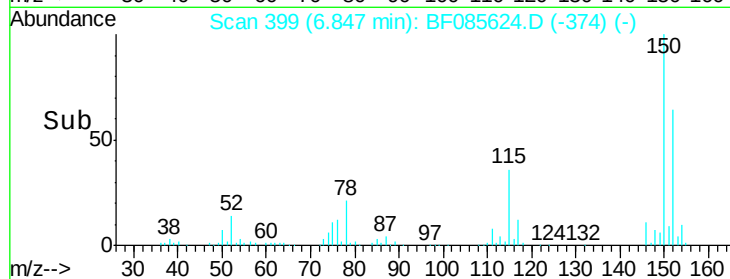
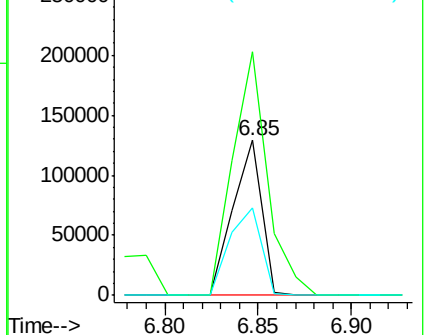
115 56.4 47.0 70.6



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: 38.14 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

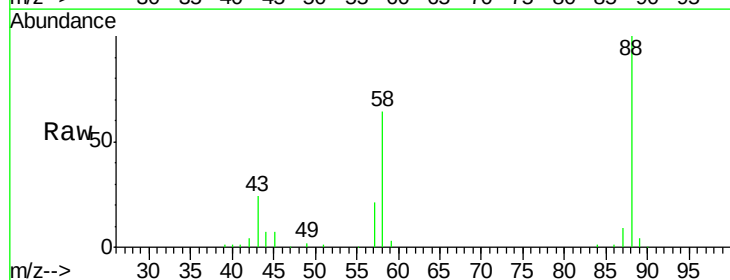
Tgt Ion: 88 Resp: 153594

Ion Ratio Lower Upper

88 100

58 67.0 54.2 81.2

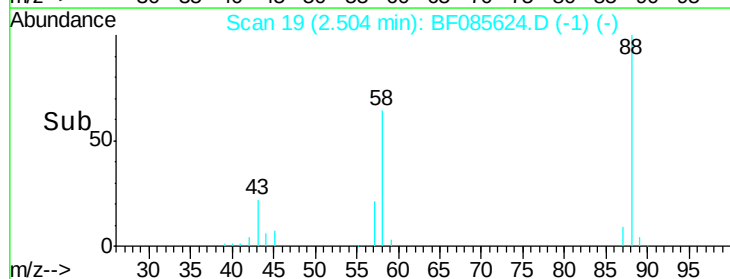
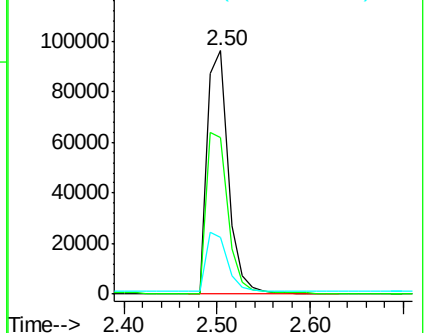
43 23.9 19.3 28.9

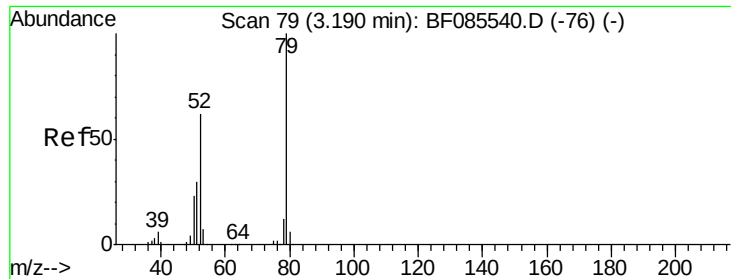


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.29 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

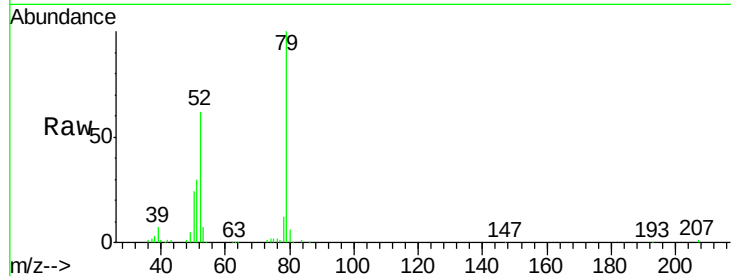
Tgt Ion: 79 Resp: 378604

Ion Ratio Lower Upper

79 100

52 62.5 49.8 74.6

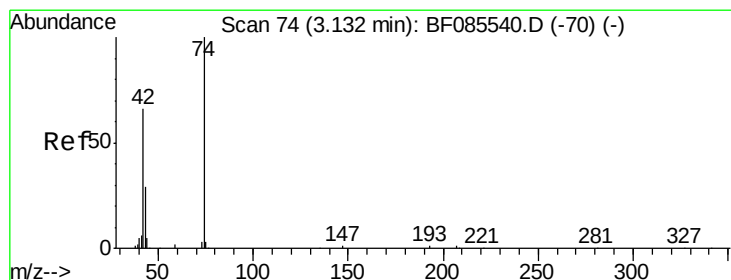
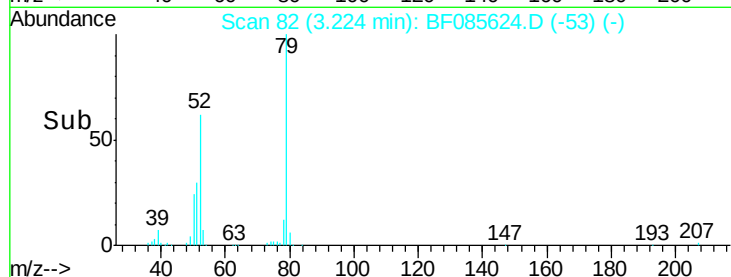
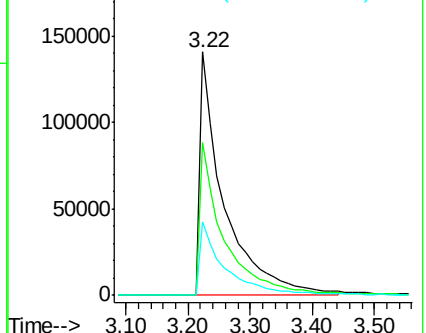
51 30.4 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.15 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

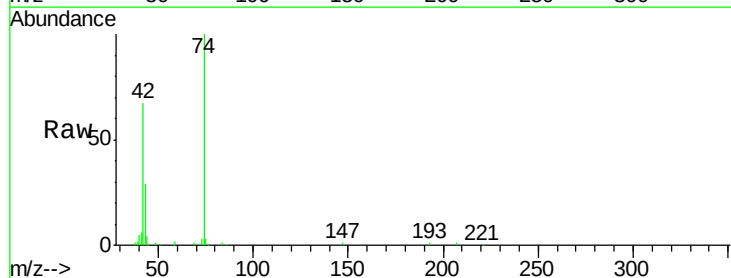
Tgt Ion: 42 Resp: 186382

Ion Ratio Lower Upper

42 100

74 149.2 121.4 182.2

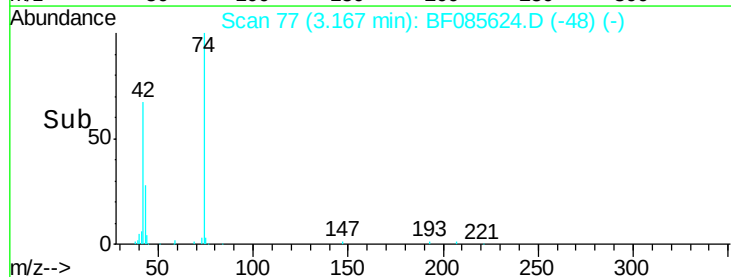
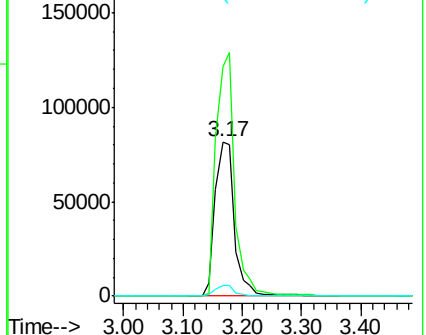
44 6.7 5.6 8.4

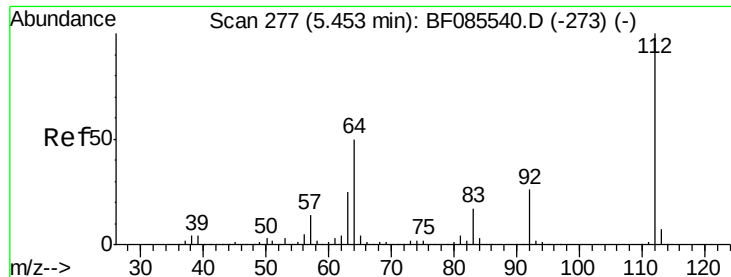


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.92 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

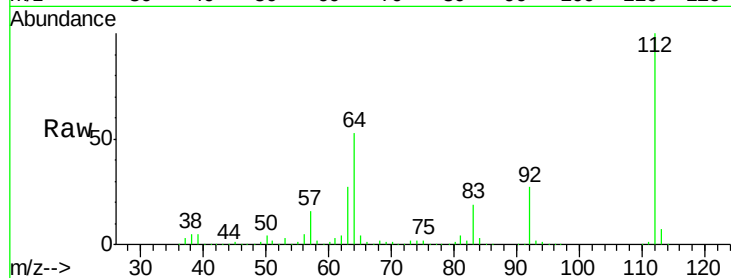
Tgt Ion: 112 Resp: 1018306

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

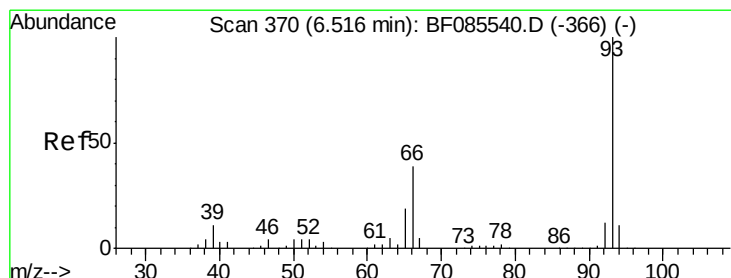
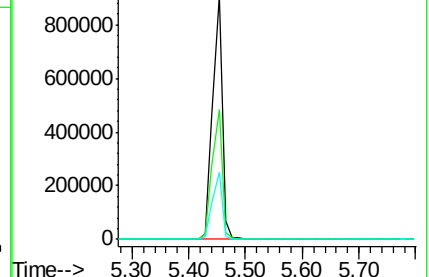
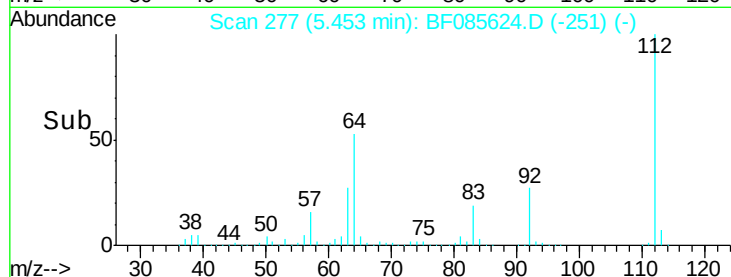
63 27.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): BF085540.D (-273) (-)

Ion 64.00 (63.70 to 64.70): BF085540.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BF085540.D (-273) (-)



#6

Aniline

Concen: 28.36 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

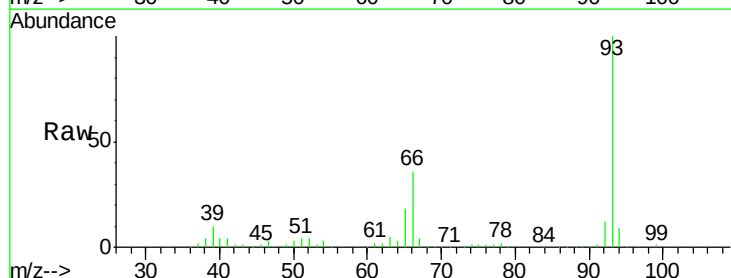
Tgt Ion: 93 Resp: 404768

Ion Ratio Lower Upper

93 100

66 35.9 31.4 47.2

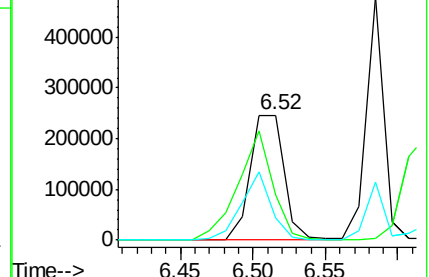
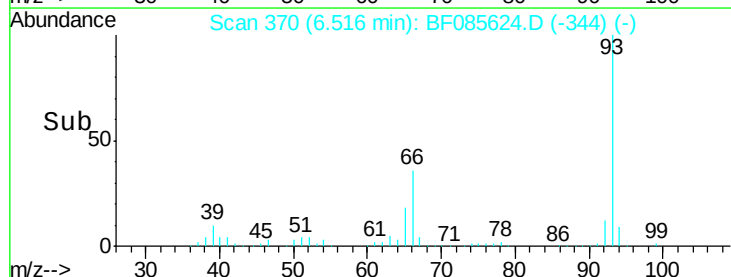
65 17.9 15.7 23.5

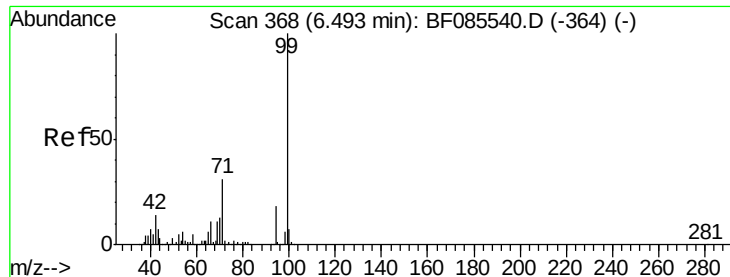


Abundance Ion 93.00 (92.70 to 93.70): BF085540.D (-366) (-)

Ion 66.00 (65.70 to 66.70): BF085540.D (-366) (-)

Ion 65.00 (64.70 to 65.70): BF085540.D (-366) (-)





#7

Phenol-d6

Concen: 133.52 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

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ClientSampleId :

SB-1(8-9)MS

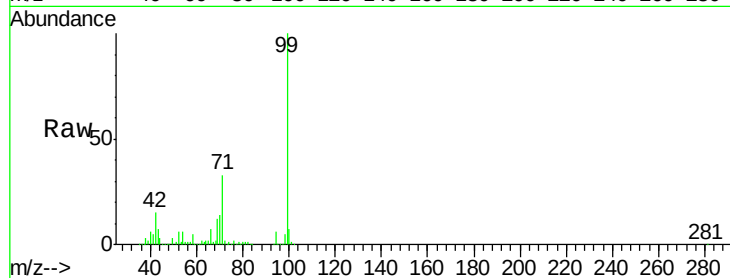
Tgt Ion: 99 Resp: 1418728

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

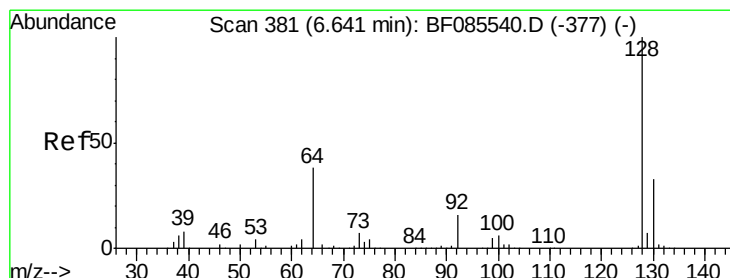
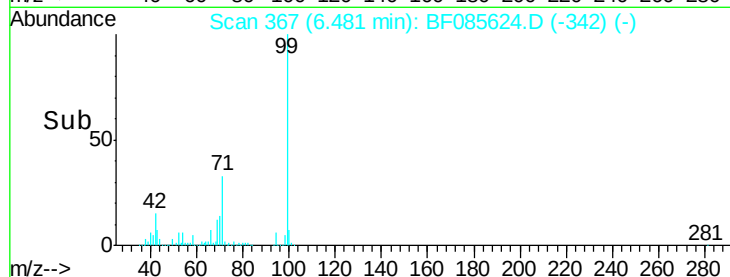
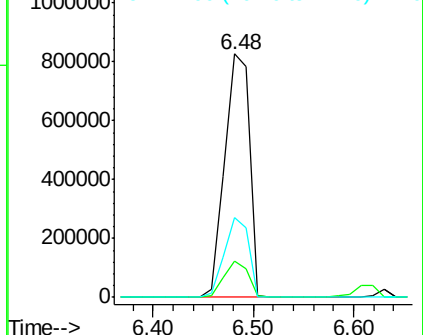
71 32.7 24.9 37.3



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: 44.07 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

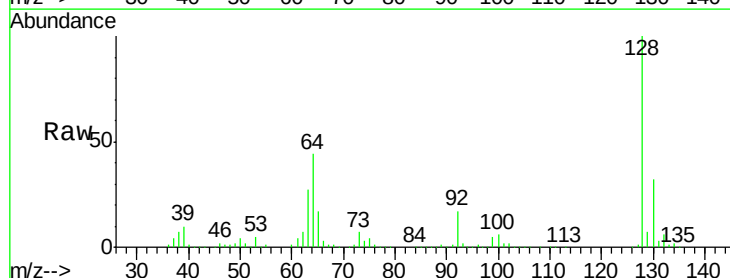
Tgt Ion: 128 Resp: 422342

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

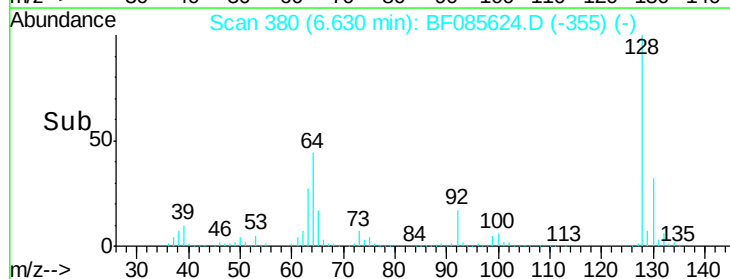
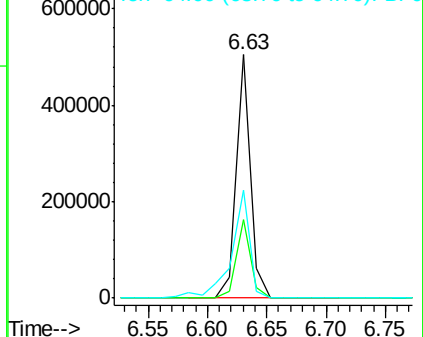
64 44.3 20.2 60.2

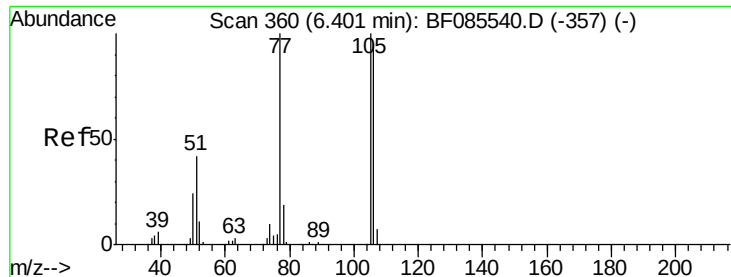


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.91 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

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SB-1(8-9)MS

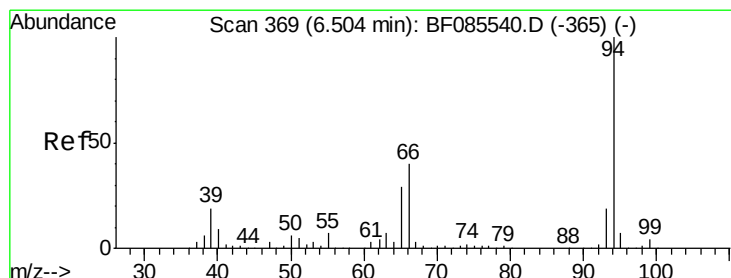
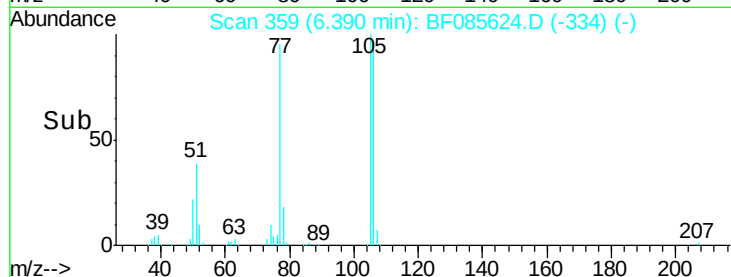
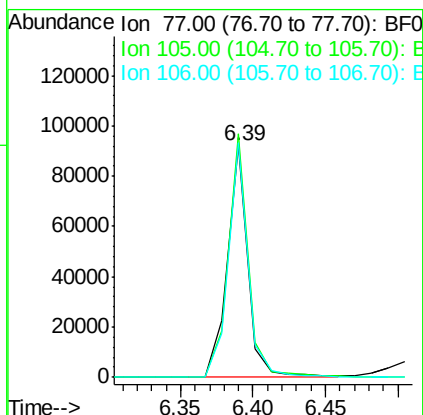
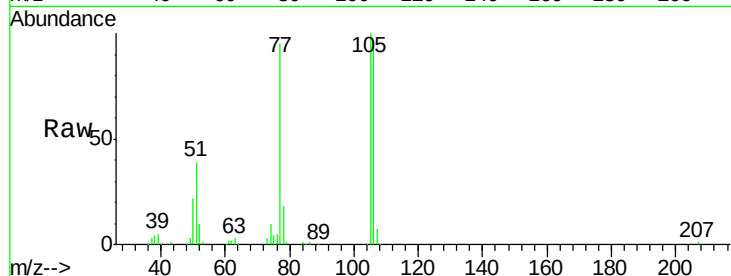
Tgt Ion: 77 Resp: 90389

Ion Ratio Lower Upper

77 100

105 105.0 80.1 120.1

106 101.4 75.0 115.0



#10

Phenol

Concen: 41.88 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

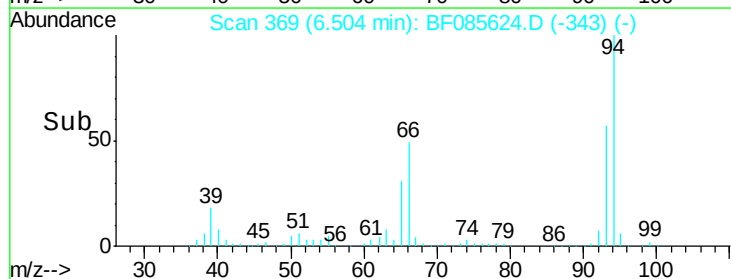
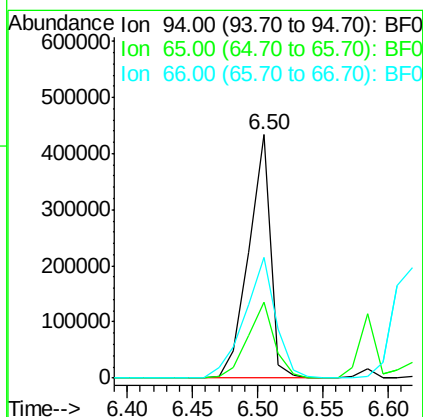
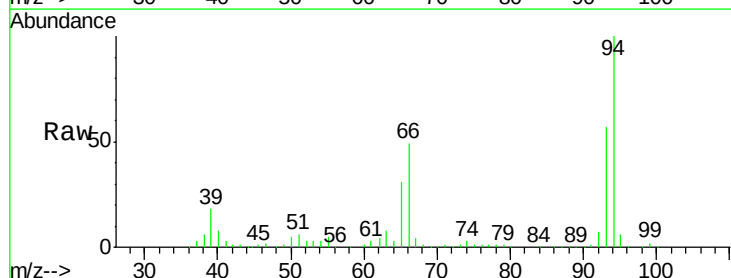
Tgt Ion: 94 Resp: 506872

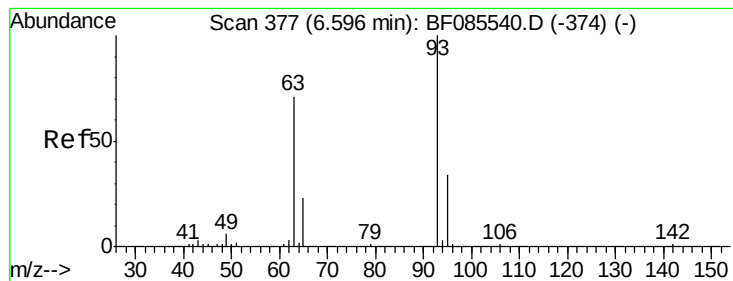
Ion Ratio Lower Upper

94 100

65 31.0 8.6 48.6

66 49.4 20.0 60.0

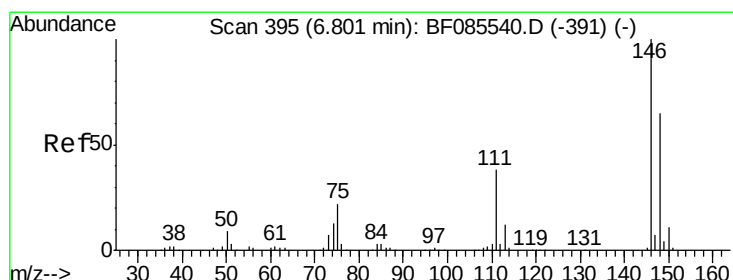
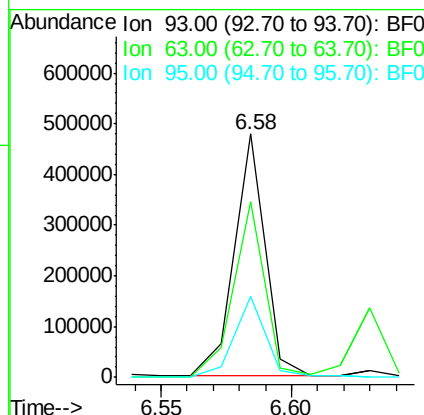
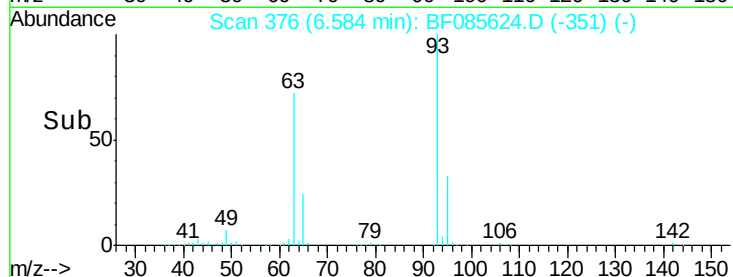
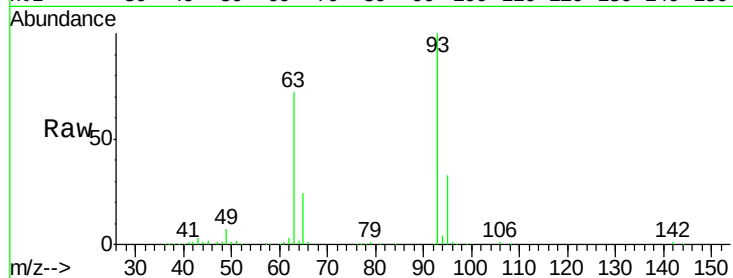




#11
bis(2-Chloroethyl)ether
Concen: 43.23 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

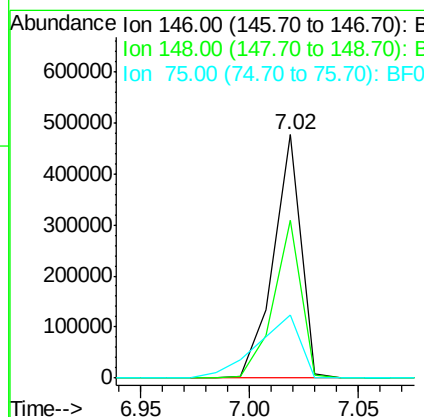
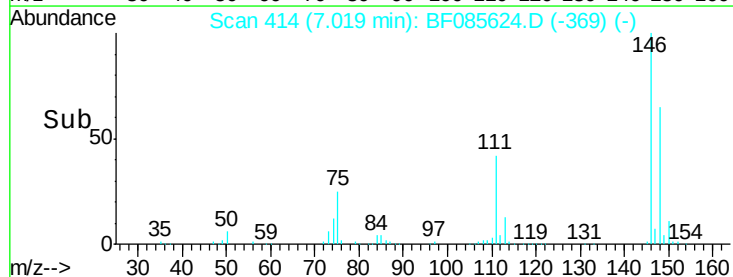
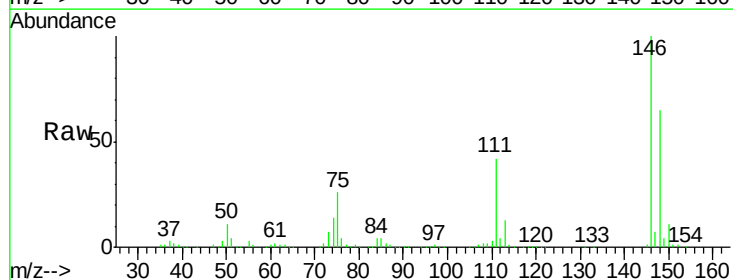
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

