

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085884.D
 Acq On : 30 Mar 2016 14:15
 Operator : UM/SJ
 Sample : PB89268BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Quant Time: Mar 30 23:45:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98576	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	401790	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	191932	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	356981	20.00	ng	0.00
75) Chrysene-d12	13.96	240	270629	20.00	ng	-0.01
86) Perylene-d12	15.37	264	220093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	635802	107.42	ng	0.00
7) Phenol-d6	6.44	99	824569	109.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	493790	69.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	188702	103.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	930656	81.01	ng	0.00
78) Terphenyl-d14	12.91	244	819000	62.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	91844	32.50	ng	99
3) Pyridine	3.13	79	234653	34.63	ng	99
4) n-Nitrosodimethylamine	3.08	42	108006	39.82	ng	98
6) Aniline	6.46	93	206343	20.37	ng	# 59
8) 2-Chlorophenol	6.58	128	270619	39.35	ng	98
9) Benzaldehyde	6.34	77	36246	7.99	ng	99
10) Phenol	6.46	94	284753	33.40	ng	# 69
11) bis(2-Chloroethyl)ether	6.54	93	249381	38.01	ng	97
12) 1,3-Dichlorobenzene	6.97	146	247685	33.45	ng	99
13) 1,4-Dichlorobenzene	6.81	146	283281	37.72	ng	98
14) 1,2-Dichlorobenzene	6.97	146	247995	35.43	ng	95
15) Benzyl Alcohol	6.95	79	211446	42.11	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	305000	35.04	ng	92
17) 2-Methylphenol	7.06	107	222577	40.43	ng	100
18) Hexachloroethane	7.30	117	100553	36.56	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	164077	36.41	ng	92
20) 3+4-Methylphenols	7.21	107	265128	40.05	ng	# 78
22) Acetophenone	7.21	105	337272	36.03	ng	# 95
24) Nitrobenzene	7.38	77	278870	37.92	ng	96
25) Isophorone	7.62	82	500492	36.41	ng	98
26) 2-Nitrophenol	7.70	139	143364	38.96	ng	99
27) 2,4-Dimethylphenol	7.75	122	243377	37.84	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	319060	40.74	ng	99
29) 2,4-Dichlorophenol	7.94	162	203426	37.63	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	212884	35.47	ng	98
31) Naphthalene	8.10	128	732890	36.20	ng	99
32) Benzoic acid	7.88	122	138496	32.42	ng	91
33) 4-Chloroaniline	8.16	127	109480	13.24	ng	97
34) Hexachlorobutadiene	8.22	225	112668	34.54	ng	98
35) Caprolactam	8.53	113	47758	24.94	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	240070	38.01	ng	95
37) 2-Methylnaphthalene	8.80	142	522974	44.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	192095	33.75	ng	98
40) Hexachlorocyclopentadiene	8.95	237	143677	62.80	ng	99

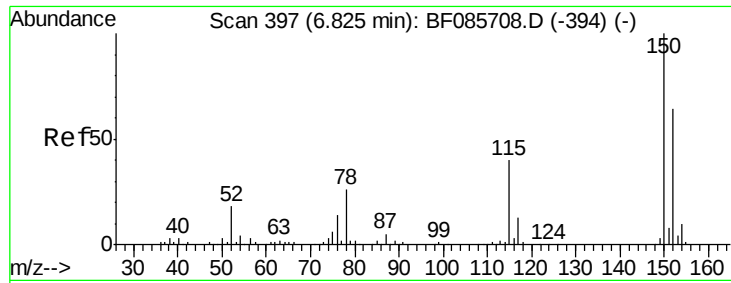
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	139851	36.38	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	140316	34.81	ng	97
45) 1,1'-Biphenyl	9.26	154	543824	33.58	ng	99
46) 2-Chloronaphthalene	9.29	162	435523	36.57	ng	97
47) 2-Nitroaniline	9.38	65	127200	34.93	ng	89
48) Acenaphthylene	9.70	152	741602	38.22	ng	99
49) Dimethylphthalate	9.57	163	530220	36.41	ng	99
50) 2,6-Dinitrotoluene	9.64	165	112658	35.94	ng	# 60
51) Acenaphthene	9.88	154	433037	36.53	ng	99
52) 3-Nitroaniline	9.80	138	72878	20.31	ng	94
53) 2,4-Dinitrophenol	9.91	184	93066	60.37	ng	97
54) Dibenzofuran	10.05	168	640262	41.74	ng	99
55) 4-Nitrophenol	9.98	139	156748	67.06	ng	# 78
56) 2,4-Dinitrotoluene	10.04	165	143933	36.13	ng	# 54
57) Fluorene	10.39	166	505166	39.61	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	113938	40.66	ng	95
59) Diethylphthalate	10.26	149	520411	36.17	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	221931	35.59	ng	98
61) 4-Nitroaniline	10.41	138	123263	35.92	ng	91
62) Azobenzene	10.54	77	570277	41.25	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	76693	36.68	ng	80
65) n-Nitrosodiphenylamine	10.50	169	453040	40.07	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	140948	38.59	ng	96
67) Hexachlorobenzene	10.94	284	151252	39.60	ng	98
68) Atrazine	11.03	200	142757	37.40	ng	99
69) Pentachlorophenol	11.13	266	133508	71.20	ng	98
70) Phenanthrene	11.35	178	759414	41.43	ng	99
71) Anthracene	11.40	178	704838	36.63	ng	100
72) Carbazole	11.56	167	662941	41.04	ng	99
73) Di-n-butylphthalate	11.89	149	853652	38.51	ng	99
74) Fluoranthene	12.53	202	724236	37.17	ng	100
76) Benzidine	12.65	184	225184	23.63	ng	97
77) Pyrene	12.76	202	739588	33.25	ng	98
79) Butylbenzylphthalate	13.39	149	352646	37.85	ng	99
80) Benzo(a)anthracene	13.95	228	595271	38.58	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	93210	8.70	ng	99
82) Chrysene	13.99	228	567525	36.51	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	431560	38.69	ng	# 94
84) Di-n-octyl phthalate	14.55	149	702676	42.36	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	455130	37.92	ng	99
87) Benzo(b)fluoranthene	14.97	252	1003308	72.36	ng	97
88) Benzo(k)fluoranthene	14.97	252	1003514	80.28	ng	99
89) Benzo(a)pyrene	15.32	252	471734	38.32	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	384770	33.64	ng	97
91) Benzo(g,h,i)perylene	17.17	276	379575	32.77	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. 0.00 min

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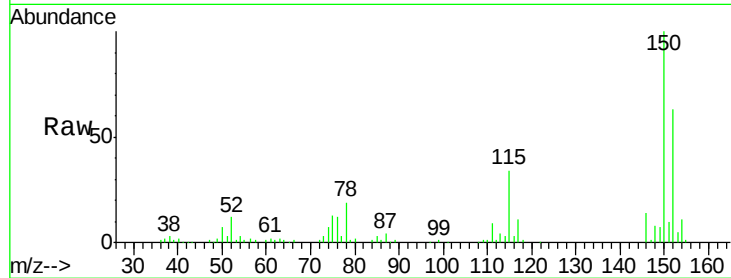
Tgt Ion:152 Resp: 98576

Ion Ratio Lower Upper

152 100

150 158.9 124.2 186.2

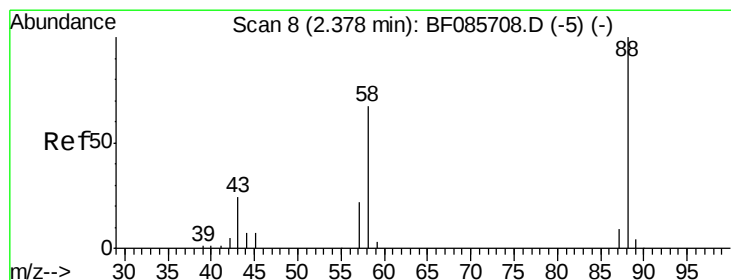
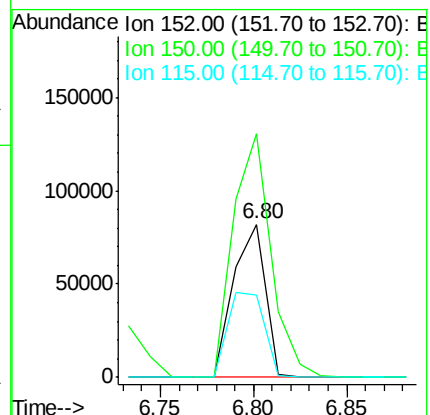
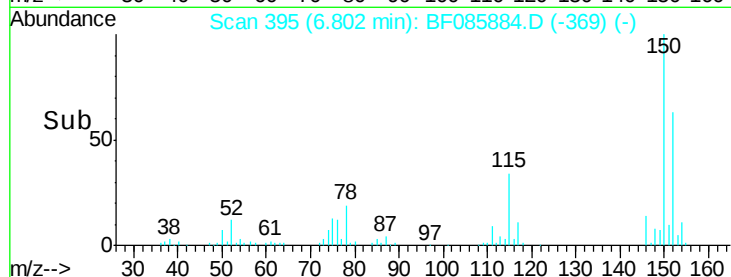
115 53.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.50 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

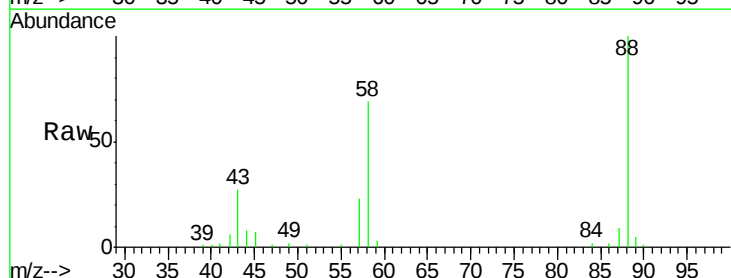
Tgt Ion: 88 Resp: 91844

Ion Ratio Lower Upper

88 100

58 68.6 54.2 81.2

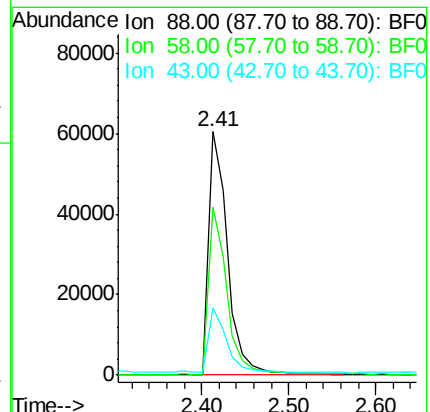
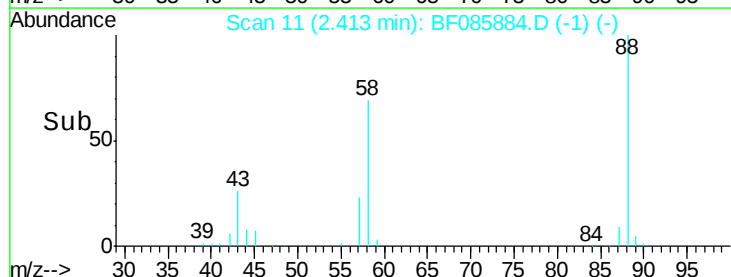
43 24.1 19.3 28.9

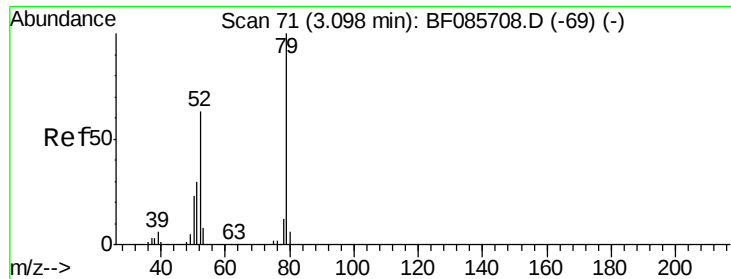


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.63 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

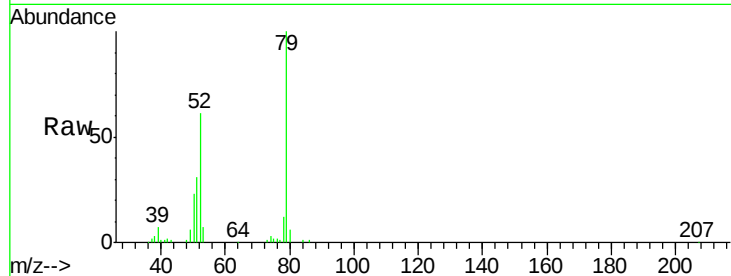
Tgt Ion: 79 Resp: 234653

Ion Ratio Lower Upper

79 100

52 61.3 49.8 74.6

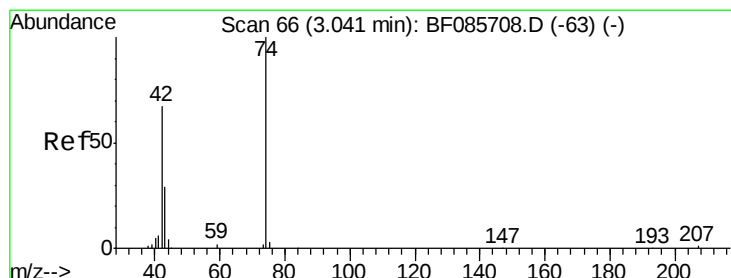
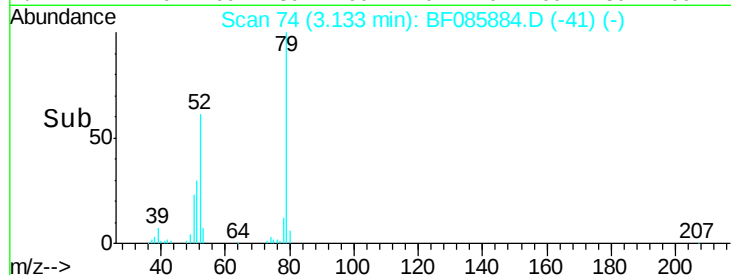
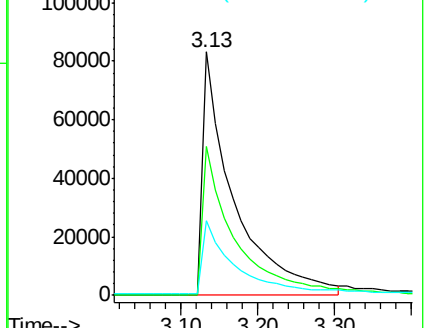
51 30.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.82 ng

RT: 3.08 min Scan# 69

Delta R.T. 0.07 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

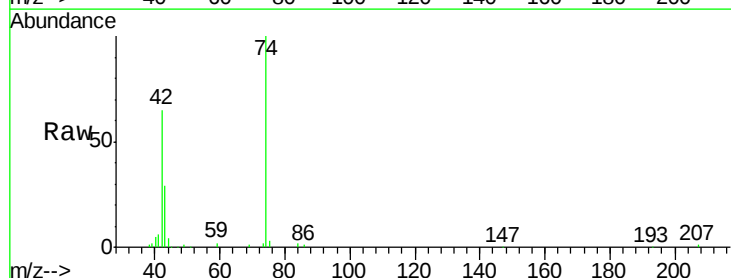
Tgt Ion: 42 Resp: 108006

Ion Ratio Lower Upper

42 100

74 154.7 121.4 182.2

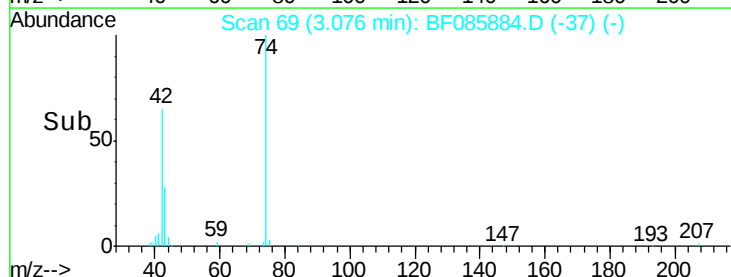
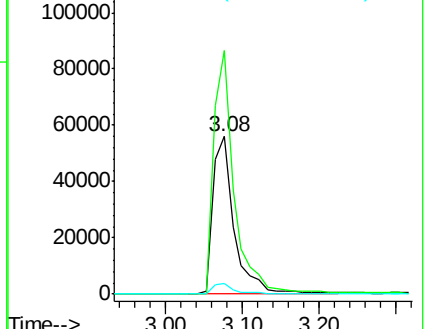
44 6.8 5.6 8.4

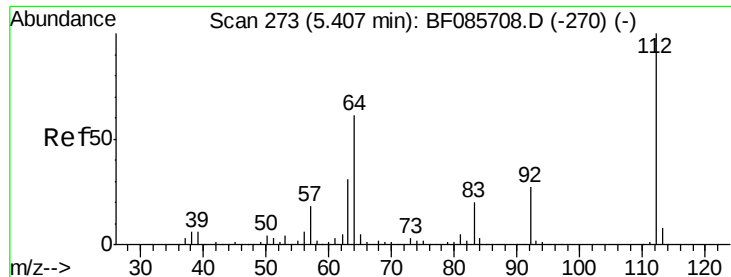


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.42 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

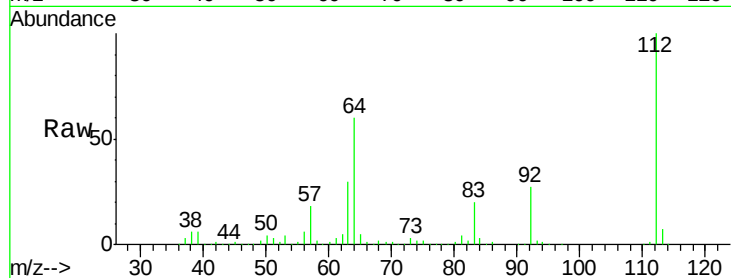
Tgt Ion: 112 Resp: 635802

Ion Ratio Lower Upper

112 100

64 59.7 39.9 59.9

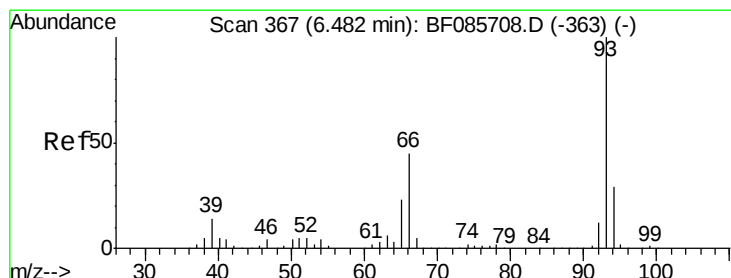
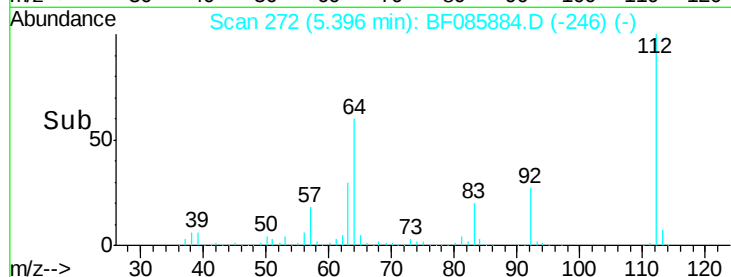
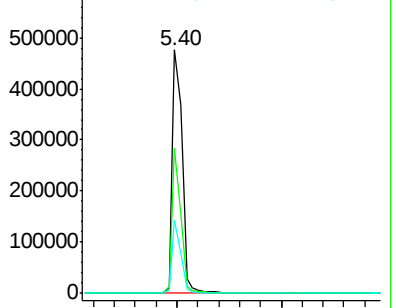
63 30.4 20.2 30.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.37 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

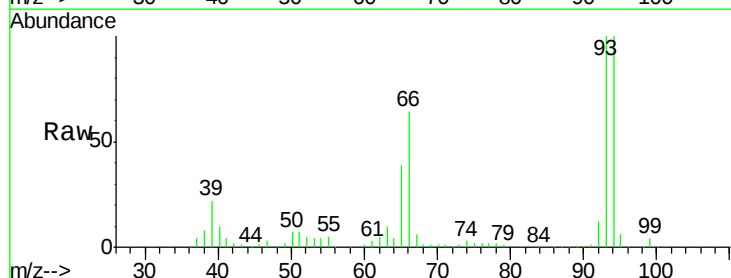
Tgt Ion: 93 Resp: 206343

Ion Ratio Lower Upper

93 100

66 64.1 31.4 47.2#

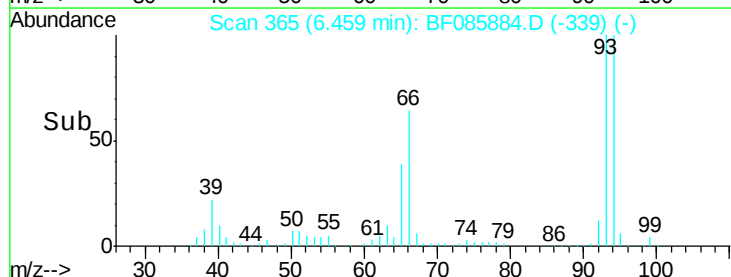
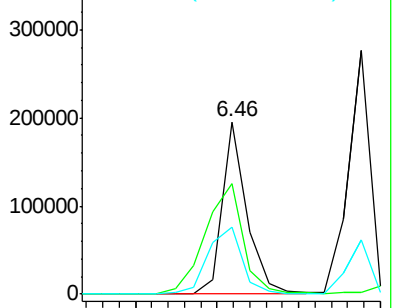
65 38.7 15.7 23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.57 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085884.D

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ClientSampleId :

PB89268BSD

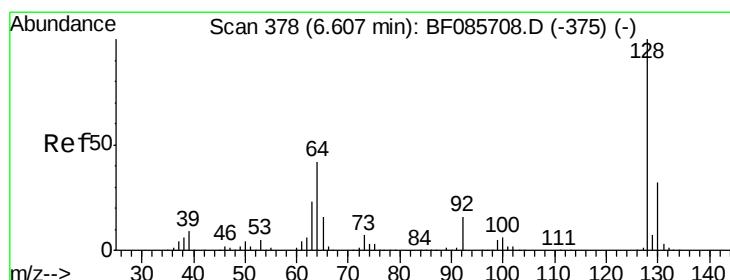
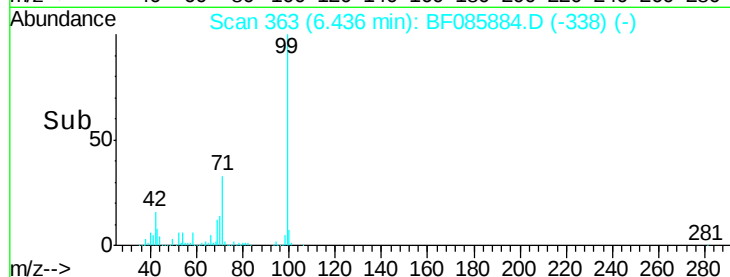
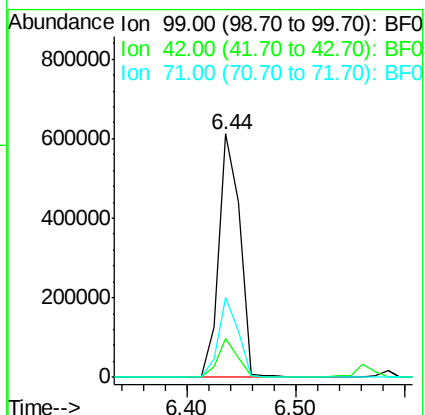
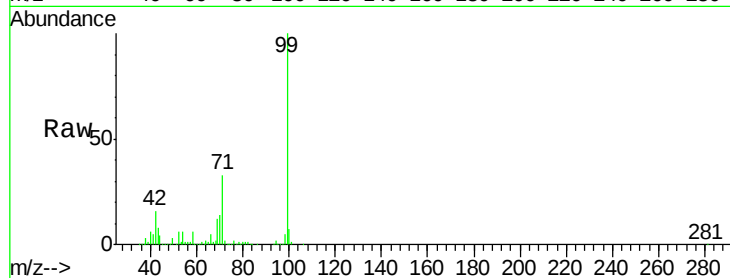
Tgt Ion: 99 Resp: 824569

Ion Ratio Lower Upper

99 100

42 16.0 11.1 16.7

71 32.5 24.9 37.3



#8

2-Chlorophenol

Concen: 39.35 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

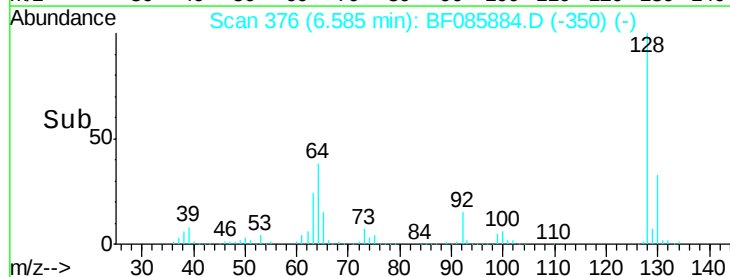
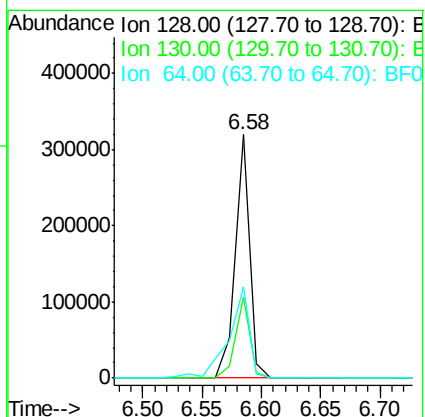
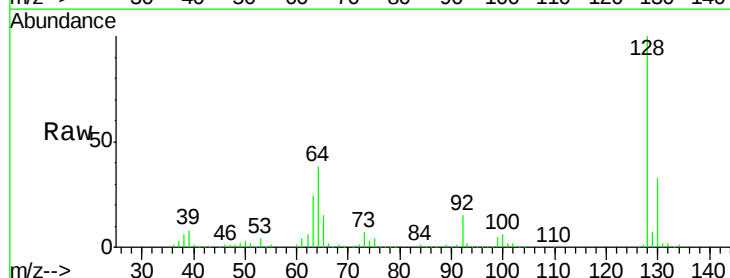
Tgt Ion: 128 Resp: 270619

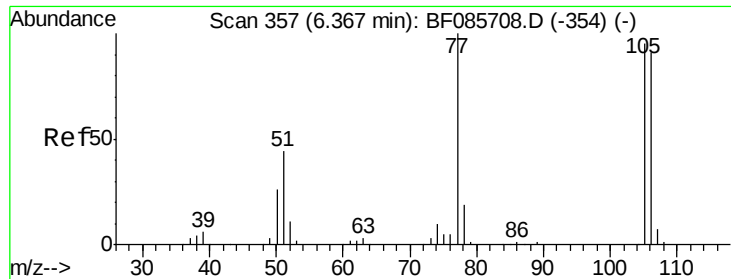
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 37.7 20.2 60.2





#9

Benzaldehyde

Concen: 7.99 ng

RT: 6.34 min Scan# 355

Delta R.T. 0.00 min

Lab File: BF085884.D

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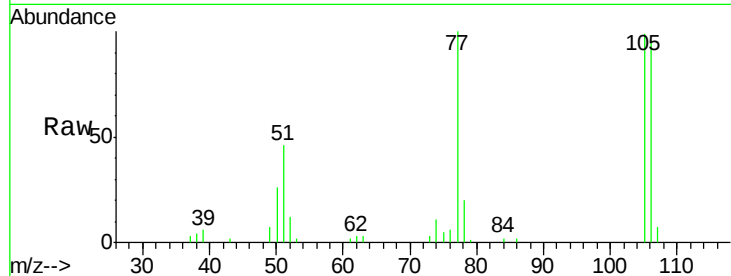
Tgt Ion: 77 Resp: 36246

Ion Ratio Lower Upper

77 100

105 99.3 80.1 120.1

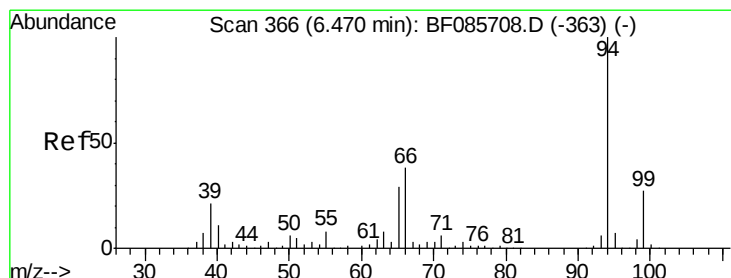
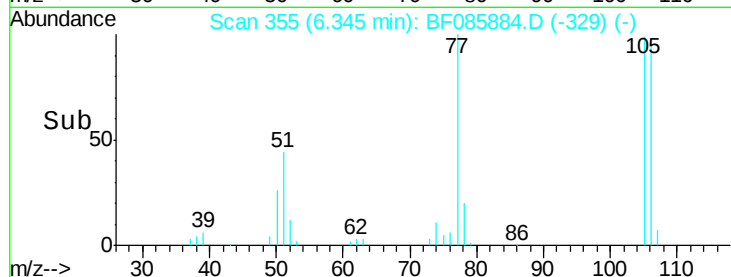
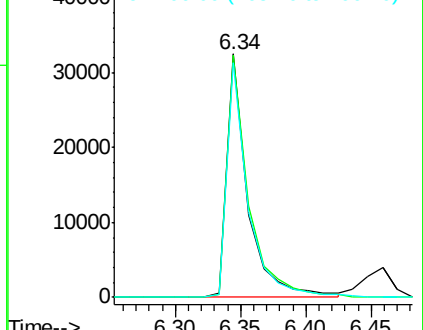
106 96.2 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.40 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

