

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085243.D
 Acq On : 5 Mar 2016 10:02
 Operator : SJ/IZ
 Sample : H1686-02MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:04:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140108	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	507122	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	194551	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	331185	20.00	ng	0.00
75) Chrysene-d12	14.15	240	208139	20.00	ng	0.00
86) Perylene-d12	15.61	264	196123	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1192245	142.74	ng	0.01
7) Phenol-d6	6.61	99	1476608	134.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	989136	104.37	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	266450	160.06	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1416716	110.75	ng	-0.01
78) Terphenyl-d14	13.09	244	845676	94.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	186193	43.59	ng	98
3) Pyridine	3.50	79	497727	46.56	ng	99
4) n-Nitrosodimethylamine	3.45	42	236672	51.73	ng	93
6) Aniline	6.64	93	273457	17.83	ng	96
8) 2-Chlorophenol	6.76	128	416379	41.41	ng	94
9) Benzaldehyde	6.52	77	154250	27.51	ng	100
10) Phenol	6.62	94	613612	52.35	ng	92
11) bis(2-Chloroethyl)ether	6.71	93	456645	46.91	ng	99
12) 1,3-Dichlorobenzene	6.92	146	487889	45.19	ng	98
13) 1,4-Dichlorobenzene	6.92	146	487889	45.09	ng	96
14) 1,2-Dichlorobenzene	7.14	146	453760	46.22	ng	98
15) Benzyl Alcohol	7.11	79	364982	45.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	545079	38.85	ng	97
17) 2-Methylphenol	7.22	107	374433	45.63	ng	97
18) Hexachloroethane	7.49	117	174007	43.59	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	321074	45.02	ng	# 89
20) 3+4-Methylphenols	7.37	107	429464	44.19	ng	97
22) Acetophenone	7.38	105	580380	46.89	ng	# 99
24) Nitrobenzene	7.56	77	453864	47.14	ng	99
25) Isophorone	7.80	82	862376	49.10	ng	# 97
26) 2-Nitrophenol	7.88	139	215306	45.96	ng	# 87
27) 2,4-Dimethylphenol	7.91	122	431264	50.37	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	481420	49.22	ng	98
29) 2,4-Dichlorophenol	8.12	162	358432	51.91	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	362626	48.57	ng	99
31) Naphthalene	8.29	128	1222915	49.04	ng	98
32) Benzoic acid	7.99	122	91396	16.07	ng	90
33) 4-Chloroaniline	8.32	127	152226	15.09	ng	100
34) Hexachlorobutadiene	8.40	225	213269	54.90	ng	99
35) Caprolactam	8.69	113	132739	58.86	ng	# 89
36) 4-Chloro-3-methylphenol	8.81	107	384468	49.08	ng	94
37) 2-Methylnaphthalene	8.97	142	798852	49.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	325948	58.58	ng	96
40) Hexachlorocyclopentadiene	9.13	237	112103	37.36	ng	97

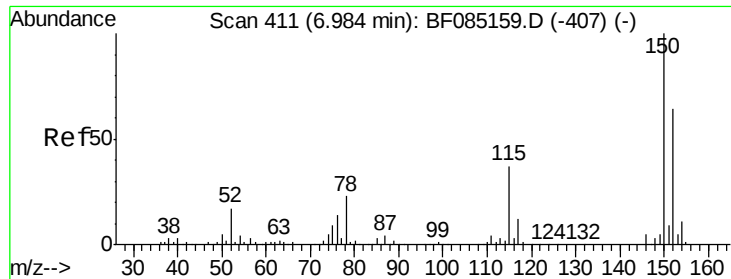
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085243.D
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Quant Time: Mar 07 00:04:06 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	212261	51.25	ng	95
43) 2,4,5-Trichlorophenol	9.29	196	218695	55.69	ng	98
45) 1,1'-Biphenyl	9.44	154	902042	54.27	ng	95
46) 2-Chloronaphthalene	9.46	162	647616	51.11	ng	95
47) 2-Nitroaniline	9.56	65	221359	56.38	ng	85
48) Acenaphthylene	9.88	152	970210	49.20	ng	99
49) Dimethylphthalate	9.74	163	906741	60.72	ng	100
50) 2,6-Dinitrotoluene	9.80	165	151179	47.32	ng	92
51) Acenaphthene	10.05	154	562604	46.99	ng	98
52) 3-Nitroaniline	9.97	138	157273	41.15	ng	# 92
53) 2,4-Dinitrophenol	10.07	184	10605	13.91	ng	# 50
54) Dibenzofuran	10.22	168	805472	51.35	ng	96
55) 4-Nitrophenol	10.12	139	227407	75.71	ng	# 68
56) 2,4-Dinitrotoluene	10.20	165	180228	44.08	ng	# 91
57) Fluorene	10.57	166	588605	47.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141149	51.16	ng	# 94
59) Diethylphthalate	10.44	149	722400	49.85	ng	97
60) 4-Chlorophenyl-phenylether	10.56	204	311674	51.99	ng	# 88
61) 4-Nitroaniline	10.57	138	131281	36.72	ng	98
62) Azobenzene	10.72	77	718874	50.35	ng	85
64) 4,6-Dinitro-2-methylphenol	10.61	198	19729	9.95	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	590757	57.35	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	192322	59.81	ng	# 87
67) Hexachlorobenzene	11.12	284	192462	56.10	ng	99
68) Atrazine	11.20	200	184495	64.40	ng	98
69) Pentachlorophenol	11.30	266	182849	96.02	ng	99
70) Phenanthrene	11.53	178	954398	54.99	ng	99
71) Anthracene	11.58	178	851913	46.24	ng	98
72) Carbazole	11.74	167	774838	47.96	ng	99
73) Di-n-butylphthalate	12.06	149	944177	46.23	ng	98
74) Fluoranthene	12.72	202	745292	42.79	ng	99
76) Benzidine	12.84	184	258985	41.81	ng	# 93
77) Pyrene	12.95	202	738931	47.17	ng	99
79) Butylbenzylphthalate	13.56	149	323335	45.49	ng	99
80) Benzo(a)anthracene	14.14	228	634975	50.96	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	74037	18.84	ng	99
82) Chrysene	14.17	228	582509	50.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459481	49.12	ng	# 99
84) Di-n-octyl phthalate	14.72	149	809577	56.83	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.09	276	578218	64.37	ng	97
87) Benzo(b)fluoranthene	15.18	252	684083	52.33	ng	98
88) Benzo(k)fluoranthene	15.18	252	684083	64.88	ng	# 97
89) Benzo(a)pyrene	15.56	252	567833	52.42	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	494812	53.51	ng	97
91) Benzo(g,h,i)perylene	17.55	276	462857	49.78	ng	95

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

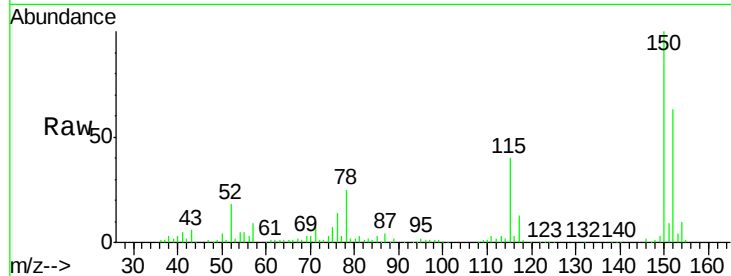


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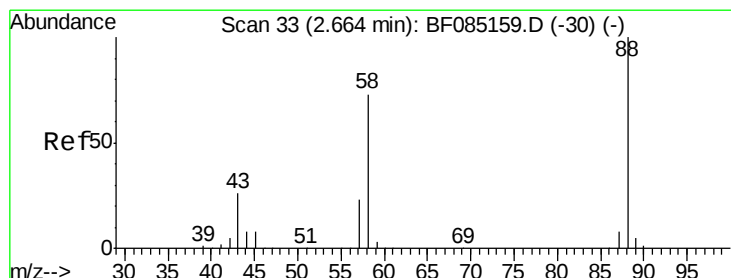
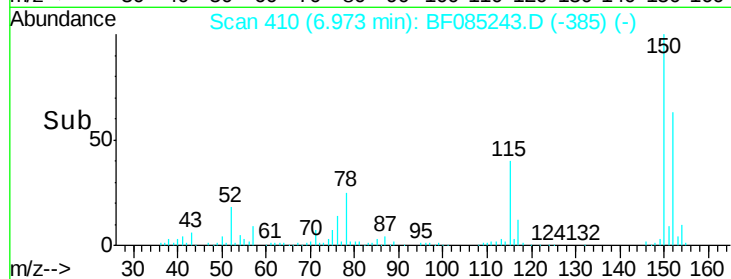
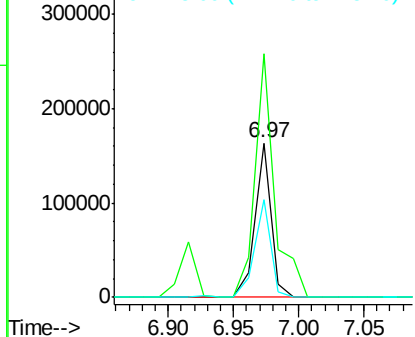
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 152 Resp: 140108
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 63.3 46.6 70.0



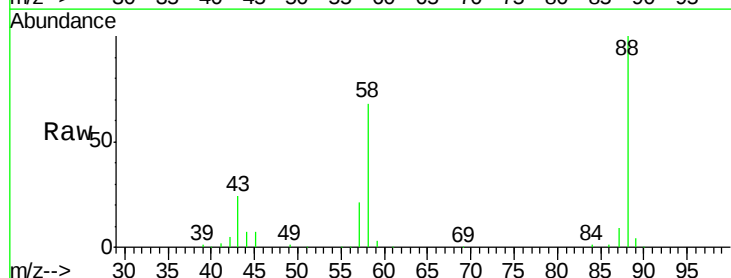
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



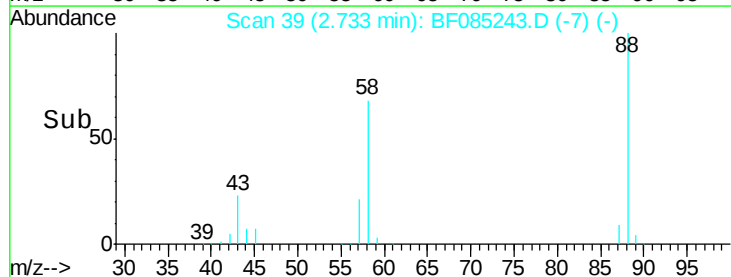
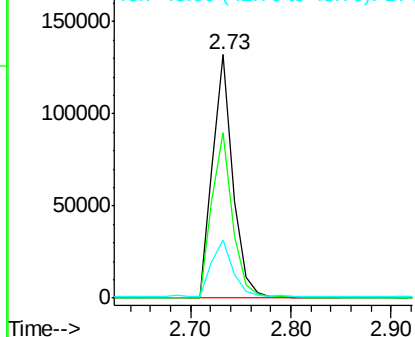
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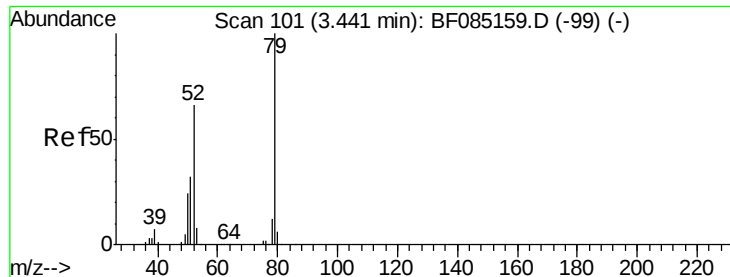
1,4-Dioxane
Concen: 43.59 ng
RT: 2.73 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion: 88 Resp: 186193
Ion Ratio Lower Upper
88 100
58 69.9 57.0 85.6
43 24.8 20.5 30.7



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: 46.56 ng

RT: 3.50 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

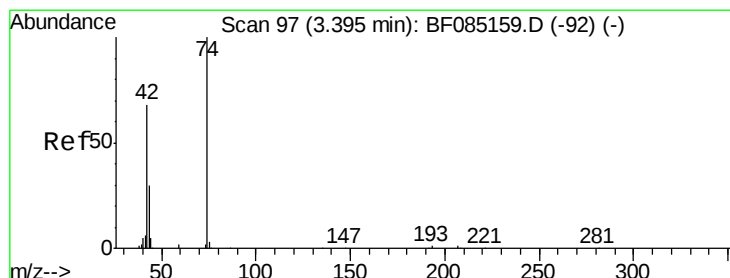
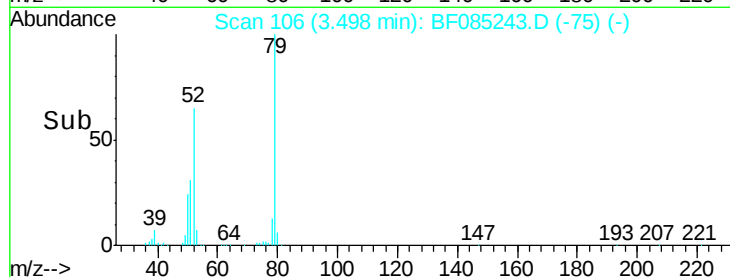
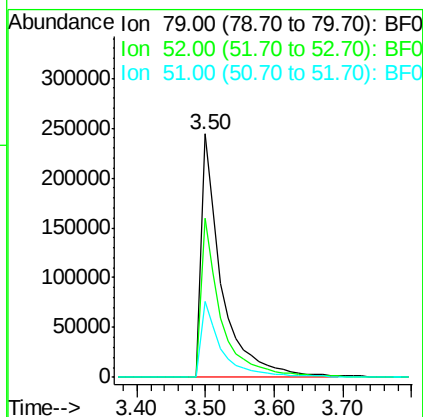
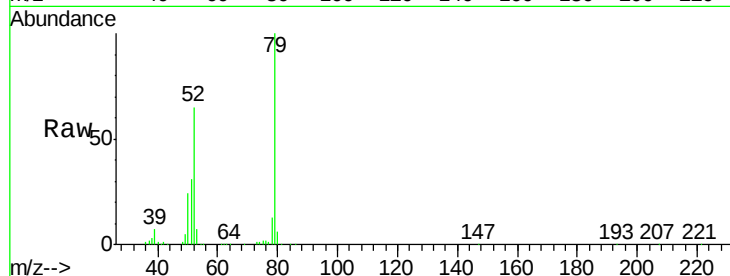
Tgt Ion: 79 Resp: 497727

Ion Ratio Lower Upper

79 100

52 65.2 52.6 79.0

51 31.4 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 51.73 ng

RT: 3.45 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

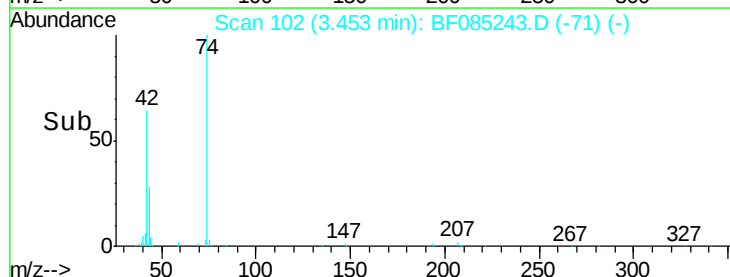
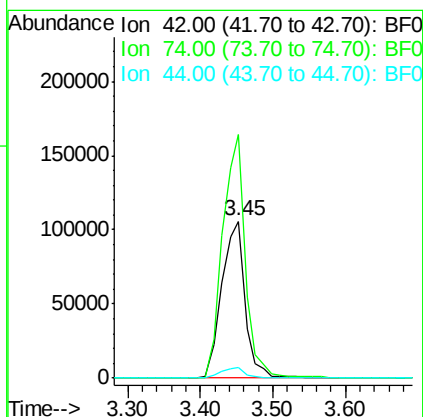
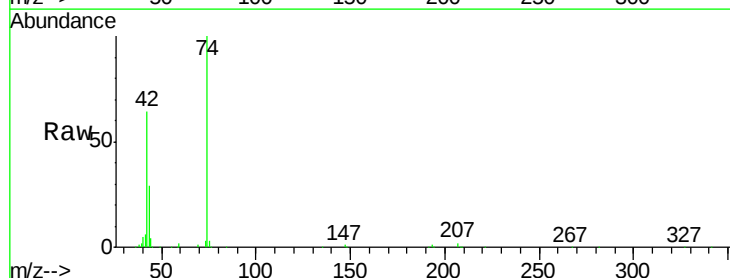
Tgt Ion: 42 Resp: 236672

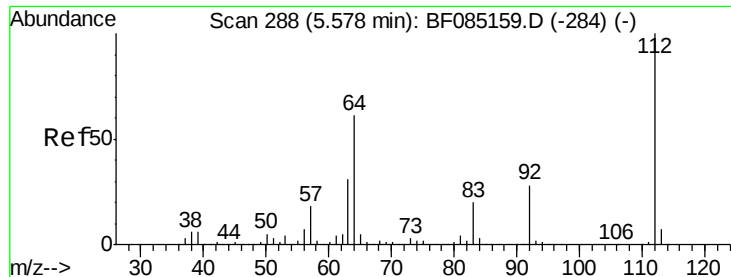
Ion Ratio Lower Upper

42 100

74 155.1 116.8 175.2

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 142.74 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampled :

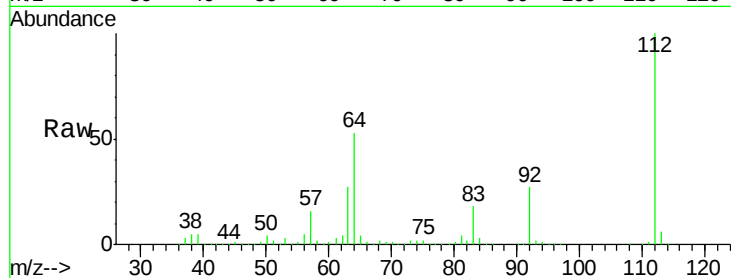
Tgt Ion: 112 Resp: 1192245

Ion Ratio Lower Upper

112 100

64 53.3 49.0 73.4

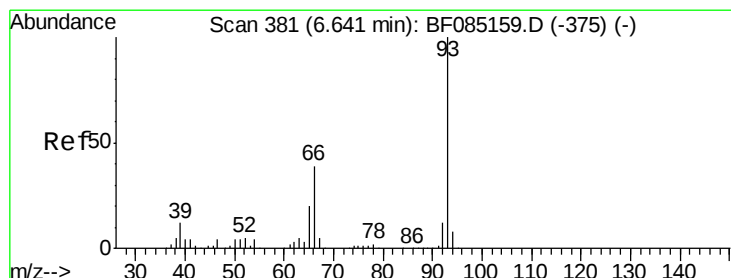
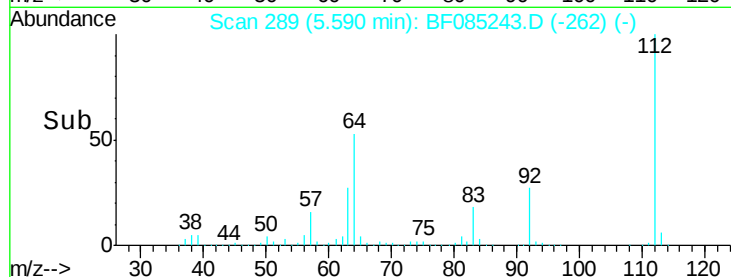
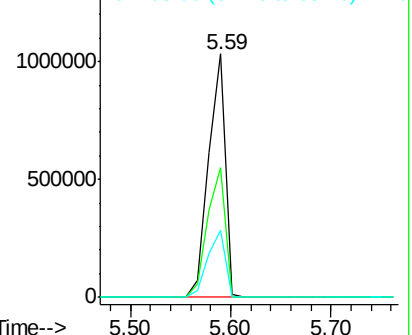
63 27.3 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.83 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

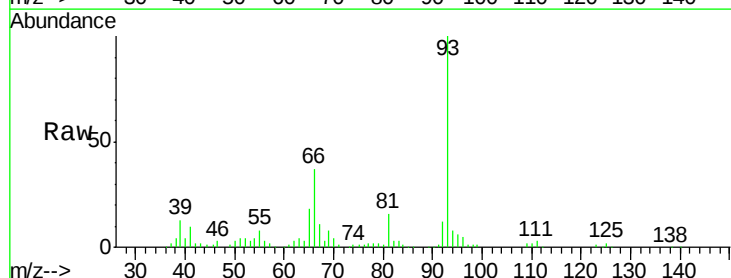
Tgt Ion: 93 Resp: 273457

Ion Ratio Lower Upper

93 100

66 36.9 31.6 47.4

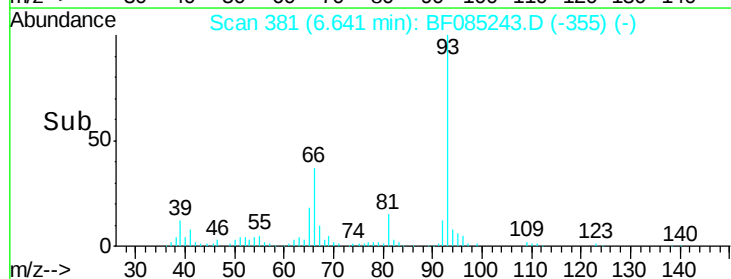
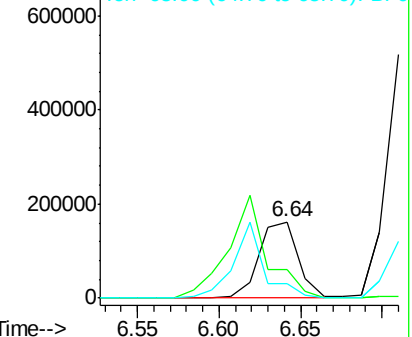
65 18.4 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.93 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

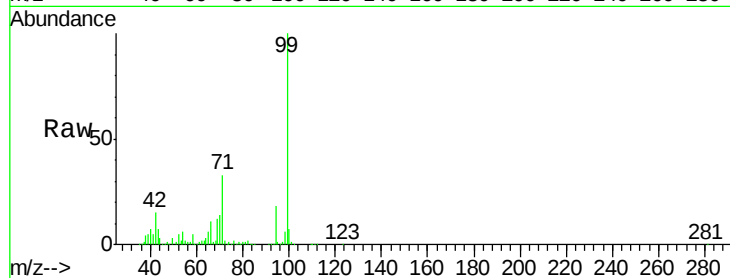
Tgt Ion: 99 Resp: 1476608

Ion Ratio Lower Upper

99 100

42 14.6 13.6 20.4

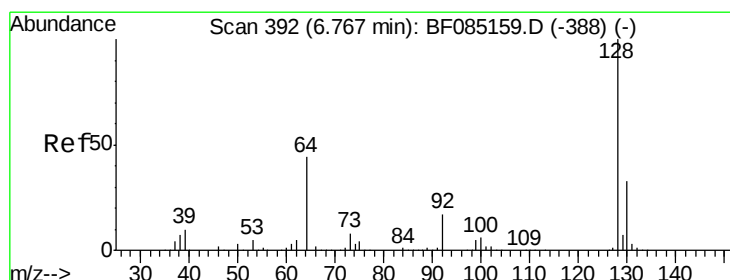
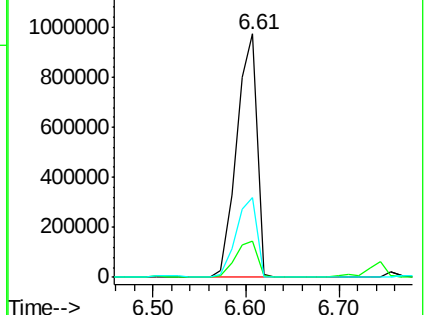
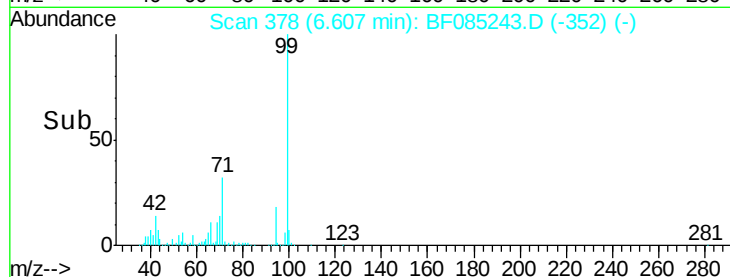
71 32.5 26.7 40.1



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: 41.41 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

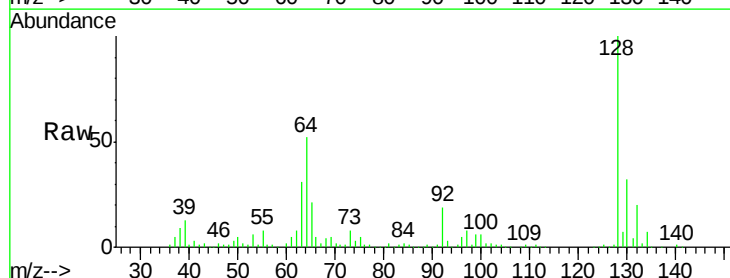
Tgt Ion: 128 Resp: 416379

Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

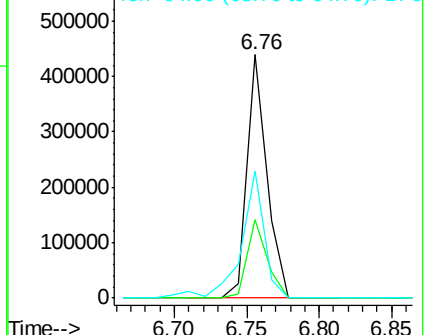
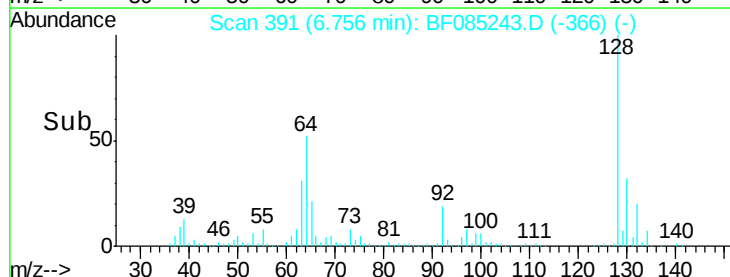
64 52.1 25.7 65.7

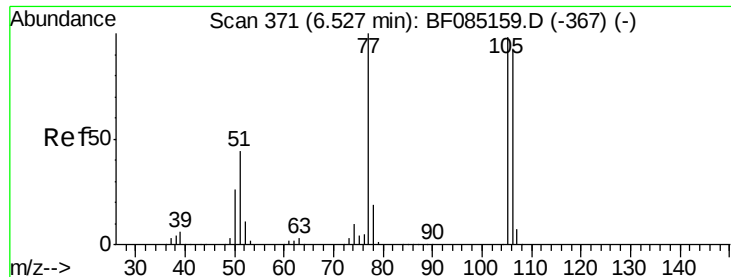


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.51 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

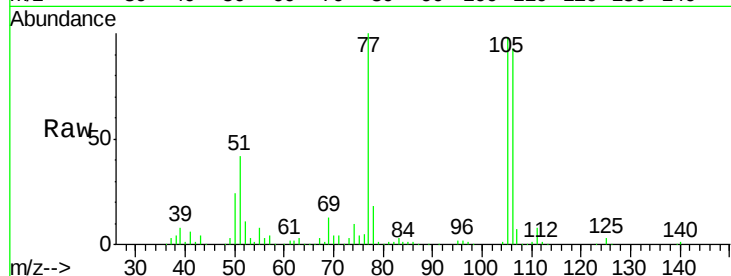
Tgt Ion: 77 Resp: 154250

Ion Ratio Lower Upper

77 100

105 98.2 78.2 118.2

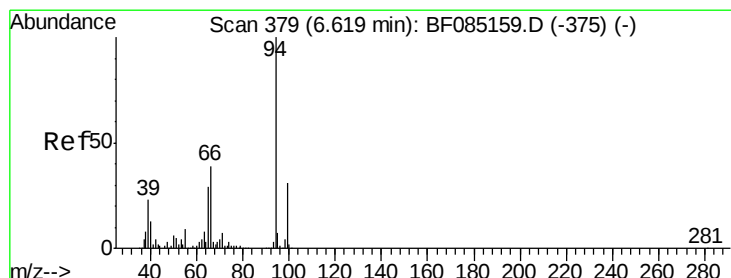
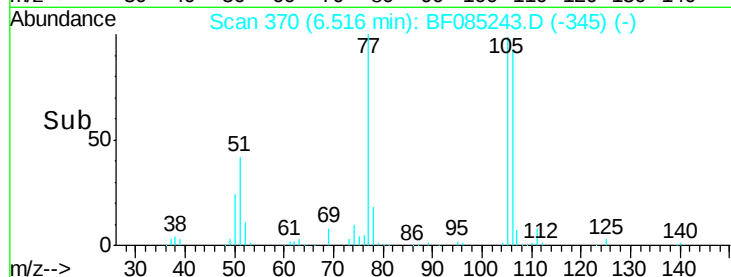
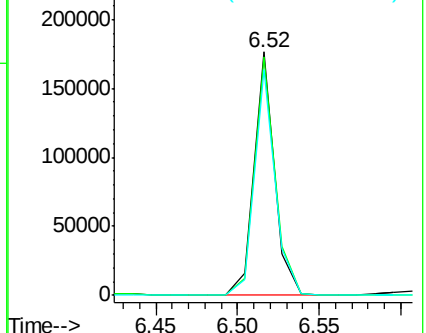
106 92.7 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.35 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