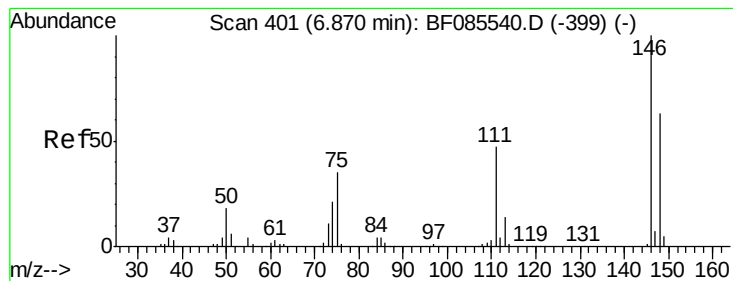
Tgt Ion: 93 Resp: 394413
Ion Ratio Lower Upper
93 100
63 72.4 50.9 90.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.77 ng
RT: 7.02 min Scan# 414
Delta R.T. 0.22 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion: 146 Resp: 425752
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
75 26.0 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 40.92 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

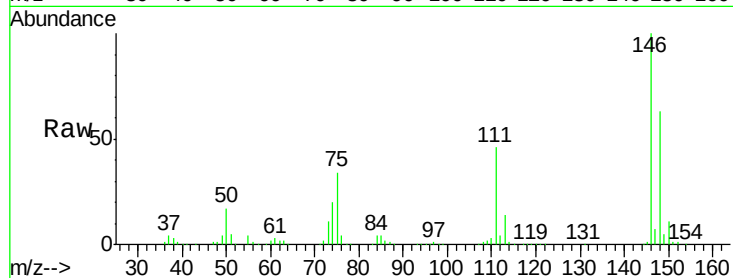
Tgt Ion:146 Resp: 435920

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

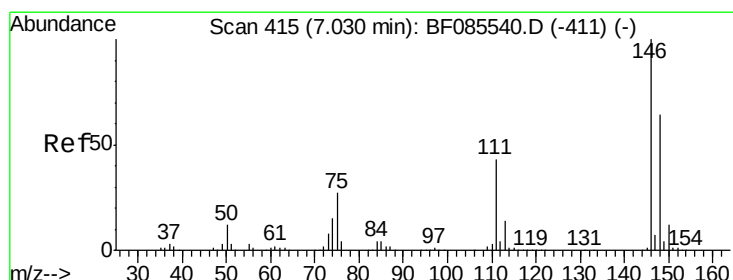
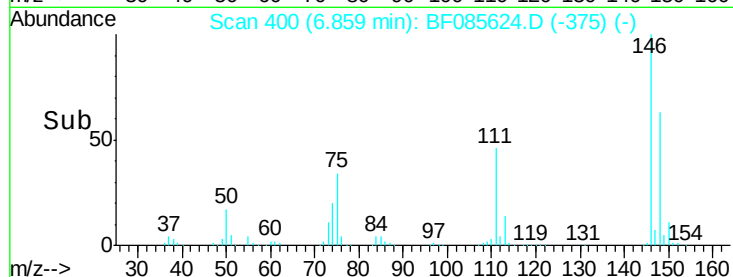
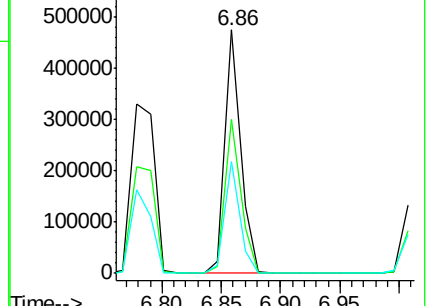
111 45.8 37.8 56.6



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: 45.05 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

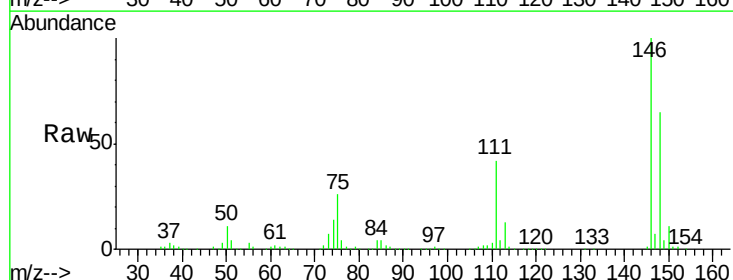
Tgt Ion:146 Resp: 426139

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

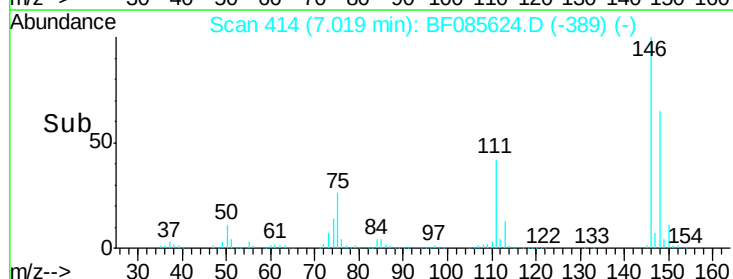
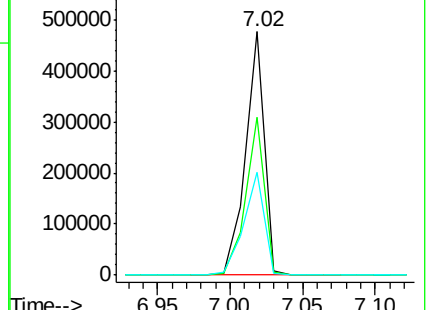
111 42.3 34.6 52.0

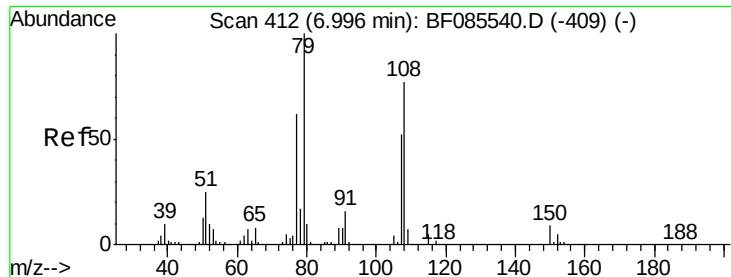


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.40 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

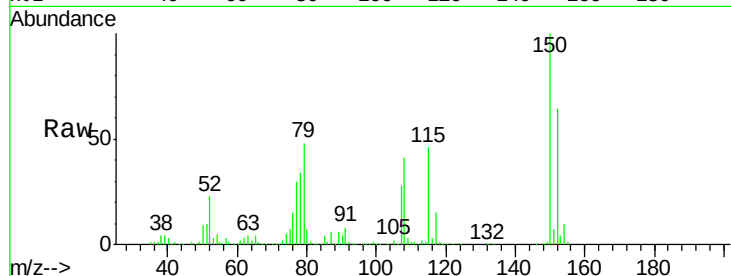
Tgt Ion: 79 Resp: 352224

Ion Ratio Lower Upper

79 100

108 85.9 61.8 92.6

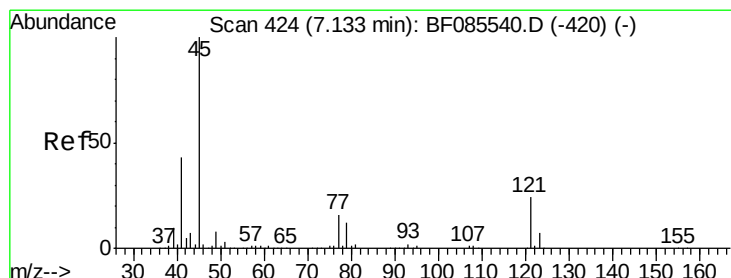
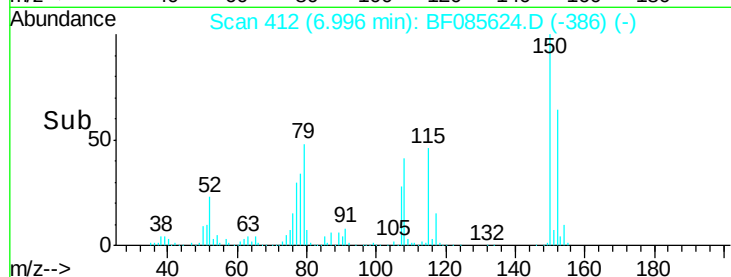
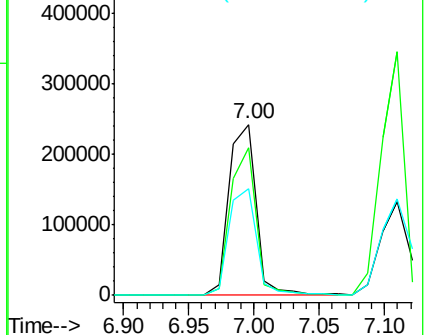
77 62.1 49.6 74.4



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: 44.30 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

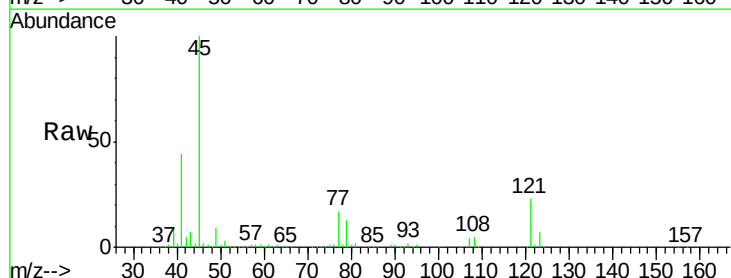
Tgt Ion: 45 Resp: 531512

Ion Ratio Lower Upper

45 100

77 17.3 0.0 35.7

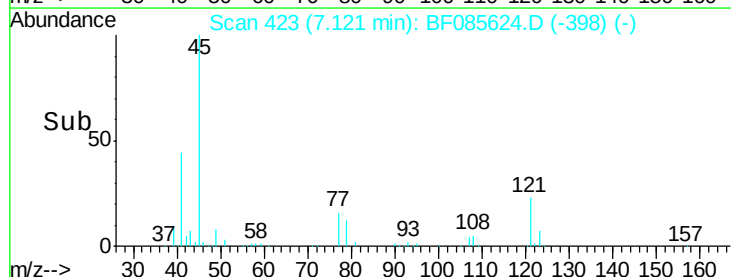
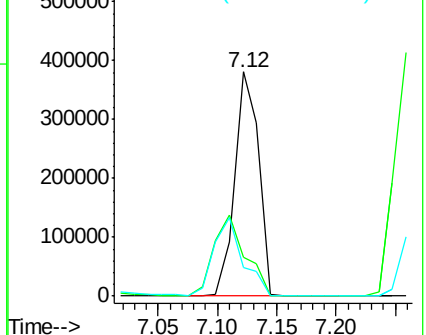
79 13.0 0.0 32.2

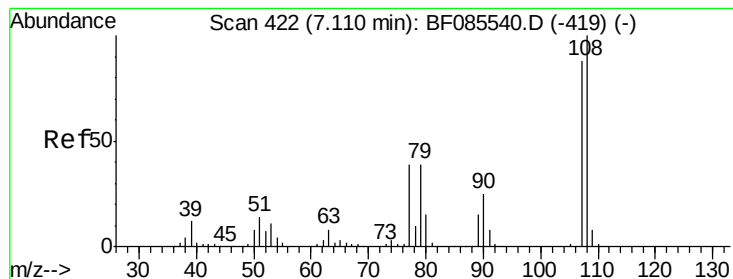


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.32 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:107 Resp: 375900

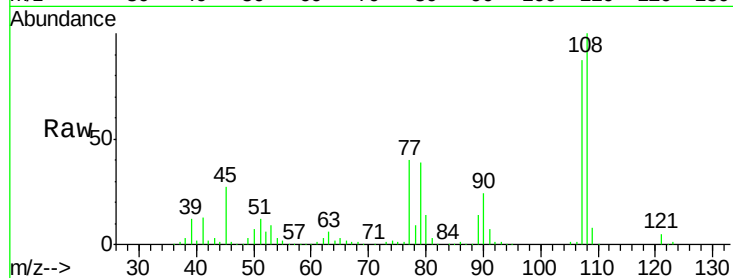
Ion Ratio Lower Upper

107 100

108 114.5 91.4 137.0

77 45.5 36.2 54.2

79 44.2 35.8 53.8

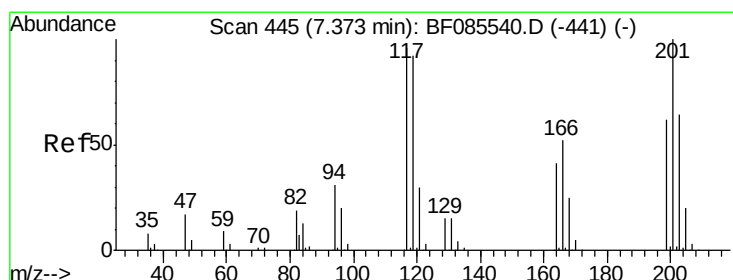
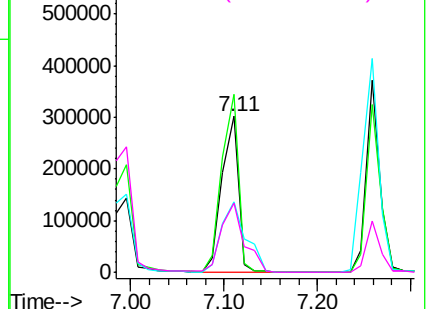
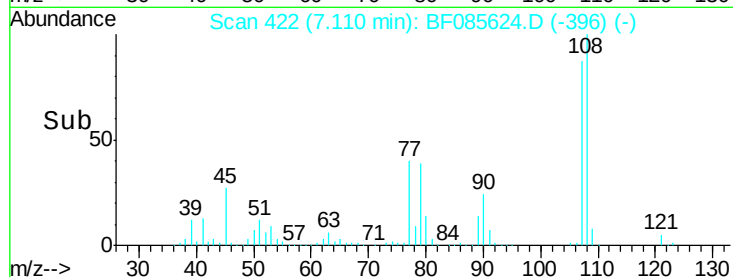


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.99 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

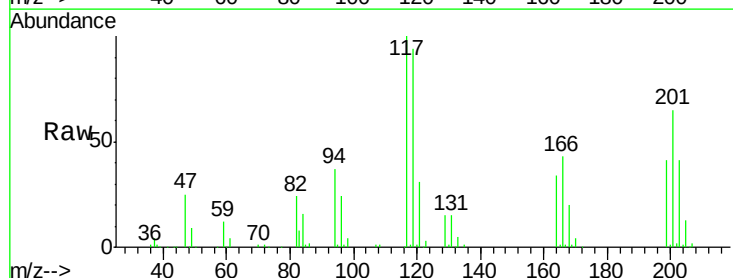
Tgt Ion:117 Resp: 173045

Ion Ratio Lower Upper

117 100

119 93.6 76.7 115.1

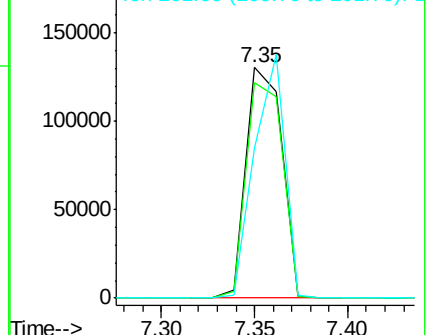
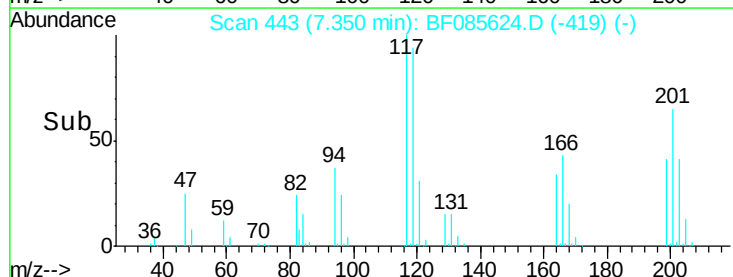
201 65.2 83.3 124.9#

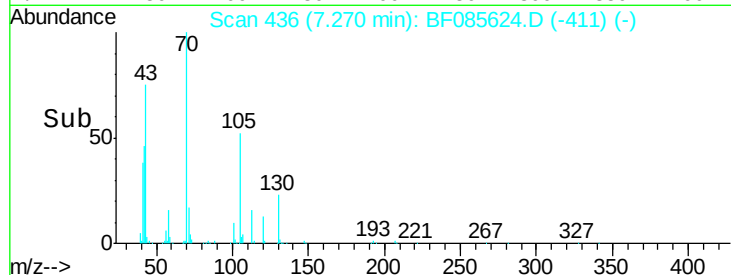
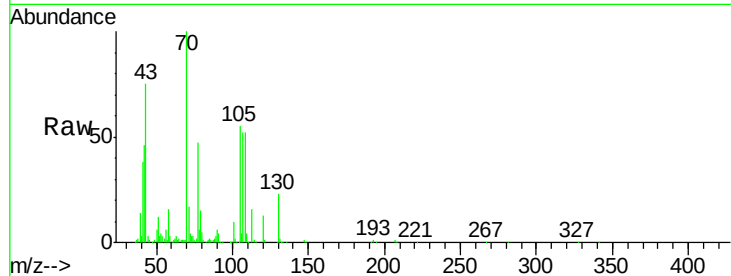
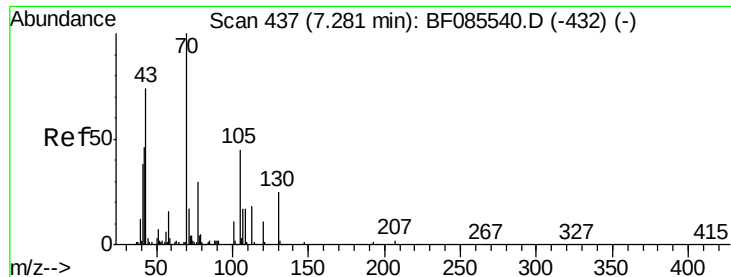


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

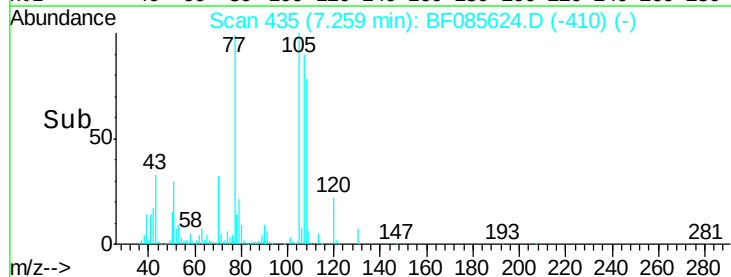
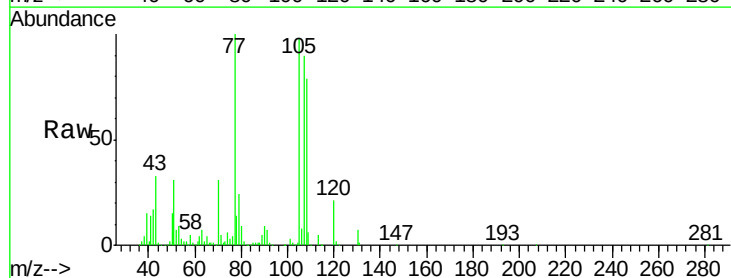
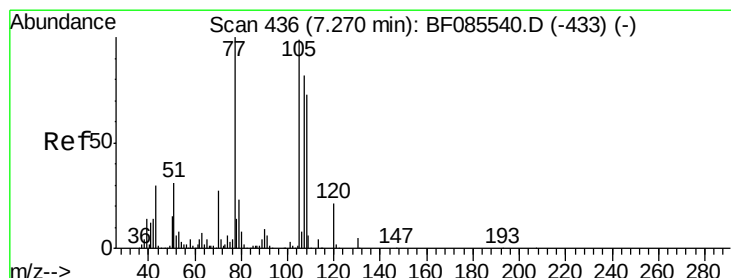
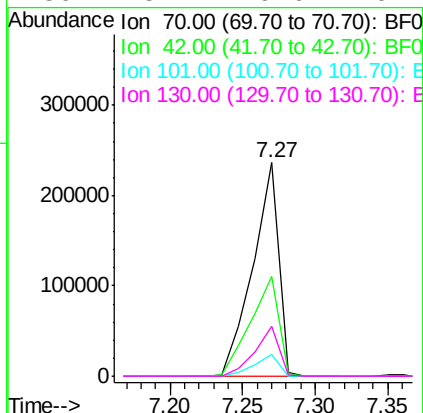




#19
n-Nitroso-di-n-propylamine
Concen: 46.25 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

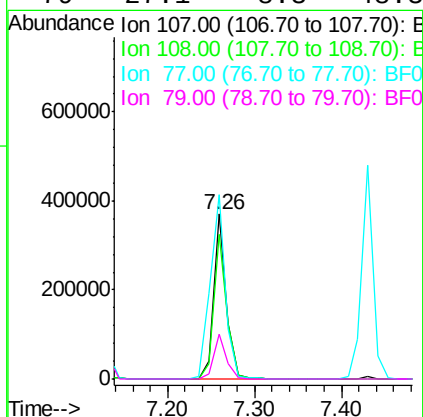
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

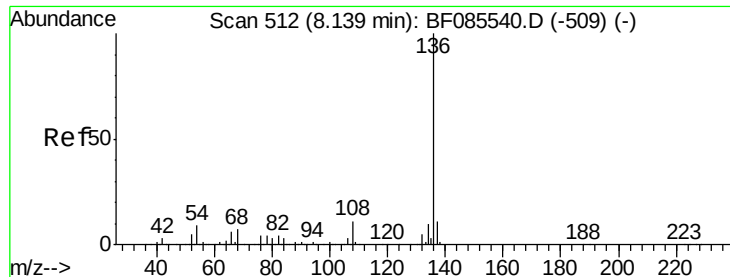
Tgt Ion:	70	Resp:	293541
Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.1	55.7
101	10.4	8.6	12.8
130	23.2	19.6	29.4



#20
3+4-Methylphenols
Concen: 41.40 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:	107	Resp:	380981
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.3	109.3
77	111.6	101.7	141.7
79	27.1	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:136 Resp: 552231

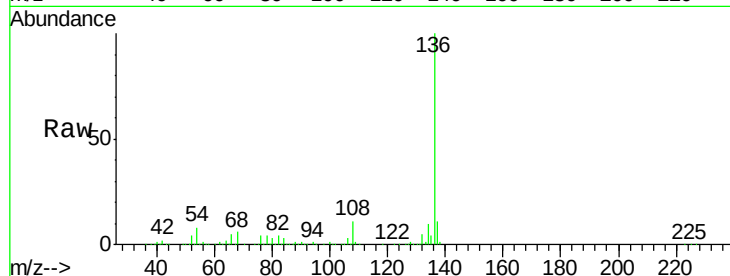
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 7.4 11.0

68 6.4 5.8 8.8

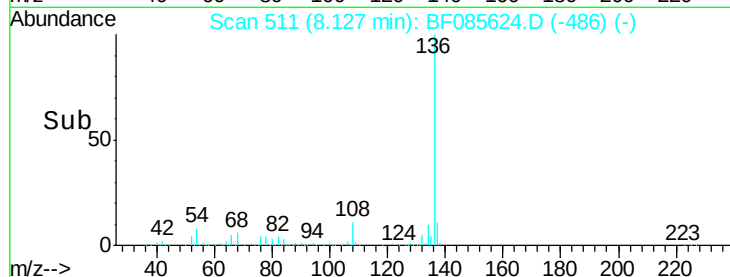


Abundance Ion 136.00 (135.70 to 136.70): E

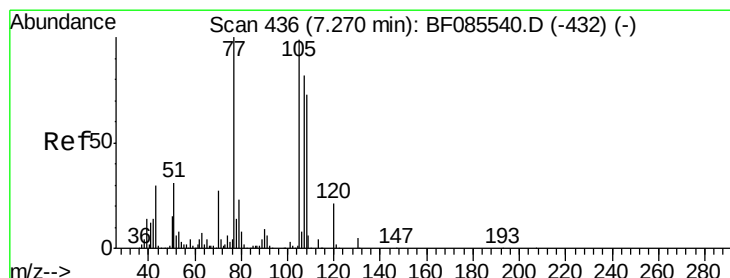
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.39 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:105 Resp: 529325

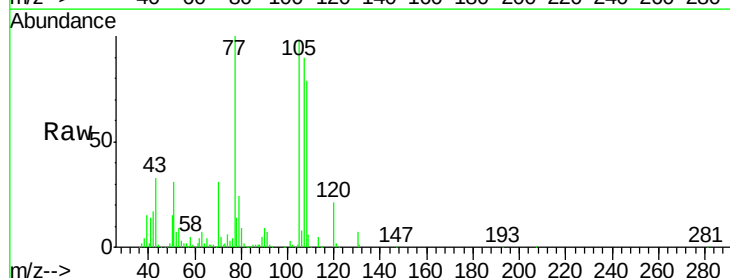
Ion Ratio Lower Upper

105 100

71 5.6 3.6 5.4#

51 31.2 25.4 38.0

120 21.8 16.9 25.3

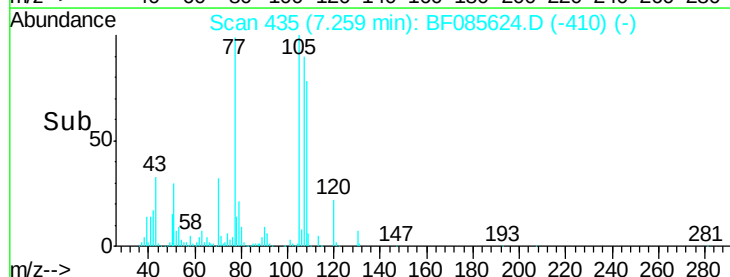


Abundance Ion 105.00 (104.70 to 105.70): E

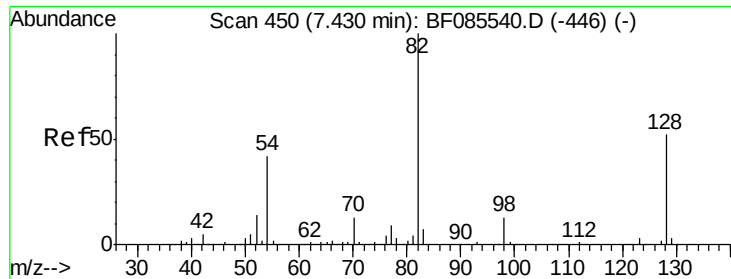
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



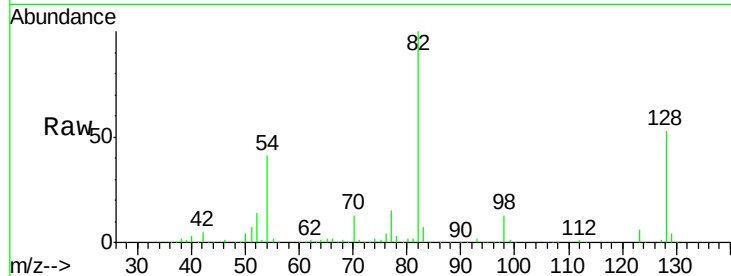
Time-->



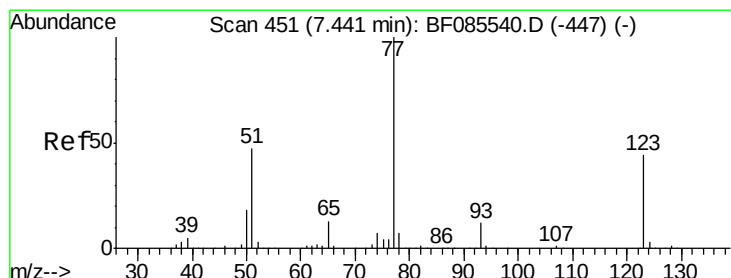
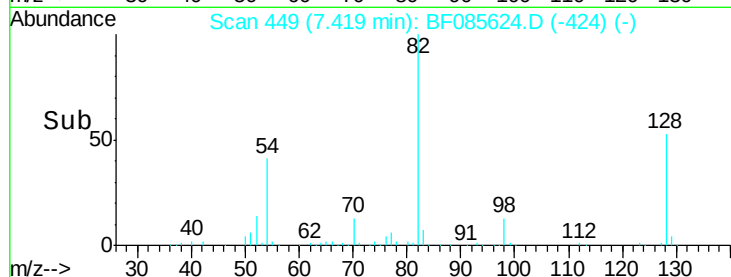
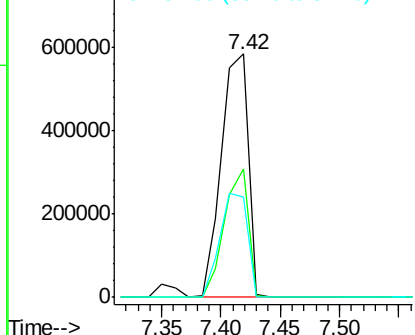
#23
 Nitrobenzene-d5
 Concen: 96.04 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.9	41.8	62.8
54	41.3	33.4	50.0

