

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085878.D
 Acq On : 30 Mar 2016 10:56
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 12:44:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131146	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	521844	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	240128	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	455638	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	334569	20.00	ng	-0.01
86) Perylene-d12	15.37	264	264128	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	660188	83.84	ng	-0.01
7) Phenol-d6	6.45	99	819093	81.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	743793	80.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	173227	75.93	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1154429	80.32	ng	-0.02
78) Terphenyl-d14	12.91	244	1139735	70.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	153446m	40.81	ng	
3) Pyridine	3.05	79	352784	39.13	ng	99
4) n-Nitrosodimethylamine	3.01	42	167307	46.36	ng	100
6) Aniline	6.46	93	513445	38.10	ng	# 27
8) 2-Chlorophenol	6.58	128	377125	41.22	ng	95
9) Benzaldehyde	6.34	77	220221	36.51	ng	98
10) Phenol	6.46	94	493082	43.47	ng	77
11) bis(2-Chloroethyl)ether	6.54	93	331950	38.03	ng	97
12) 1,3-Dichlorobenzene	6.74	146	395174	40.11	ng	99
13) 1,4-Dichlorobenzene	6.81	146	389493	38.98	ng	99
14) 1,2-Dichlorobenzene	6.97	146	387471	41.61	ng	100
15) Benzyl Alcohol	6.95	79	261561	39.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	470823	40.65	ng	95
17) 2-Methylphenol	7.06	107	280703	38.32	ng	98
18) Hexachloroethane	7.32	117	147409	40.29	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	228427	38.10	ng	96
20) 3+4-Methylphenols	7.22	107	338525	38.44	ng	# 84
22) Acetophenone	7.21	105	476637	39.21	ng	98
24) Nitrobenzene	7.40	77	384444	40.24	ng	# 78
25) Isophorone	7.64	82	720274	40.35	ng	94
26) 2-Nitrophenol	7.70	139	189226	39.60	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	343470	41.12	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	416199	40.92	ng	99
29) 2,4-Dichlorophenol	7.96	162	291316	41.49	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	314379	40.33	ng	93
31) Naphthalene	8.10	128	1016462	38.66	ng	100
32) Benzoic acid	7.89	122	250092	45.08	ng	99
33) 4-Chloroaniline	8.16	127	405452	37.77	ng	# 94
34) Hexachlorobutadiene	8.23	225	174978	41.30	ng	99
35) Caprolactam	8.55	113	95885	38.55	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	334063	40.73	ng	99
37) 2-Methylnaphthalene	8.80	142	660449	42.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302369	42.46	ng	99
40) Hexachlorocyclopentadiene	8.95	237	85297	34.63	ng	99

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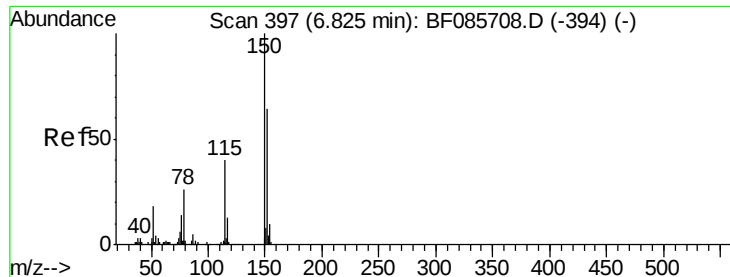
Instrument :
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Quant Time: Mar 30 12:44:00 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203415	42.30	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	197941	39.25	ng	98
45) 1,1'-Biphenyl	9.27	154	849023	41.90	ng	95
46) 2-Chloronaphthalene	9.29	162	642978	43.16	ng	97
47) 2-Nitroaniline	9.40	65	190224	41.75	ng	# 69
48) Acenaphthylene	9.70	152	950068	39.13	ng	100
49) Dimethylphthalate	9.57	163	701600	38.51	ng	99
50) 2,6-Dinitrotoluene	9.64	165	165492	42.20	ng	87
51) Acenaphthene	9.88	154	554329	37.38	ng	99
52) 3-Nitroaniline	9.81	138	205765	45.84	ng	89
53) 2,4-Dinitrophenol	9.92	184	75002	41.04	ng	# 65
54) Dibenzofuran	10.05	168	730511	38.06	ng	98
55) 4-Nitrophenol	9.98	139	118717	40.60	ng	87
56) 2,4-Dinitrotoluene	10.04	165	186721	37.46	ng	# 45
57) Fluorene	10.39	166	629191	39.44	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	145564	41.53	ng	96
59) Diethylphthalate	10.26	149	671175	37.29	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	285195	36.56	ng	97
61) 4-Nitroaniline	10.42	138	193105	44.98	ng	94
62) Azobenzene	10.54	77	672476	38.88	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	105728	39.62	ng	94
65) n-Nitrosodiphenylamine	10.50	169	565118	39.16	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	183318	39.33	ng	95
67) Hexachlorobenzene	10.94	284	188714	38.71	ng	# 85
68) Atrazine	11.03	200	161304	33.11	ng	97
69) Pentachlorophenol	11.13	266	95936	40.09	ng	98
70) Phenanthrene	11.35	178	935382	39.98	ng	100
71) Anthracene	11.41	178	983604	40.05	ng	98
72) Carbazole	11.56	167	789178	38.27	ng	99
73) Di-n-butylphthalate	11.89	149	1053042	37.21	ng	99
74) Fluoranthene	12.54	202	1016283	40.87	ng	92
76) Benzidine	12.67	184	385554	32.72	ng	97
77) Pyrene	12.77	202	1037623	37.73	ng	99
79) Butylbenzylphthalate	13.39	149	477858	41.49	ng	93
80) Benzo(a)anthracene	13.96	228	772981	40.52	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	615304	46.47	ng	# 96
82) Chrysene	13.99	228	756504	39.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	562496	40.79	ng	# 94
84) Di-n-octyl phthalate	14.55	149	861051	41.99	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	619585	41.76	ng	98
87) Benzo(h)fluoranthene	14.97	252	615569m	37.00	ng	
88) Benzo(k)fluoranthene	15.01	252	643444m	42.90	ng	
89) Benzo(a)pyrene	15.32	252	583133	39.47	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	519696	37.86	ng	100
91) Benzo(g,h,i)perylene	17.17	276	522559	37.60	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

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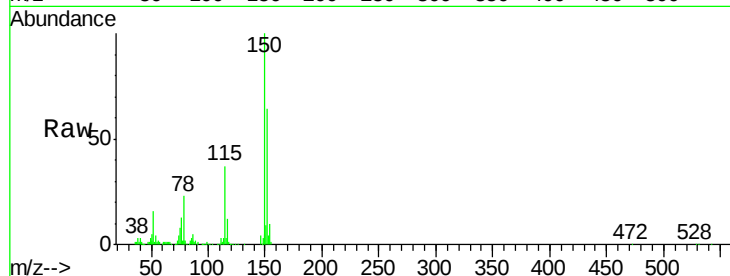
Tgt Ion:152 Resp: 131146

Ion Ratio Lower Upper

152 100

150 156.0 124.2 186.2

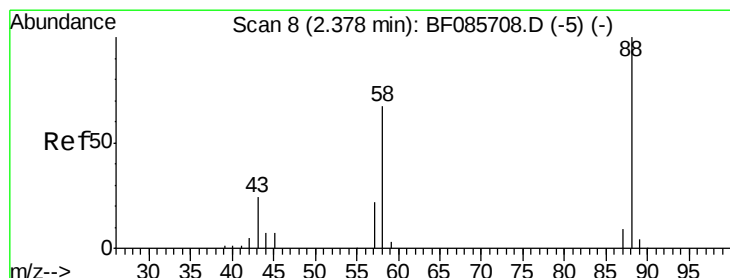
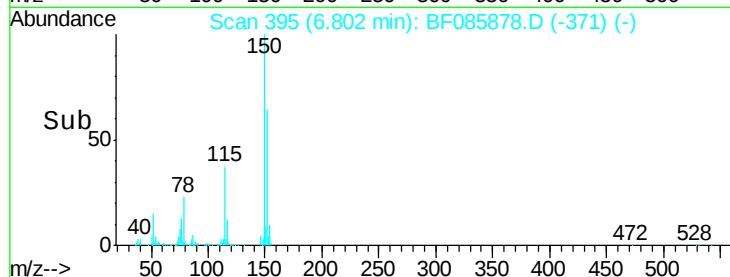
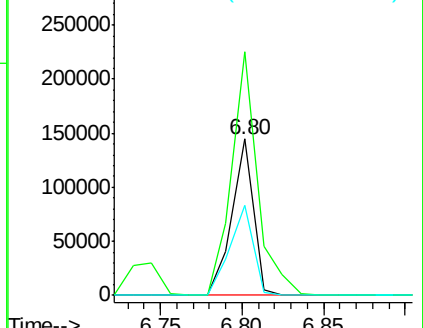
115 57.8 47.0 70.6



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: 40.81 ng m

RT: 2.33 min Scan# 4

Delta R.T. -0.05 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

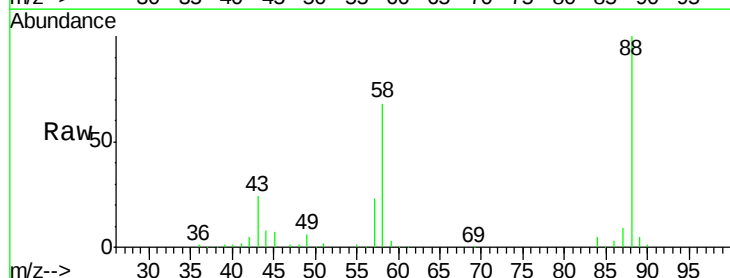
Tgt Ion: 88 Resp: 153446

Ion Ratio Lower Upper

88 100

58 59.7 54.2 81.2

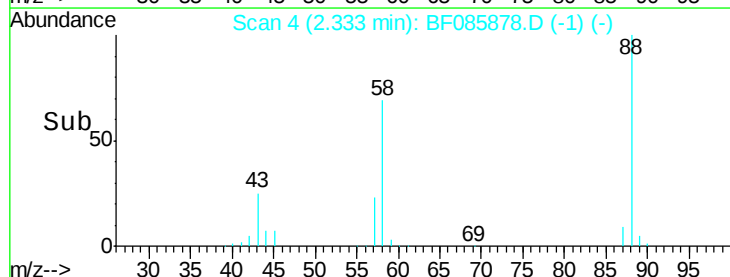
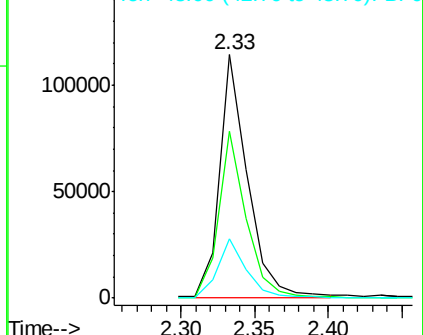
43 22.6 19.3 28.9

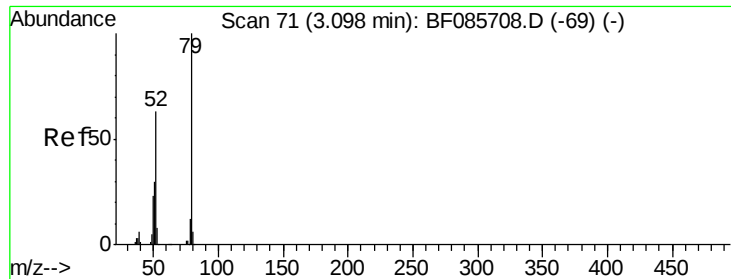


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.13 ng

RT: 3.05 min Scan# 67

Delta R.T. -0.05 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

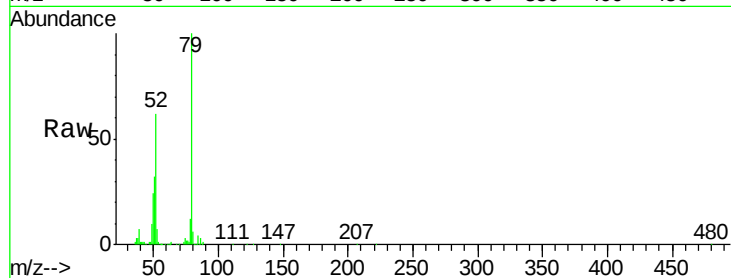
Tgt Ion: 79 Resp: 352784

Ion Ratio Lower Upper

79 100

52 61.6 49.8 74.6

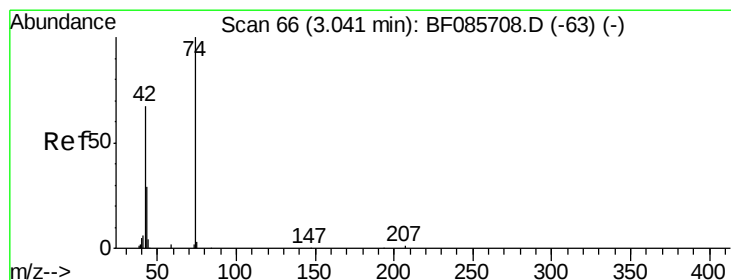
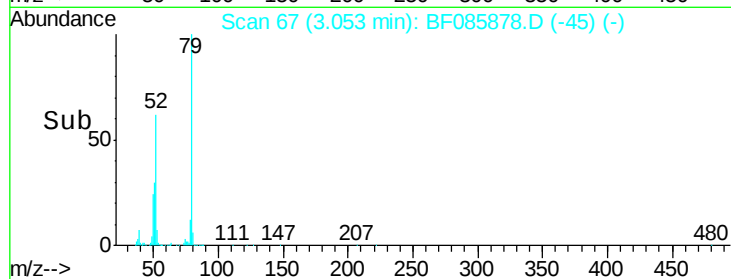
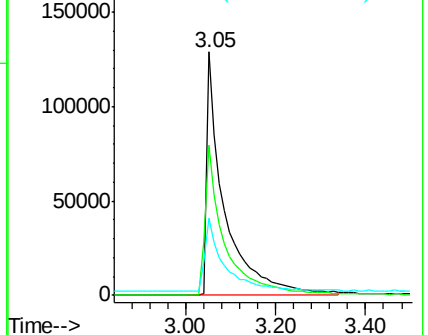
51 31.8 24.7 37.1



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: 46.36 ng

RT: 3.01 min Scan# 63

Delta R.T. -0.03 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

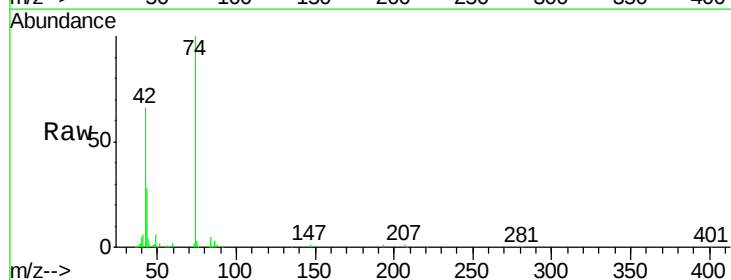
Tgt Ion: 42 Resp: 167307

Ion Ratio Lower Upper

42 100

74 152.1 121.4 182.2

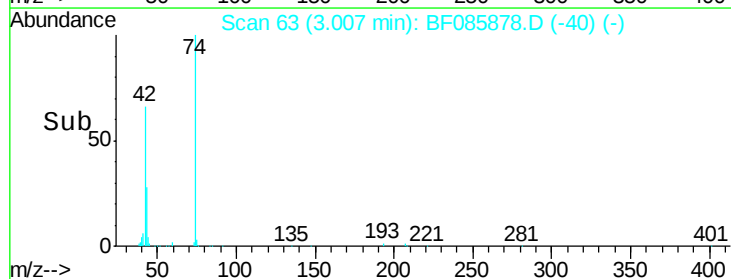
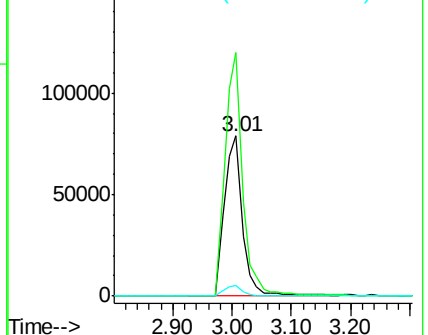
44 6.7 5.6 8.4

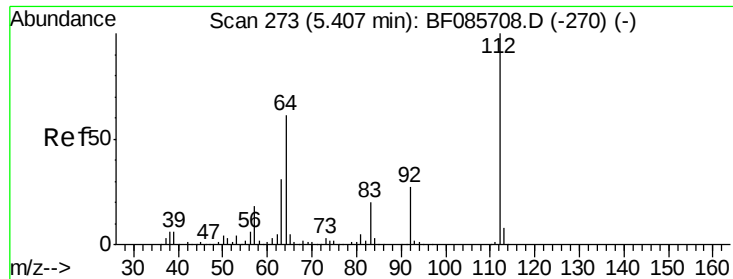


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.84 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

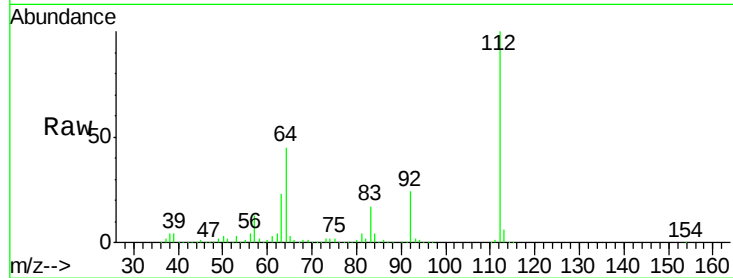
Tgt Ion: 112 Resp: 660188

Ion Ratio Lower Upper

112 100

64 44.6 39.9 59.9

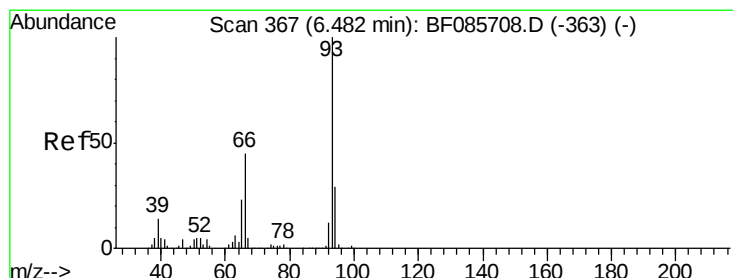
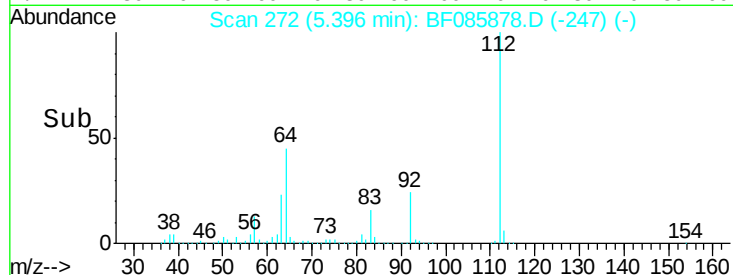
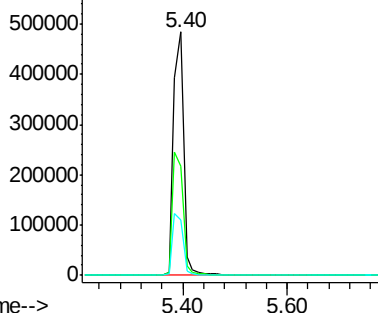
63 22.8 20.2 30.2



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: 38.10 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

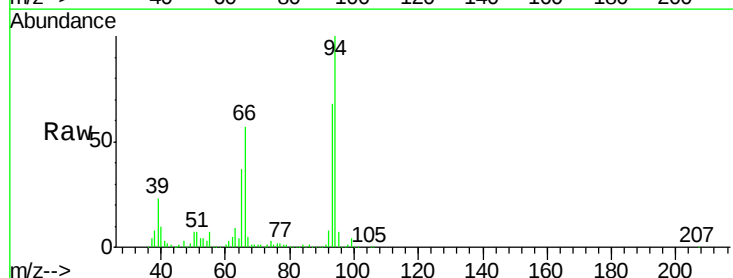
Tgt Ion: 93 Resp: 513445

Ion Ratio Lower Upper

93 100

66 83.7 31.4 47.2#

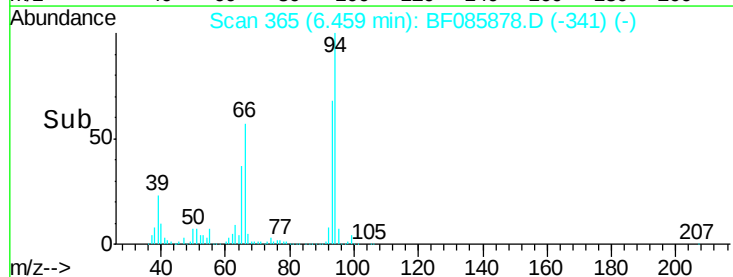
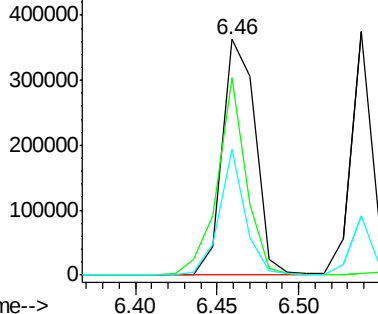
65 53.6 15.7 23.5#

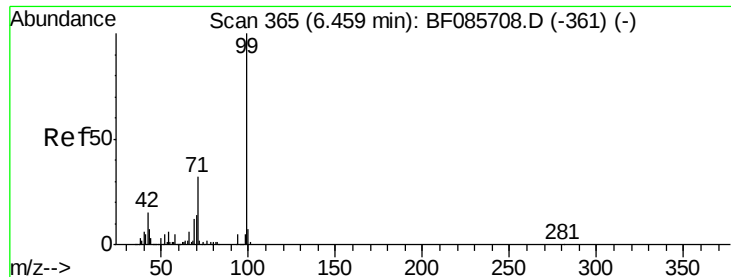


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.81 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

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ClientSampleId :