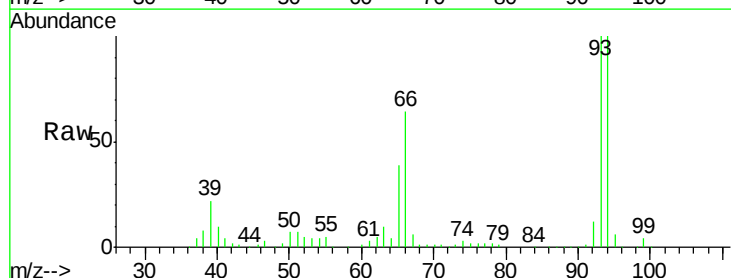
Tgt Ion: 94 Resp: 284753

Ion Ratio Lower Upper

94 100

65 38.6 8.6 48.6

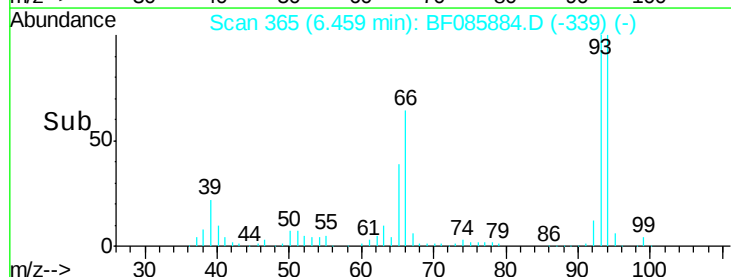
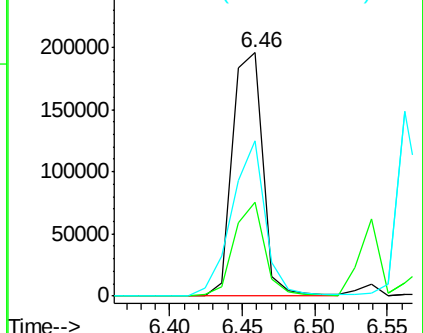
66 64.0 20.0 60.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

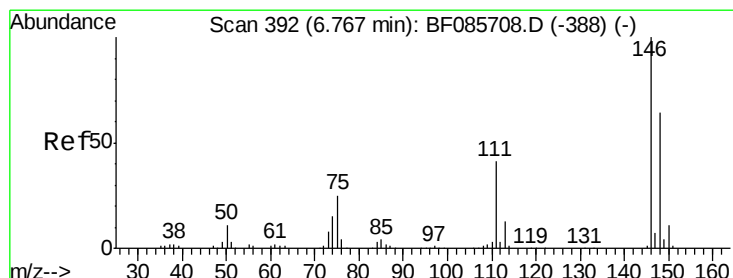
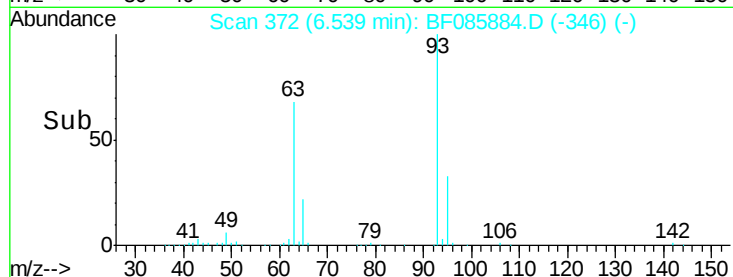
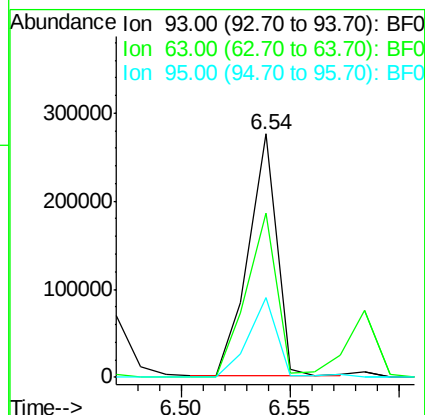
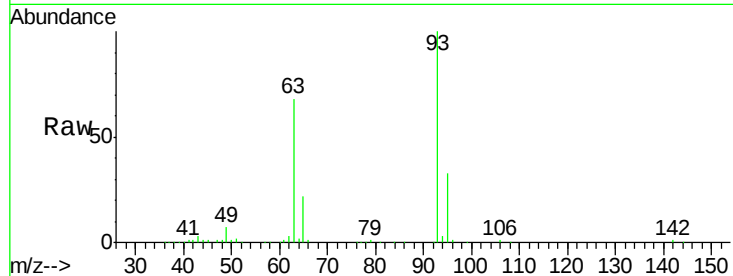




#11
bis(2-Chloroethyl)ether
Concen: 38.01 ng
RT: 6.54 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

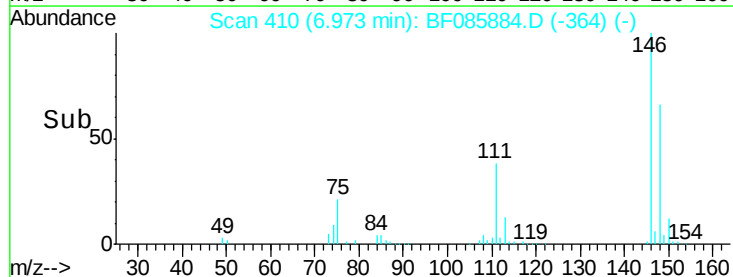
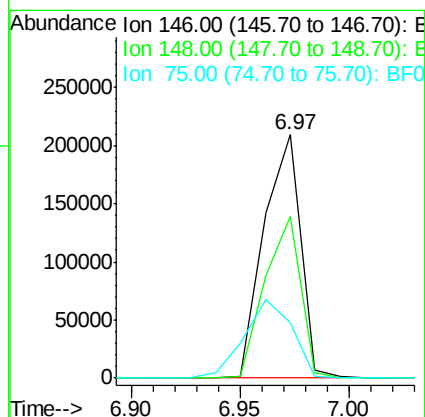
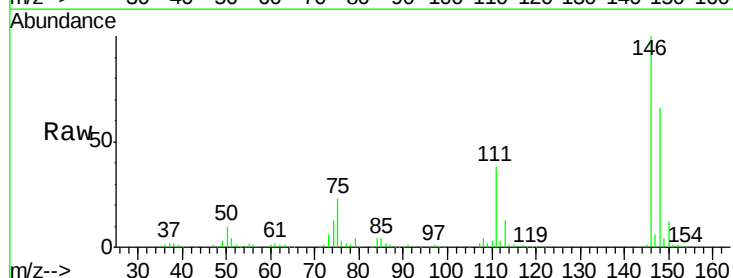
Instrument :
BNA_F
ClientSampleId :
PB89268BSD

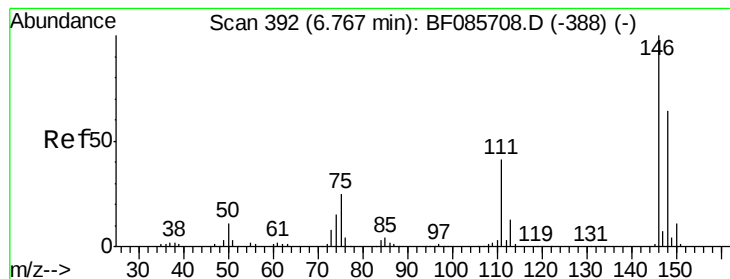
Tgt Ion: 93 Resp: 249381
Ion Ratio Lower Upper
93 100
63 67.5 50.9 90.9
95 32.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.45 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.23 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion: 146 Resp: 247685
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 22.6 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 37.72 ng

RT: 6.81 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

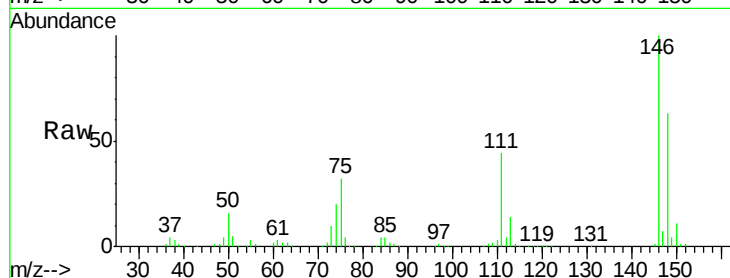
Tgt Ion:146 Resp: 283281

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

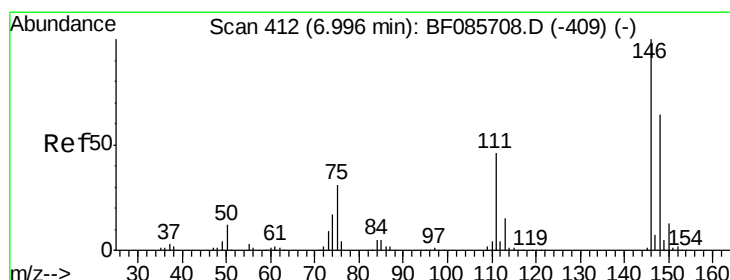
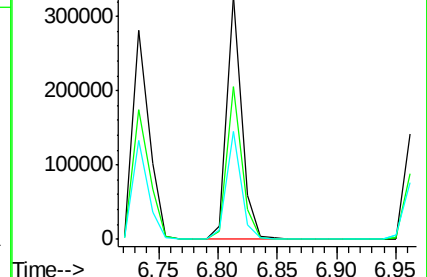
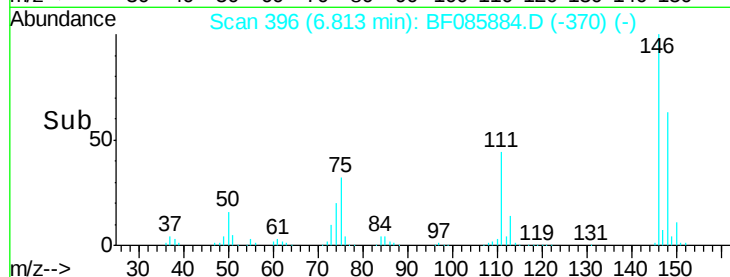
111 44.2 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.43 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

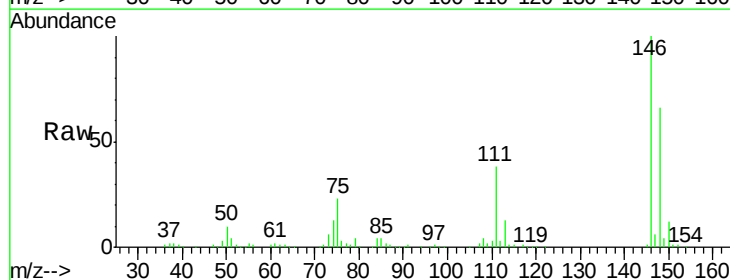
Tgt Ion:146 Resp: 247995

Ion Ratio Lower Upper

146 100

148 66.2 51.4 77.2

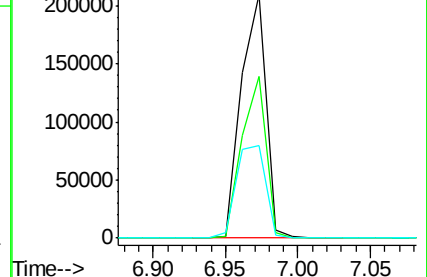
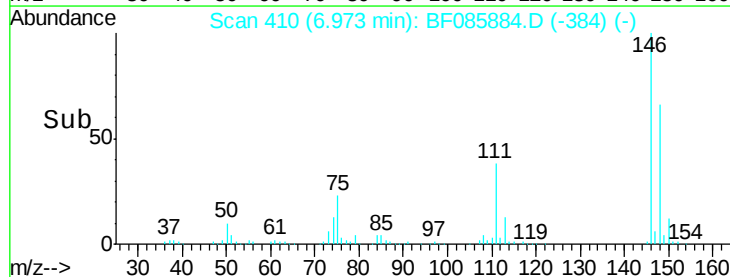
111 38.0 34.6 52.0

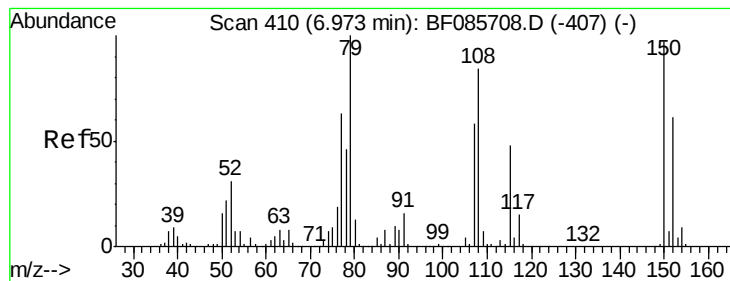


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.11 ng

RT: 6.95 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

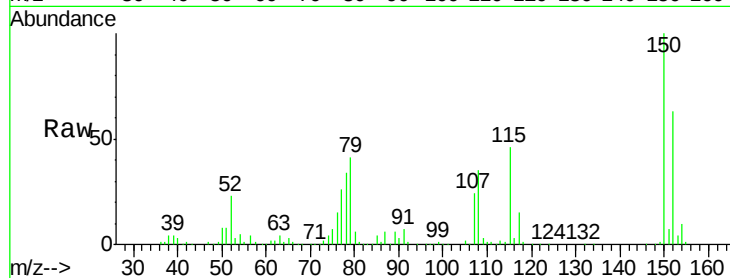
Tgt Ion: 79 Resp: 211446

Ion Ratio Lower Upper

79 100

108 86.4 61.8 92.6

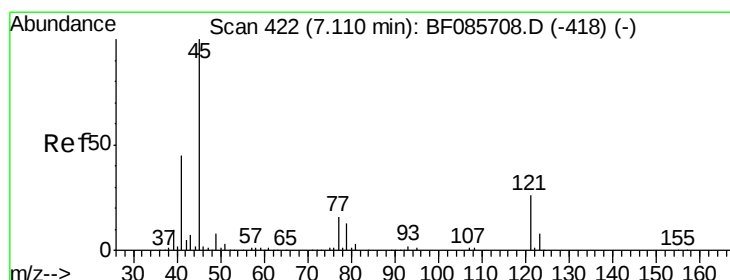
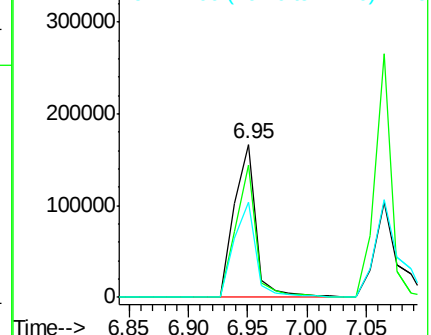
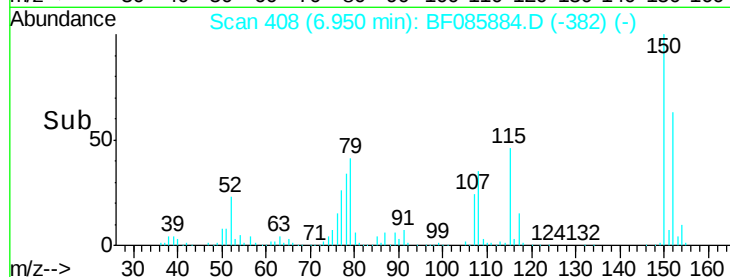
77 62.4 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.04 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

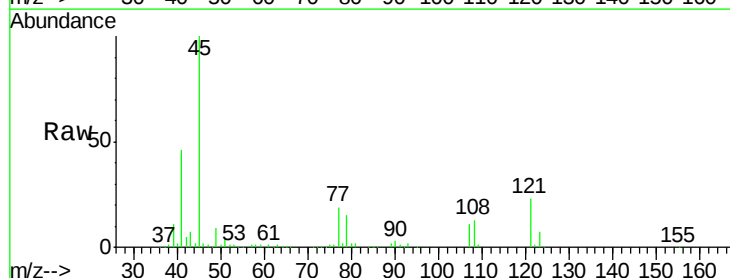
Tgt Ion: 45 Resp: 305000

Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.7

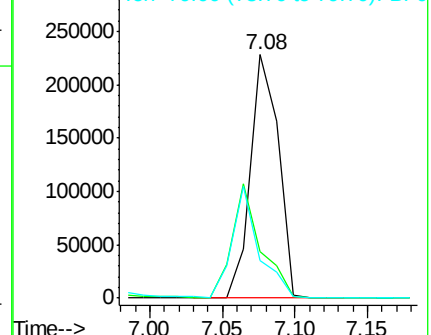
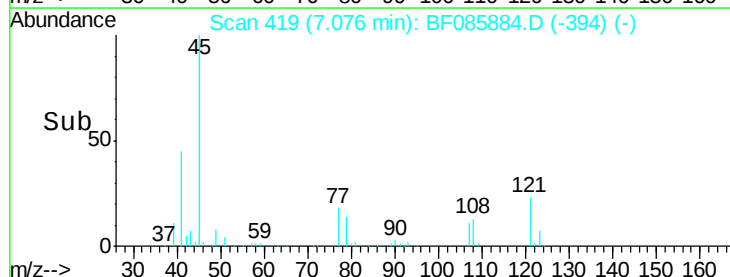
79 15.4 0.0 32.2

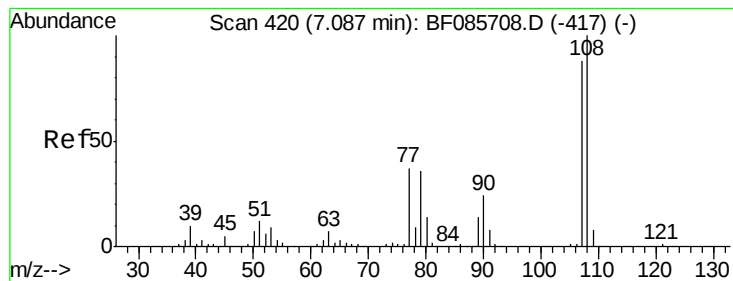


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.43 ng

RT: 7.06 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

Tgt Ion:107 Resp: 222577

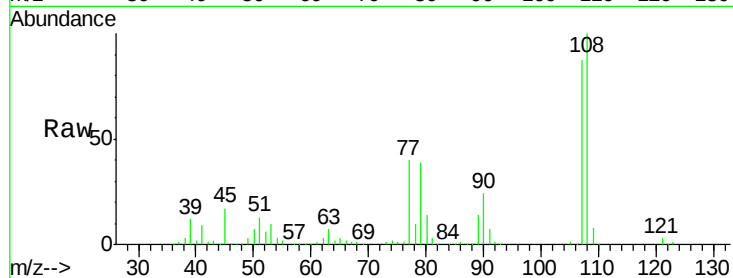
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 46.1 36.2 54.2

79 44.9 35.8 53.8

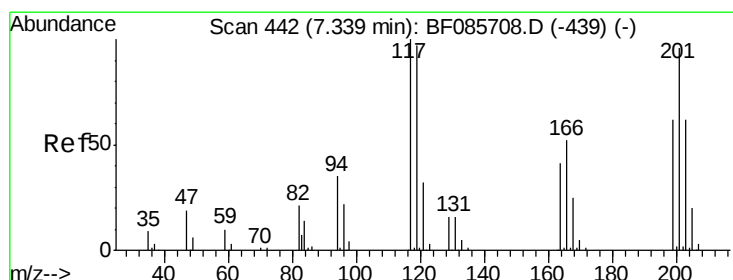
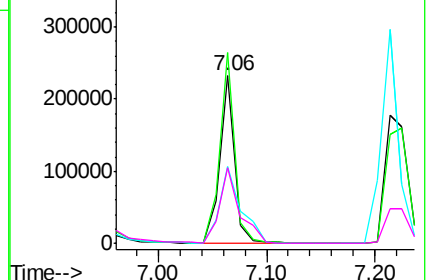
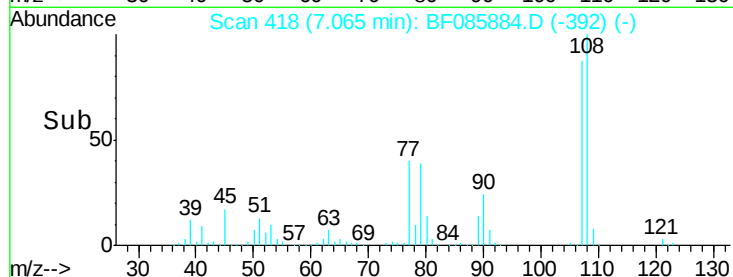


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.56 ng

RT: 7.30 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

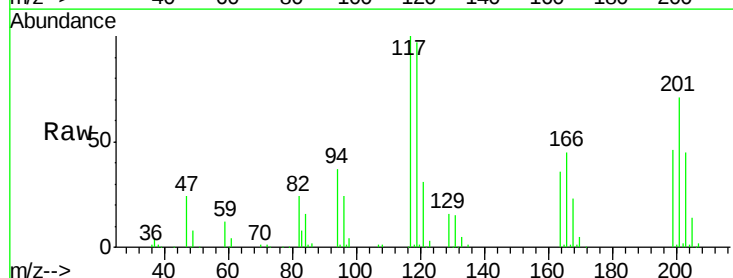
Tgt Ion:117 Resp: 100553

Ion Ratio Lower Upper

117 100

119 96.9 76.7 115.1

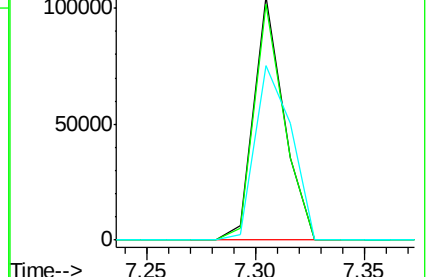
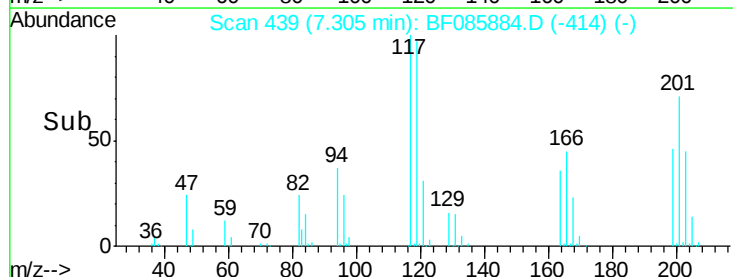
201 71.5 83.3 124.9#

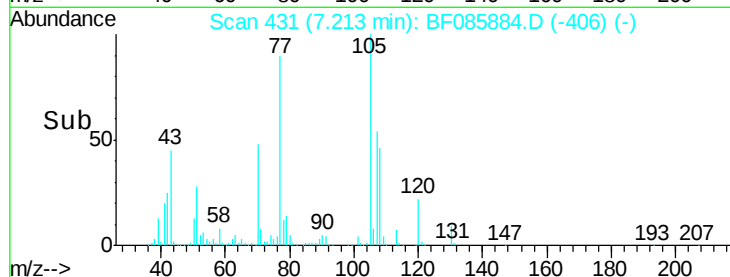
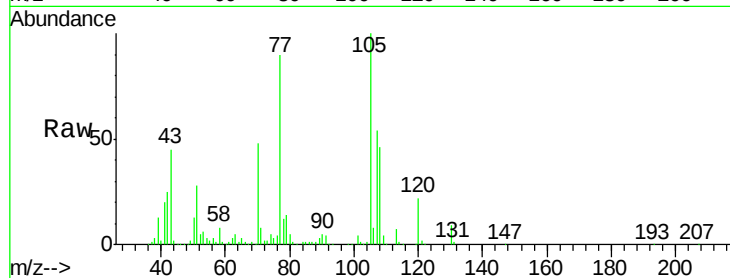
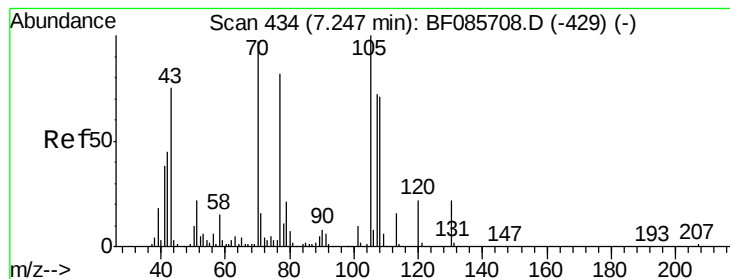


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.41 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

Tgt Ion: 70 Resp: 164077

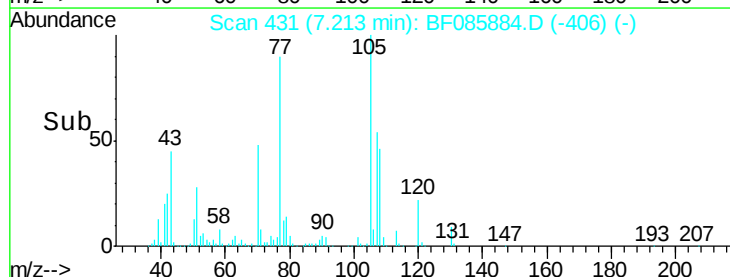
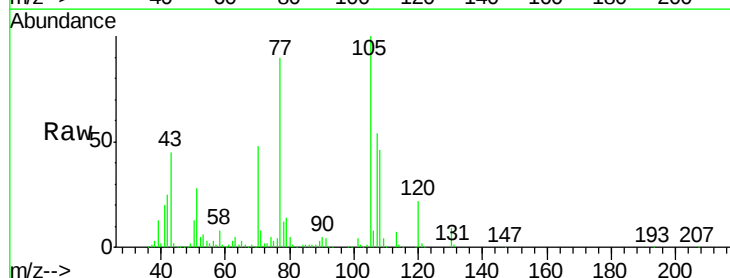
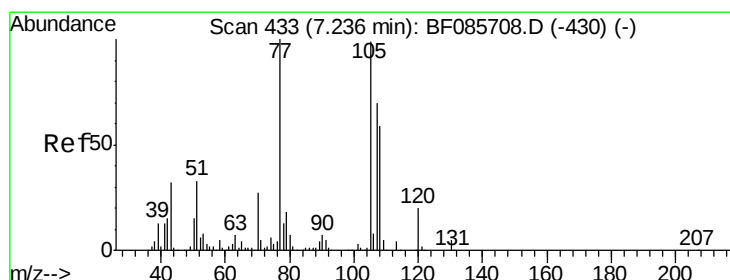
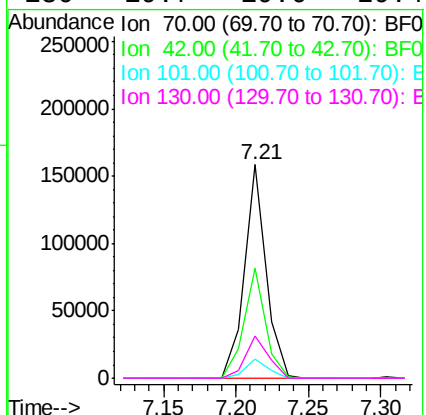
Ion Ratio Lower Upper

70 100

42 51.6 37.1 55.7

101 9.2 8.6 12.8

130 19.7 19.6 29.4



#20

3+4-Methylphenols

Concen: 40.05 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion: 107 Resp: 265128

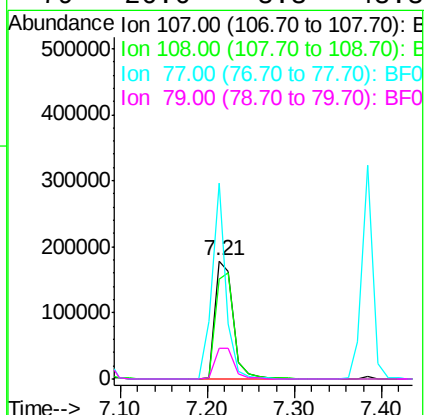
Ion Ratio Lower Upper

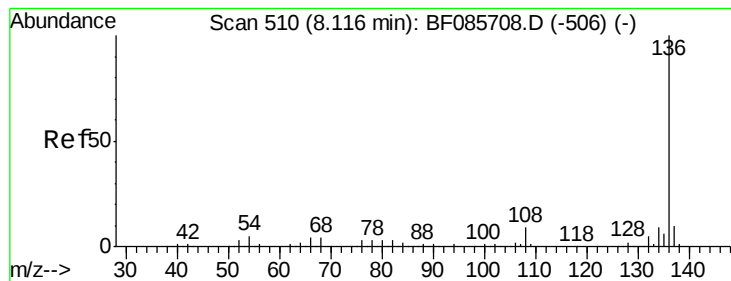
107 100

108 84.8 69.3 109.3

77 166.4 101.7 141.7#

79 26.6 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

Tgt Ion:136 Resp: 401790

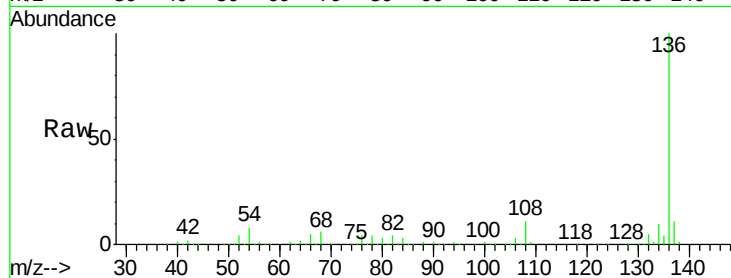
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.7 7.4 11.0