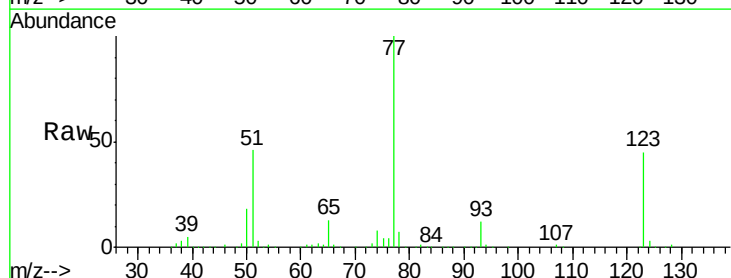


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

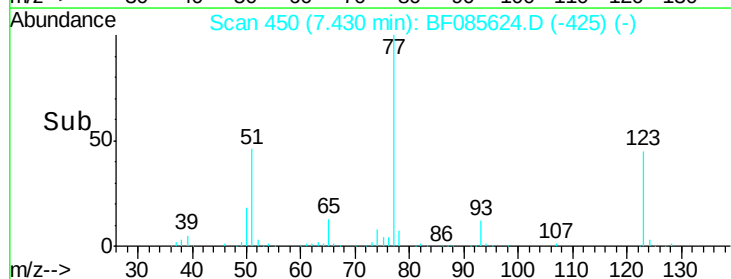
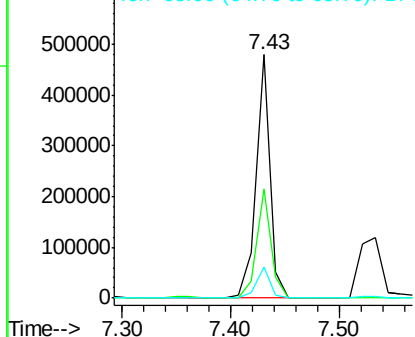


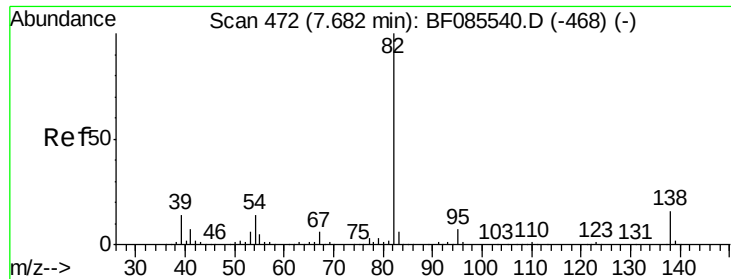
#24
 Nitrobenzene
 Concen: 41.34 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.4
65	12.9	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: 44.29 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

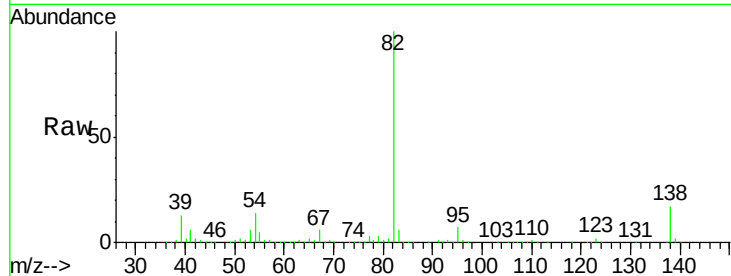
Tgt Ion: 82 Resp: 843548

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

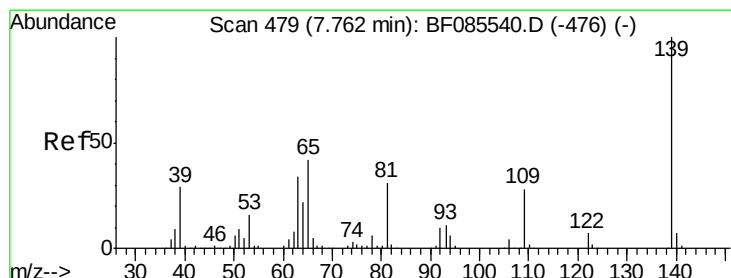
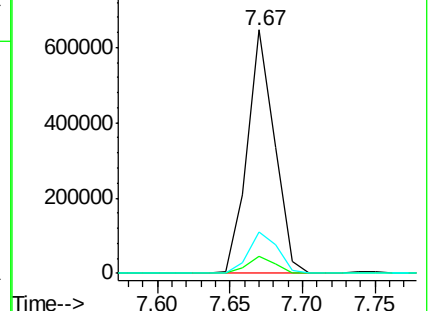
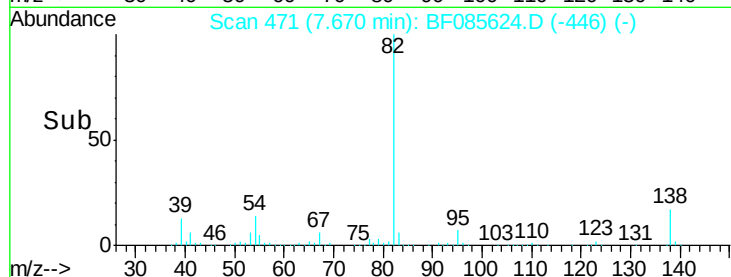
138 16.8 12.9 19.3



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: 50.17 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

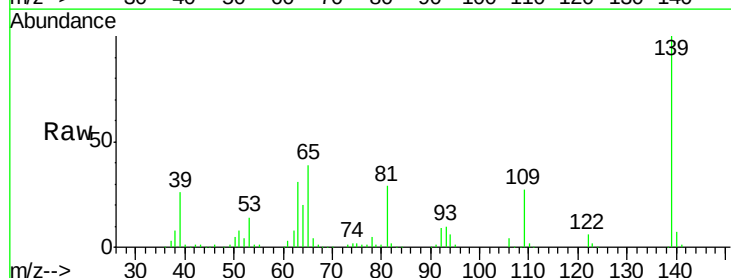
Tgt Ion: 139 Resp: 258212

Ion Ratio Lower Upper

139 100

109 26.6 22.1 33.1

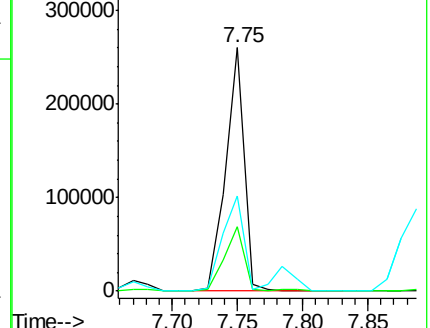
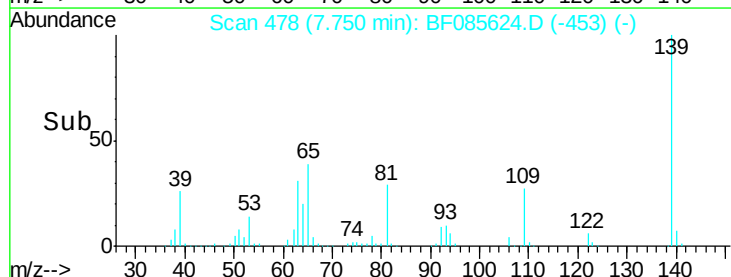
65 38.9 33.9 50.9

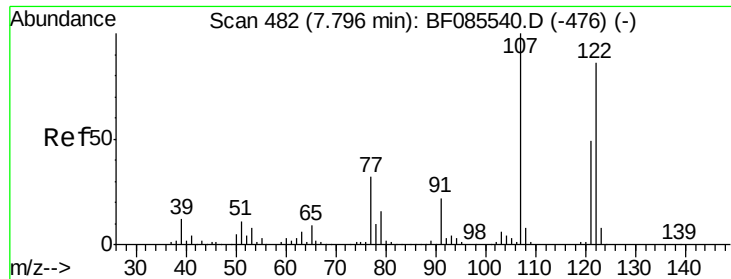


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.15 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

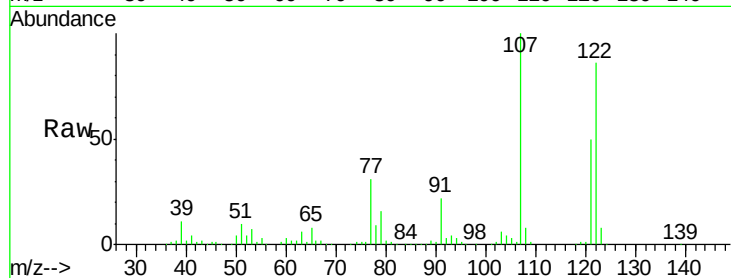
Tgt Ion:122 Resp: 383654

Ion Ratio Lower Upper

122 100

107 116.3 93.0 139.6

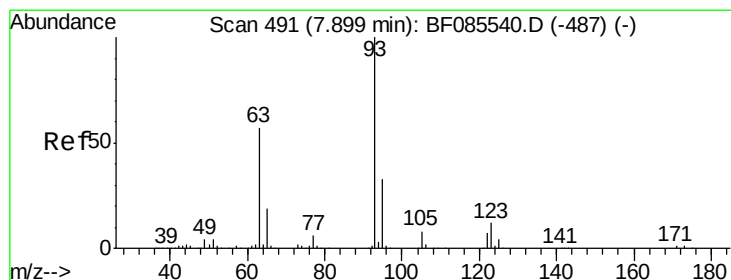
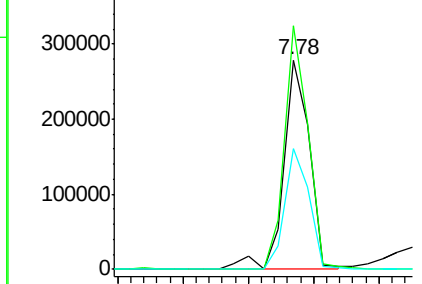
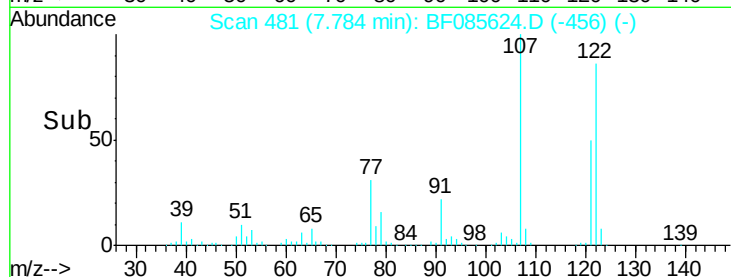
121 57.9 45.9 68.9



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: 50.27 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

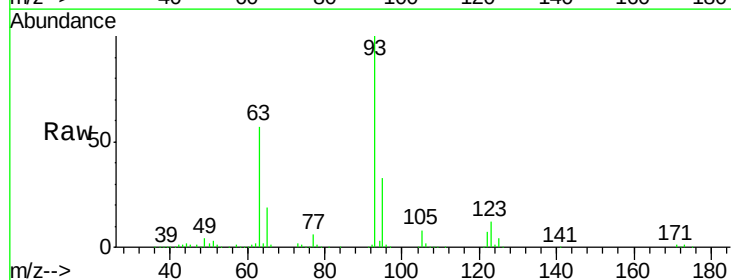
Tgt Ion: 93 Resp: 544600

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

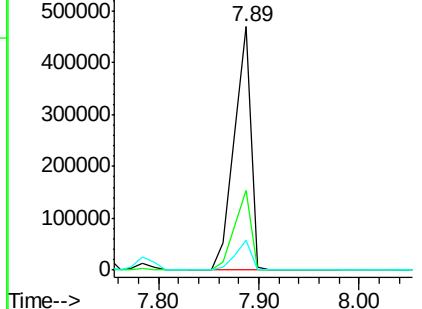
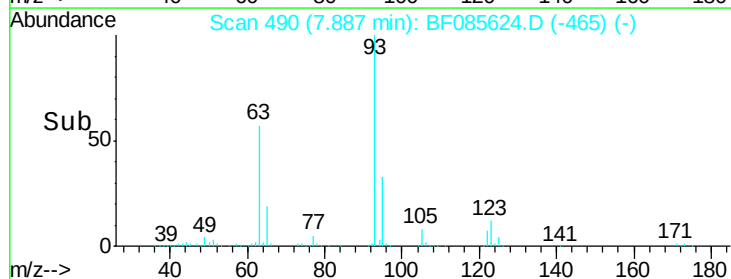
123 12.1 9.8 14.6

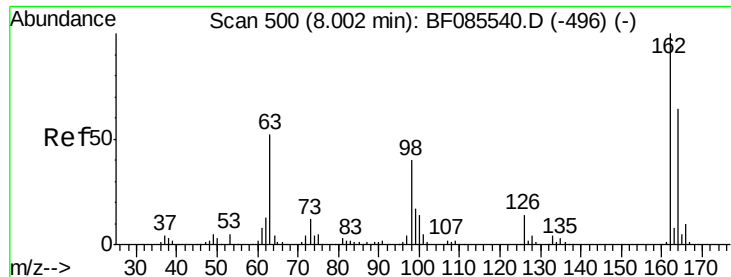


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

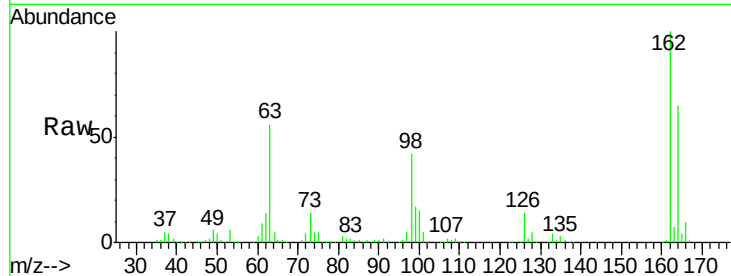




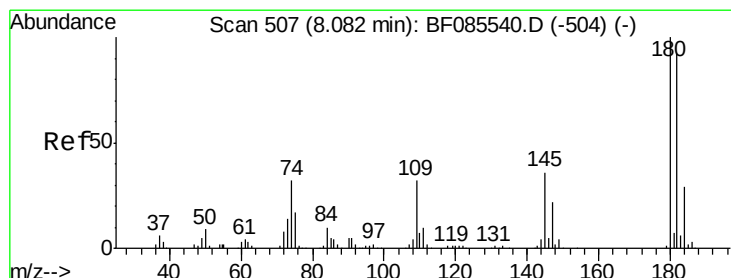
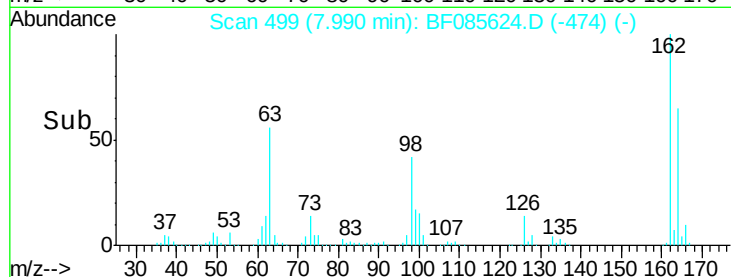
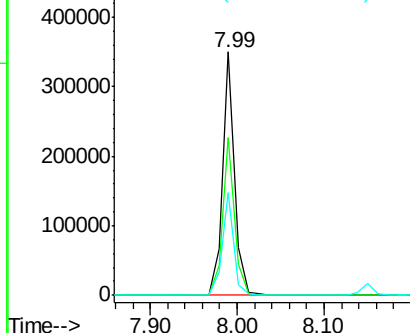
#29
 2,4-Dichlorophenol
 Concen: 45.35 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:162 Resp: 340852
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.7 83.7
 98 42.2 20.4 60.4

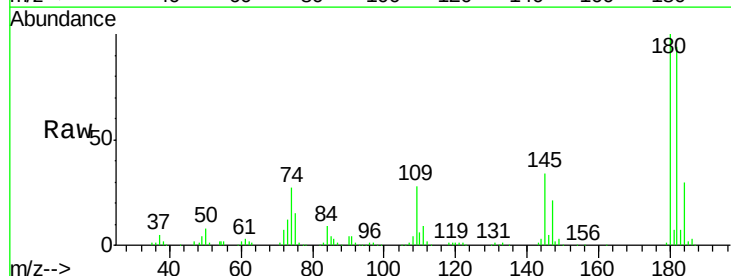


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

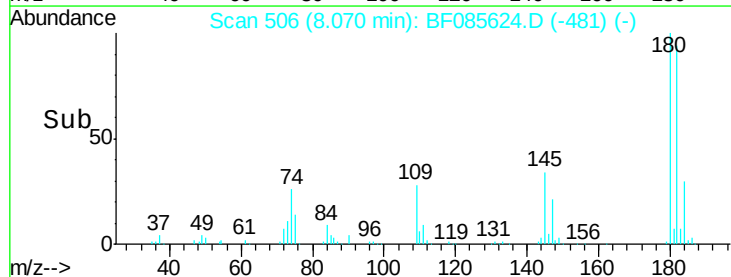
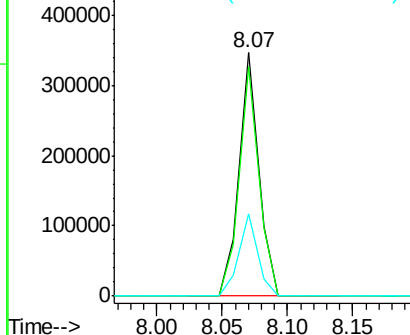


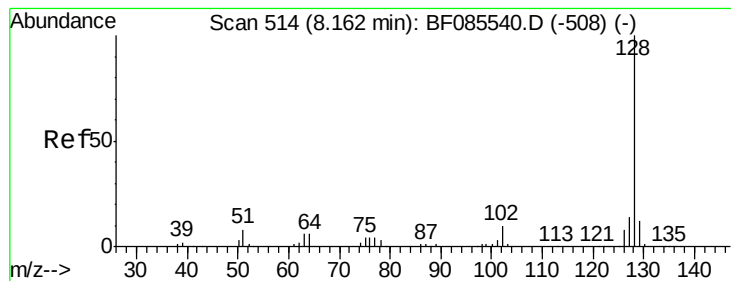
#30
 1,2,4-Trichlorobenzene
 Concen: 43.02 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion:180 Resp: 362162
 Ion Ratio Lower Upper
 180 100
 182 94.3 73.8 110.8
 145 33.9 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: 41.38 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

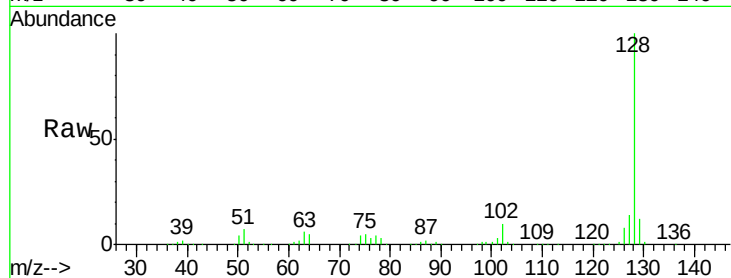
Tgt Ion:128 Resp: 1153403

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

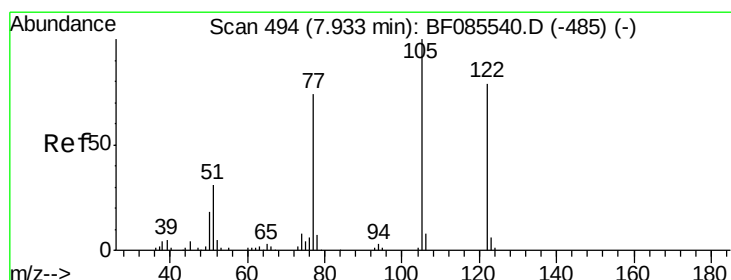
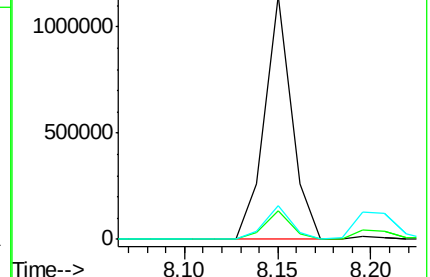
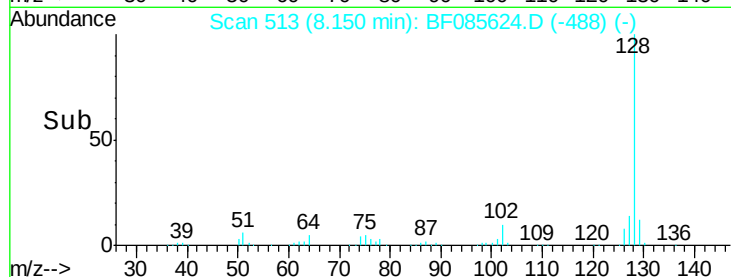
127 14.0 11.0 16.6



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: 10.66 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

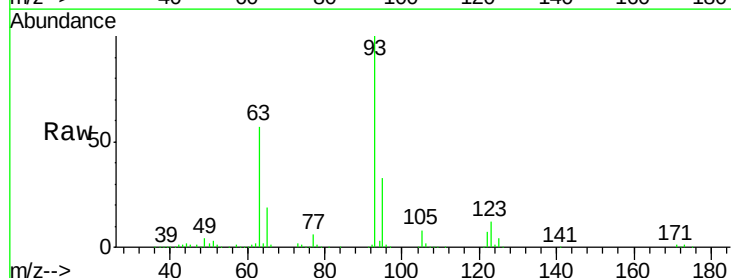
Tgt Ion:122 Resp: 81090

Ion Ratio Lower Upper

122 100

105 115.5 102.9 142.9

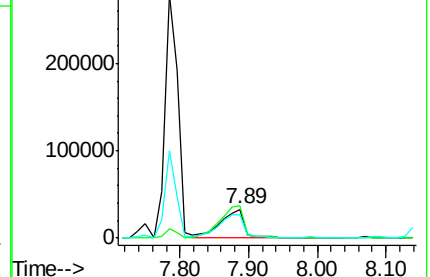
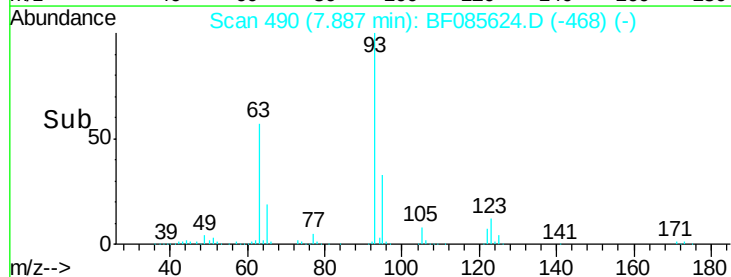
77 79.9 71.8 111.8

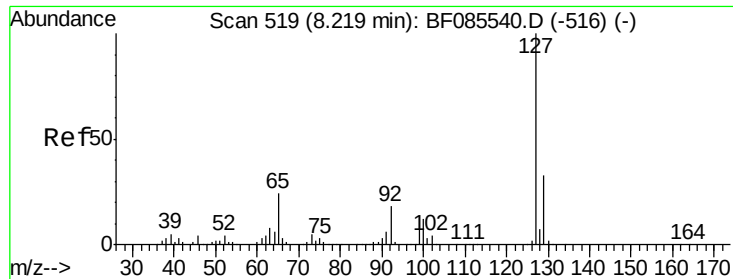


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

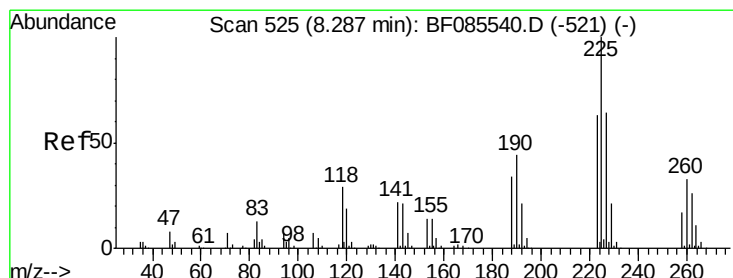
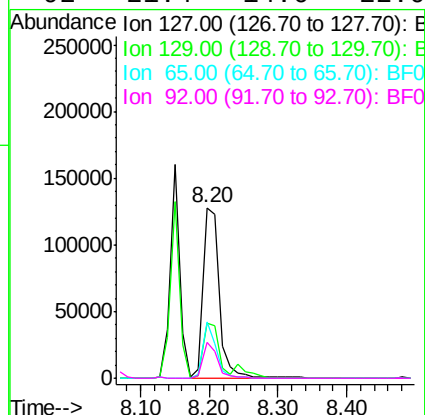
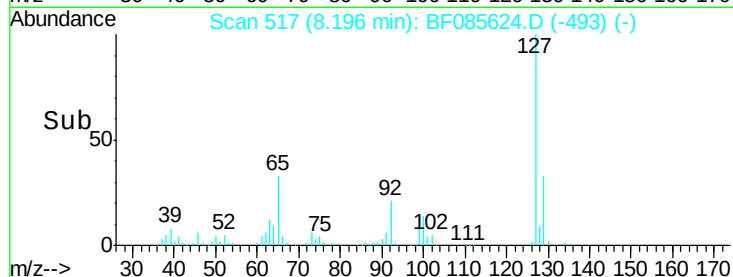
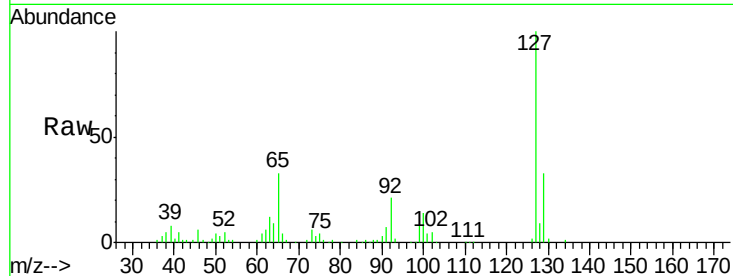




#33
4-Chloroaniline
Concen: 18.28 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

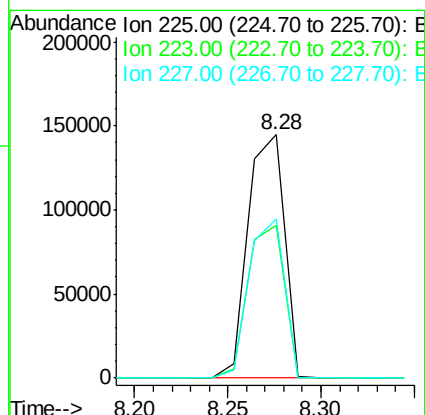
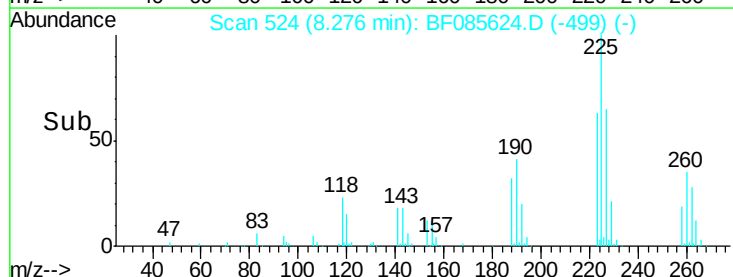
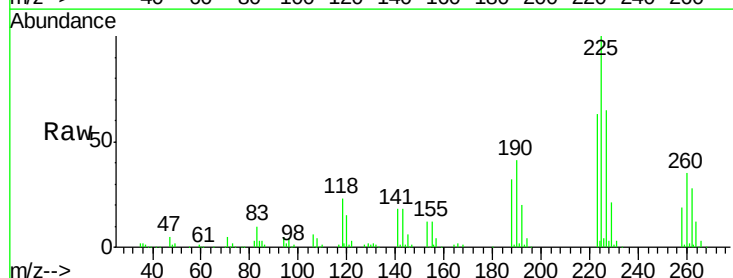
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

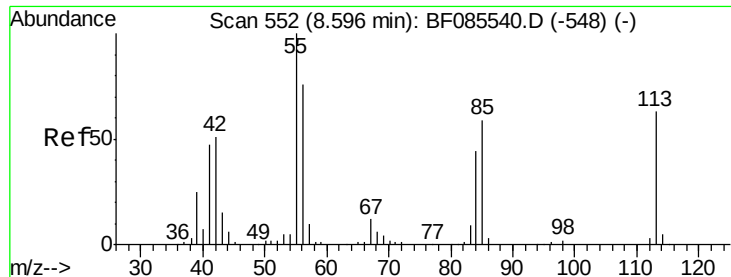
Tgt Ion:	127	Resp:	208885
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	33.0	19.5	29.3
92	21.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 43.50 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:	225	Resp:	195180
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	65.1	51.4	77.2