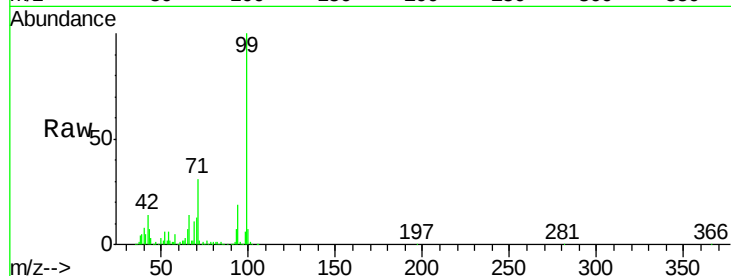
Tgt Ion: 99 Resp: 819093

Ion Ratio Lower Upper

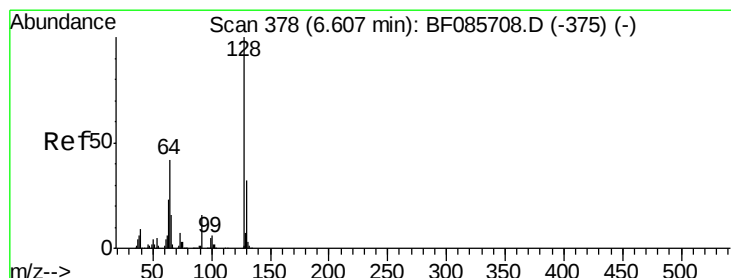
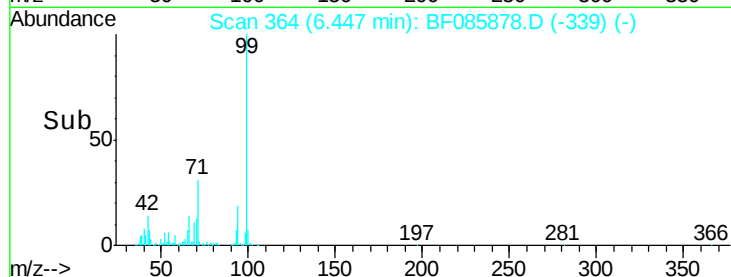
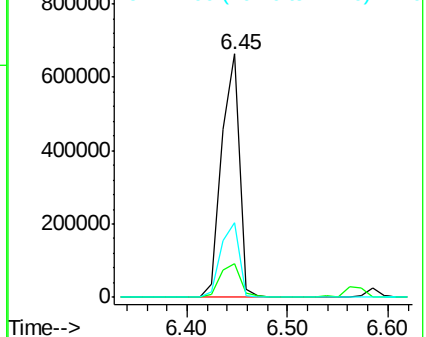
99 100

42 13.9 11.1 16.7

71 30.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.22 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

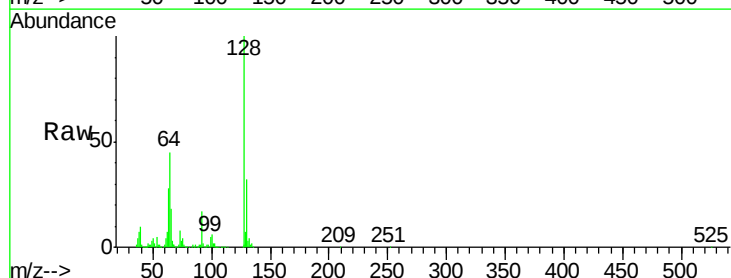
Tgt Ion: 128 Resp: 377125

Ion Ratio Lower Upper

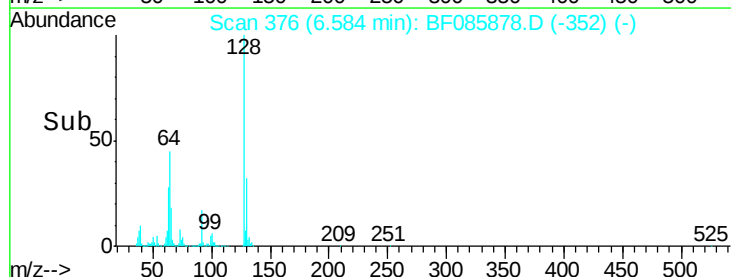
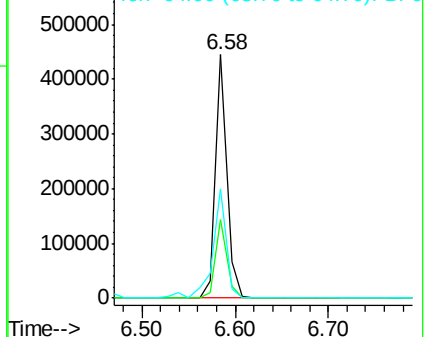
128 100

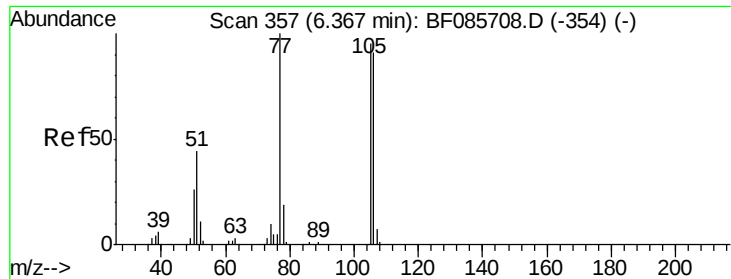
130 32.3 12.9 52.9

64 45.0 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.51 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

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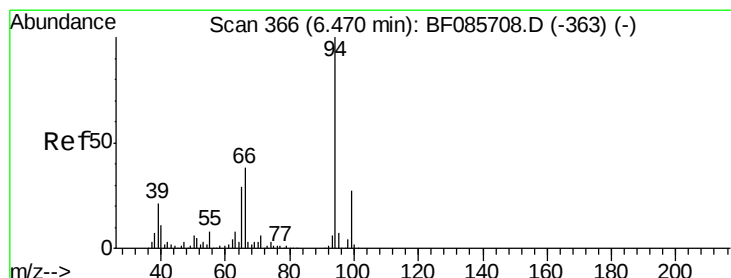
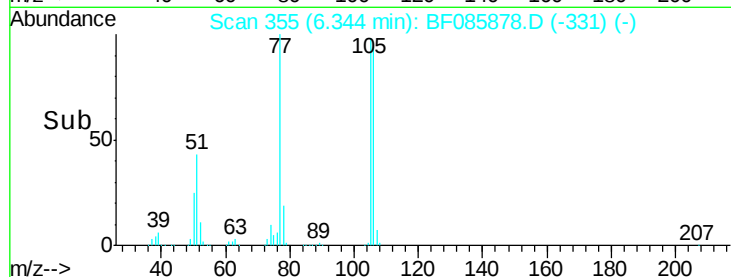
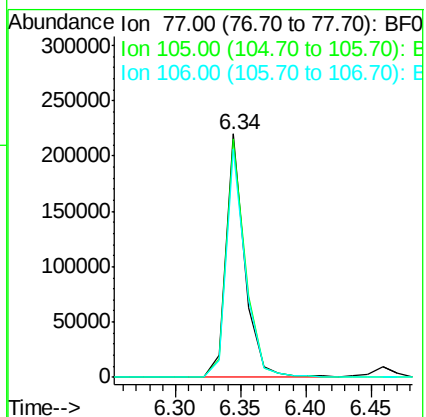
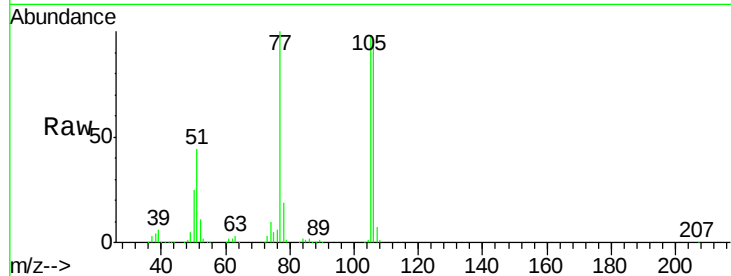
Tgt Ion: 77 Resp: 220221

Ion Ratio Lower Upper

77 100

105 97.8 80.1 120.1

106 93.8 75.0 115.0



#10

Phenol

Concen: 43.47 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF085878.D

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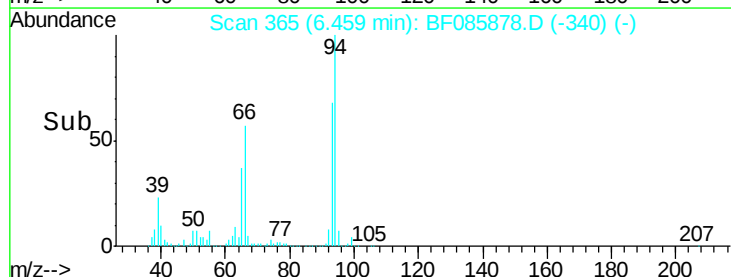
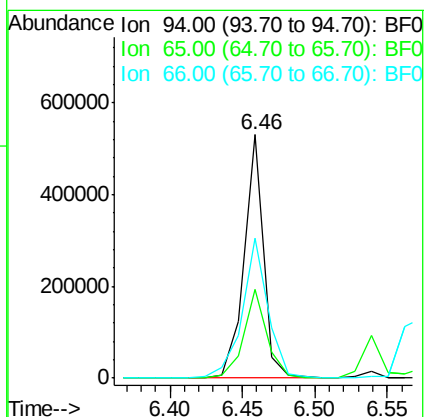
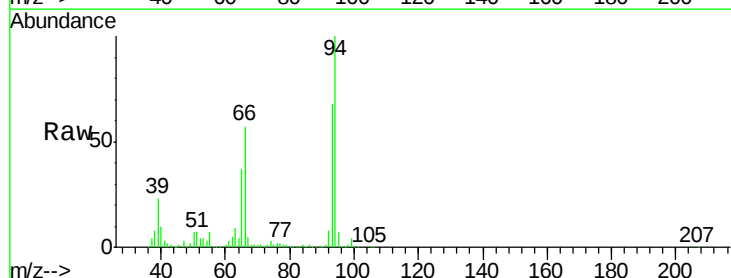
Tgt Ion: 94 Resp: 493082

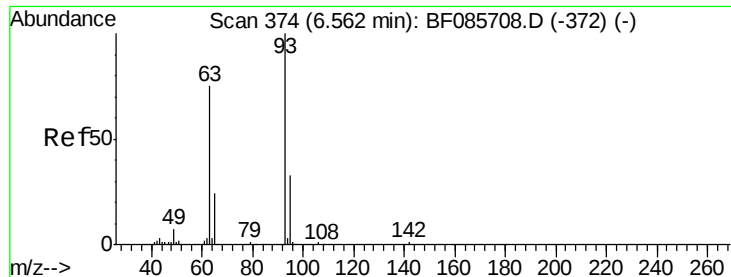
Ion Ratio Lower Upper

94 100

65 36.6 8.6 48.6

66 57.2 20.0 60.0

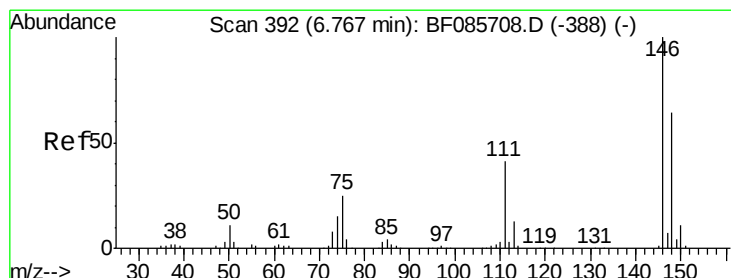
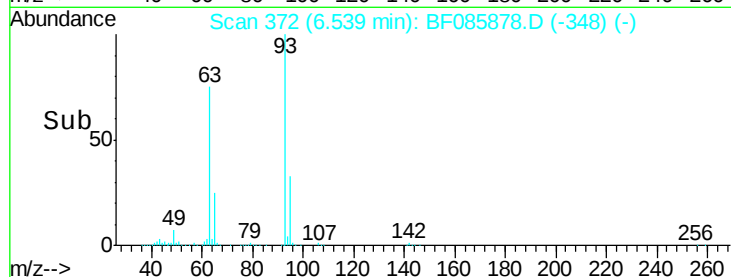
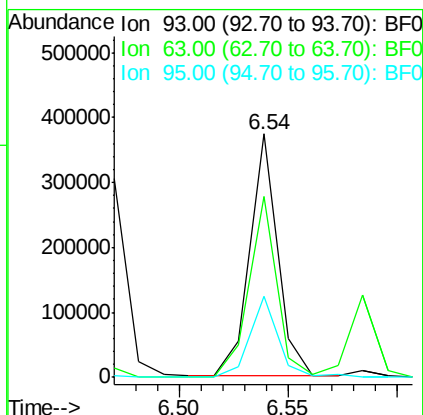
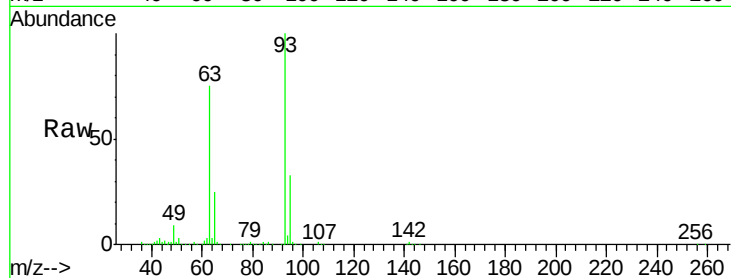




#11
bis(2-Chloroethyl)ether
Concen: 38.03 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

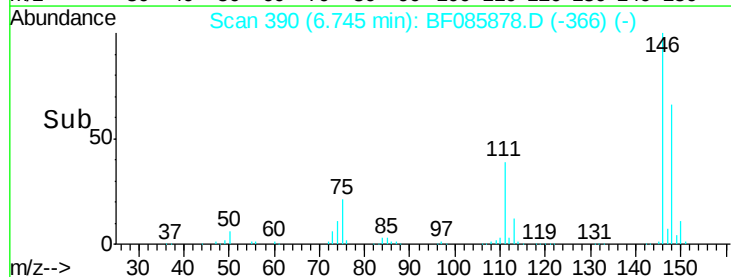
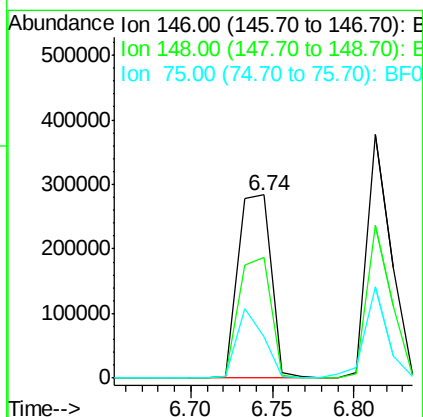
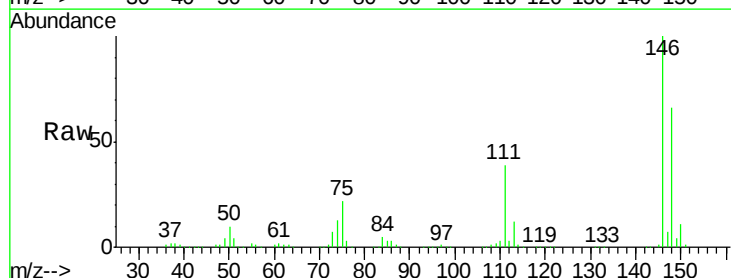
Instrument :
BNA_F
ClientSampleId :

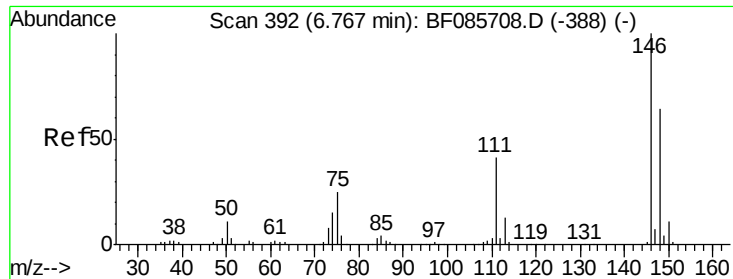
Tgt Ion: 93 Resp: 331950
Ion Ratio Lower Upper
93 100
63 74.5 50.9 90.9
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion: 146 Resp: 395174
Ion Ratio Lower Upper
146 100
148 65.7 52.3 78.5
75 22.3 17.4 26.2

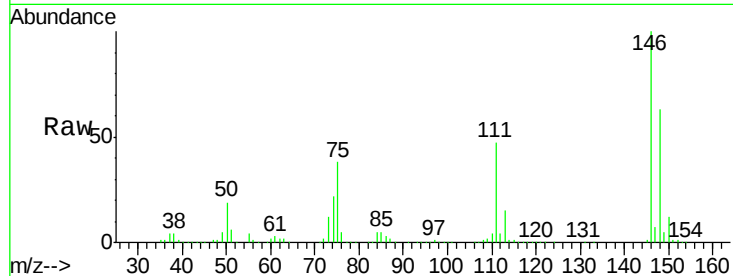




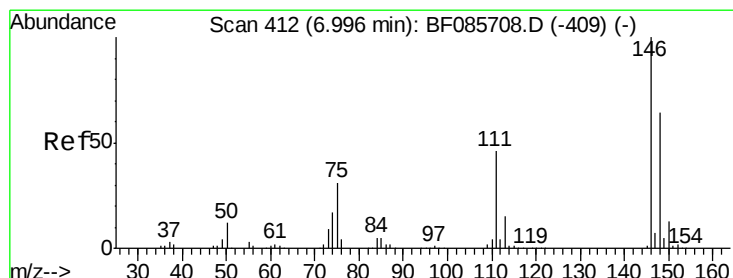
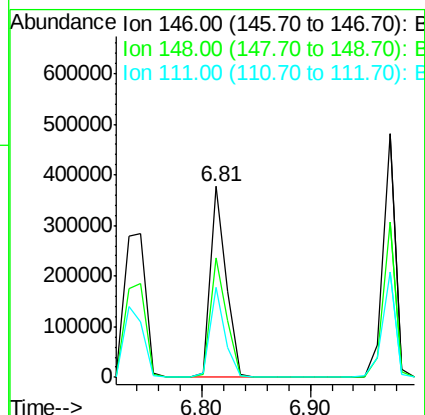
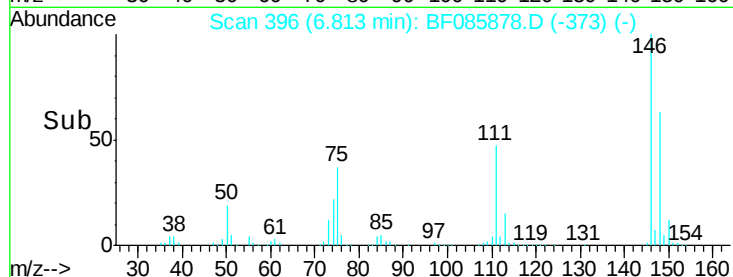
#13
 1,4-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.03 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:146 Resp: 389493
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 46.9 37.8 56.6

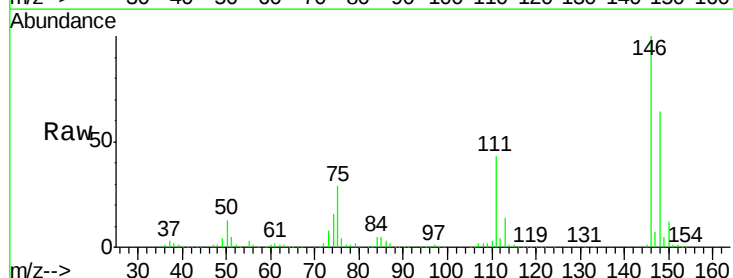


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

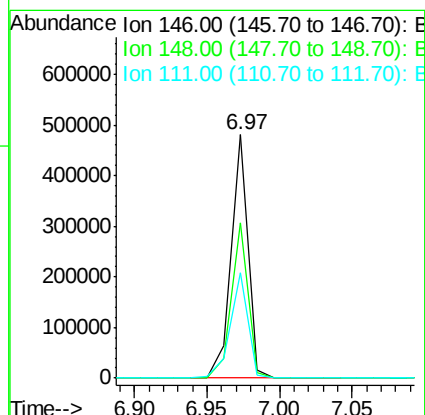
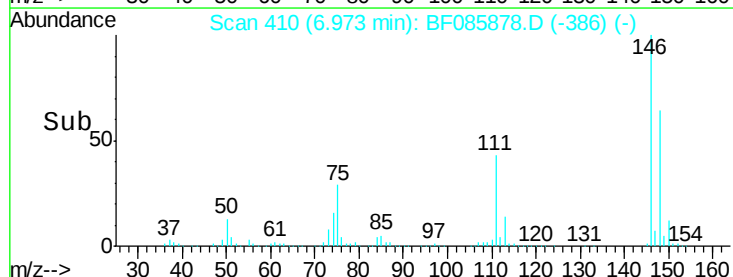


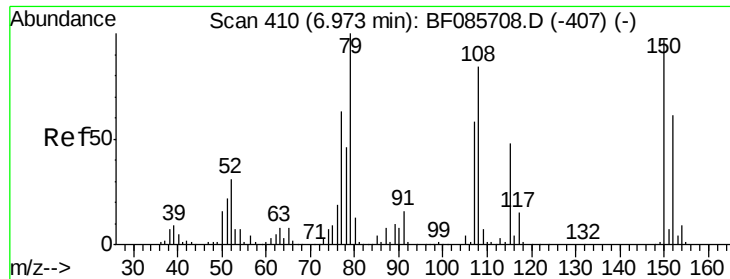
#14
 1,2-Dichlorobenzene
 Concen: 41.61 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:146 Resp: 387471
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 43.1 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

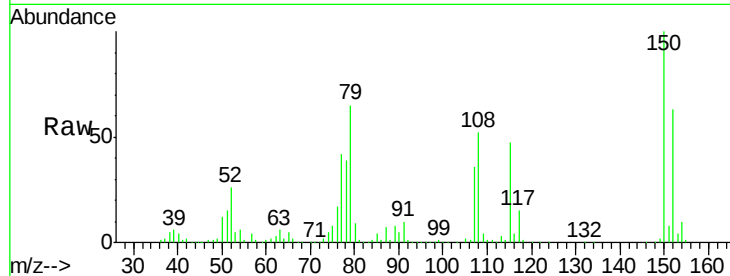




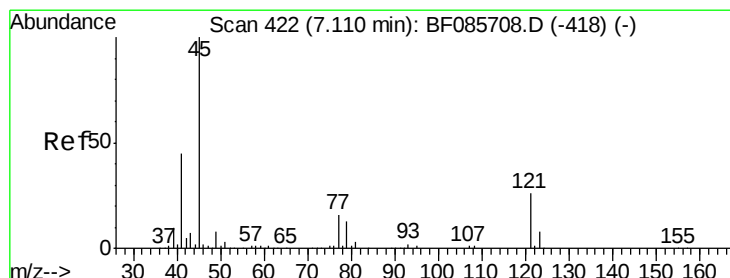
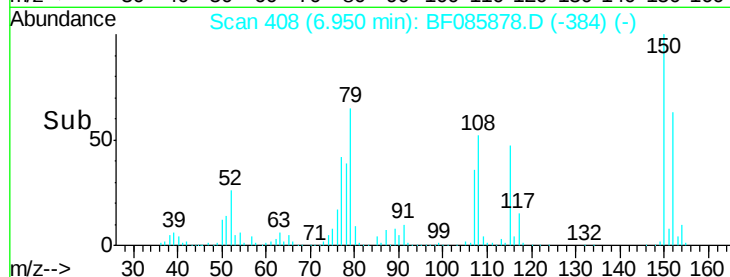
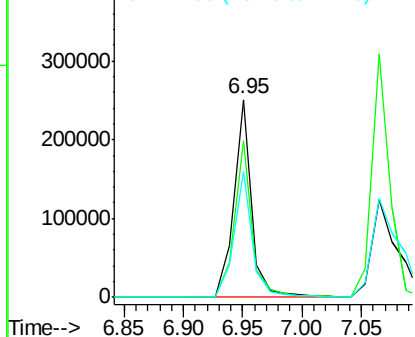
#15
Benzyl Alcohol
Concen: 39.16 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 79 Resp: 261561
Ion Ratio Lower Upper
79 100
108 79.1 61.8 92.6
77 63.8 49.6 74.4