68 6.2 5.8 8.8

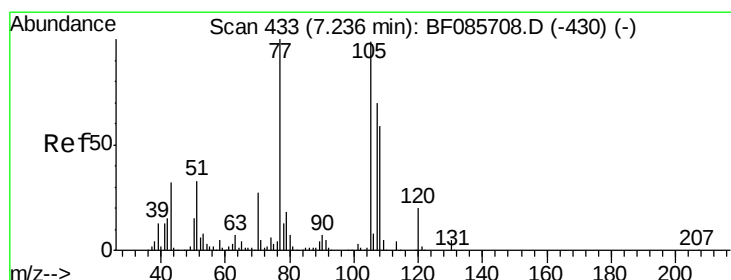
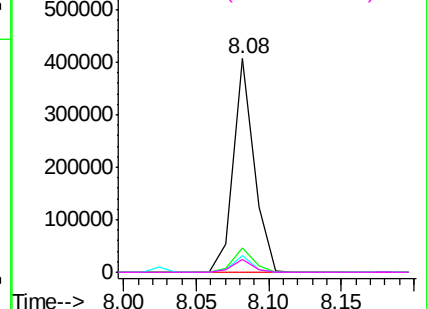
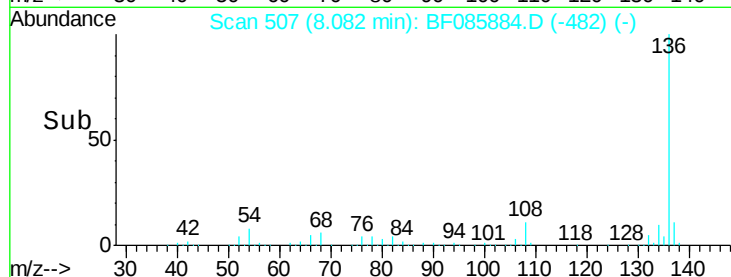


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.03 ng

RT: 7.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:105 Resp: 337272

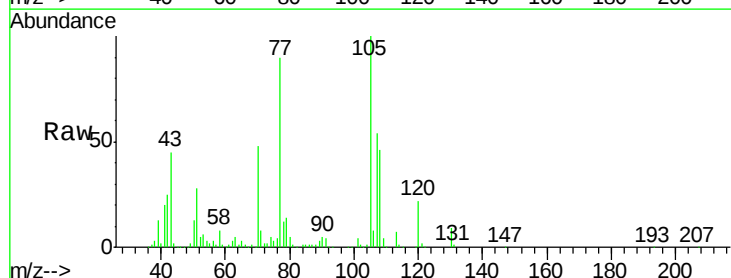
Ion Ratio Lower Upper

105 100

71 7.9 3.6 5.4#

51 27.9 25.4 38.0

120 21.7 16.9 25.3

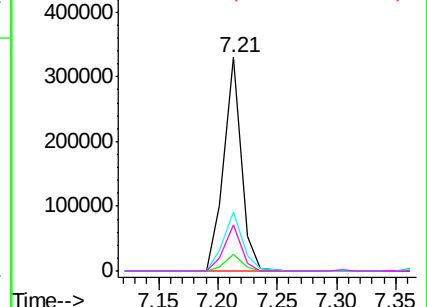
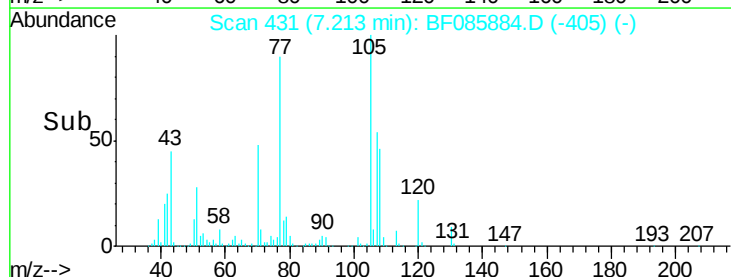


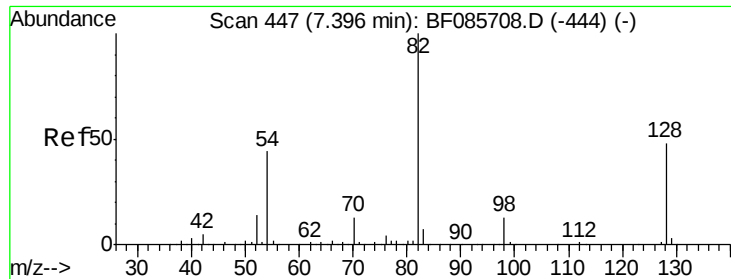
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

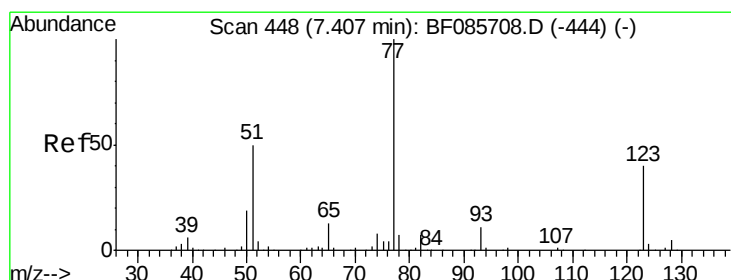
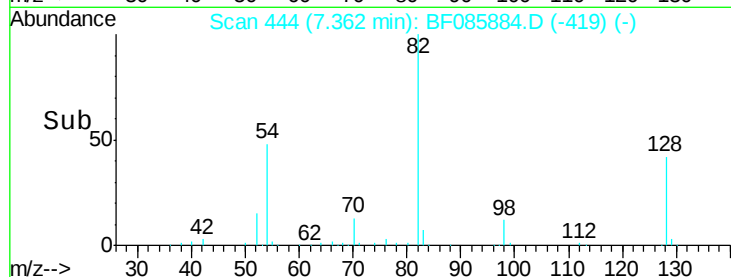
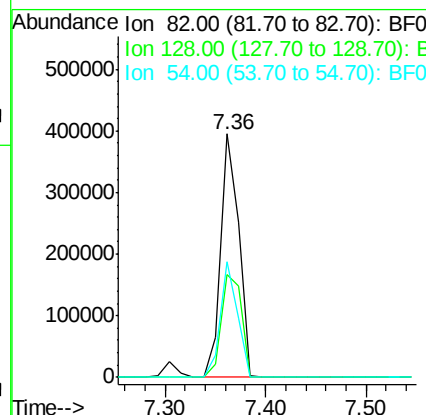
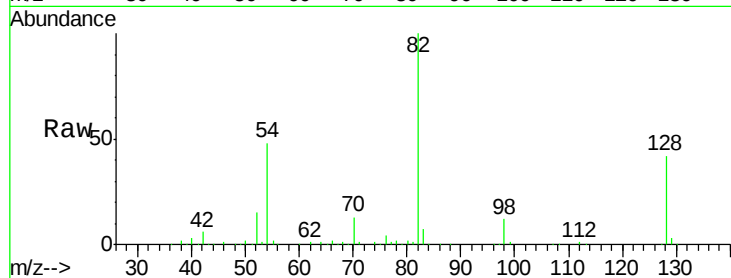




#23
 Nitrobenzene-d5
 Concen: 69.21 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

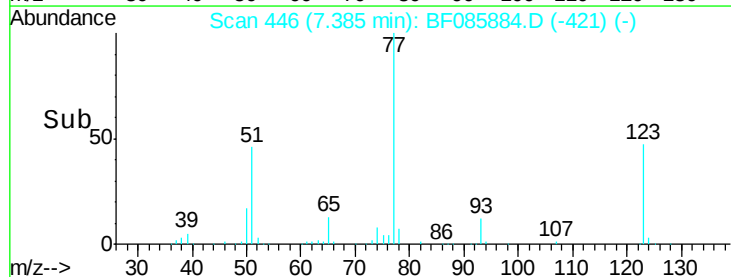
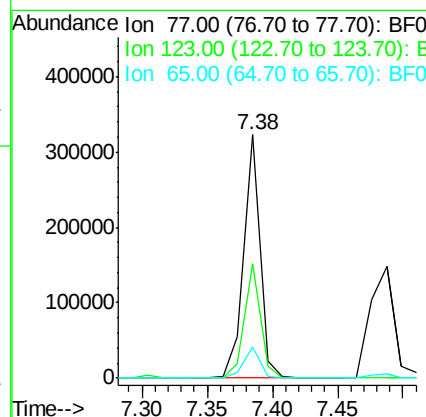
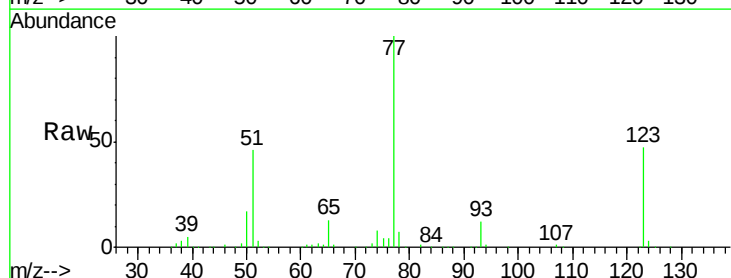
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

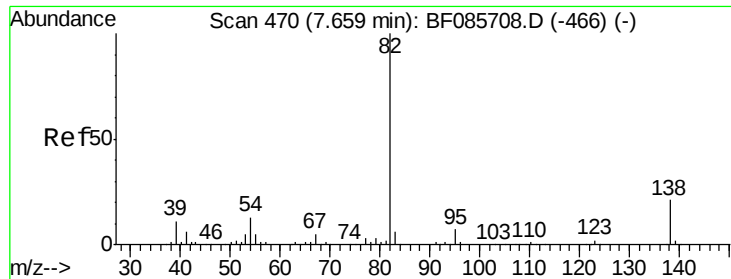
Tgt Ion: 82 Resp: 493790
 Ion Ratio Lower Upper
 82 100
 128 42.0 41.8 62.8
 54 47.7 33.4 50.0



#24
 Nitrobenzene
 Concen: 37.92 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion: 77 Resp: 278870
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.0 52.4
 65 13.0 10.6 16.0





#25

Isophorone

Concen: 36.41 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

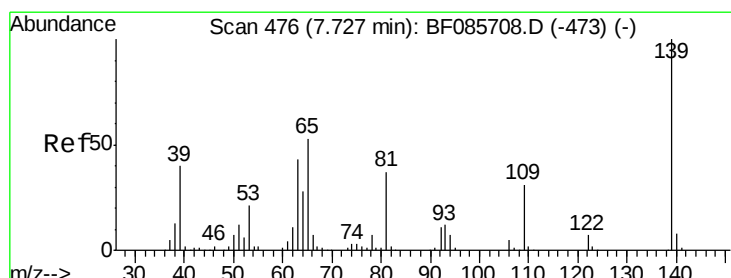
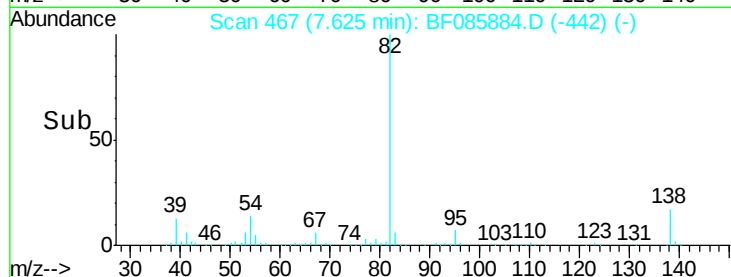
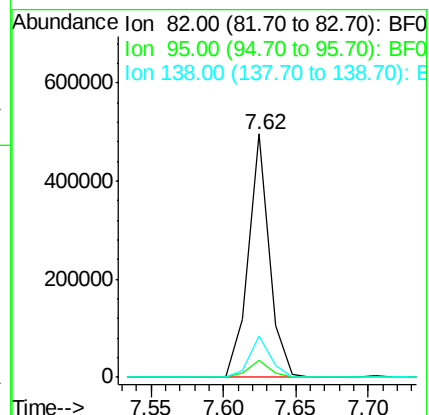
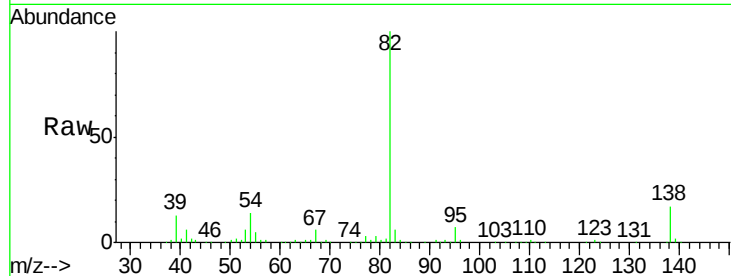
Tgt Ion: 82 Resp: 500492

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.0 12.9 19.3



#26

2-Nitrophenol

Concen: 38.96 ng

RT: 7.70 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

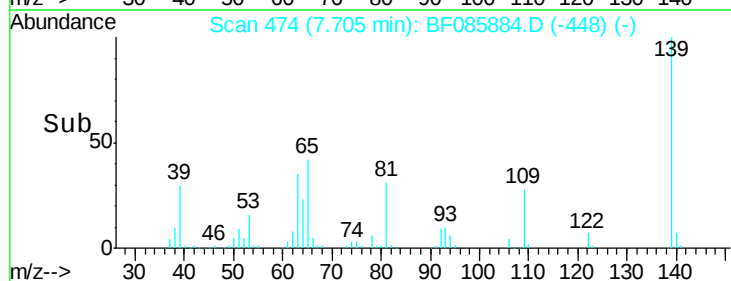
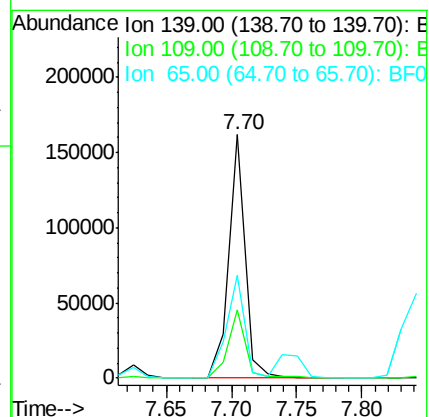
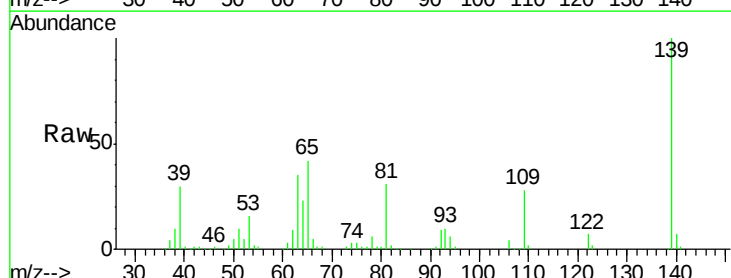
Tgt Ion: 139 Resp: 143364

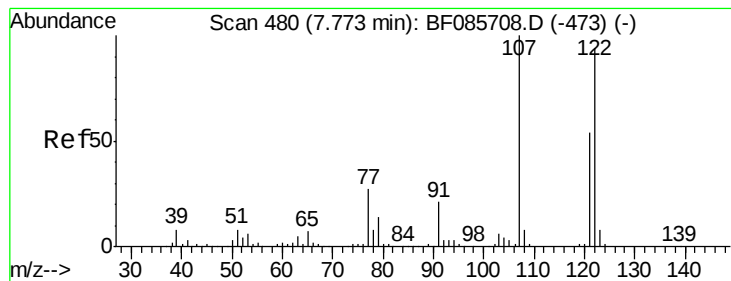
Ion Ratio Lower Upper

139 100

109 28.2 22.1 33.1

65 42.2 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 37.84 ng

RT: 7.75 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

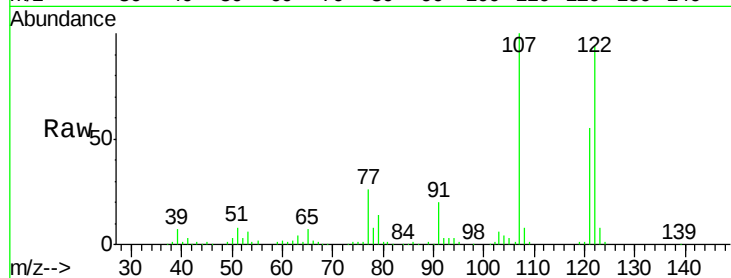
Tgt Ion: 122 Resp: 243377

Ion Ratio Lower Upper

122 100

107 106.8 93.0 139.6

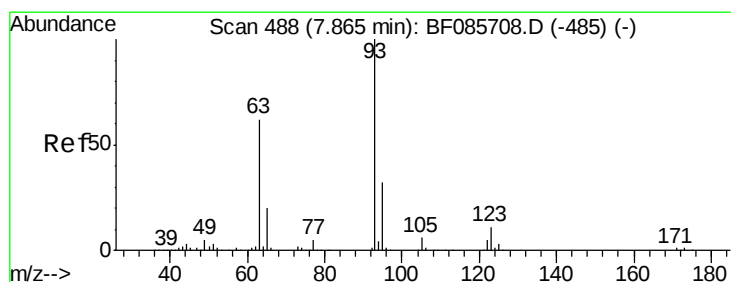
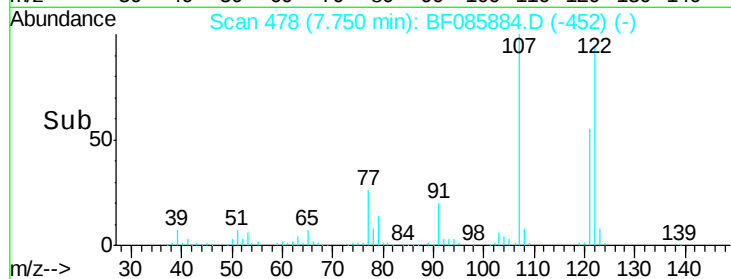
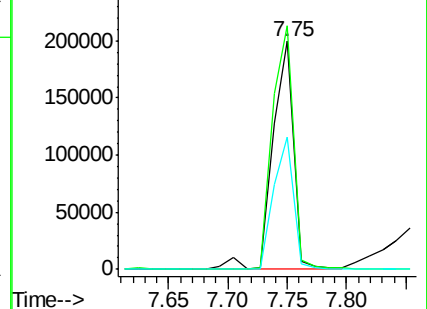
121 58.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.74 ng

RT: 7.84 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

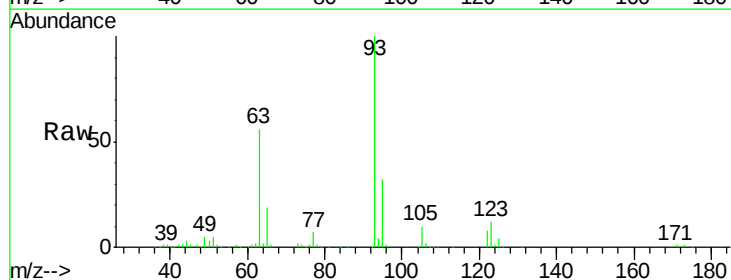
Tgt Ion: 93 Resp: 319060

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

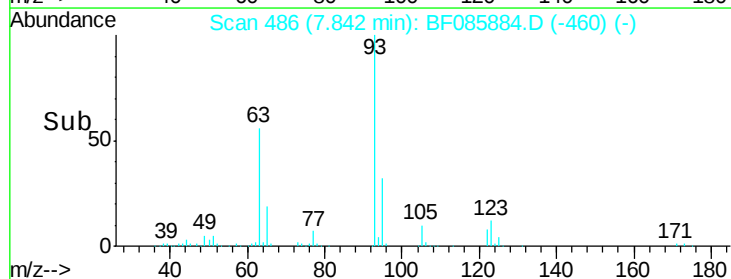
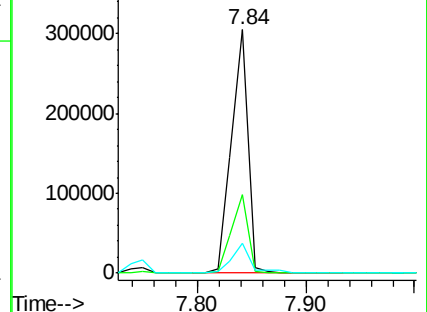
123 12.3 9.8 14.6

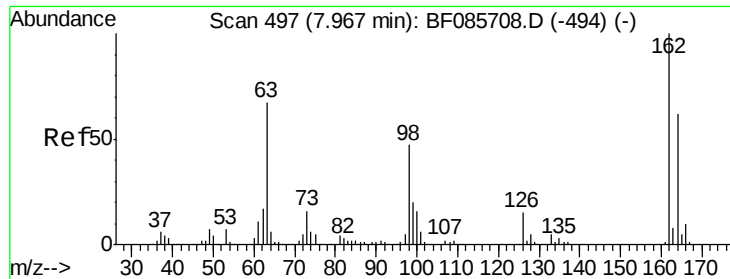


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

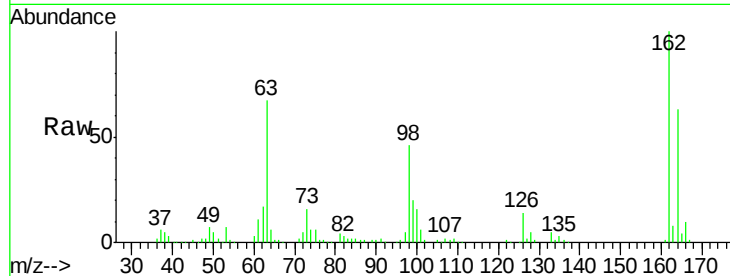




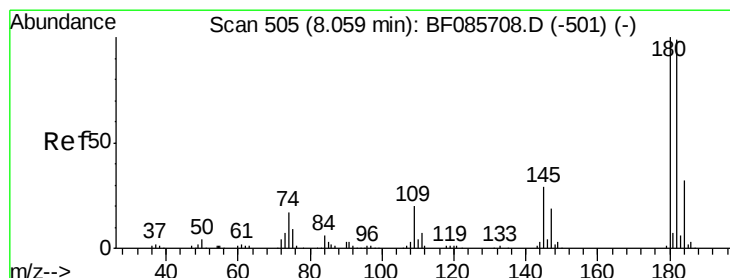
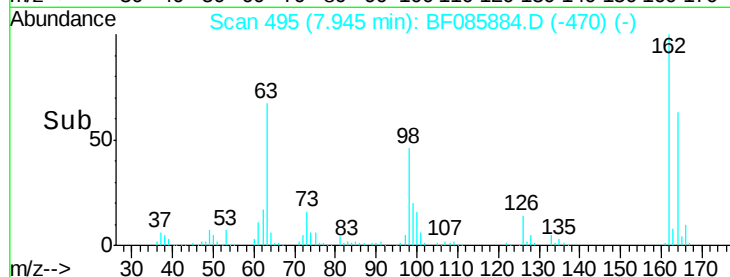
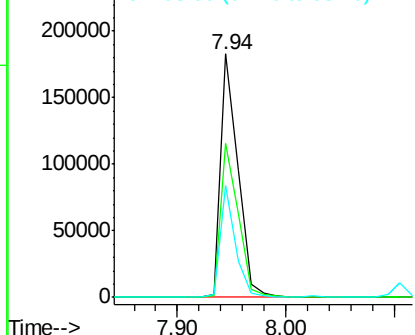
#29
 2,4-Dichlorophenol
 Concen: 37.63 ng
 RT: 7.94 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.7	83.7
98	46.0	20.4	60.4

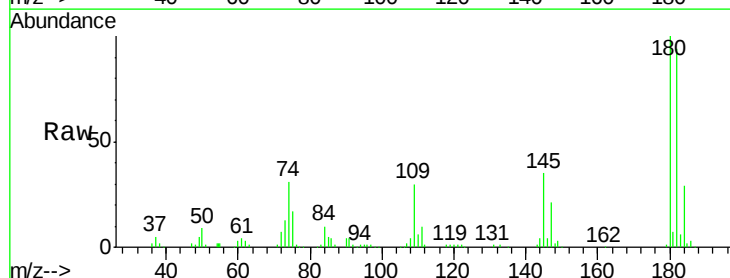


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

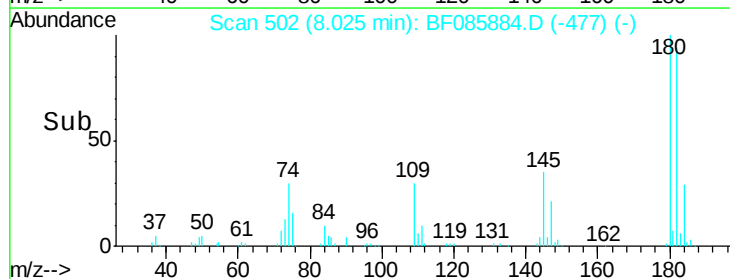
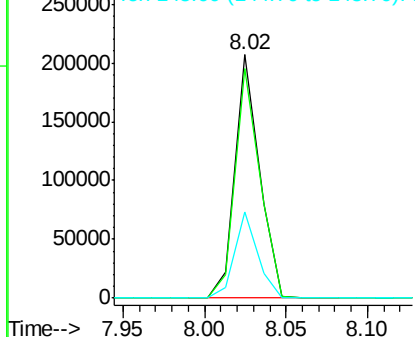


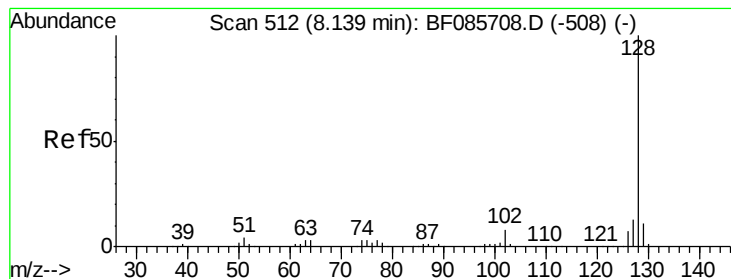
#30
 1,2,4-Trichlorobenzene
 Concen: 35.47 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.8	110.8
145	35.2	28.4	42.6



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





#31

Naphthalene

Concen: 36.20 ng

RT: 8.10 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

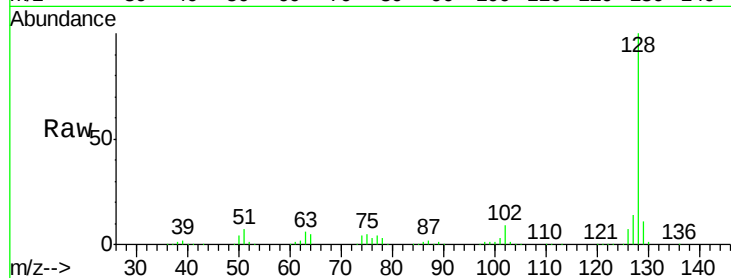
Tgt Ion:128 Resp: 732890

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

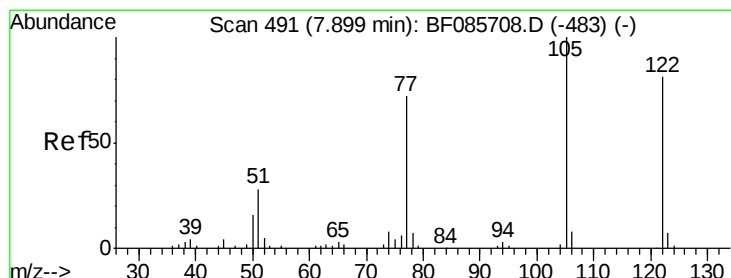
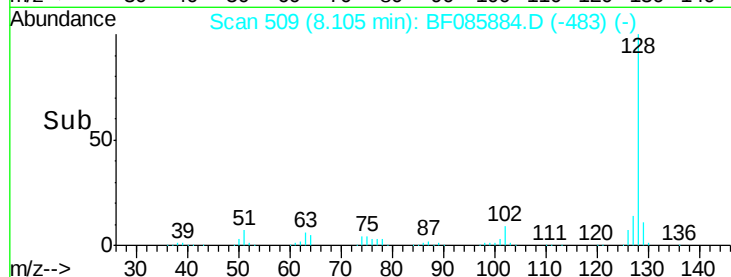
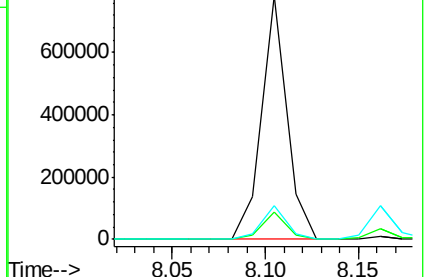
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.42 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

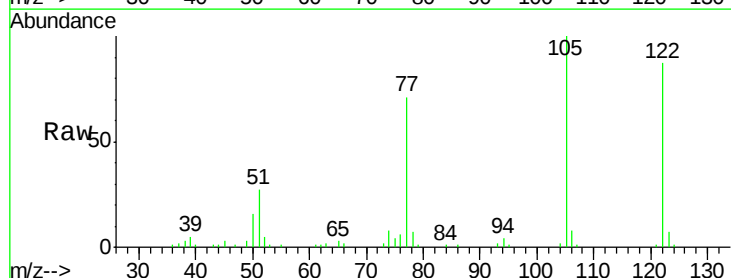
Tgt Ion:122 Resp: 138496

Ion Ratio Lower Upper

122 100

105 114.7 102.9 142.9

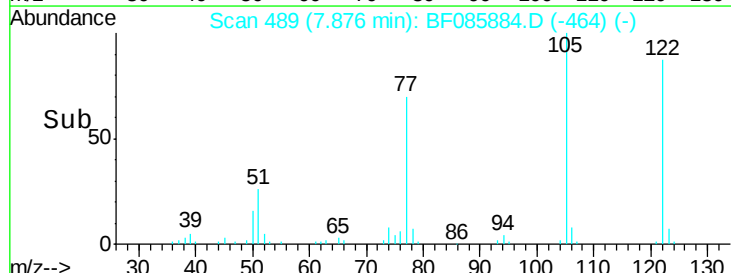
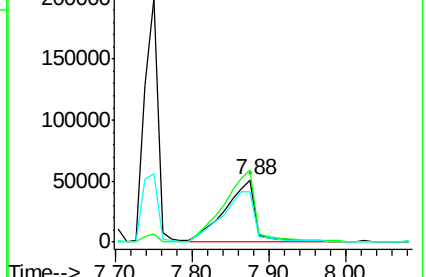
77 81.2 71.8 111.8