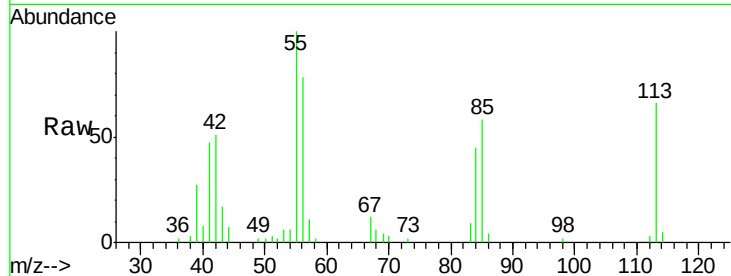




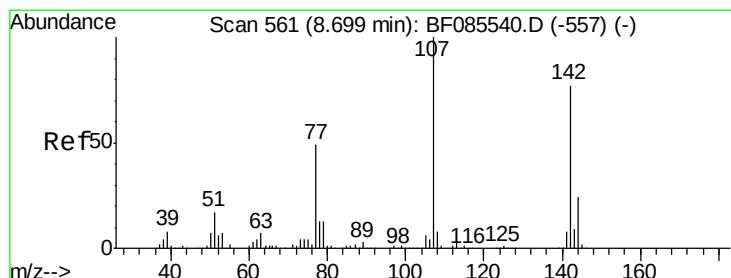
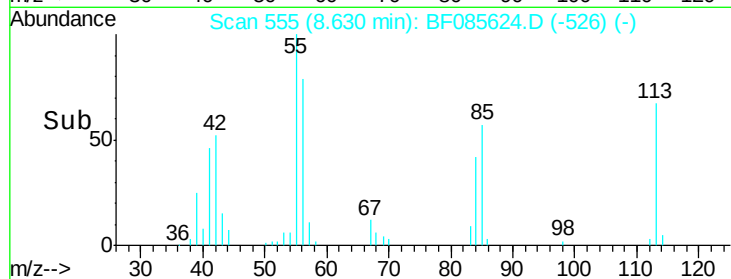
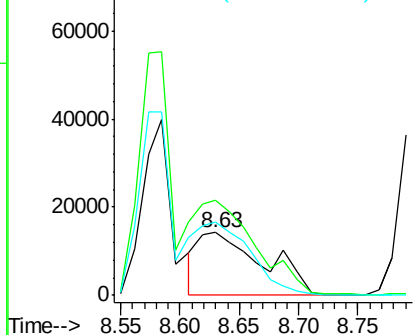
#35
 Caprolactam
 Concen: 20.81 ng
 RT: 8.63 min Scan# 555
 Delta R.T. 0.03 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:113 Resp: 53827
 Ion Ratio Lower Upper
 113 100
 55 152.1 139.4 179.4
 56 118.2 100.4 140.4

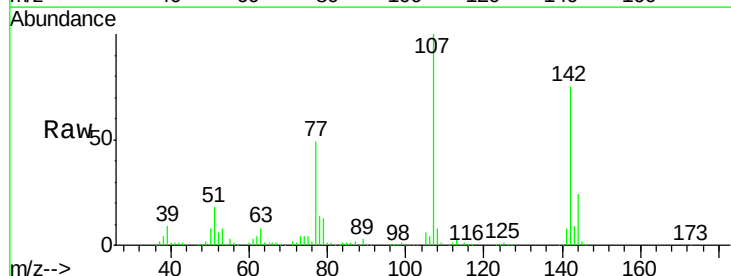


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

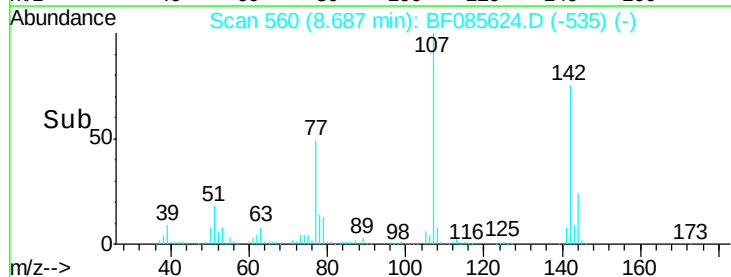
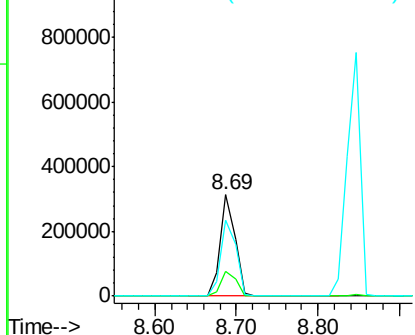


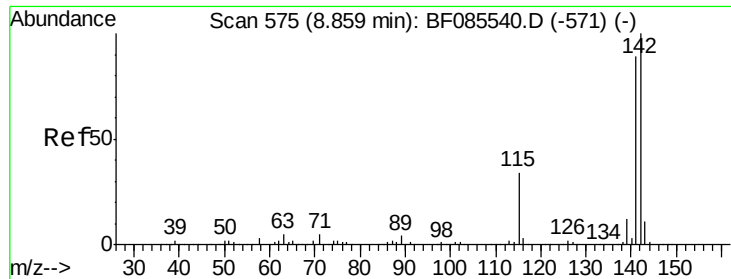
#36
 4-Chloro-3-methylphenol
 Concen: 44.85 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion:107 Resp: 393715
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 75.3 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

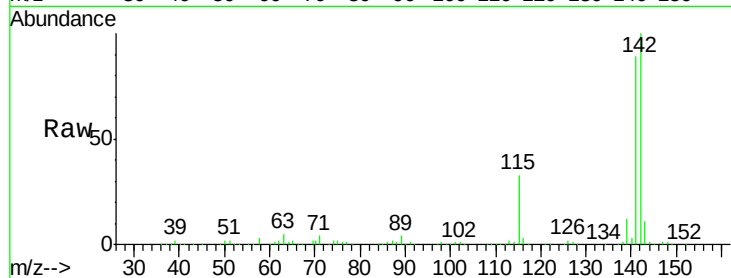




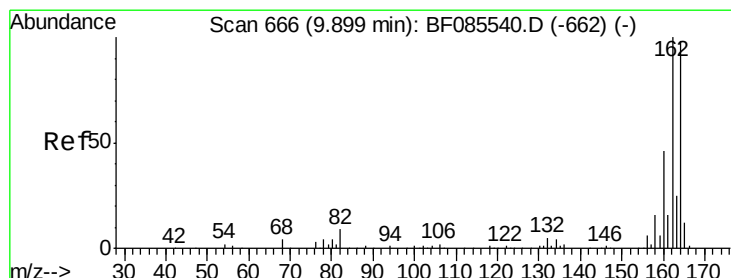
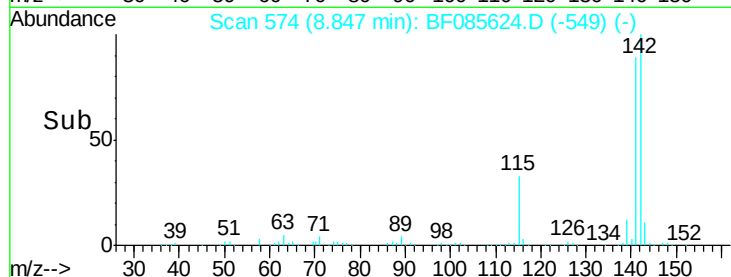
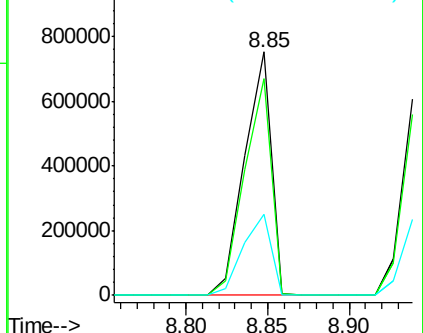
#37
2-Methylnaphthalene
Concen: 50.34 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tgt Ion:142 Resp: 855325
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4
115 33.3 26.8 40.2

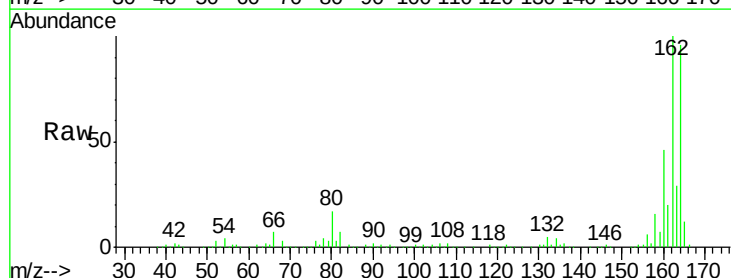


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

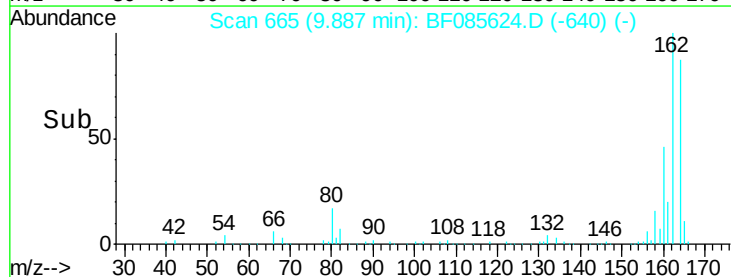
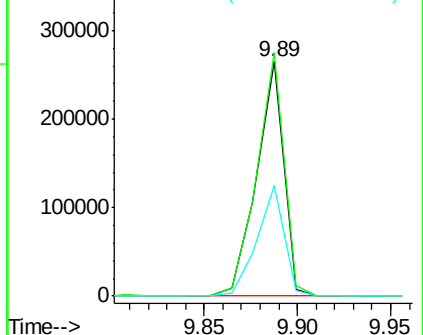


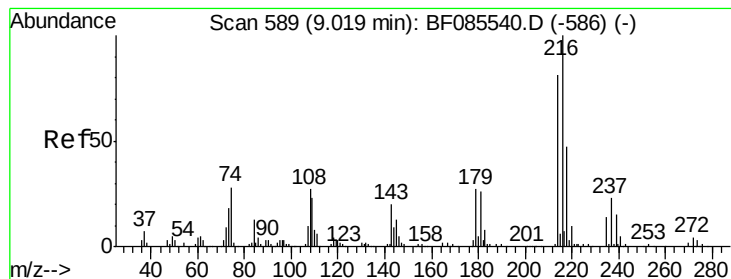
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:164 Resp: 265789
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 47.4 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: 37.86 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:216 Resp: 305246

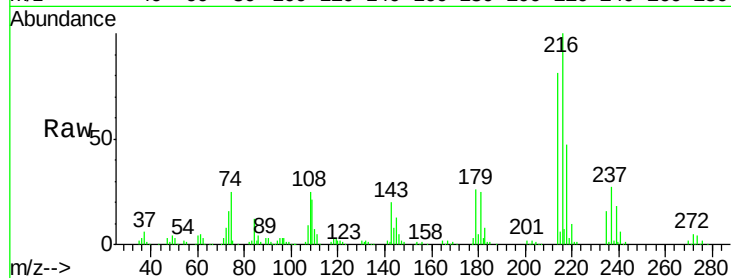
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 23.5 18.2 27.2

108 23.4 17.3 25.9

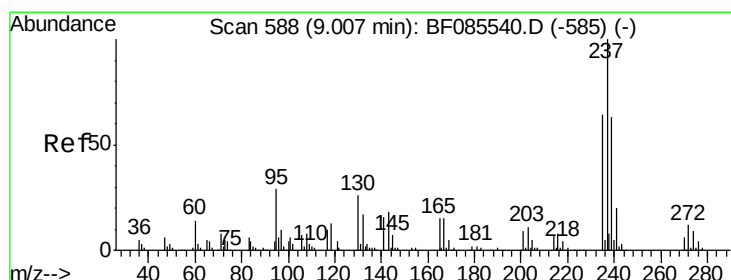
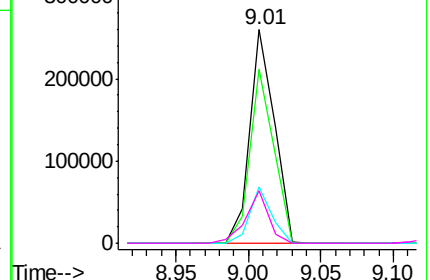
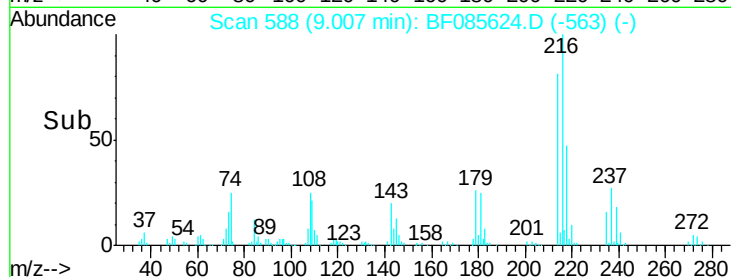


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.64 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

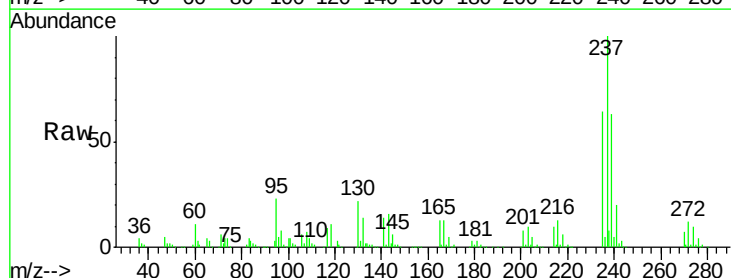
Tgt Ion:237 Resp: 311182

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

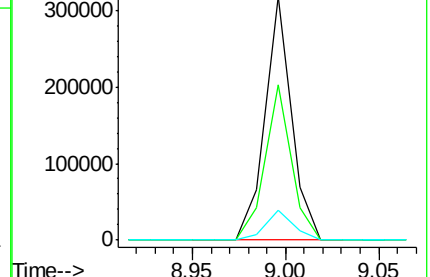
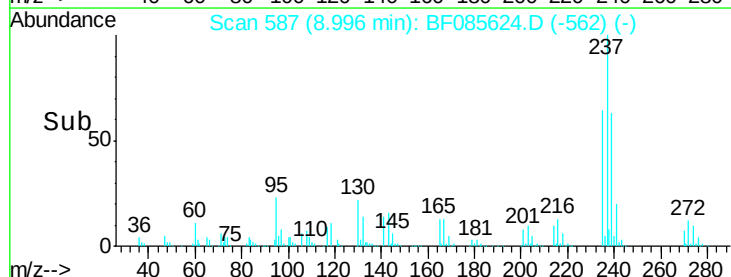
272 12.4 0.0 31.9

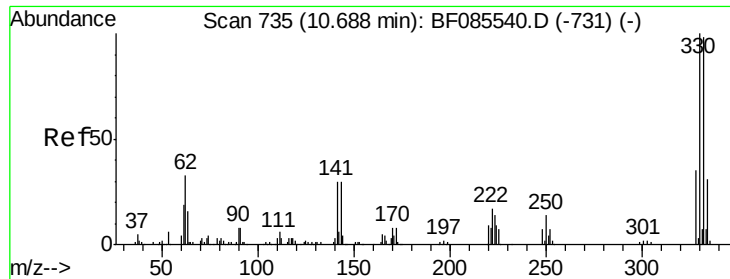


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

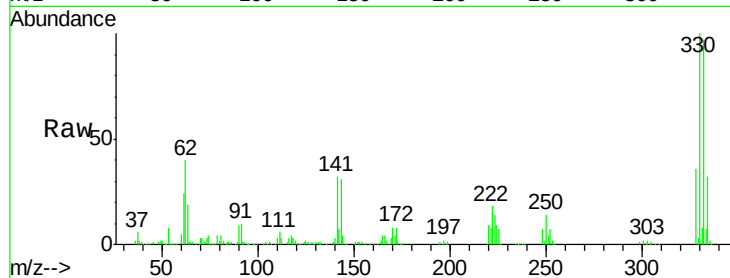




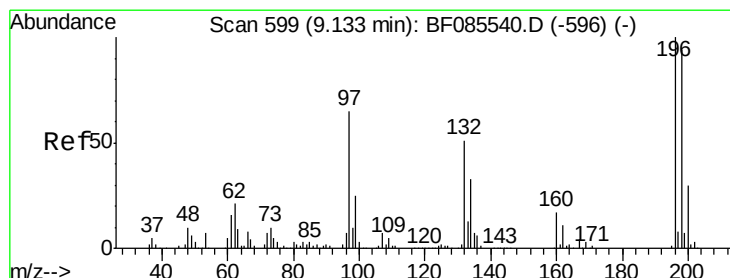
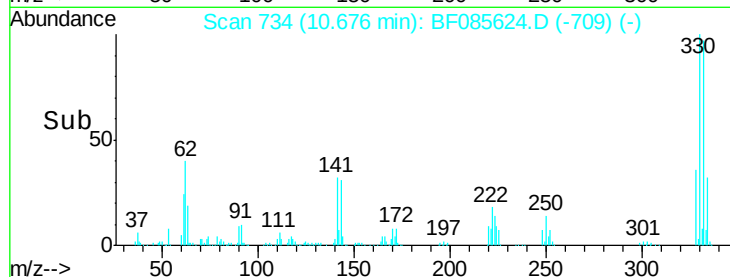
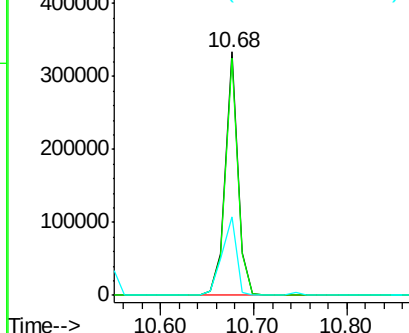
#41
 2,4,6-Tribromophenol
 Concen: 121.36 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:330 Resp: 315975
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 37.0 31.5 47.3

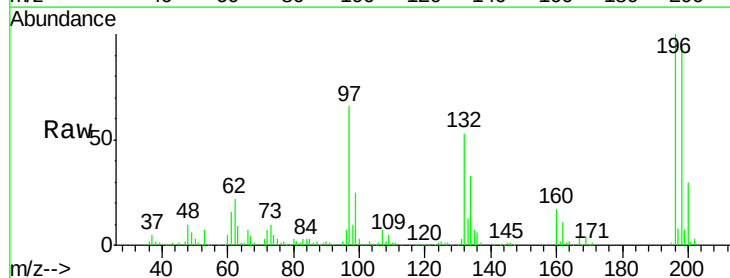


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

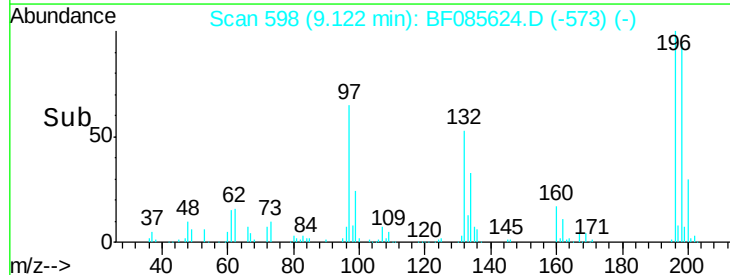
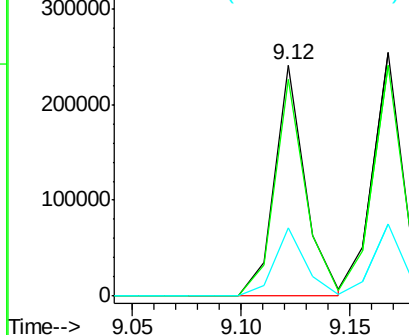


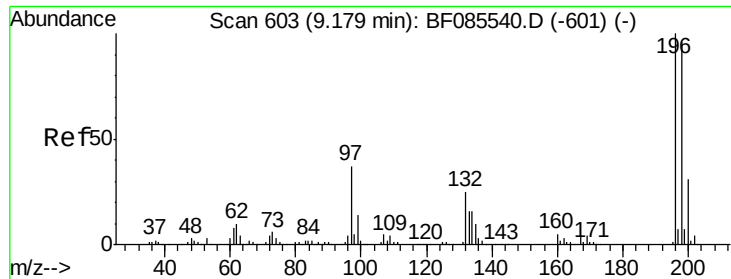
#42
 2,4,6-Trichlorophenol
 Concen: 42.99 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion:196 Resp: 237267
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.3 112.9
 200 29.6 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

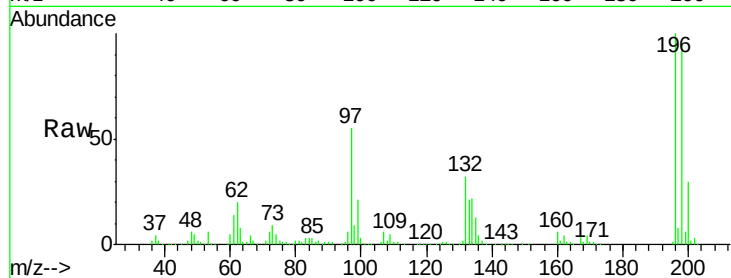




#43
 2,4,5-Trichlorophenol
 Concen: 44.27 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	114.8
97	55.3	30.5	45.7#
132	32.1	20.2	30.2#



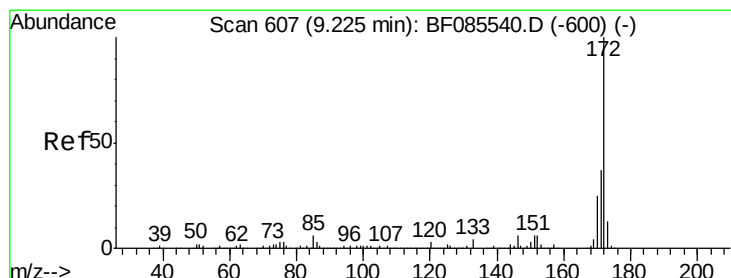
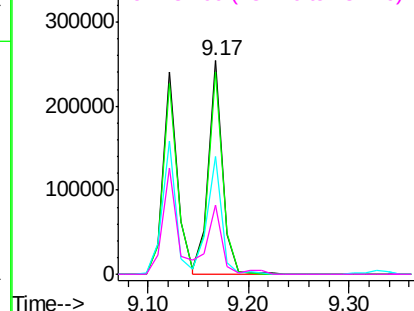
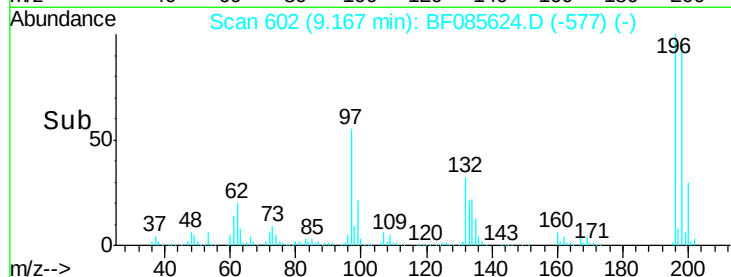
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

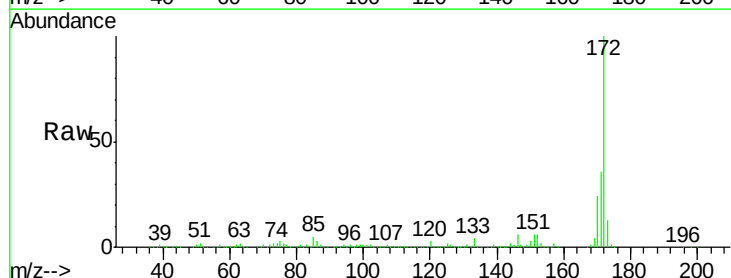
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.34 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.4	19.8	29.6

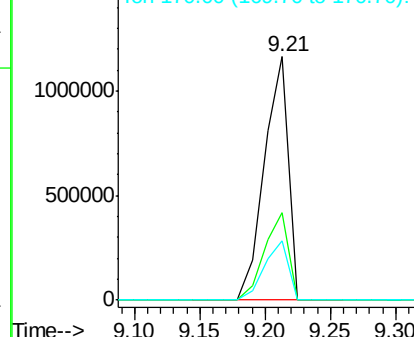
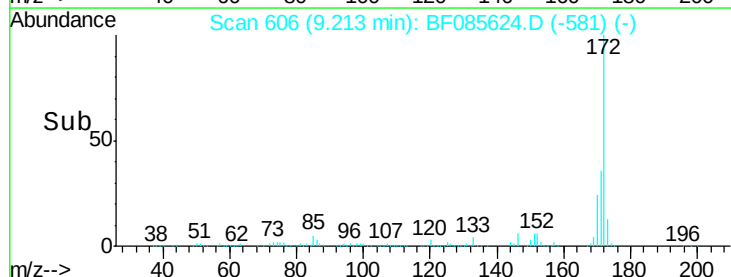


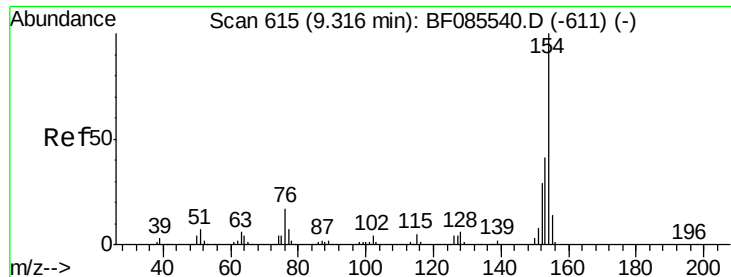
Abundance

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: 38.15 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

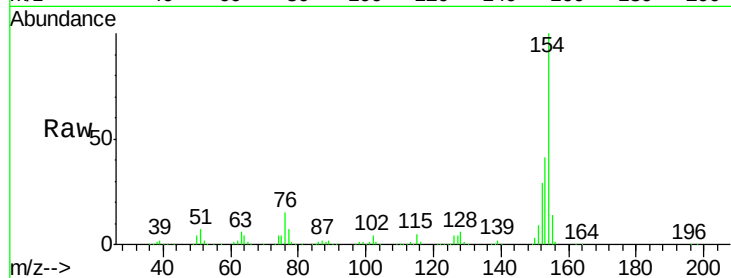
Tgt Ion:154 Resp: 874696

Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

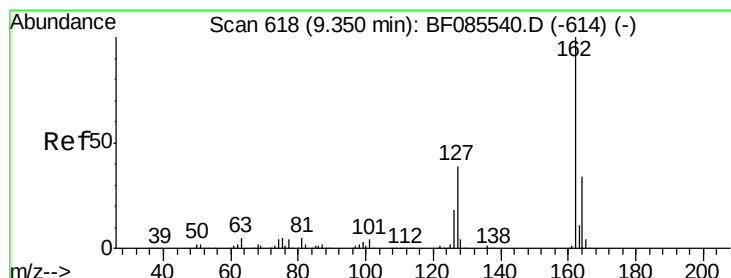
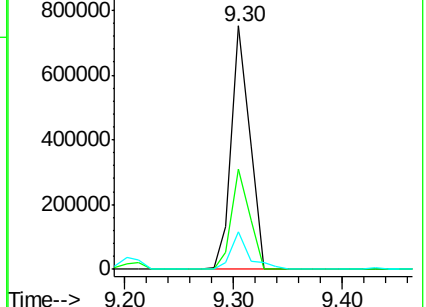
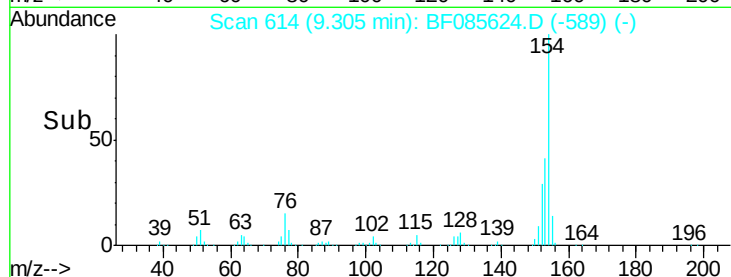
76 15.3 0.0 36.7



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: 42.24 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

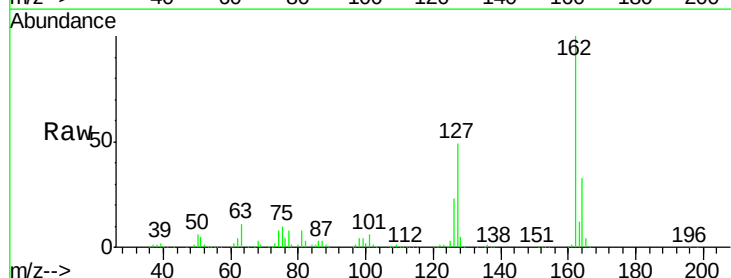
Tgt Ion:162 Resp: 707468

Ion Ratio Lower Upper

162 100

127 48.7 31.7 47.5#

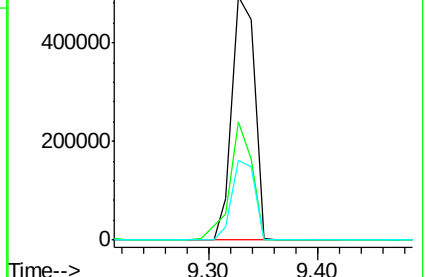
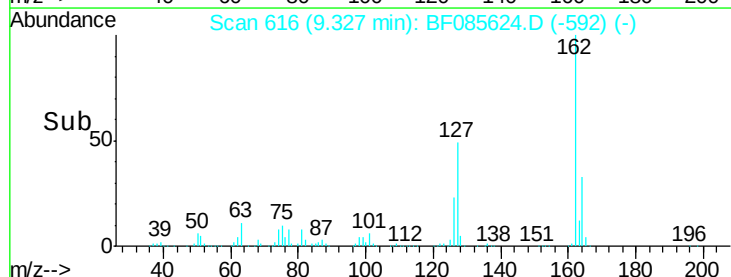
164 32.7 27.3 40.9