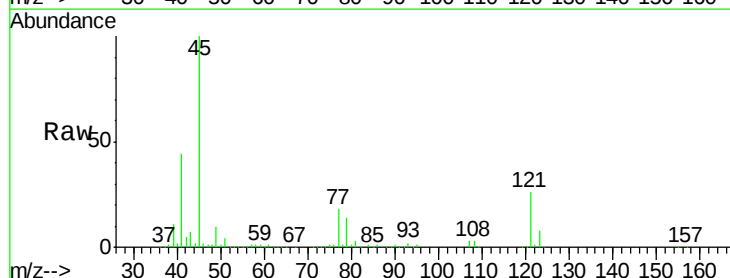


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

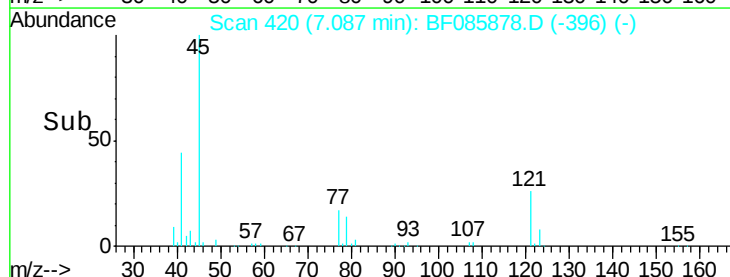
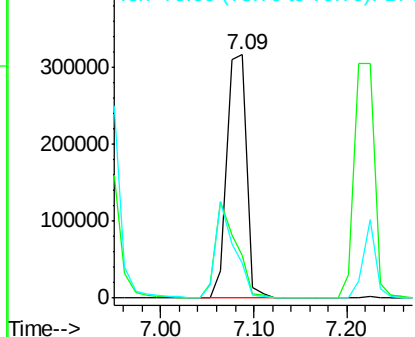


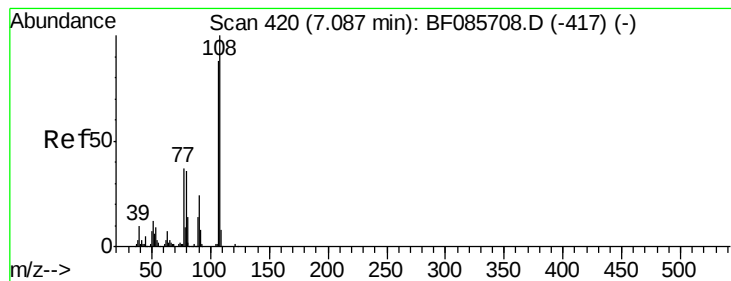
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.65 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion: 45 Resp: 470823
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.7
79 14.2 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: 38.32 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:107 Resp: 280703

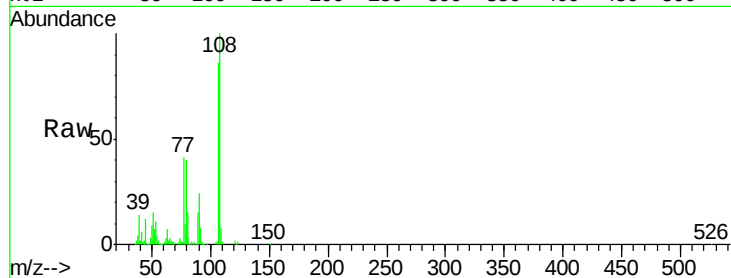
Ion Ratio Lower Upper

107 100

108 115.6 91.4 137.0

77 47.0 36.2 54.2

79 46.7 35.8 53.8

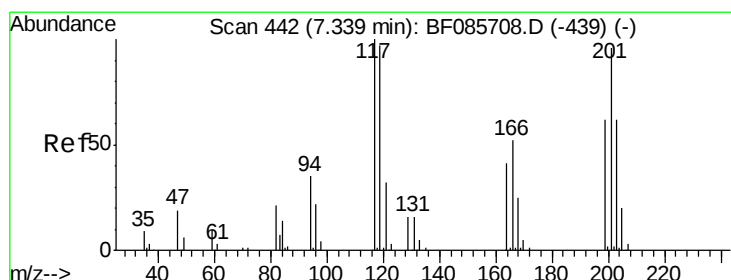
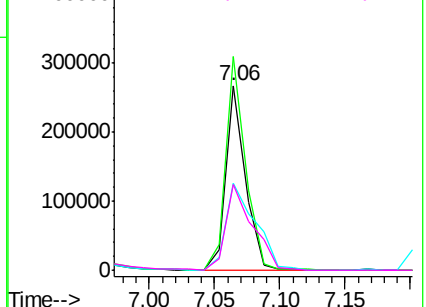
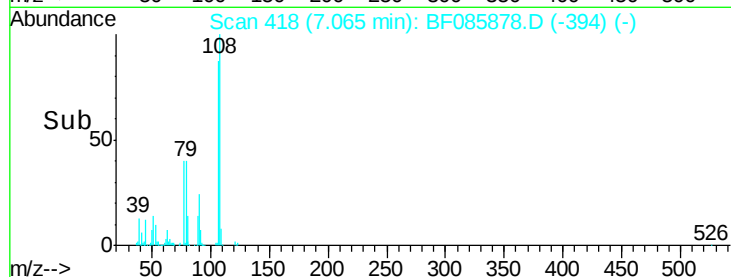


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.29 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

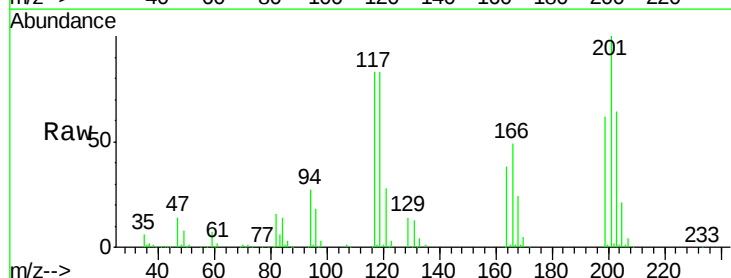
Tgt Ion:117 Resp: 147409

Ion Ratio Lower Upper

117 100

119 99.2 76.7 115.1

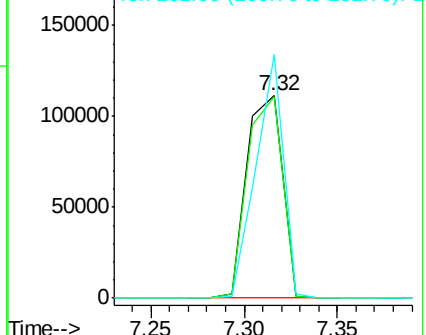
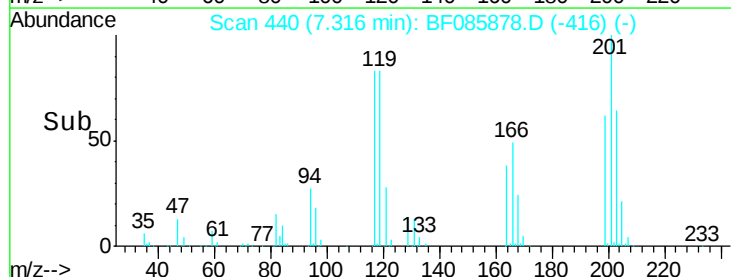
201 120.2 83.3 124.9

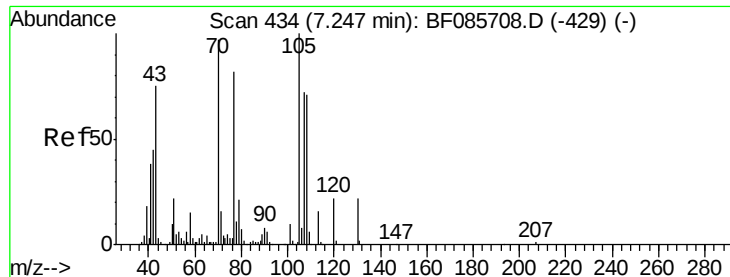


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

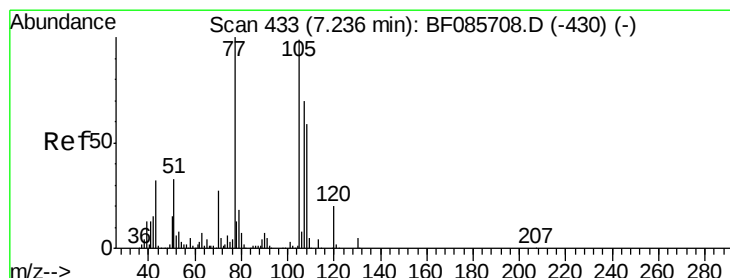
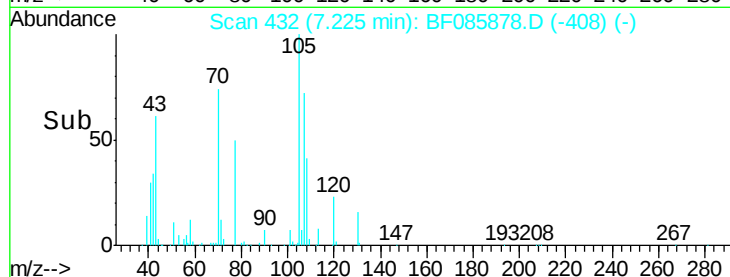
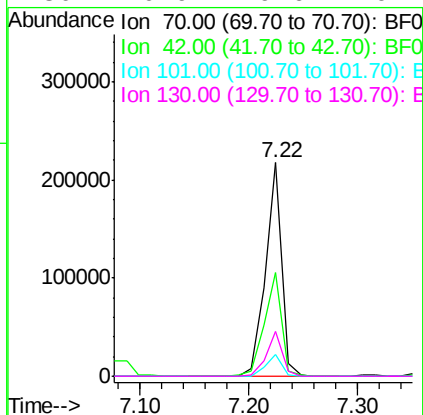
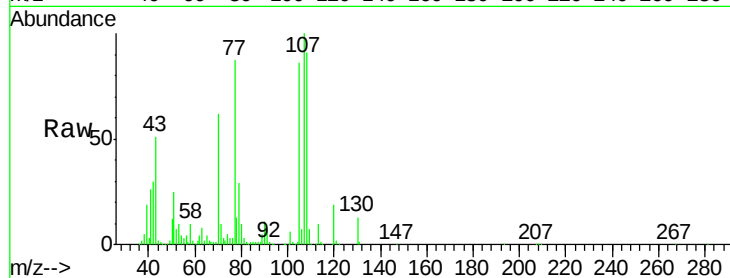




#19
n-Nitroso-di-n-propylamine
Concen: 38.10 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

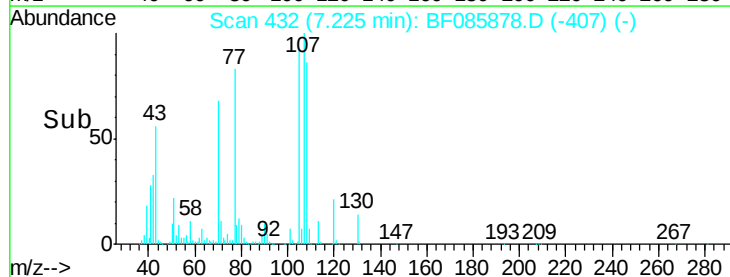
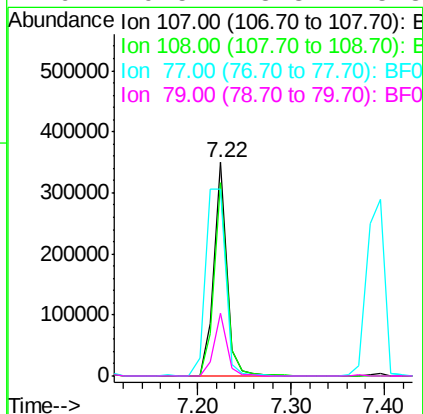
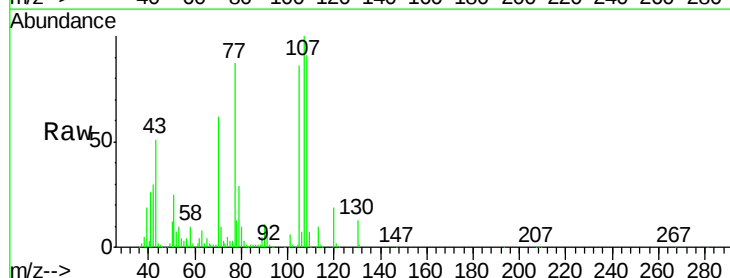
Instrument :
BNA_F
ClientSampleId :

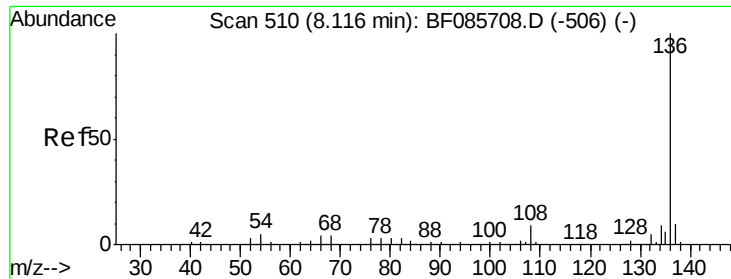
Tgt Ion:	70	Resp:	228427
Ion	Ratio	Lower	Upper
70	100		
42	48.8	37.1	55.7
101	10.1	8.6	12.8
130	20.9	19.6	29.4



#20
3+4-Methylphenols
Concen: 38.44 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:	107	Resp:	338525
Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.3	109.3
77	87.4	101.7	141.7#
79	29.5	8.3	48.3

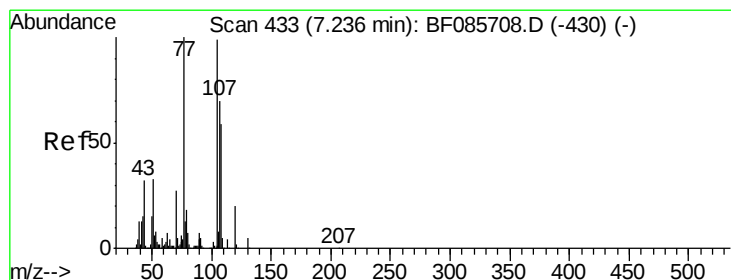
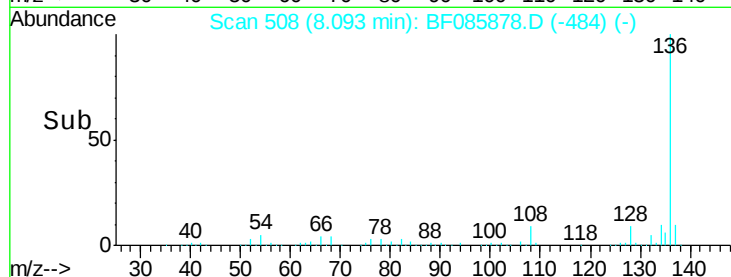
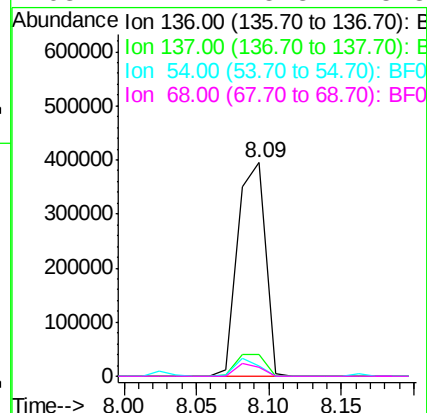
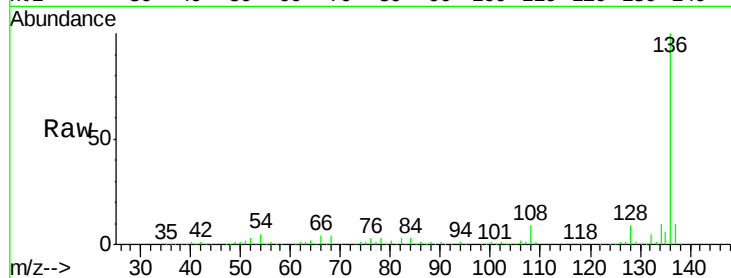




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

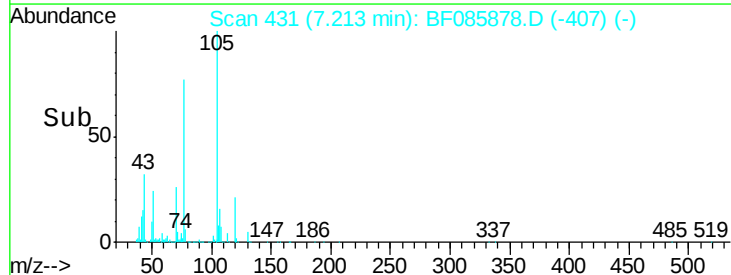
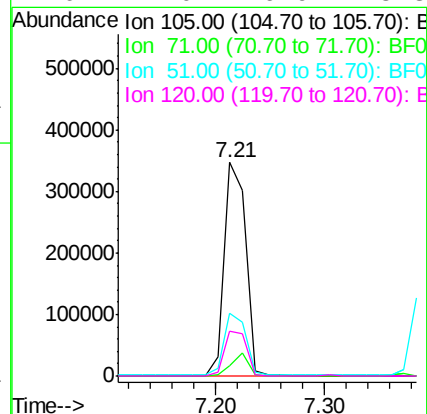
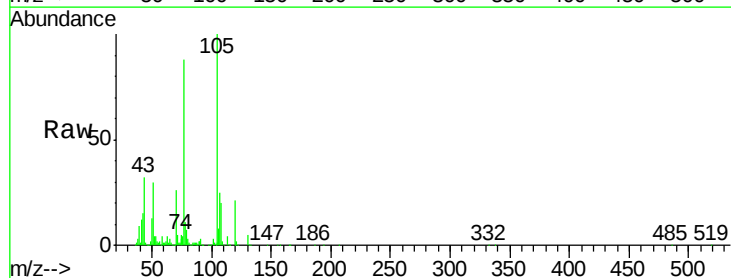
Instrument :
BNA_F
ClientSampleId :

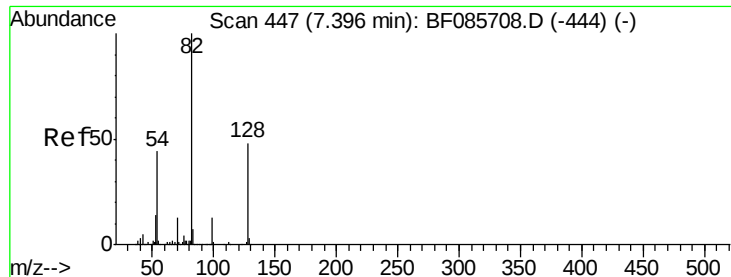
Tgt Ion:	136	Resp:	521844
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	4.8	7.4	11.0#
68	4.1	5.8	8.8#



#22
Acetophenone
Concen: 39.21 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:	105	Resp:	476637
Ion Ratio	Lower	Upper	
105	100		
71	4.6	3.6	5.4
51	29.5	25.4	38.0
120	21.0	16.9	25.3

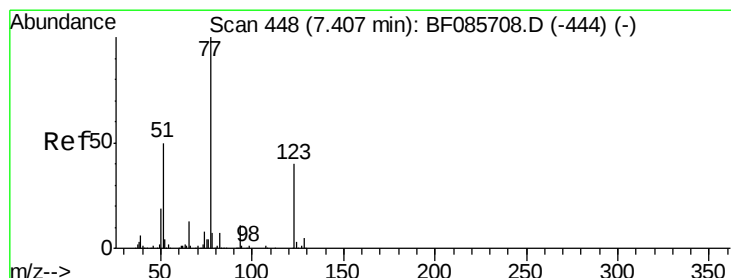
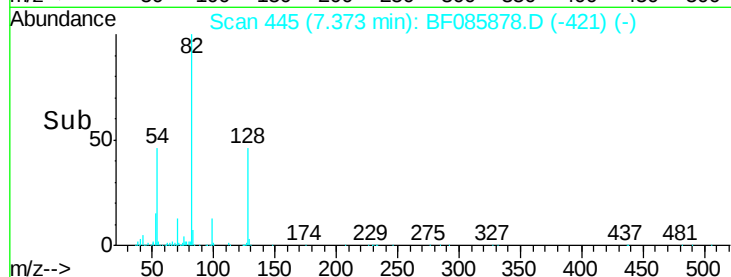
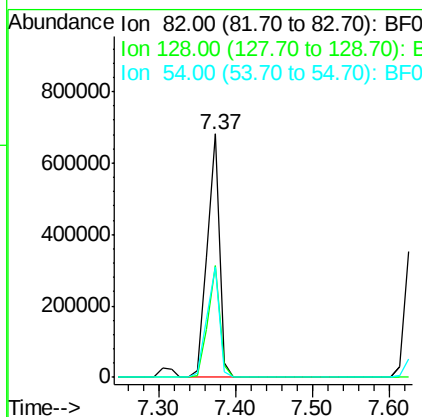
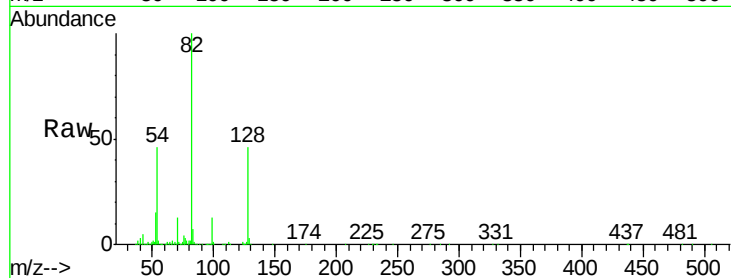