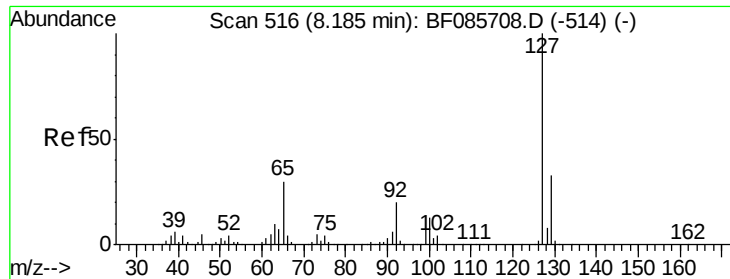


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

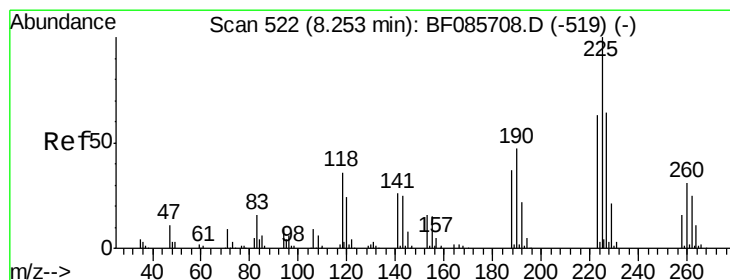
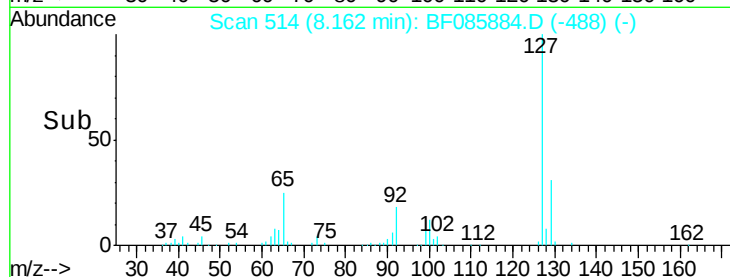
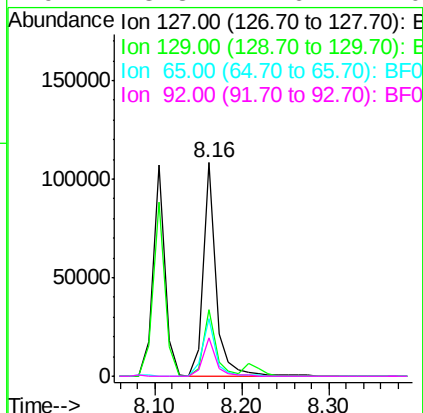
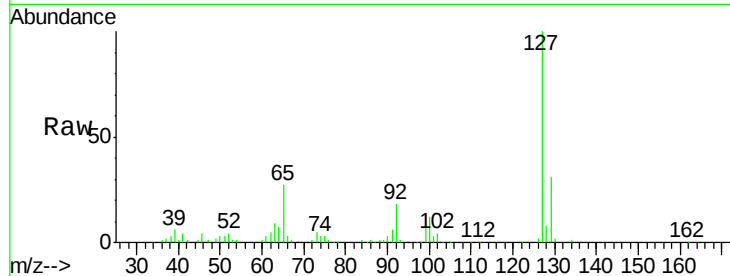




#33
 4-Chloroaniline
 Concen: 13.24 ng
 RT: 8.16 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

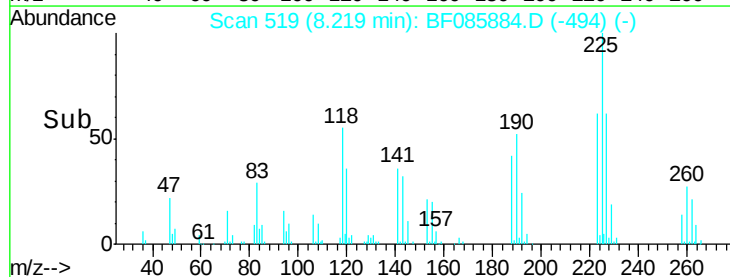
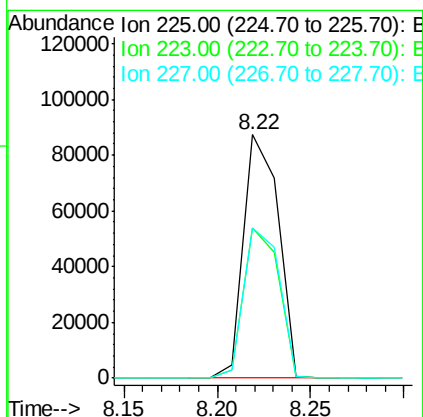
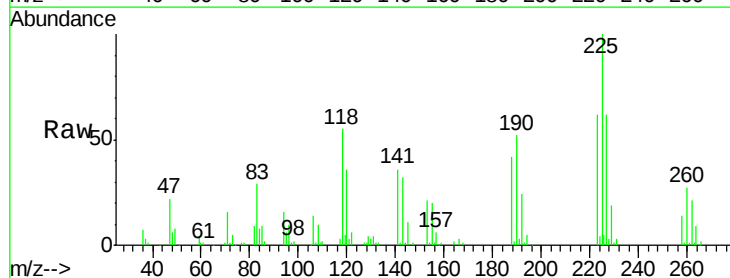
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:	127	Resp:	109480
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	26.8	19.5	29.3
92	18.3	14.6	22.0



#34
 Hexachlorobutadiene
 Concen: 34.54 ng
 RT: 8.22 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:	225	Resp:	112668
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.4	75.6
227	61.6	51.4	77.2

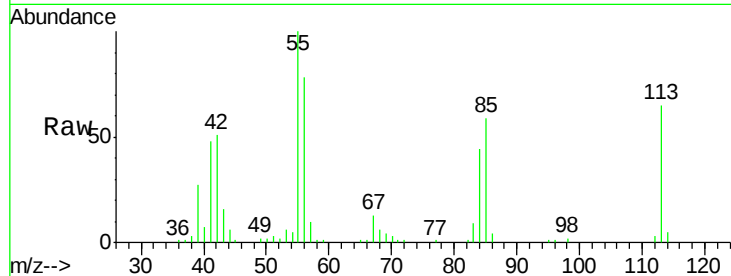




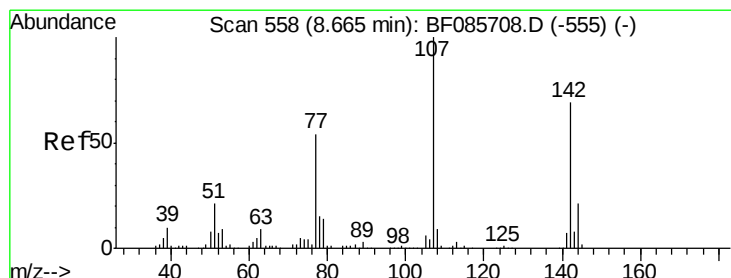
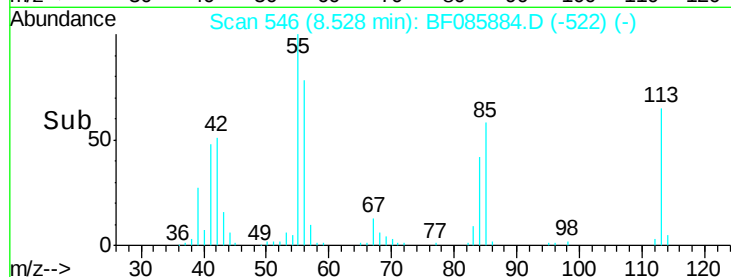
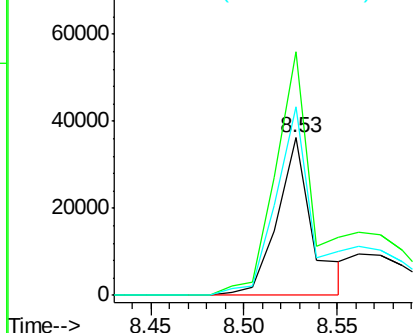
#35
 Caprolactam
 Concen: 24.94 ng
 RT: 8.53 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:113 Resp: 47758
 Ion Ratio Lower Upper
 113 100
 55 154.6 139.4 179.4
 56 119.8 100.4 140.4

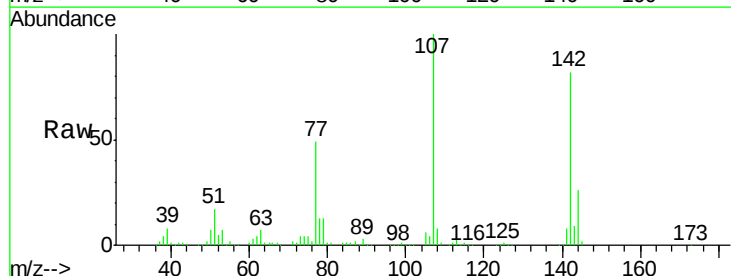


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

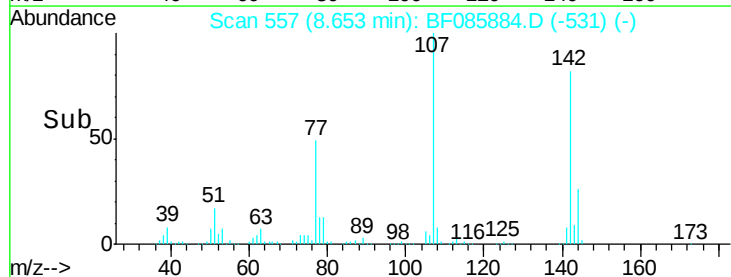
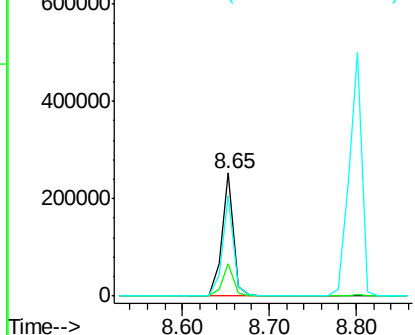


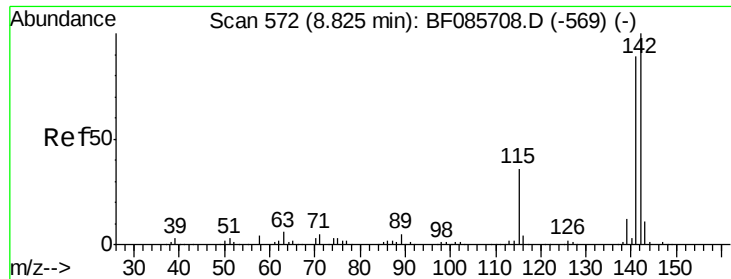
#36
 4-Chloro-3-methylphenol
 Concen: 38.01 ng
 RT: 8.65 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:107 Resp: 240070
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 81.7 61.4 92.0



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

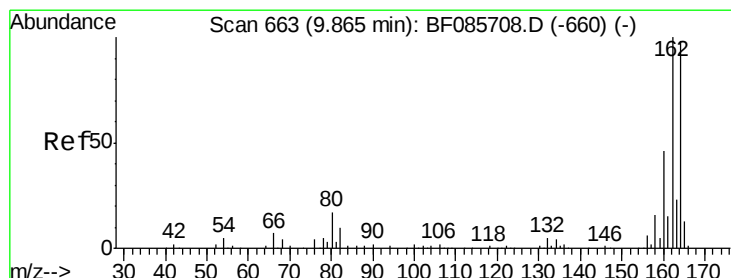
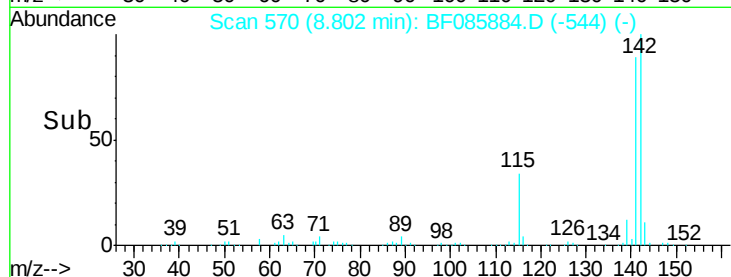
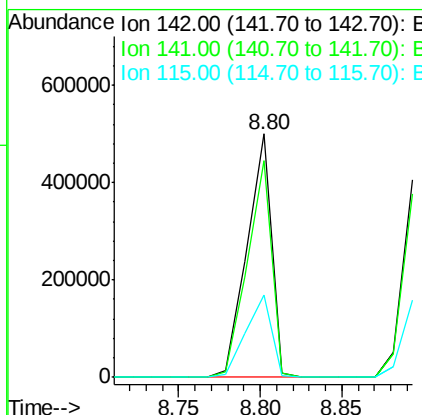
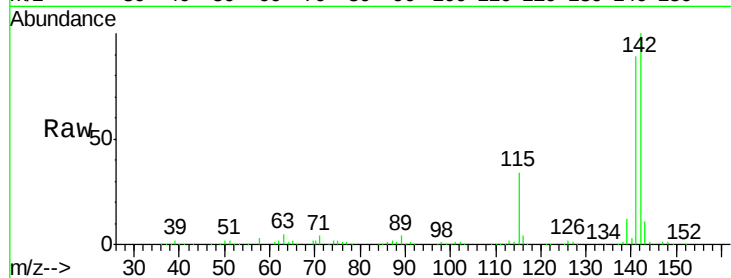




#37
 2-Methylnaphthalene
 Concen: 44.09 ng
 RT: 8.80 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

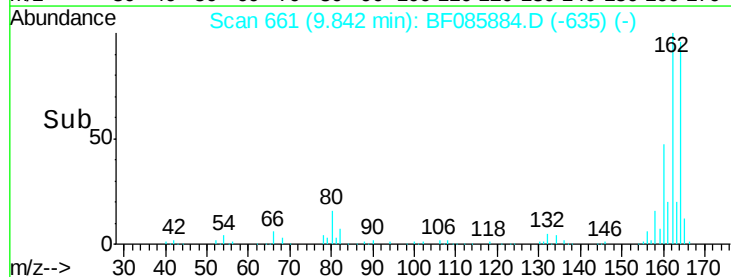
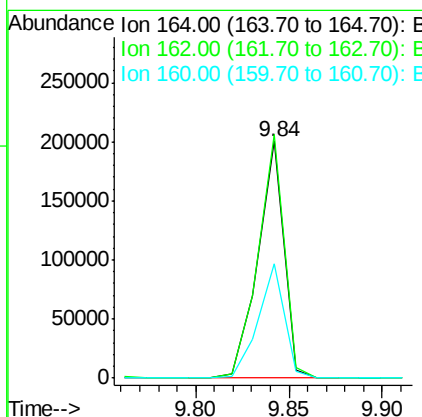
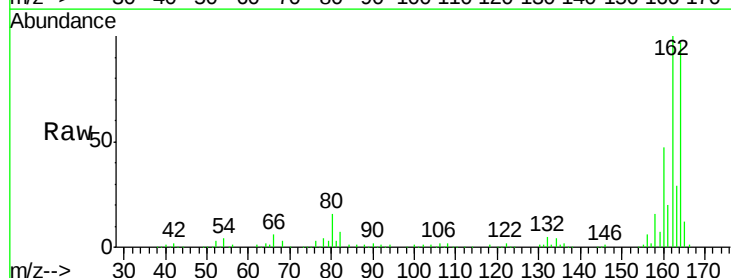
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

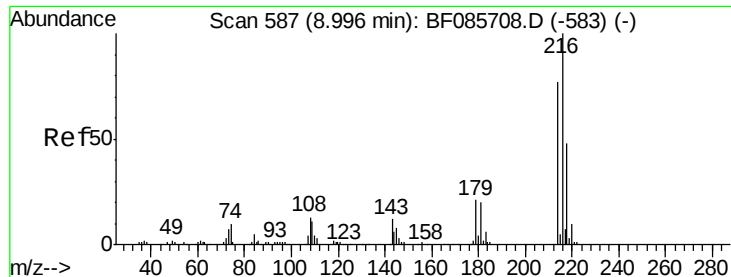
Tgt Ion:142 Resp: 522974
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.6 107.4
 115 33.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:164 Resp: 191932
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.1 123.1
 160 48.1 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.75 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

Tgt Ion:216 Resp: 192095

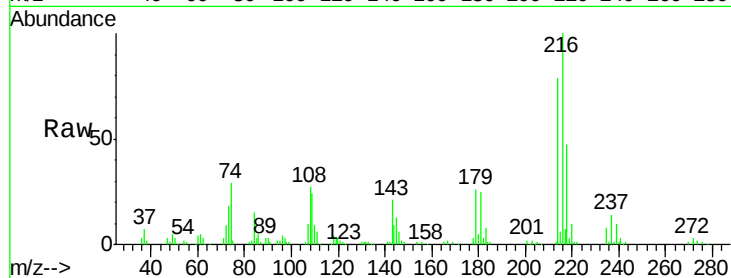
Ion Ratio Lower Upper

216 100

214 77.6 63.1 94.7

179 23.3 18.2 27.2

108 24.0 17.3 25.9

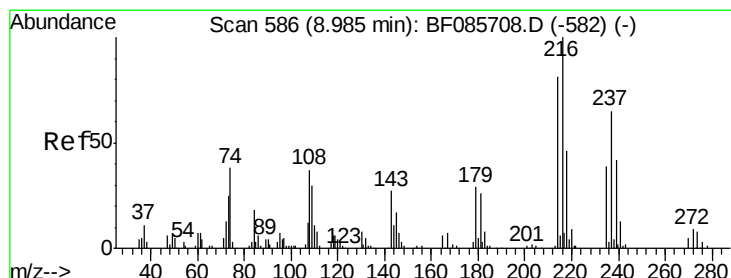
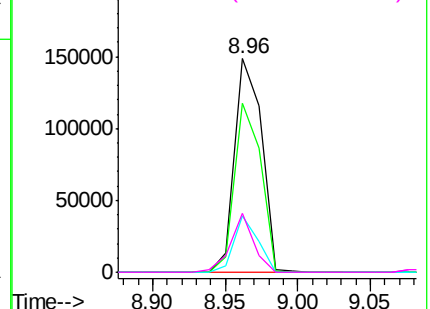
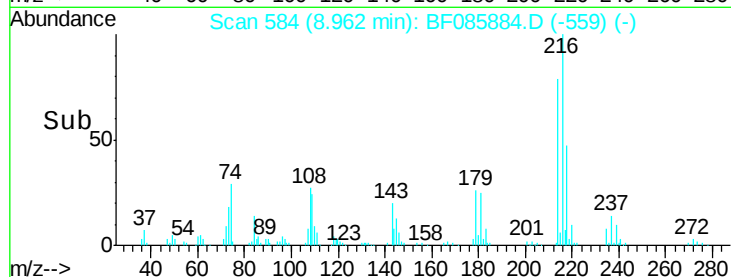


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.80 ng

RT: 8.95 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

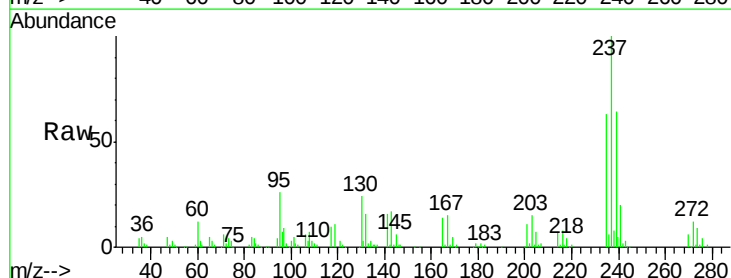
Tgt Ion:237 Resp: 143677

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

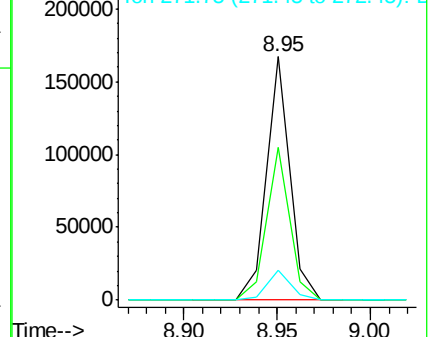
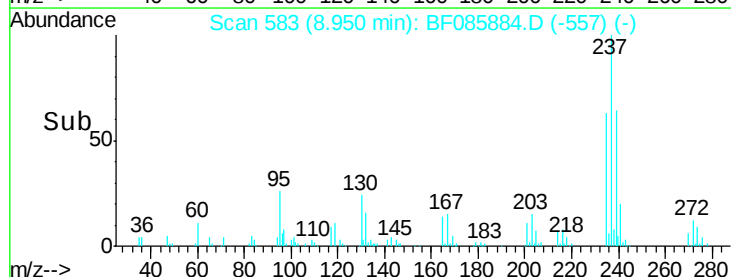
272 12.2 0.0 31.9

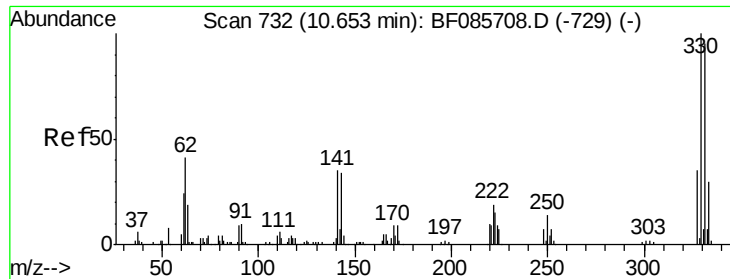


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

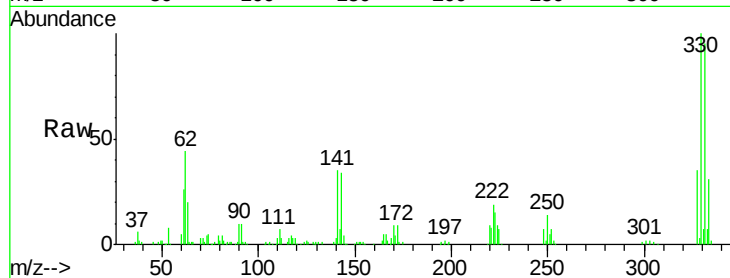




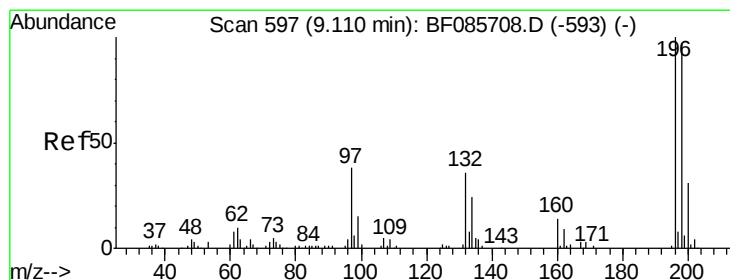
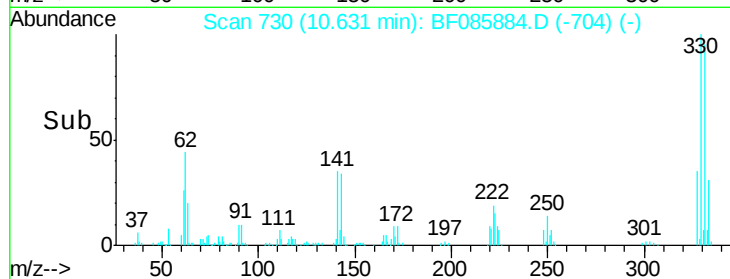
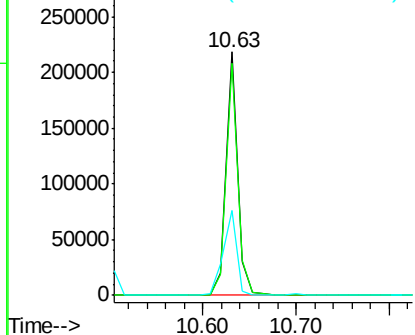
#41
 2,4,6-Tribromophenol
 Concen: 103.48 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:330 Resp: 188702
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 40.1 31.5 47.3

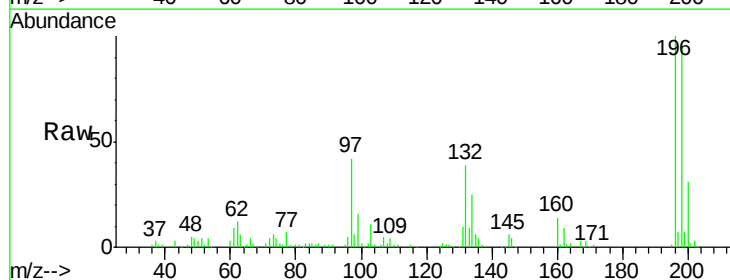


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

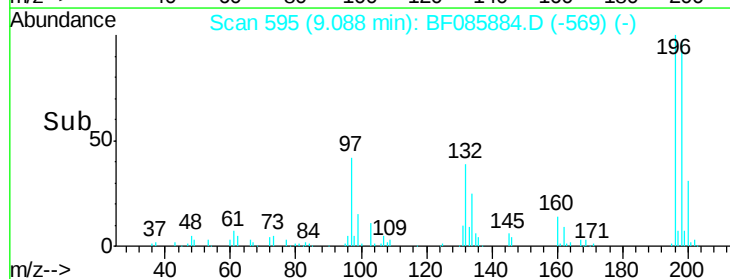
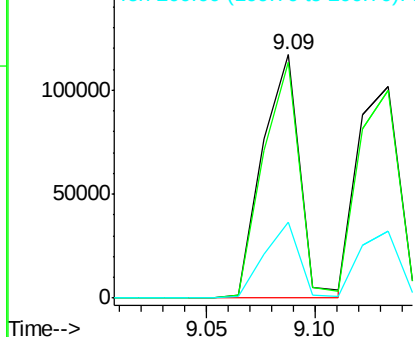


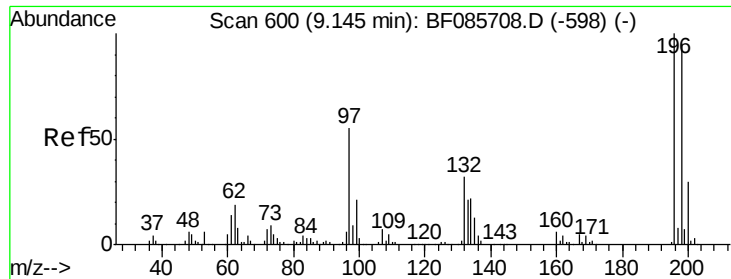
#42
 2,4,6-Trichlorophenol
 Concen: 36.38 ng
 RT: 9.09 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:196 Resp: 139851
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.3 112.9
 200 31.4 23.7 35.5



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

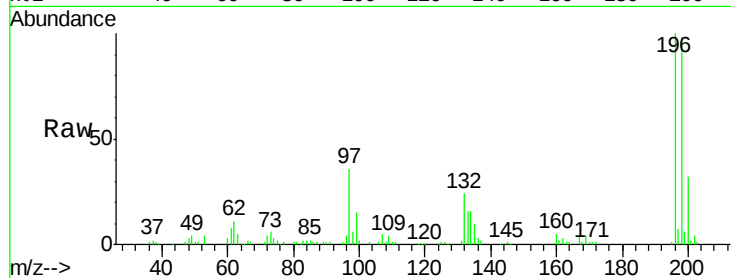




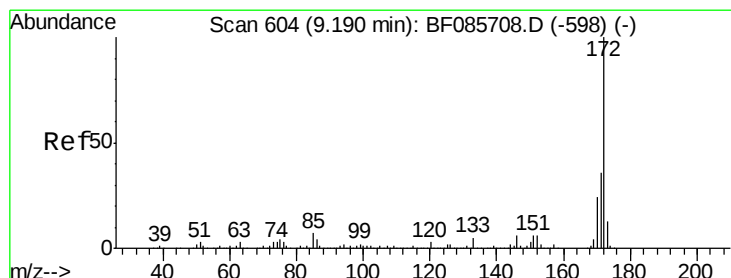
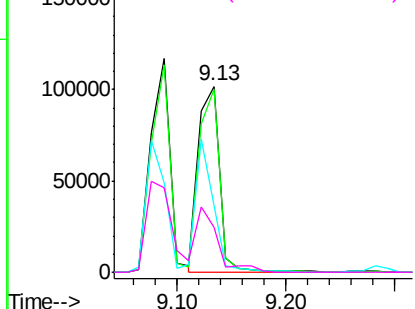
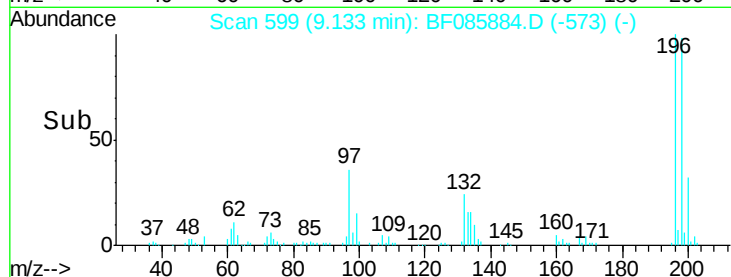
#43
 2,4,5-Trichlorophenol
 Concen: 34.81 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:196 Resp: 140316
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.6 114.8
 97 36.1 30.5 45.7
 132 24.3 20.2 30.2

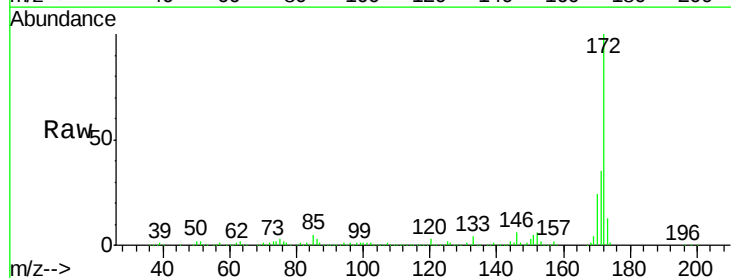


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

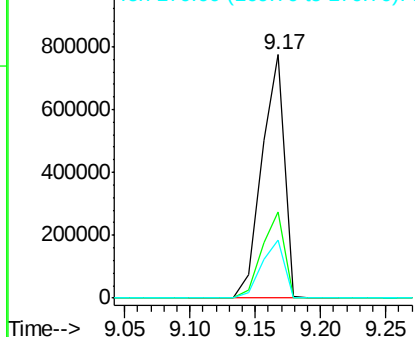
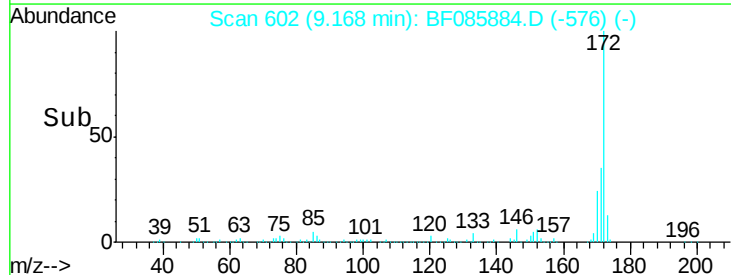