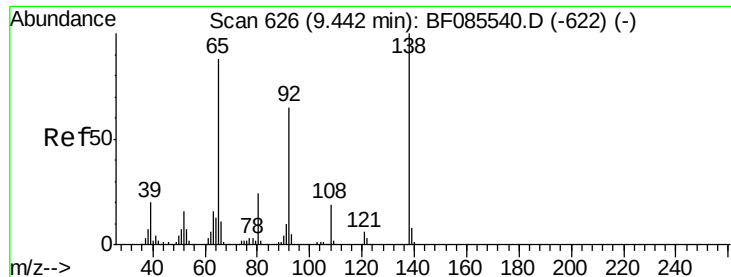


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.26 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

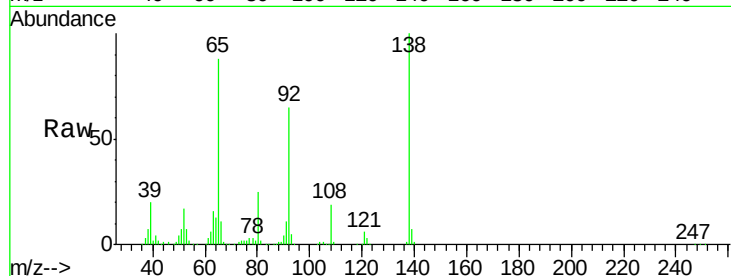
Tgt Ion: 65 Resp: 234389

Ion Ratio Lower Upper

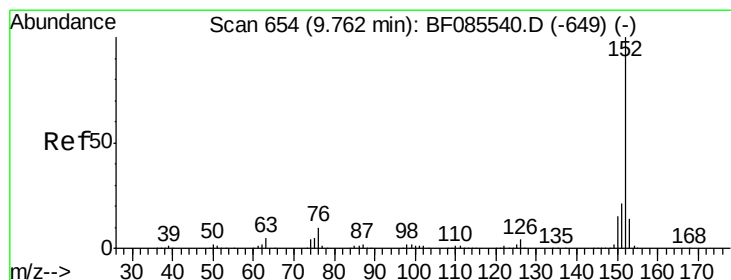
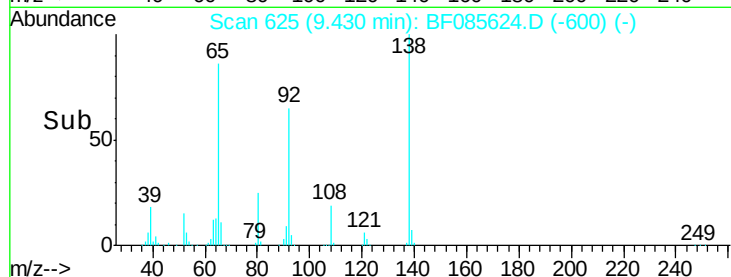
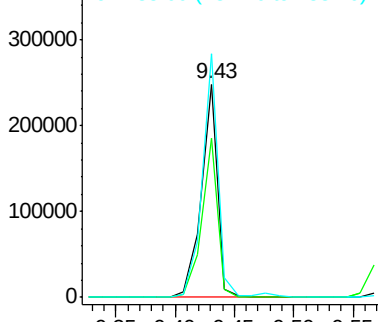
65 100

92 74.6 59.7 89.5

138 114.1 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): E



#48

Acenaphthylene

Concen: 44.11 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

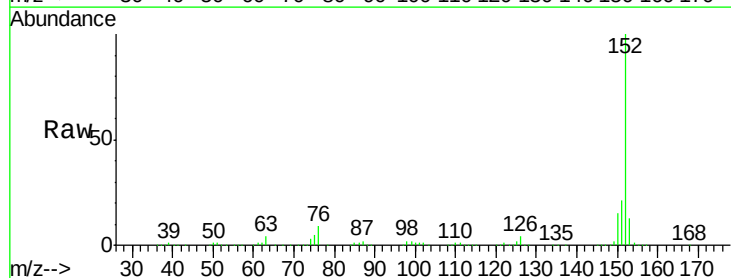
Tgt Ion: 152 Resp: 1195629

Ion Ratio Lower Upper

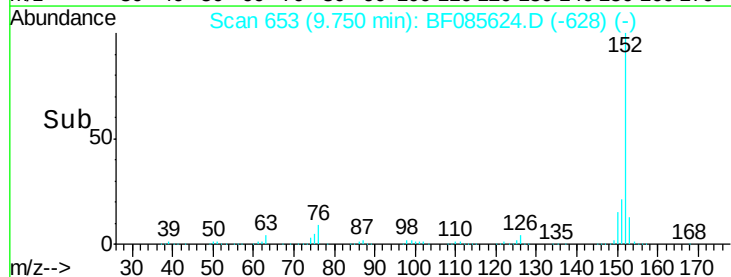
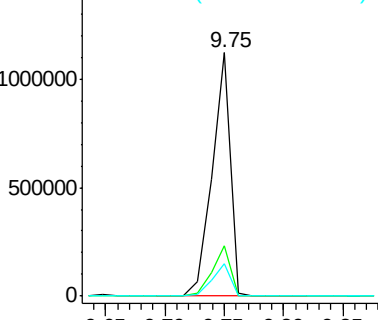
152 100

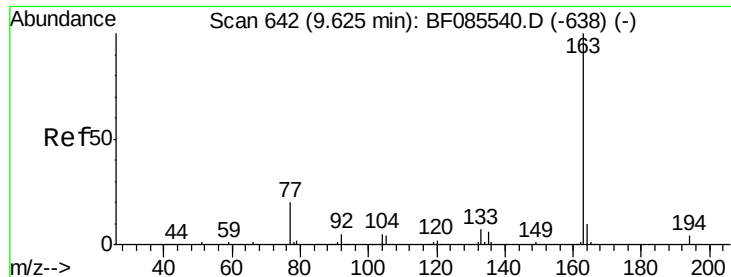
151 20.7 16.8 25.2

153 13.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

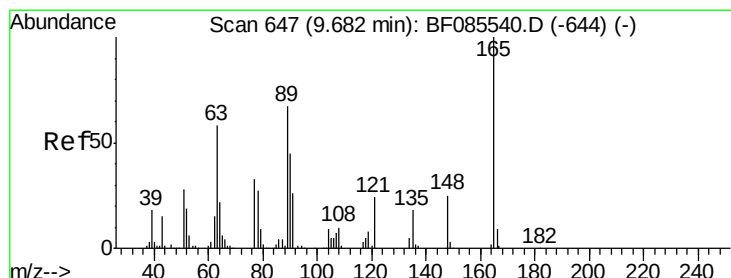
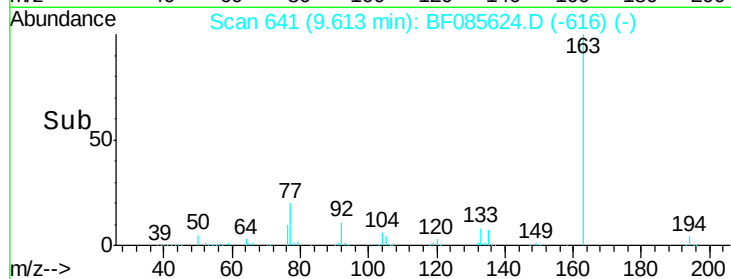
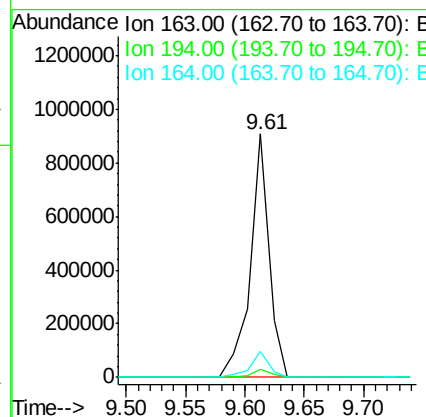
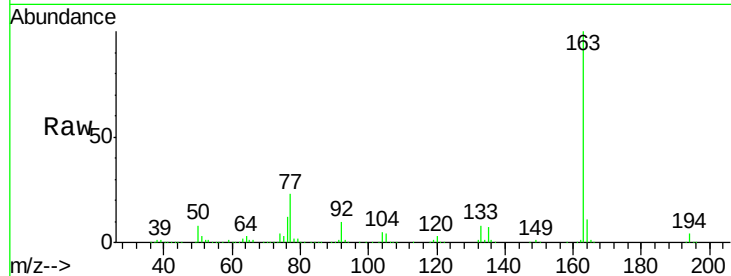




#49
Dimethylphthalate
Concen: 50.15 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

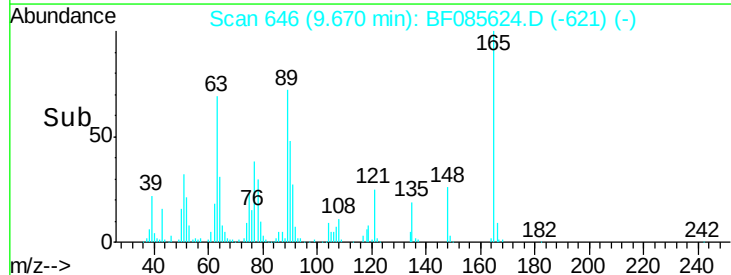
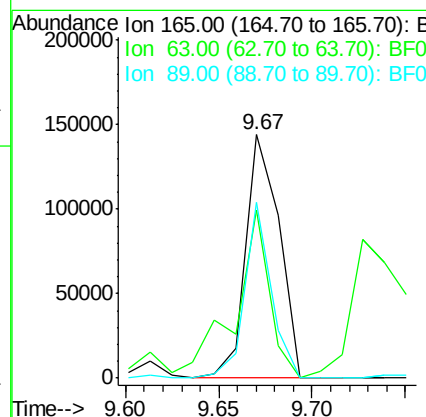
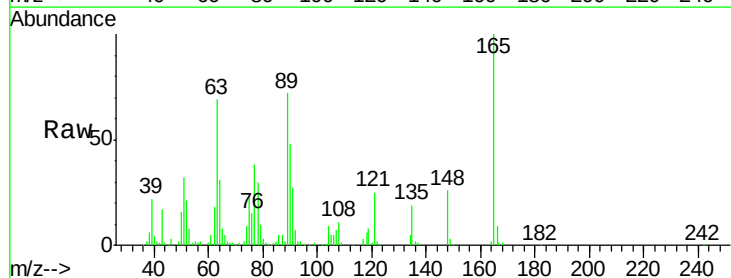
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

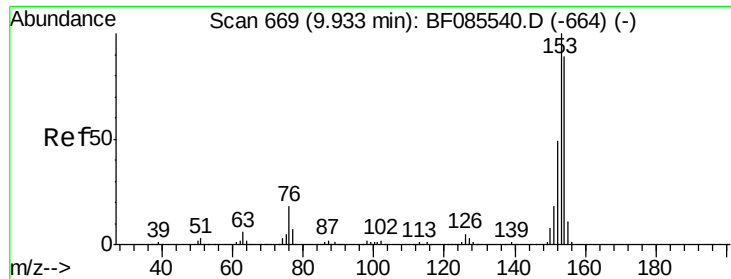
Tgt Ion:163 Resp: 1005763
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 42.27 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:165 Resp: 178987
Ion Ratio Lower Upper
165 100
63 69.1 51.8 77.8
89 72.3 53.7 80.5





#51

Acenaphthene

Concen: 43.69 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

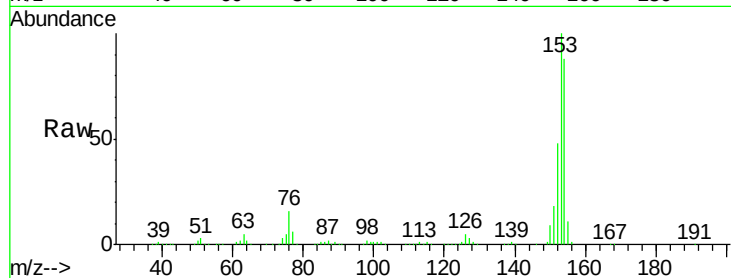
Tgt Ion:154 Resp: 743071

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

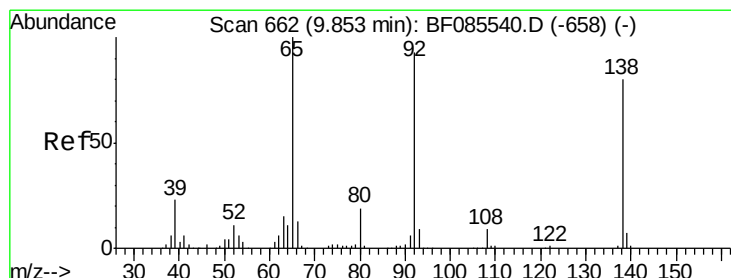
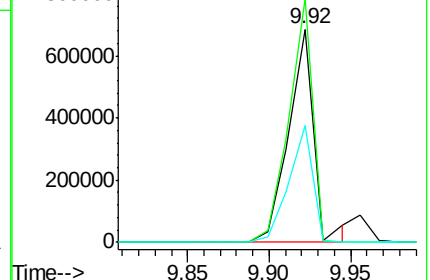
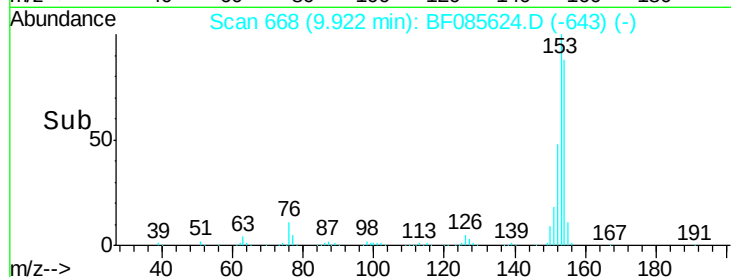
152 54.7 44.2 66.2



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: 29.85 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

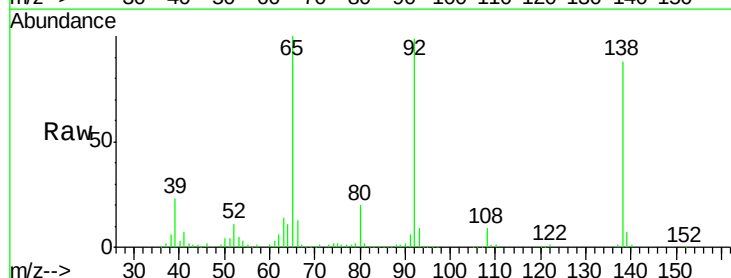
Tgt Ion:138 Resp: 158283

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

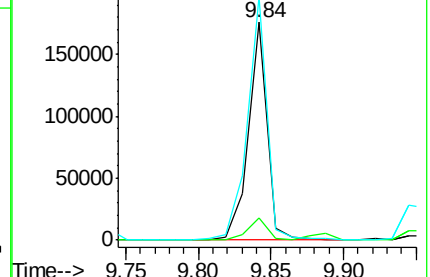
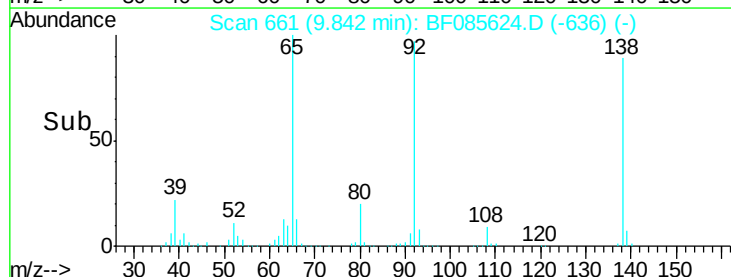
92 111.9 93.3 139.9

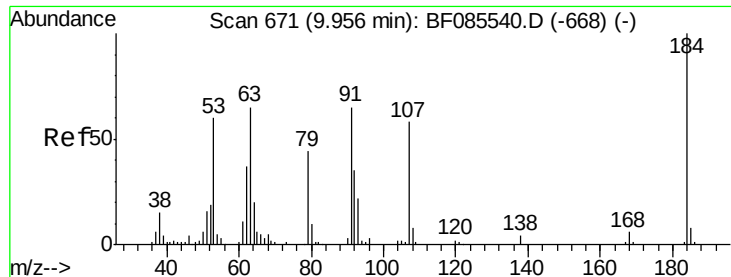


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

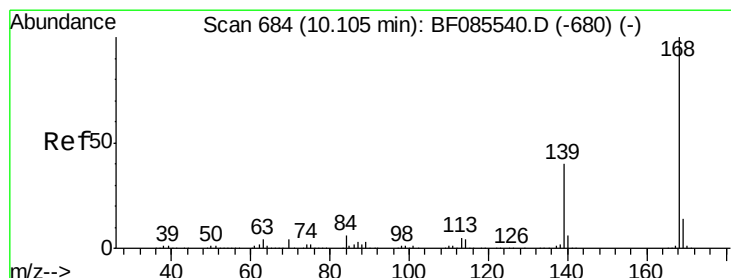
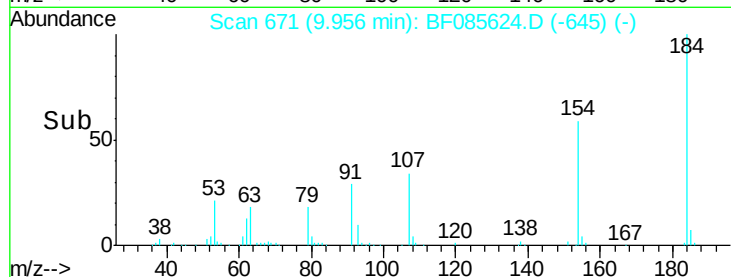
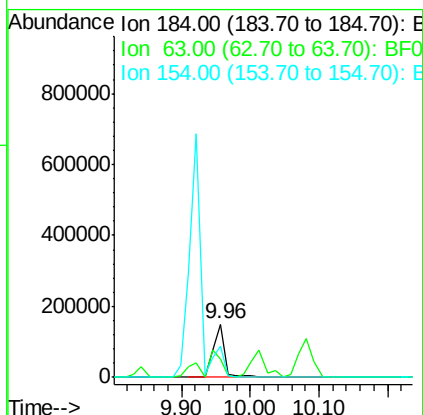
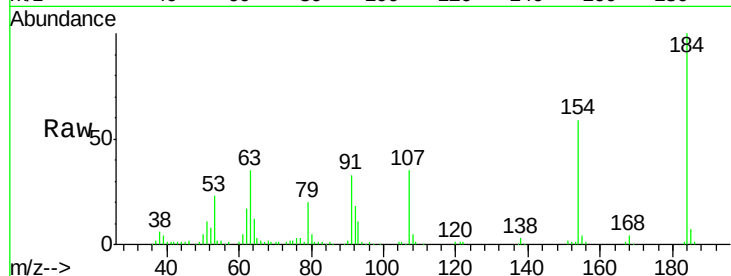




#53
2,4-Dinitrophenol
Concen: 66.41 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

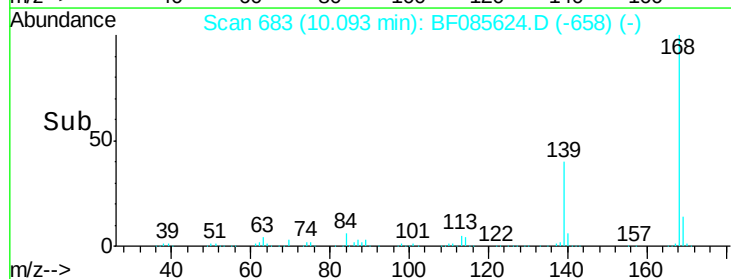
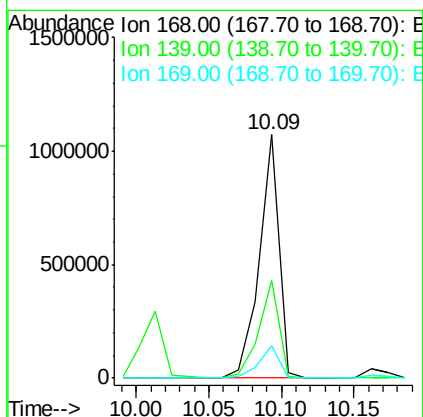
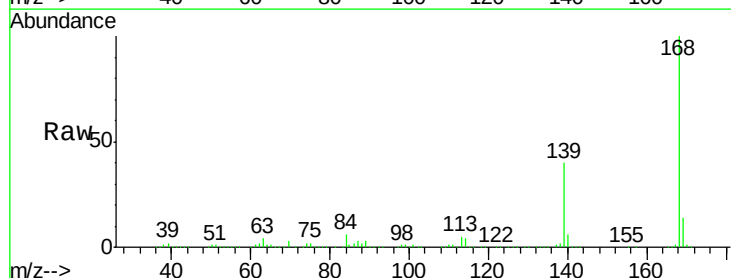
Instrument :
BNA_F
ClientSampled :
SB-1(8-9)MS

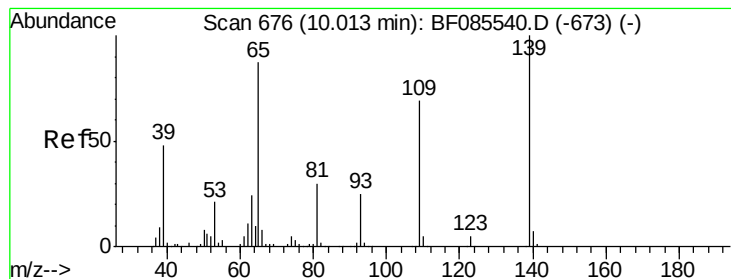
Tgt Ion:184 Resp: 172258
Ion Ratio Lower Upper
184 100
63 35.3 69.5 104.3#
154 59.2 58.3 87.5



#54
Dibenzofuran
Concen: 48.81 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:168 Resp: 1011018
Ion Ratio Lower Upper
168 100
139 40.2 31.9 47.9
169 13.5 11.0 16.6





#55

4-Nitrophenol

Concen: 77.90 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

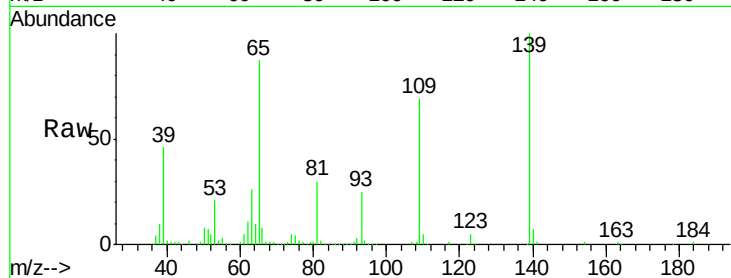
Tgt Ion:139 Resp: 319276

Ion Ratio Lower Upper

139 100

109 69.3 49.2 89.2

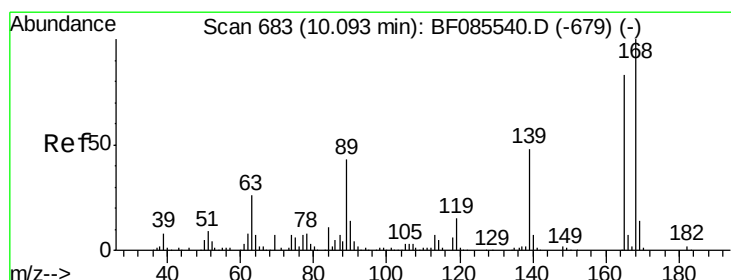
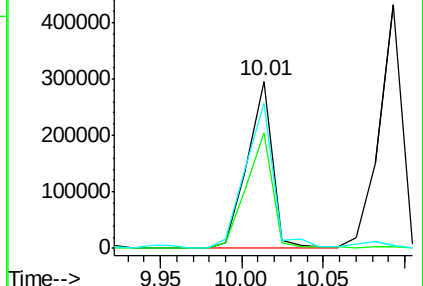
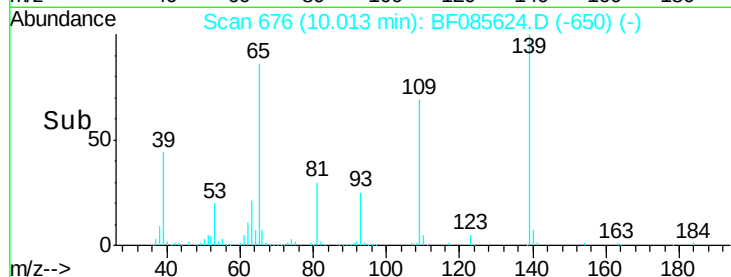
65 86.5 66.9 106.9



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): BF0



#56

2,4-Dinitrotoluene

Concen: 49.48 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:165 Resp: 274311

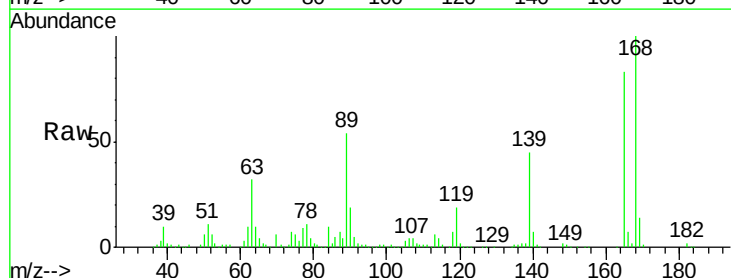
Ion Ratio Lower Upper

165 100

63 38.9 24.9 37.3#

89 65.8 41.0 61.6#

182 2.6 2.1 3.1

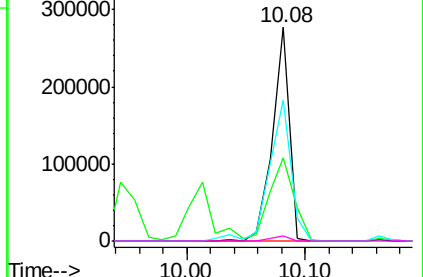
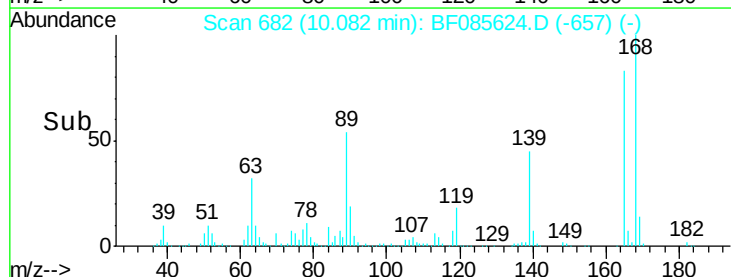


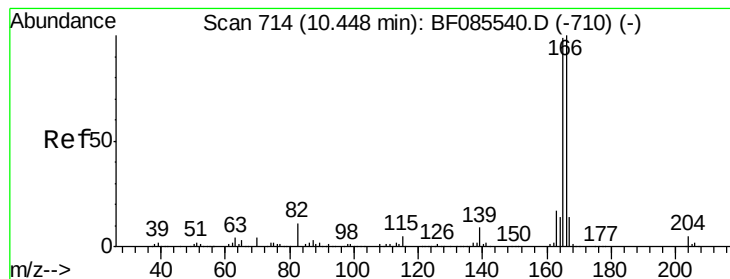
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.37 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

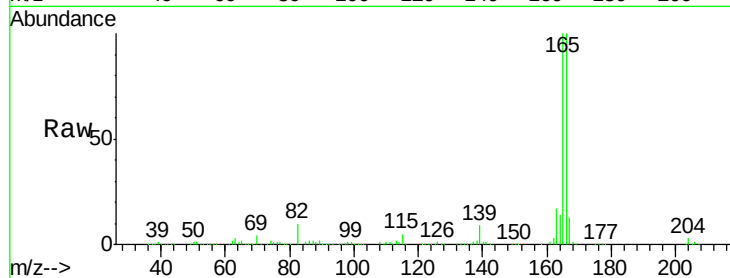
Tgt Ion:166 Resp: 783245

Ion Ratio Lower Upper

166 100

165 100.2 79.4 119.0

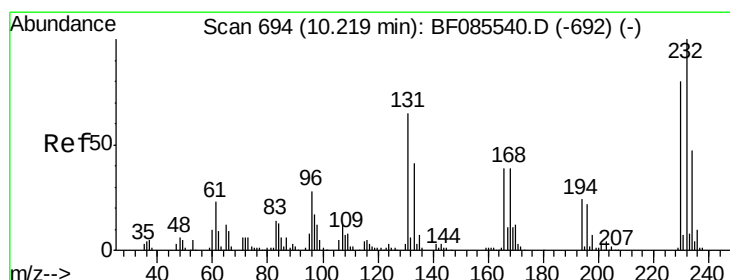
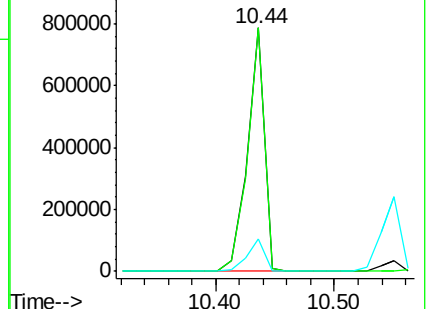
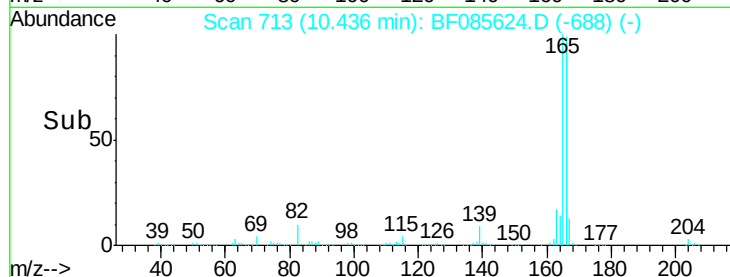
167 13.3 11.0 16.4