#23
 Nitrobenzene-d5
 Concen: 80.26 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

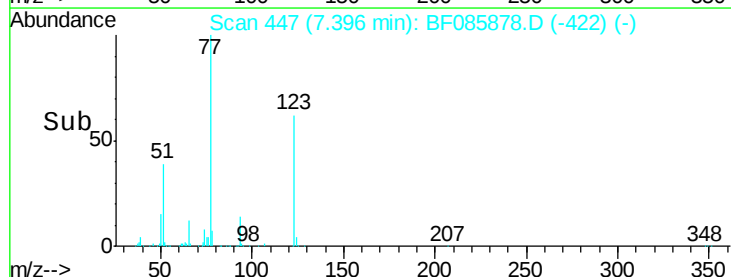
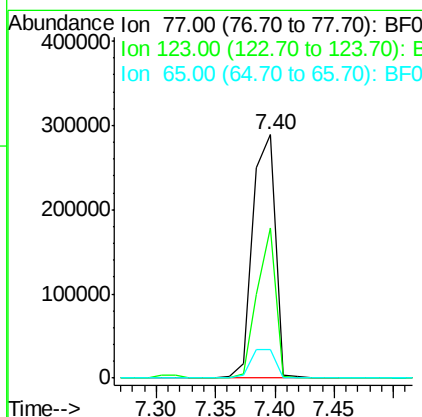
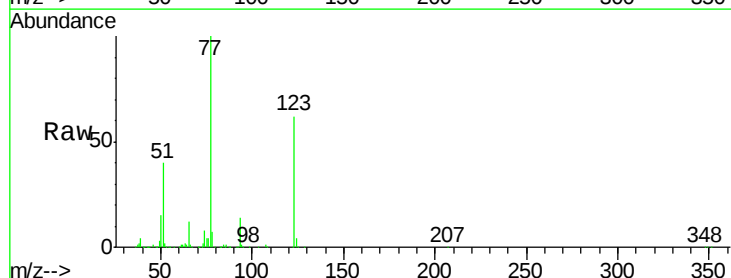
Instrument :
 BNA_F
 ClientSampled :

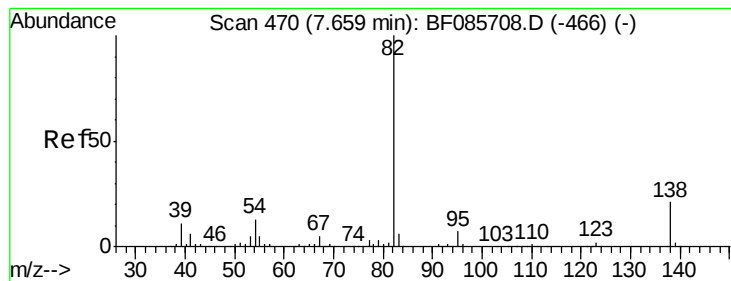
Tgt Ion: 82 Resp: 743793
 Ion Ratio Lower Upper
 82 100
 128 46.1 41.8 62.8
 54 45.5 33.4 50.0



#24
 Nitrobenzene
 Concen: 40.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion: 77 Resp: 384444
 Ion Ratio Lower Upper
 77 100
 123 61.6 35.0 52.4#
 65 11.9 10.6 16.0





#25

Isophorone

Concen: 40.35 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

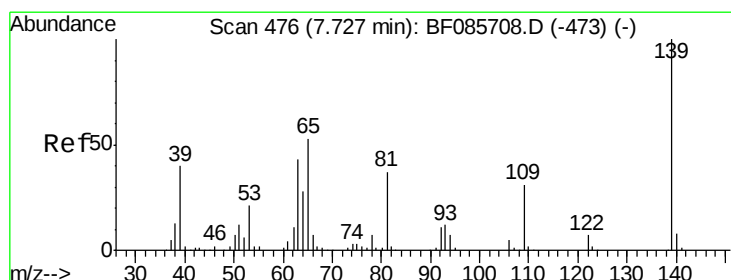
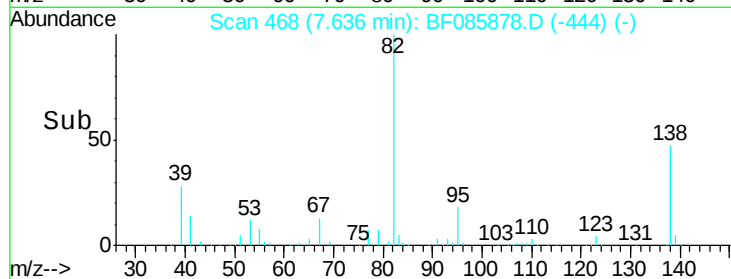
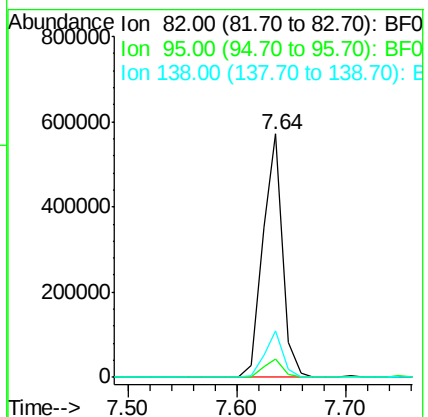
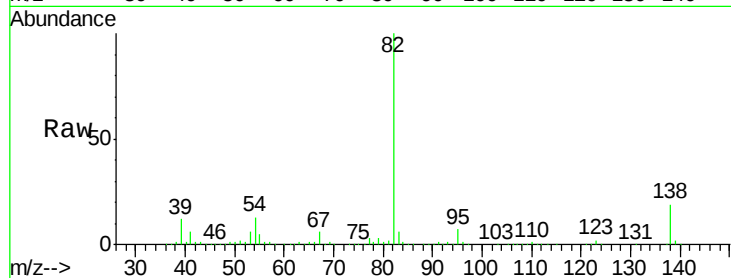
Tgt Ion: 82 Resp: 720274

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 19.2 12.9 19.3



#26

2-Nitrophenol

Concen: 39.60 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

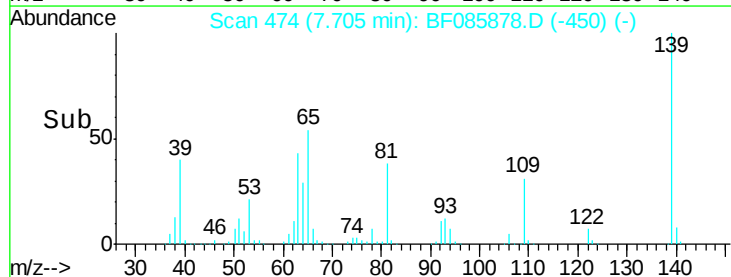
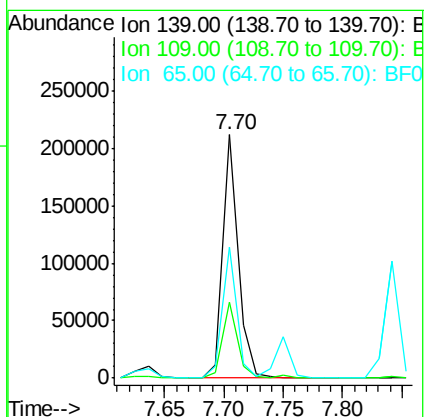
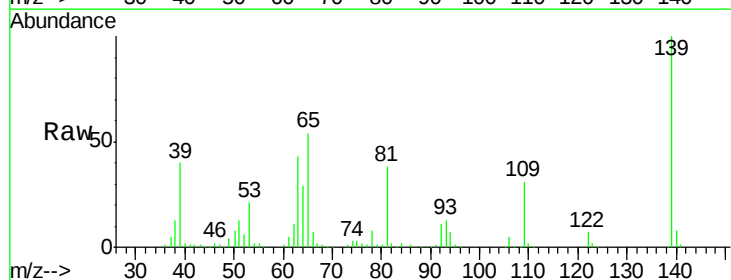
Tgt Ion: 139 Resp: 189226

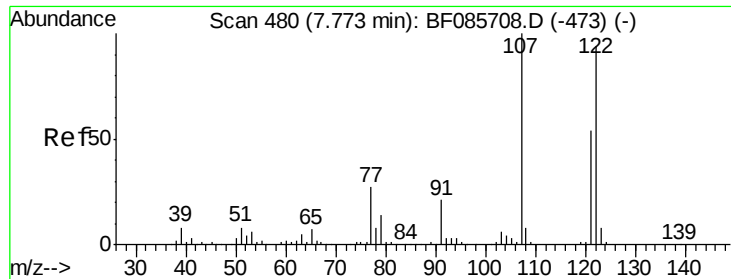
Ion Ratio Lower Upper

139 100

109 31.3 22.1 33.1

65 54.0 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 41.12 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

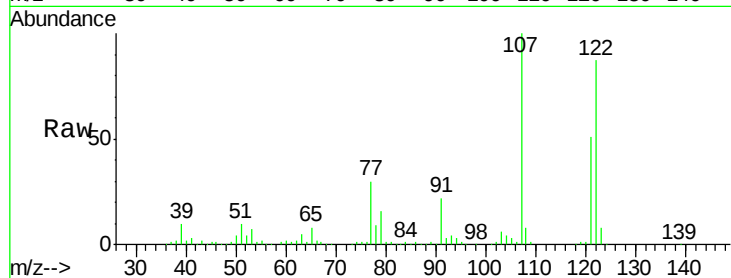
Tgt Ion:122 Resp: 343470

Ion Ratio Lower Upper

122 100

107 115.0 93.0 139.6

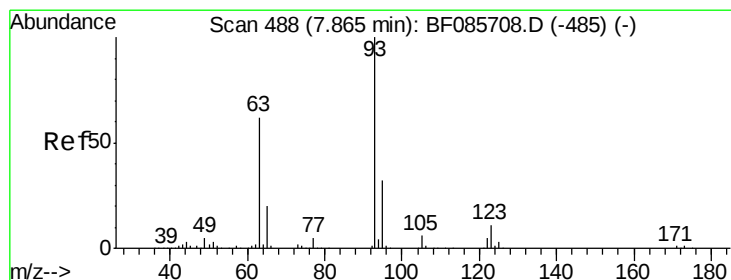
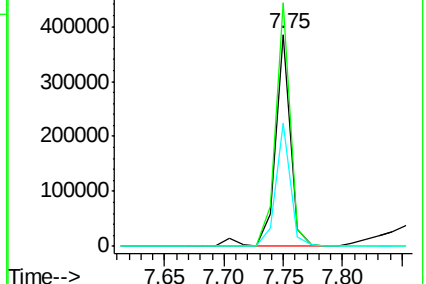
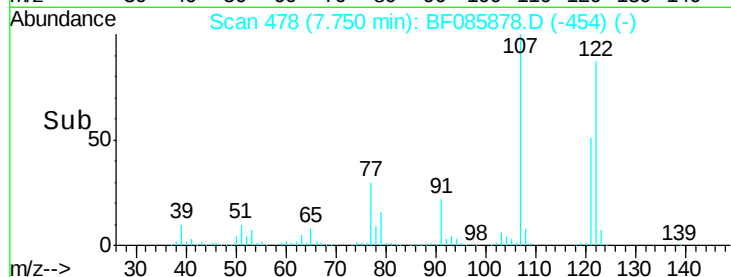
121 58.3 45.9 68.9



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: 40.92 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

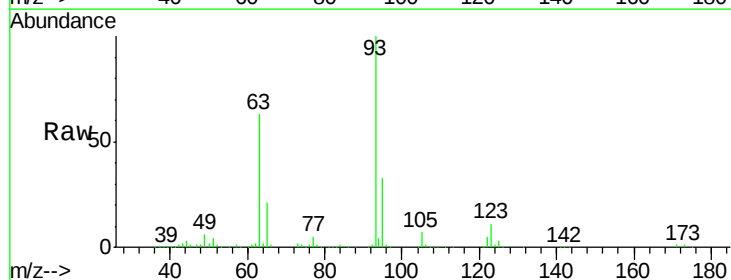
Tgt Ion: 93 Resp: 416199

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

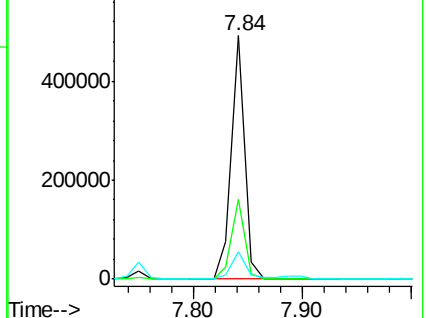
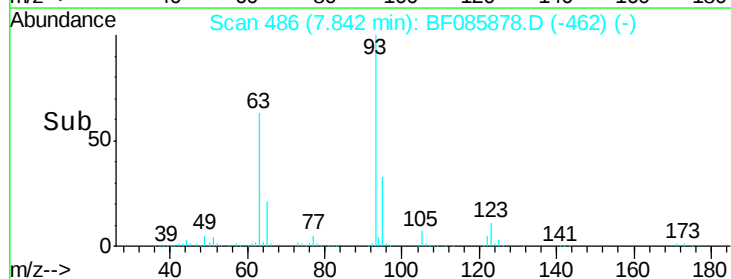
123 11.1 9.8 14.6

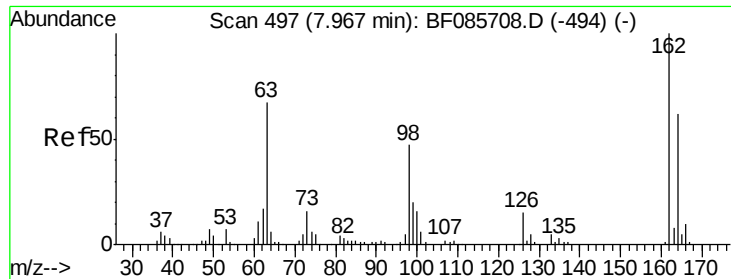


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

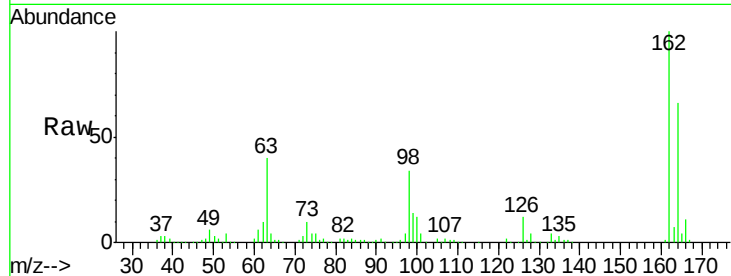




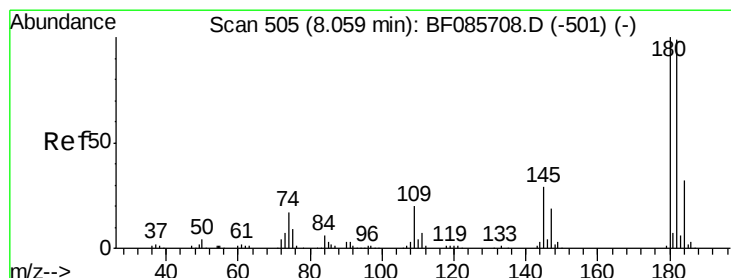
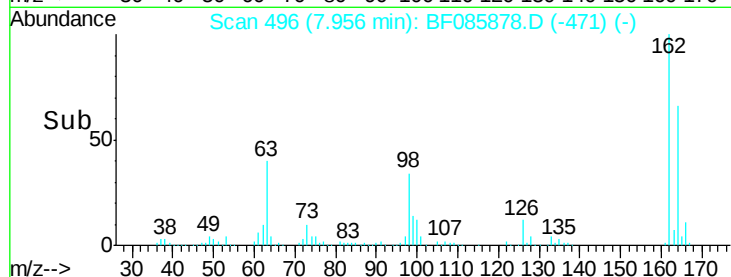
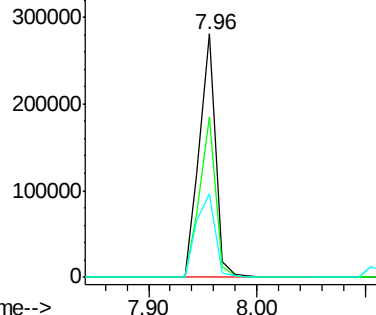
#29
 2,4-Dichlorophenol
 Concen: 41.49 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.7	83.7
98	34.1	20.4	60.4

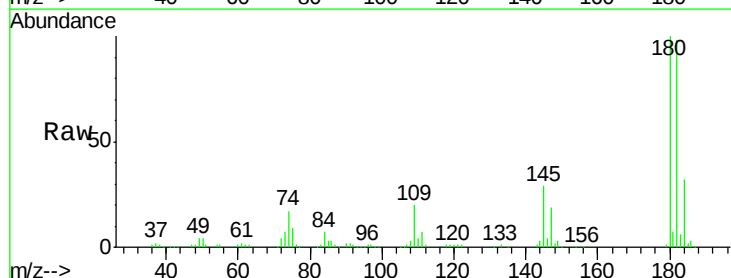


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

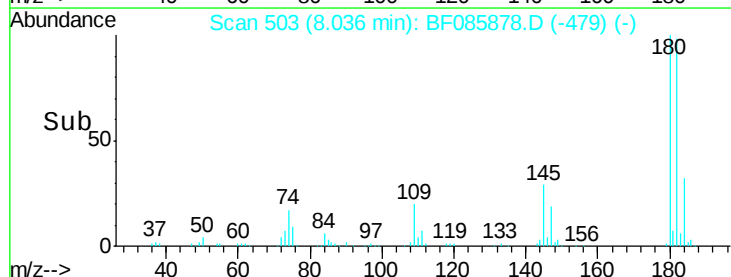
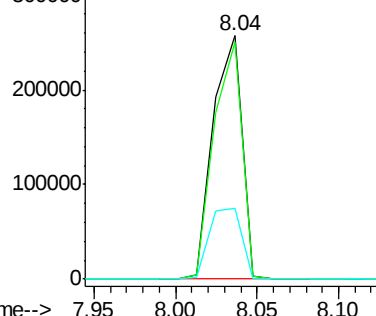


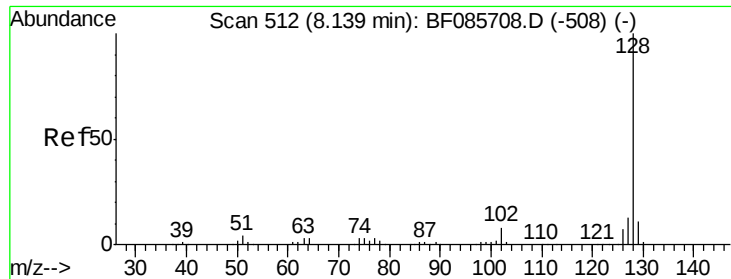
#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	73.8	110.8
145	28.9	28.4	42.6



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

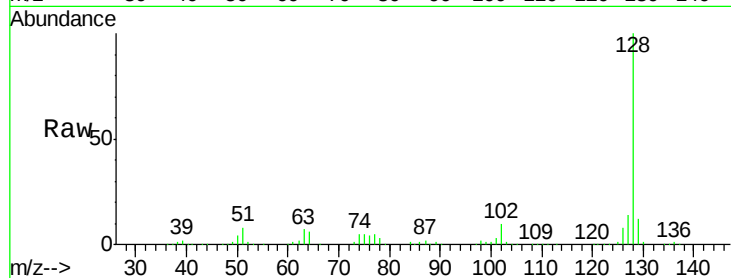




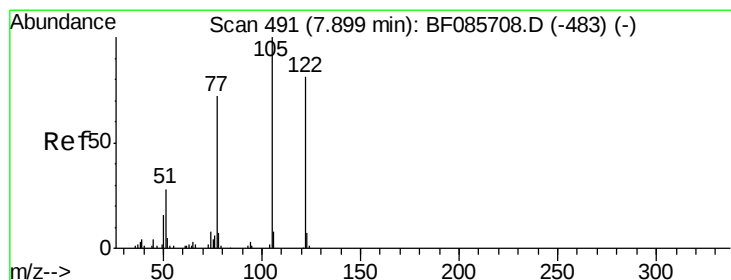
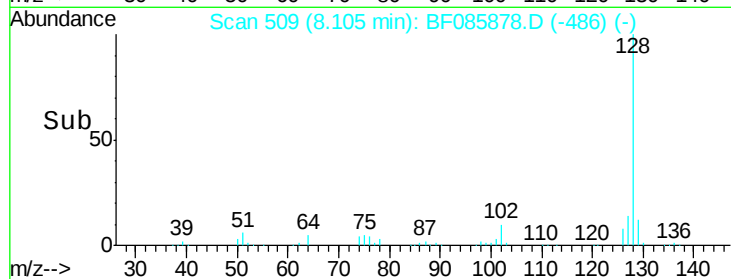
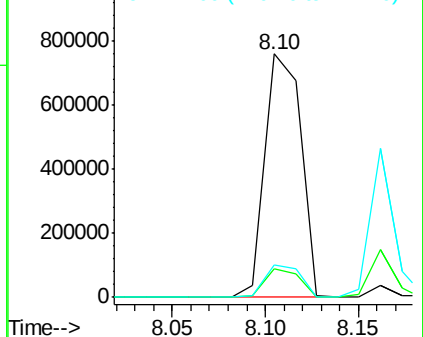
#31
Naphthalene
Concen: 38.66 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1016462
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

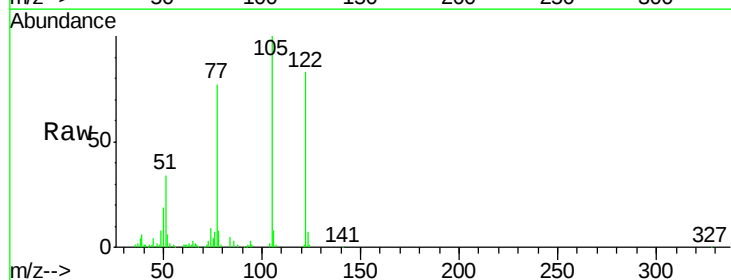


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

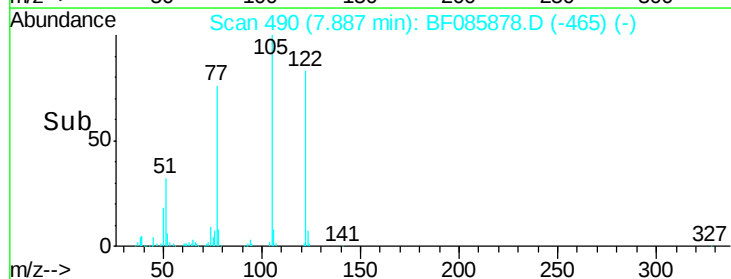
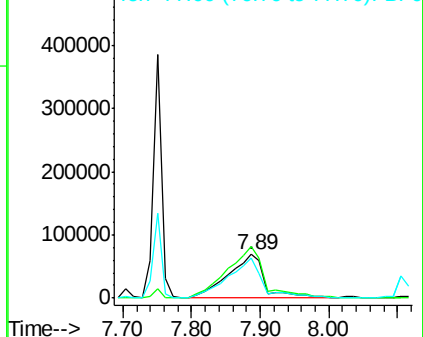