#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:172 Resp: 930656
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 23.7 19.8 29.6



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

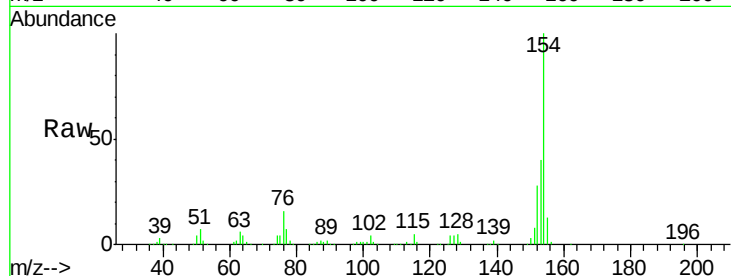




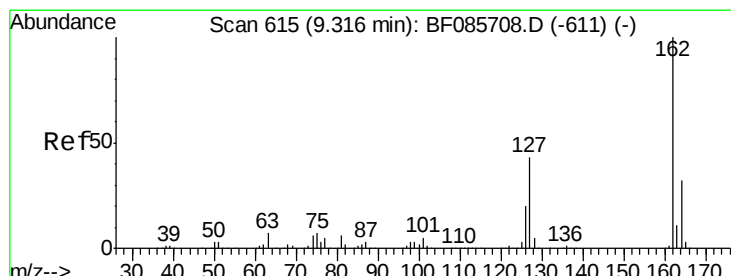
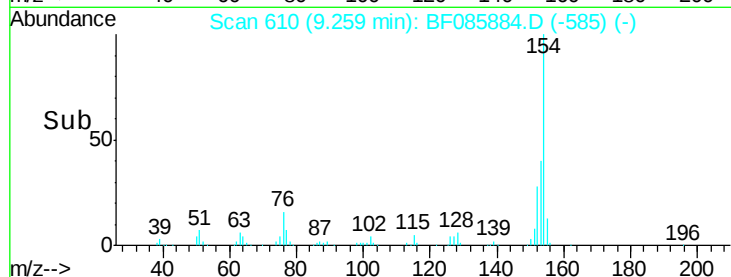
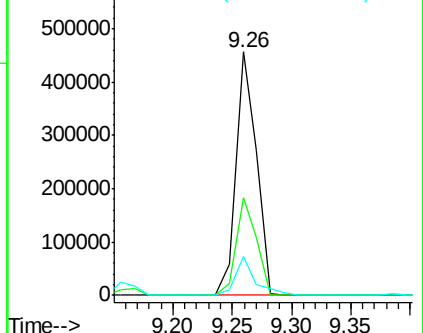
#45
 1,1'-Biphenyl
 Concen: 33.58 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:154 Resp: 543824
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.8 60.8
 76 15.9 0.0 36.7

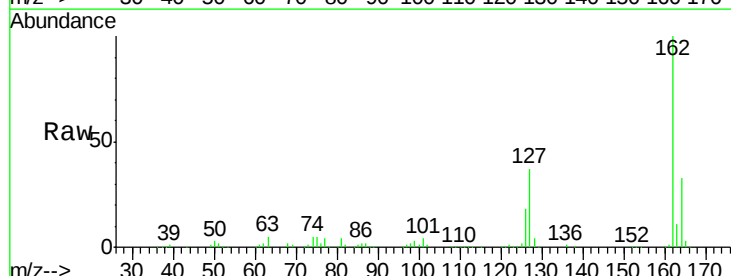


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

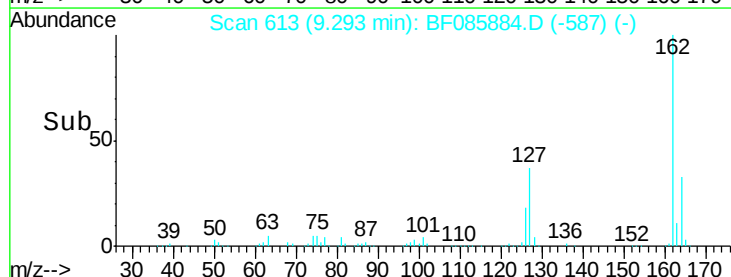
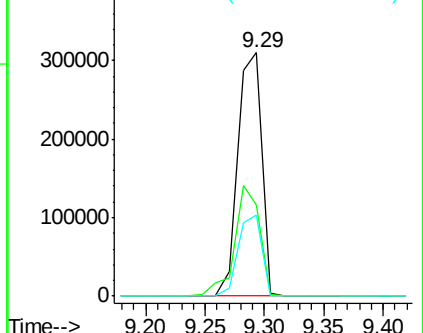


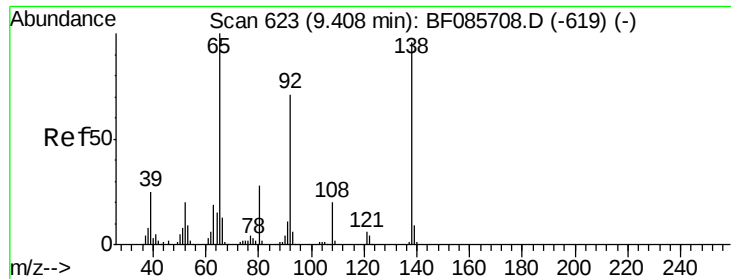
#46
 2-Chloronaphthalene
 Concen: 36.57 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:162 Resp: 435523
 Ion Ratio Lower Upper
 162 100
 127 37.3 31.7 47.5
 164 33.5 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.93 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

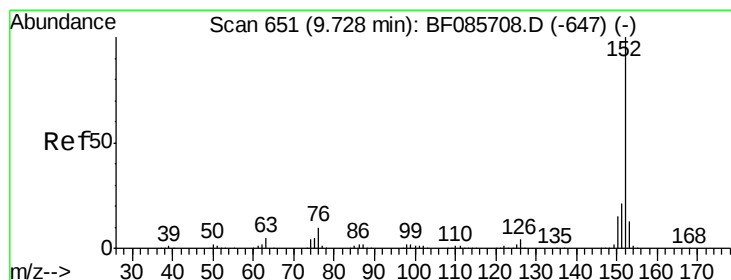
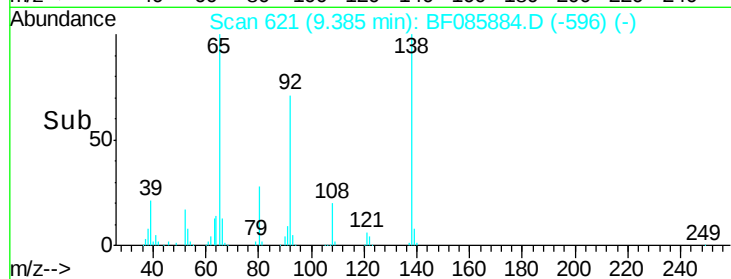
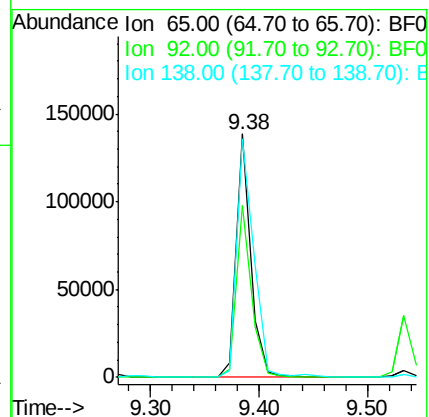
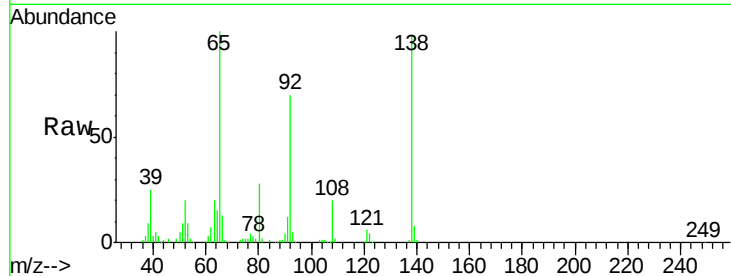
Tgt Ion: 65 Resp: 127200

Ion Ratio Lower Upper

65 100

92 70.4 59.7 89.5

138 98.0 91.4 137.0



#48

Acenaphthylene

Concen: 38.22 ng

RT: 9.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

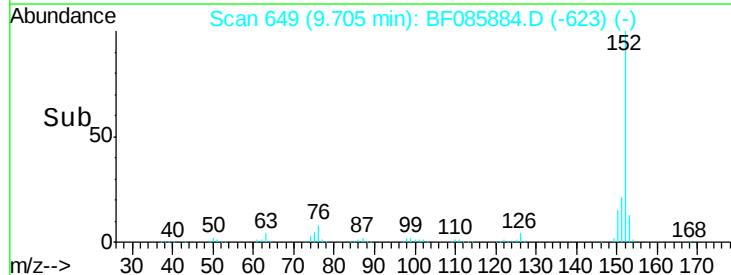
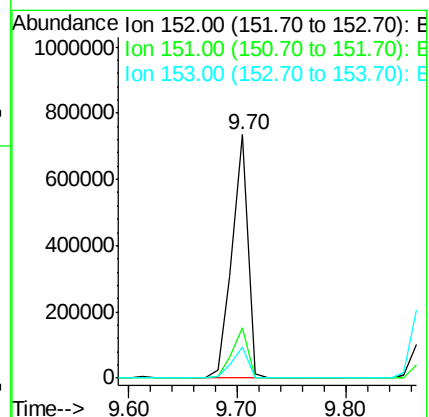
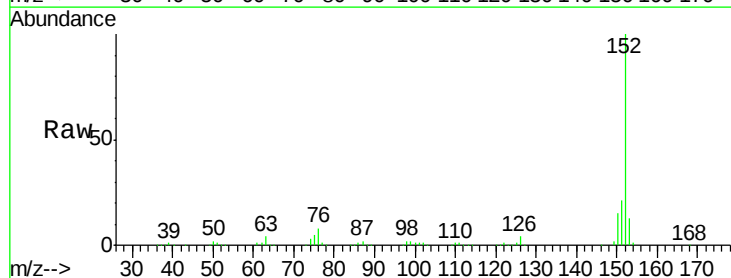
Tgt Ion: 152 Resp: 741602

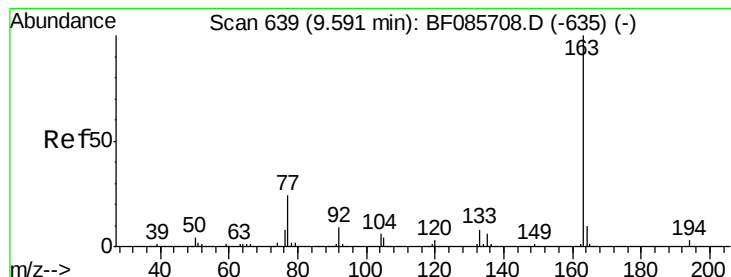
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.0 10.9 16.3





#49

Dimethylphthalate

Concen: 36.41 ng

RT: 9.57 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

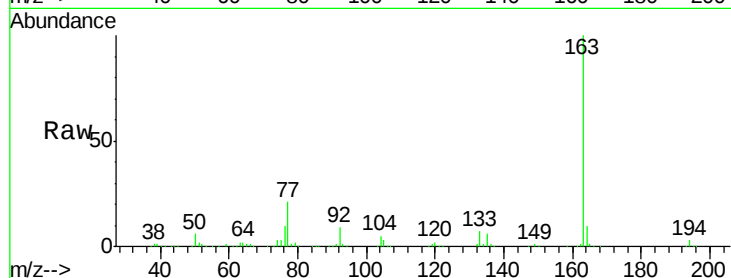
Tgt Ion:163 Resp: 530220

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

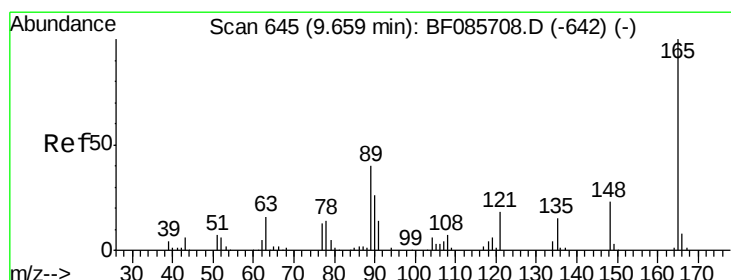
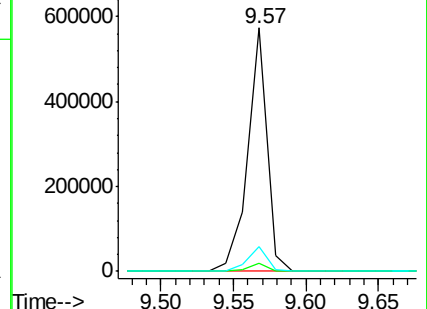
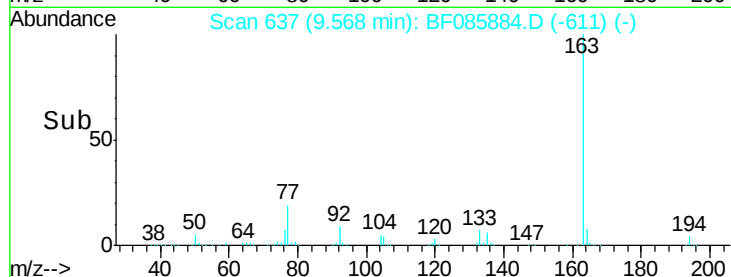
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.94 ng

RT: 9.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

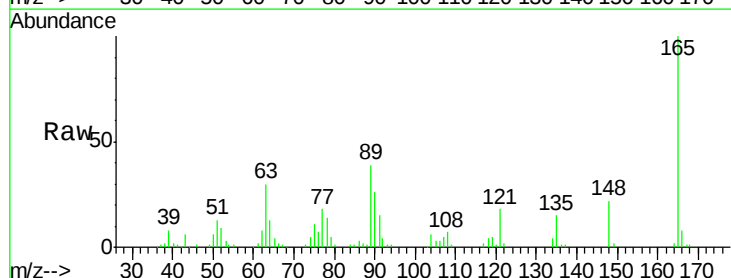
Tgt Ion:165 Resp: 112658

Ion Ratio Lower Upper

165 100

63 29.6 51.8 77.8#

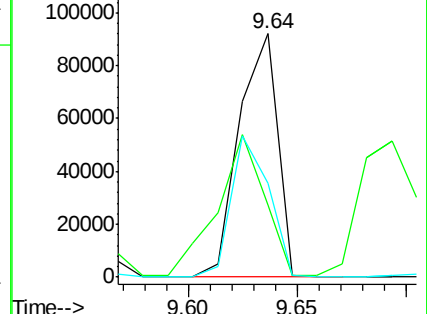
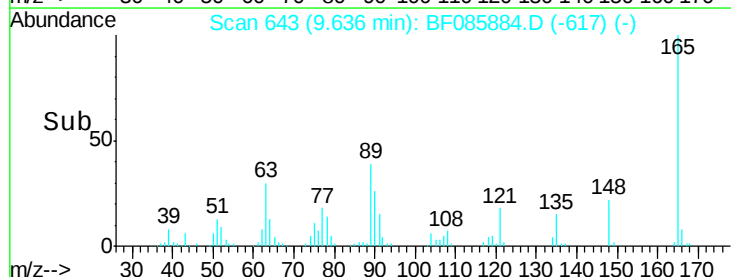
89 38.6 53.7 80.5#

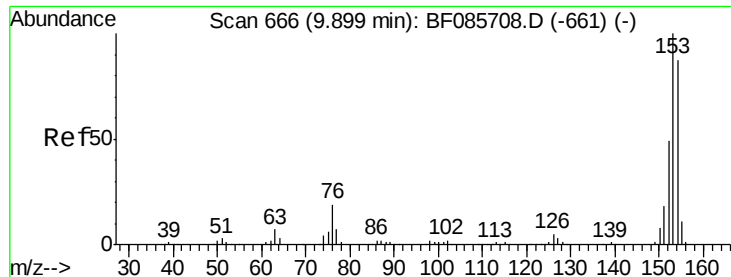


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

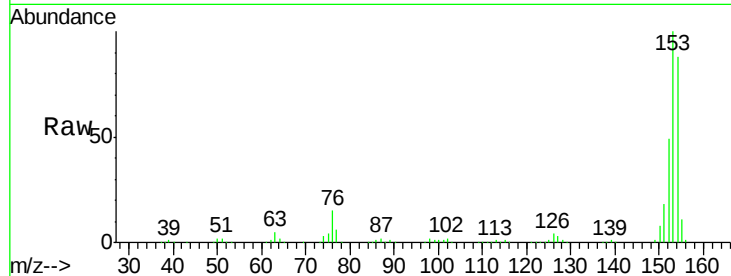




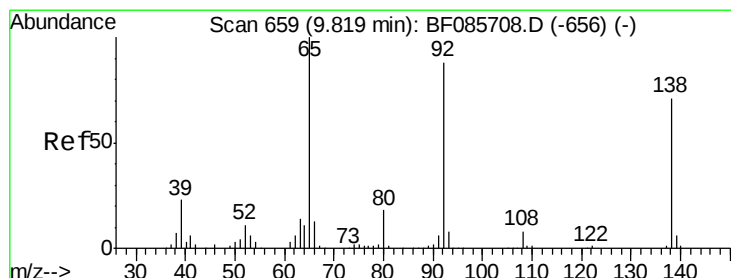
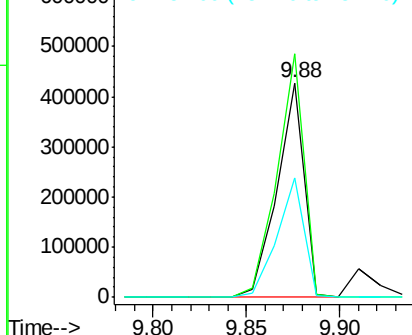
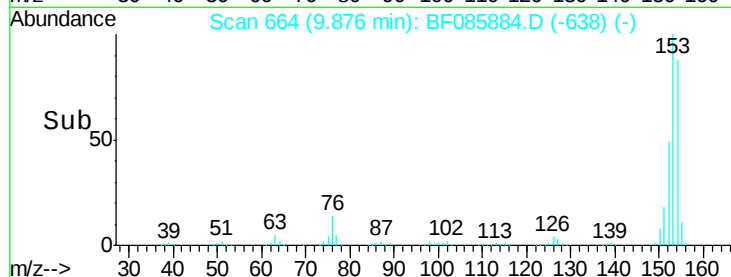
#51
Acenaphthene
Concen: 36.53 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion:154 Resp: 433037
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 55.8 44.2 66.2

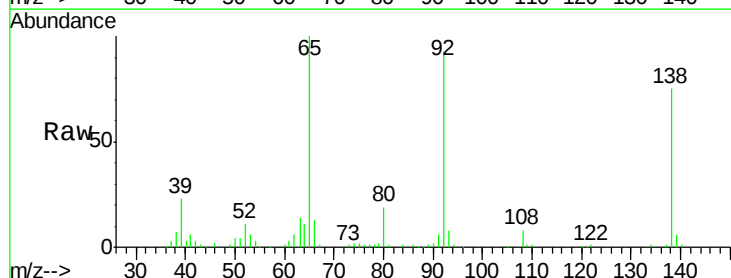


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

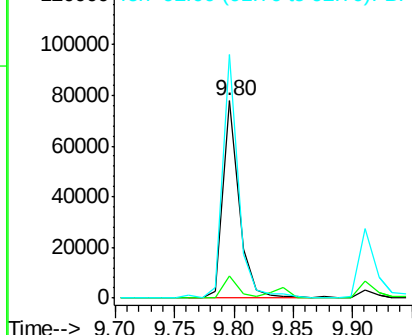
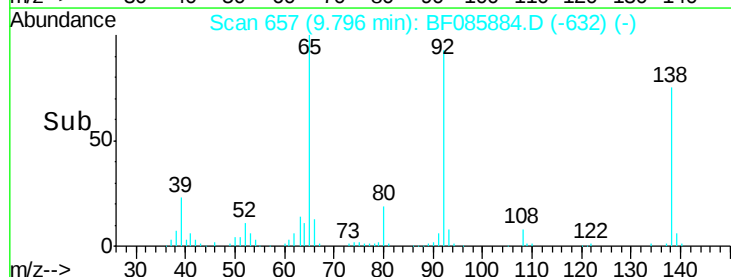


#52
3-Nitroaniline
Concen: 20.31 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:138 Resp: 72878
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 123.5 93.3 139.9



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

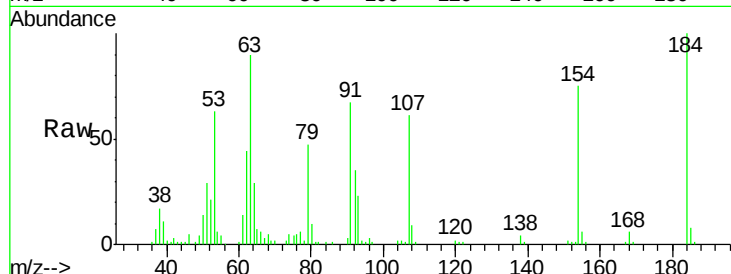




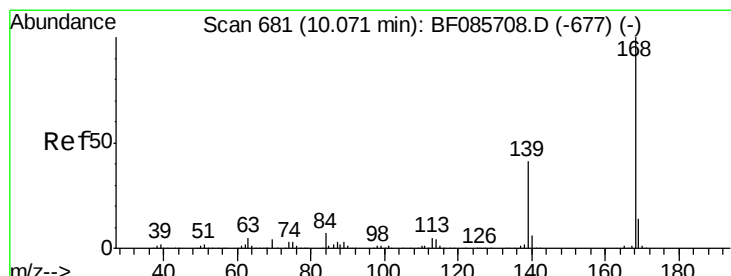
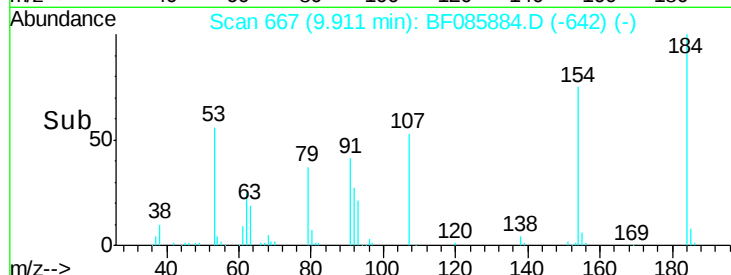
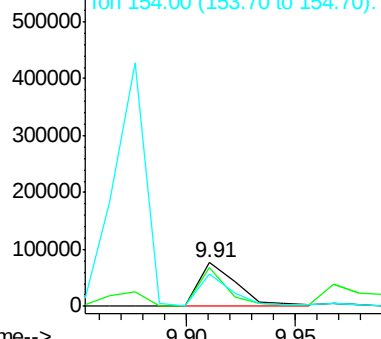
#53
2,4-Dinitrophenol
Concen: 60.37 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion:184 Resp: 93066
Ion Ratio Lower Upper
184 100
63 89.8 69.5 104.3
154 74.7 58.3 87.5

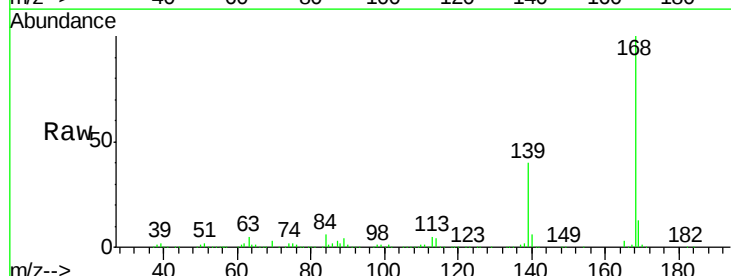


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

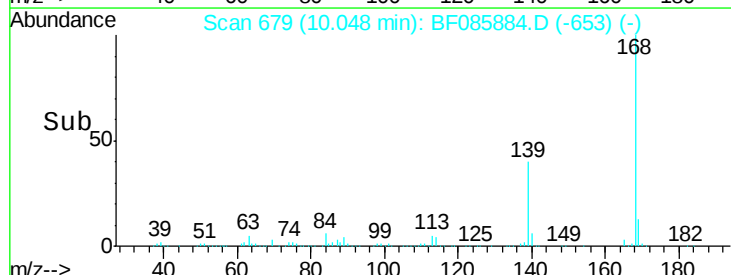
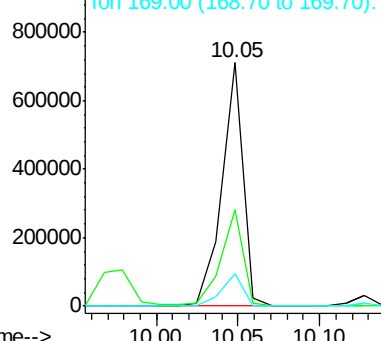


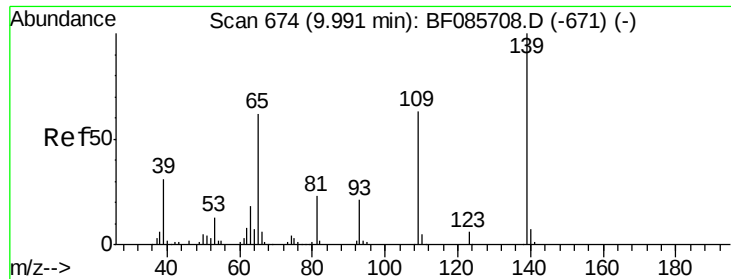
#54
Dibenzofuran
Concen: 41.74 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:168 Resp: 640262
Ion Ratio Lower Upper
168 100
139 39.6 31.9 47.9
169 13.5 11.0 16.6



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

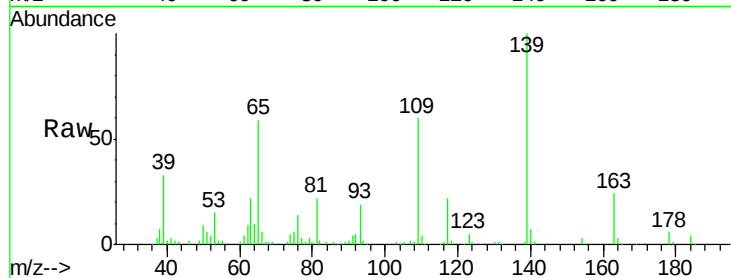




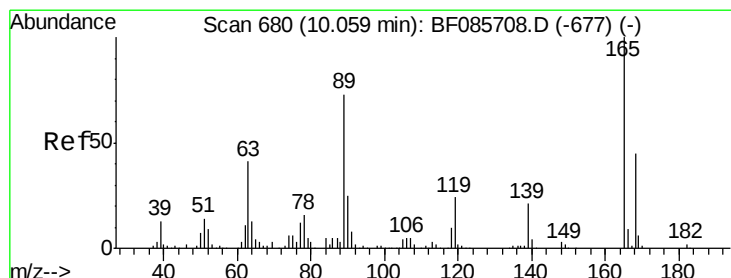
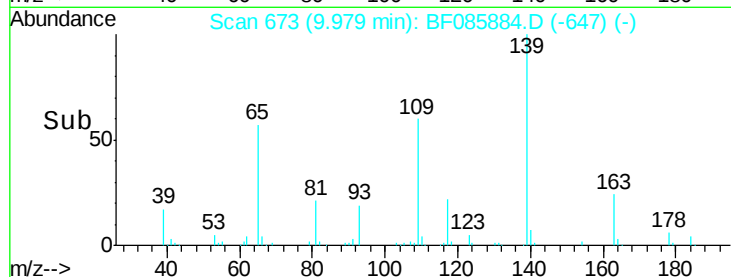
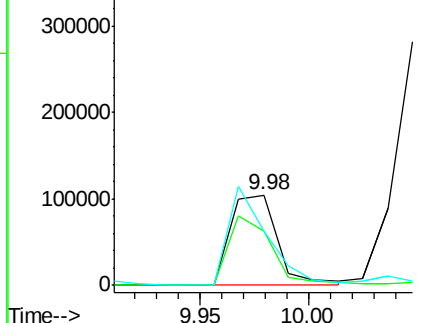
#55
4-Nitrophenol
Concen: 67.06 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion:139 Resp: 156748
Ion Ratio Lower Upper
139 100
109 59.6 49.2 89.2
65 59.5 66.9 106.9#

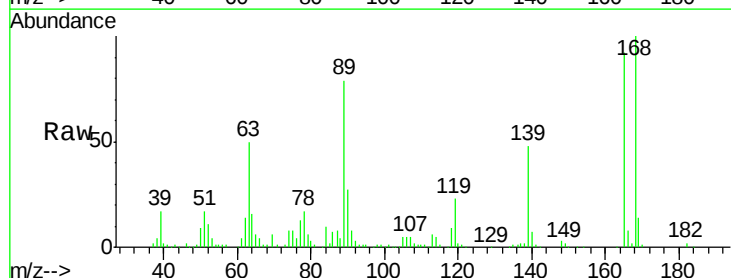


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

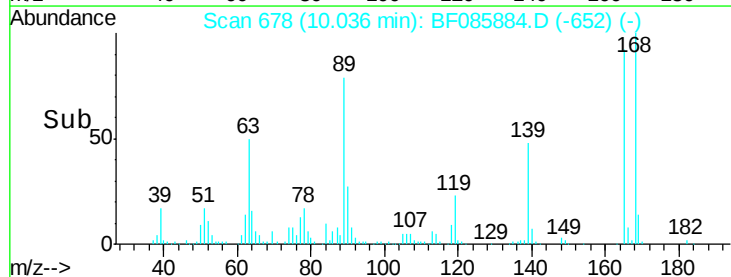
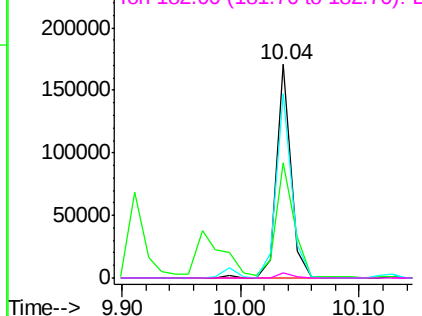