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: 46.07 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Tgt Ion:232 Resp: 186325

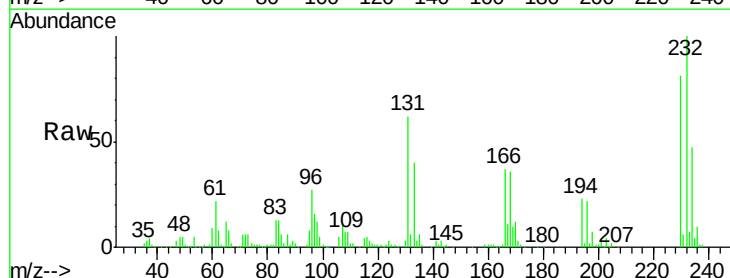
Ion Ratio Lower Upper

232 100

131 54.5 44.9 67.3

130 2.6 2.3 3.5

166 32.2 28.1 42.1

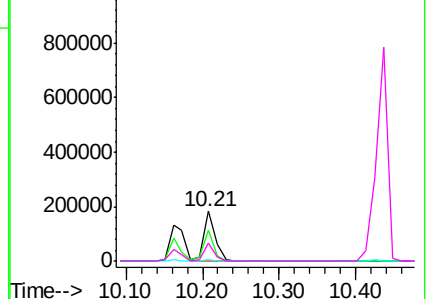
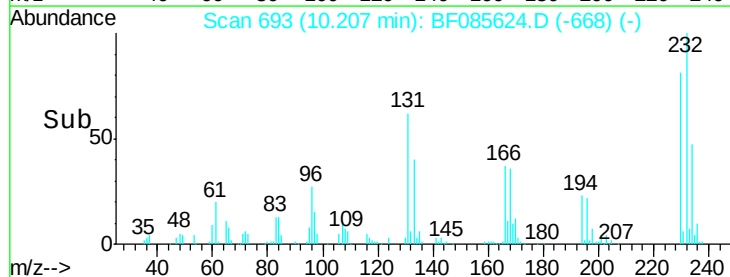


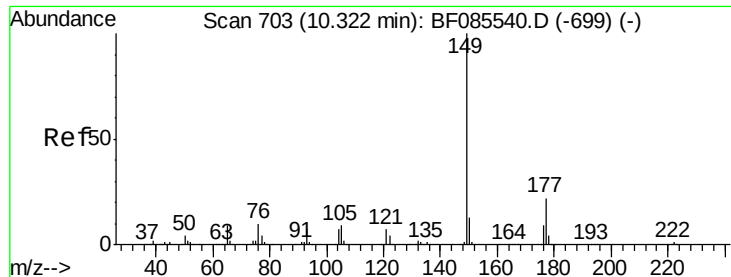
Abundance Ion 232.00 (231.70 to 232.70): E

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

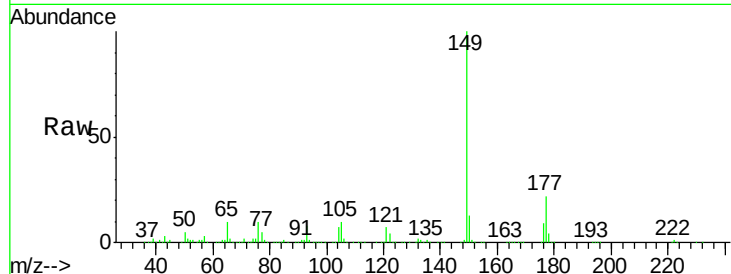




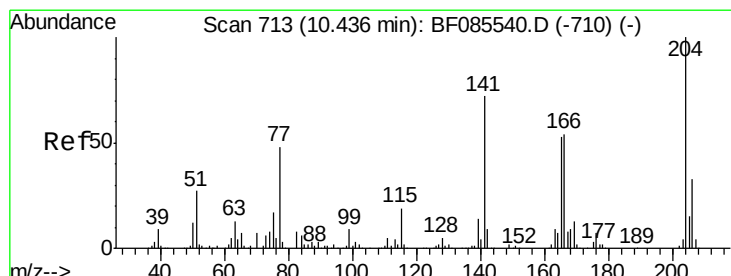
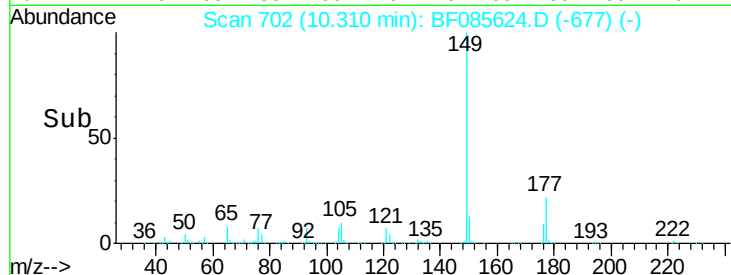
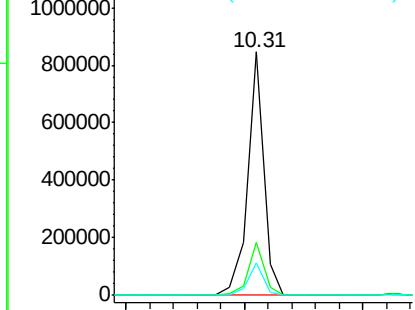
#59
Diethylphthalate
Concen: 40.11 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tgt Ion:149 Resp: 799737
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 13.2 10.2 15.2

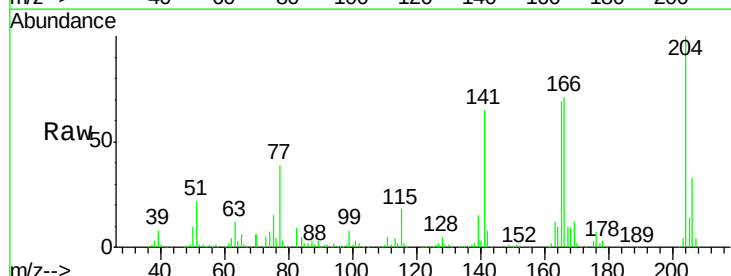


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

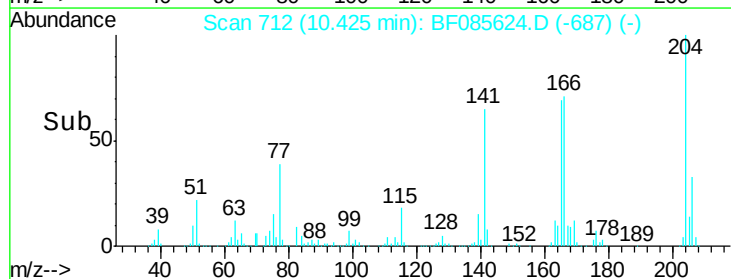
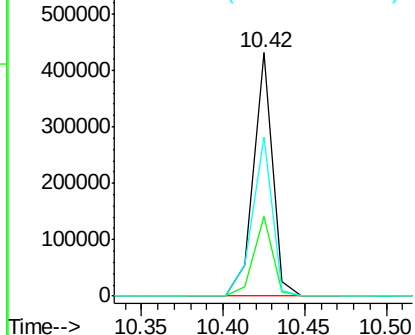


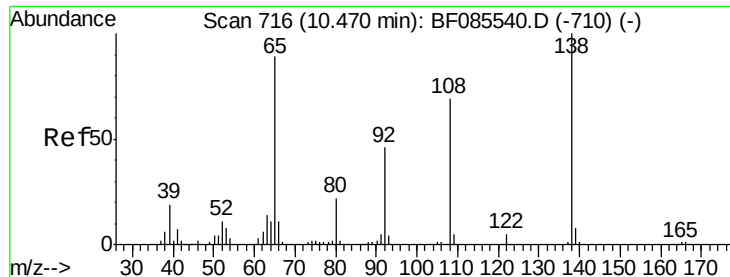
#60
4-Chlorophenyl-phenylether
Concen: 41.95 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:204 Resp: 353666
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 65.4 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

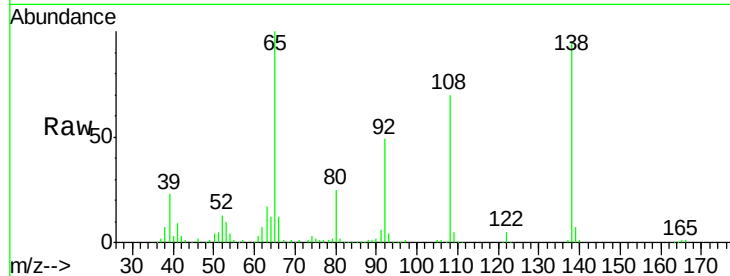




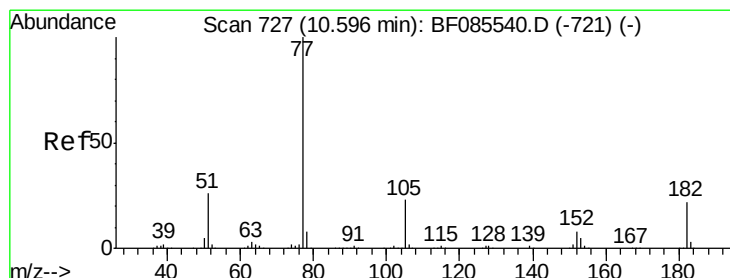
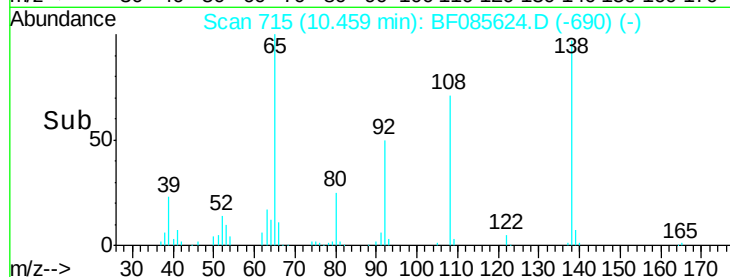
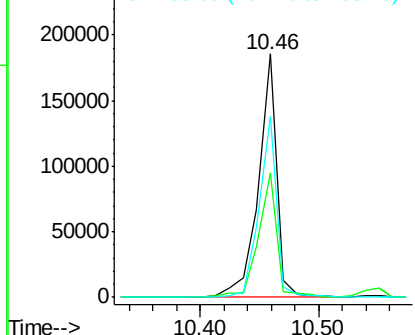
#61
4-Nitroaniline
Concen: 38.59 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tgt Ion:138 Resp: 201752
Ion Ratio Lower Upper
138 100
92 51.3 26.4 66.4
108 74.2 49.0 89.0

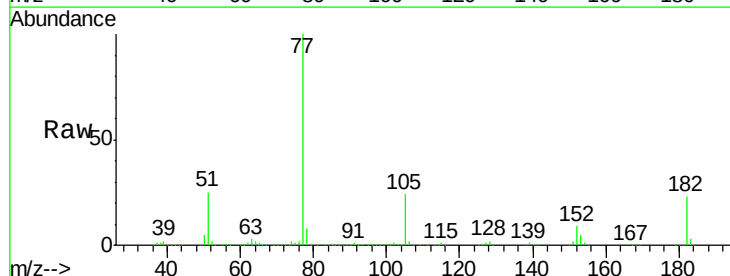


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

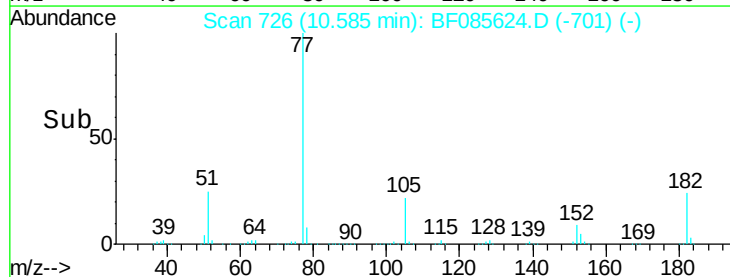
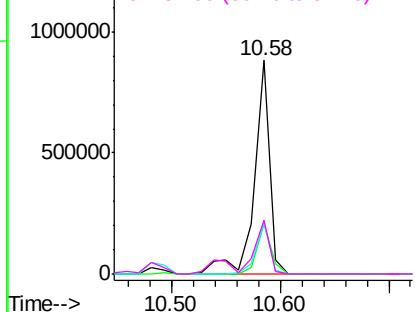


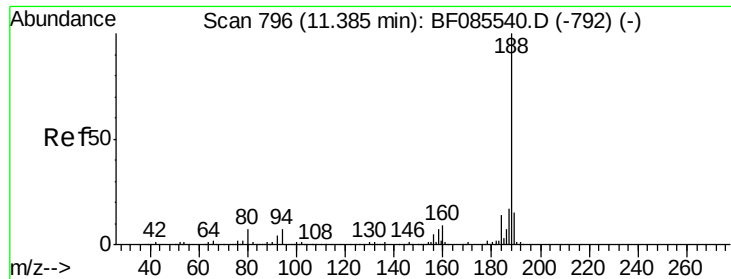
#62
Azobenzene
Concen: 45.80 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion: 77 Resp: 876446
Ion Ratio Lower Upper
77 100
182 23.4 1.9 41.9
105 23.8 3.5 43.5
51 25.5 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

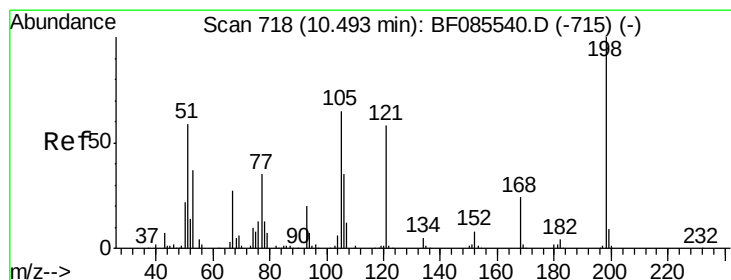
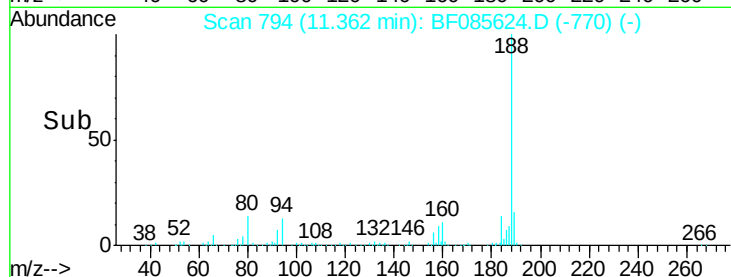
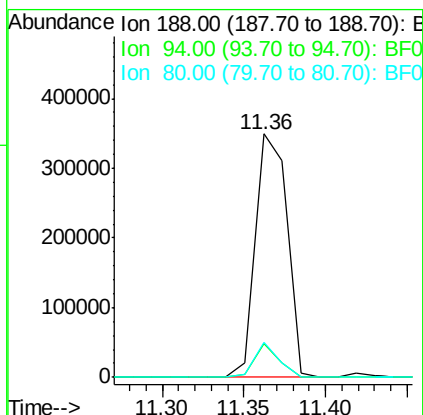
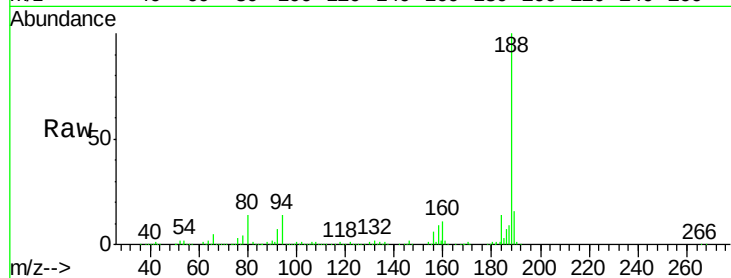




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

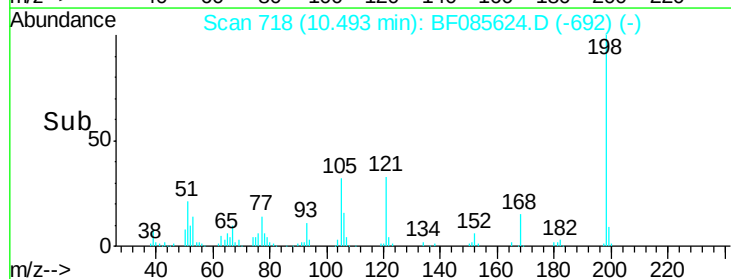
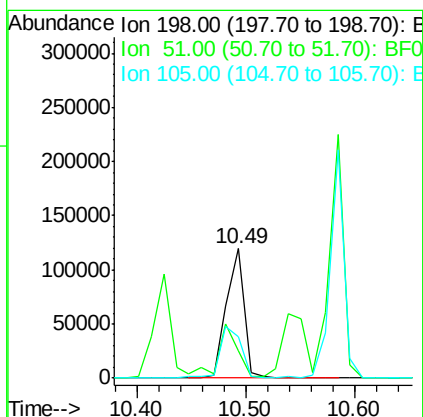
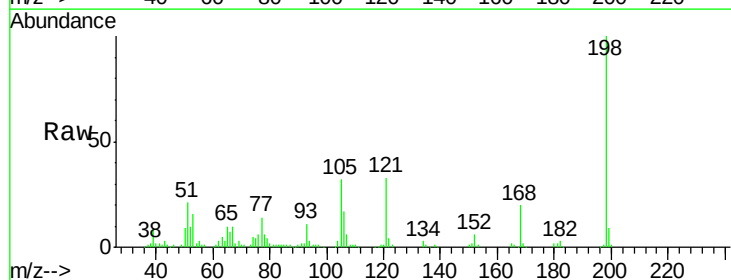
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

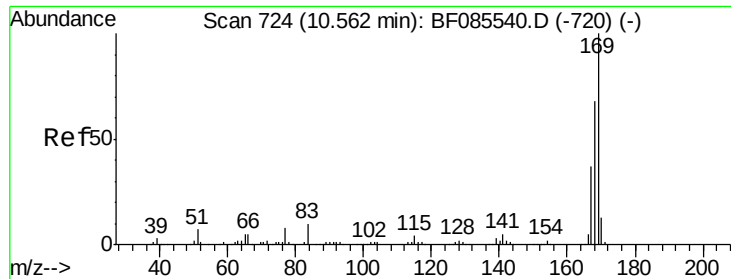
Tgt Ion:188 Resp: 473044
Ion Ratio Lower Upper
188 100
94 13.6 5.4 8.0#
80 14.3 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.65 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:198 Resp: 135148
Ion Ratio Lower Upper
198 100
51 20.7 45.4 85.4#
105 32.2 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 49.02 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

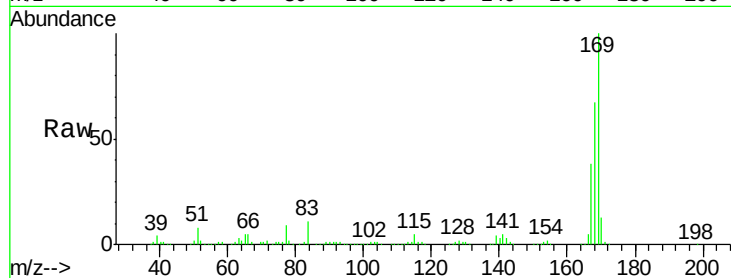
Tgt Ion:169 Resp: 722286

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

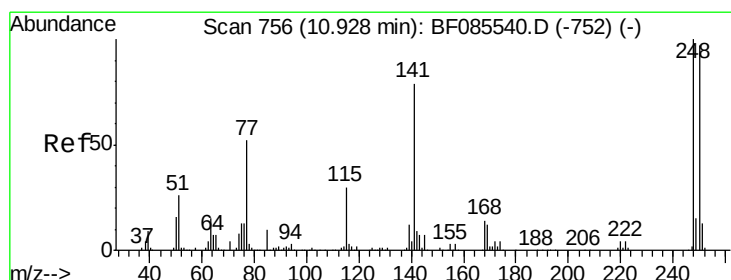
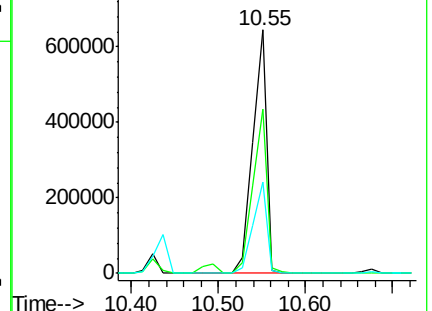
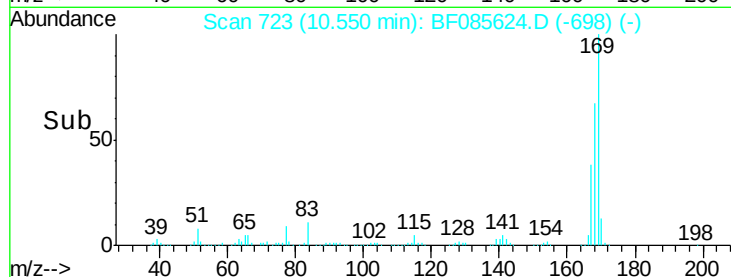
167 37.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.56 ng

RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

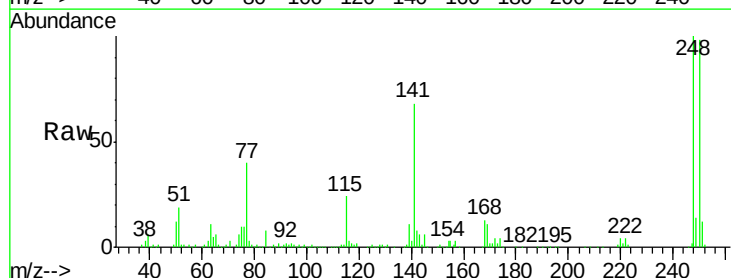
Tgt Ion:248 Resp: 234201

Ion Ratio Lower Upper

248 100

250 98.4 77.4 116.0

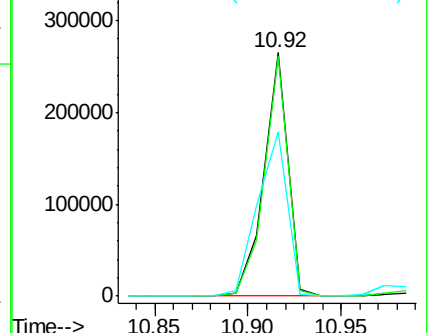
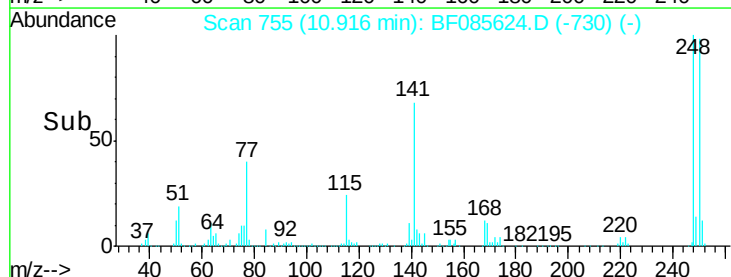
141 67.6 63.6 95.4

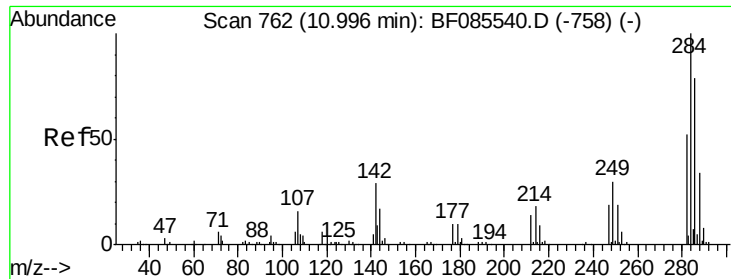


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

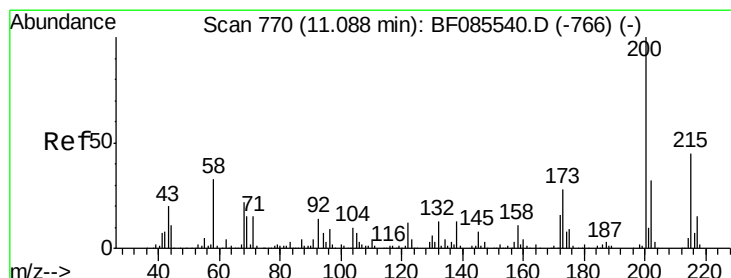
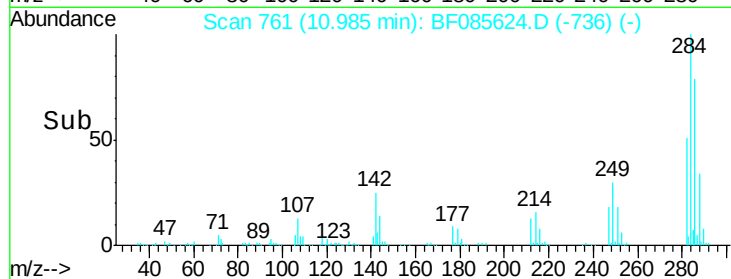
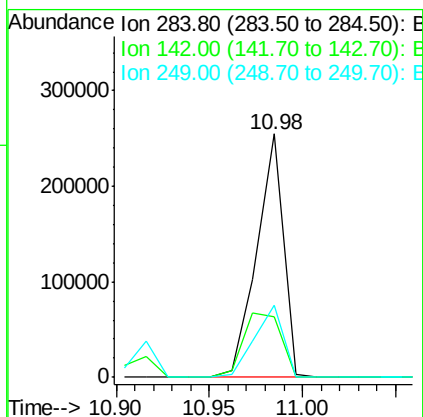
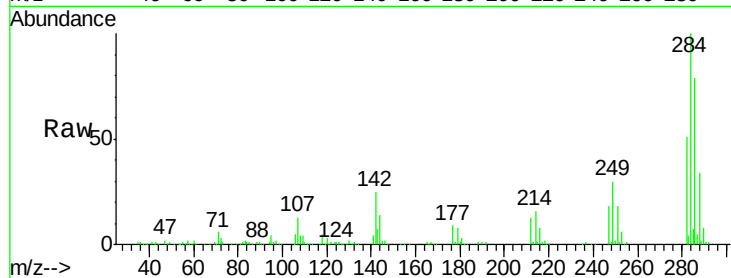




#67
Hexachlorobenzene
Concen: 50.25 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

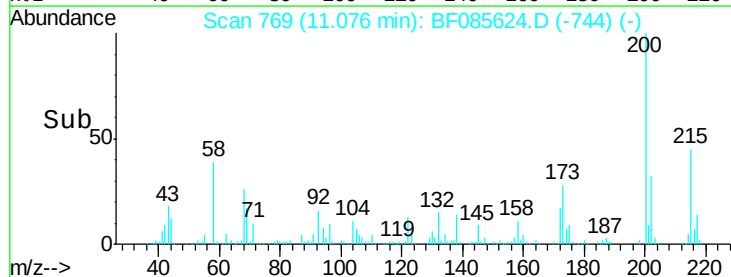
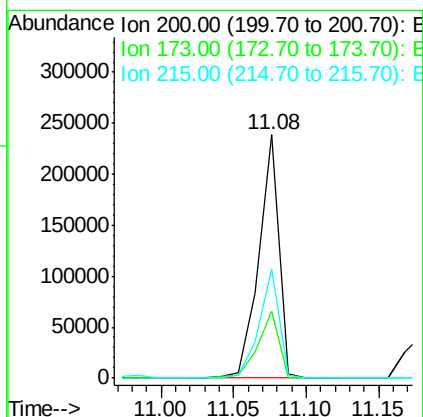
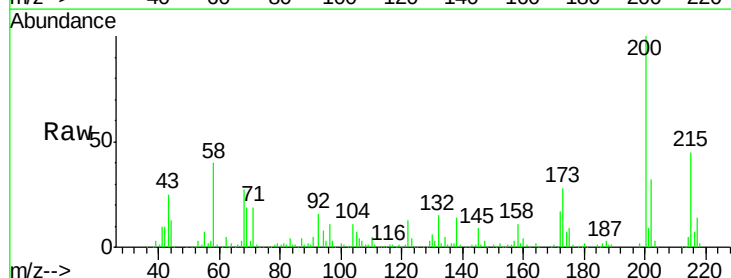
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