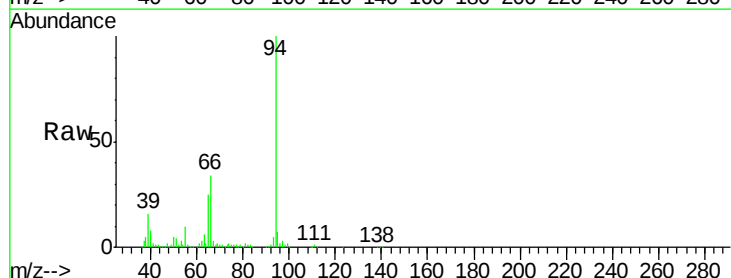
Tgt Ion: 94 Resp: 613612

Ion Ratio Lower Upper

94 100

65 25.0 9.1 49.1

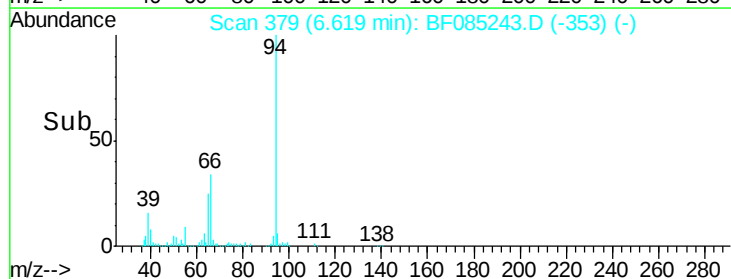
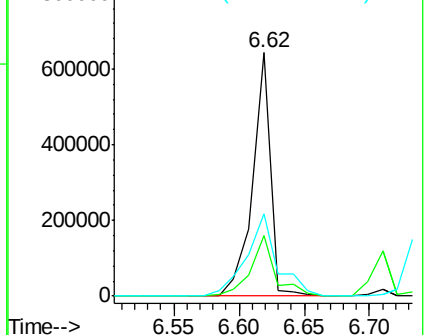
66 33.8 19.3 59.3

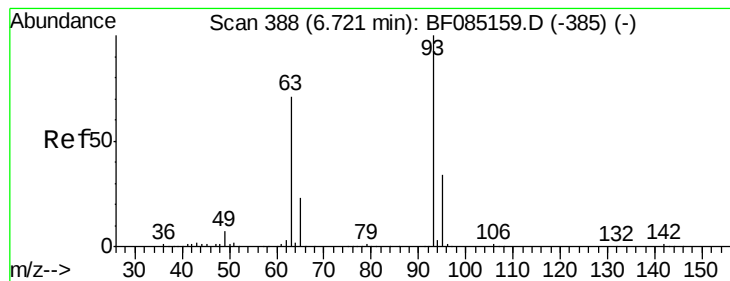


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

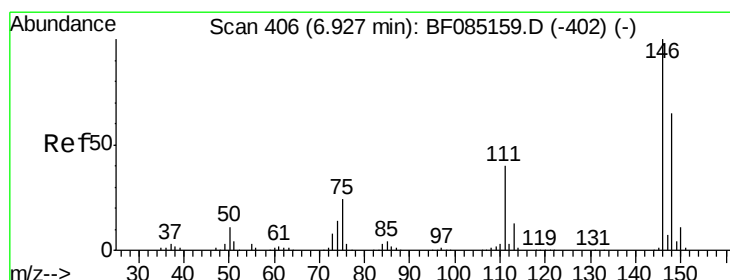
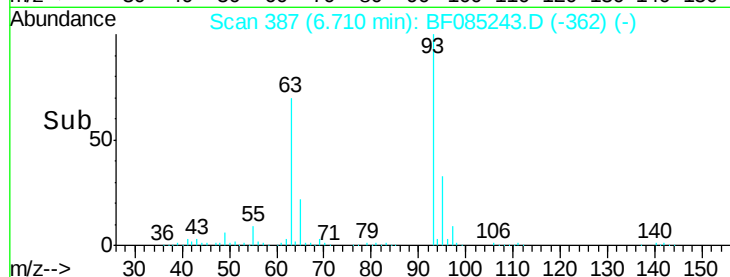
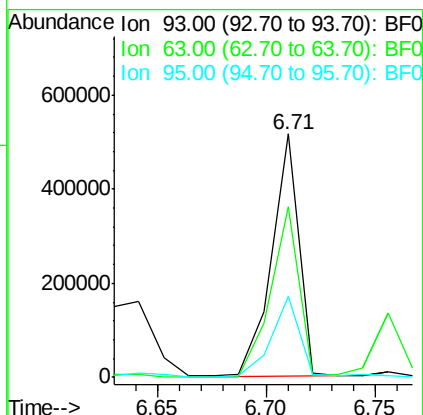
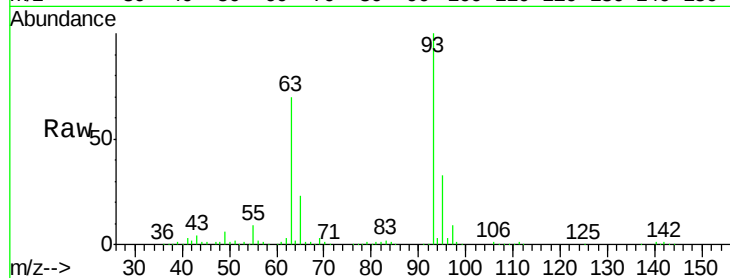




#11
bis(2-Chloroethyl)ether
Concen: 46.91 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

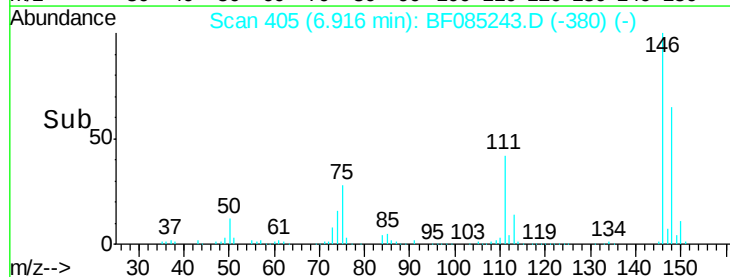
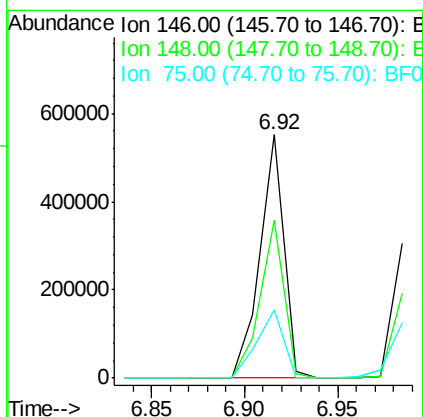
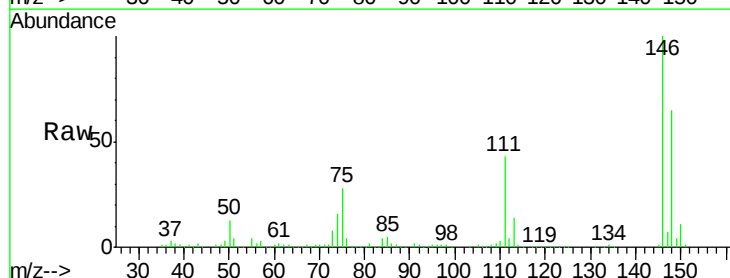
Instrument :
BNA_F
ClientSampleId :

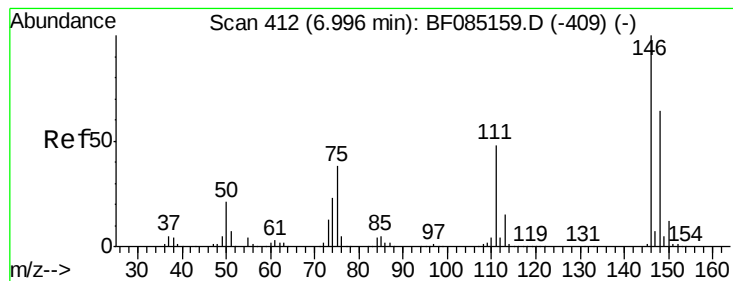
Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.9	90.9
95	33.3	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 45.19 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	28.1	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 45.09 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.08 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampled :

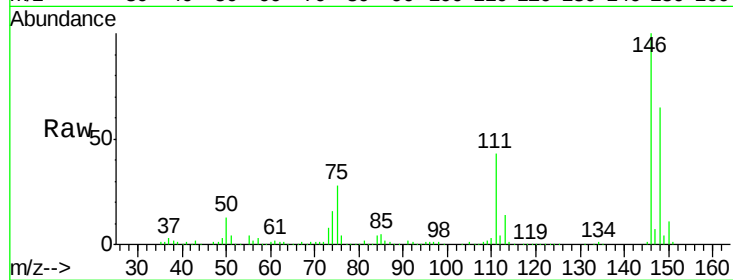
Tgt Ion:146 Resp: 487889

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

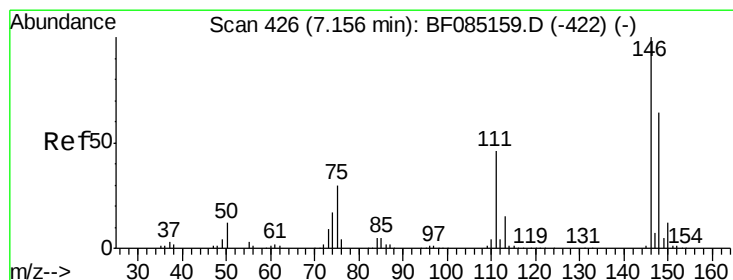
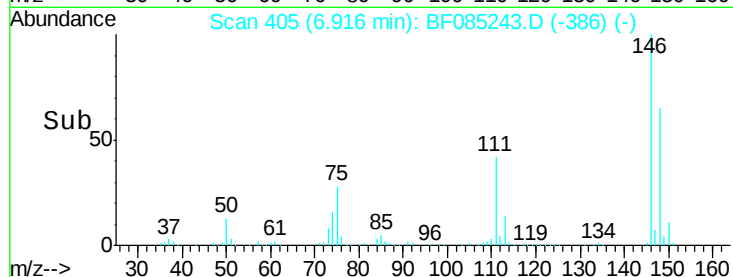
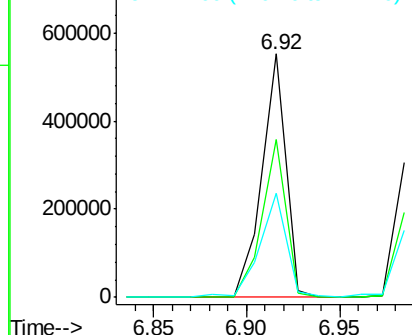
111 43.0 38.4 57.6



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: 46.22 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

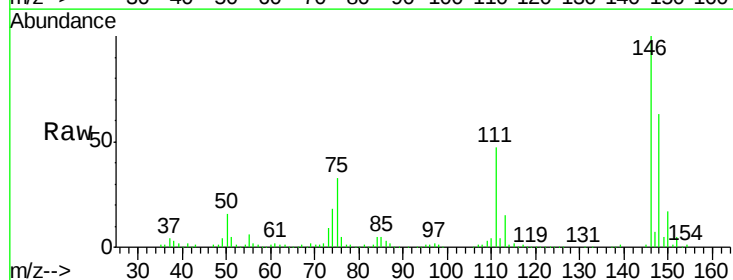
Tgt Ion:146 Resp: 453760

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

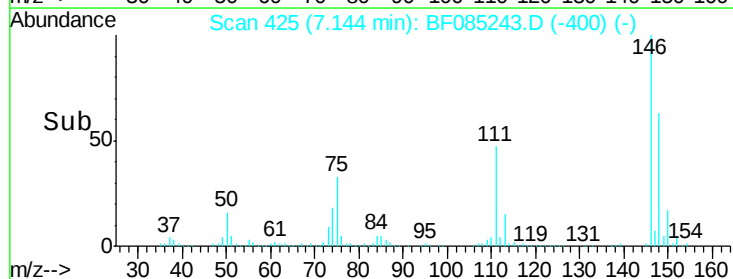
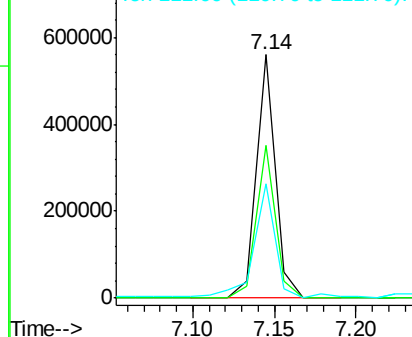
111 47.2 36.7 55.1

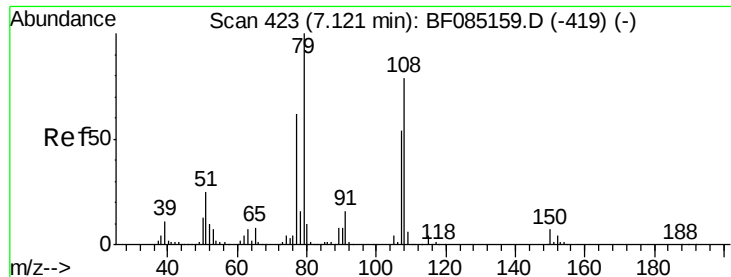


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.43 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

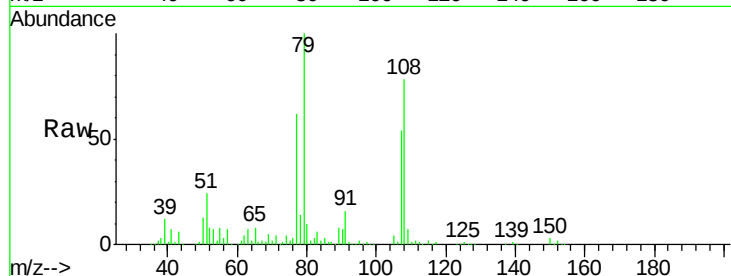
Tgt Ion: 79 Resp: 364982

Ion Ratio Lower Upper

79 100

108 78.0 62.9 94.3

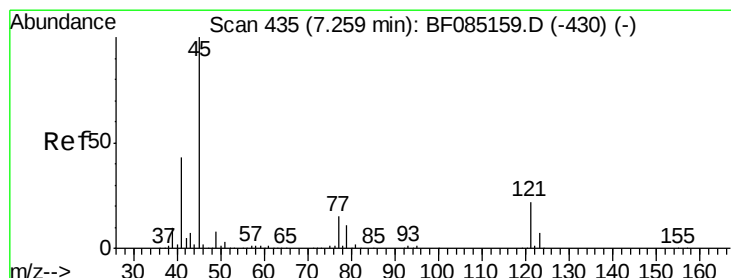
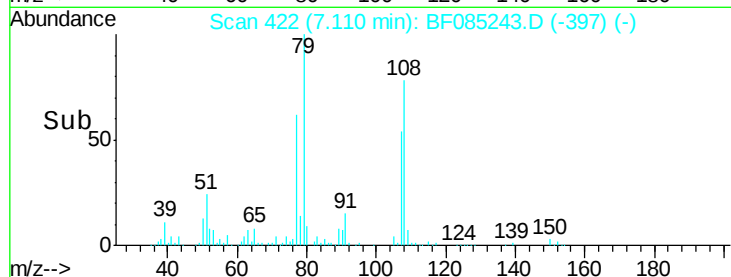
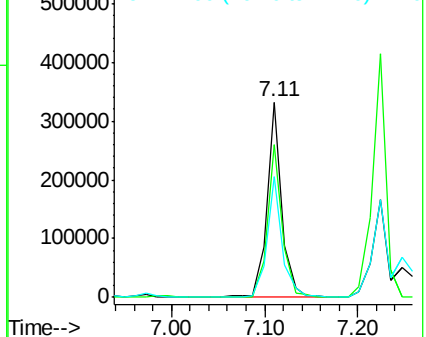
77 61.6 49.5 74.3



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: 38.85 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

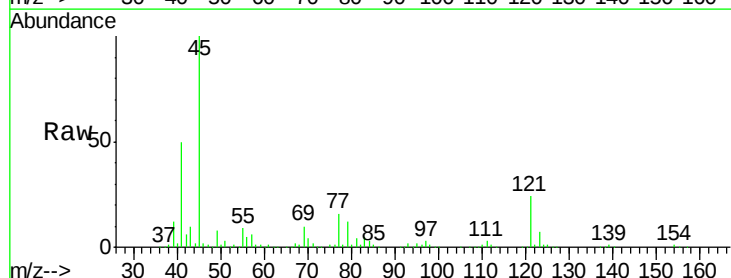
Tgt Ion: 45 Resp: 545079

Ion Ratio Lower Upper

45 100

77 16.4 0.0 35.1

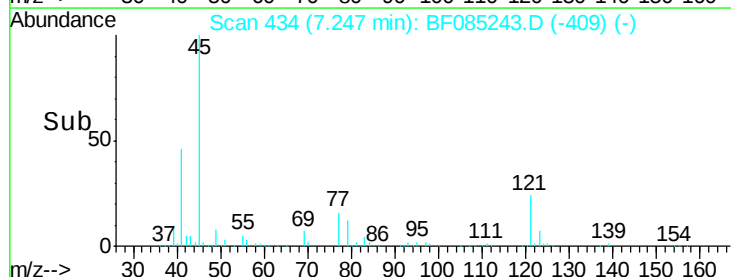
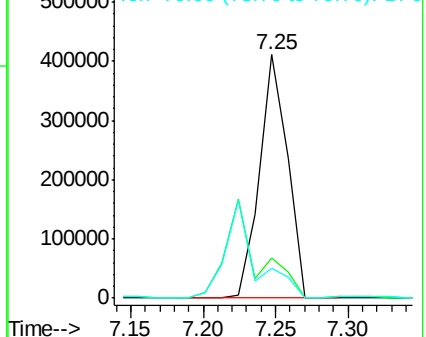
79 12.3 0.0 31.3

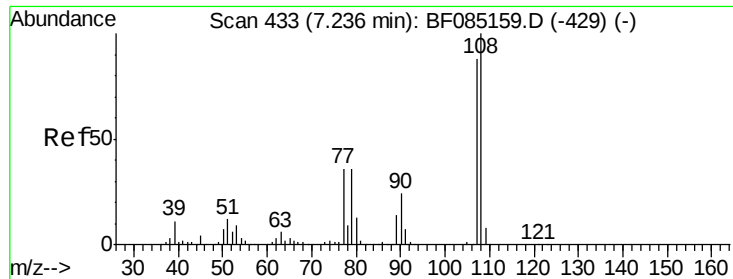


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

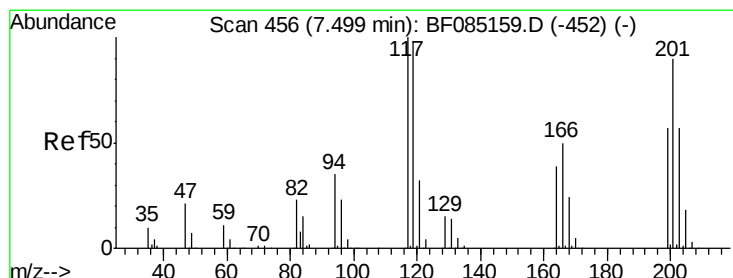
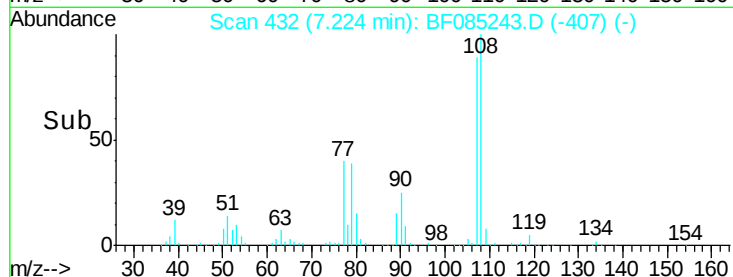
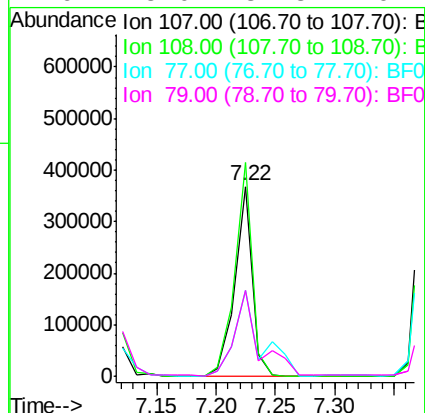
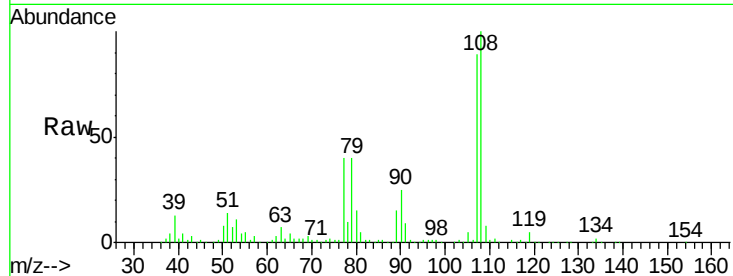




#17
2-Methylphenol
Concen: 45.63 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

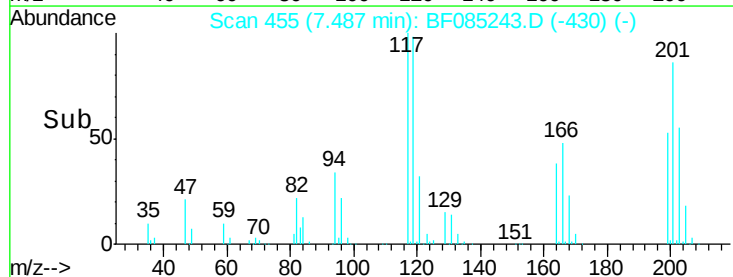
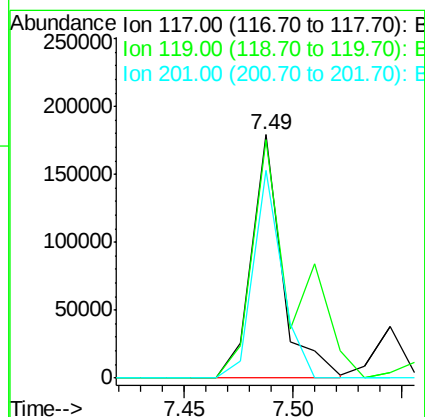
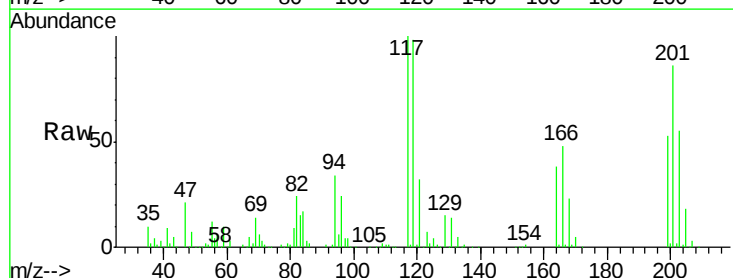
Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	45.2	32.6	48.8
79	45.0	32.8	49.2



#18
Hexachloroethane
Concen: 43.59 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.2	117.4
201	85.5	72.0	108.0

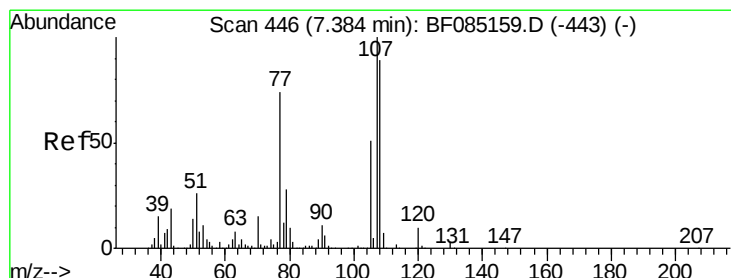
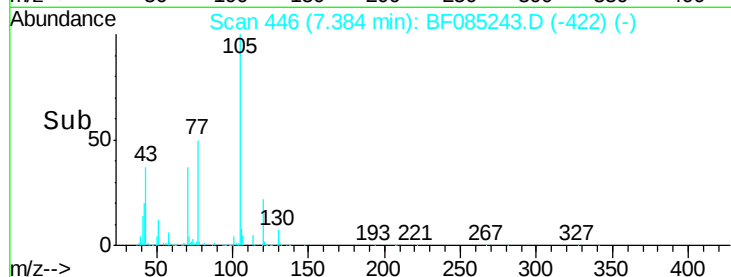
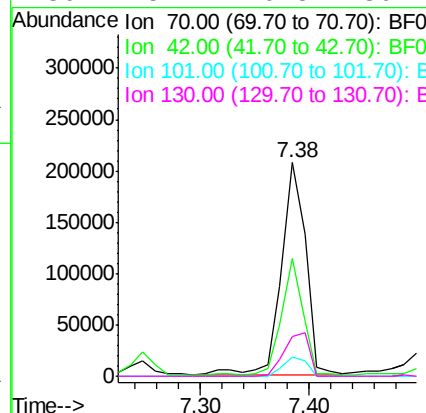
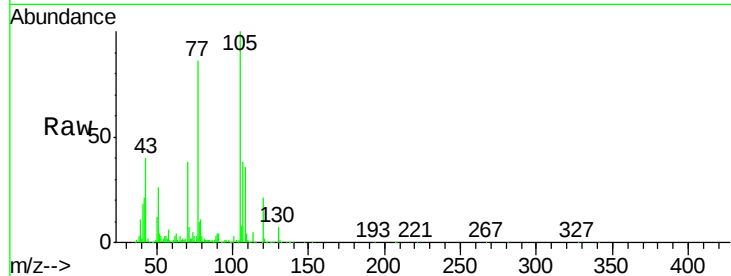




#19
n-Nitroso-di-n-propylamine
Concen: 45.02 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

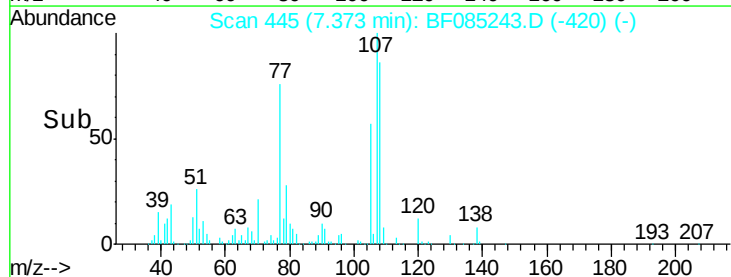
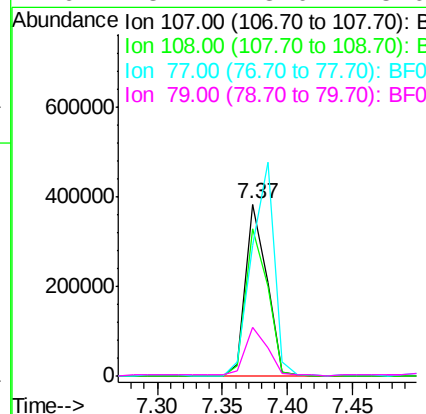
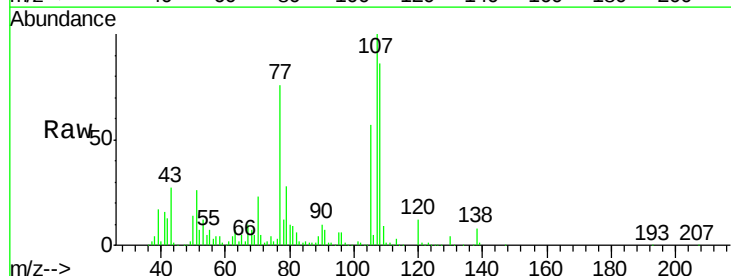
Instrument :
BNA_F
ClientSampleId :

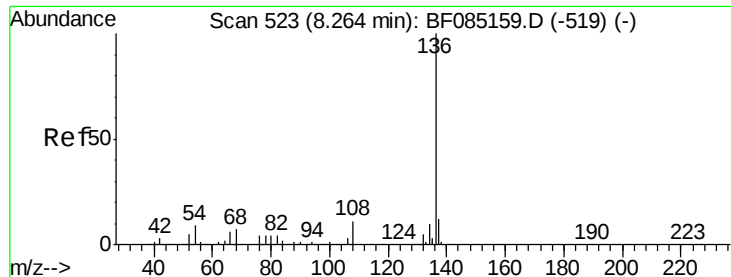
Tgt Ion: 70 Resp: 321074
Ion Ratio Lower Upper
70 100
42 55.3 37.7 56.5
101 9.2 8.2 12.4
130 18.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 44.19 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion: 107 Resp: 429464
Ion Ratio Lower Upper
107 100
108 85.9 68.8 108.8
77 76.0 53.6 93.6
79 28.2 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 507122

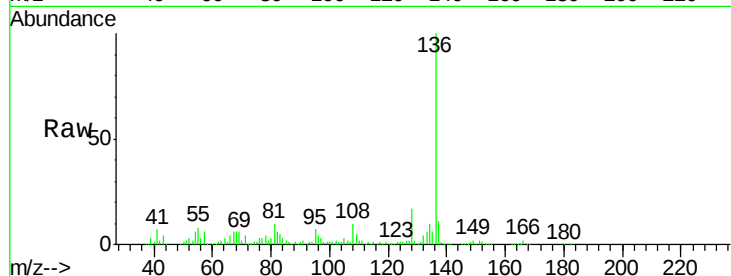
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.3 7.4 11.2#

68 6.2 6.0 9.0

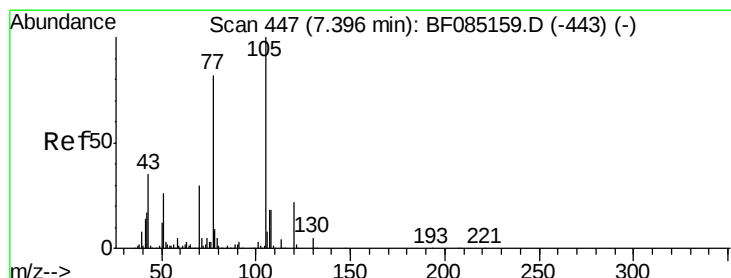
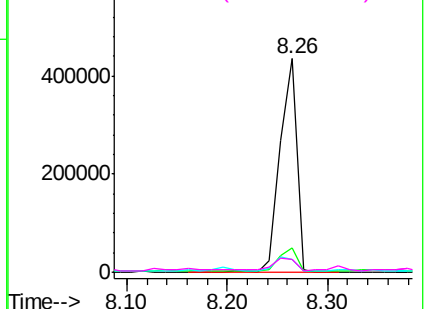
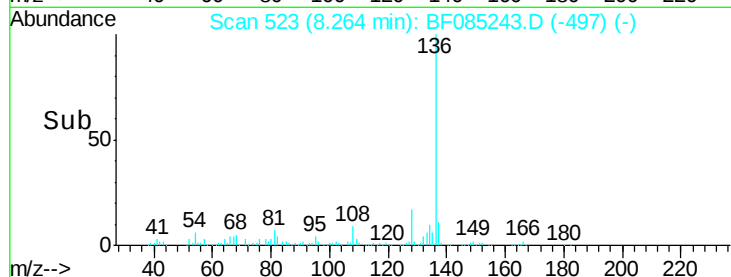