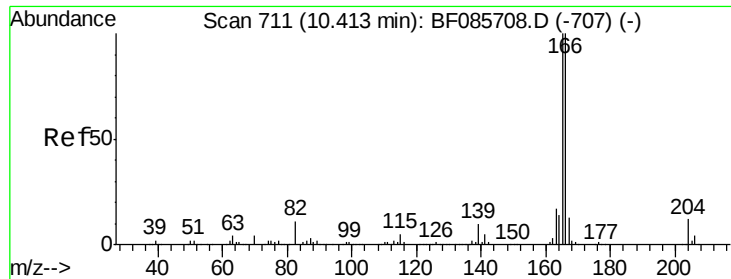
#56
2,4-Dinitrotoluene
Concen: 36.13 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:165 Resp: 143933
Ion Ratio Lower Upper
165 100
63 54.2 24.9 37.3#
89 86.3 41.0 61.6#
182 2.3 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

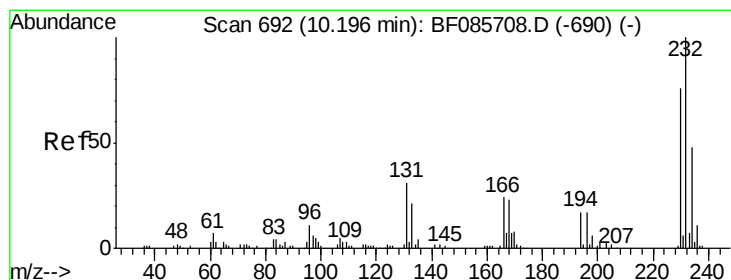
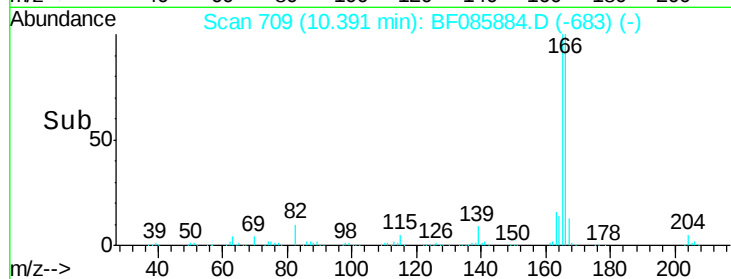
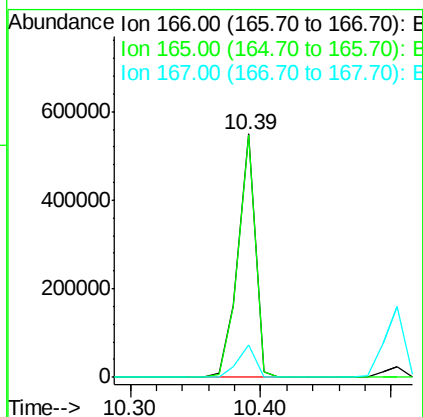
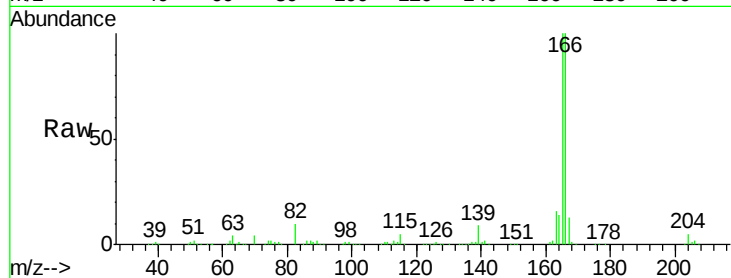




#57
 Fluorene
 Concen: 39.61 ng
 RT: 10.39 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

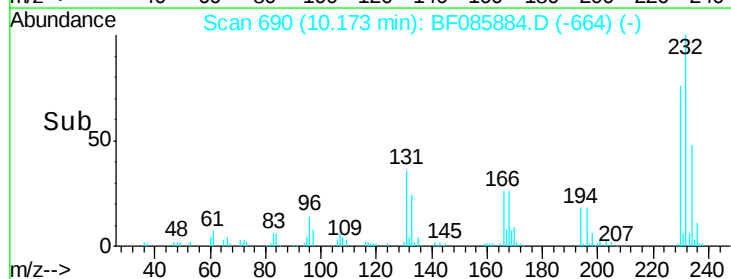
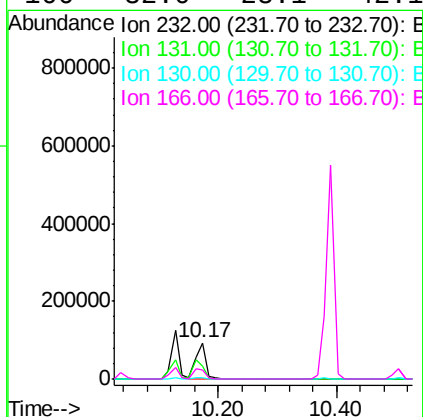
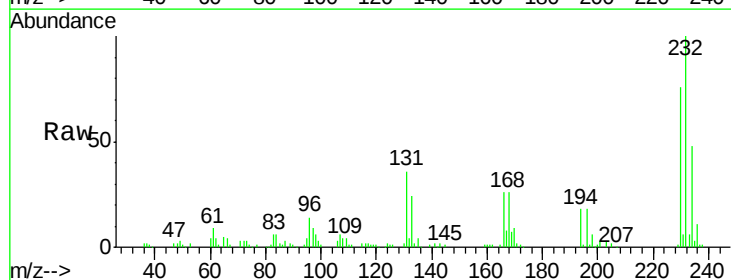
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

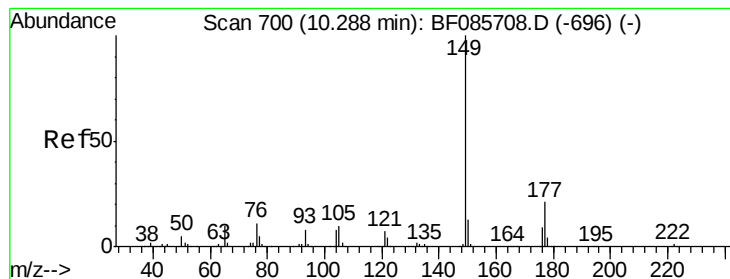
Tgt Ion:166 Resp: 505166
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.4 119.0
 167 13.4 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.66 ng
 RT: 10.17 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:232 Resp: 113938
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.9 67.3
 130 2.6 2.3 3.5
 166 32.0 28.1 42.1





#59

Diethylphthalate

Concen: 36.17 ng

RT: 10.26 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

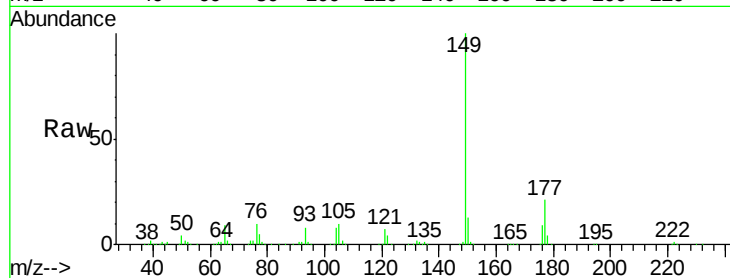
Tgt Ion:149 Resp: 520411

Ion Ratio Lower Upper

149 100

177 21.4 17.9 26.9

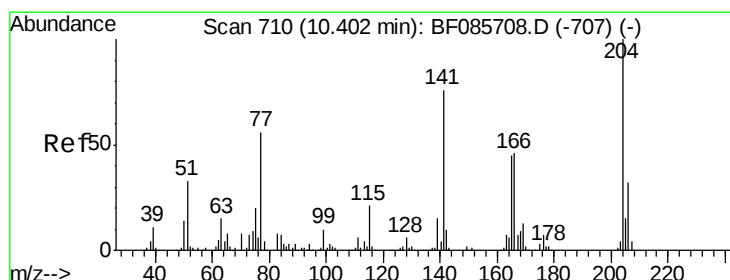
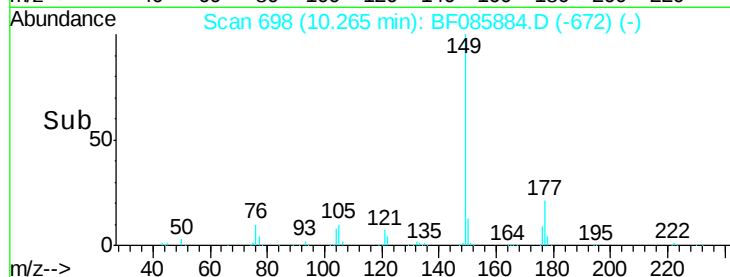
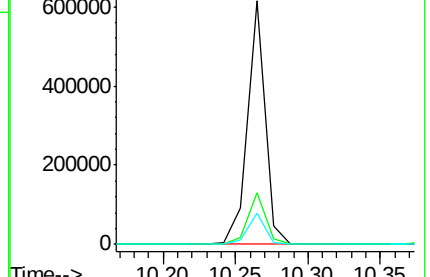
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.59 ng

RT: 10.38 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

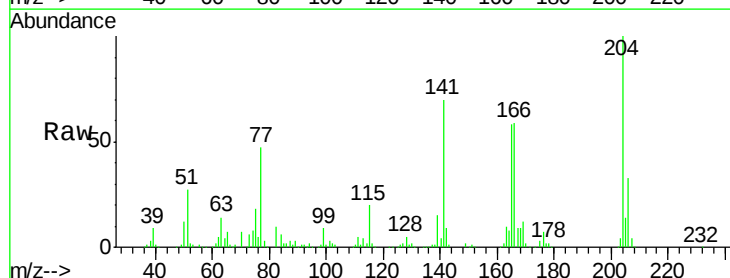
Tgt Ion:204 Resp: 221931

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

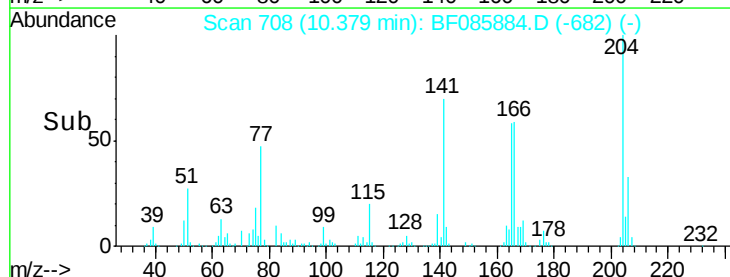
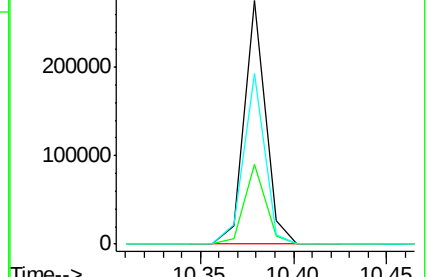
141 70.2 57.4 86.0

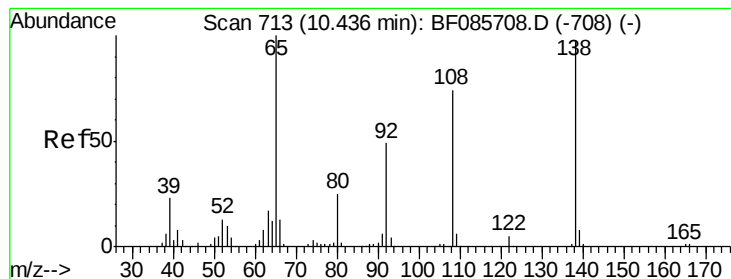


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.92 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

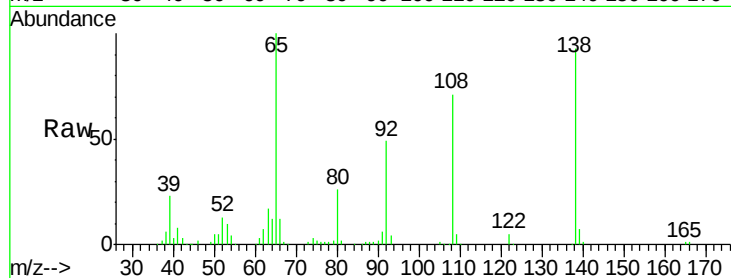
Tgt Ion:138 Resp: 123263

Ion Ratio Lower Upper

138 100

92 52.5 26.4 66.4

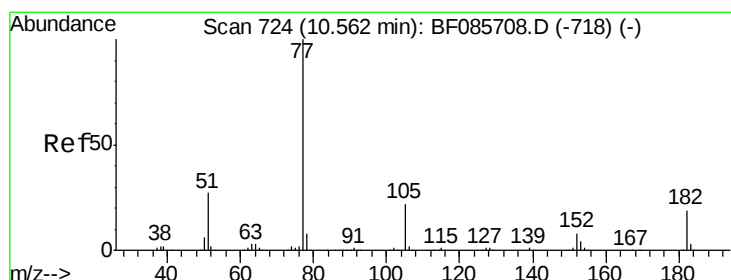
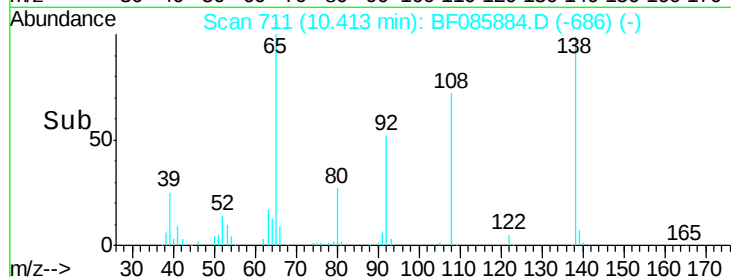
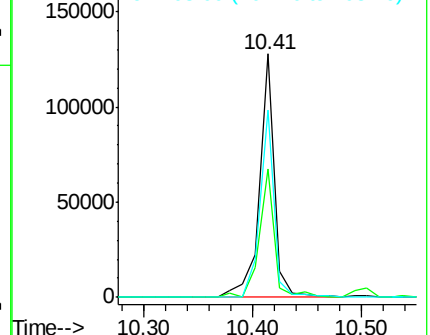
108 76.7 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.25 ng

RT: 10.54 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion: 77 Resp: 570277

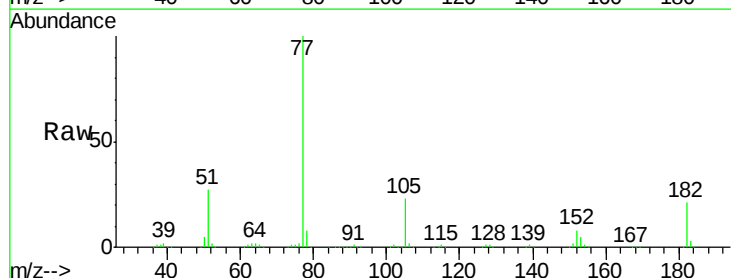
Ion Ratio Lower Upper

77 100

182 21.3 1.9 41.9

105 22.9 3.5 43.5

51 26.9 6.3 46.3

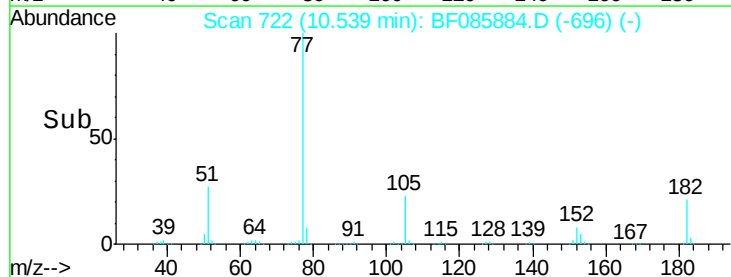
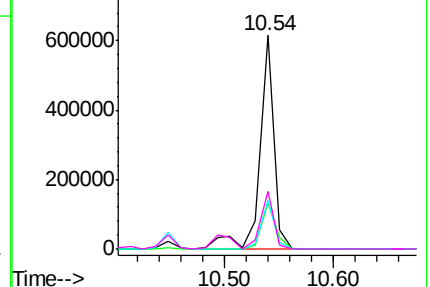


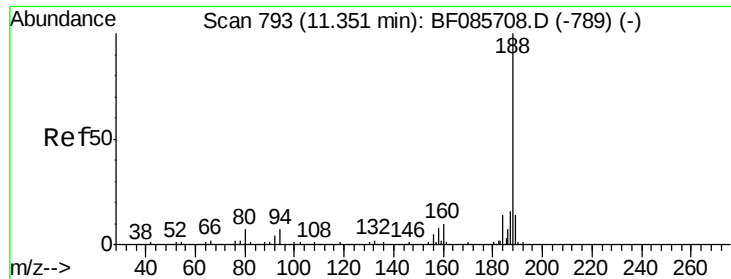
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

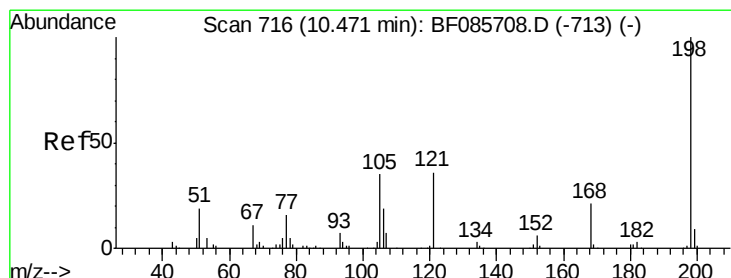
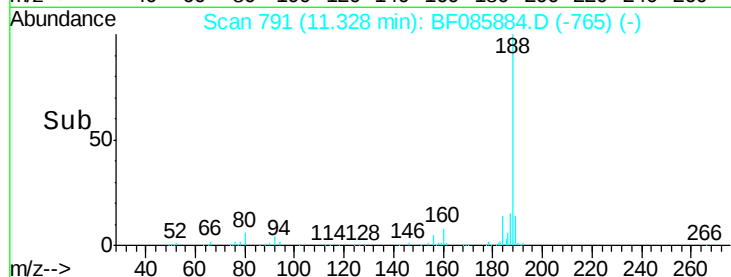
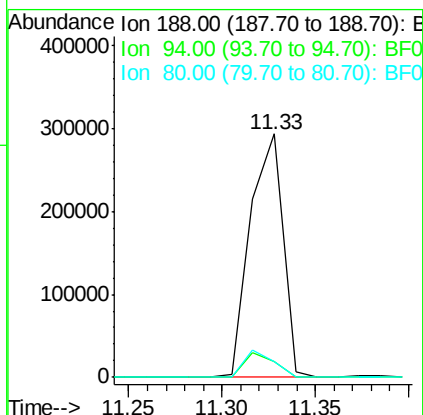
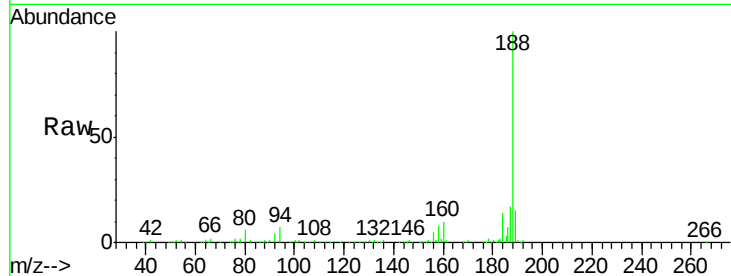




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

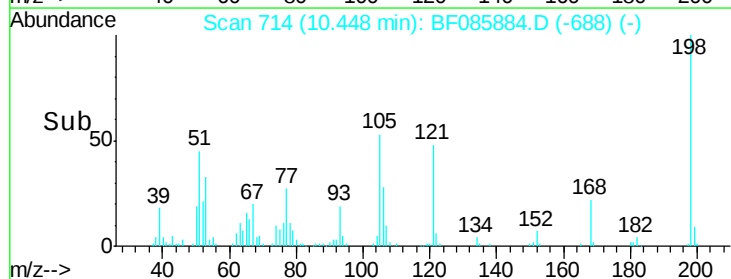
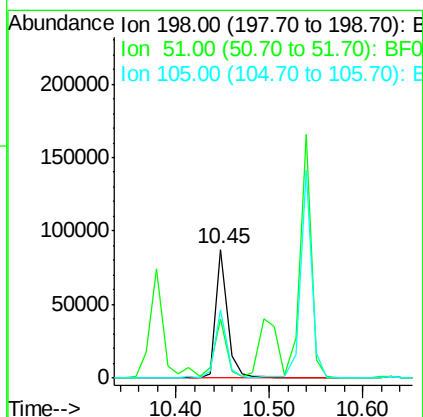
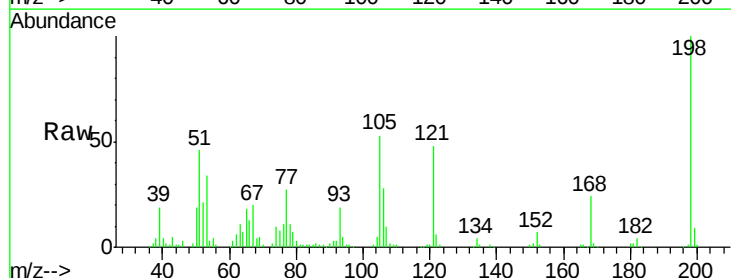
Instrument :
BNA_F
ClientSampleId :
PB89268BSD

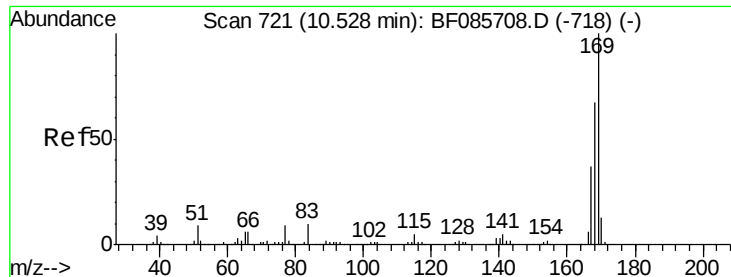
Tgt Ion:188 Resp: 356981
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 6.5 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 36.68 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:198 Resp: 76693
Ion Ratio Lower Upper
198 100
51 45.9 45.4 85.4
105 53.1 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 40.07 ng

RT: 10.50 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

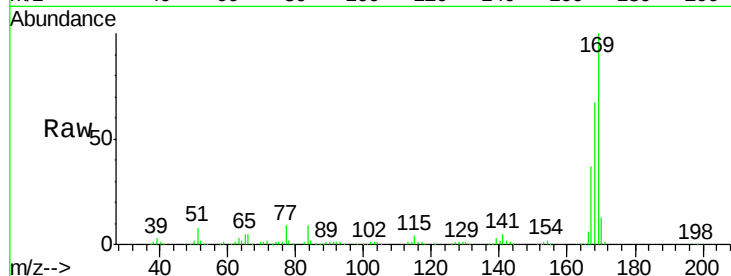
Tgt Ion:169 Resp: 453040

Ion Ratio Lower Upper

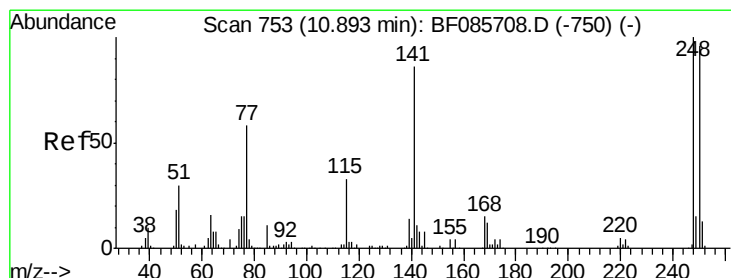
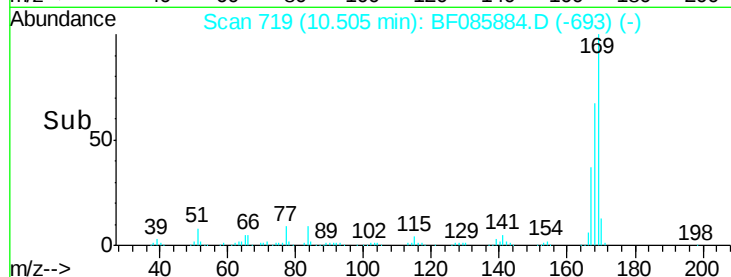
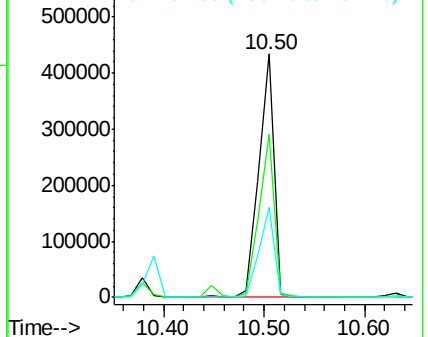
169 100

168 66.8 54.4 81.6

167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.59 ng

RT: 10.87 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

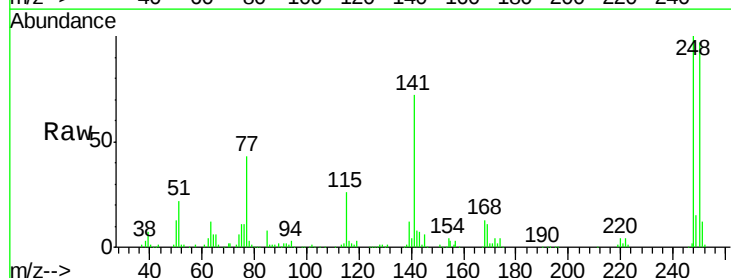
Tgt Ion:248 Resp: 140948

Ion Ratio Lower Upper

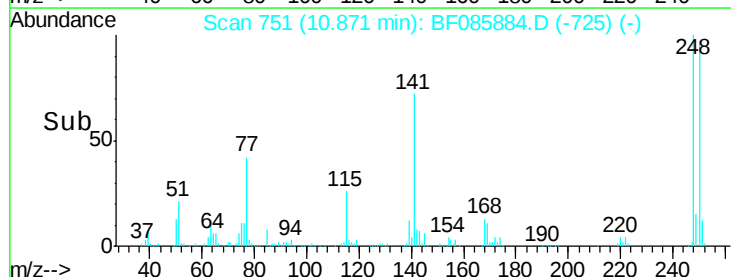
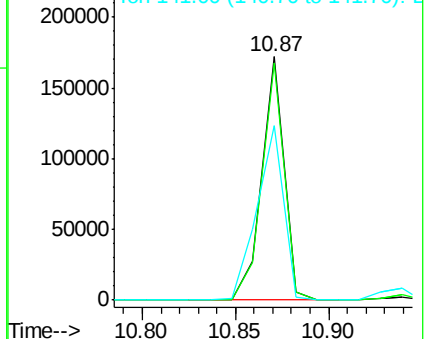
248 100

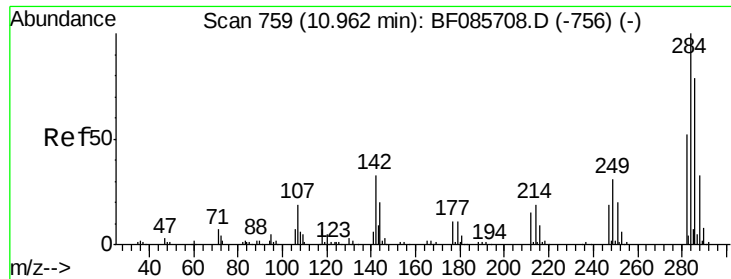
250 97.4 77.4 116.0

141 71.9 63.6 95.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

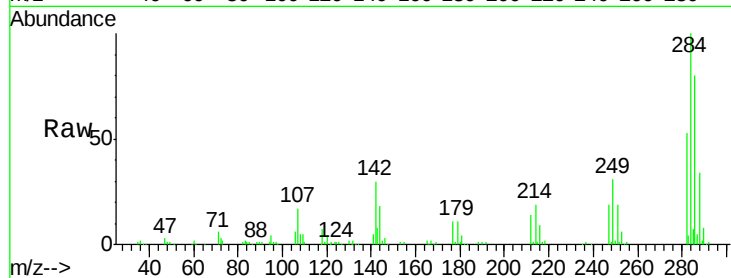




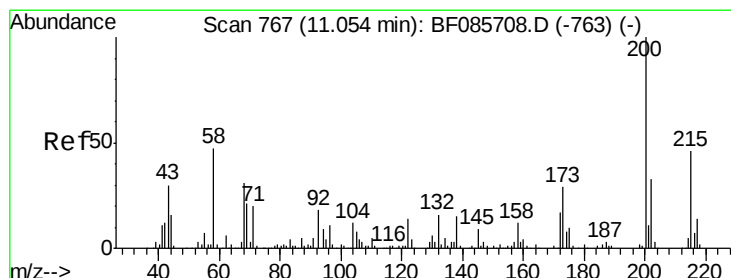
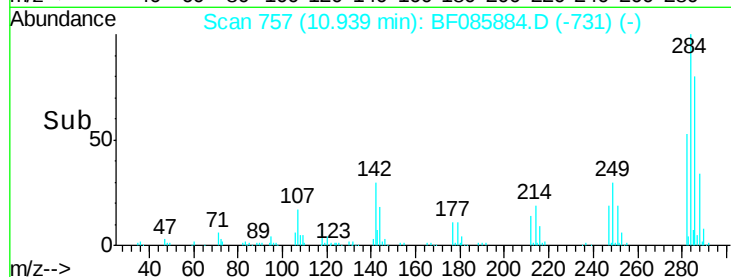
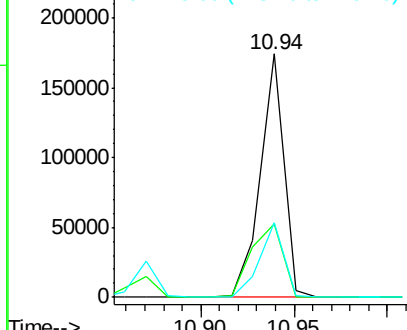
#67
Hexachlorobenzene
Concen: 39.60 ng
RT: 10.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion: 284 Resp: 151252
Ion Ratio Lower Upper
284 100
142 30.3 23.1 34.7
249 30.6 24.2 36.2