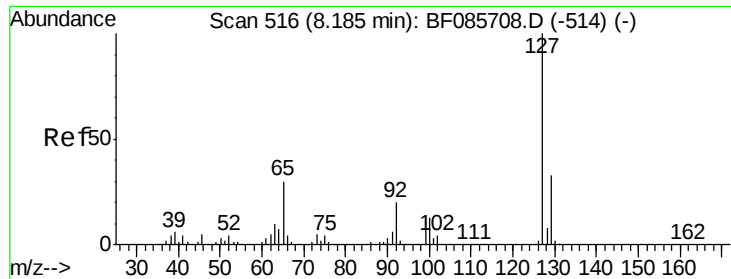
#32
Benzoic acid
Concen: 45.08 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:122 Resp: 250092
Ion Ratio Lower Upper
122 100
105 120.2 102.9 142.9
77 92.0 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

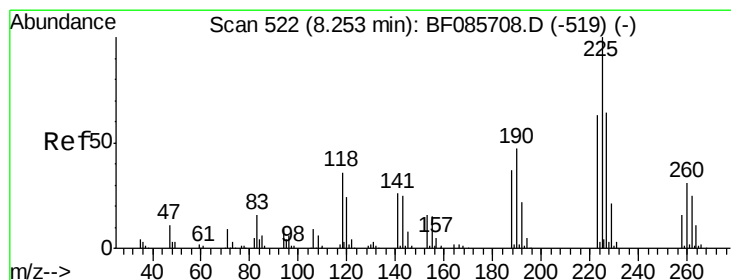
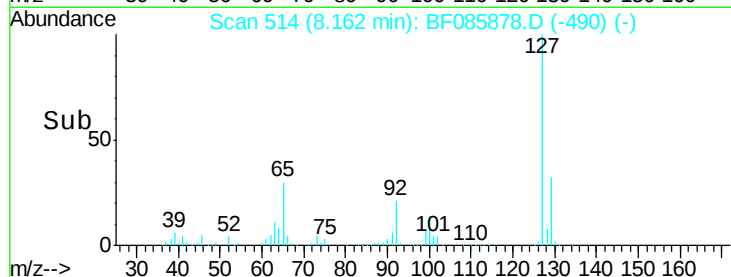
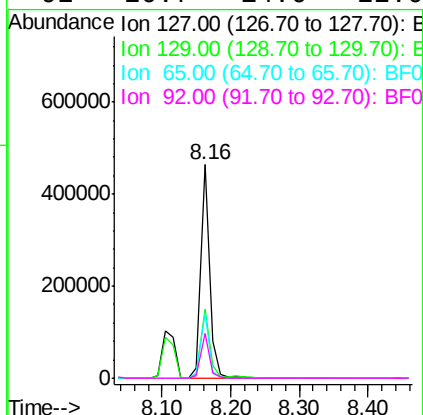
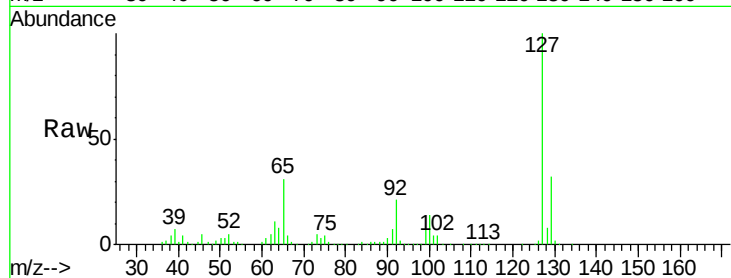




#33
4-Chloroaniline
Concen: 37.77 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

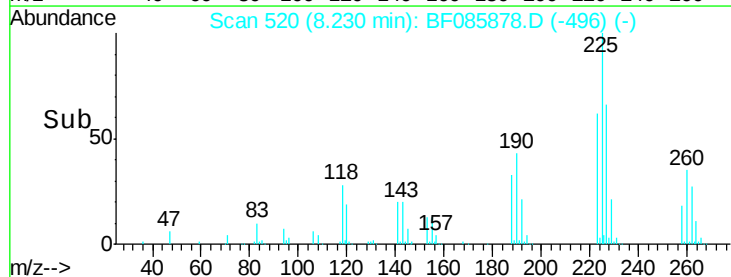
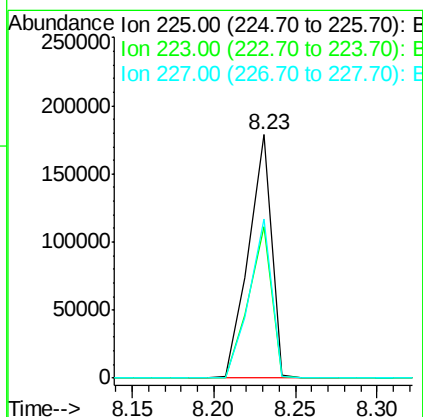
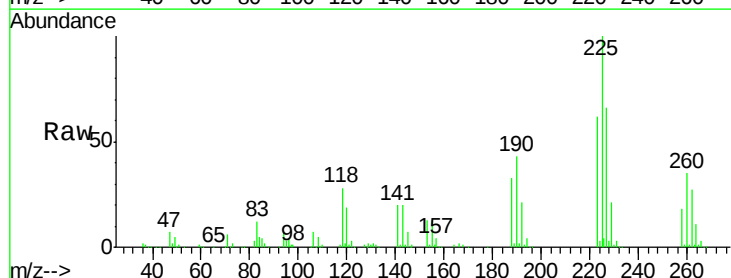
Instrument :
BNA_F
ClientSampleId :

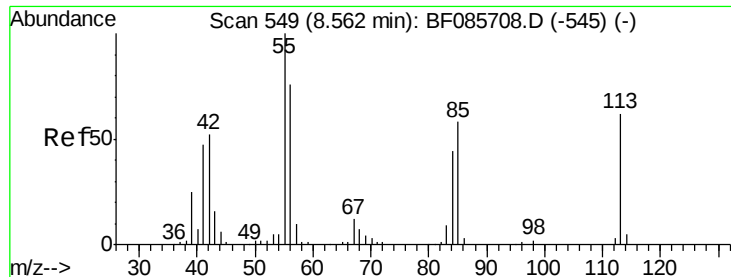
Tgt Ion:	127	Resp:	405452
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.6	19.5	29.3
92	20.7	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:	225	Resp:	174978
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	65.6	51.4	77.2

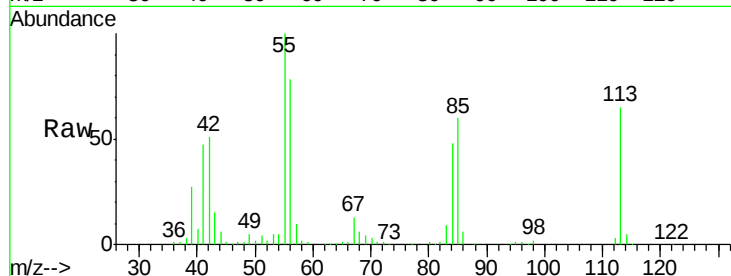




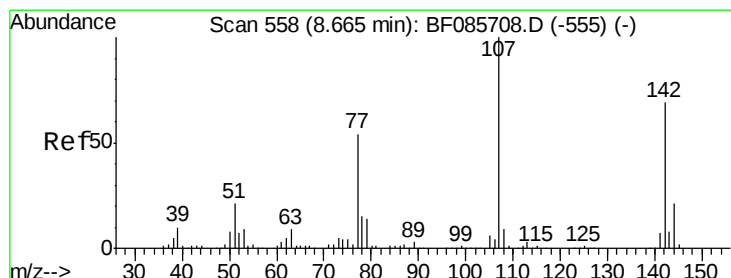
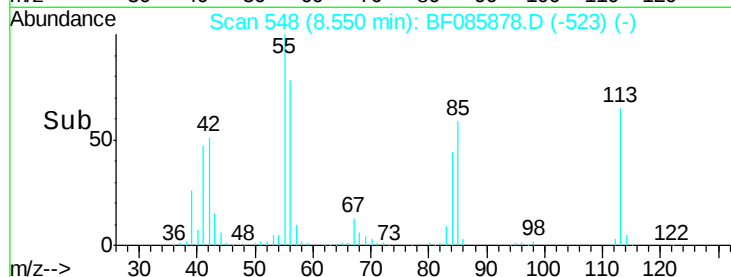
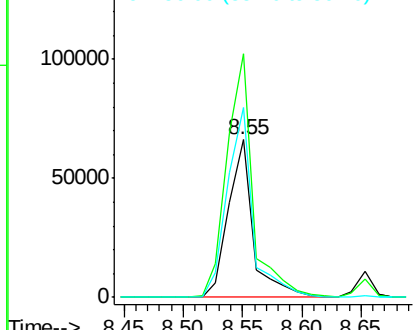
#35
 Caprolactam
 Concen: 38.55 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 95885
 Ion Ratio Lower Upper
 113 100
 55 154.8 139.4 179.4
 56 120.9 100.4 140.4

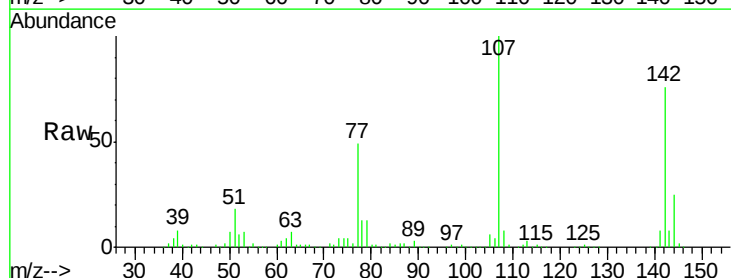


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

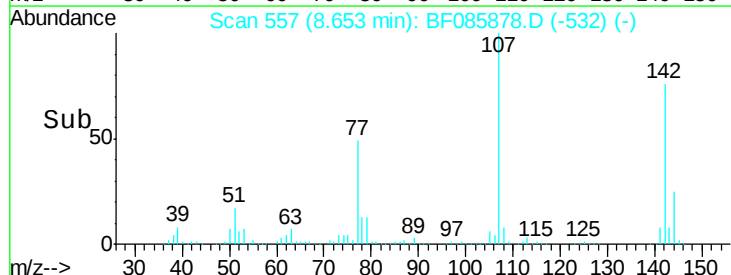
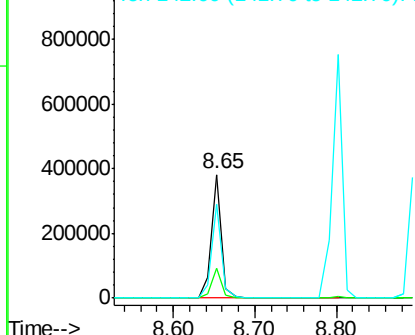


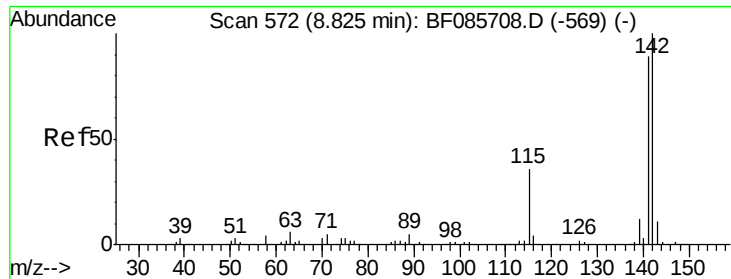
#36
 4-Chloro-3-methylphenol
 Concen: 40.73 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:107 Resp: 334063
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 75.8 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

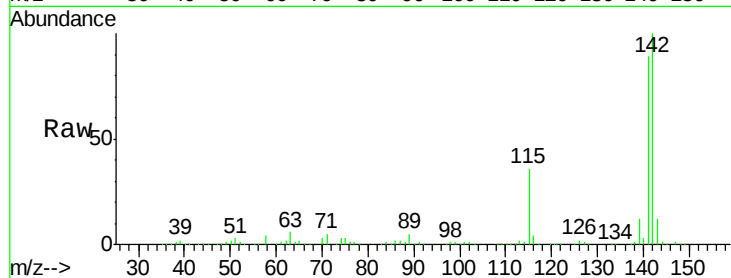




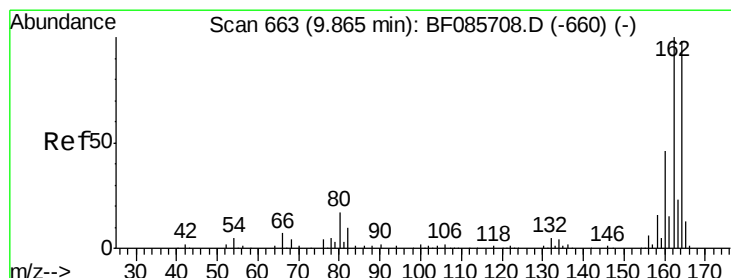
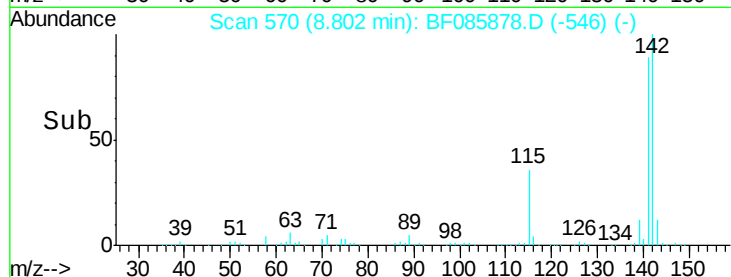
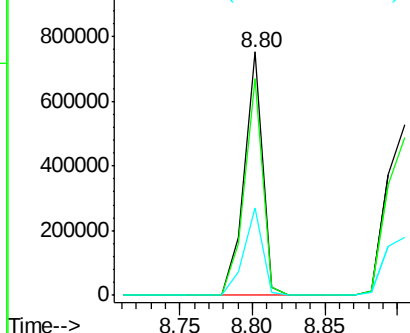
#37
 2-Methylnaphthalene
 Concen: 42.50 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:142 Resp: 660449
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.6 107.4
 115 35.8 26.8 40.2

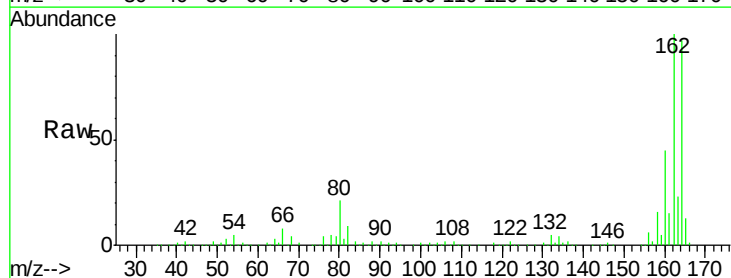


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

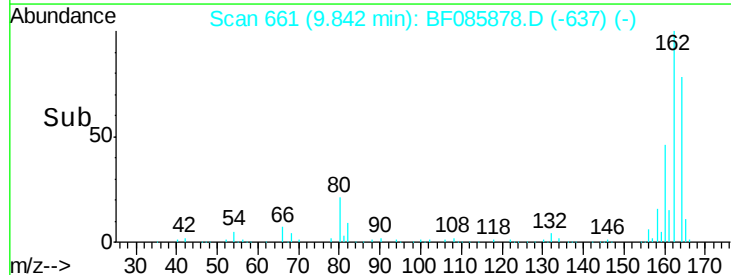
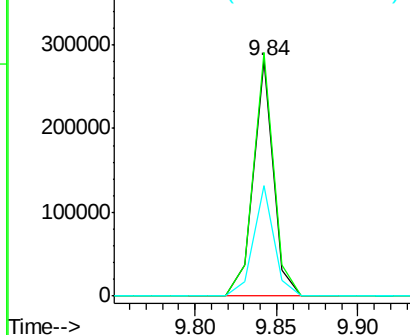


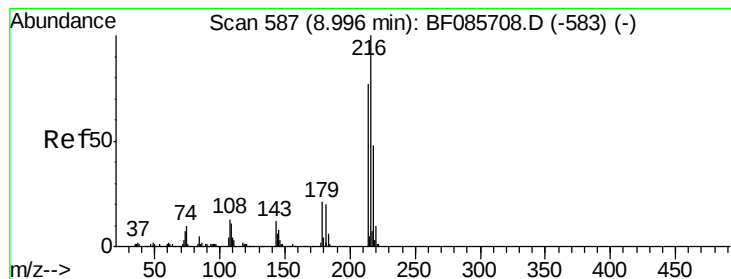
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:164 Resp: 240128
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.1 123.1
 160 46.8 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.46 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 302369

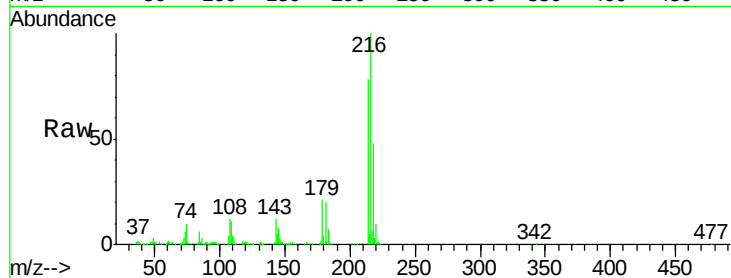
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 22.9 18.2 27.2

108 20.3 17.3 25.9

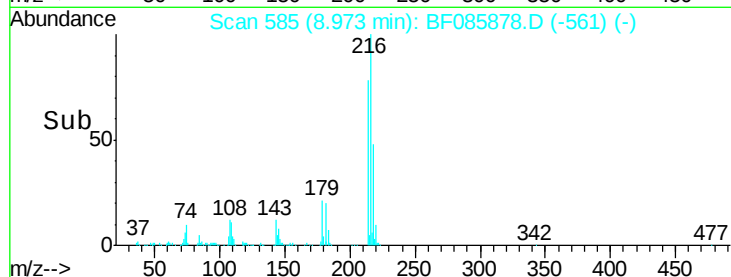


Abundance Ion 216.00 (215.70 to 216.70): E

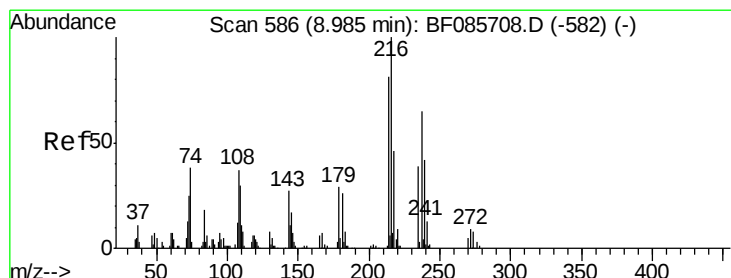
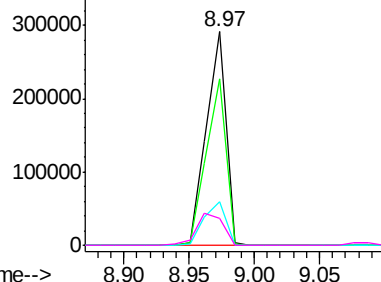
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.63 ng

RT: 8.95 min Scan# 583

Delta R.T. -0.03 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

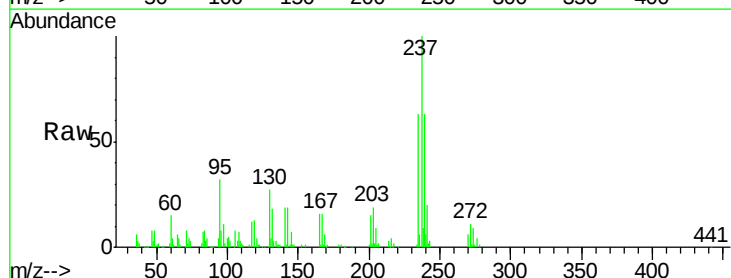
Tgt Ion:237 Resp: 85297

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

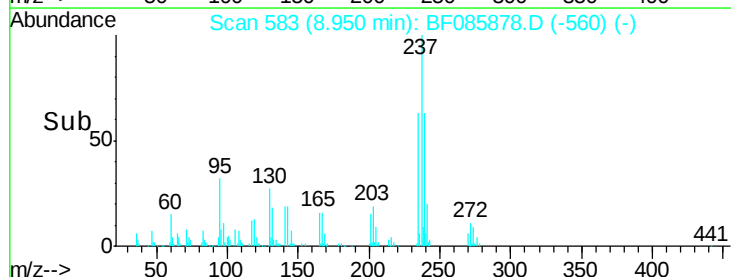
272 11.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

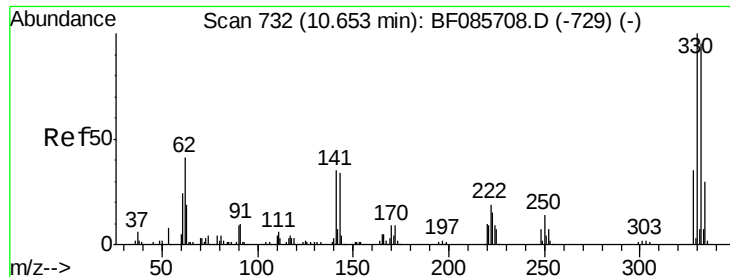
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