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 46.89 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:105 Resp: 580380

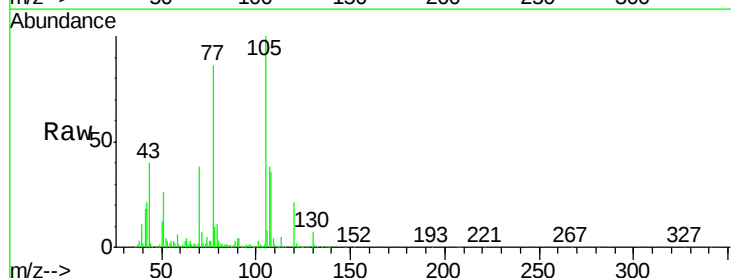
Ion Ratio Lower Upper

105 100

71 6.9 4.1 6.1#

51 26.2 21.1 31.7

120 21.3 17.3 25.9

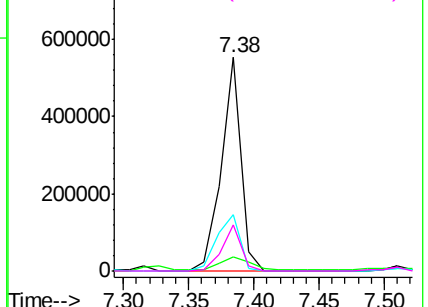
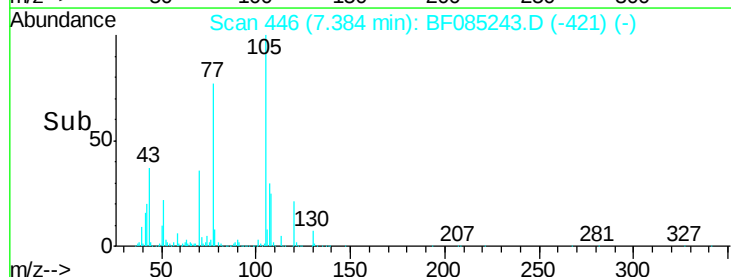


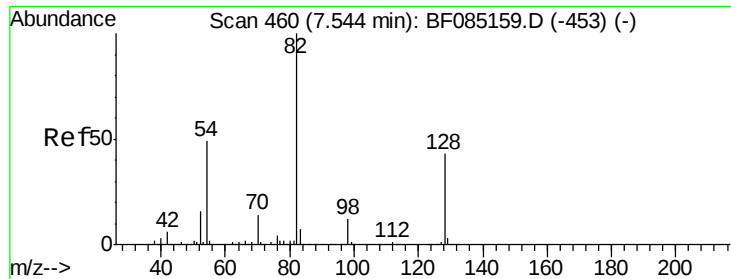
Abundance Ion 105.00 (104.70 to 105.70): E

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

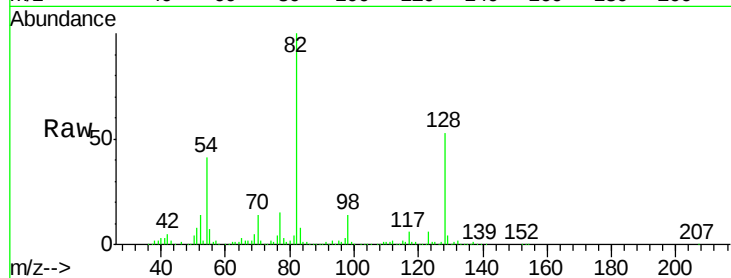




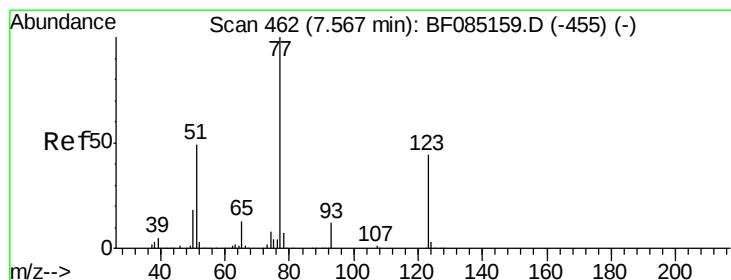
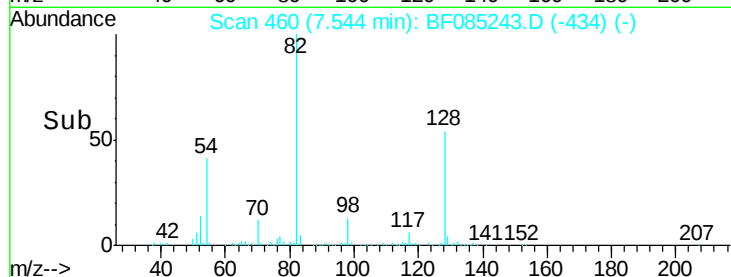
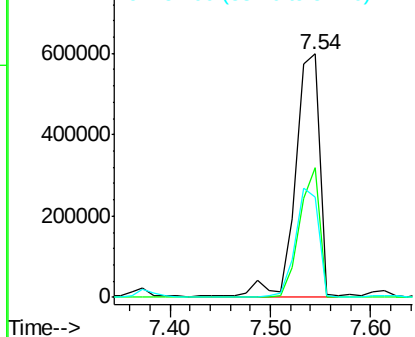
#23
 Nitrobenzene-d5
 Concen: 104.37 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 989136
 Ion Ratio Lower Upper
 82 100
 128 53.3 34.5 51.7#
 54 41.2 39.3 58.9

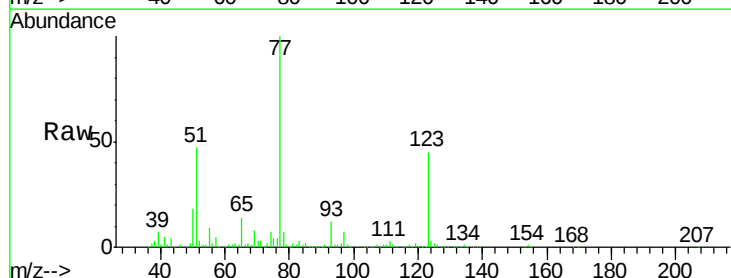


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

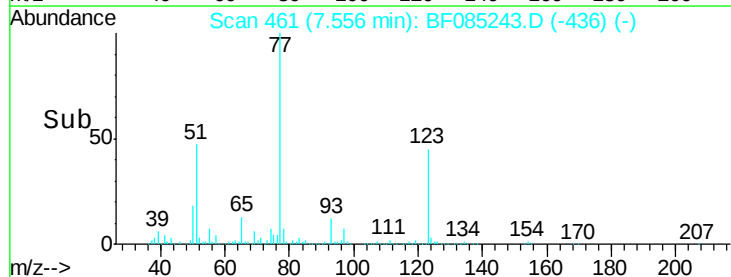
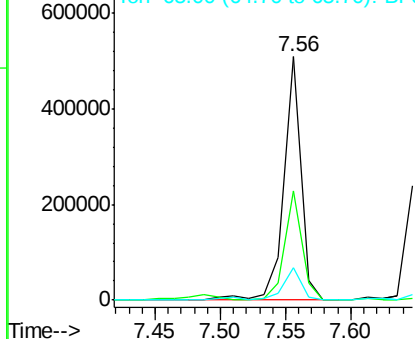


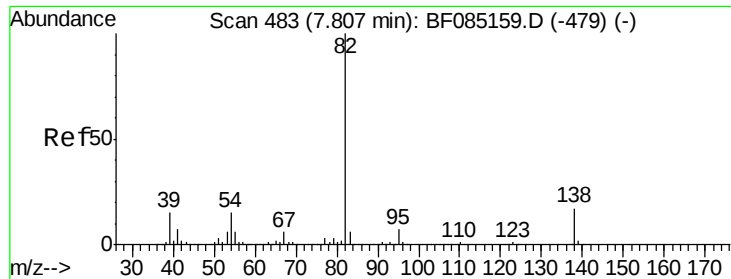
#24
 Nitrobenzene
 Concen: 47.14 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion: 77 Resp: 453864
 Ion Ratio Lower Upper
 77 100
 123 45.0 35.4 53.2
 65 13.5 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

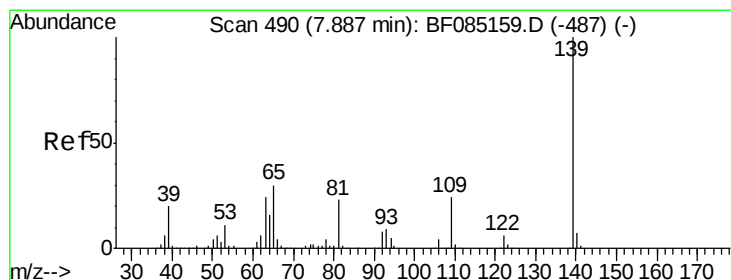
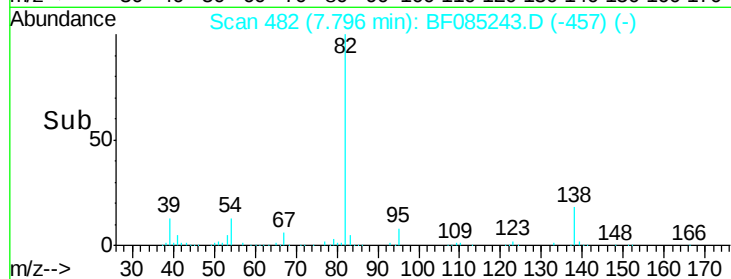
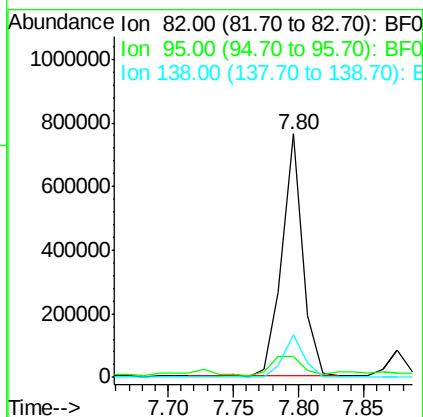
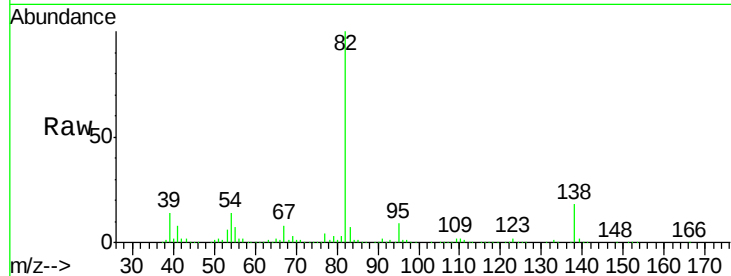




#25
Isophorone
Concen: 49.10 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

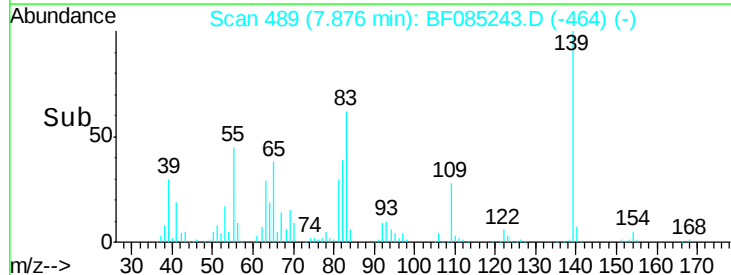
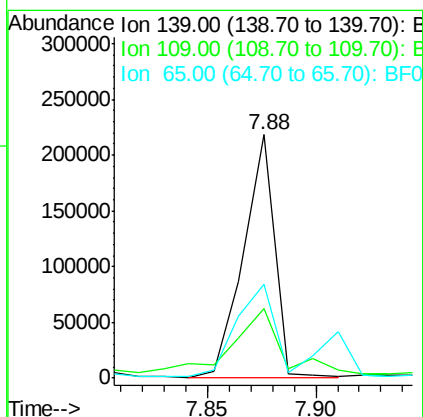
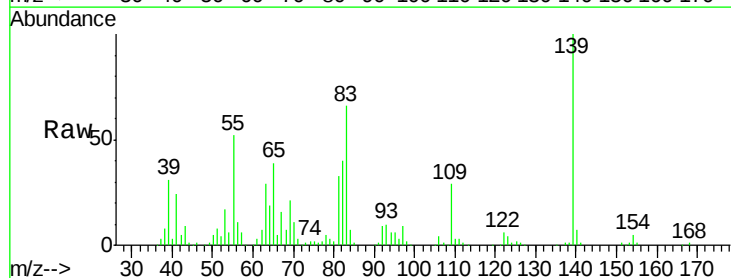
Instrument :
BNA_F
ClientSampleId :

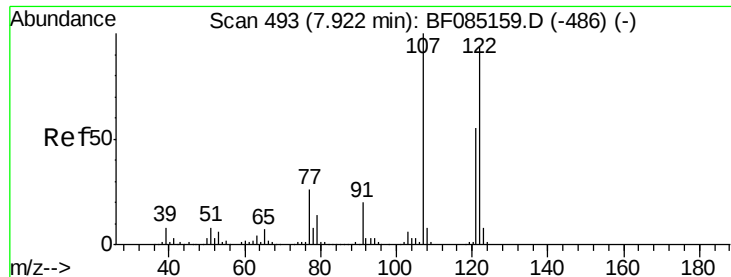
Tgt Ion: 82 Resp: 862376
Ion Ratio Lower Upper
82 100
95 8.7 5.4 8.2#
138 17.6 13.3 19.9



#26
2-Nitrophenol
Concen: 45.96 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion: 139 Resp: 215306
Ion Ratio Lower Upper
139 100
109 28.6 19.1 28.7
65 38.5 23.9 35.9#

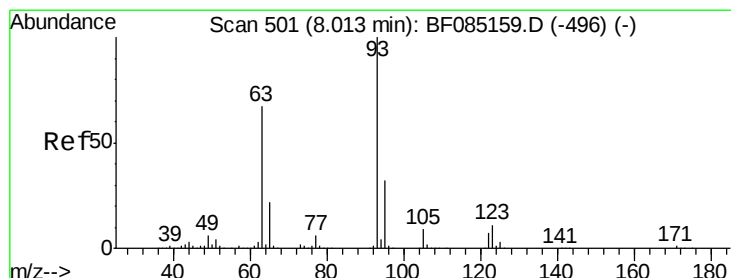
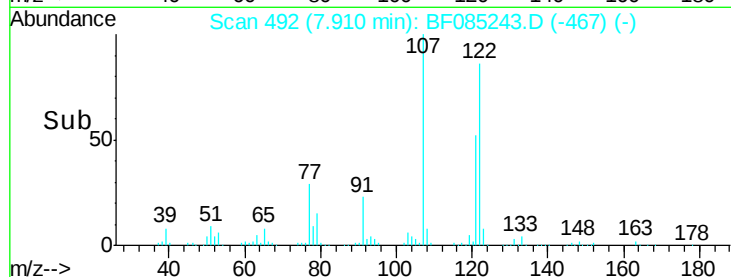
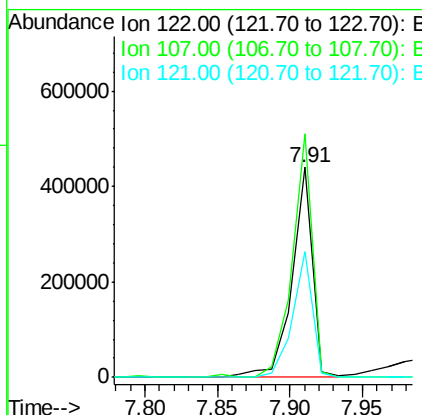
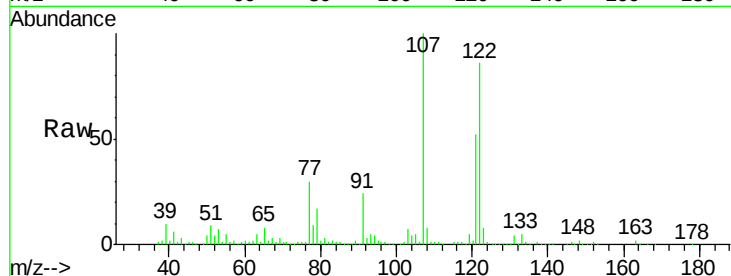




#27
 2,4-Dimethylphenol
 Concen: 50.37 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

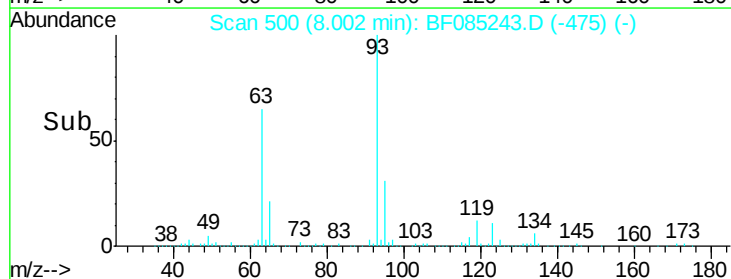
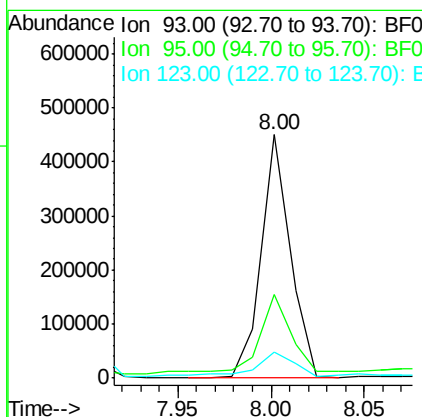
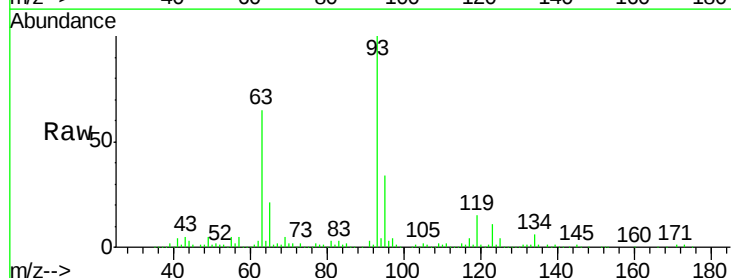
Instrument :
 BNA_F
 ClientSampleId :

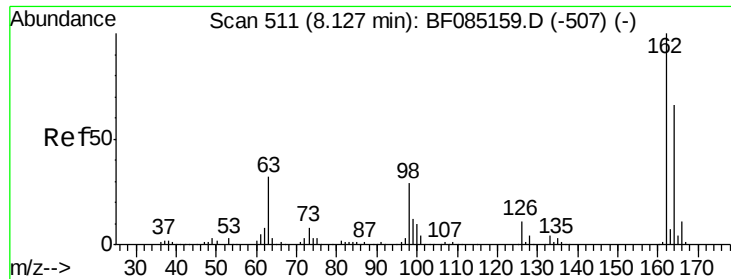
Tgt Ion:122 Resp: 431264
 Ion Ratio Lower Upper
 122 100
 107 116.1 84.8 127.2
 121 59.8 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.22 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion: 93 Resp: 481420
 Ion Ratio Lower Upper
 93 100
 95 34.1 25.9 38.9
 123 10.9 8.8 13.2

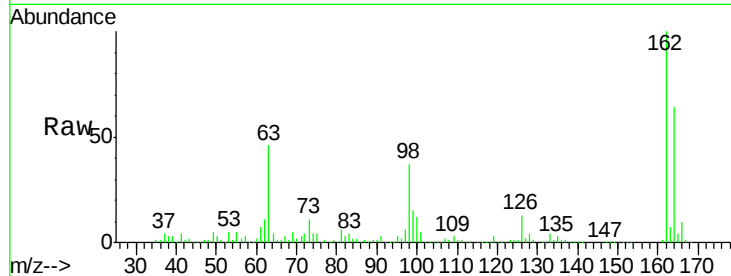




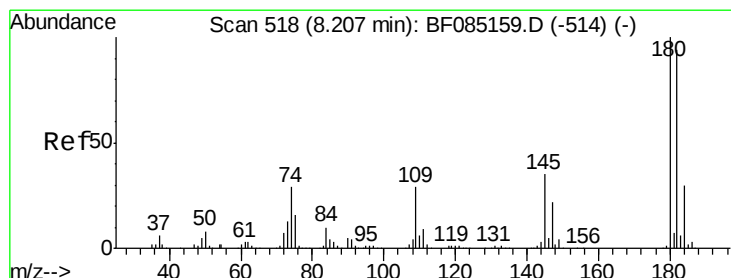
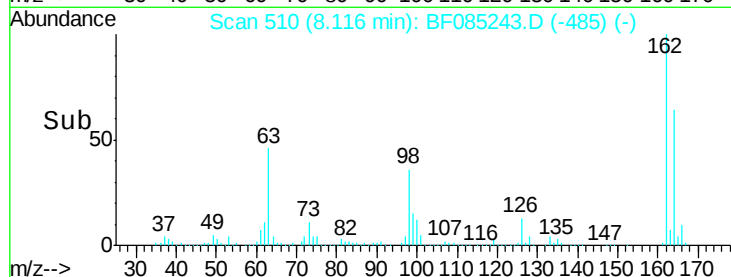
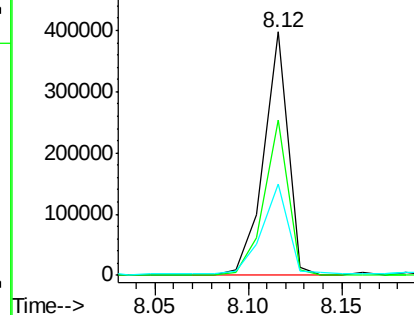
#29
2,4-Dichlorophenol
Concen: 51.91 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 358432
Ion Ratio Lower Upper
162 100
164 63.8 45.7 85.7
98 37.4 9.4 49.4

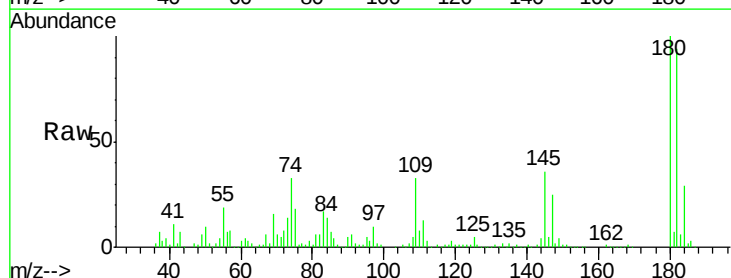


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

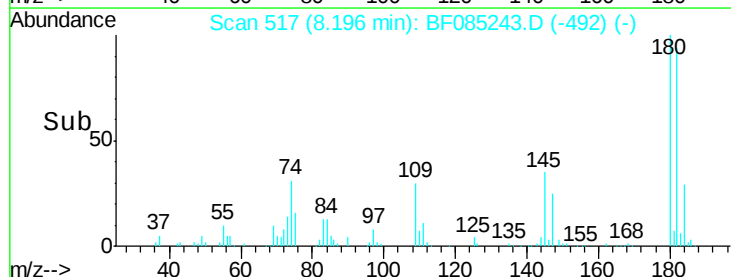
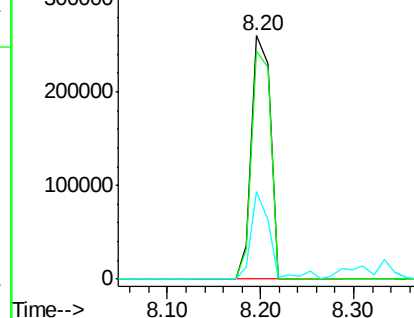


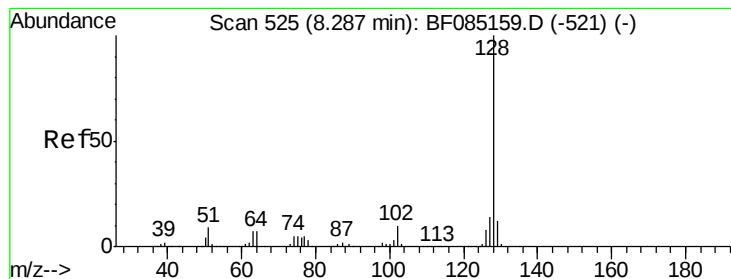
#30
1,2,4-Trichlorobenzene
Concen: 48.57 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion:180 Resp: 362626
Ion Ratio Lower Upper
180 100
182 93.7 74.9 112.3
145 35.8 27.9 41.9



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: 49.04 ng

RT: 8.29 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

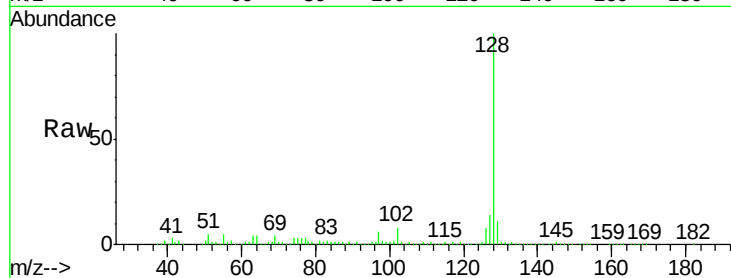
Tgt Ion:128 Resp: 1222915

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

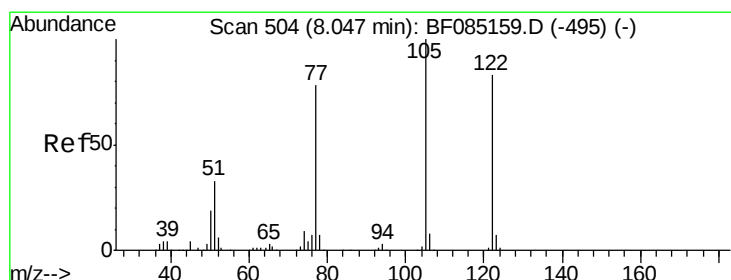
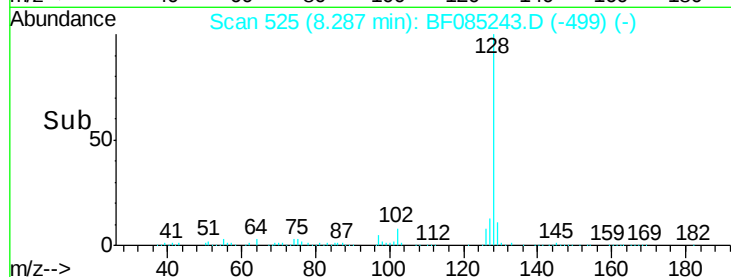
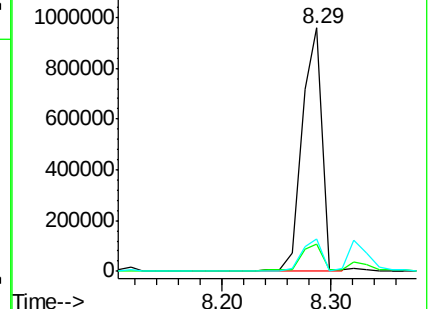
127 13.5 11.2 16.8



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: 16.07 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

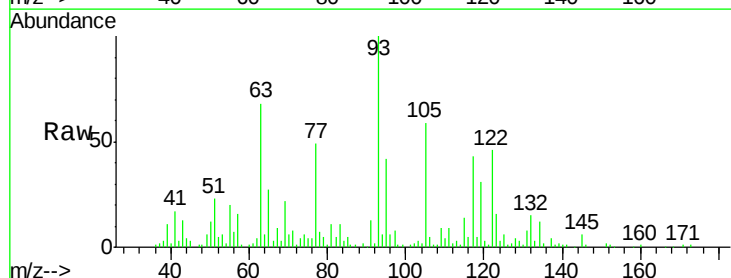
Tgt Ion:122 Resp: 91396

Ion Ratio Lower Upper

122 100

105 130.4 101.3 141.3

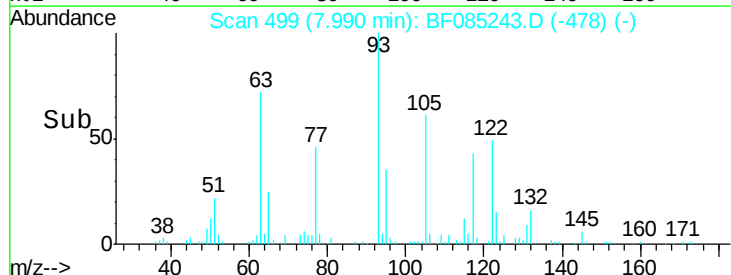
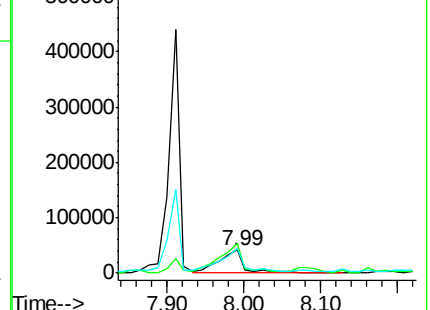
77 107.0 74.7 114.7