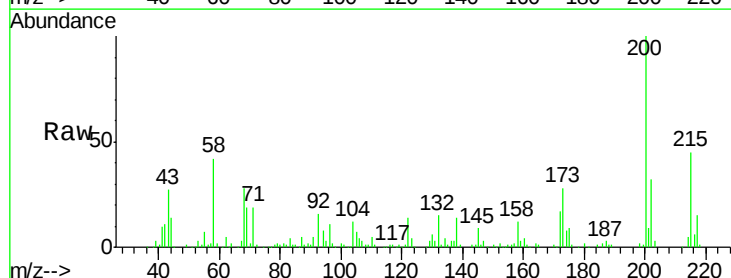


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

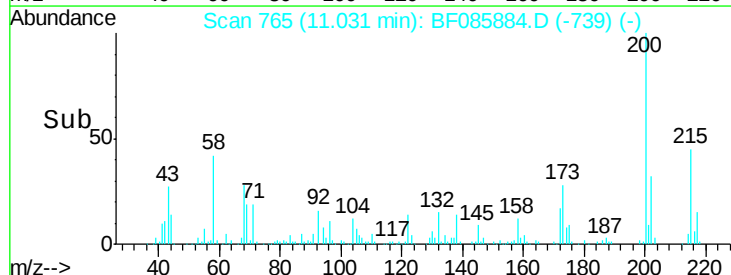
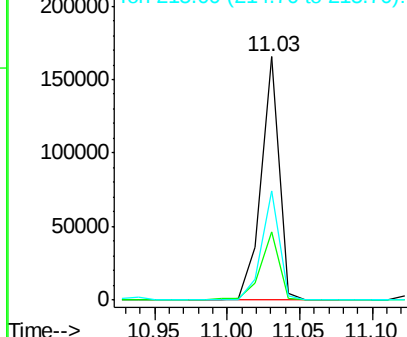


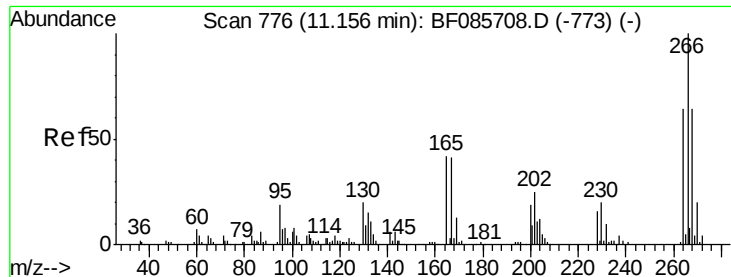
#68
Atrazine
Concen: 37.40 ng
RT: 11.03 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion: 200 Resp: 142757
Ion Ratio Lower Upper
200 100
173 28.2 7.7 47.7
215 44.7 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

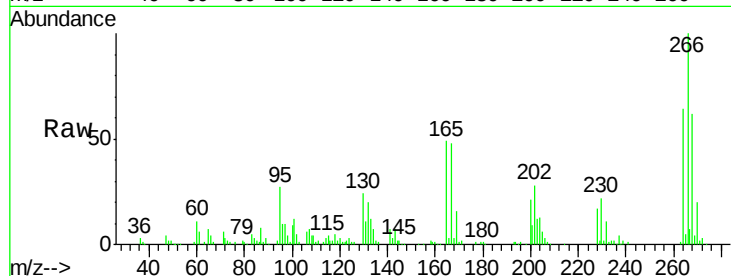




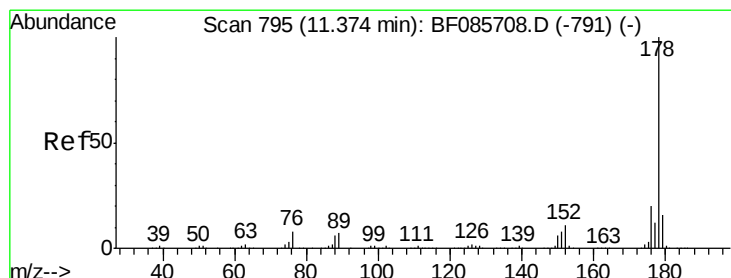
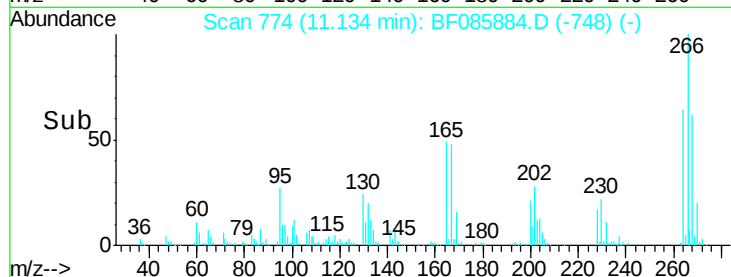
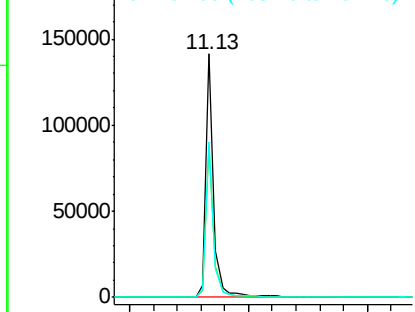
#69
 Pentachlorophenol
 Concen: 71.20 ng
 RT: 11.13 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:266 Resp: 133508
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 63.7 50.6 76.0

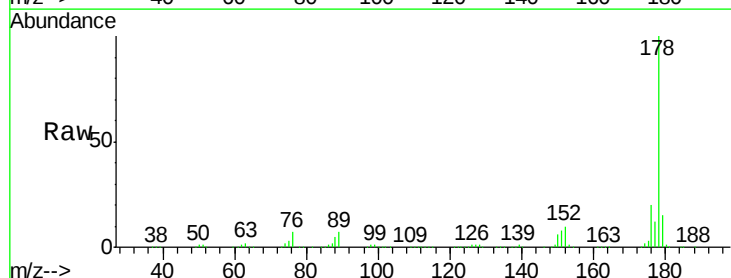


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

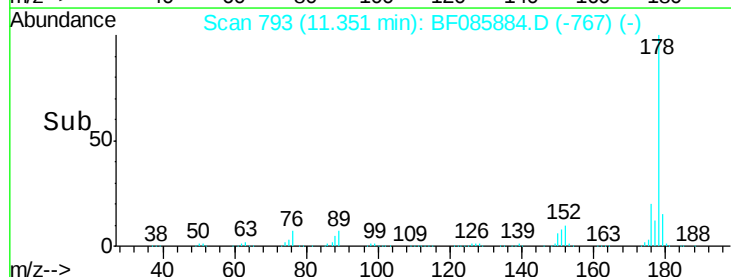
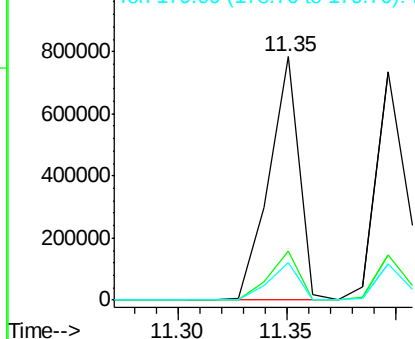


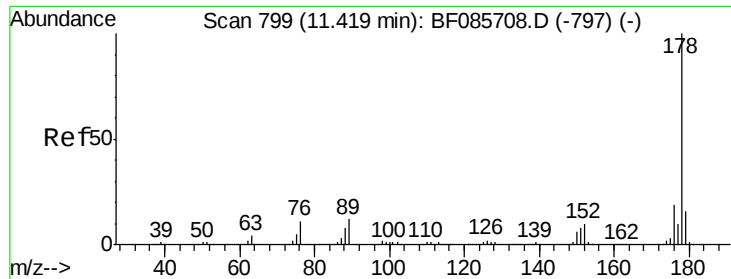
#70
 Phenanthrene
 Concen: 41.43 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:178 Resp: 759414
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.4 12.6 18.8



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

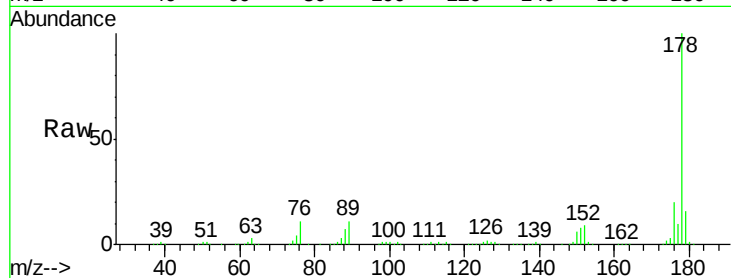




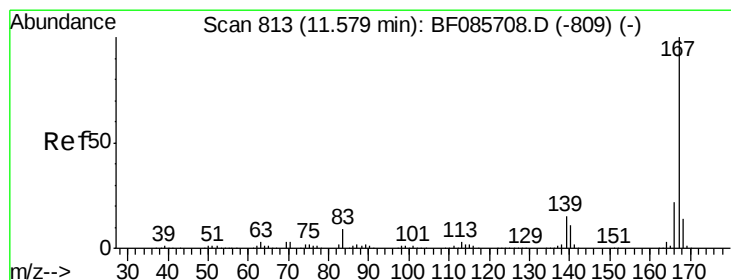
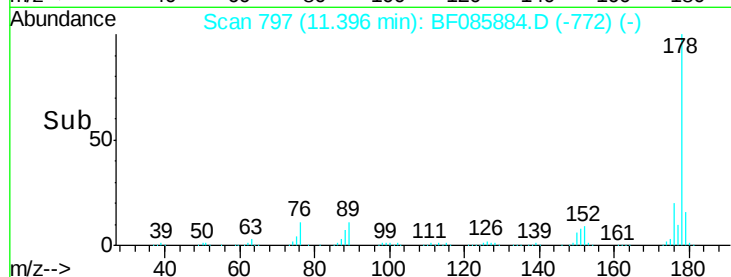
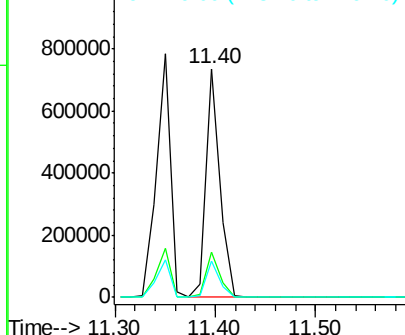
#71
 Anthracene
 Concen: 36.63 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion:178 Resp: 704838
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.9 13.0 19.4

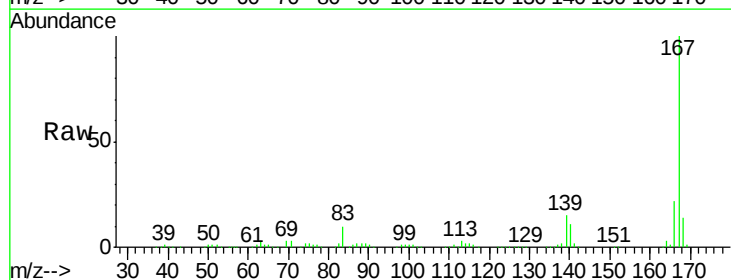


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

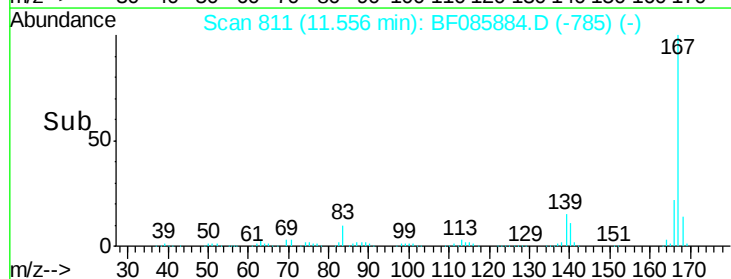
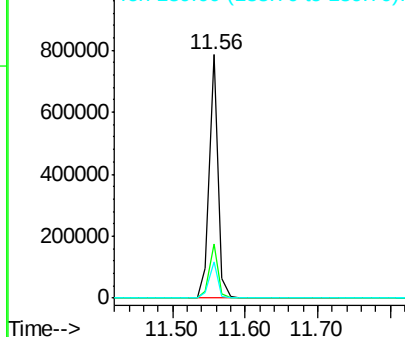


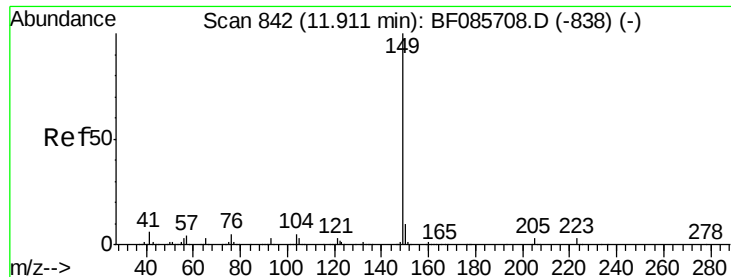
#72
 Carbazole
 Concen: 41.04 ng
 RT: 11.56 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion:167 Resp: 662941
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 15.0 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.51 ng

RT: 11.89 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

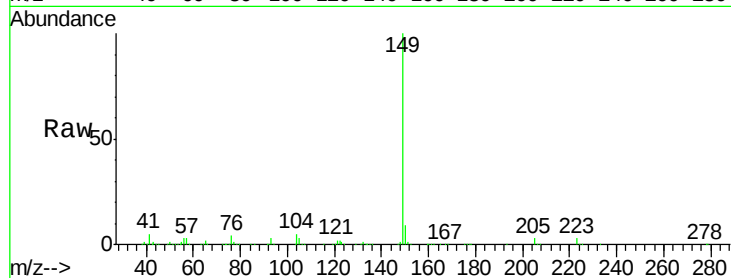
Tgt Ion:149 Resp: 853652

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

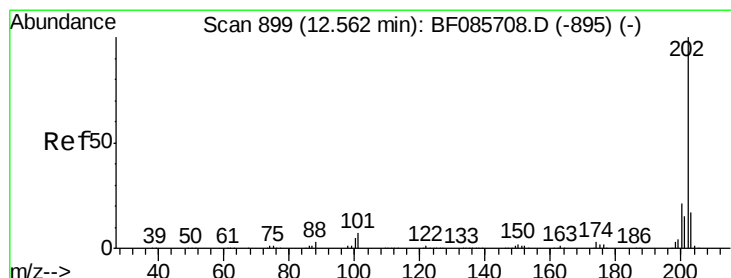
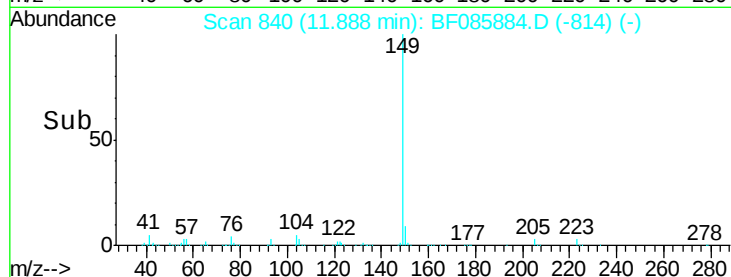
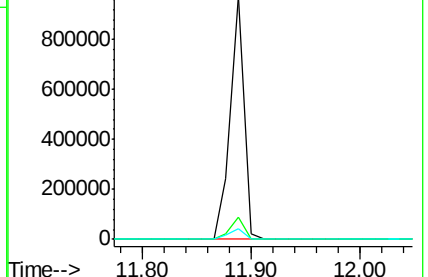
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.17 ng

RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

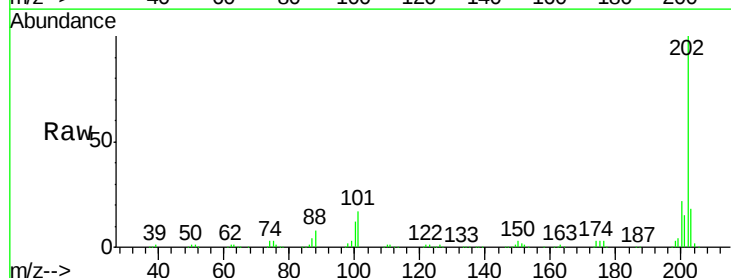
Tgt Ion:202 Resp: 724236

Ion Ratio Lower Upper

202 100

101 16.7 0.0 36.6

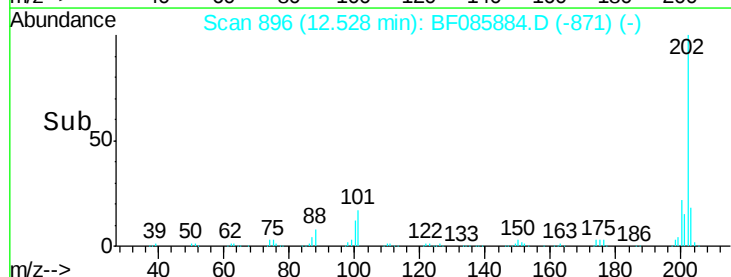
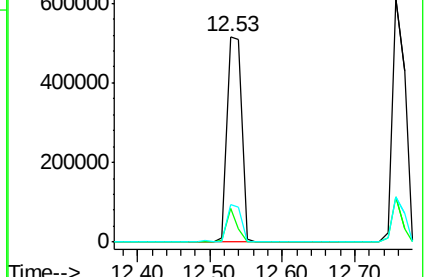
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

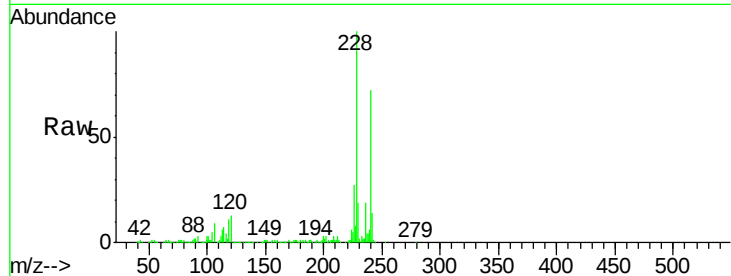
Tgt Ion:240 Resp: 270629

Ion Ratio Lower Upper

240 100

120 17.9 13.8 20.8

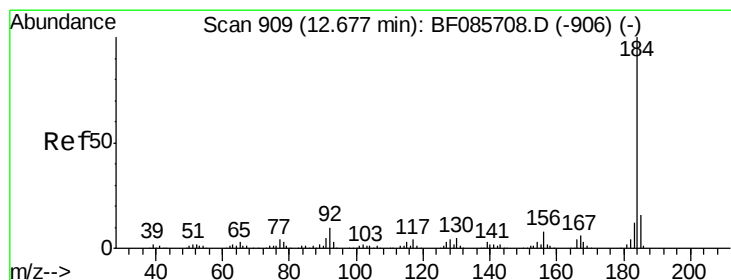
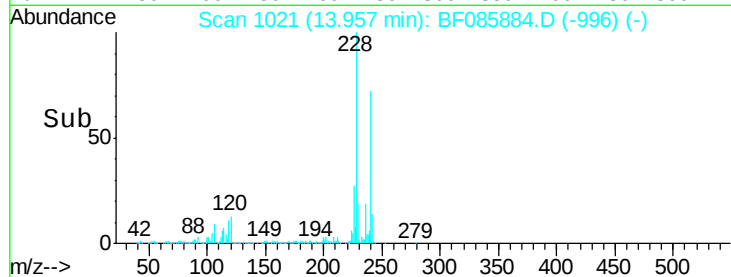
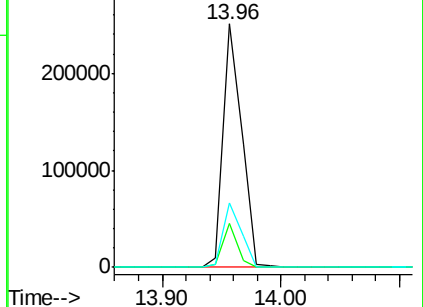
236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.63 ng

RT: 12.65 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

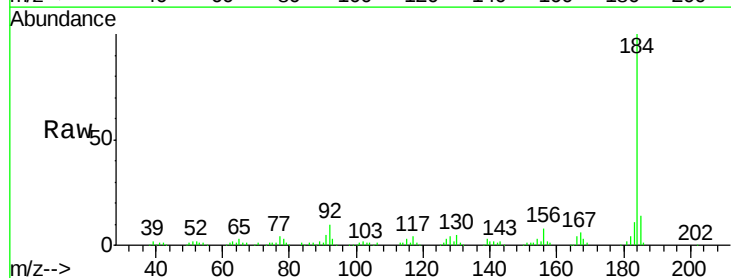
Tgt Ion:184 Resp: 225184

Ion Ratio Lower Upper

184 100

185 14.0 12.4 18.6

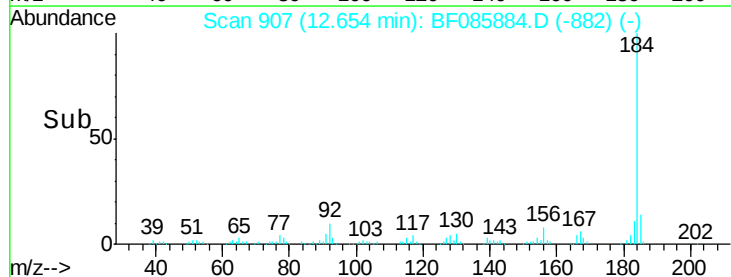
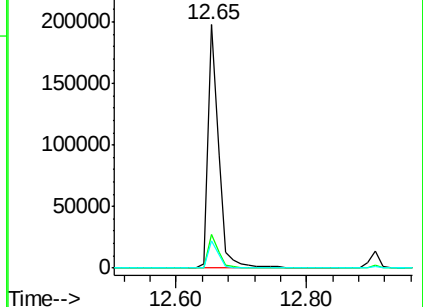
183 11.1 9.4 14.2

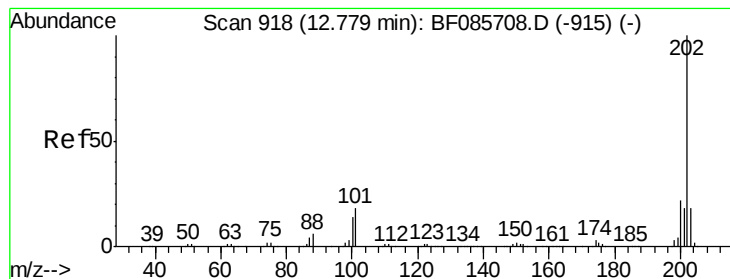


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.25 ng

RT: 12.76 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

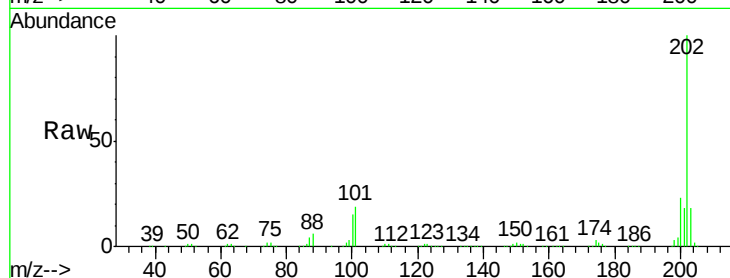
Tgt Ion:202 Resp: 739588

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

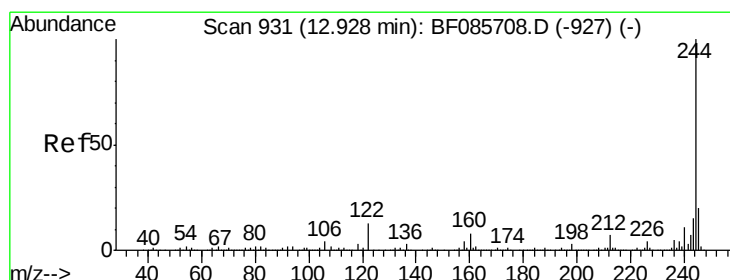
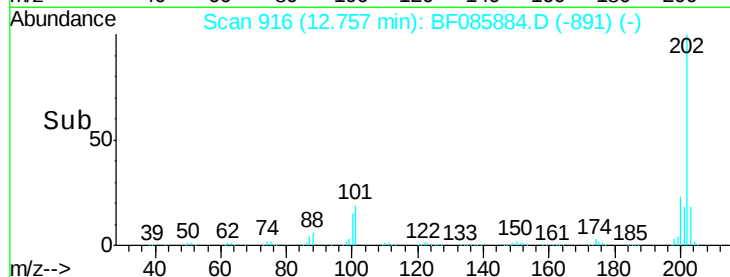
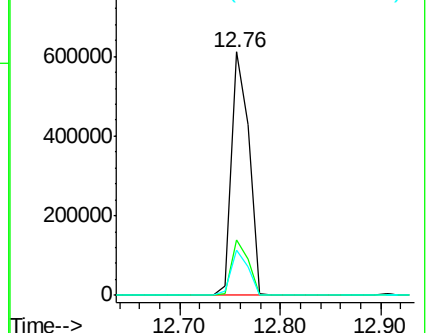
203 18.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.24 ng

RT: 12.91 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

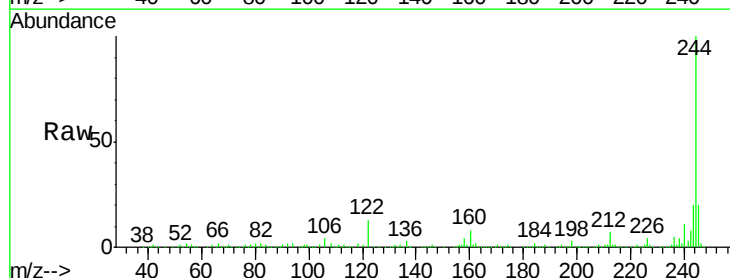
Tgt Ion:244 Resp: 819000

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

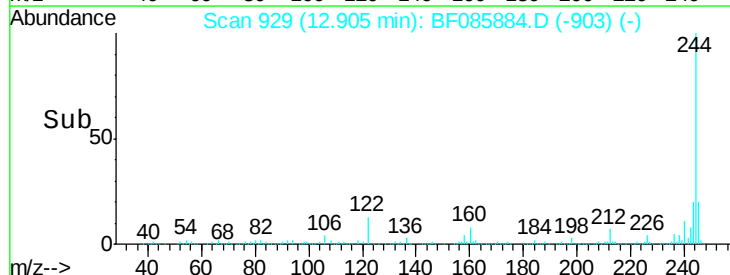
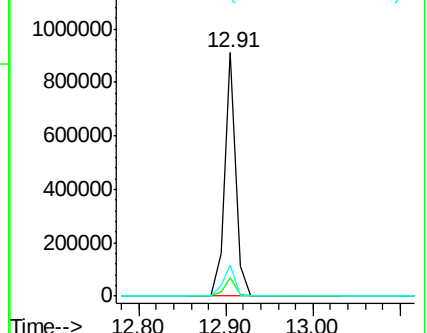
122 12.6 10.2 15.4

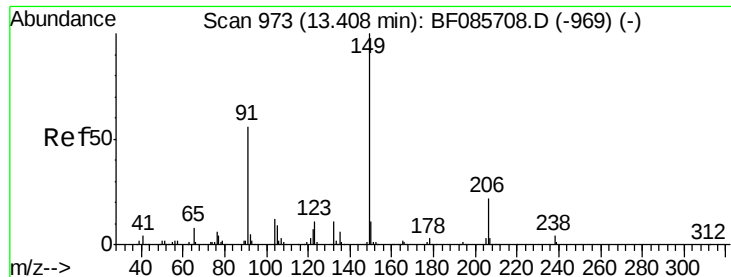


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

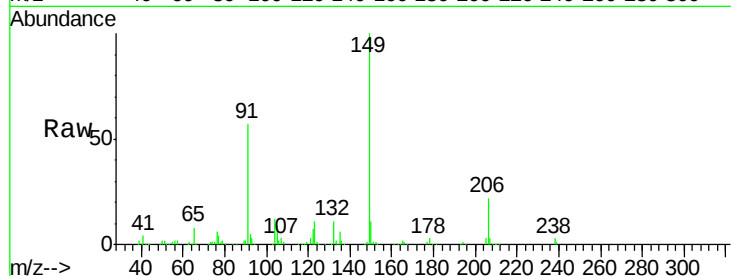




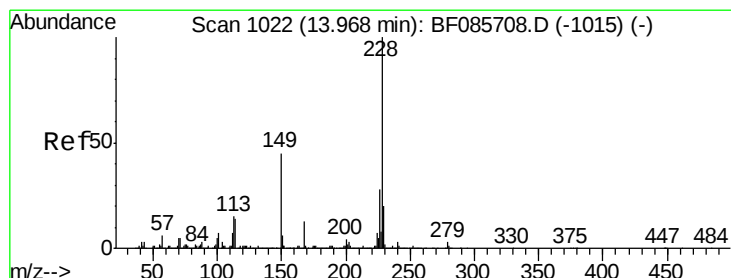
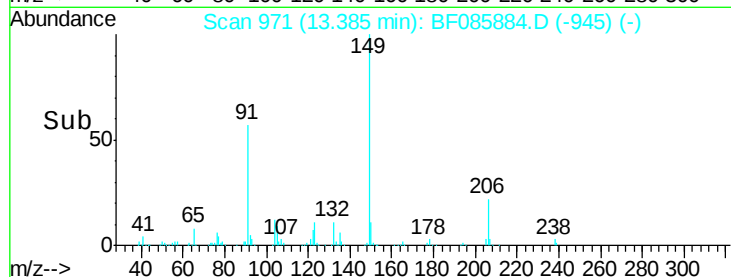
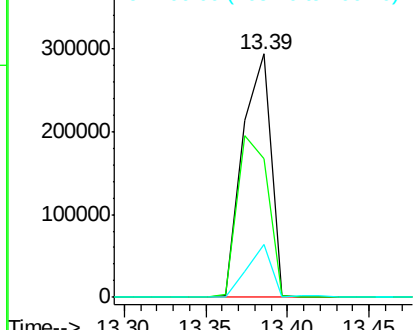
#79
Butylbenzylphthalate
Concen: 37.85 ng
RT: 13.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	56.8	45.8	68.8
206	21.6	17.8	26.8