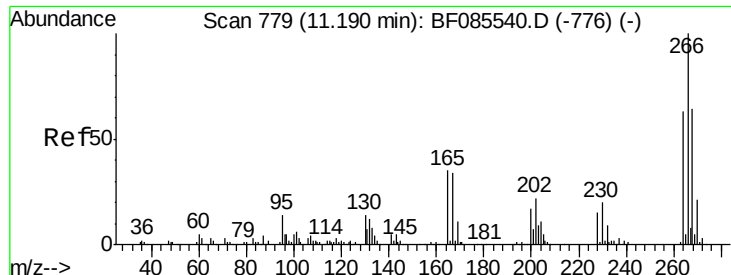
Tgt Ion:284 Resp: 252290
Ion Ratio Lower Upper
284 100
142 24.8 23.1 34.7
249 29.6 24.2 36.2



#68
Atrazine
Concen: 51.13 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion:200 Resp: 229383
Ion Ratio Lower Upper
200 100
173 27.7 7.7 47.7
215 45.0 25.4 65.4

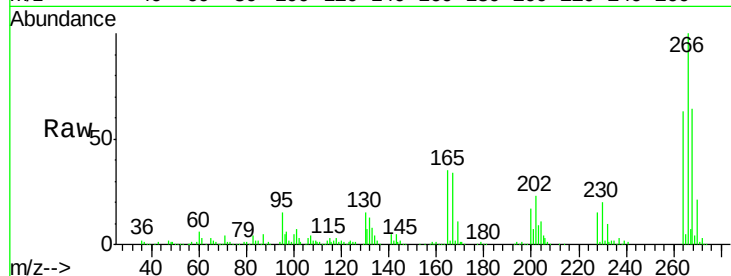




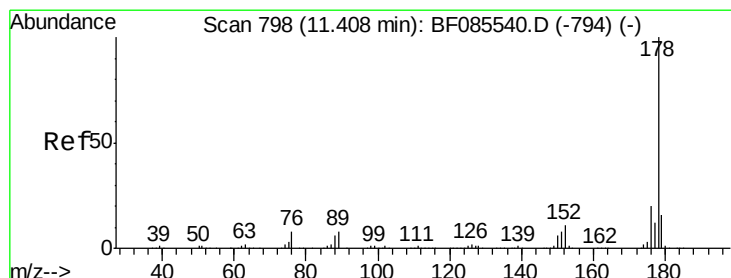
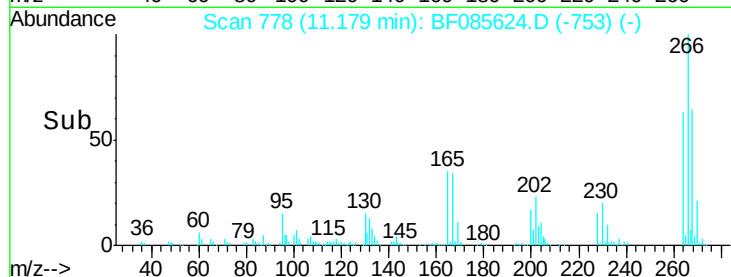
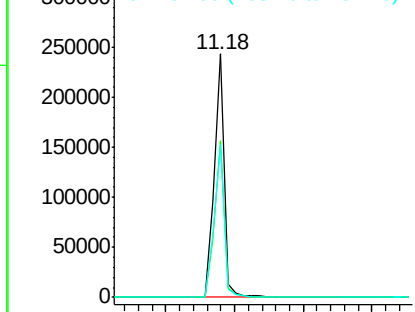
#69
 Pentachlorophenol
 Concen: 82.73 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:266 Resp: 252181
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 62.7 50.6 76.0

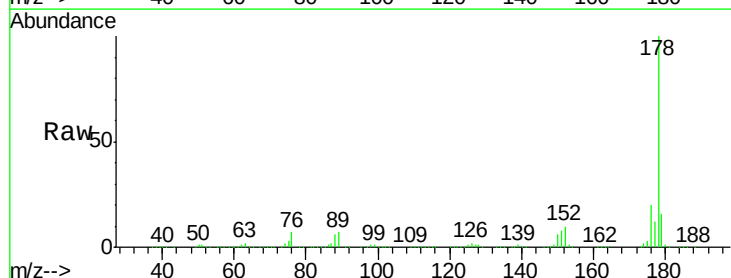


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

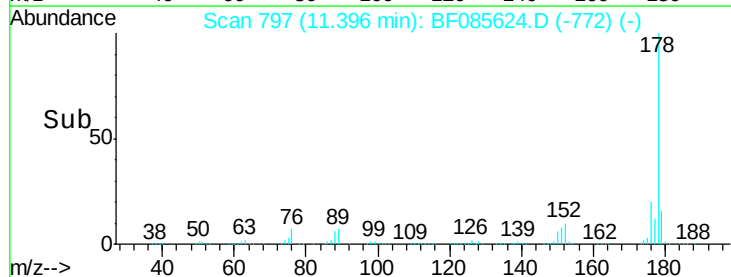
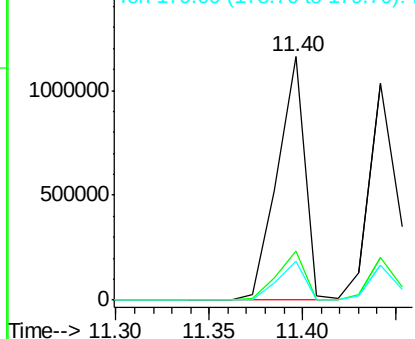


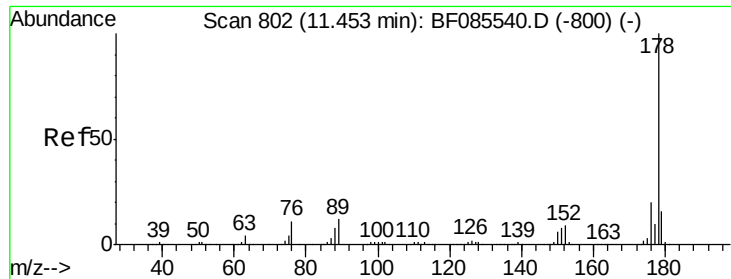
#70
 Phenanthrene
 Concen: 47.77 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion:178 Resp: 1191576
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.9 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

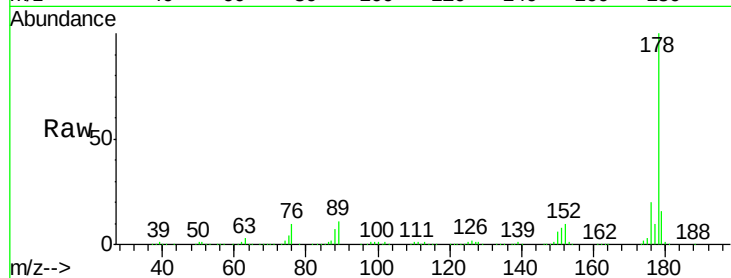




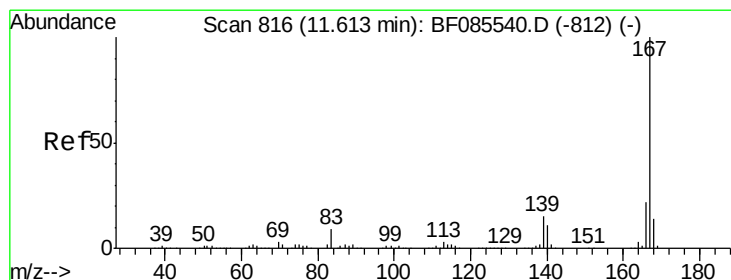
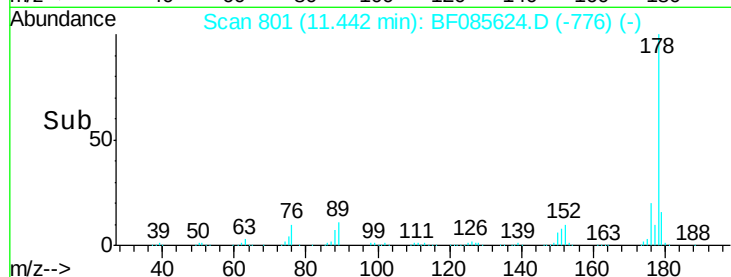
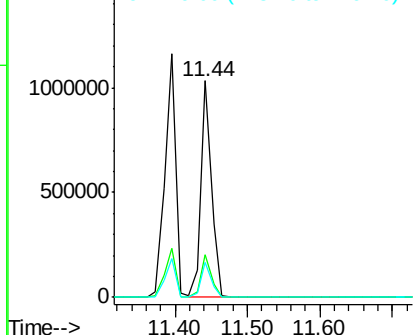
#71
 Anthracene
 Concen: 40.09 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:178 Resp: 1048446
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.2 13.0 19.4

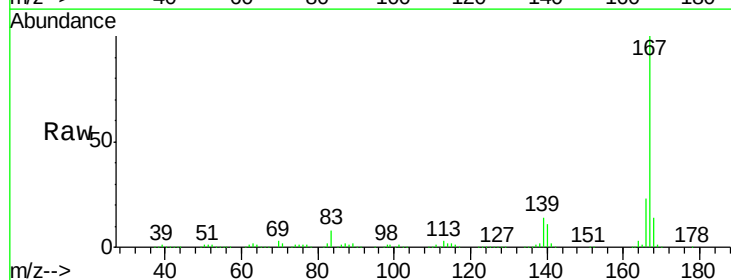


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

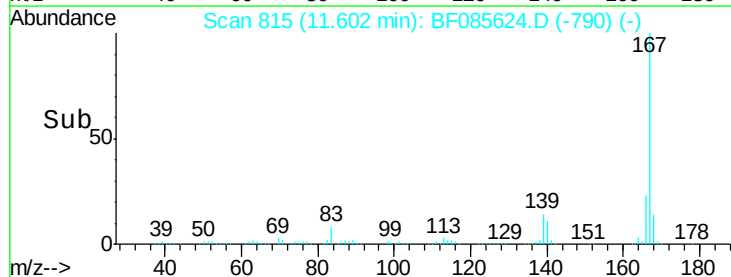
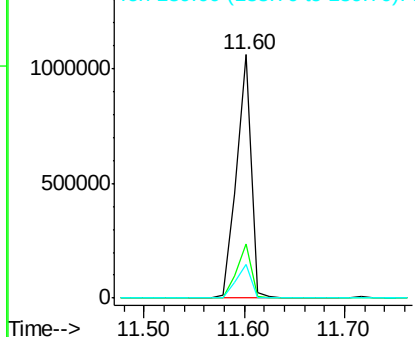


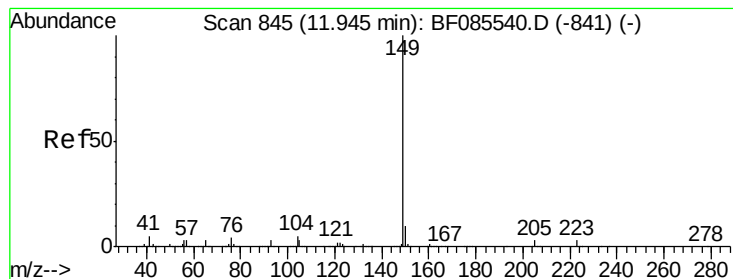
#72
 Carbazole
 Concen: 47.76 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion:167 Resp: 1077541
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 13.9 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: 47.04 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

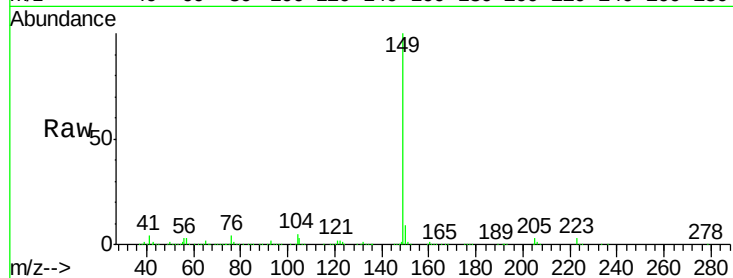
Tgt Ion:149 Resp: 1329049

Ion Ratio Lower Upper

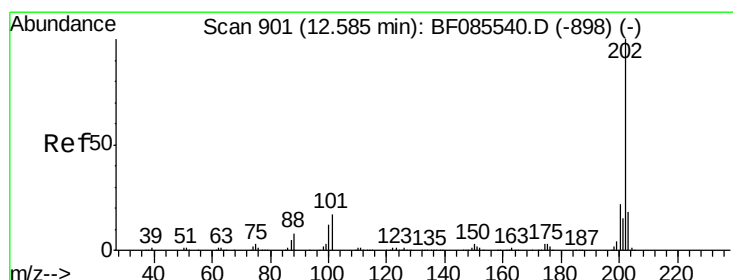
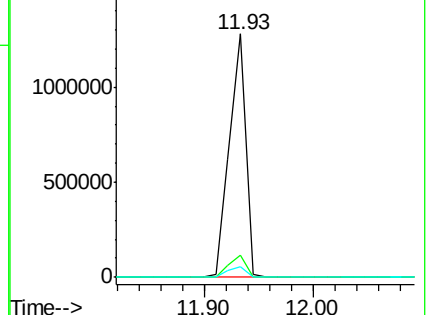
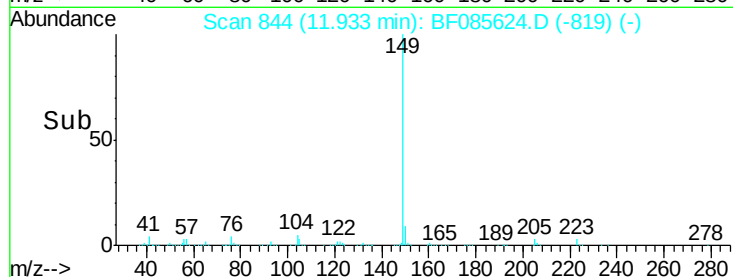
149 100

150 9.3 7.6 11.4

104 4.5 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: 39.83 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

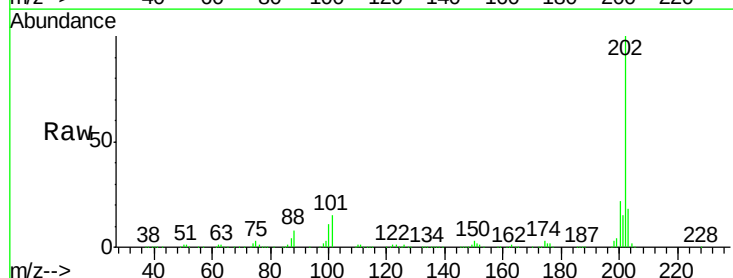
Tgt Ion:202 Resp: 1040228

Ion Ratio Lower Upper

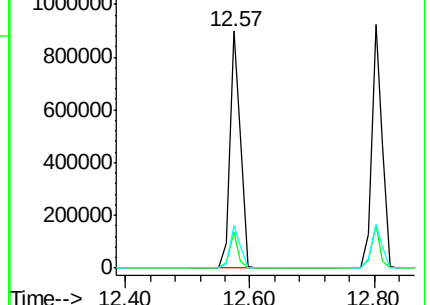
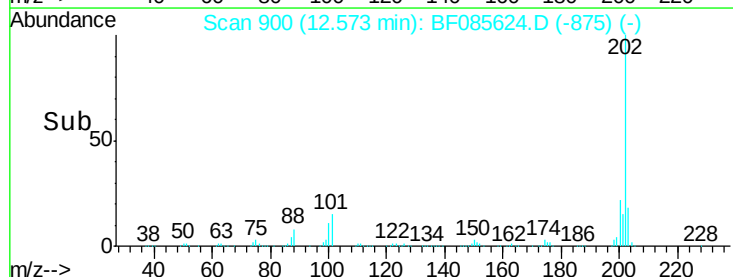
202 100

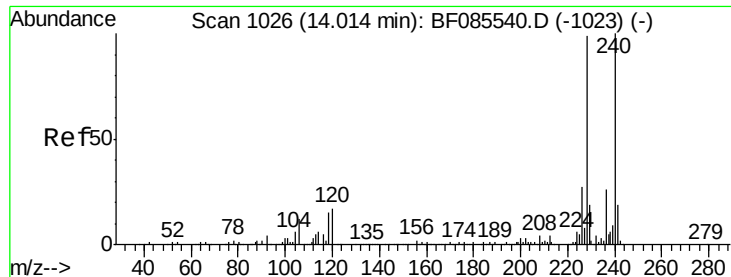
101 15.2 0.0 36.6

203 18.0 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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

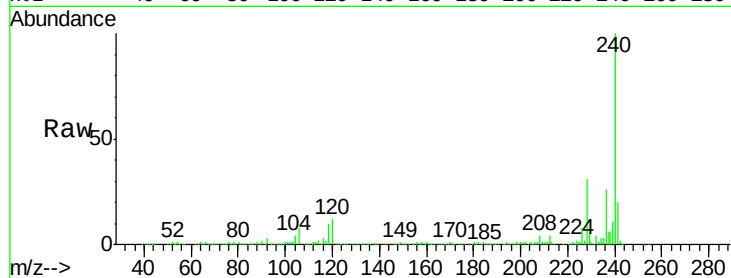
Tgt Ion:240 Resp: 330602

Ion Ratio Lower Upper

240 100

120 11.6 13.8 20.8#

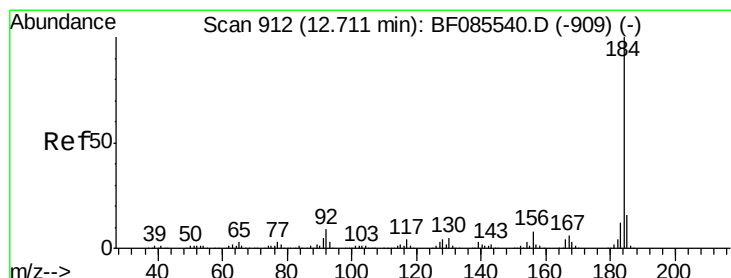
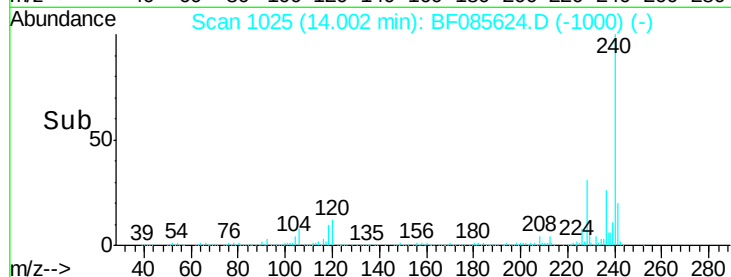
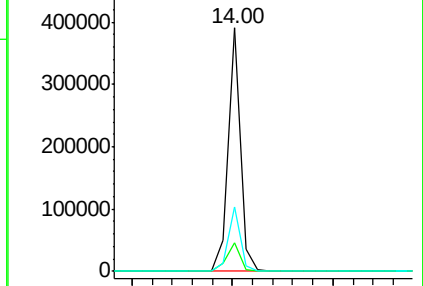
236 26.3 20.6 30.8



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: 8.53 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

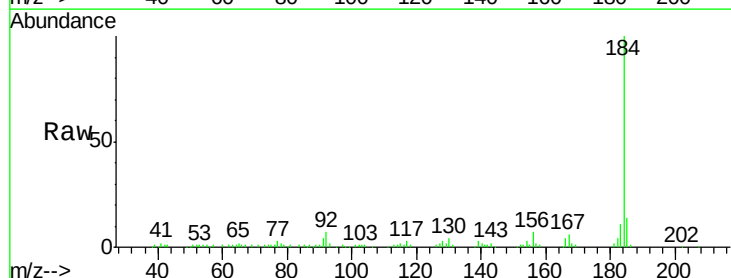
Tgt Ion:184 Resp: 94808

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

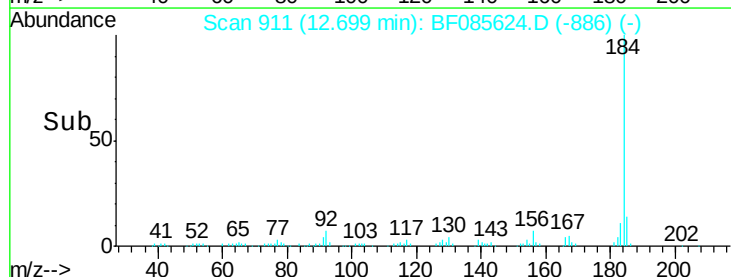
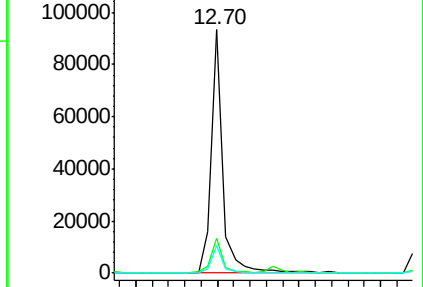
183 11.4 9.4 14.2

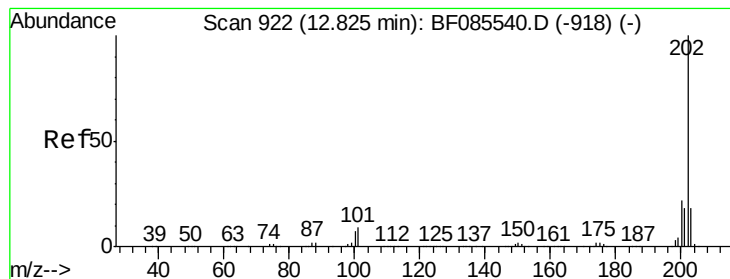


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.46 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

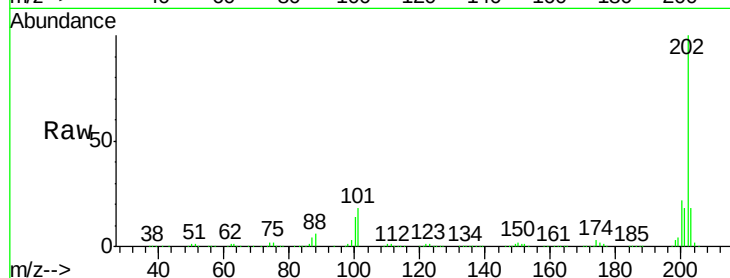
Tgt Ion:202 Resp: 1055498

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

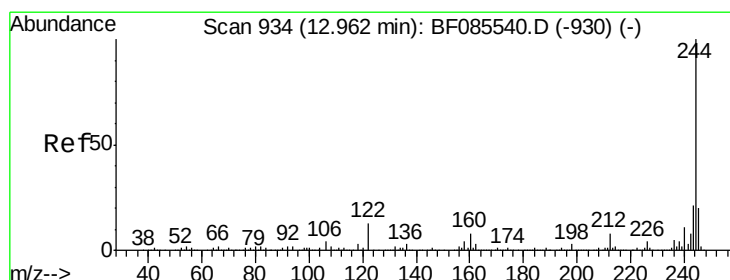
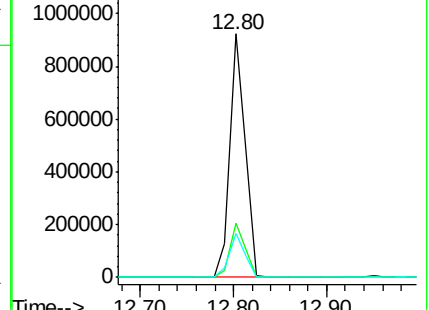
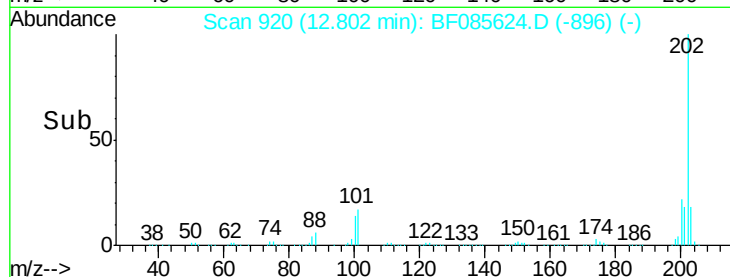
203 18.3 14.0 21.0



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: 87.41 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

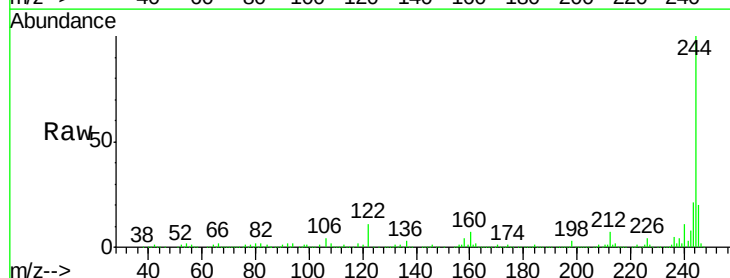
Tgt Ion:244 Resp: 1200840

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

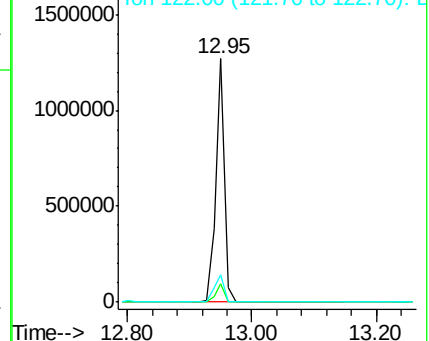
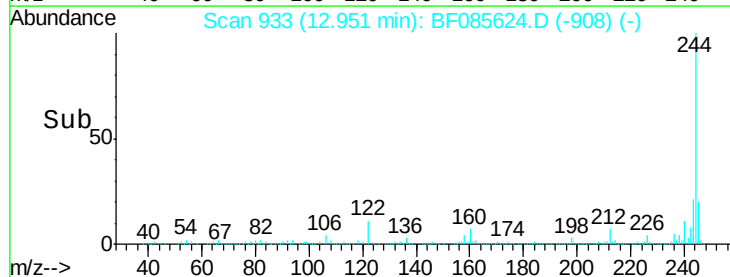
122 11.4 10.2 15.4

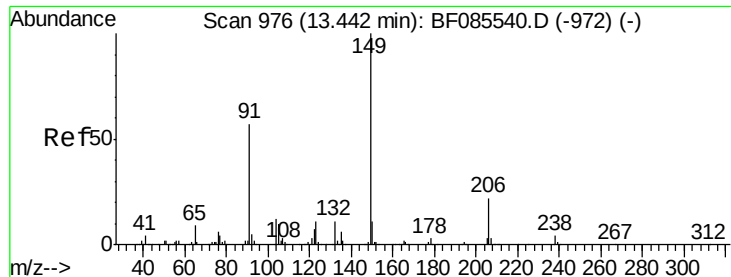


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

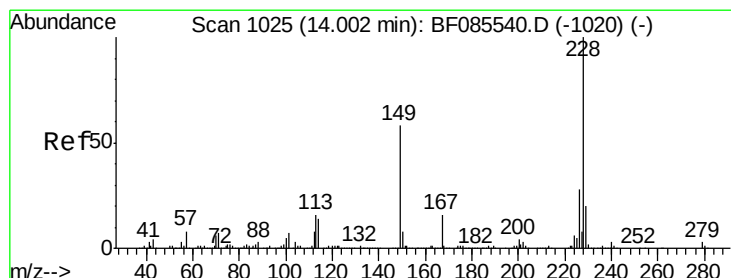
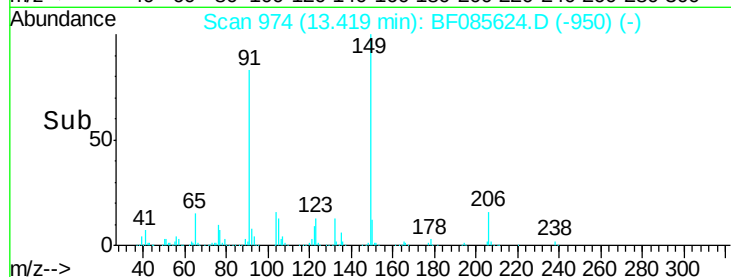
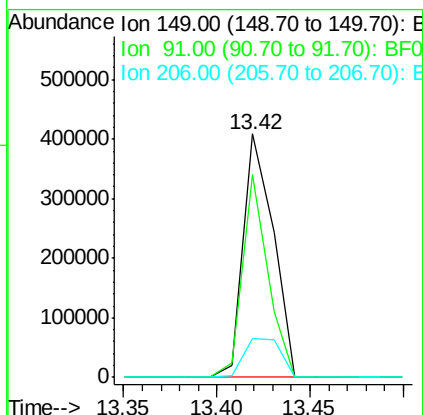
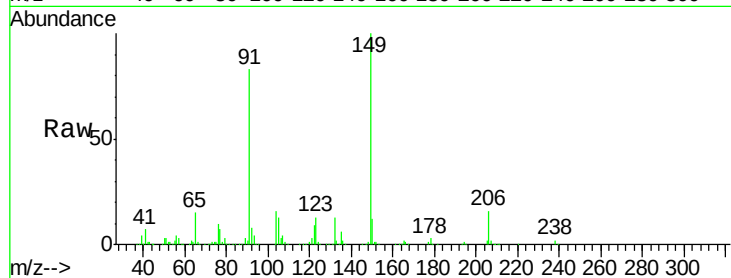




#79
Butylbenzylphthalate
Concen: 40.95 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