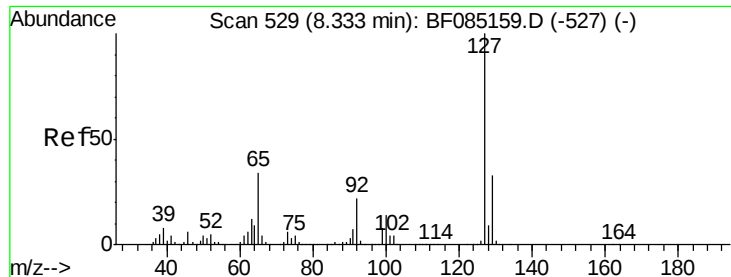


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

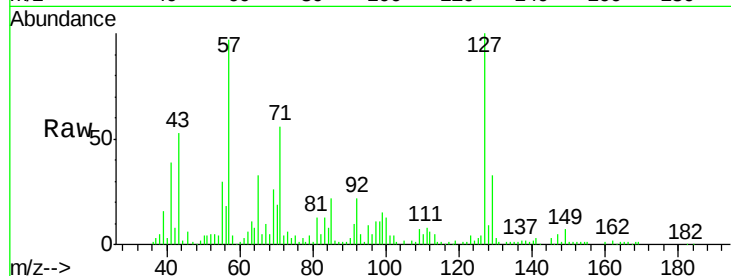




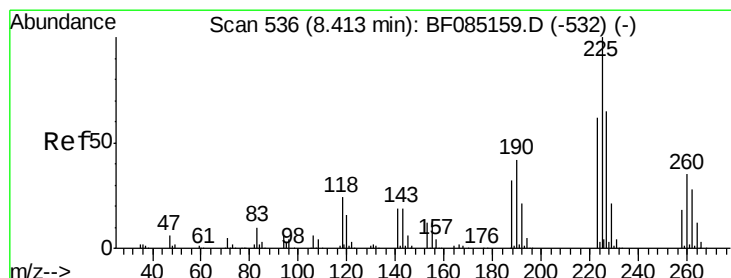
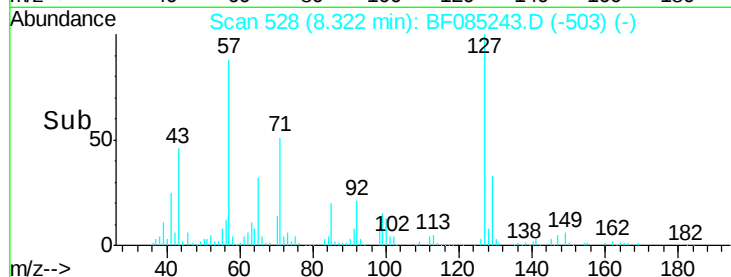
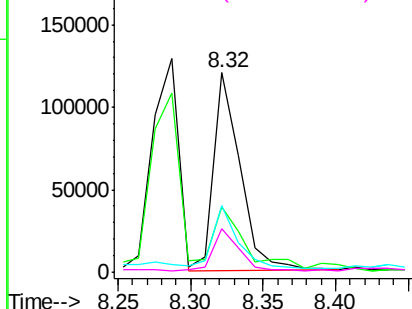
#33
4-Chloroaniline
Concen: 15.09 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	152226
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	33.3	27.0	40.6
92	21.7	17.4	26.0

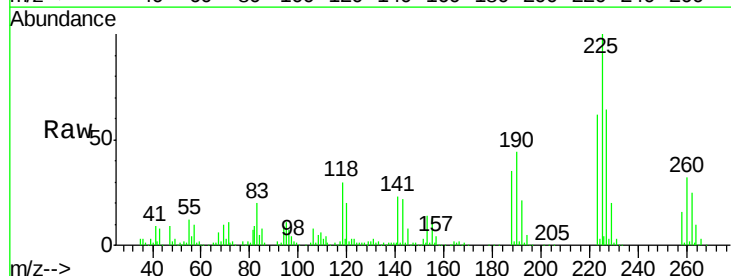


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

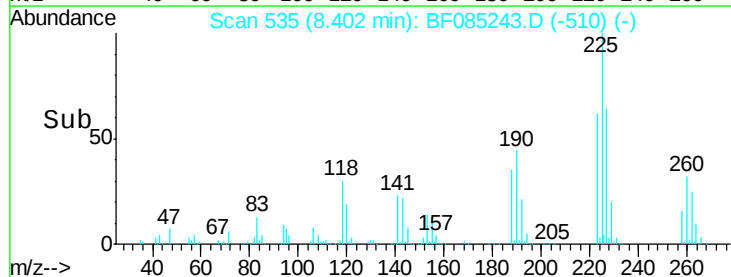
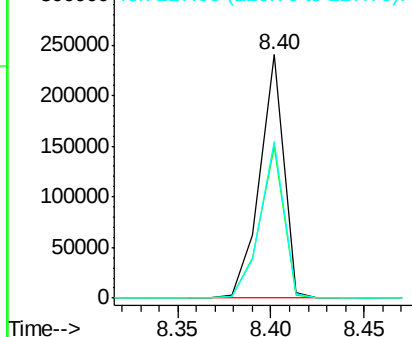


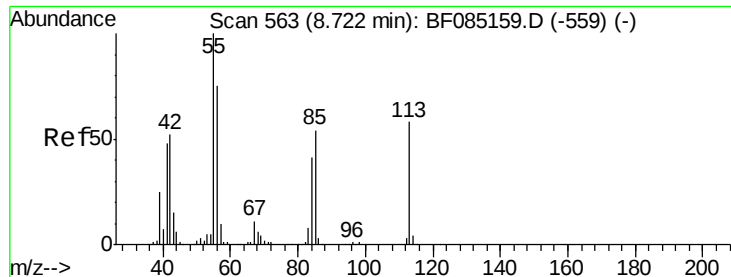
#34
Hexachlorobutadiene
Concen: 54.90 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion:	225	Resp:	213269
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	64.1	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

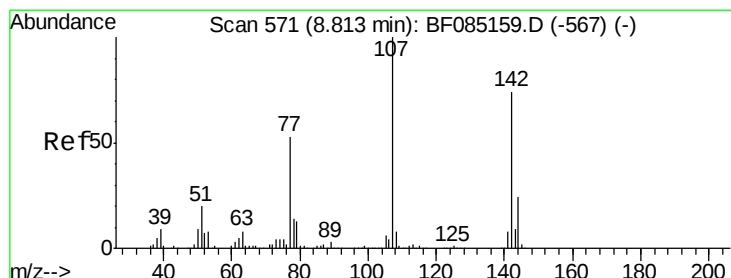
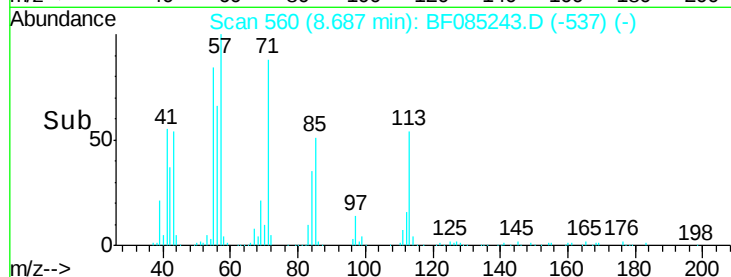
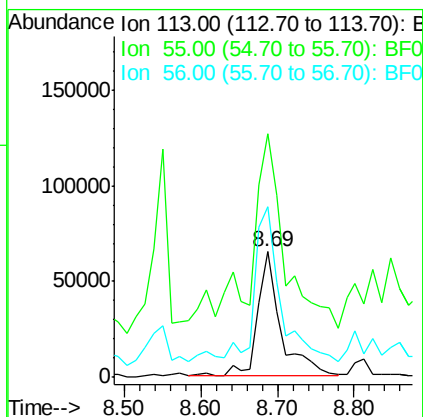
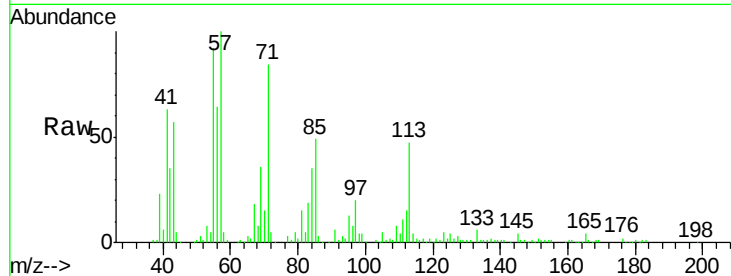




#35
 Caprolactam
 Concen: 58.86 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

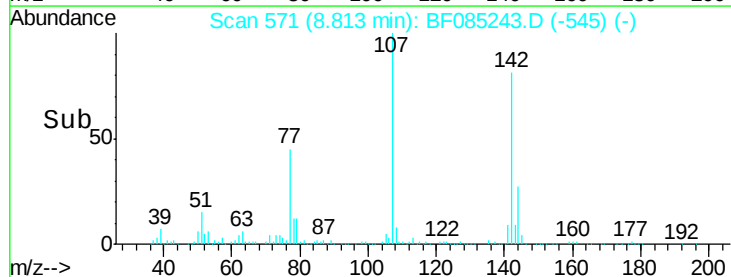
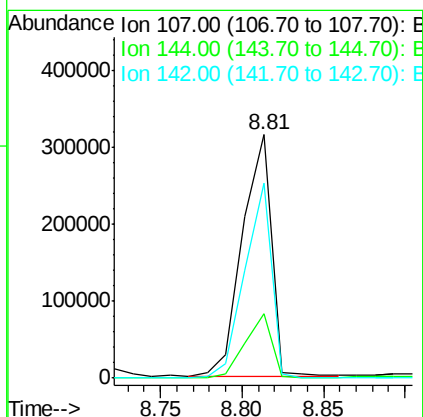
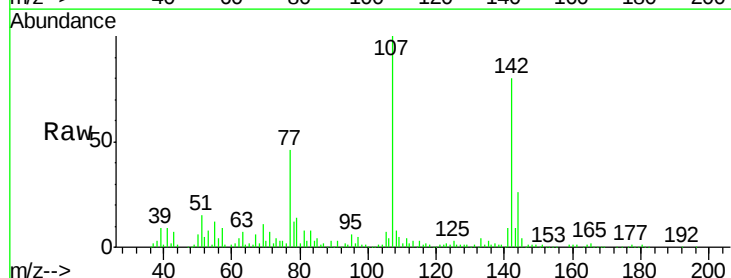
Instrument :
 BNA_F
 ClientSampleId :

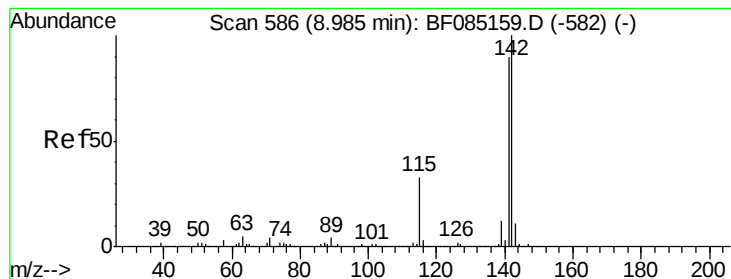
Tgt Ion:113 Resp: 132739
 Ion Ratio Lower Upper
 113 100
 55 193.9 152.7 192.7#
 56 136.2 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.08 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:107 Resp: 384468
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.4 29.2
 142 80.1 59.4 89.2

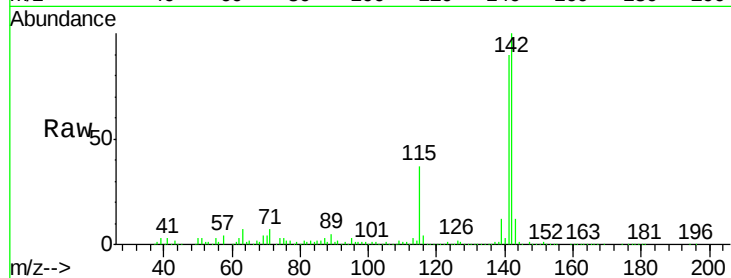




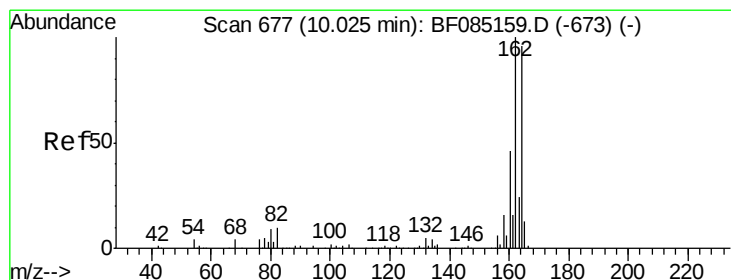
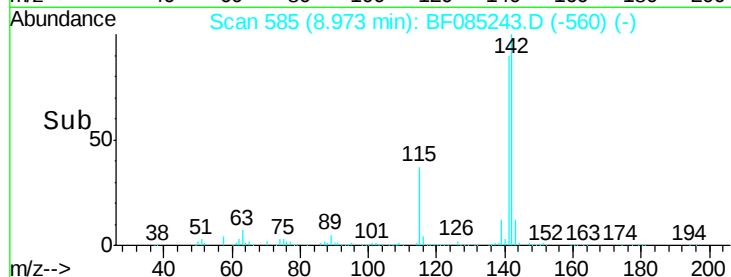
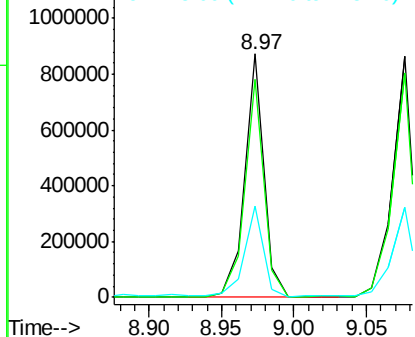
#37
2-Methylnaphthalene
Concen: 49.92 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 798852
Ion Ratio Lower Upper
142 100
141 89.7 71.7 107.5
115 37.4 26.2 39.4

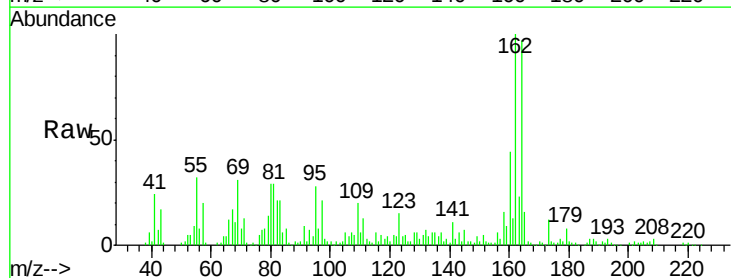


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

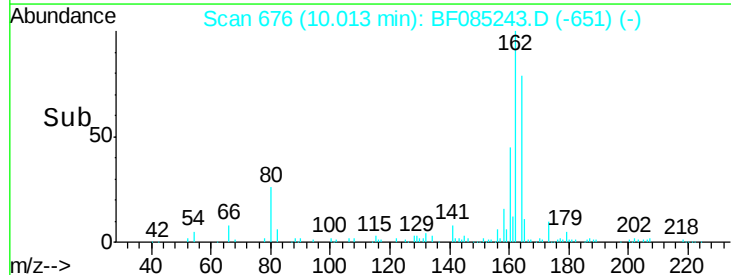
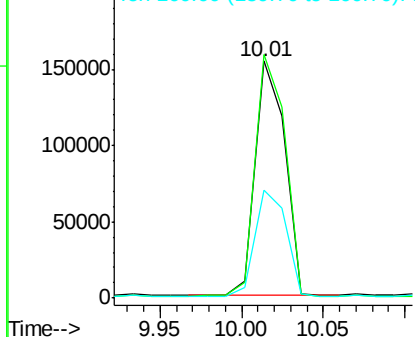


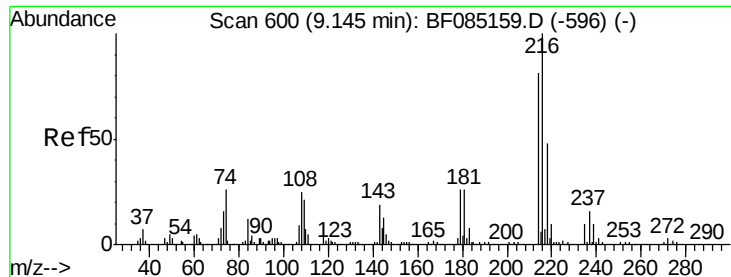
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion:164 Resp: 194551
Ion Ratio Lower Upper
164 100
162 102.8 83.3 124.9
160 45.6 37.9 56.9



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: 58.58 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 325948

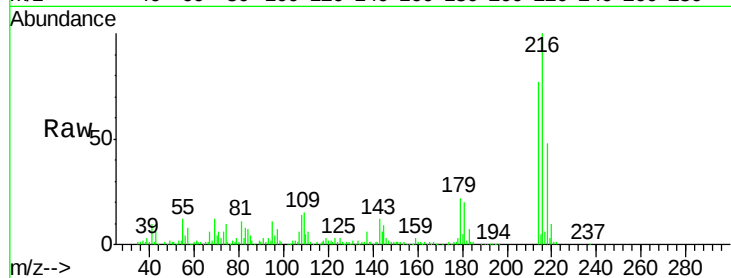
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 27.1 19.6 29.4

108 19.9 19.6 29.4

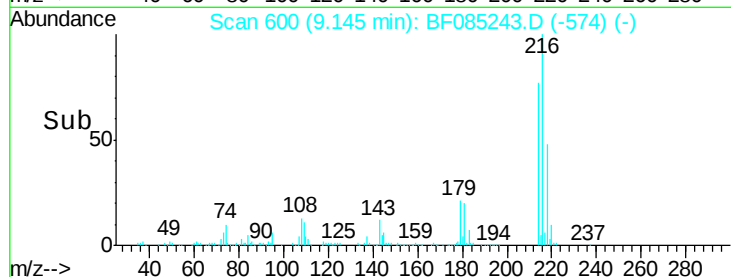


Abundance Ion 216.00 (215.70 to 216.70): E

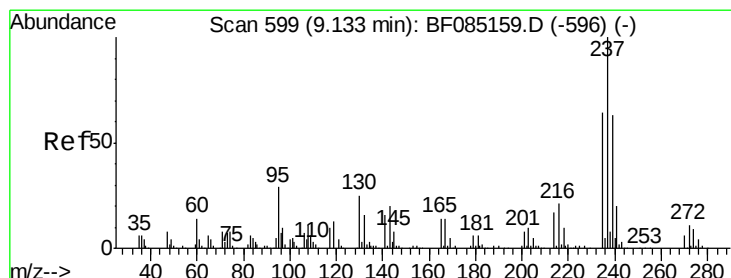
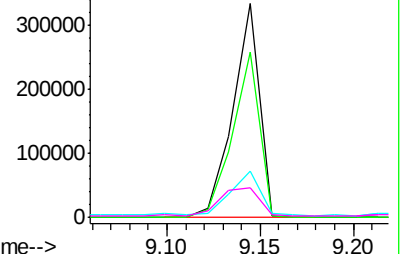
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.36 ng

RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

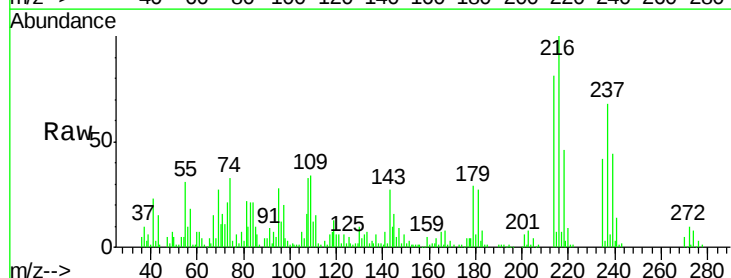
Tgt Ion:237 Resp: 112103

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

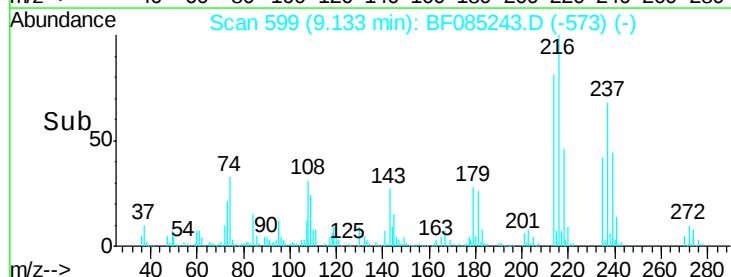
272 14.1 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

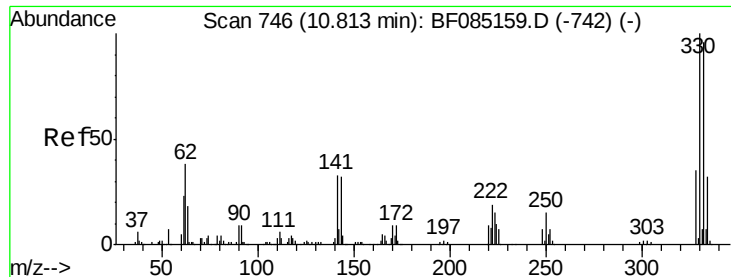
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

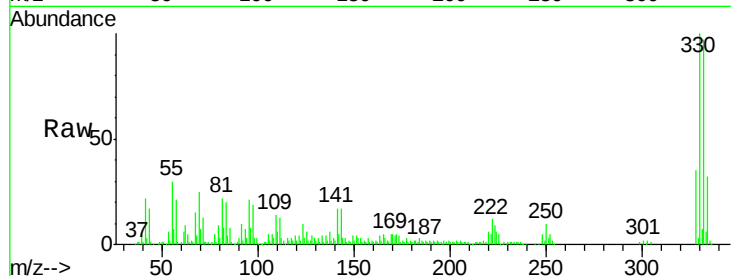




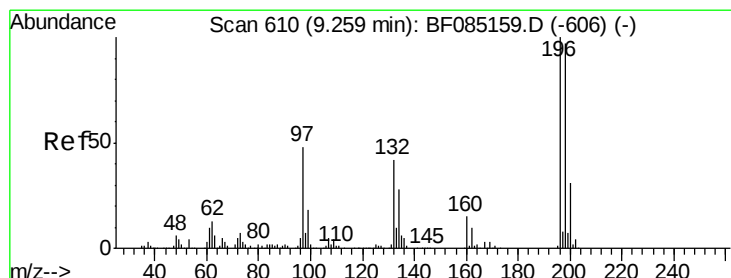
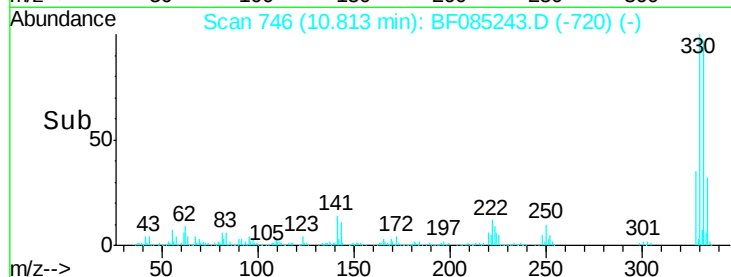
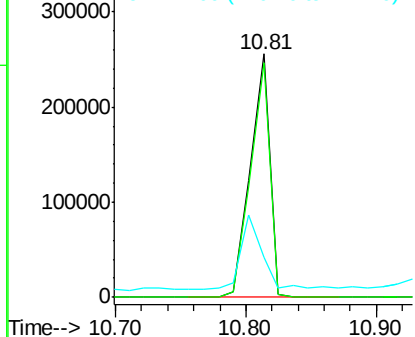
#41
 2,4,6-Tribromophenol
 Concen: 160.06 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 266450
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 34.8 35.0 52.6#

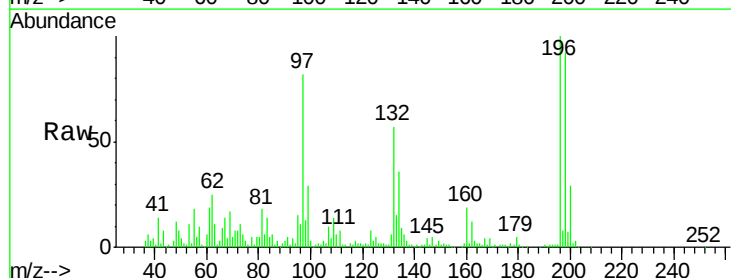


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

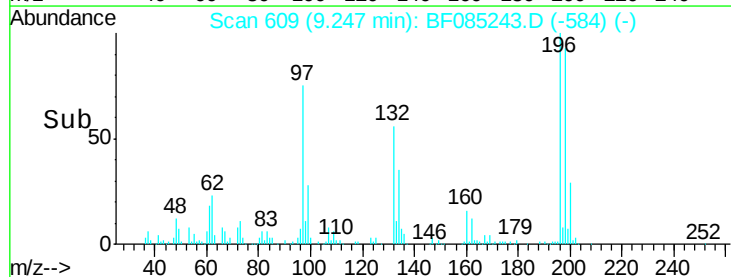
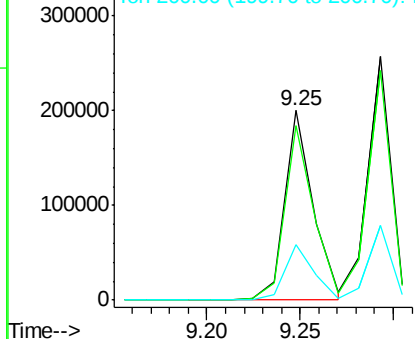


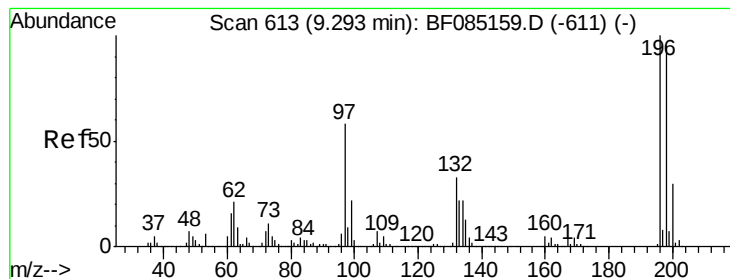
#42
 2,4,6-Trichlorophenol
 Concen: 51.25 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:196 Resp: 212261
 Ion Ratio Lower Upper
 196 100
 198 92.4 77.8 116.6
 200 29.3 25.0 37.6



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: 55.69 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampled :

Tgt Ion:196 Resp: 218695

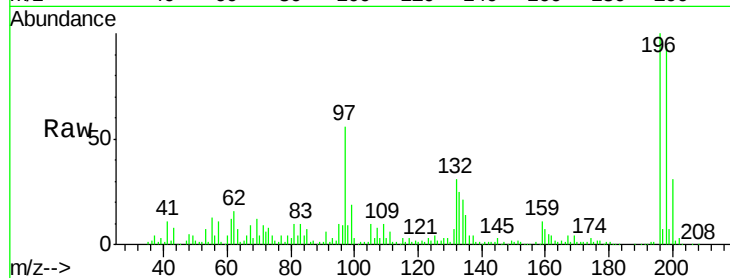
Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

97 55.7 46.4 69.6

132 31.0 26.2 39.4

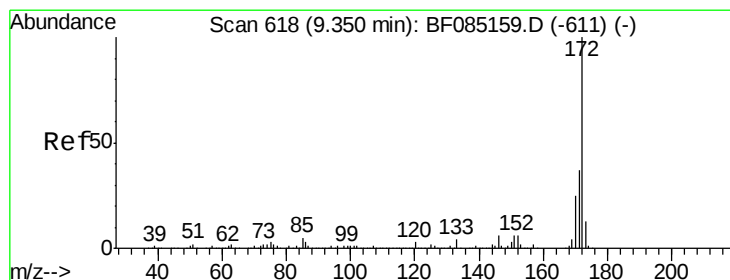
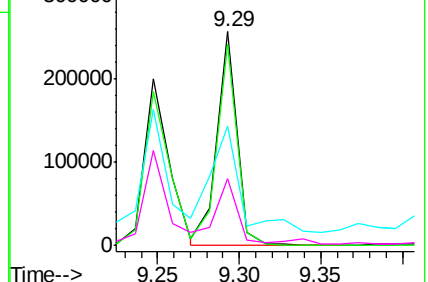
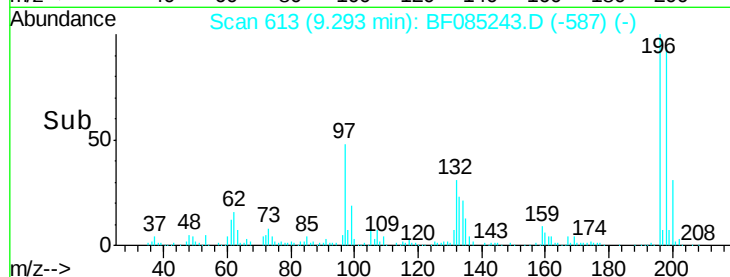


Abundance Ion 196.00 (195.70 to 196.70): E

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: 110.75 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

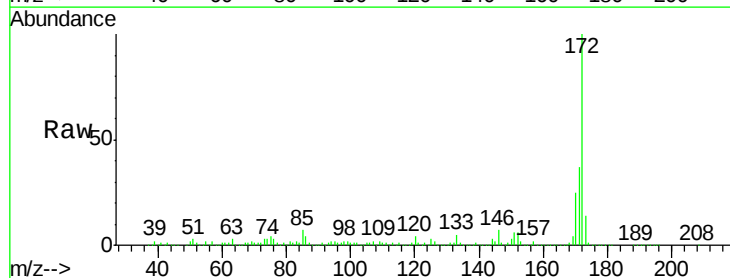
Tgt Ion:172 Resp: 1416716

Ion Ratio Lower Upper

172 100

171 36.9 29.3 43.9

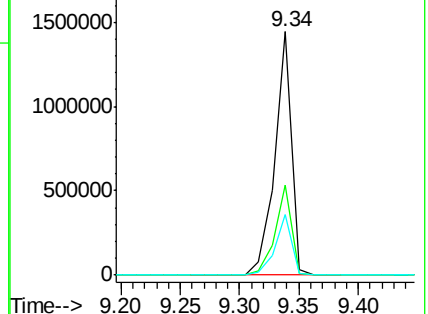
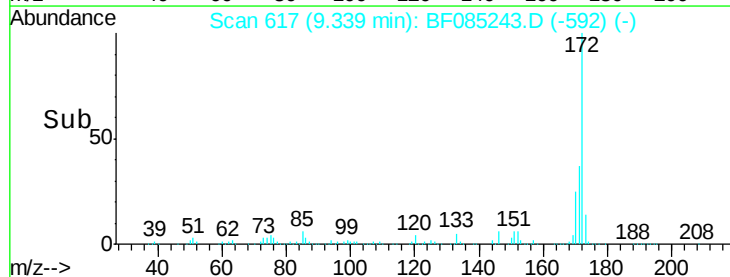
170 24.7 20.0 30.0

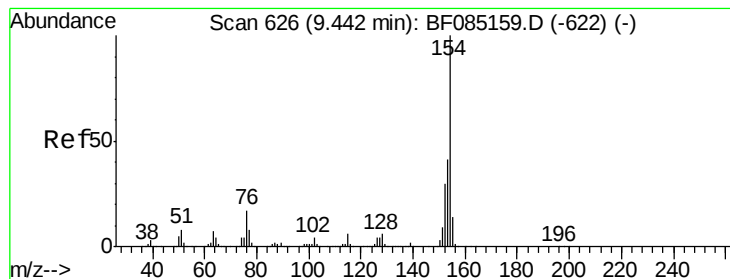


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 54.27 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