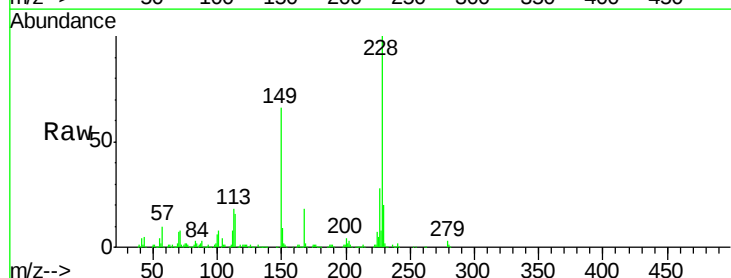


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

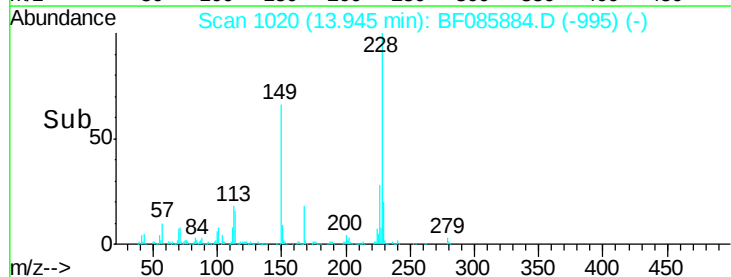
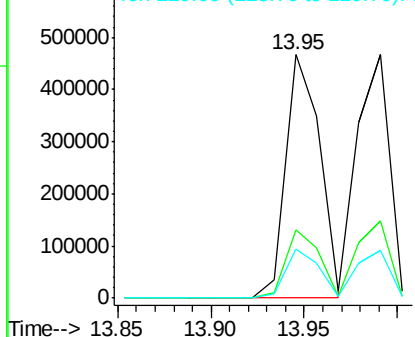


#80
Benzo(a)anthracene
Concen: 38.58 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.9	16.2	24.4



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

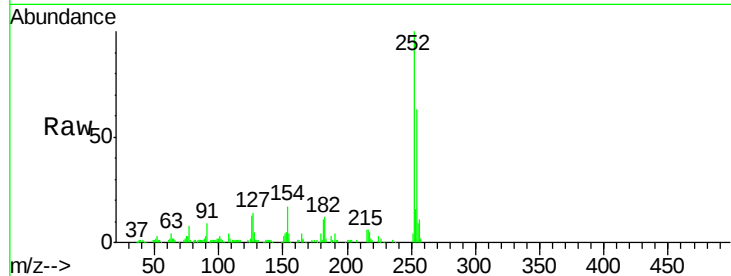




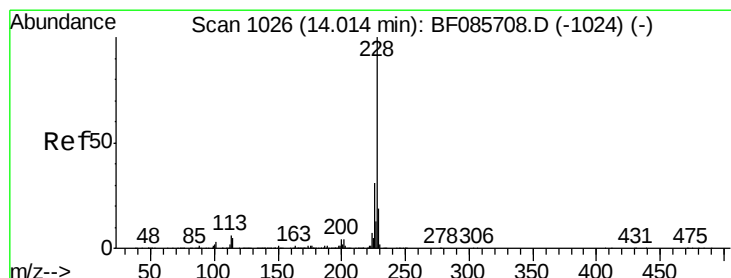
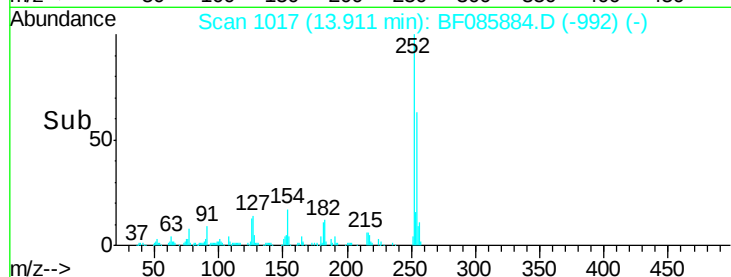
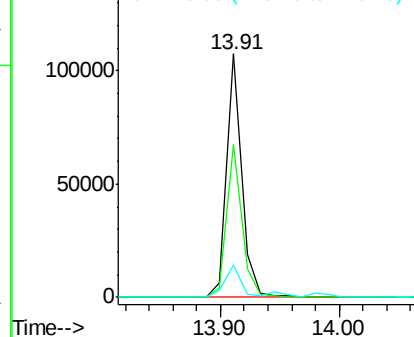
#81
 3,3'-Dichlorobenzidine
 Concen: 8.70 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.7	76.1
126	13.5	11.8	17.6

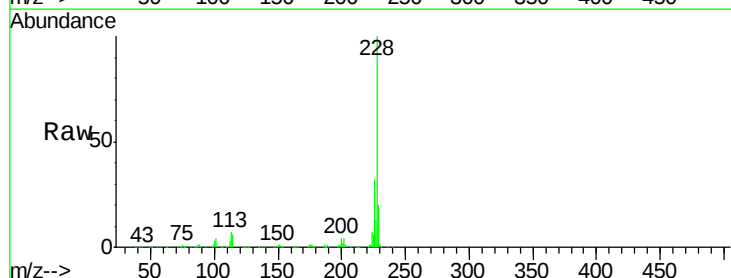


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

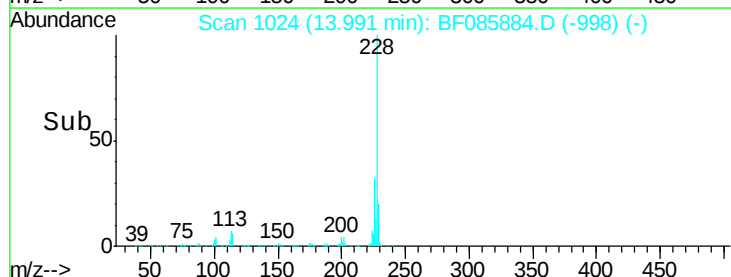
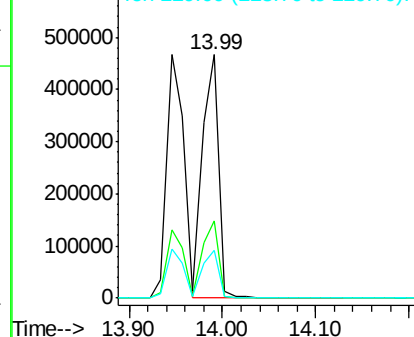


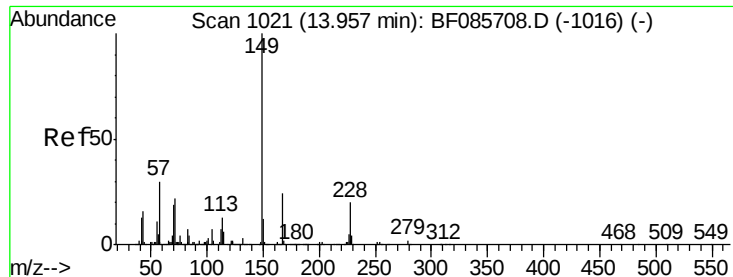
#82
 Chrysene
 Concen: 36.51 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	19.6	15.7	23.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.69 ng

RT: 13.95 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

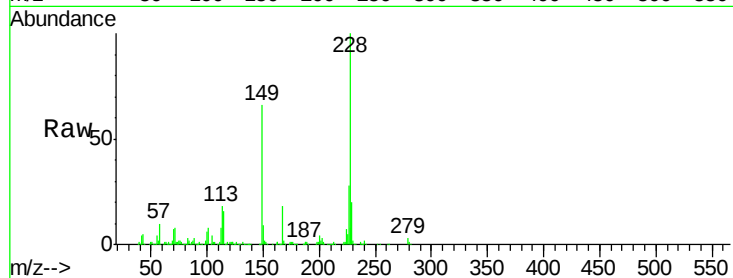
Tgt Ion:149 Resp: 431560

Ion Ratio Lower Upper

149 100

167 27.3 19.4 29.2

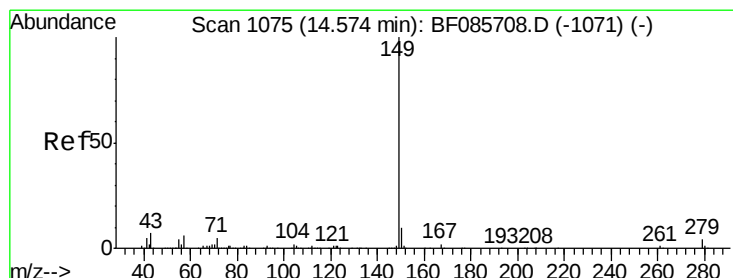
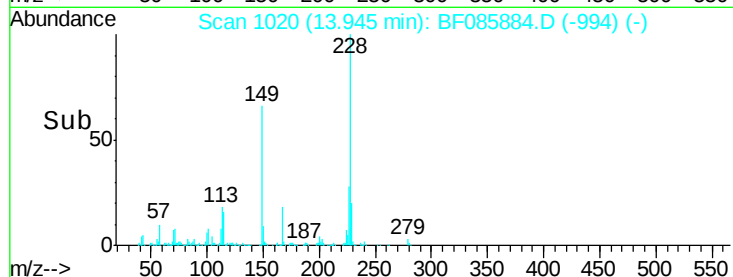
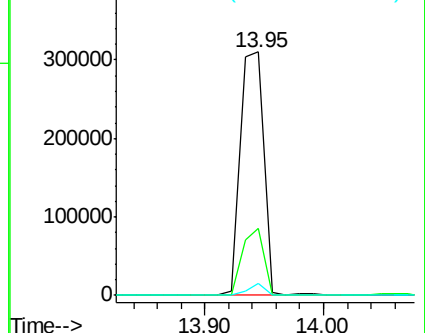
279 5.0 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.36 ng

RT: 14.55 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

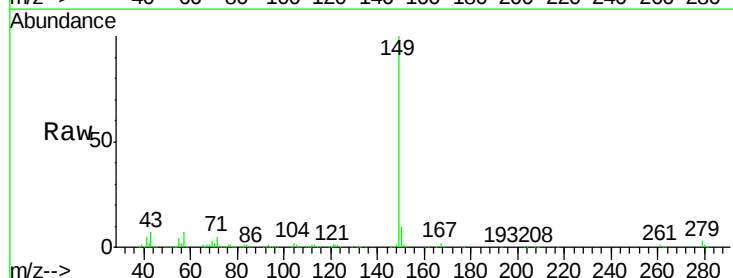
Tgt Ion:149 Resp: 702676

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

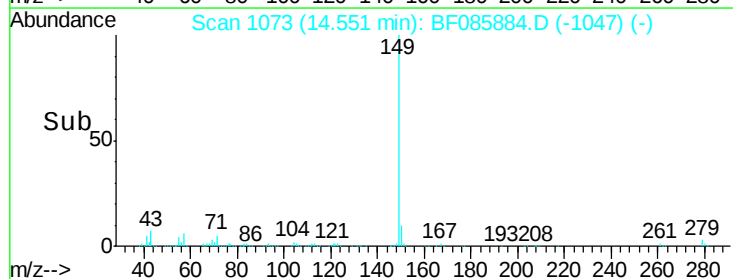
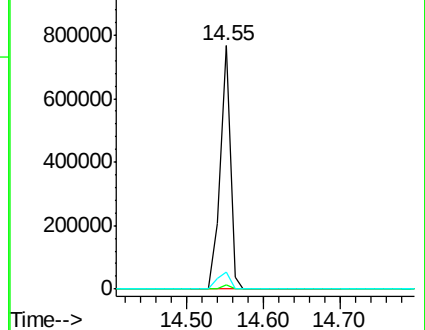
43 8.6 7.1 10.7

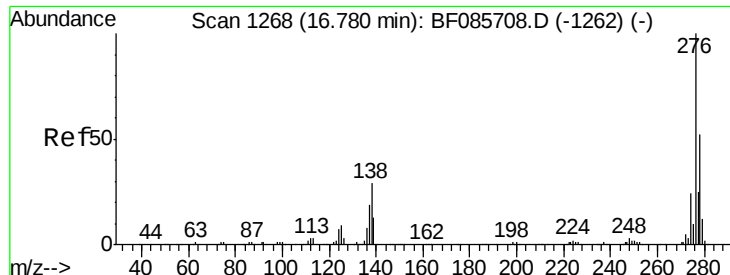


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

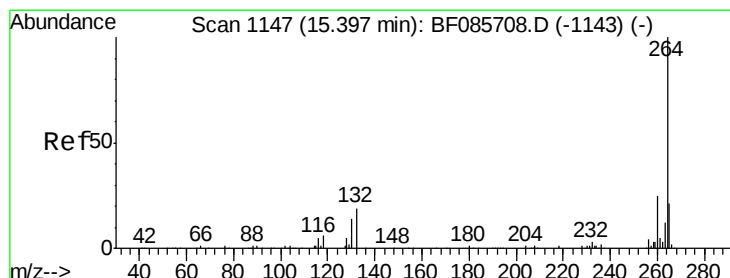
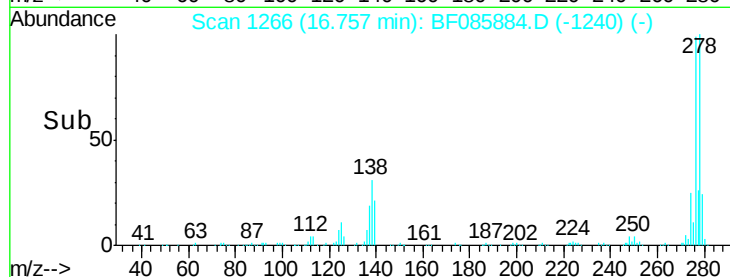
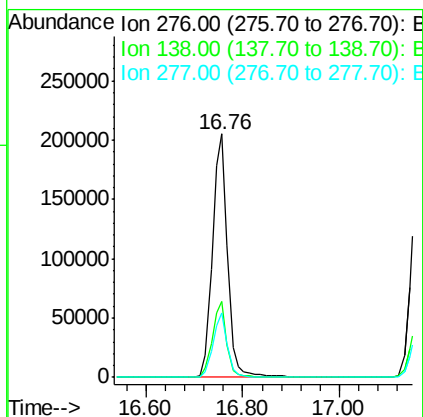
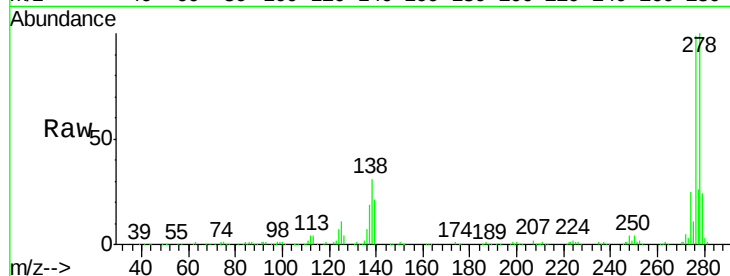




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

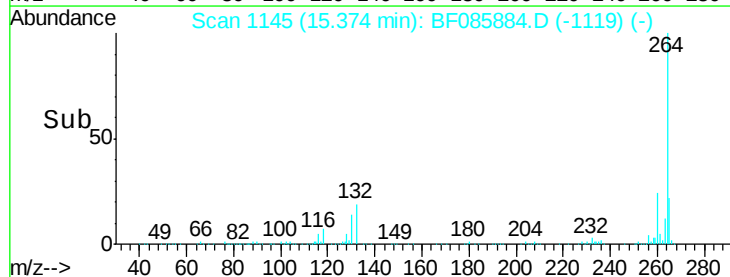
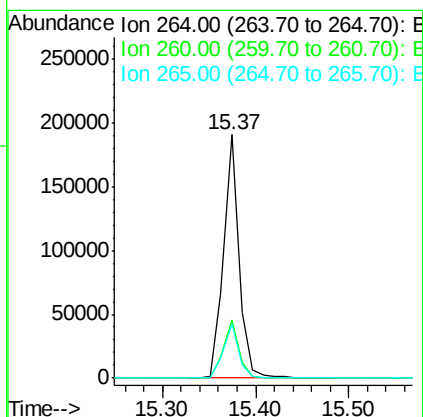
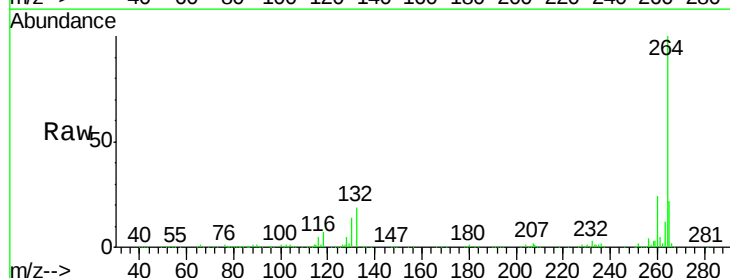
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

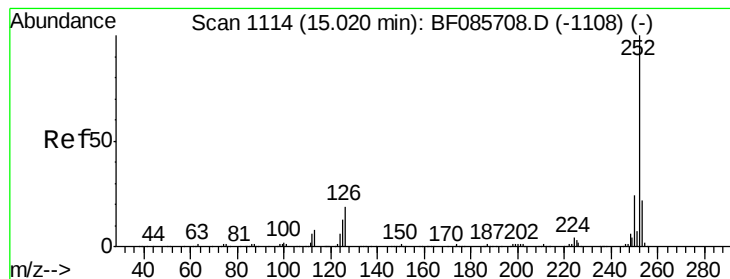
Tgt Ion: 276 Resp: 455130
 Ion Ratio Lower Upper
 276 100
 138 29.5 24.2 36.4
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion: 264 Resp: 220093
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 72.36 ng

RT: 14.97 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

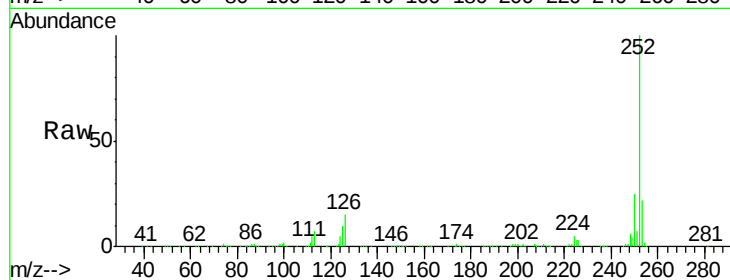
Tgt Ion:252 Resp: 1003308

Ion Ratio Lower Upper

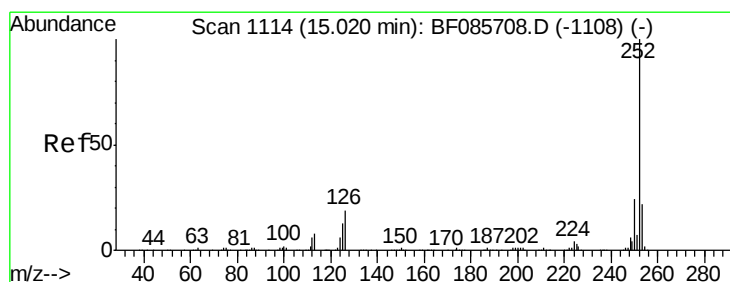
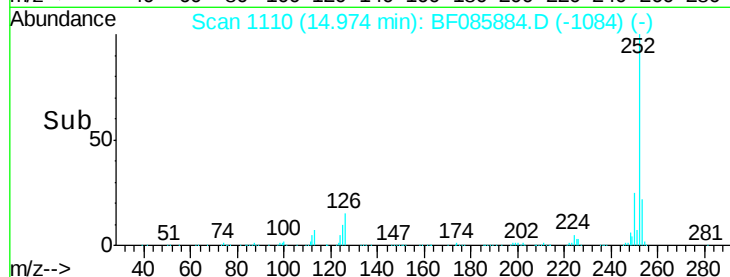
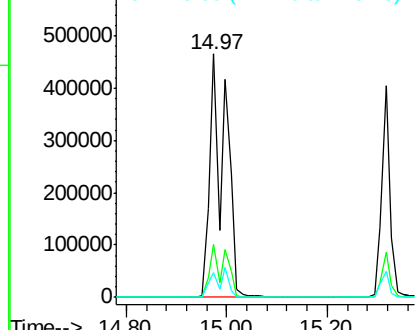
252 100

253 21.7 17.6 26.4

125 10.3 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.28 ng

RT: 14.97 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

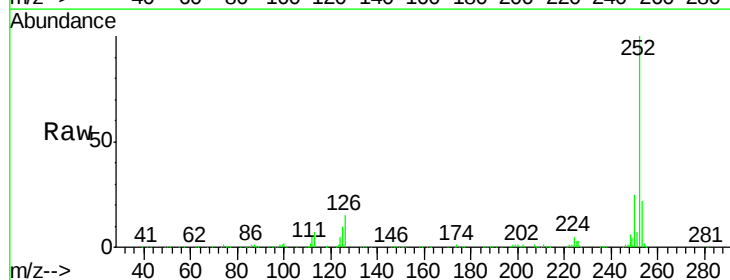
Tgt Ion:252 Resp: 1003514

Ion Ratio Lower Upper

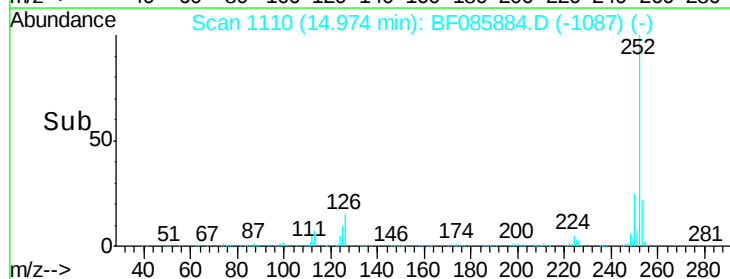
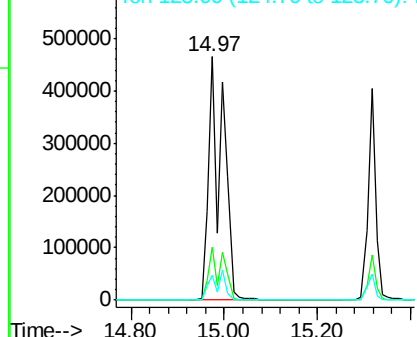
252 100

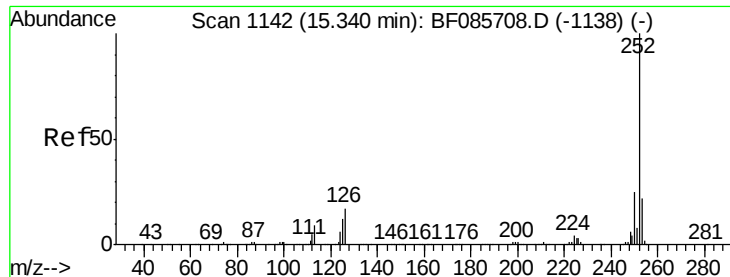
253 21.7 17.8 26.6

125 10.3 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.32 ng

RT: 15.32 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

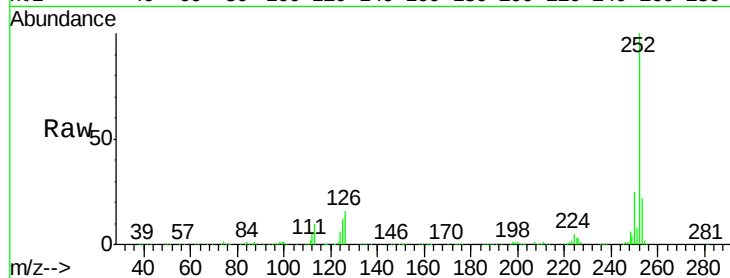
Tgt Ion:252 Resp: 471734

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

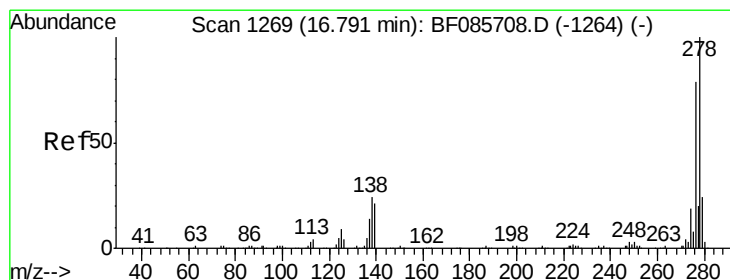
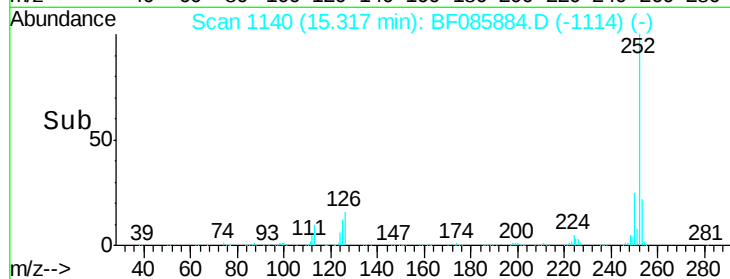
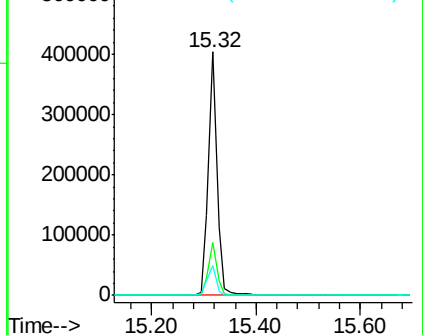
125 12.2 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.64 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

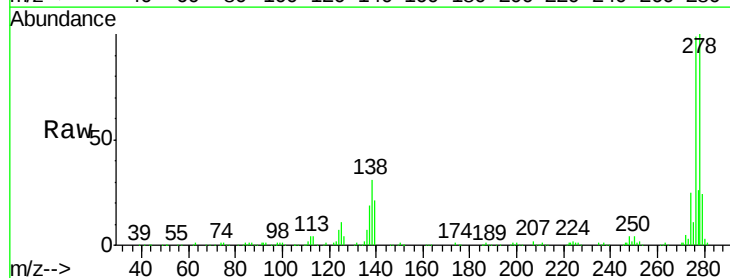
Tgt Ion:278 Resp: 384770

Ion Ratio Lower Upper

278 100

139 21.1 14.4 21.6

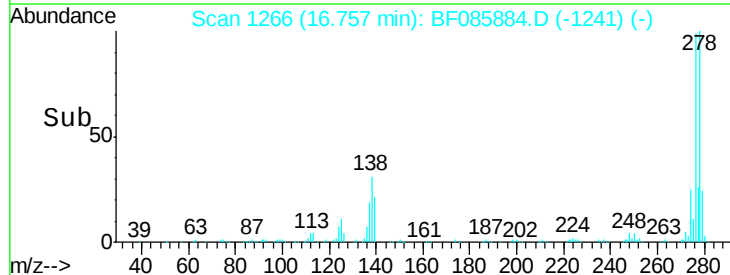
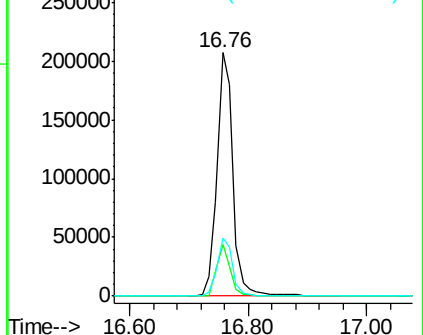
279 23.9 19.1 28.7

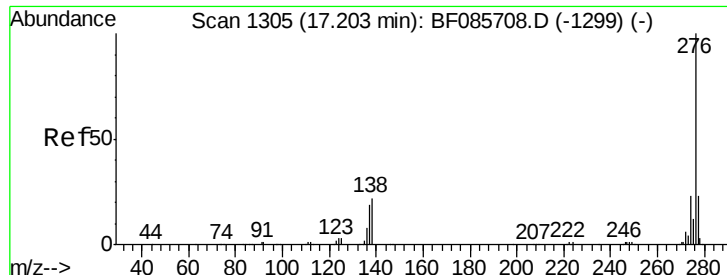


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.77 ng

RT: 17.17 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

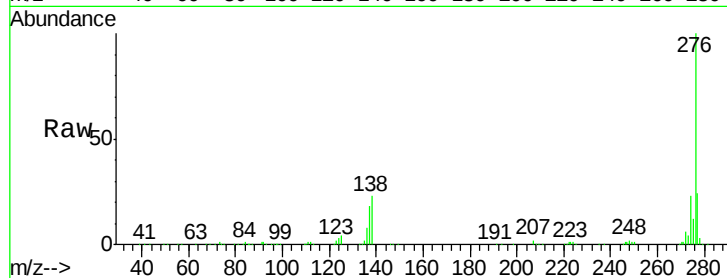
Tgt Ion:276 Resp: 379575

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.5 22.6 34.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