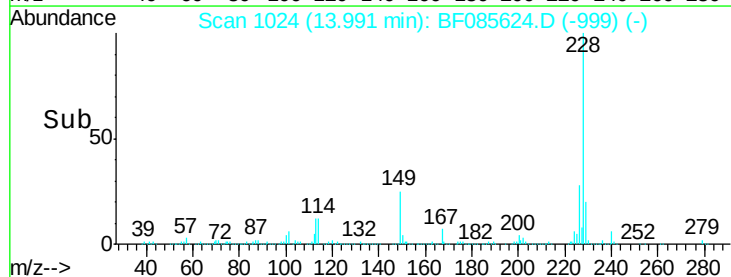
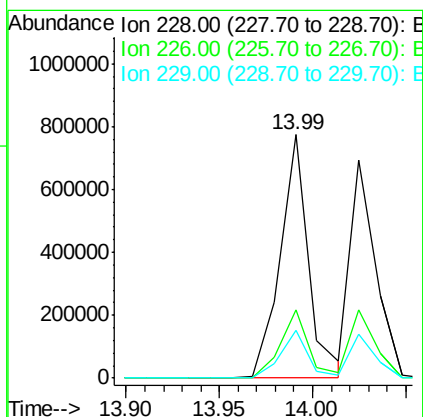
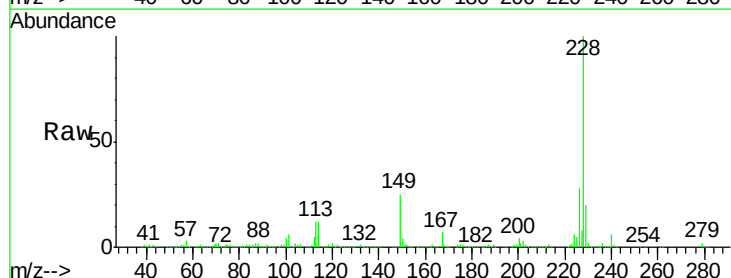
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

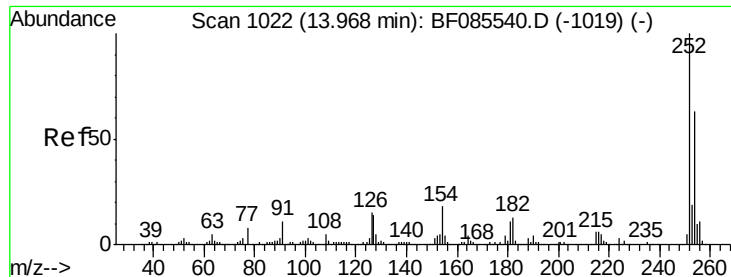
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.2	45.8	68.8#
206	16.1	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 42.69 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085624.D
Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.8	16.2	24.4

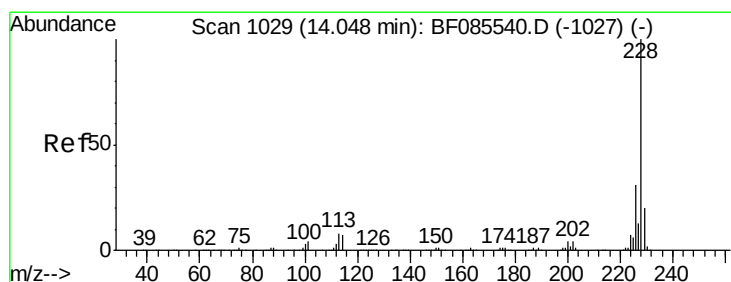
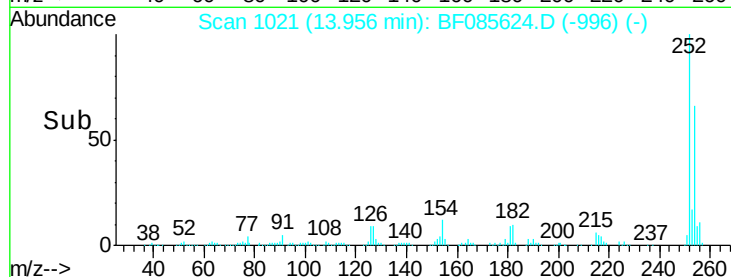
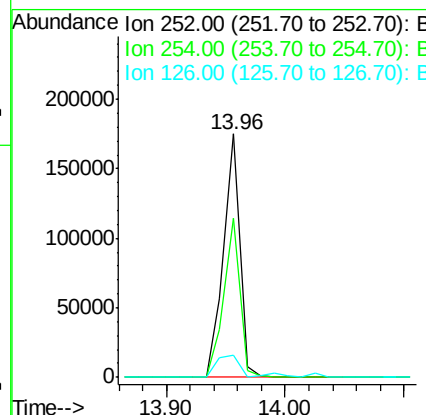
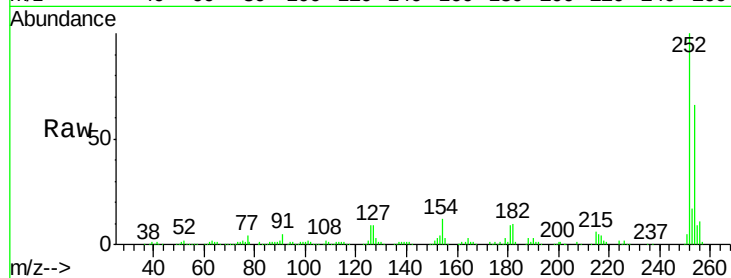




#81
 3,3'-Dichlorobenzidine
 Concen: 23.62 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

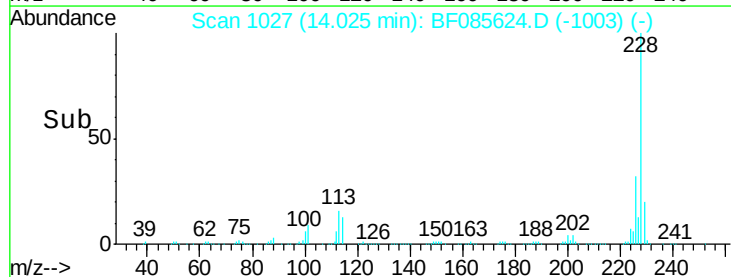
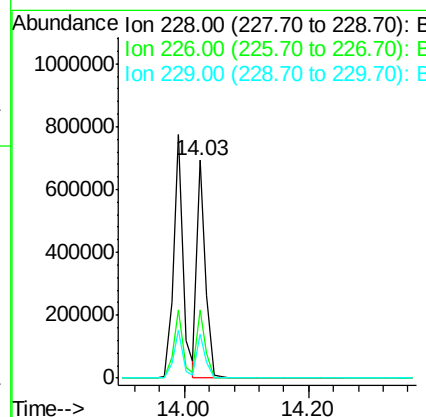
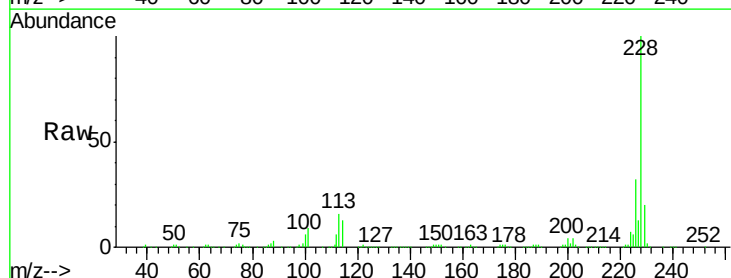
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

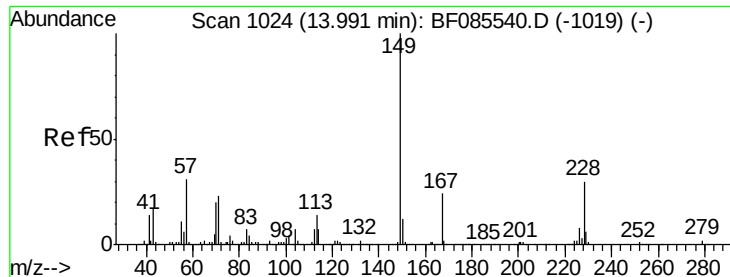
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.7	76.1
126	9.1	11.8	17.6#



#82
 Chrysene
 Concen: 36.57 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.3	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.06 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

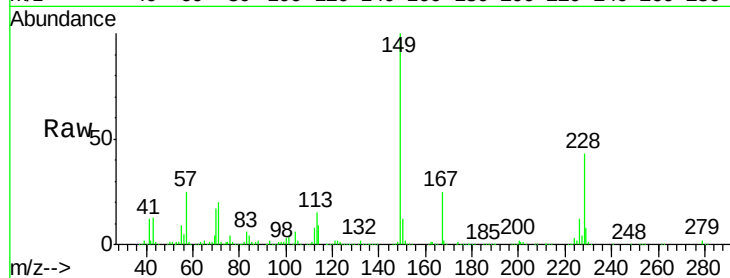
Tgt Ion:149 Resp: 549108

Ion Ratio Lower Upper

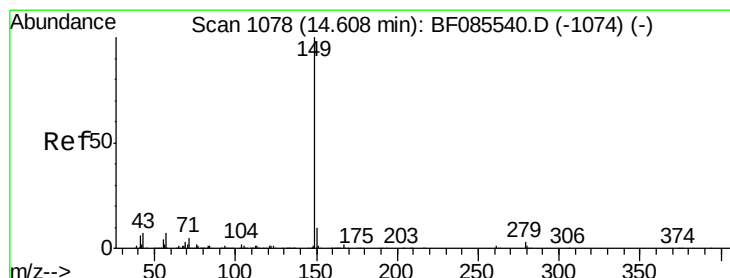
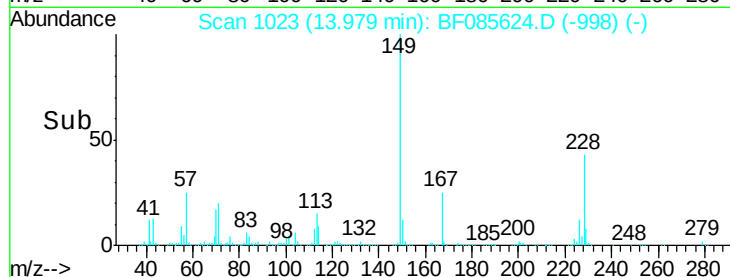
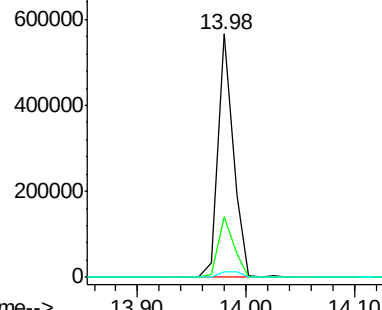
149 100

167 25.0 19.4 29.2

279 2.4 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: 38.88 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

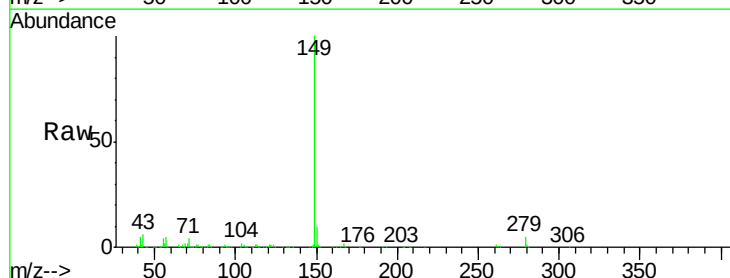
Tgt Ion:149 Resp: 890620

Ion Ratio Lower Upper

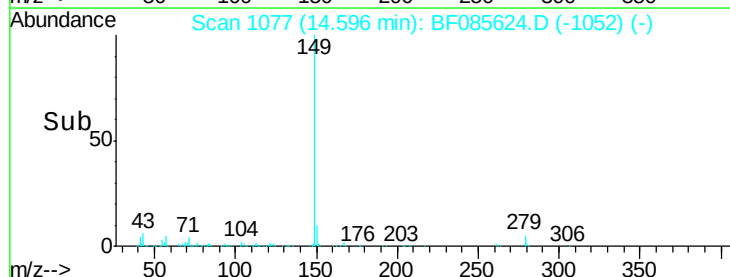
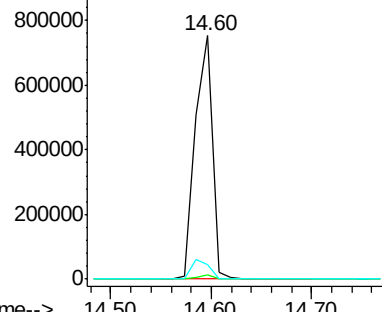
149 100

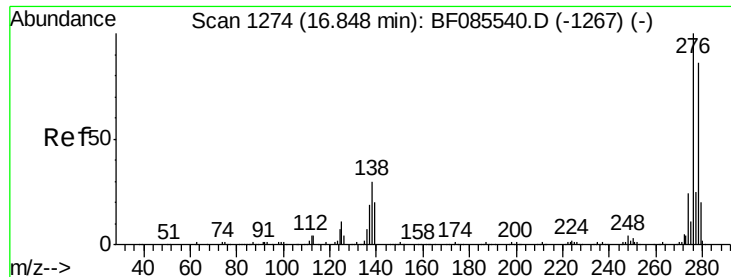
167 1.5 1.2 1.8

43 8.4 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

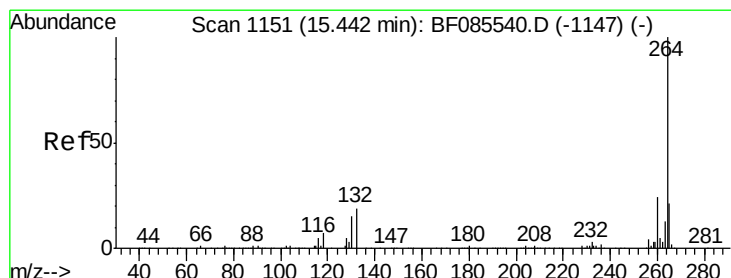
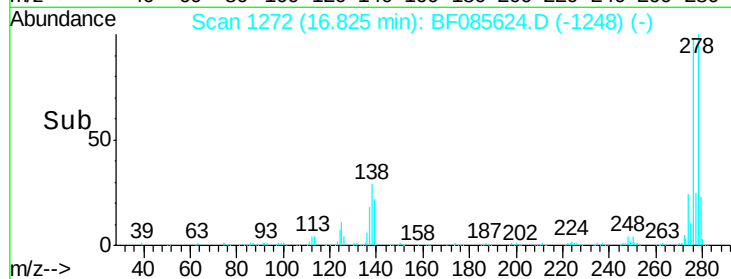
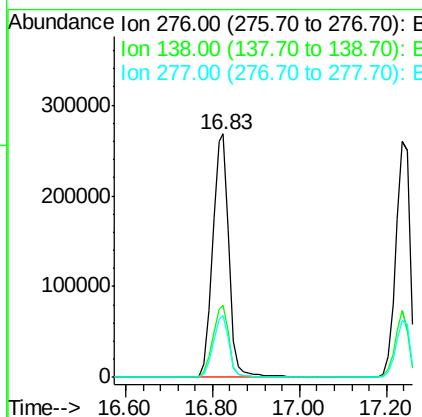
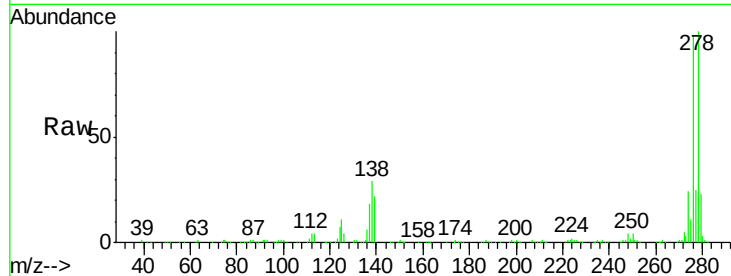




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.24 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

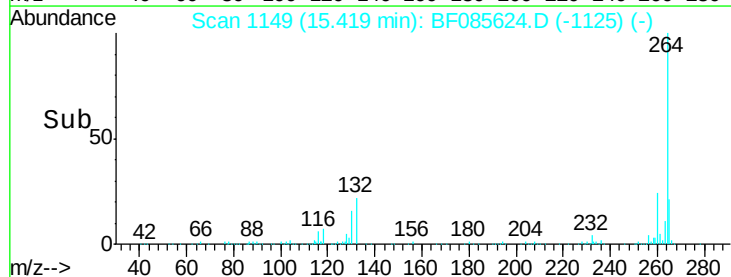
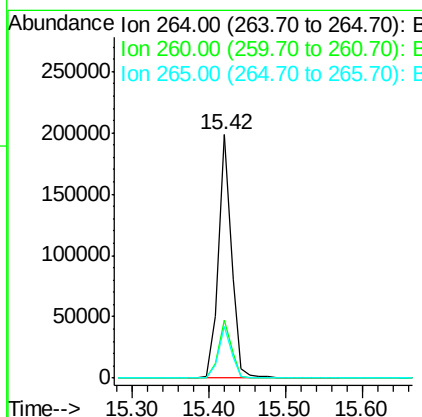
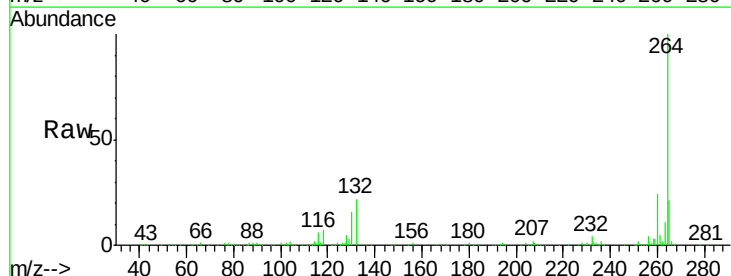
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

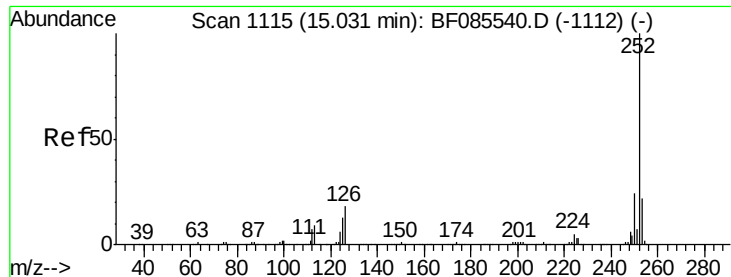
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.2	36.4
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085624.D
 Acq: 21 Mar 2016 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 83.86 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

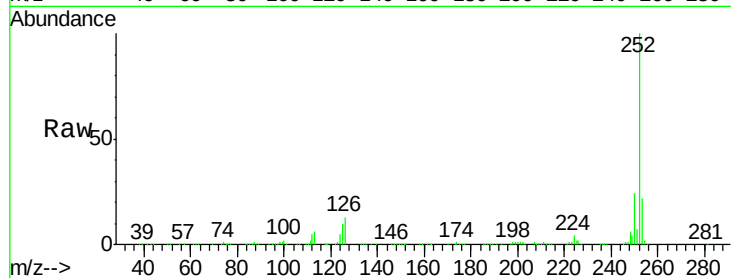
Tgt Ion:252 Resp: 1296270

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

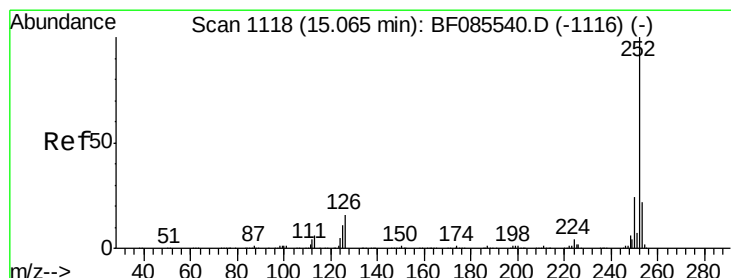
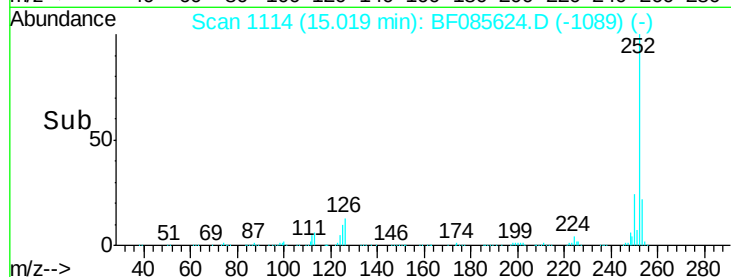
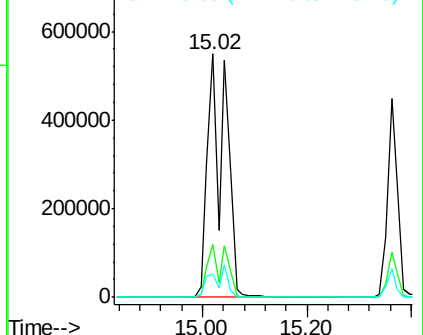
125 9.8 10.3 15.5#



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



#88

Benzo(k)fluoranthene

Concen: 101.82 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.05 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

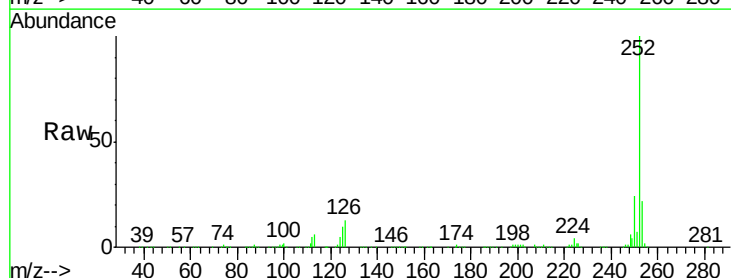
Tgt Ion:252 Resp: 1296730

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

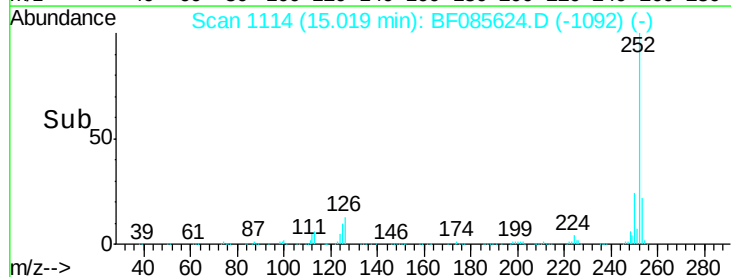
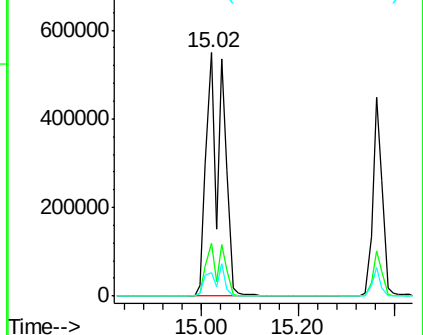
125 9.8 7.7 11.5

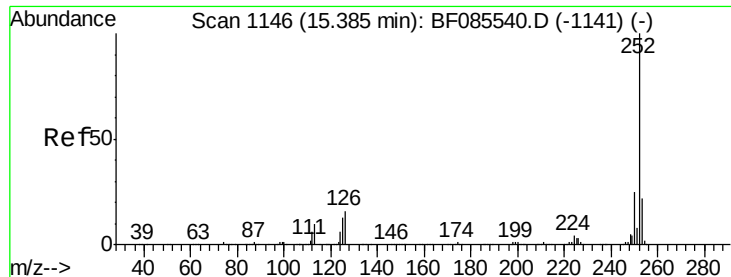


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.51 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

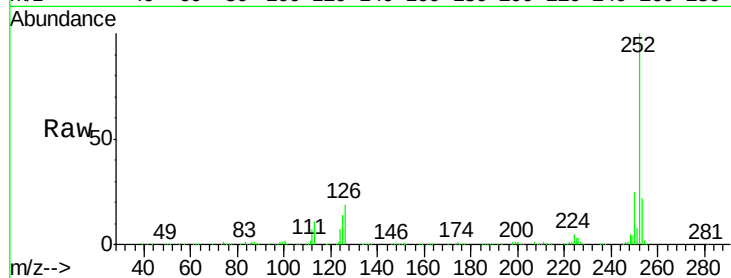
Tgt Ion:252 Resp: 609558

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

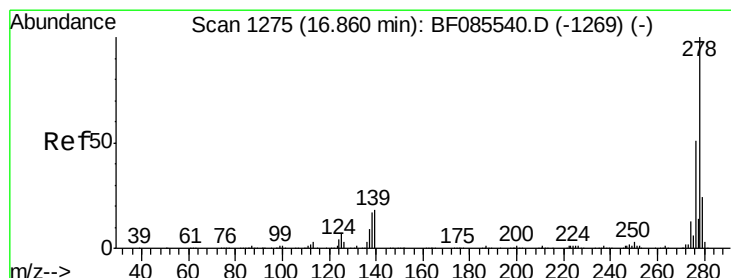
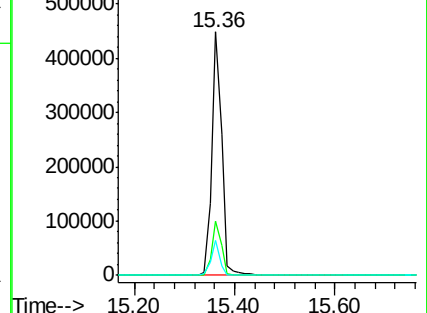
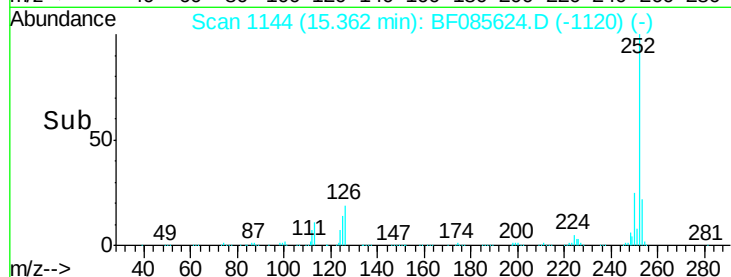
125 14.5 10.3 15.5



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: 55.19 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

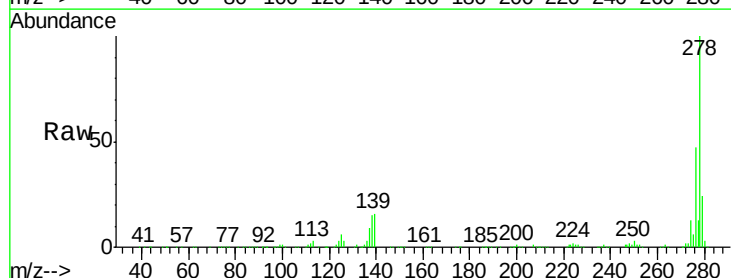
Tgt Ion:278 Resp: 603200

Ion Ratio Lower Upper

278 100

139 16.5 14.4 21.6

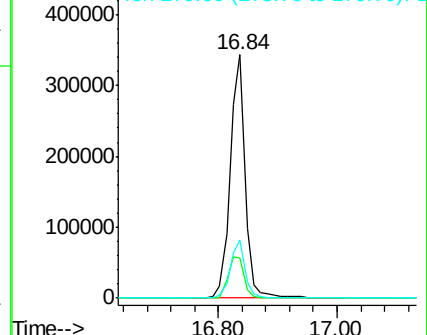
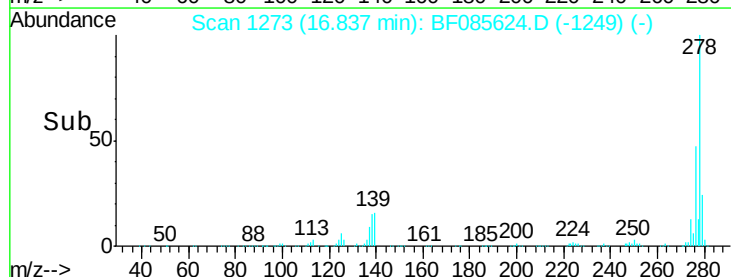
279 23.8 19.1 28.7

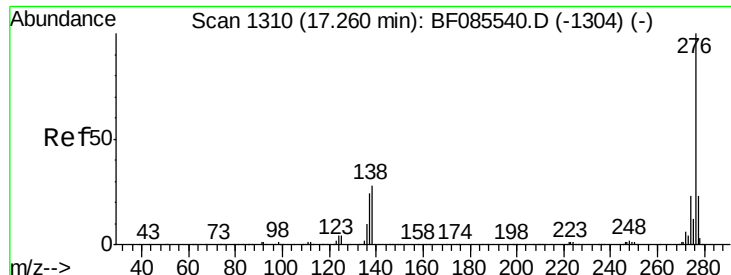


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.10 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085624.D

Acq: 21 Mar 2016 16:09

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

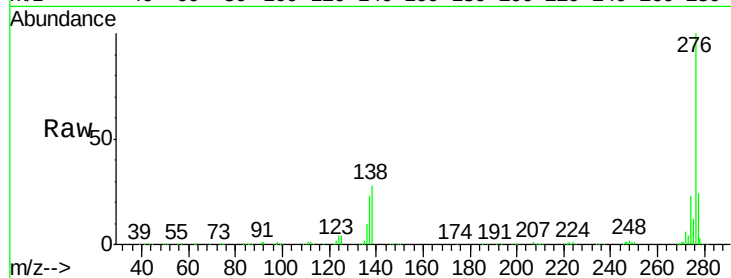
Tgt Ion:276 Resp: 614692

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 28.1 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