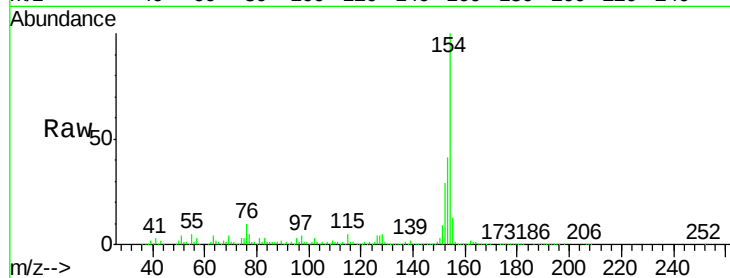
Tgt Ion:154 Resp: 902042

Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

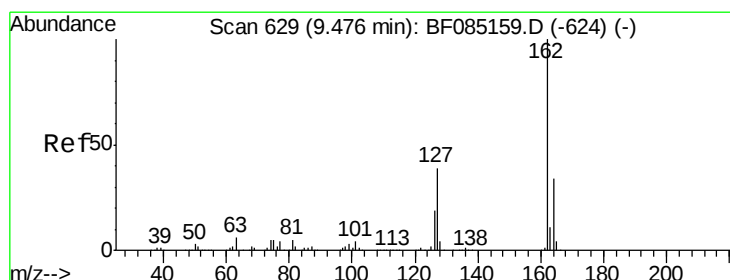
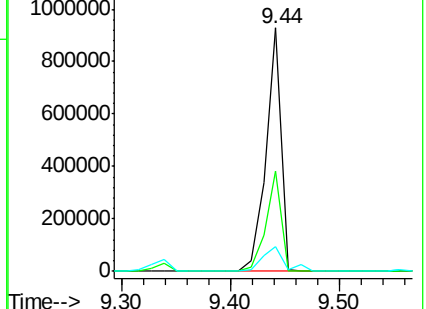
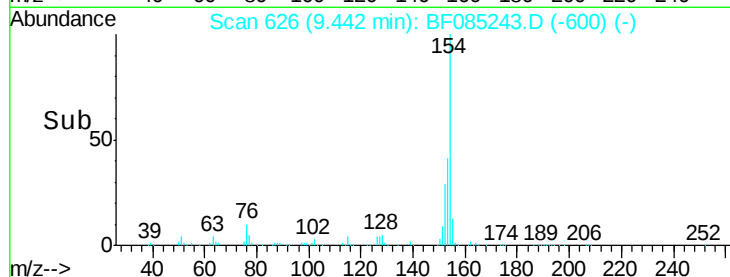
76 10.3 0.0 37.5



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: 51.11 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

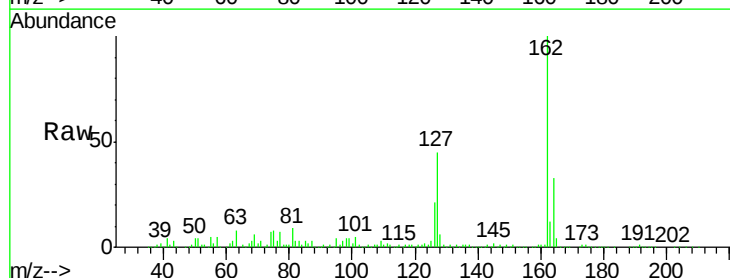
Tgt Ion:162 Resp: 647616

Ion Ratio Lower Upper

162 100

127 44.9 31.6 47.4

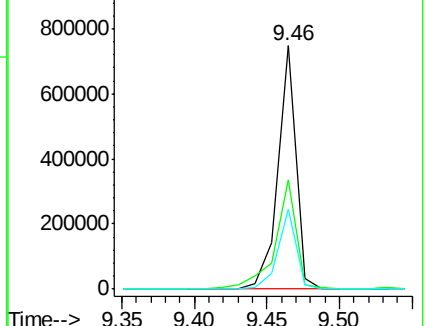
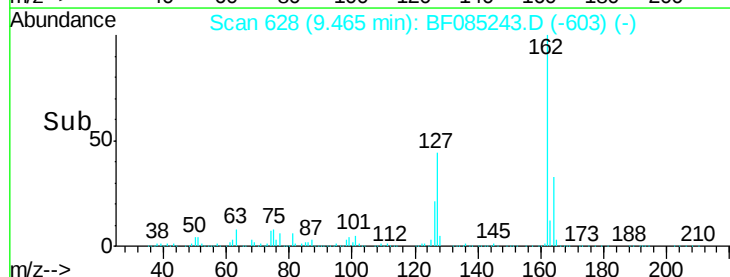
164 33.0 27.1 40.7

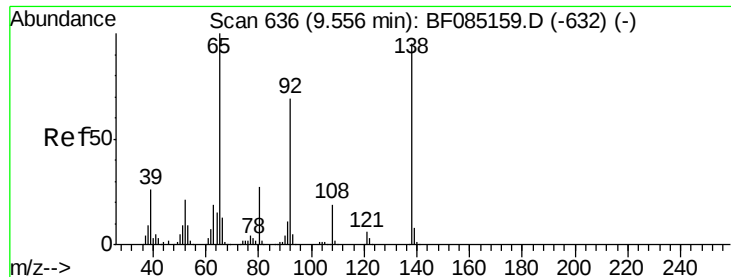


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

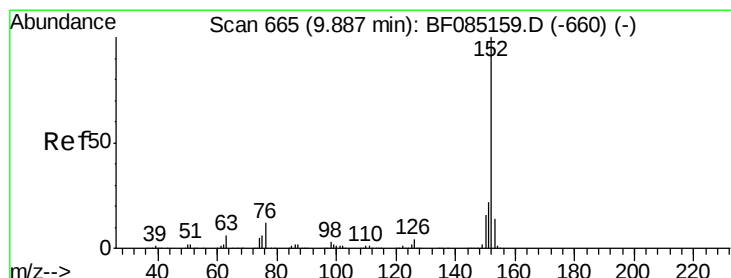
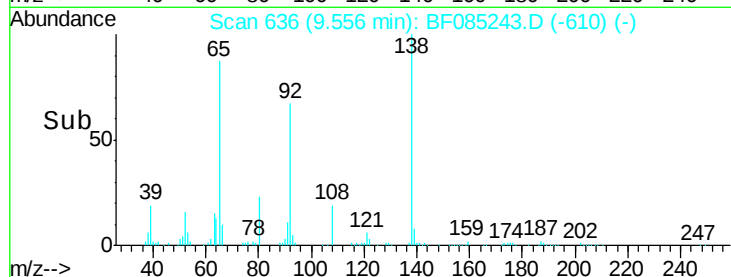
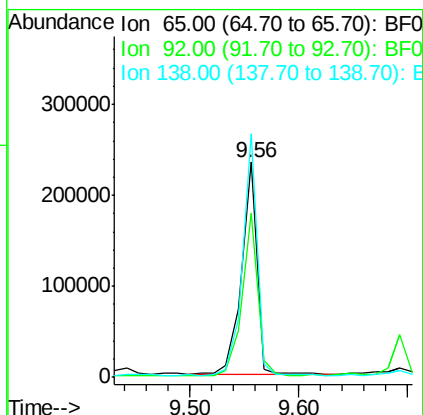
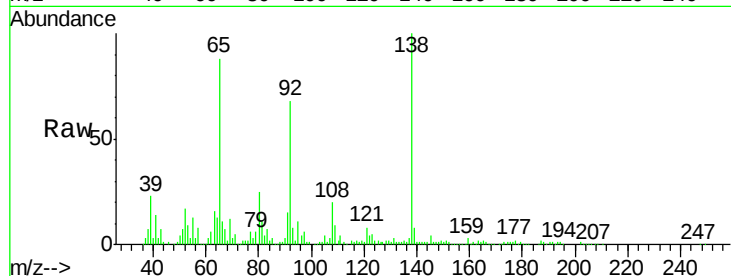




#47
2-Nitroaniline
Concen: 56.38 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

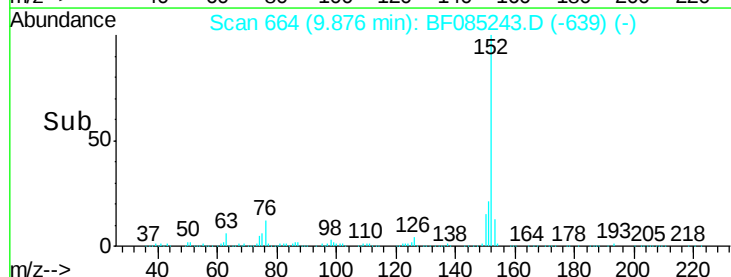
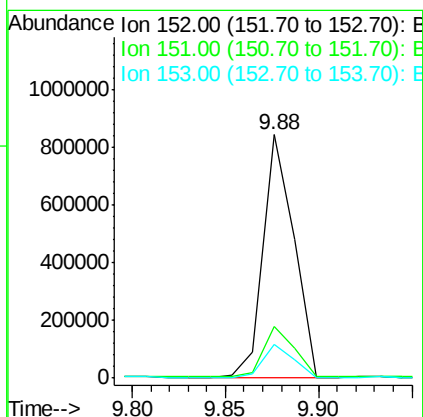
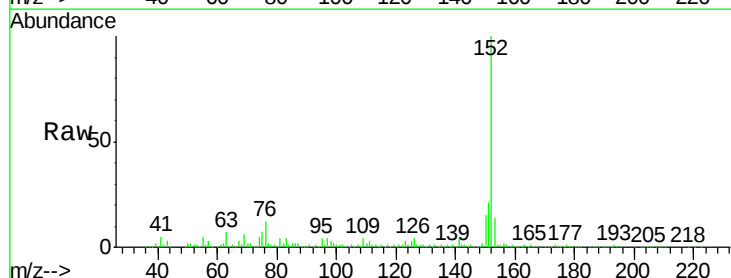
Instrument :
BNA_F
ClientSampleId :

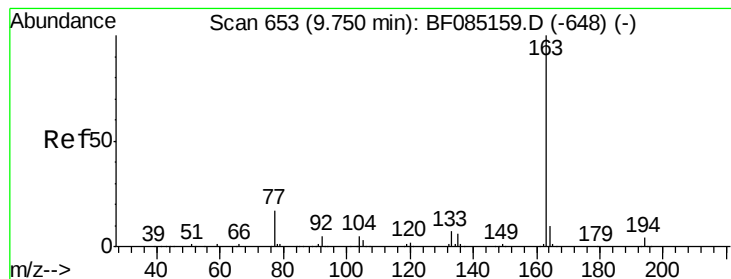
Tgt Ion: 65 Resp: 221359
Ion Ratio Lower Upper
65 100
92 76.6 55.4 83.2
138 113.3 75.7 113.5



#48
Acenaphthylene
Concen: 49.20 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion: 152 Resp: 970210
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 60.72 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

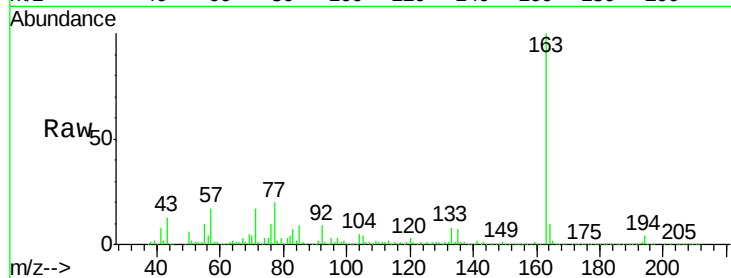
Tgt Ion:163 Resp: 906741

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

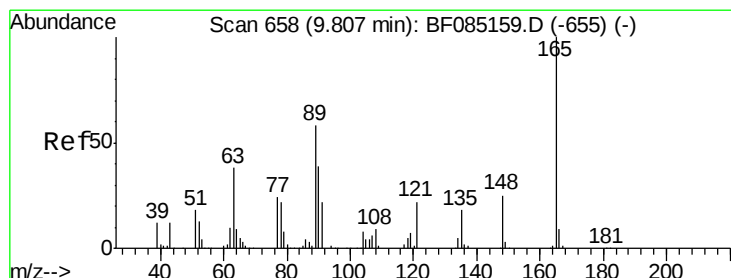
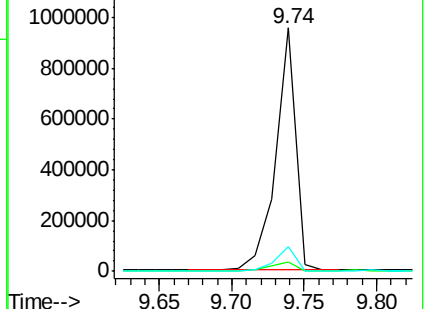
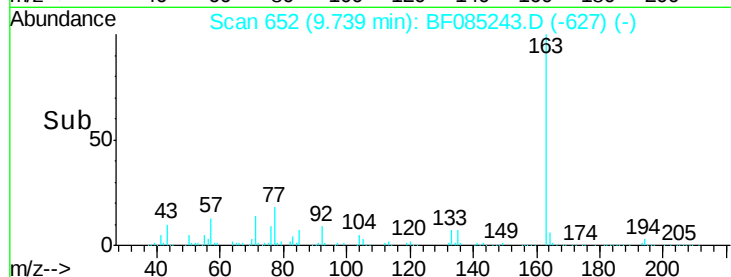
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.32 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

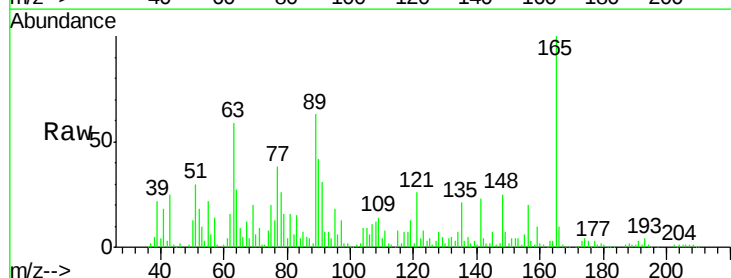
Tgt Ion:165 Resp: 151179

Ion Ratio Lower Upper

165 100

63 59.1 41.8 62.8

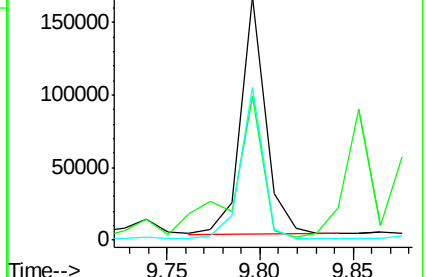
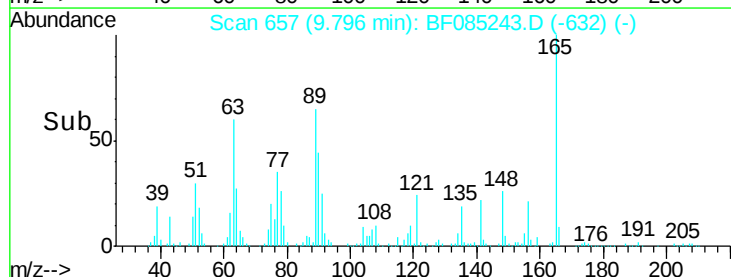
89 62.8 46.7 70.1

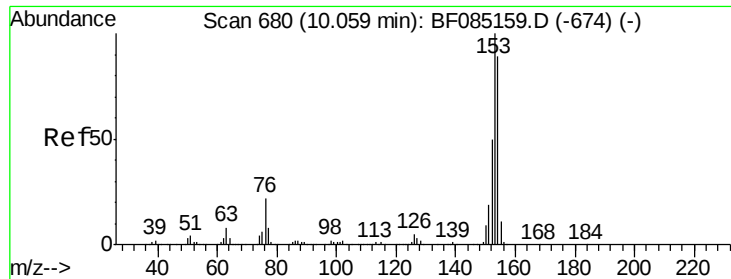


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.99 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

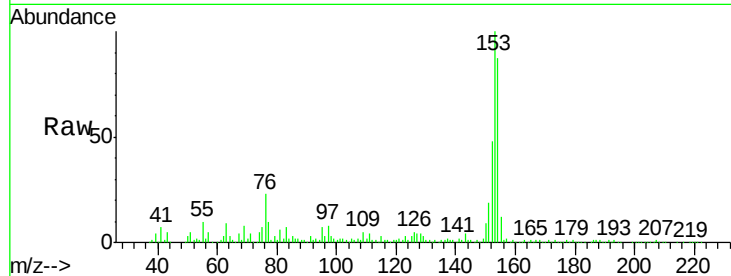
Tgt Ion:154 Resp: 562604

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.8

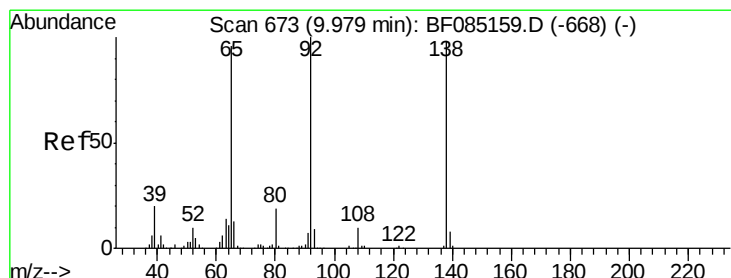
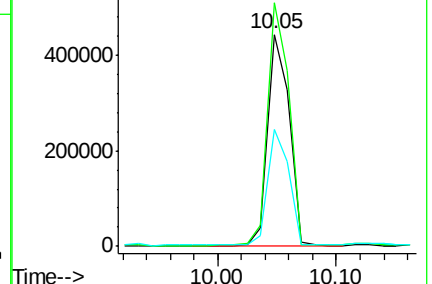
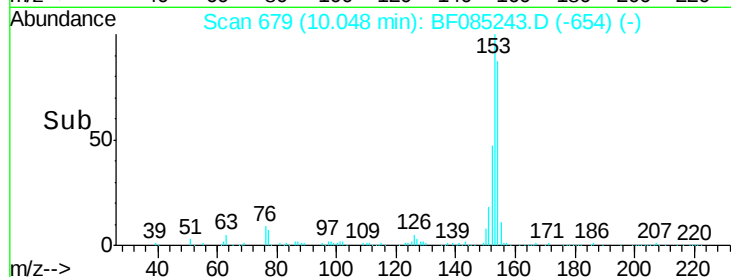
152 55.2 44.6 66.8



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: 41.15 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

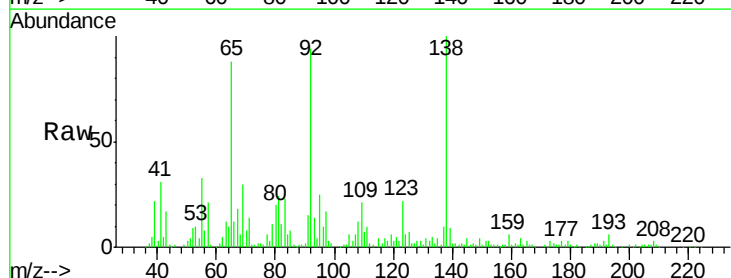
Tgt Ion:138 Resp: 157273

Ion Ratio Lower Upper

138 100

108 12.5 7.8 11.6#

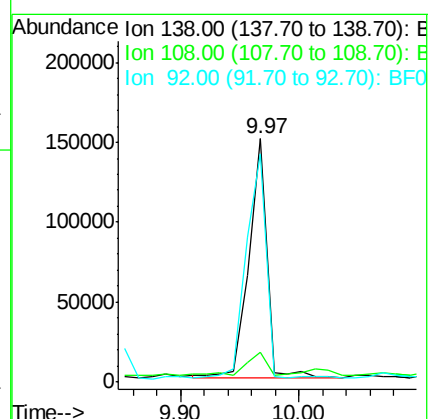
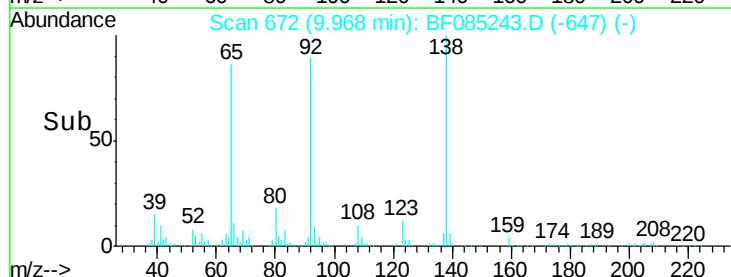
92 93.7 81.3 121.9

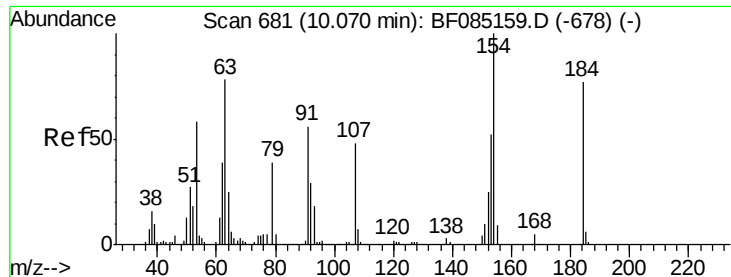


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

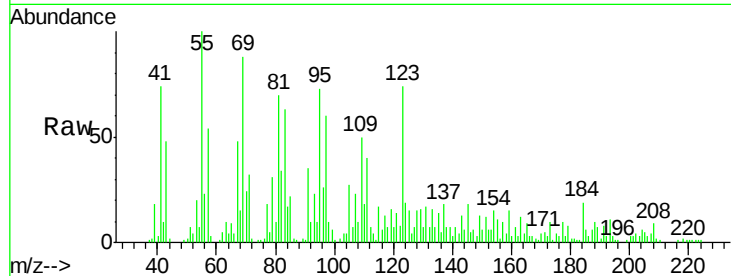




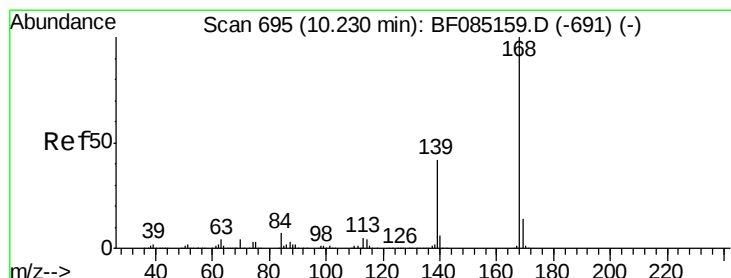
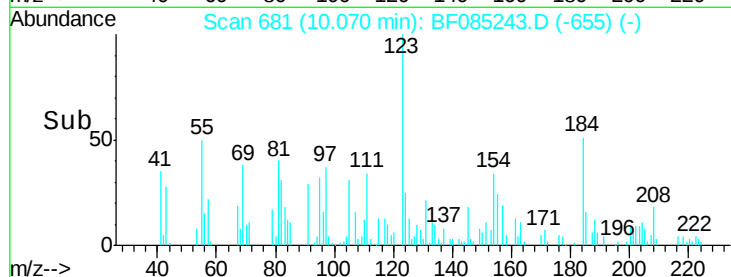
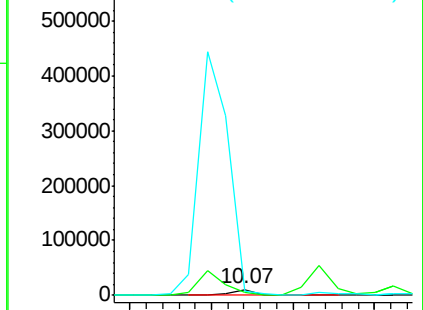
#53
2,4-Dinitrophenol
Concen: 13.91 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 10605
Ion Ratio Lower Upper
184 100
63 52.7 82.2 123.4#
154 76.5 108.9 163.3#

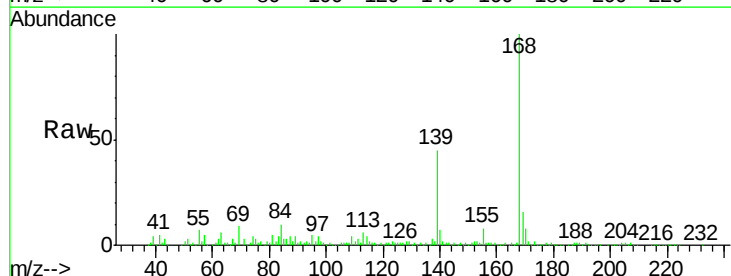


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

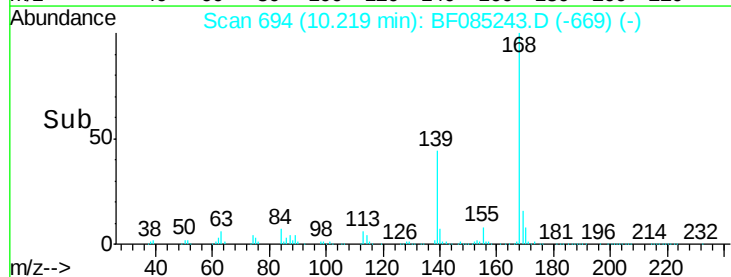
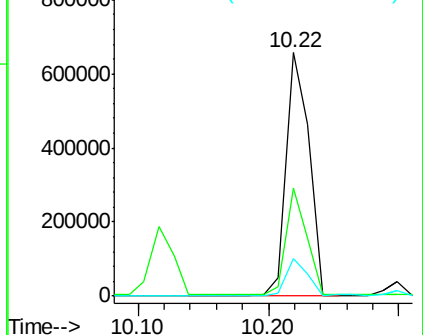


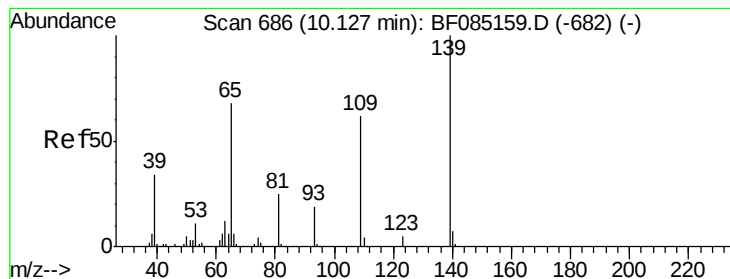
#54
Dibenzofuran
Concen: 51.35 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion:168 Resp: 805472
Ion Ratio Lower Upper
168 100
139 44.5 33.6 50.4
169 15.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.71 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

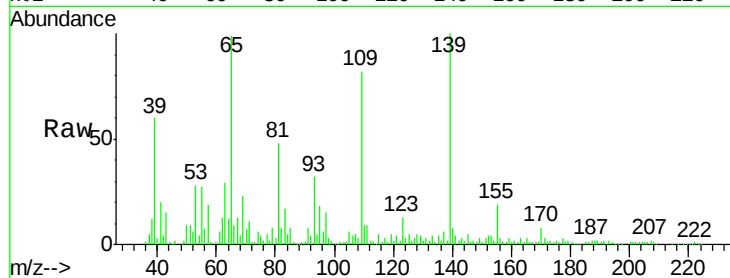
Tgt Ion:139 Resp: 227407

Ion Ratio Lower Upper

139 100

109 82.2 41.9 81.9#

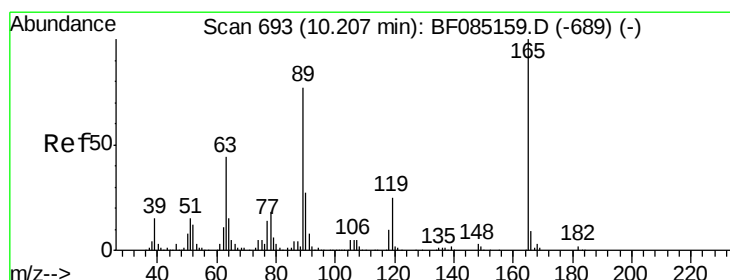
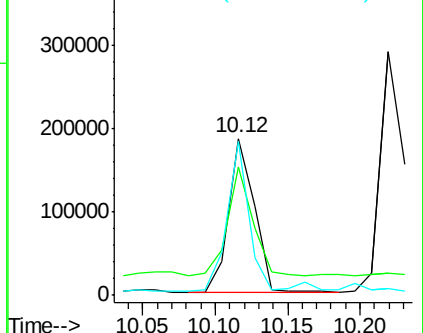
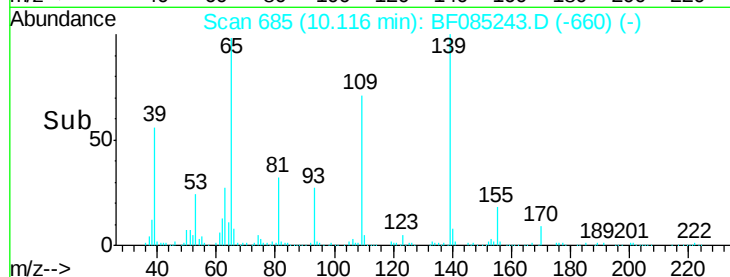
65 98.7 48.3 88.3#



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: 44.08 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:165 Resp: 180228

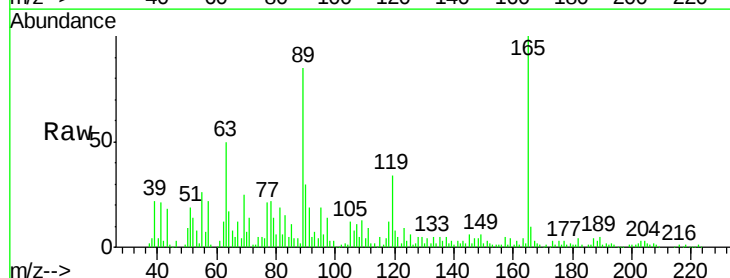
Ion Ratio Lower Upper

165 100

63 50.5 35.4 53.0

89 85.4 61.9 92.9

182 3.6 1.9 2.9#

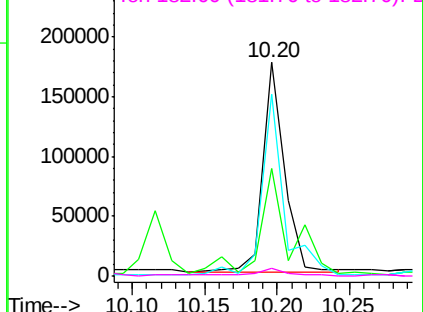
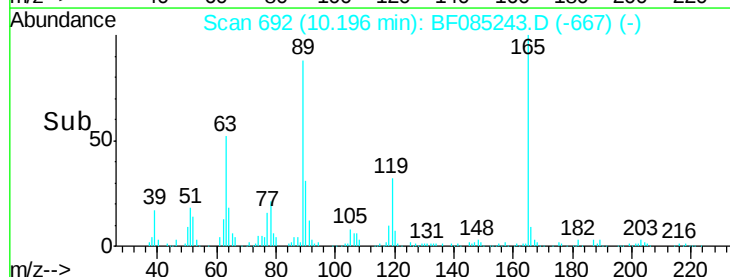