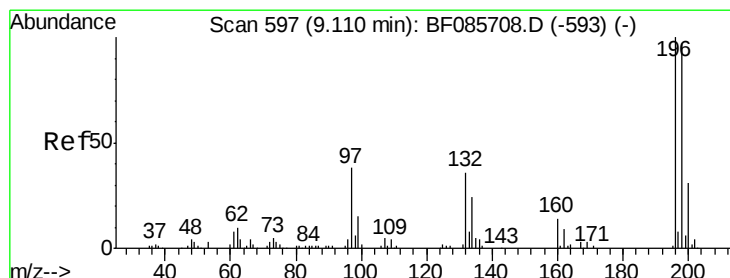
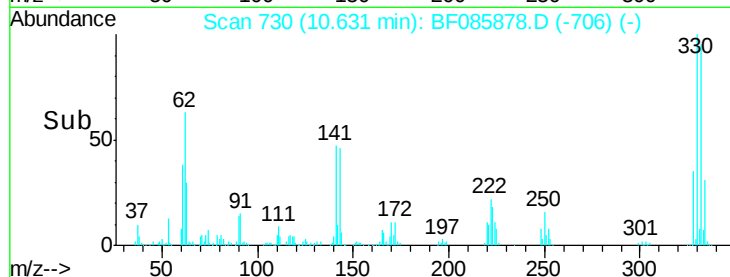
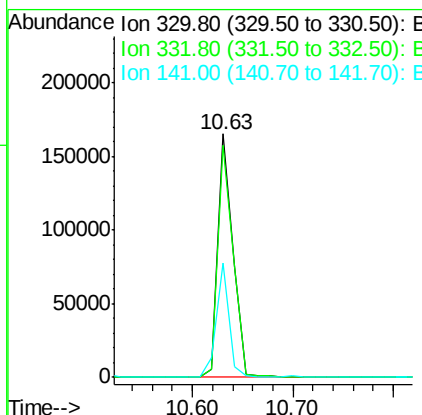
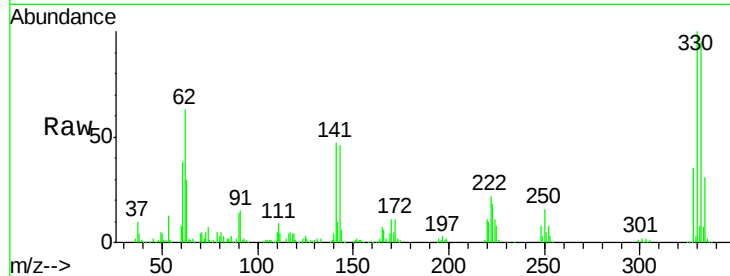




#41
 2,4,6-Tribromophenol
 Concen: 75.93 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

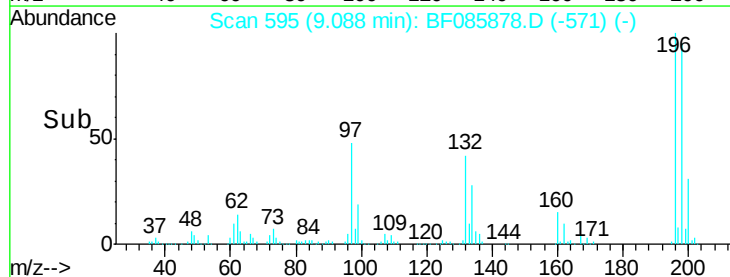
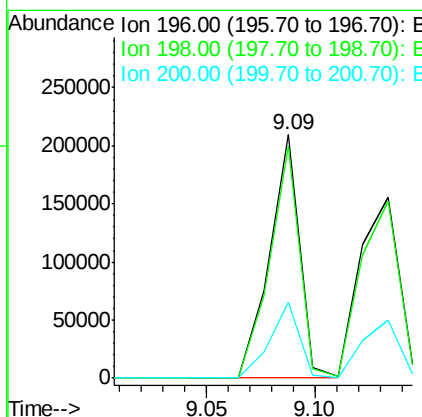
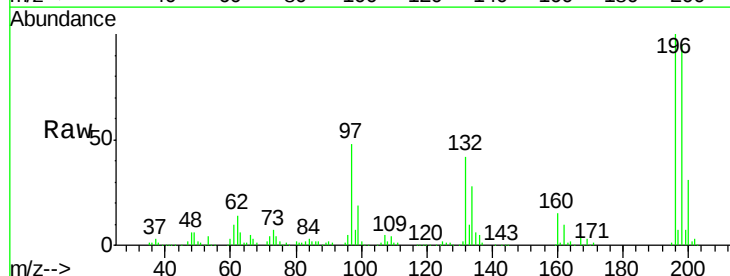
Instrument :
 BNA_F
 ClientSampled :

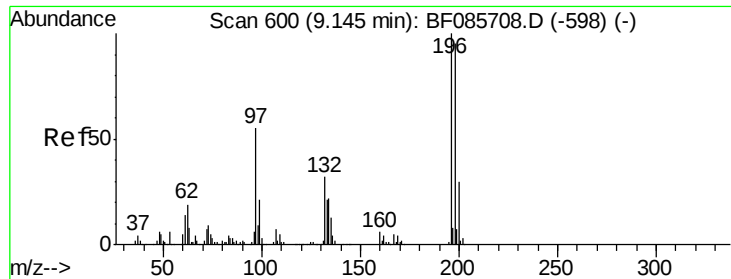
Tgt Ion:330 Resp: 173227
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 39.7 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 42.30 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:196 Resp: 203415
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.3 112.9
 200 31.1 23.7 35.5

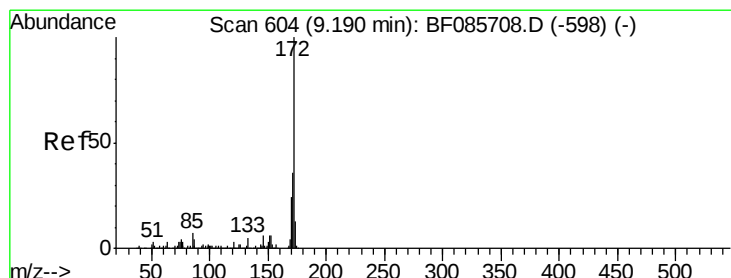
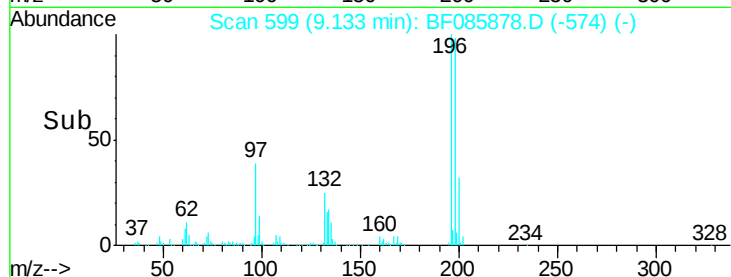
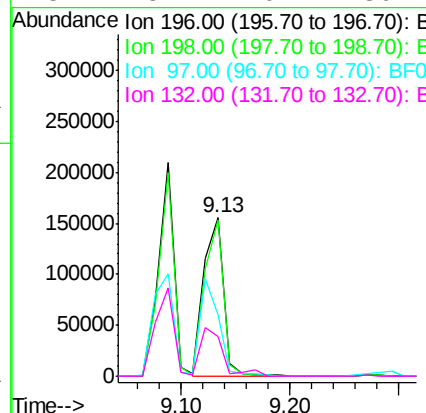
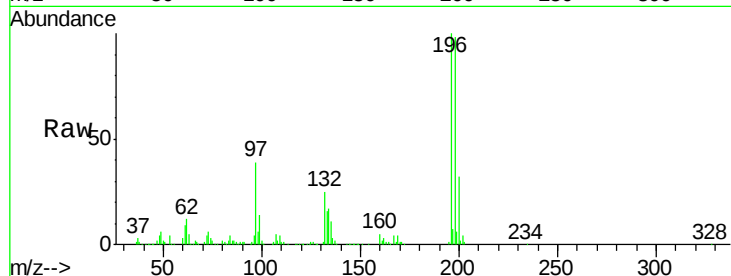




#43
 2,4,5-Trichlorophenol
 Concen: 39.25 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

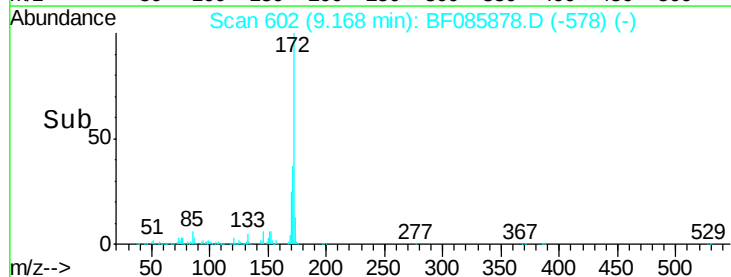
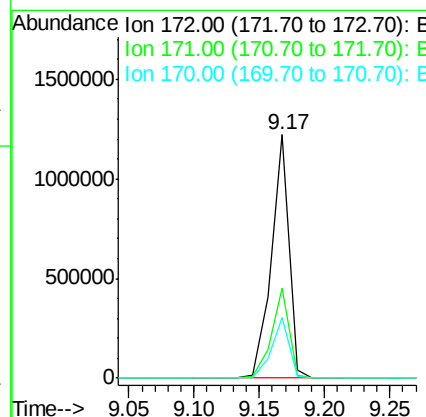
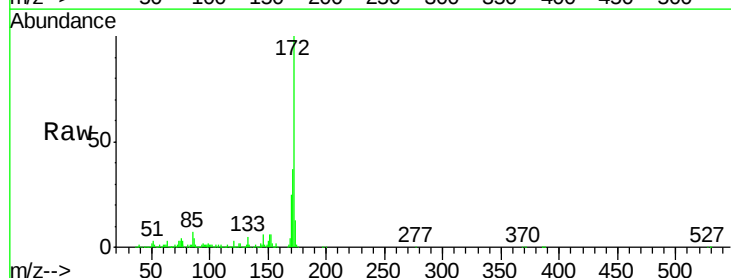
Instrument :
 BNA_F
 ClientSampleId :

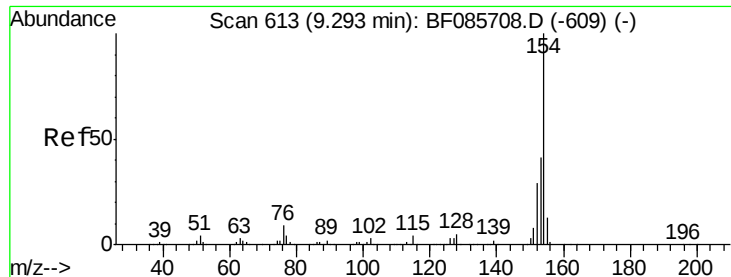
Tgt Ion:196 Resp: 197941
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 114.8
 97 38.9 30.5 45.7
 132 25.2 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 80.32 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:172 Resp: 1154429
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.1 19.8 29.6





#45

1,1'-Biphenyl

Concen: 41.90 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampled :

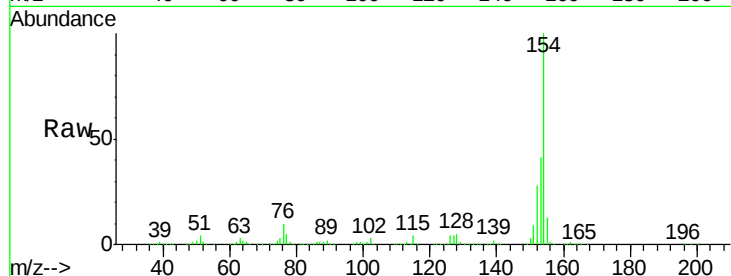
Tgt Ion:154 Resp: 849023

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

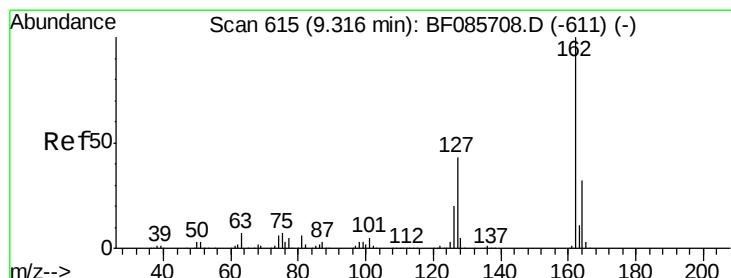
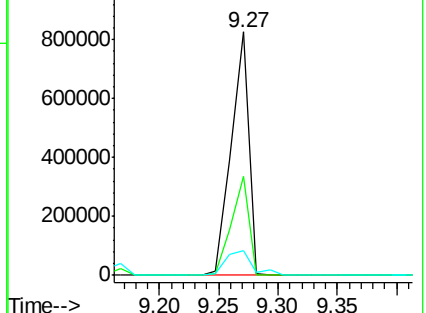
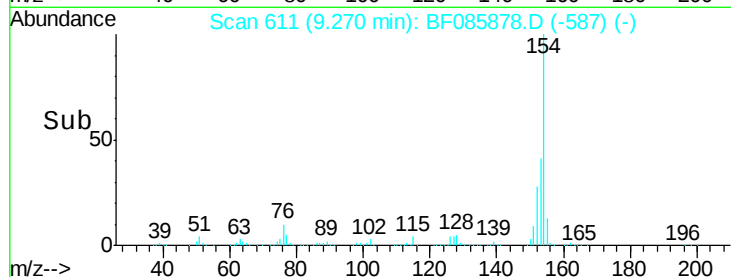
76 10.0 0.0 36.7



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: 43.16 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

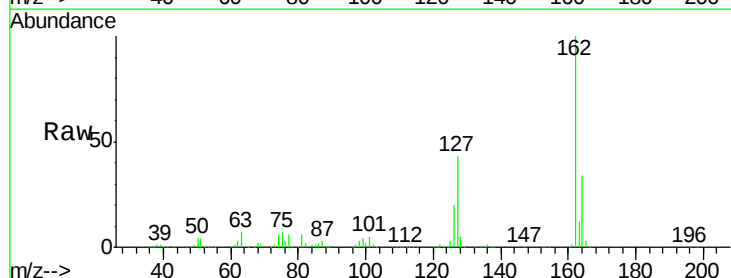
Tgt Ion:162 Resp: 642978

Ion Ratio Lower Upper

162 100

127 42.7 31.7 47.5

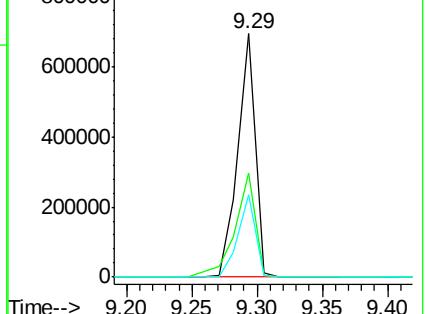
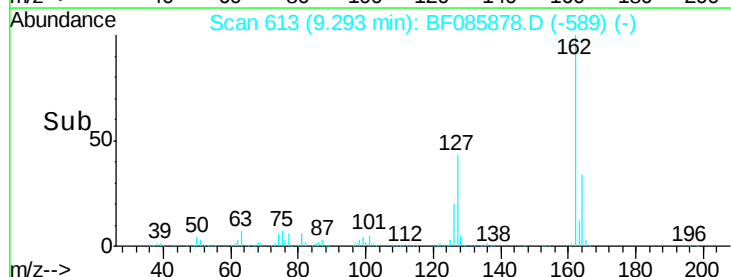
164 33.6 27.3 40.9

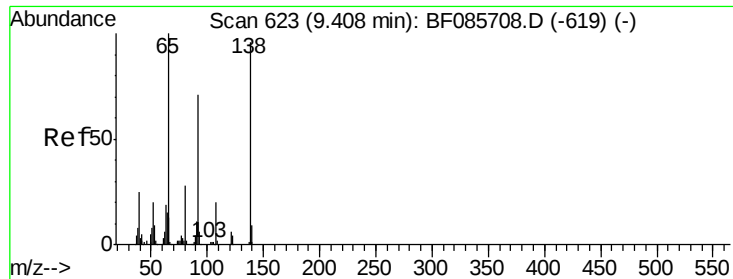


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.75 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampled :

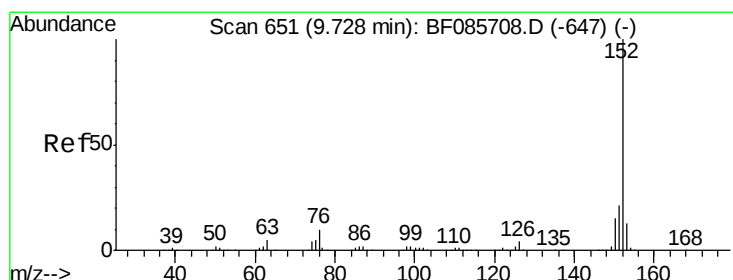
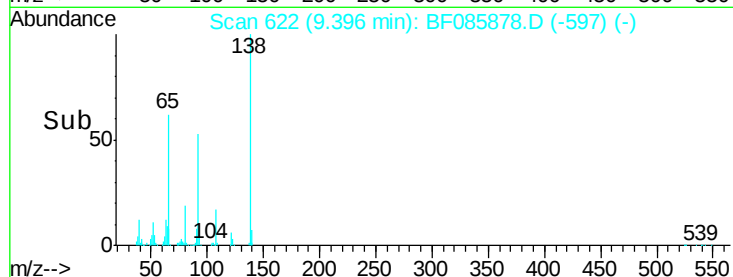
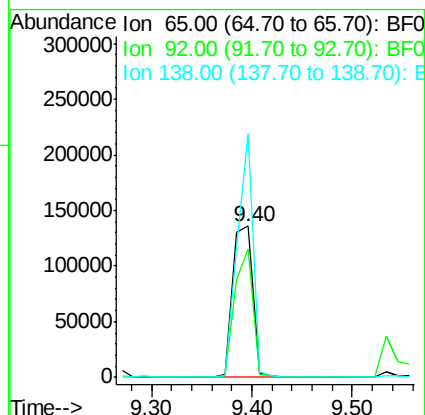
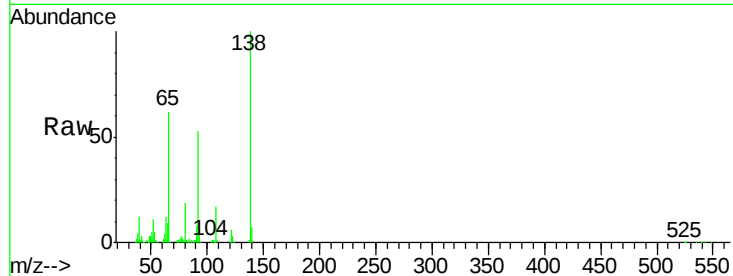
Tgt Ion: 65 Resp: 190224

Ion Ratio Lower Upper

65 100

92 84.9 59.7 89.5

138 160.9 91.4 137.0#



#48

Acenaphthylene

Concen: 39.13 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

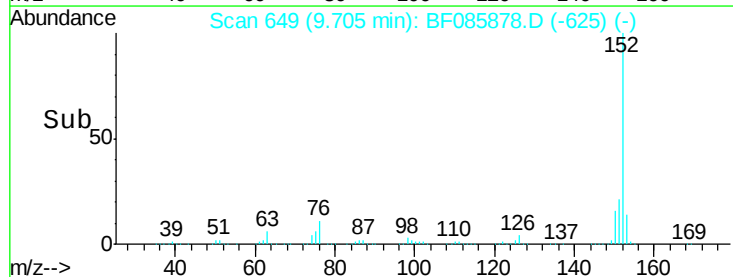
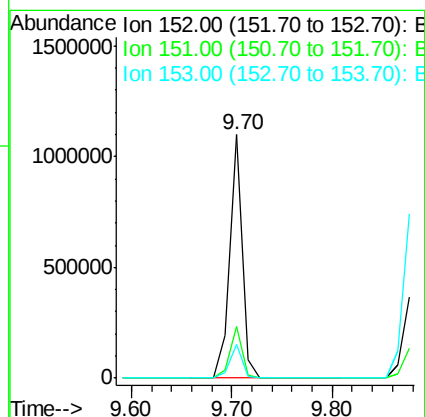
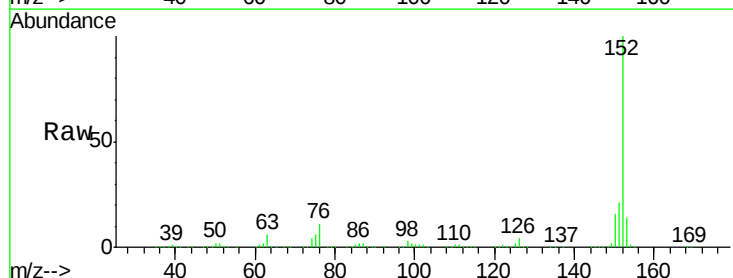
Tgt Ion: 152 Resp: 950068

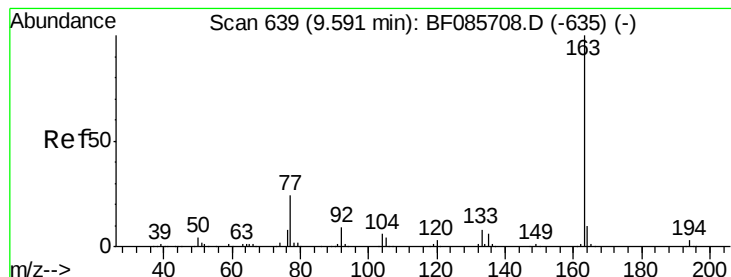
Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 38.51 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

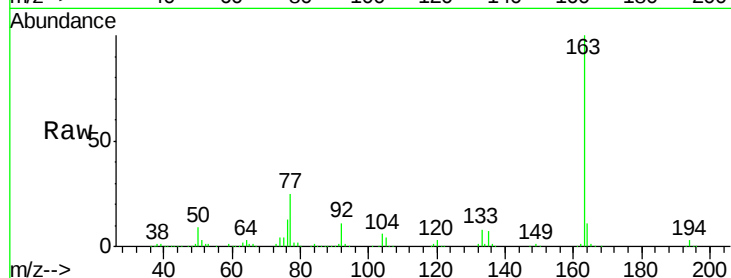
Tgt Ion:163 Resp: 701600

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

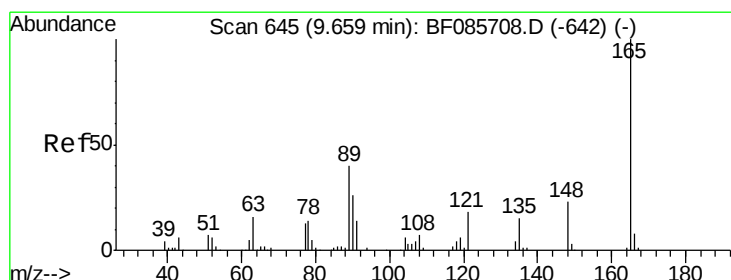
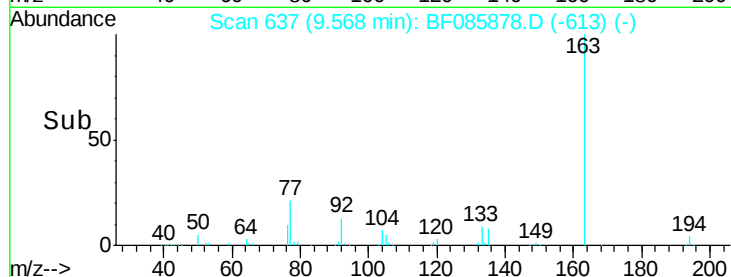
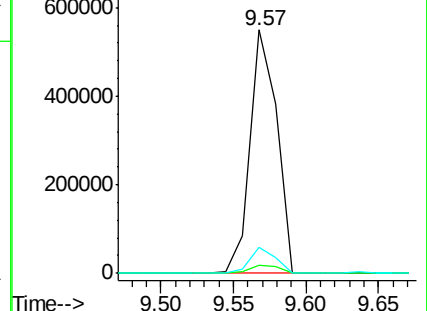
164 10.6 8.3 12.5