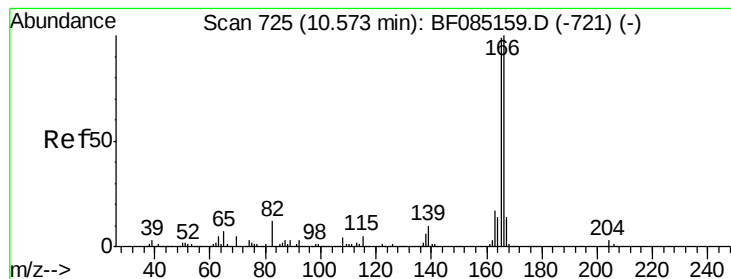
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.77 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

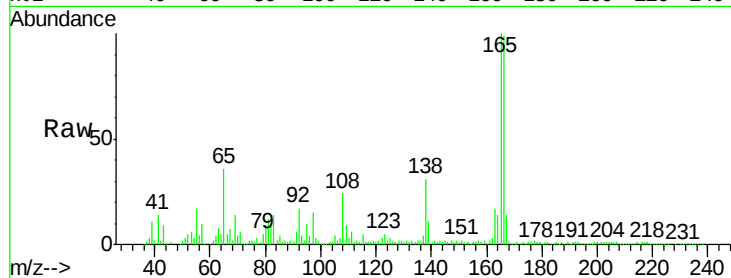
Tgt Ion:166 Resp: 588605

Ion Ratio Lower Upper

166 100

165 100.8 79.4 119.0

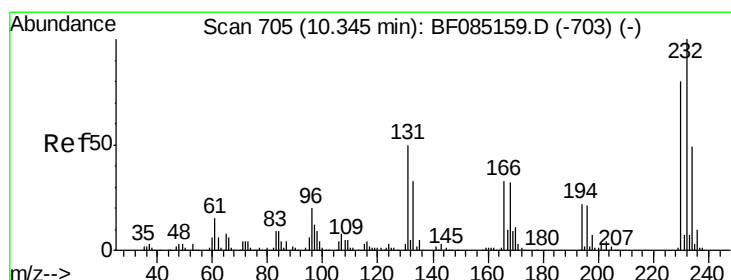
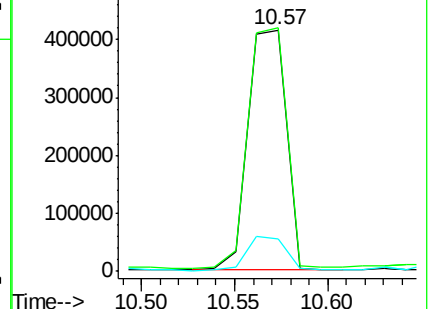
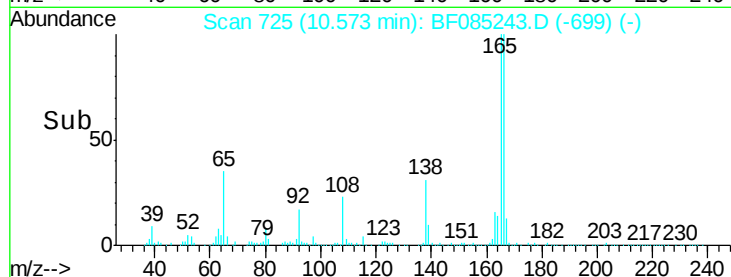
167 13.7 11.0 16.6



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: 51.16 ng

RT: 10.34 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:232 Resp: 141149

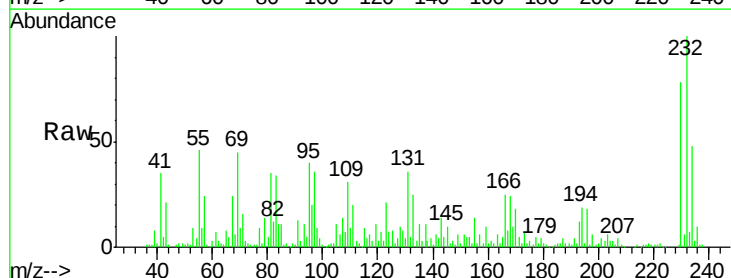
Ion Ratio Lower Upper

232 100

131 51.5 46.0 69.0

130 5.7 2.2 3.4#

166 33.9 28.8 43.2

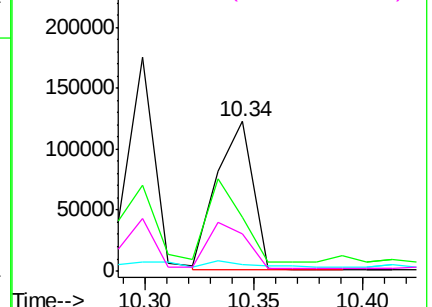
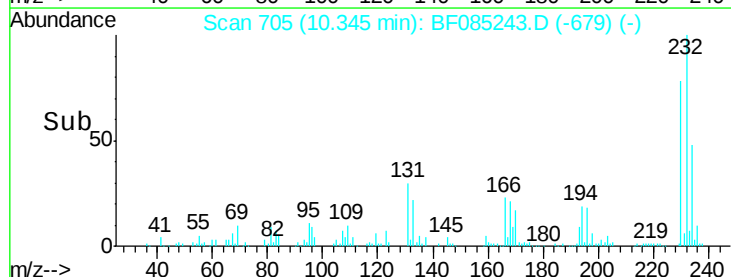


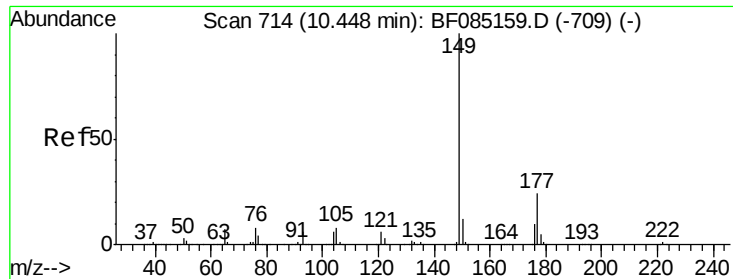
Abundance Ion 232.00 (231.70 to 232.70): E

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

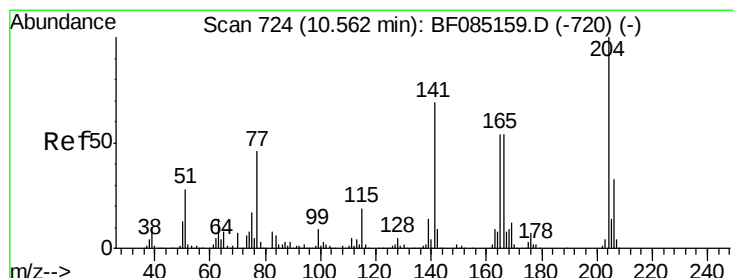
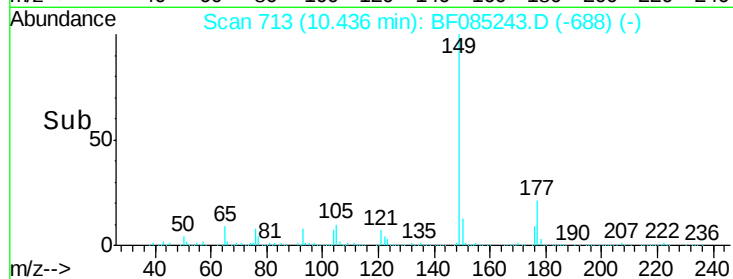
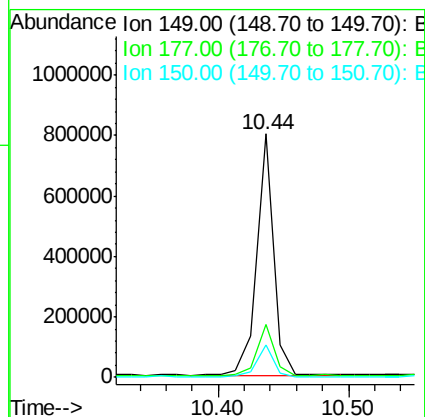
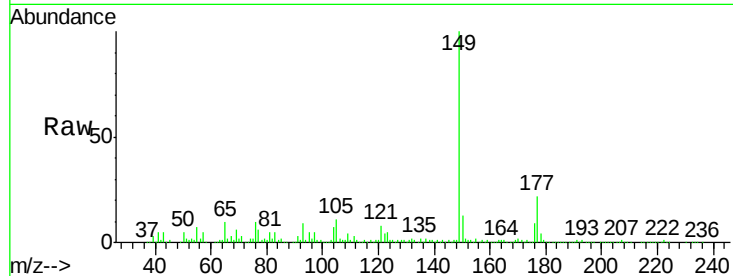




#59
Diethylphthalate
Concen: 49.85 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

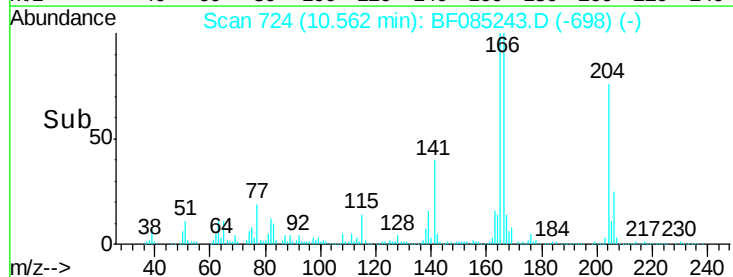
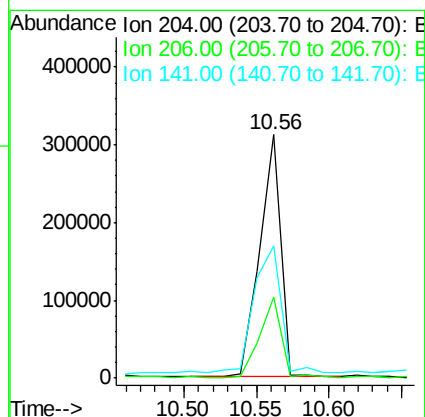
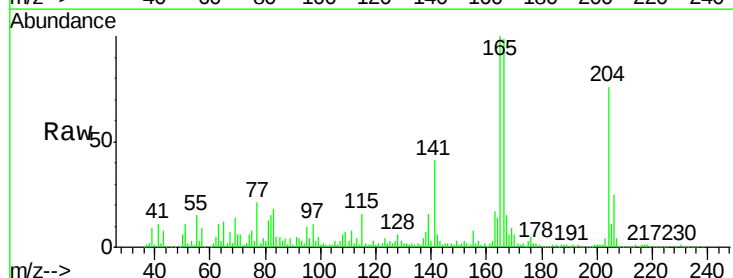
Instrument :
BNA_F
ClientSampleId :

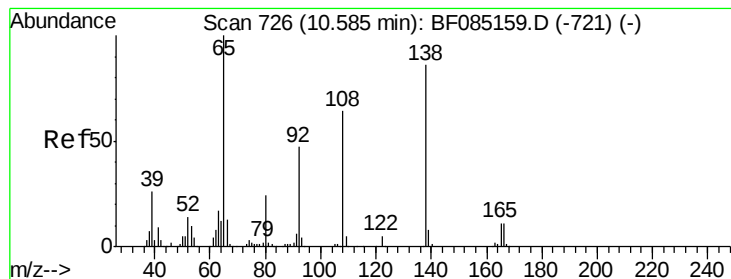
Tgt Ion:149 Resp: 722400
Ion Ratio Lower Upper
149 100
177 21.9 19.2 28.8
150 13.1 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 51.99 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion:204 Resp: 311674
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 54.5 55.4 83.2#





#61

4-Nitroaniline

Concen: 36.72 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

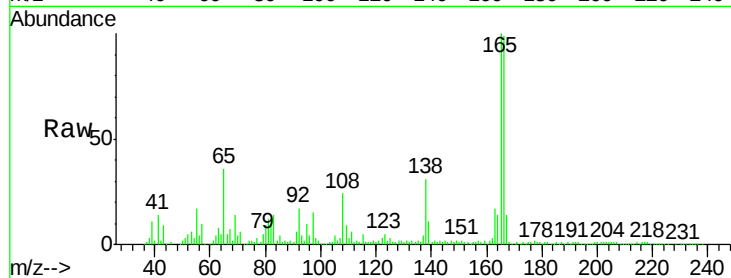
Tgt Ion:138 Resp: 131281

Ion Ratio Lower Upper

138 100

92 54.3 34.2 74.2

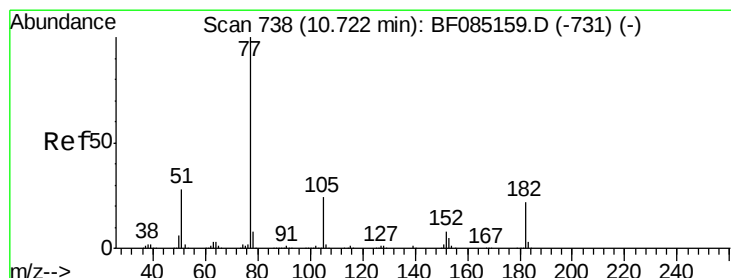
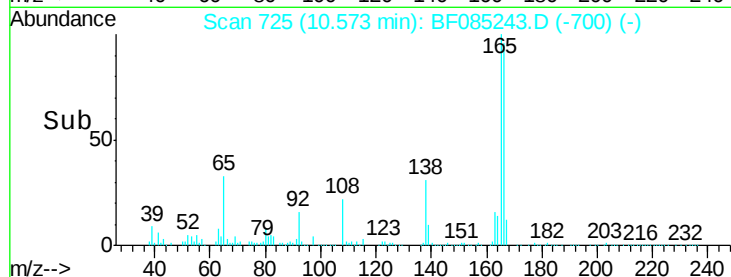
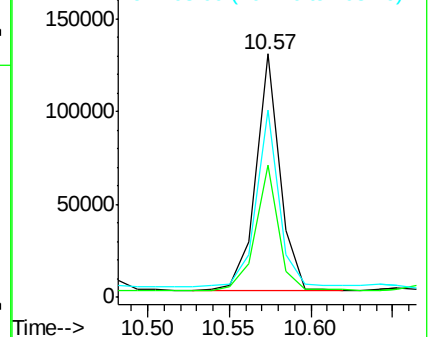
108 76.8 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.35 ng

RT: 10.72 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion: 77 Resp: 718874

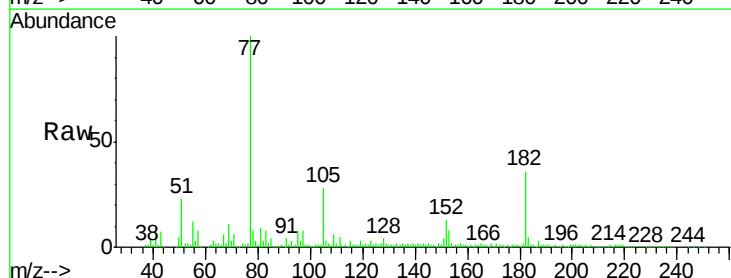
Ion Ratio Lower Upper

77 100

182 35.6 2.1 42.1

105 28.3 3.8 43.8

51 22.7 7.8 47.8

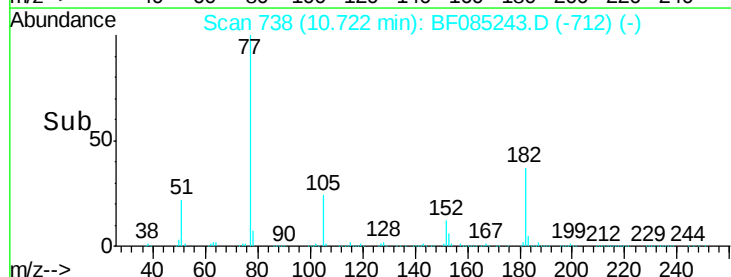
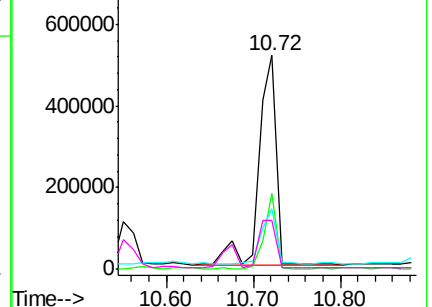


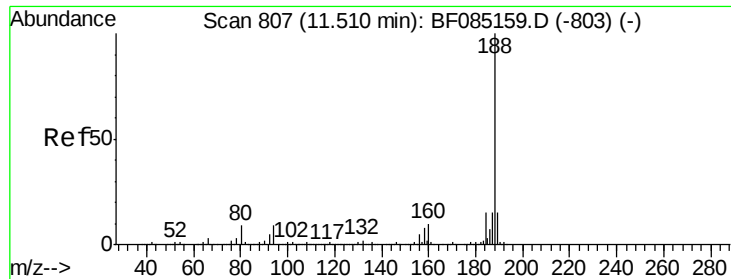
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

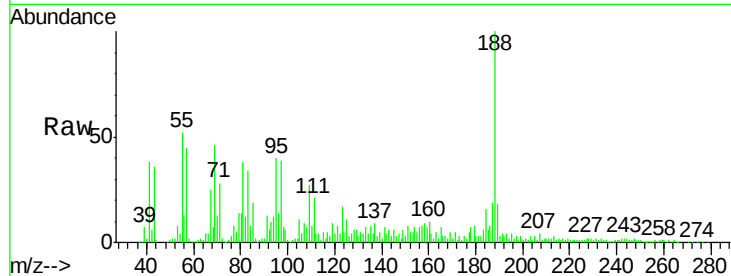
Tgt Ion:188 Resp: 331185

Ion Ratio Lower Upper

188 100

94 12.1 7.0 10.6#

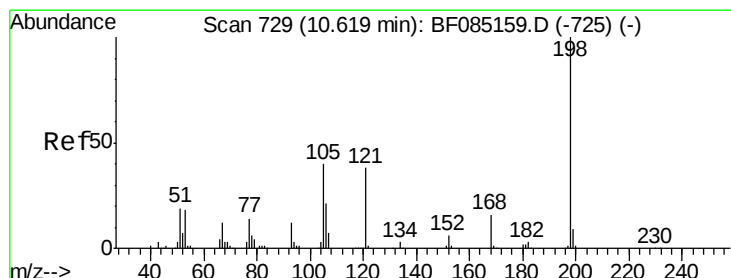
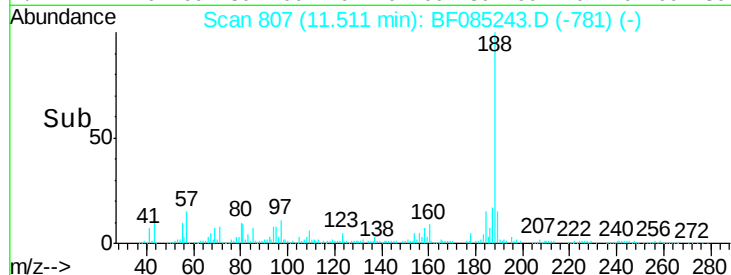
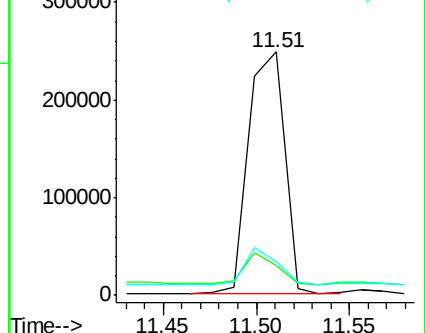
80 14.0 7.4 11.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 9.95 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

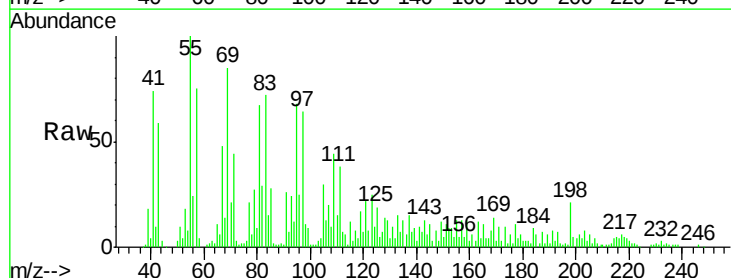
Tgt Ion:198 Resp: 19729

Ion Ratio Lower Upper

198 100

51 45.5 9.5 49.5

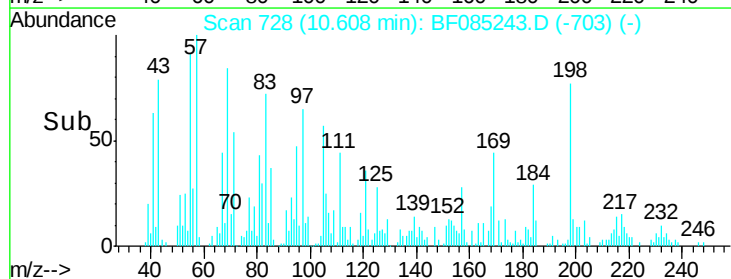
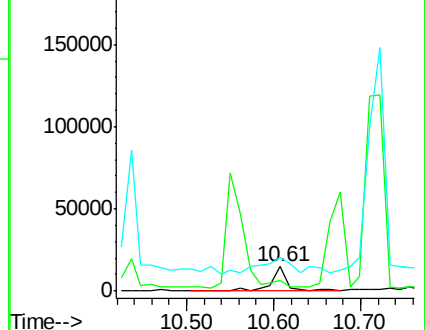
105 138.4 20.5 60.5#

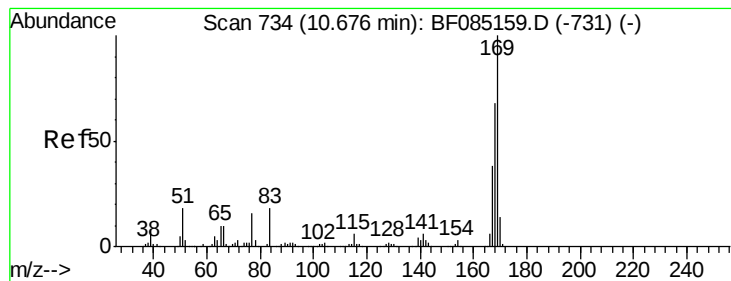


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 57.35 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

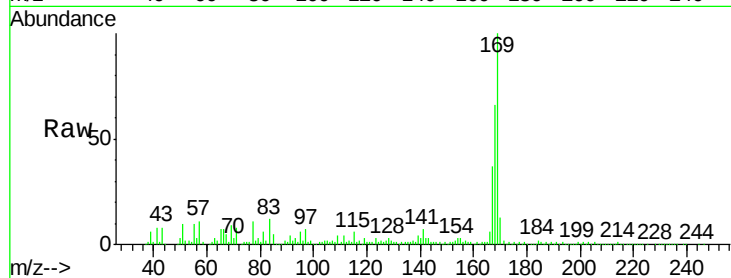
Tgt Ion:169 Resp: 590757

Ion Ratio Lower Upper

169 100

168 66.2 54.8 82.2

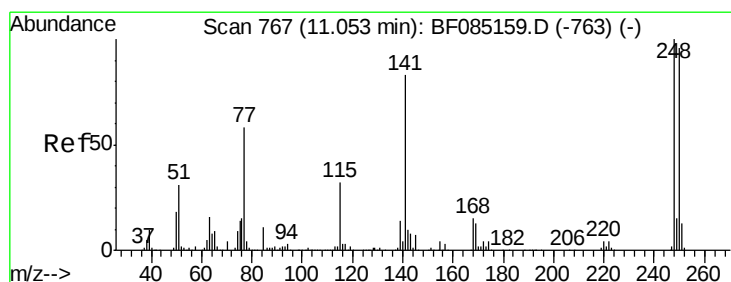
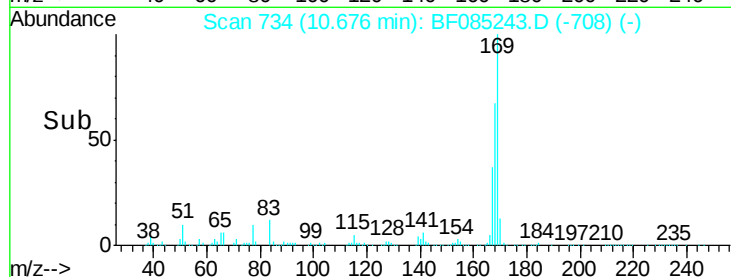
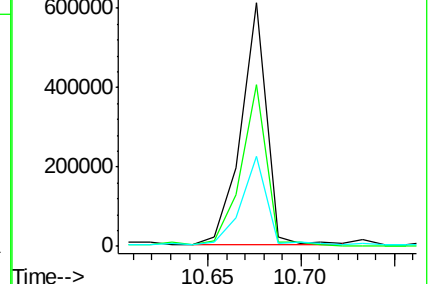
167 37.0 30.3 45.5



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: 59.81 ng

RT: 11.05 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

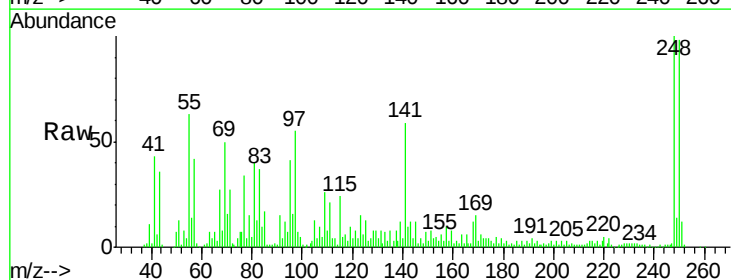
Tgt Ion:248 Resp: 192322

Ion Ratio Lower Upper

248 100

250 97.7 77.1 115.7

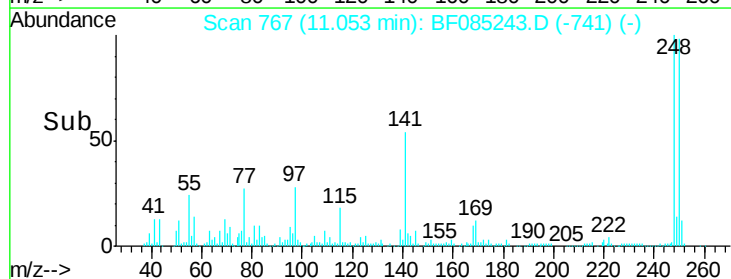
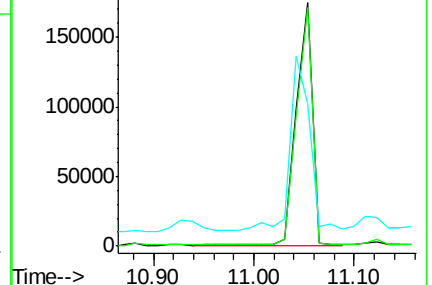
141 58.6 66.2 99.2#

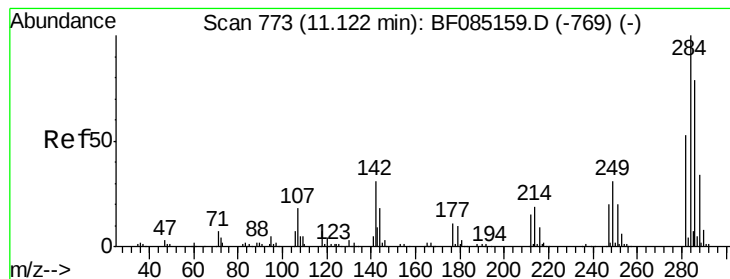


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 56.10 ng

RT: 11.12 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

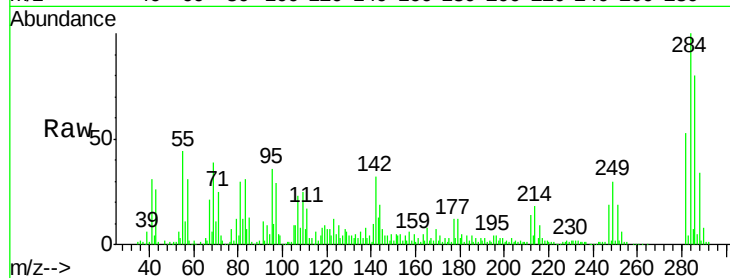
Tgt Ion:284 Resp: 192462

Ion Ratio Lower Upper

284 100

142 31.6 24.9 37.3

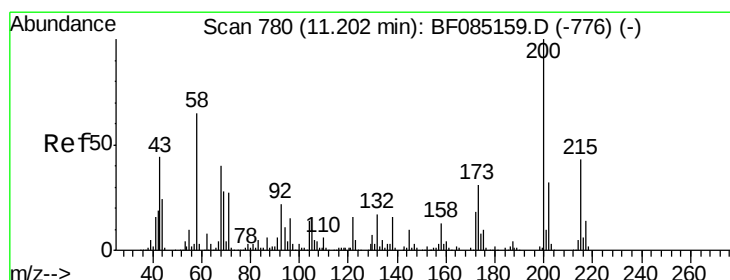
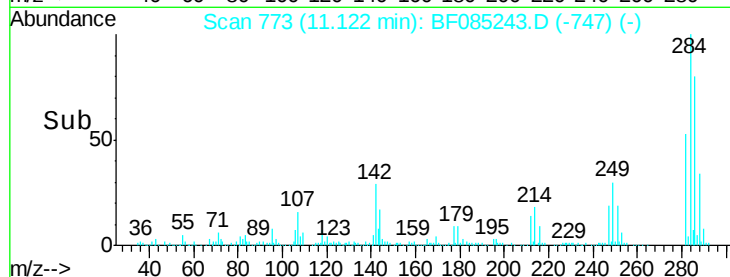
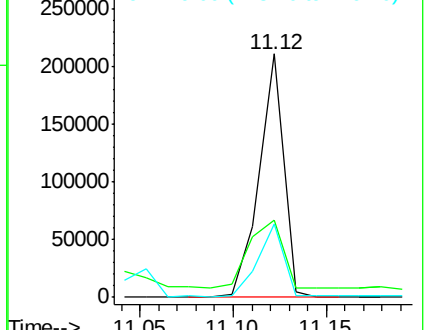
249 30.2 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 64.40 ng

RT: 11.20 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

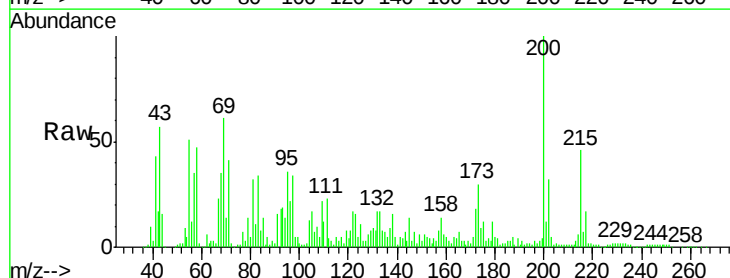
Tgt Ion:200 Resp: 184495

Ion Ratio Lower Upper

200 100

173 30.5 10.5 50.5

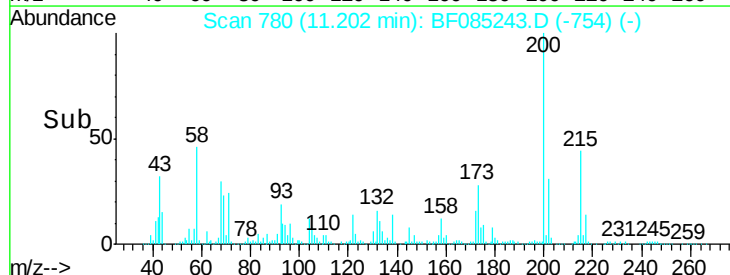
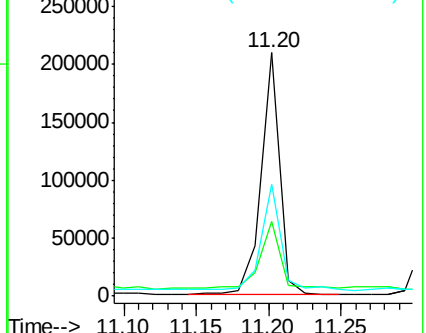
215 45.9 23.4 63.4

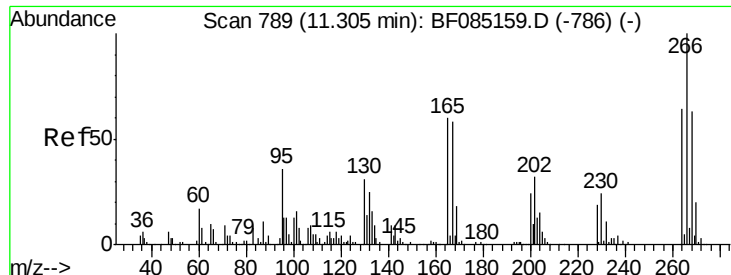


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

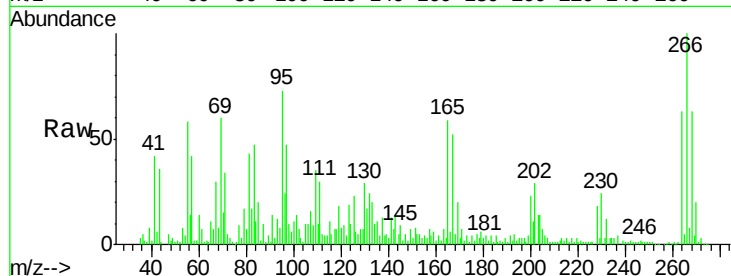




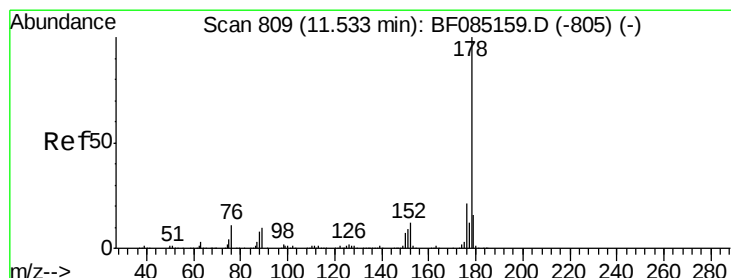
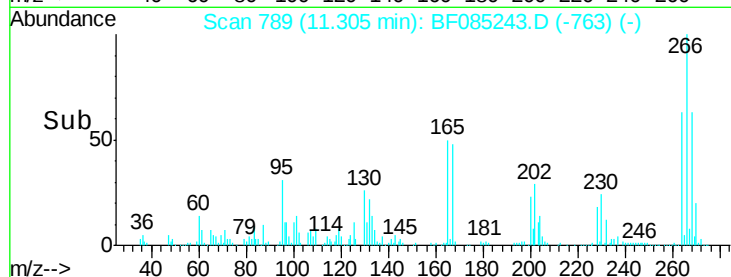
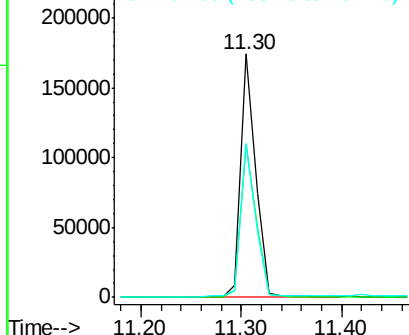
#69
 Pentachlorophenol
 Concen: 96.02 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:266 Resp: 182849
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.0 75.0
 264 63.2 51.4 77.2

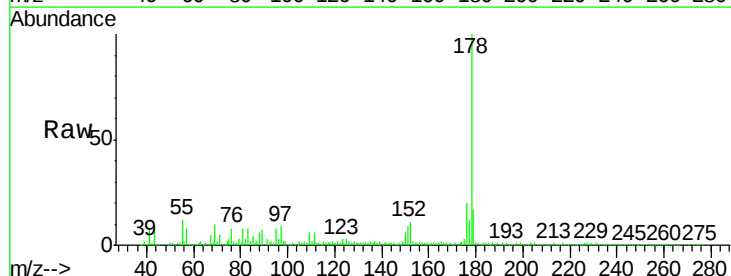


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

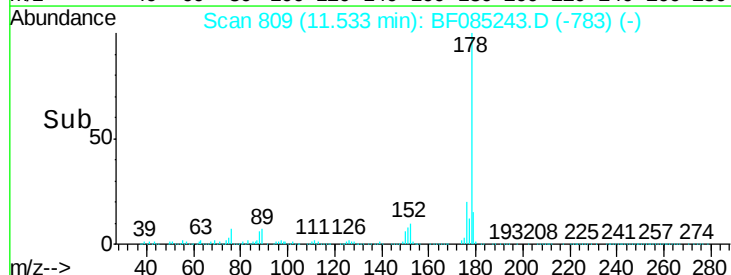
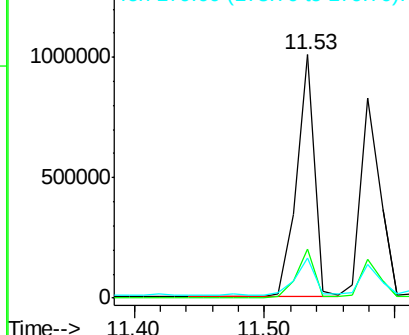


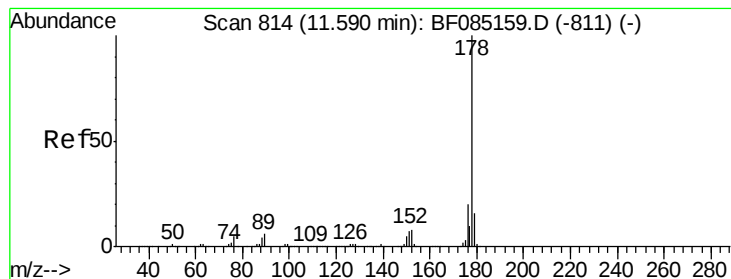
#70
 Phenanthrene
 Concen: 54.99 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:178 Resp: 954398
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 16.6 13.1 19.7



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: 46.24 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

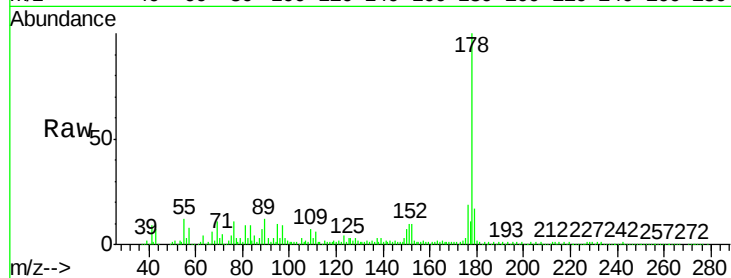
Tgt Ion:178 Resp: 851913

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

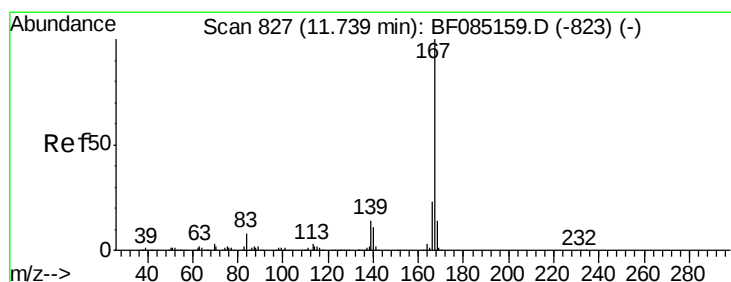
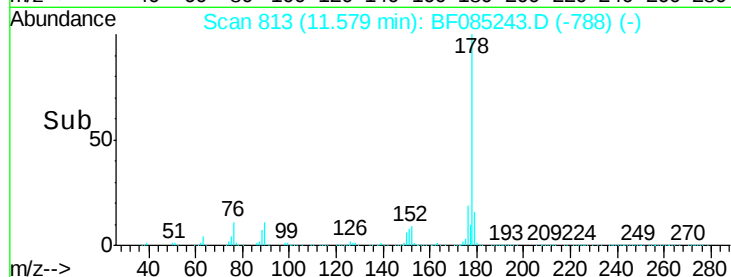
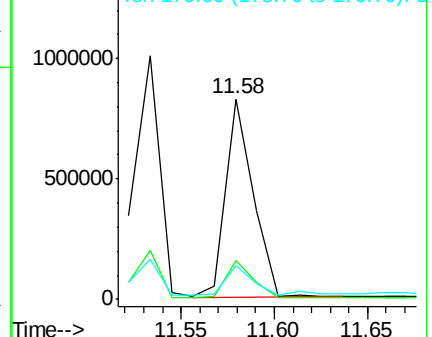
179 16.8 12.5 18.7



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: 47.96 ng

RT: 11.74 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

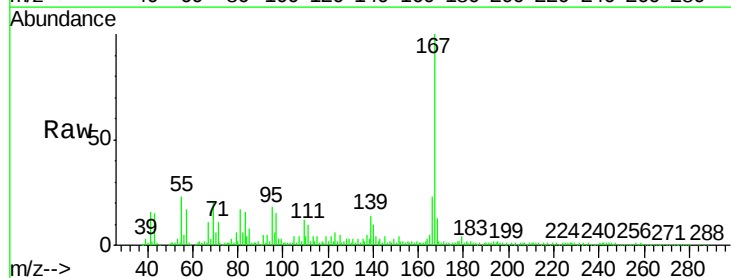
Tgt Ion:167 Resp: 774838

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.2

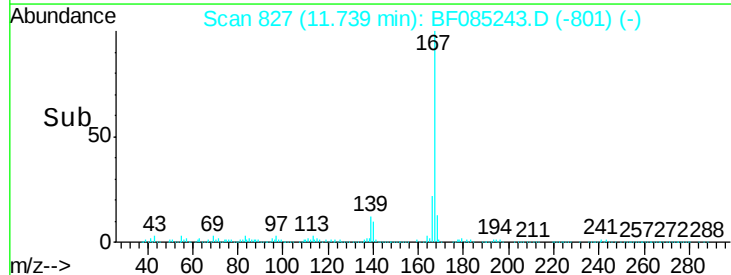
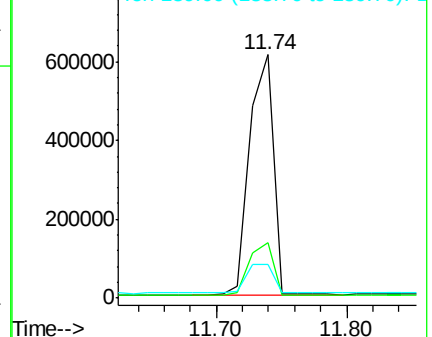
139 14.0 11.4 17.0

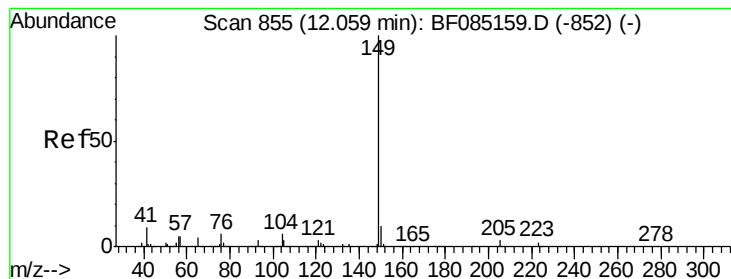


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.23 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

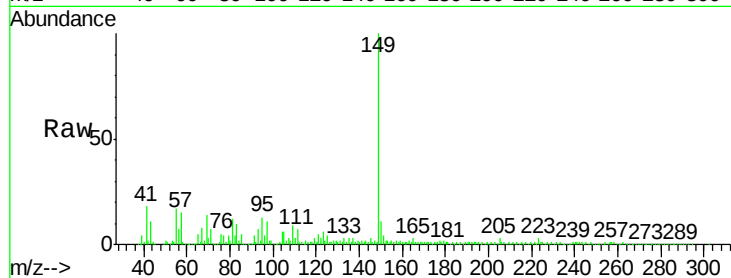
Tgt Ion:149 Resp: 944177

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

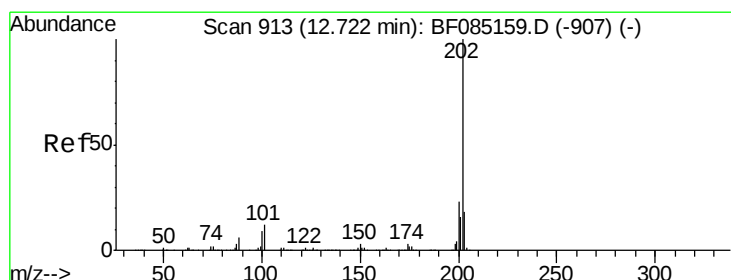
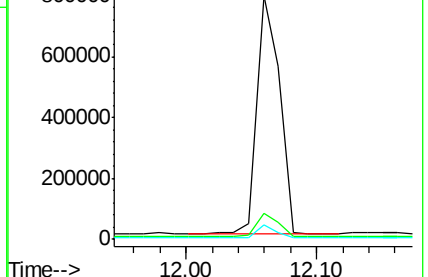
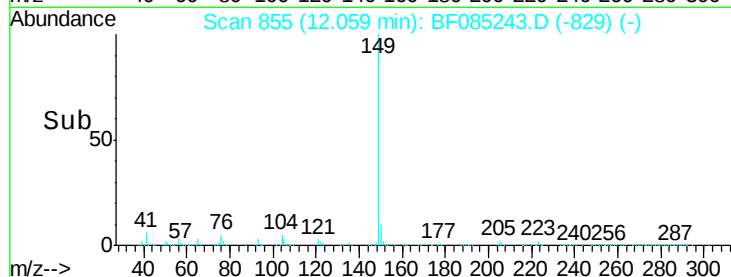
104 5.7 4.7 7.1



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: 42.79 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

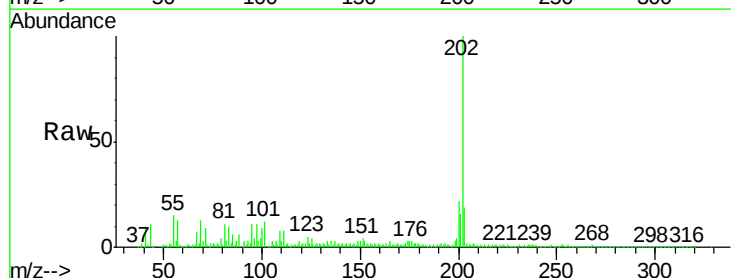
Tgt Ion:202 Resp: 745292

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.8

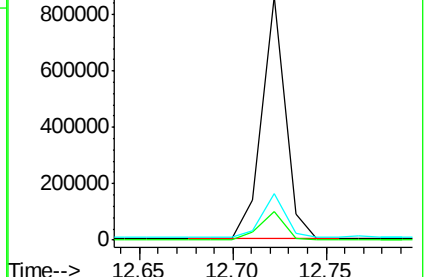
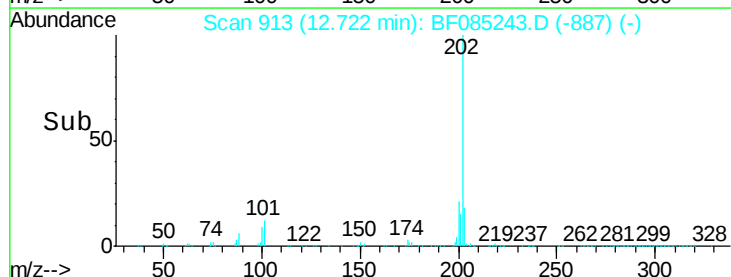
203 18.9 0.0 38.4

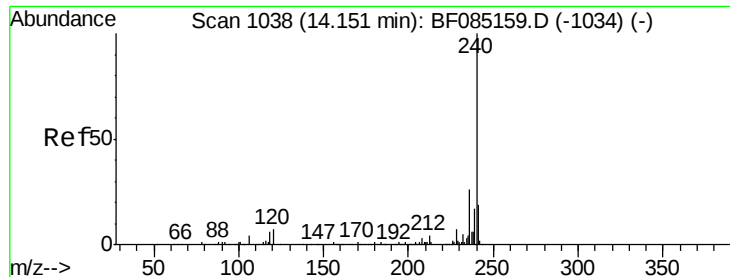


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

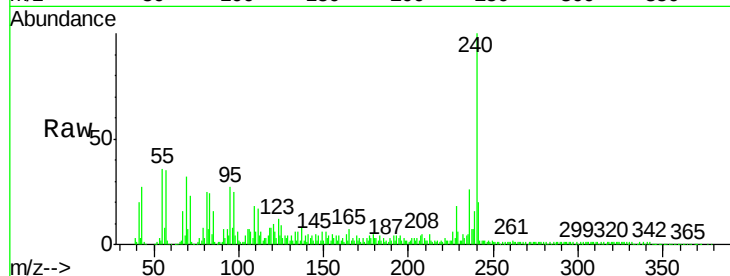
Tgt Ion:240 Resp: 208139

Ion Ratio Lower Upper

240 100

120 10.3 5.3 7.9#

236 26.5 20.7 31.1



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

250000

200000

150000

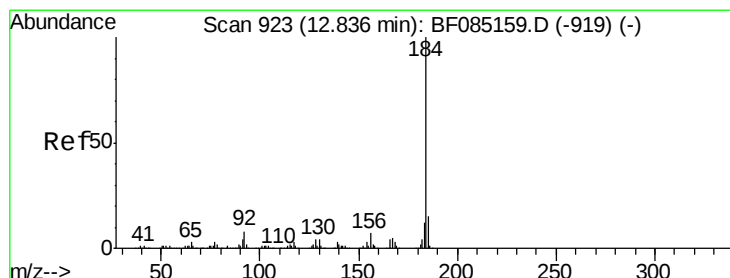
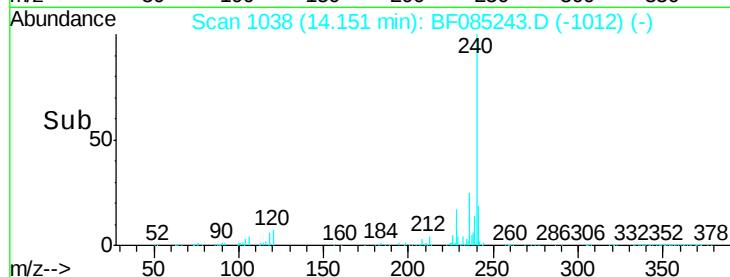
100000

50000

0

14.10 14.20

Time-->



#76

Benzidine

Concen: 41.81 ng

RT: 12.84 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

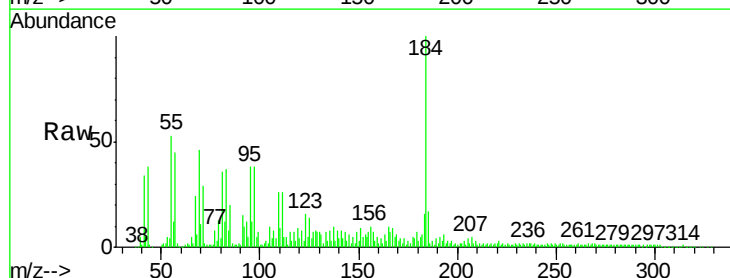
Tgt Ion:184 Resp: 258985

Ion Ratio Lower Upper

184 100

185 16.7 12.4 18.6

183 16.2 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

400000

300000

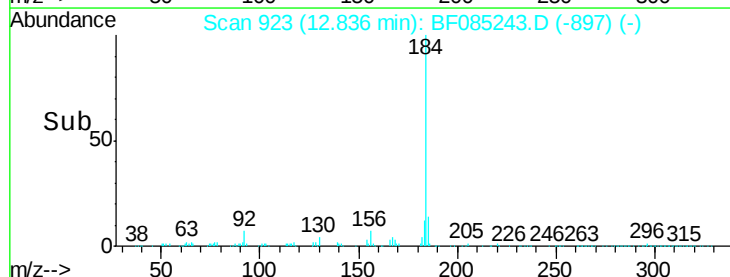
200000

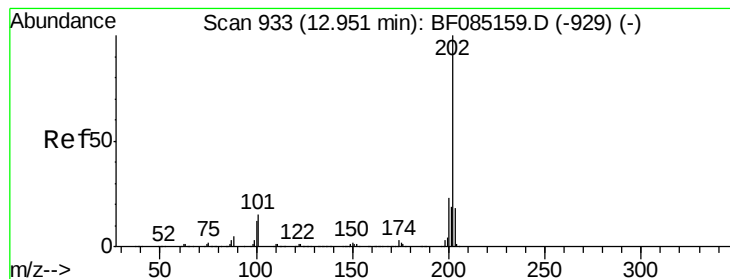
100000

0

12.70 12.80 12.90 13.00

Time-->





#77

Pyrene

Concen: 47.17 ng

RT: 12.95 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

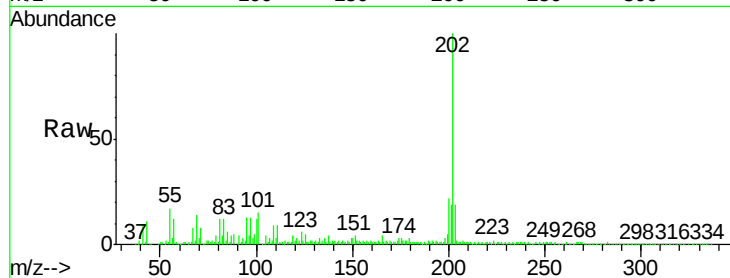
Tgt Ion:202 Resp: 738931

Ion Ratio Lower Upper

202 100

200 21.9 18.2 27.4

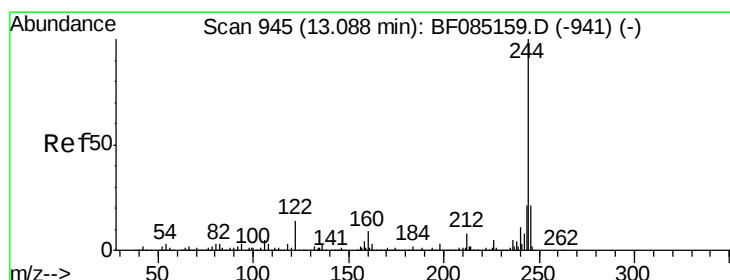
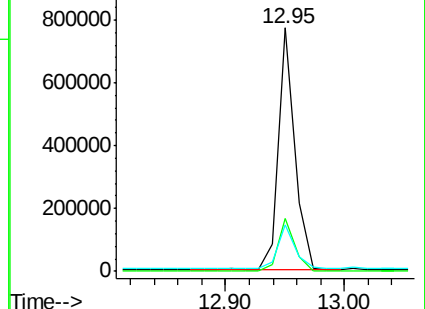
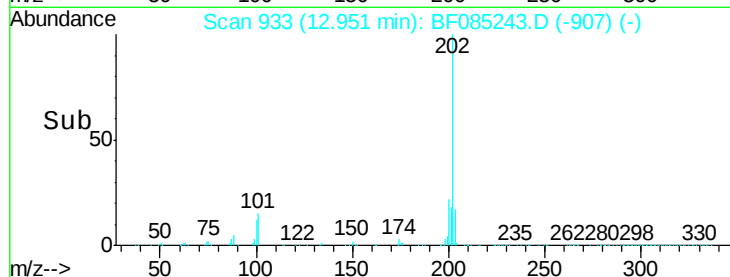
203 18.9 14.7 22.1



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: 94.32 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

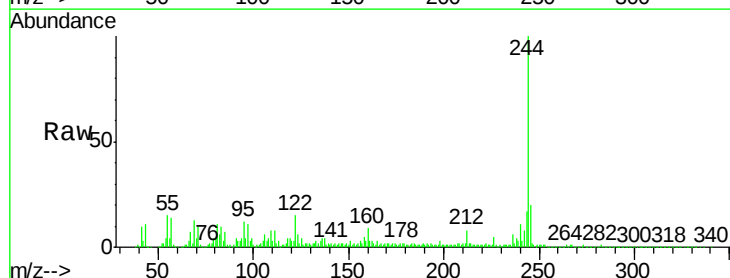
Tgt Ion:244 Resp: 845676

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

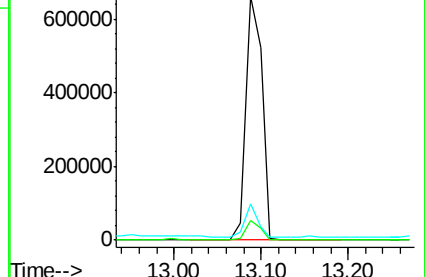
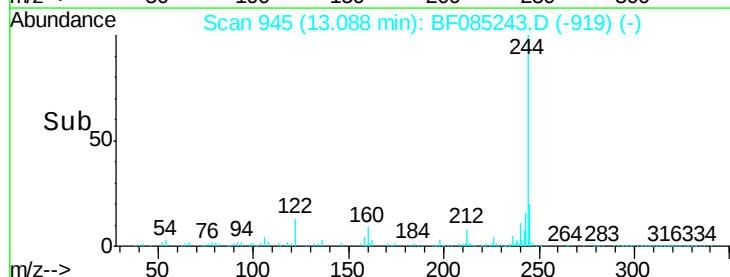
122 15.0 11.4 17.2

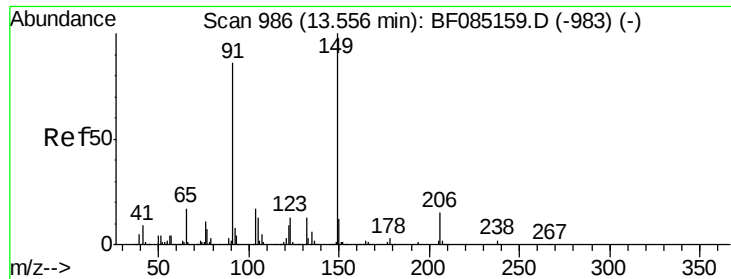


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.49 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

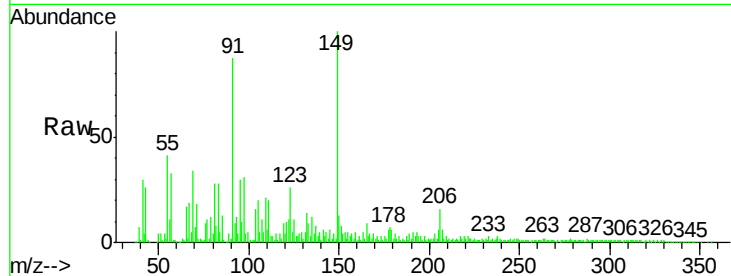
Tgt Ion:149 Resp: 323335

Ion Ratio Lower Upper

149 100

91 86.7 69.0 103.4

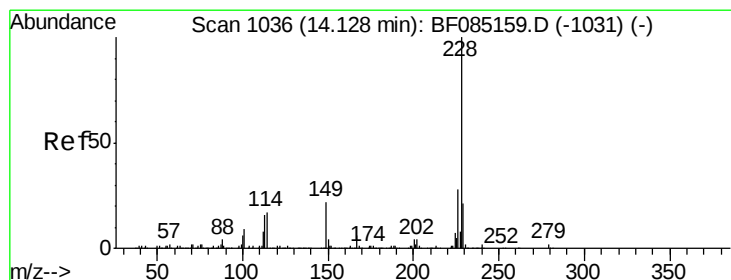
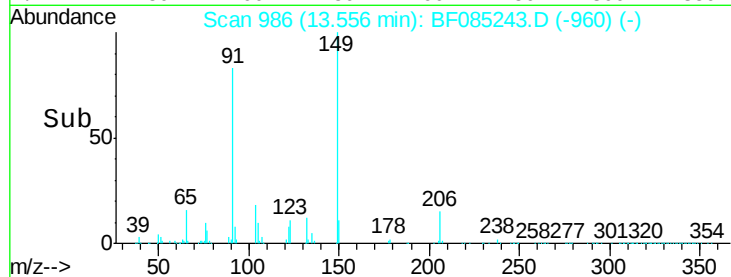
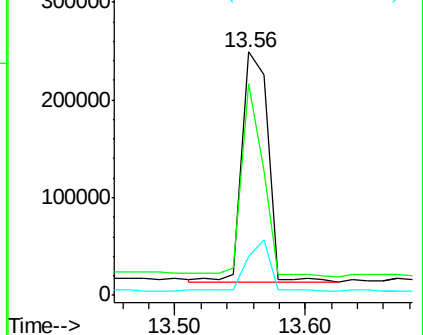
206 16.0 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.96 ng