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: 42.20 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

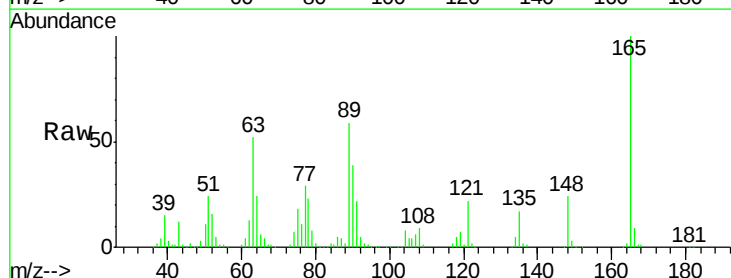
Tgt Ion:165 Resp: 165492

Ion Ratio Lower Upper

165 100

63 52.2 51.8 77.8

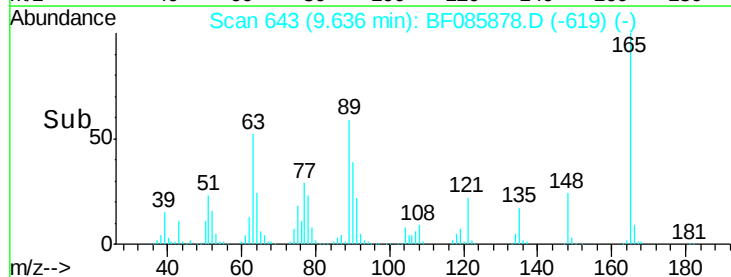
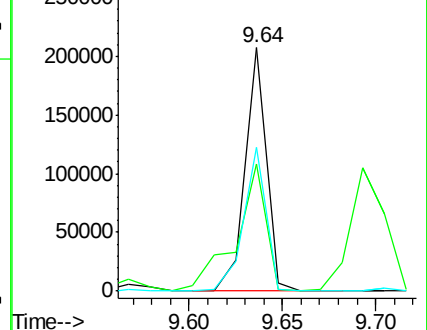
89 58.9 53.7 80.5

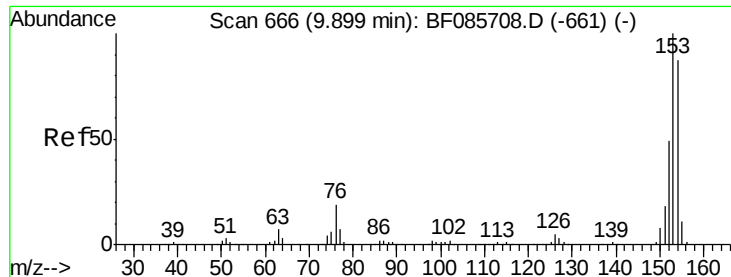


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

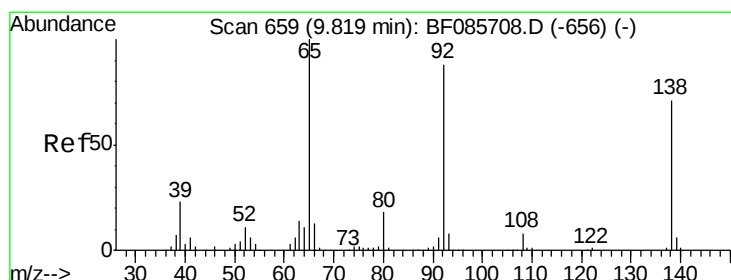
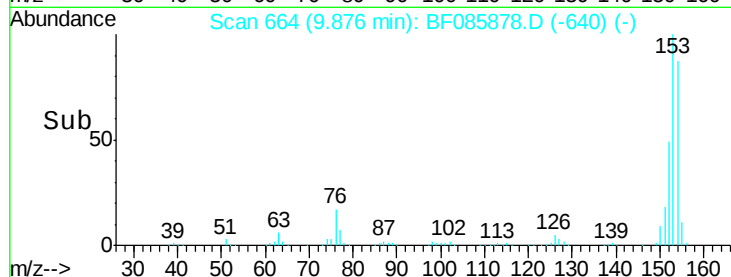
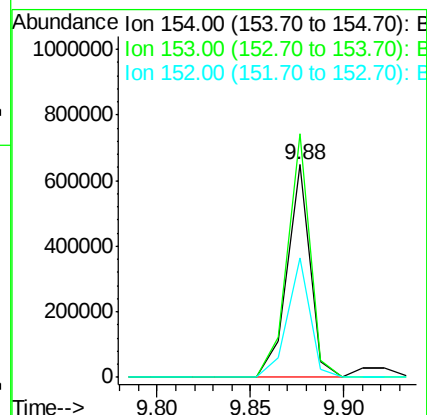
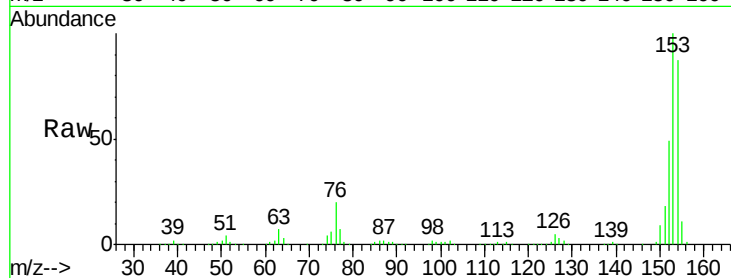




#51
Acenaphthene
Concen: 37.38 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

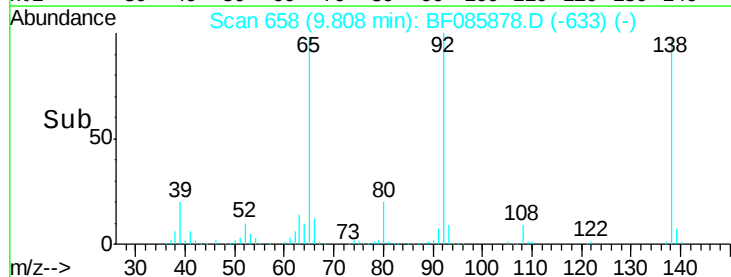
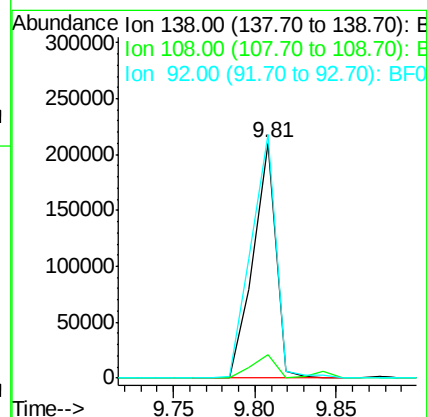
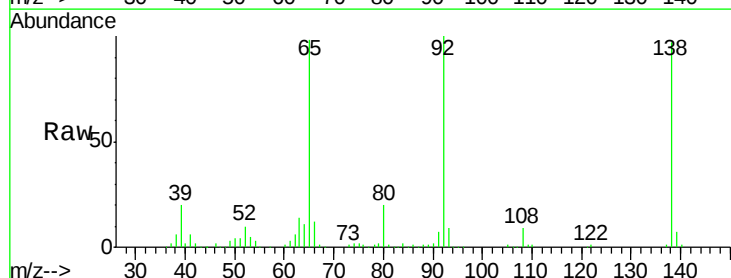
Instrument :
BNA_F
ClientSampleId :

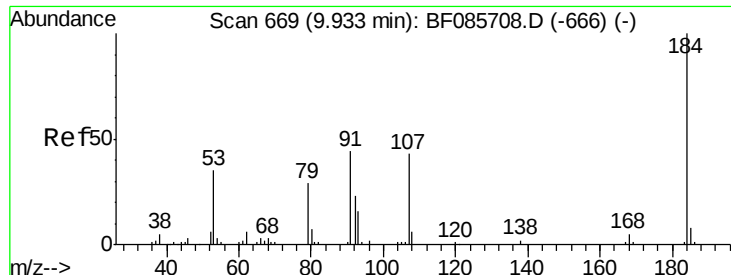
Tgt Ion:154 Resp: 554329
Ion Ratio Lower Upper
154 100
153 114.4 90.1 135.1
152 56.0 44.2 66.2



#52
3-Nitroaniline
Concen: 45.84 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:138 Resp: 205765
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 103.6 93.3 139.9

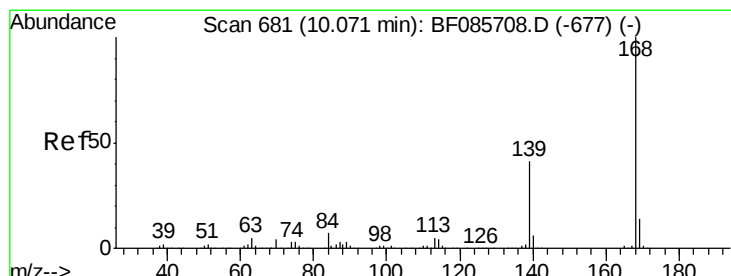
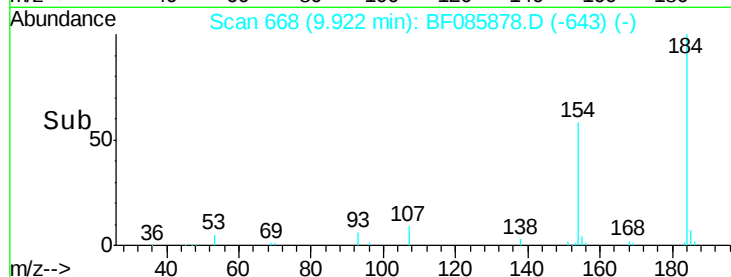
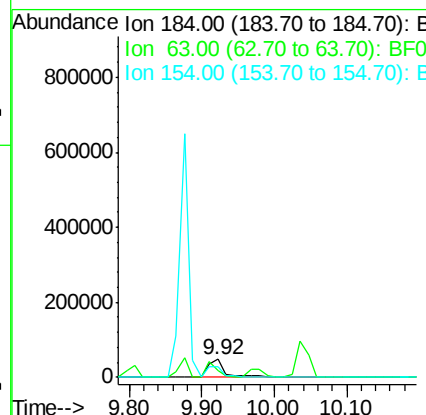
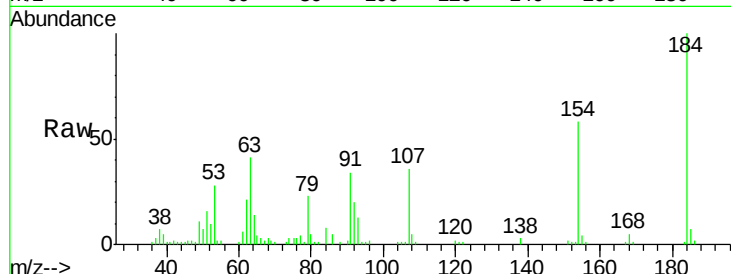




#53
 2,4-Dinitrophenol
 Concen: 41.04 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

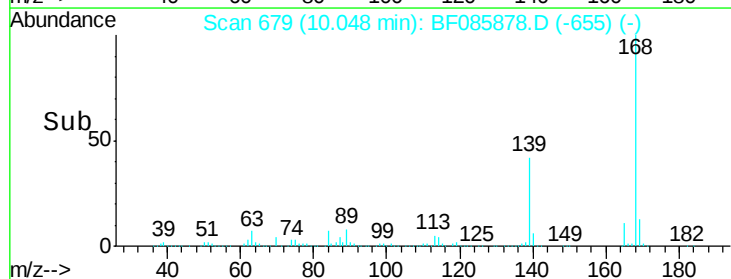
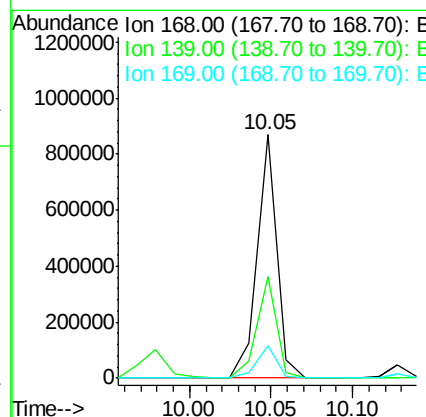
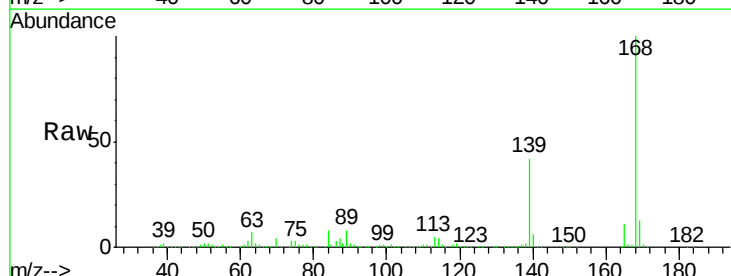
Instrument :
 BNA_F
 ClientSampleId :

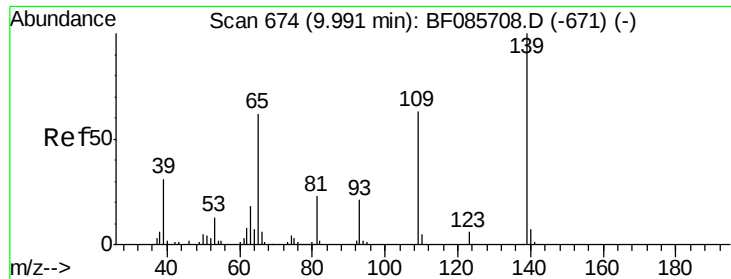
Tgt Ion:184 Resp: 75002
 Ion Ratio Lower Upper
 184 100
 63 40.5 69.5 104.3#
 154 57.8 58.3 87.5#



#54
 Dibenzofuran
 Concen: 38.06 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:168 Resp: 730511
 Ion Ratio Lower Upper
 168 100
 139 41.7 31.9 47.9
 169 13.4 11.0 16.6

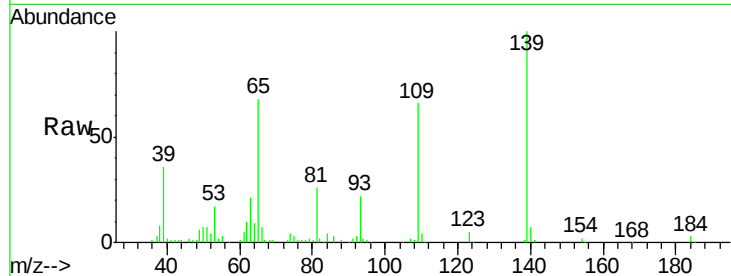




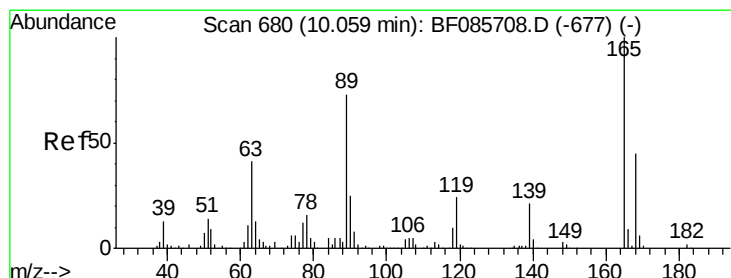
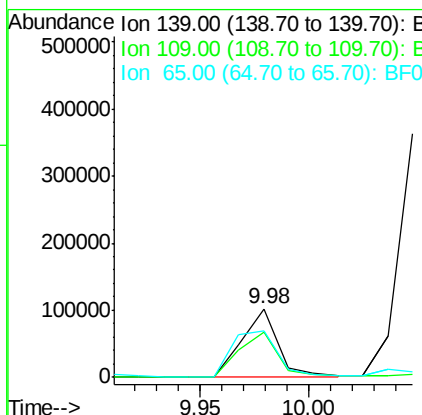
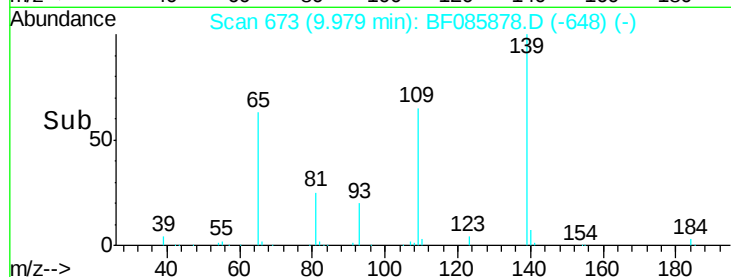
#55
4-Nitrophenol
Concen: 40.60 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 118717
Ion Ratio Lower Upper
139 100
109 65.7 49.2 89.2
65 68.1 66.9 106.9

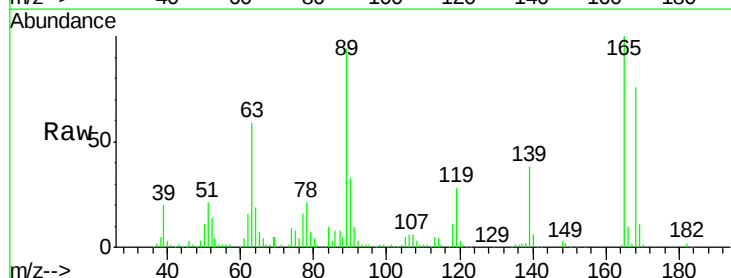


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

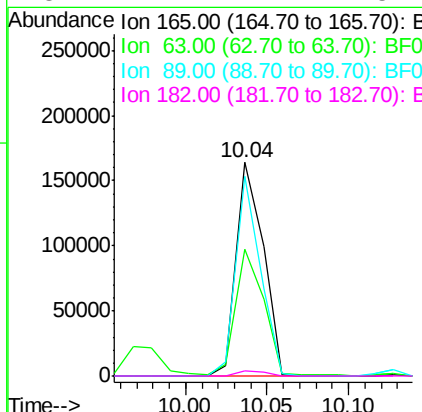
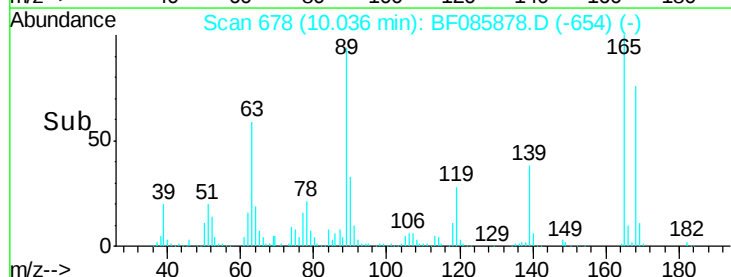


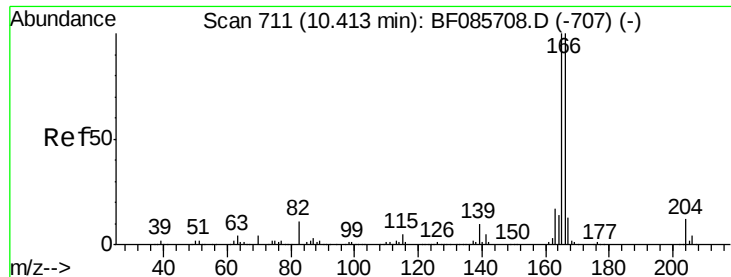
#56
2,4-Dinitrotoluene
Concen: 37.46 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:165 Resp: 186721
Ion Ratio Lower Upper
165 100
63 59.1 24.9 37.3#
89 93.6 41.0 61.6#
182 2.4 2.1 3.1



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





#57

Fluorene

Concen: 39.44 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

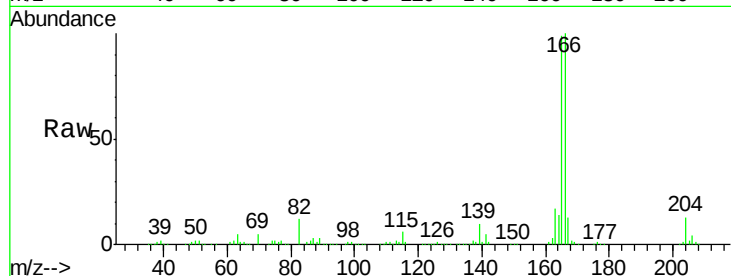
Tgt Ion:166 Resp: 629191

Ion Ratio Lower Upper

166 100

165 98.8 79.4 119.0

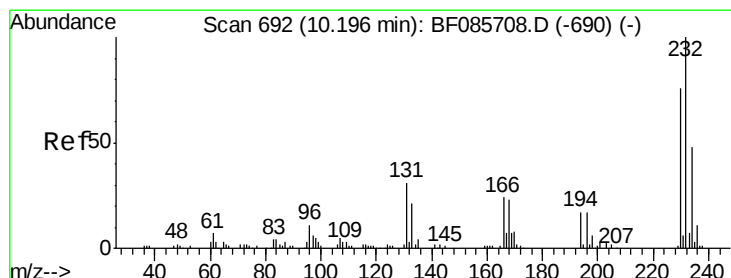
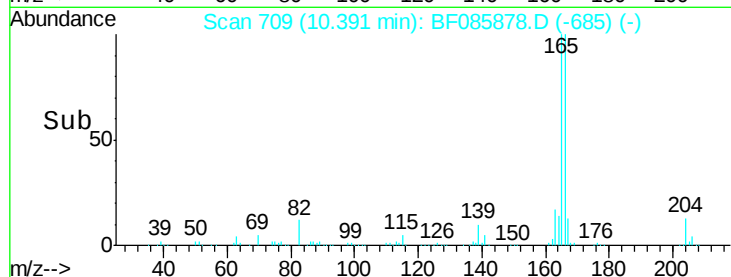
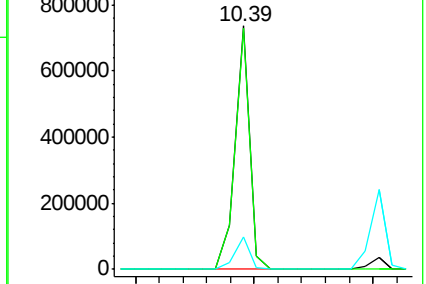
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.53 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion:232 Resp: 145564