RT: 14.14 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

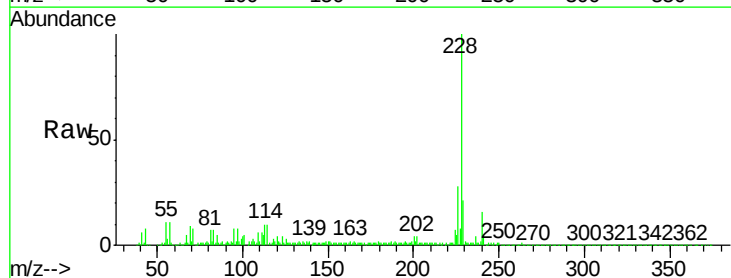
Tgt Ion:228 Resp: 634975

Ion Ratio Lower Upper

228 100

226 27.9 22.8 34.2

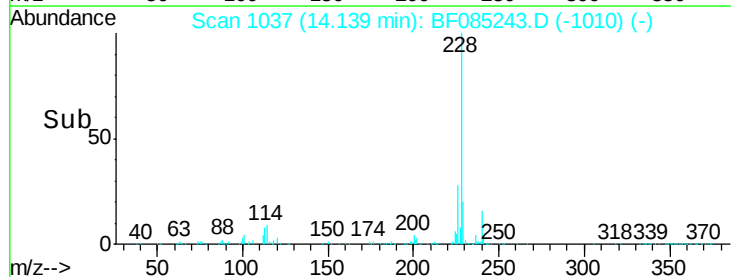
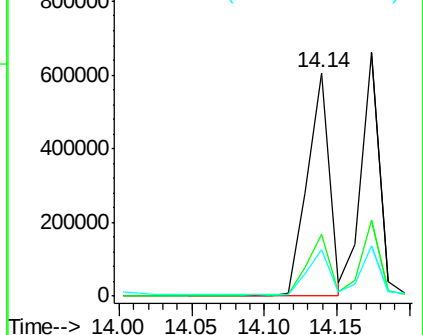
229 20.8 16.6 24.8

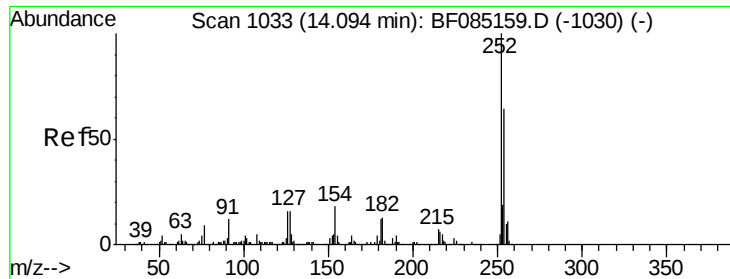


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

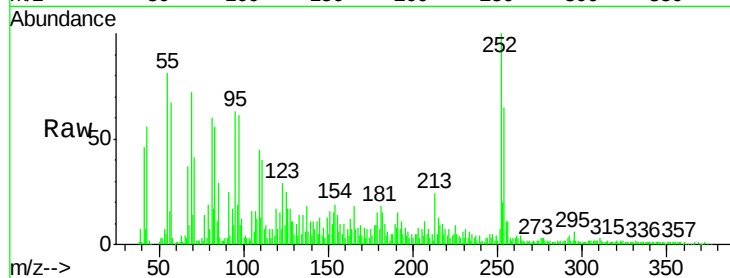




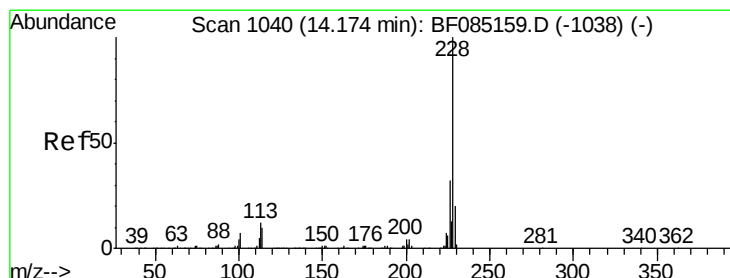
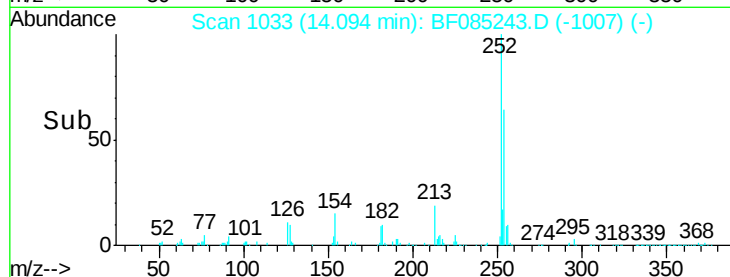
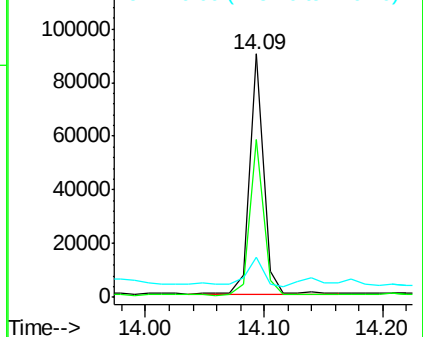
#81
 3,3'-Dichlorobenzidine
 Concen: 18.84 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 74037
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.0
 126 16.7 12.9 19.3

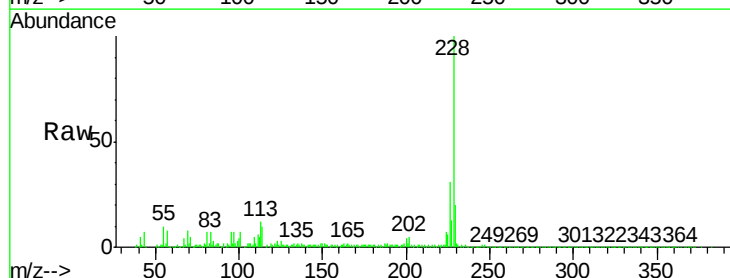


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

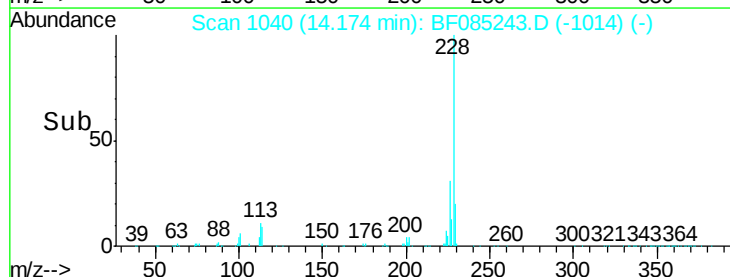
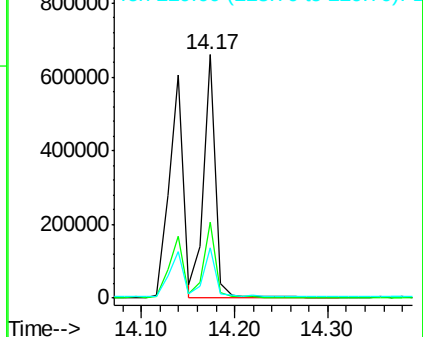


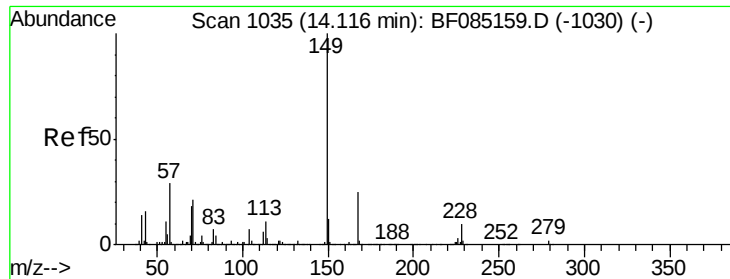
#82
 Chrysene
 Concen: 50.61 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:228 Resp: 582509
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.2 37.8
 229 20.4 16.0 24.0



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

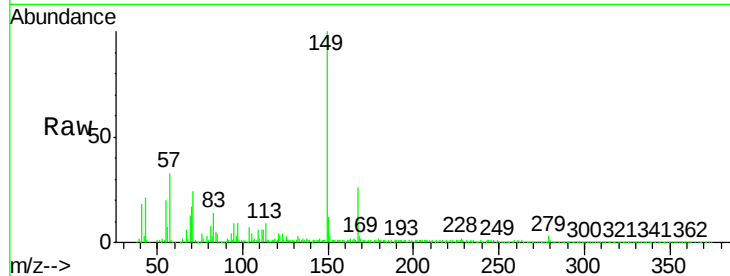




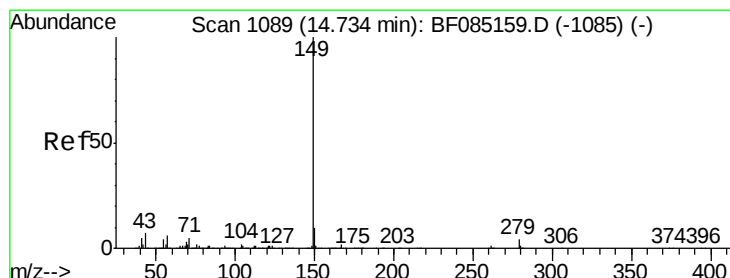
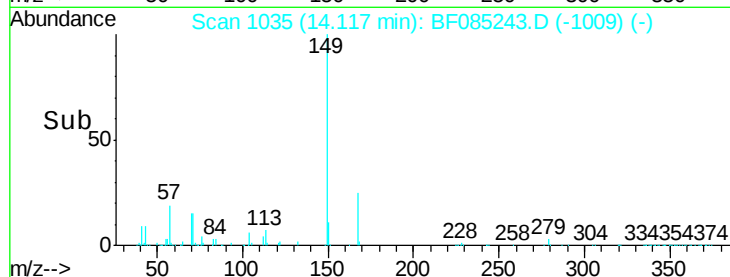
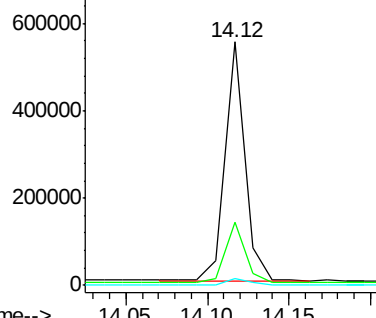
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.12 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 459481
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.3 30.5
 279 3.0 1.9 2.9#

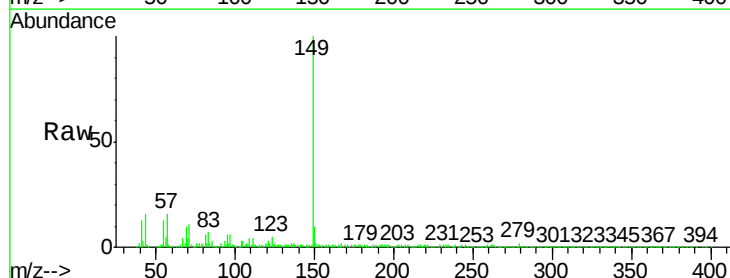


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

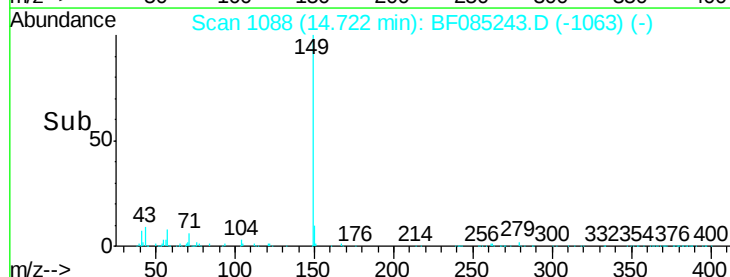
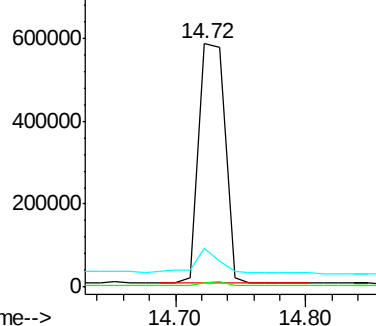


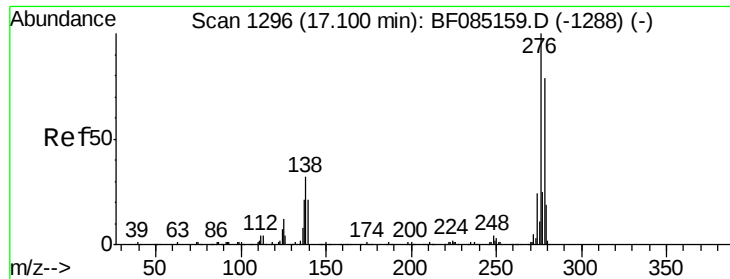
#84
 Di-n-octyl phthalate
 Concen: 56.83 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:149 Resp: 809577
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.9 7.8 11.8#



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: 64.37 ng

RT: 17.09 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

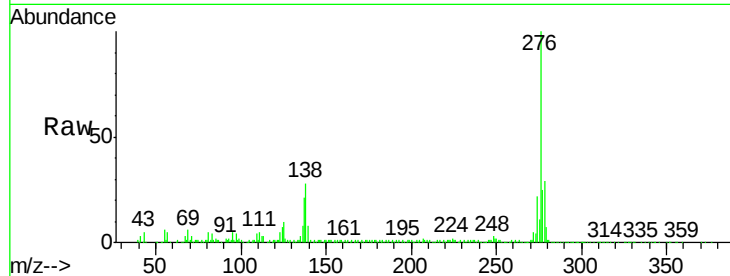
Tgt Ion:276 Resp: 578218

Ion Ratio Lower Upper

276 100

138 30.0 26.4 39.6

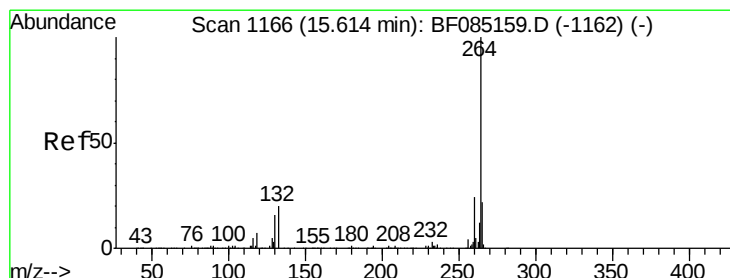
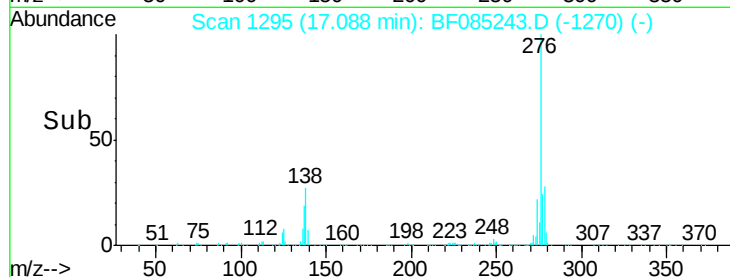
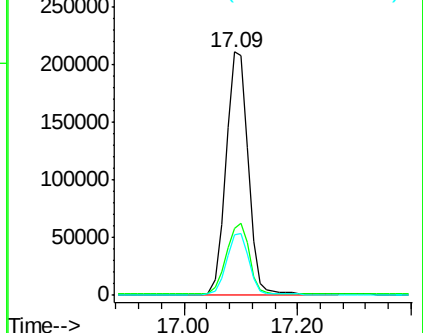
277 25.3 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

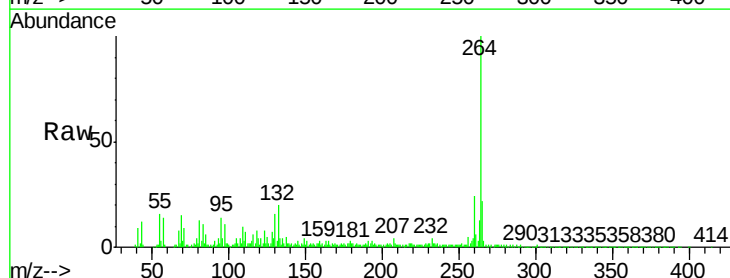
Tgt Ion:264 Resp: 196123

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

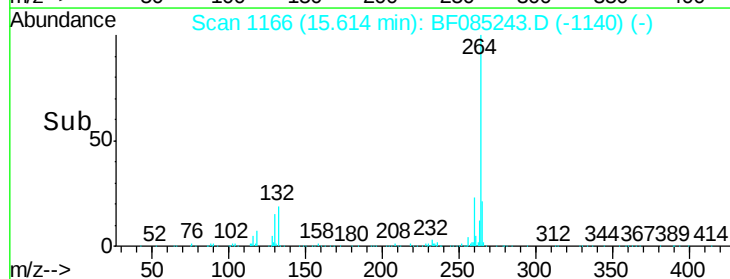
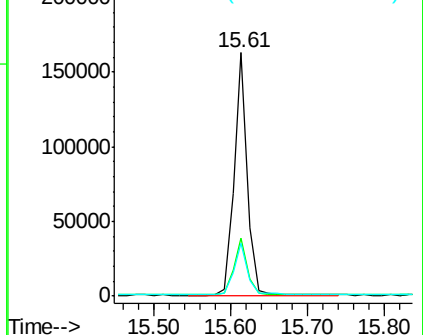
265 21.9 17.3 25.9

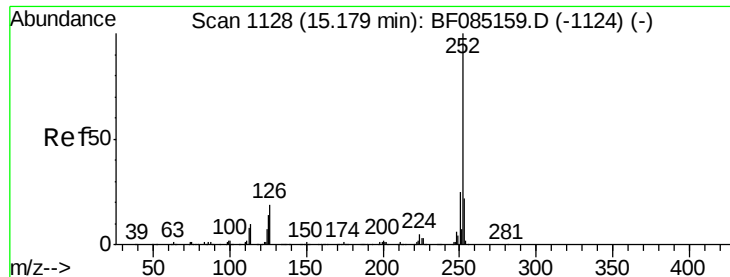


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

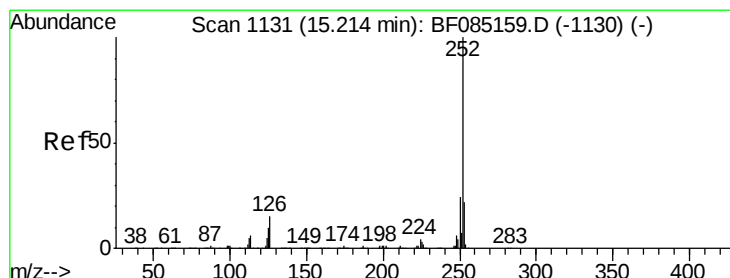
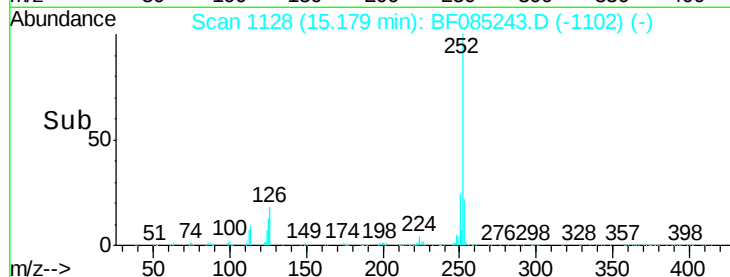
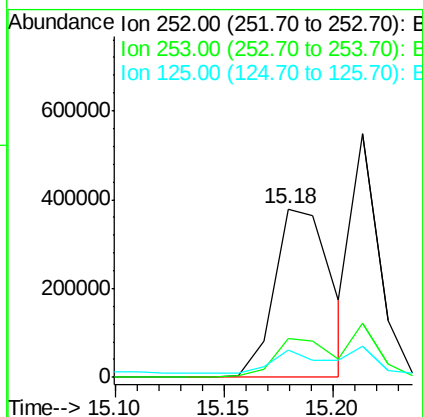
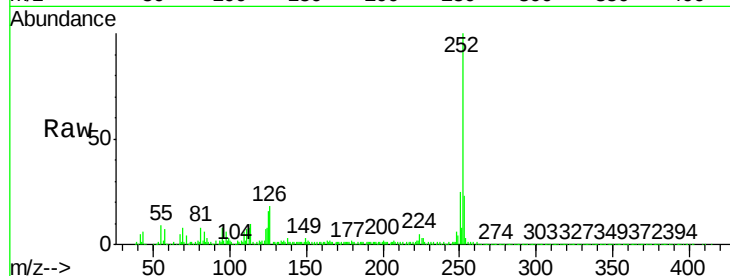




#87
Benzo(b)fluoranthene
Concen: 52.33 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

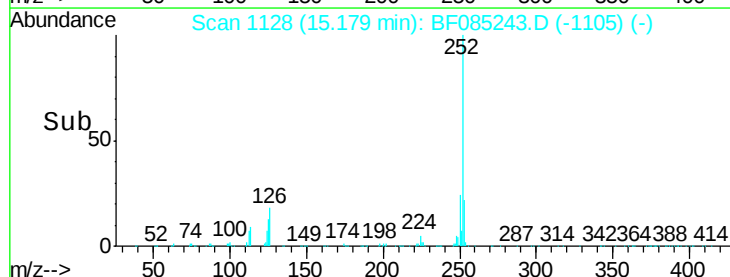
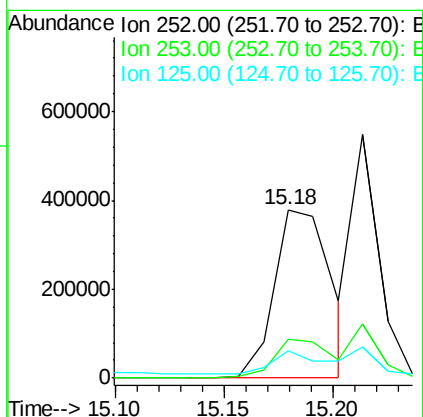
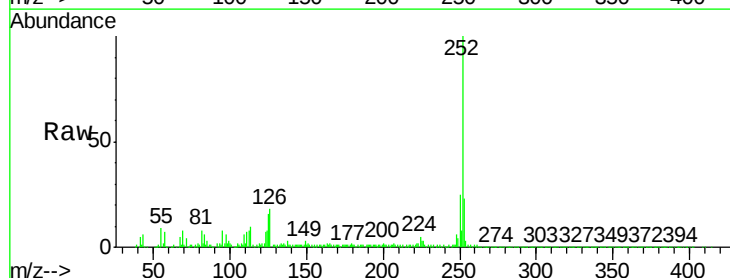
Instrument :
BNA_F
ClientSampleId :

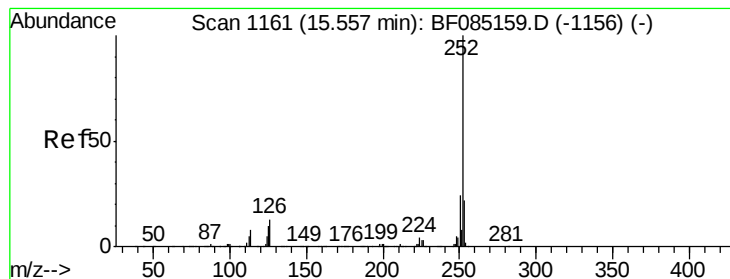
Tgt Ion: 252 Resp: 684083
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 15.8 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 64.88 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion: 252 Resp: 684083
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 15.8 10.4 15.6#





#89

Benzo(a)pyrene

Concen: 52.42 ng

RT: 15.56 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

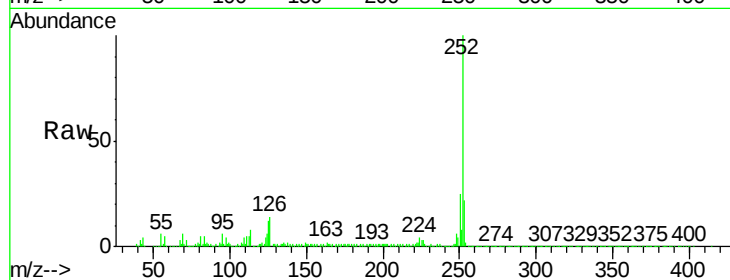
Tgt Ion:252 Resp: 567833

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

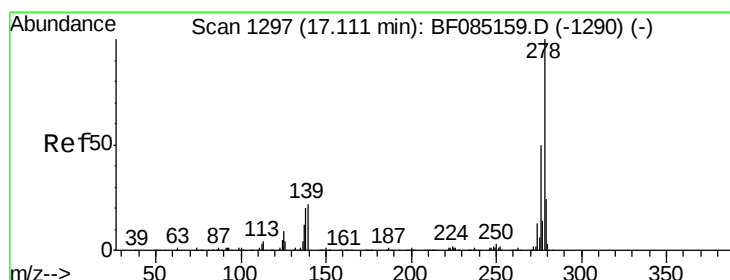
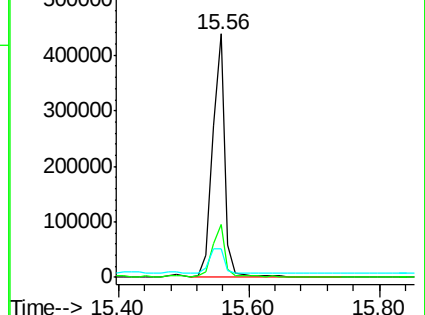
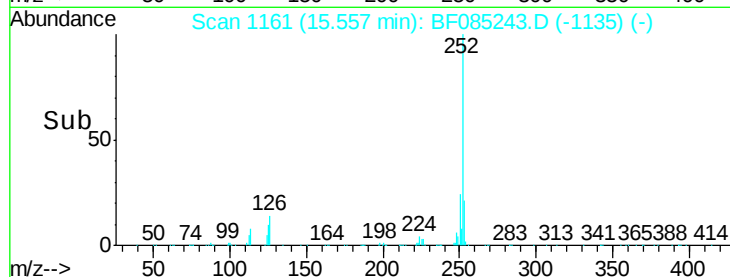
125 11.9 8.2 12.4



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: 53.51 ng

RT: 17.11 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

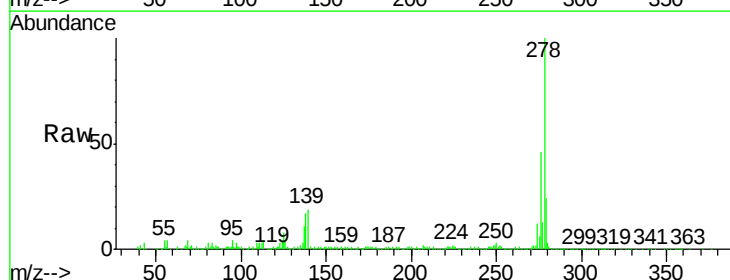
Tgt Ion:278 Resp: 494812

Ion Ratio Lower Upper

278 100

139 18.8 17.3 25.9

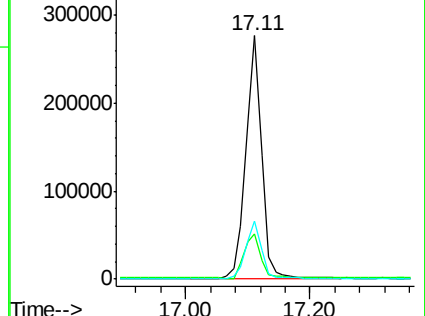
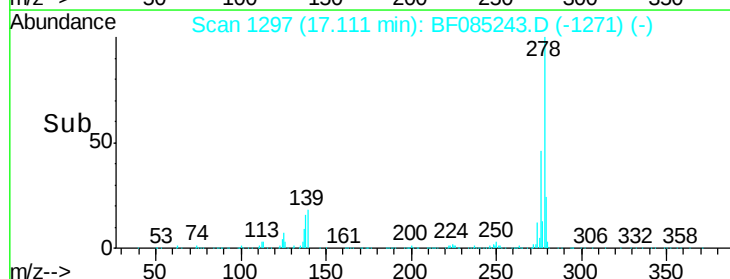
279 23.8 19.2 28.8

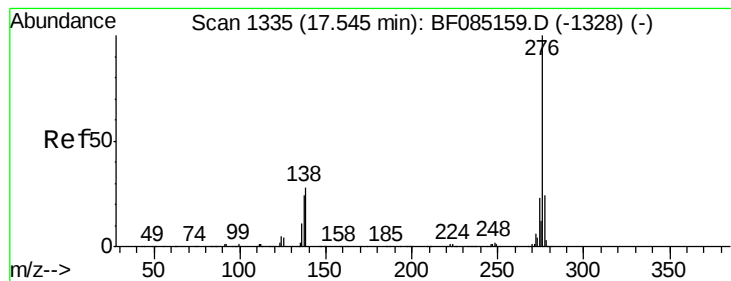


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.78 ng

RT: 17.55 min Scan# 1335

Delta R.T. 0.00 min

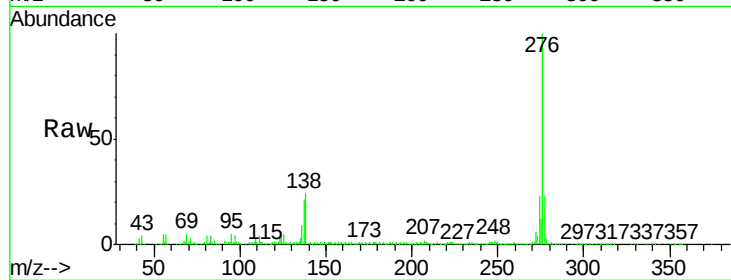
Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :



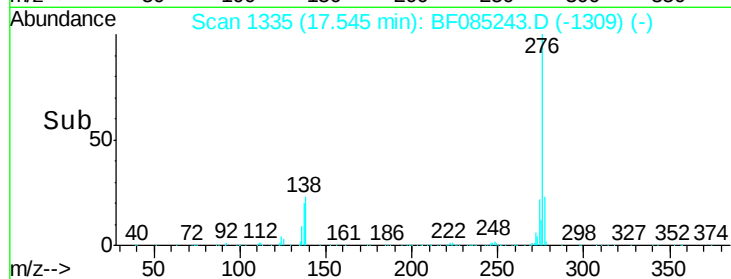
Tgt Ion: 276 Resp: 462857

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 23.9 22.5 33.7



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