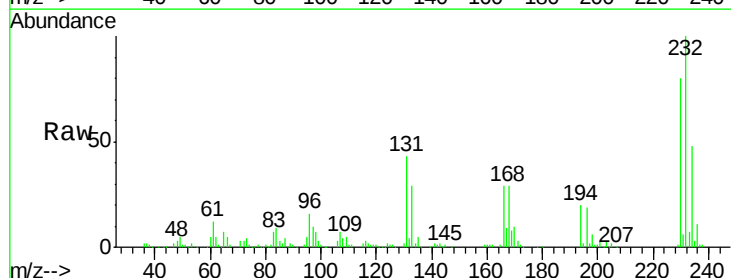
Ion Ratio Lower Upper

232 100

131 53.7 44.9 67.3

130 2.6 2.3 3.5

166 32.6 28.1 42.1

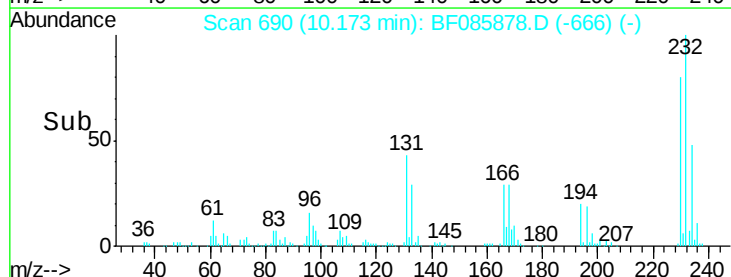
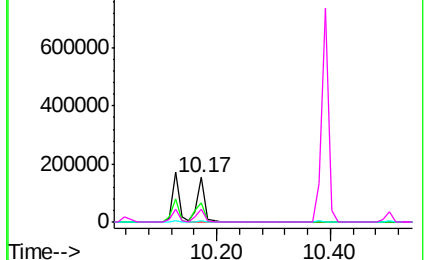


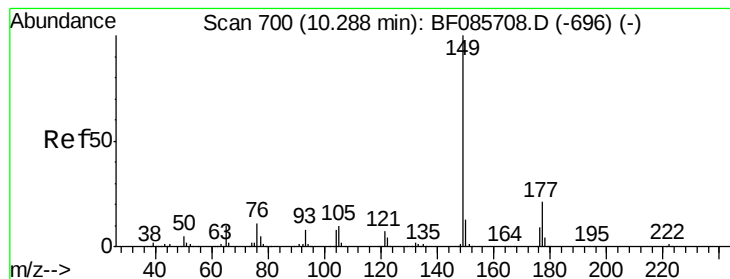
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.29 ng

RT: 10.26 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

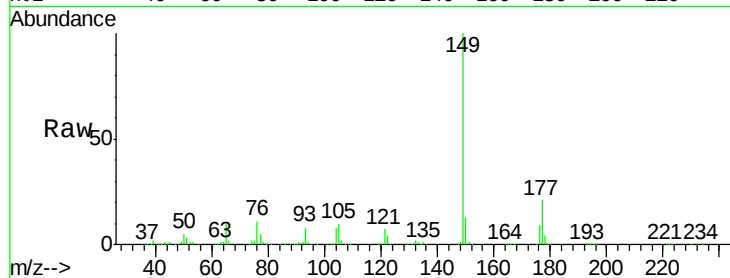
Tgt Ion:149 Resp: 671175

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

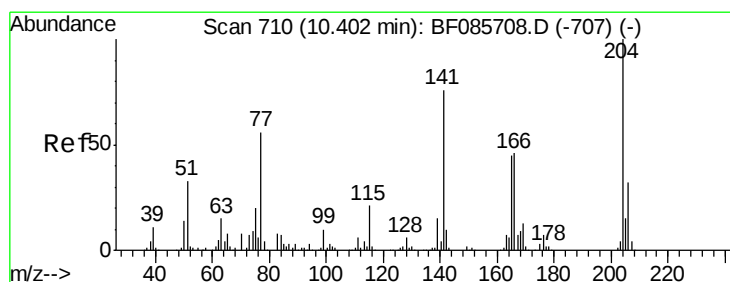
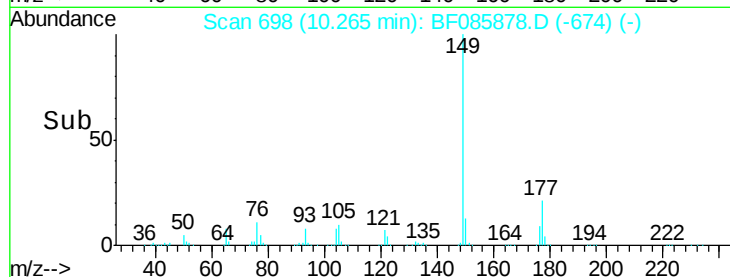
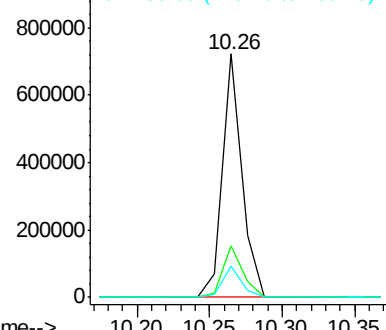
150 12.9 10.2 15.2



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: 36.56 ng

RT: 10.38 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

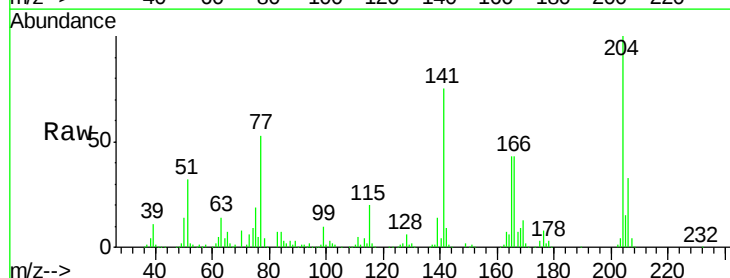
Tgt Ion:204 Resp: 285195

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

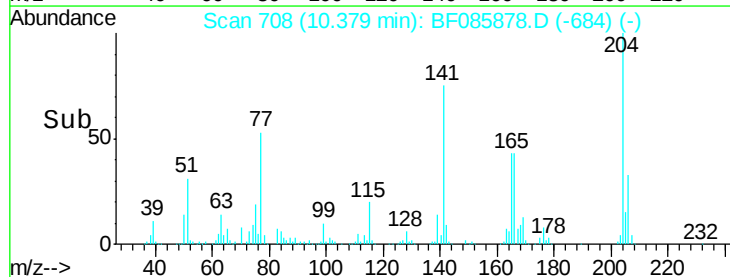
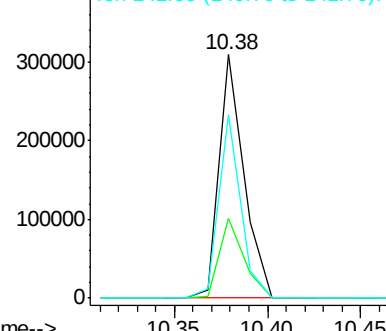
141 75.1 57.4 86.0

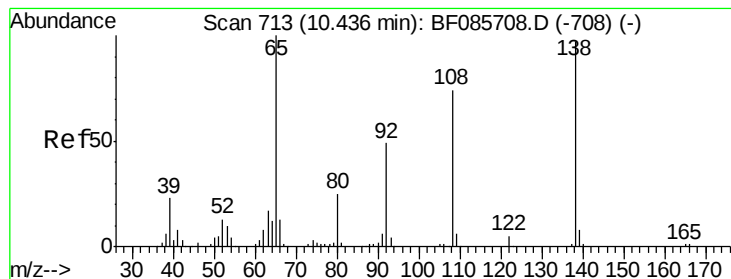


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.98 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

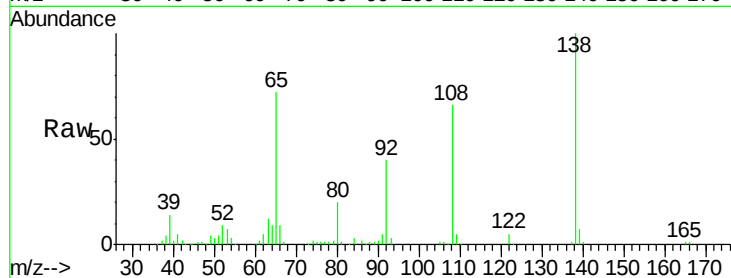
Tgt Ion: 138 Resp: 193105

Ion Ratio Lower Upper

138 100

92 40.3 26.4 66.4

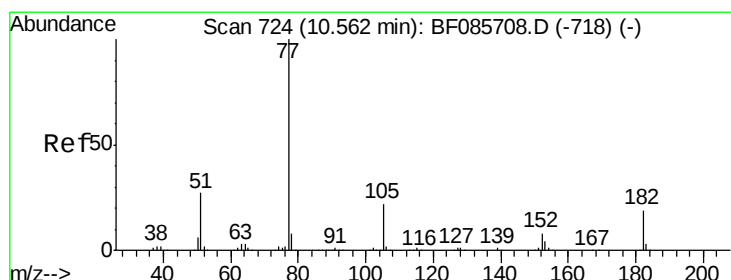
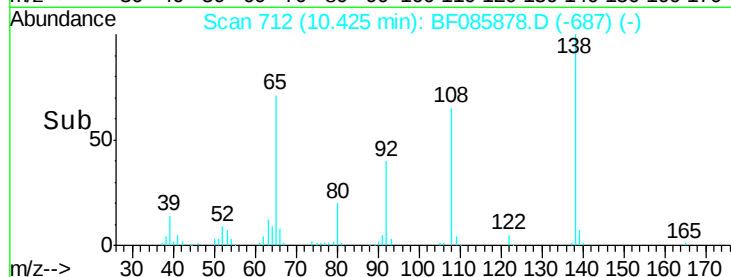
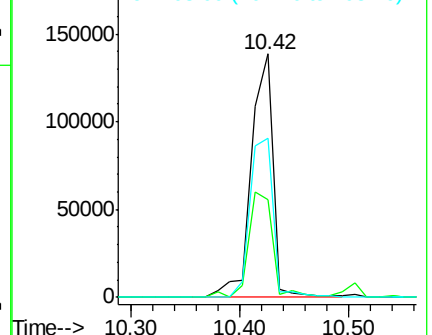
108 65.6 49.0 89.0



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: 38.88 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Tgt Ion: 77 Resp: 672476

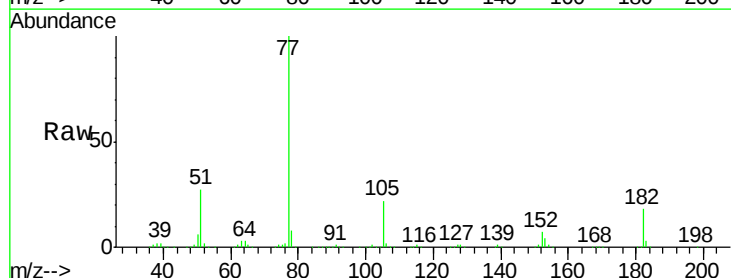
Ion Ratio Lower Upper

77 100

182 18.3 1.9 41.9

105 22.0 3.5 43.5

51 27.4 6.3 46.3

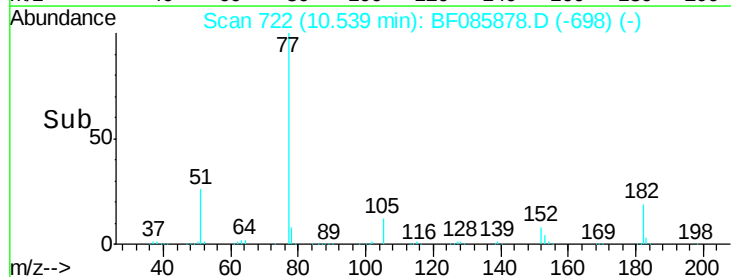
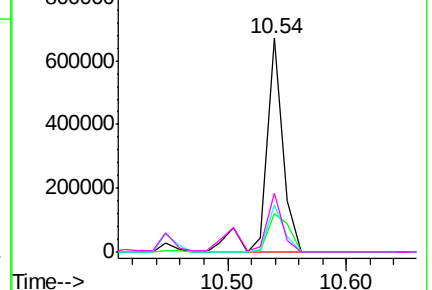


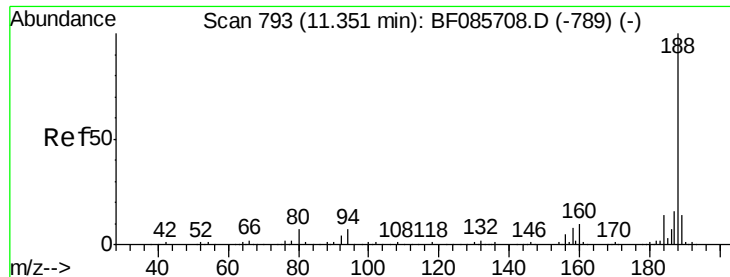
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

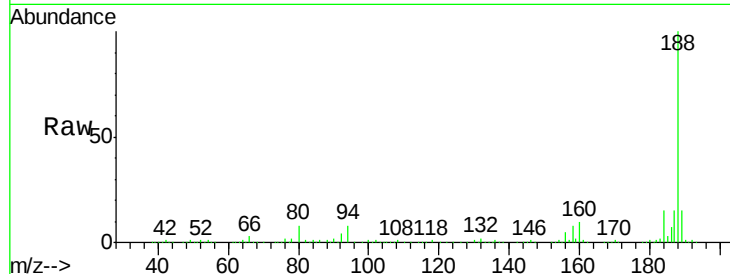




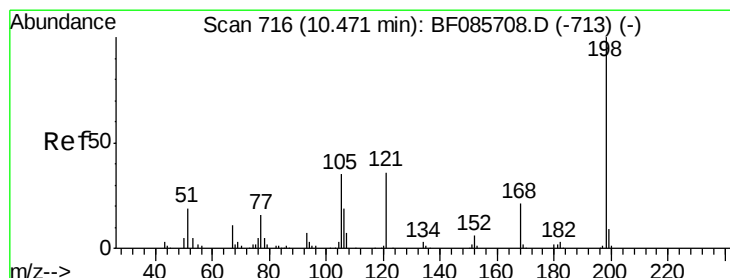
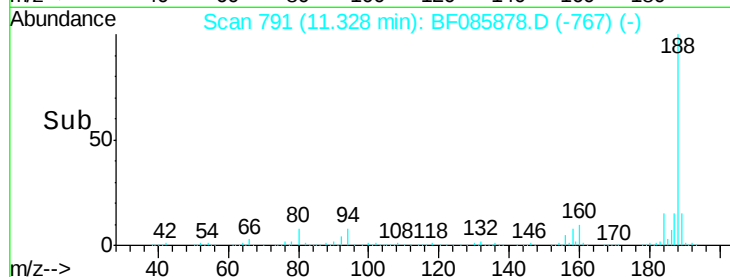
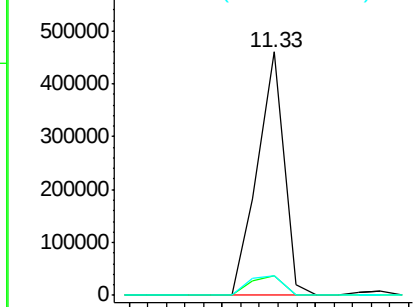
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 455638
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 8.1 5.5 8.3

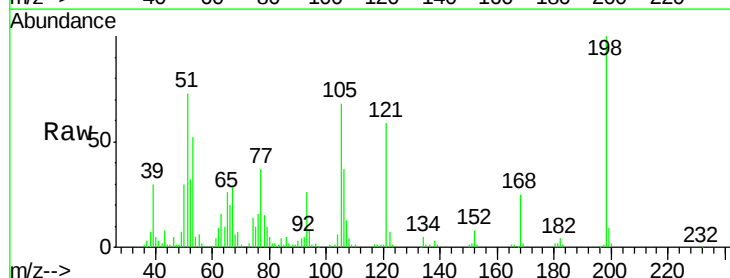


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

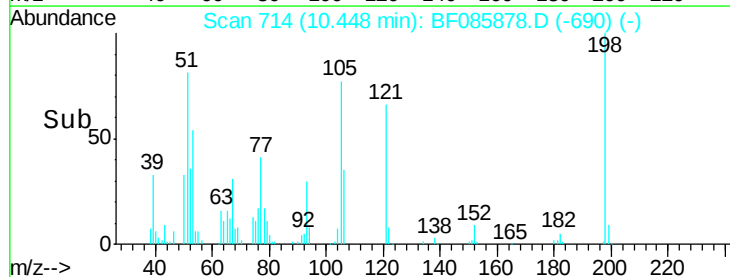
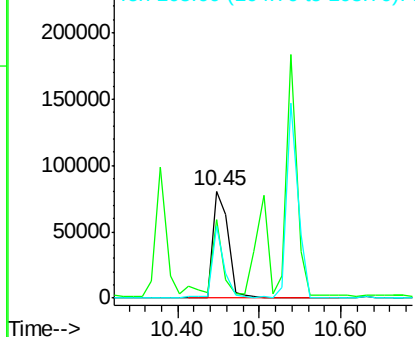


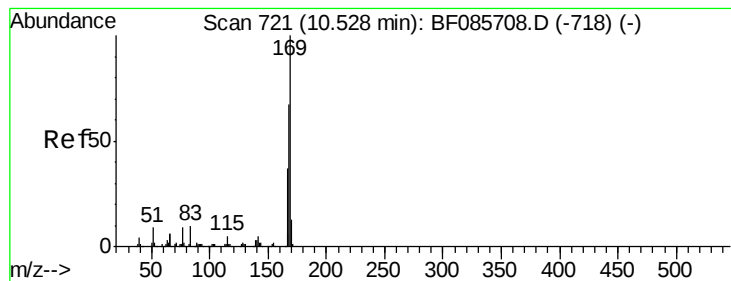
#64
4,6-Dinitro-2-methylphenol
Concen: 39.62 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:198 Resp: 105728
Ion Ratio Lower Upper
198 100
51 73.0 45.4 85.4
105 67.9 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.16 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

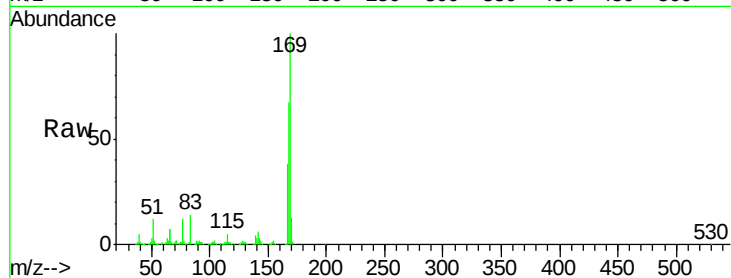
Tgt Ion:169 Resp: 565118

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

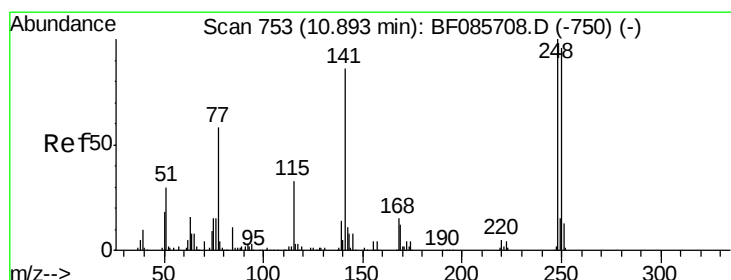
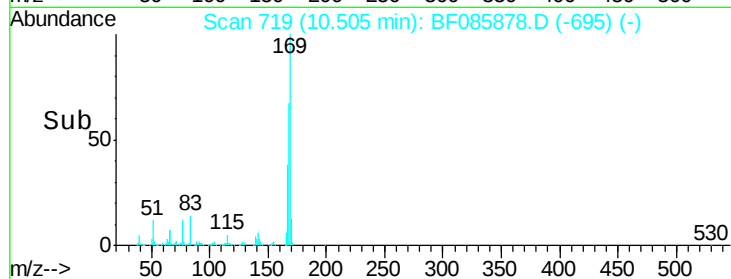
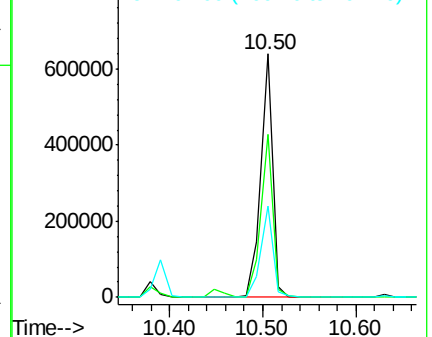
167 37.7 29.4 44.0



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: 39.33 ng

RT: 10.87 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

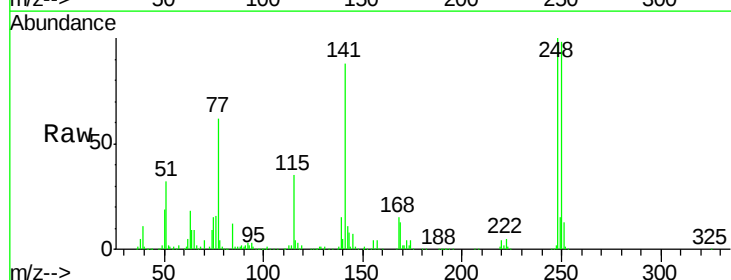
Tgt Ion:248 Resp: 183318

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.0

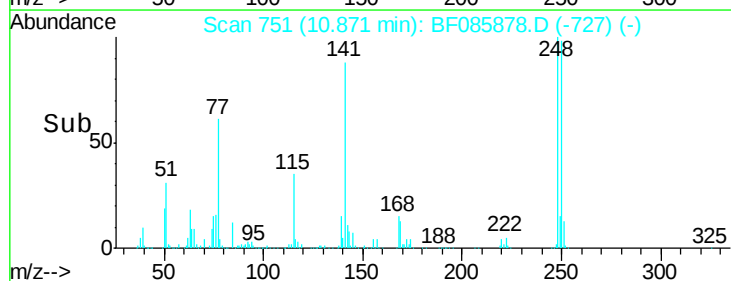
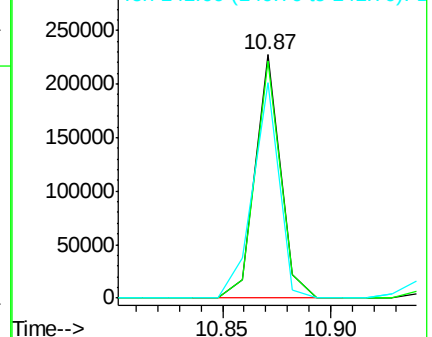
141 88.3 63.6 95.4

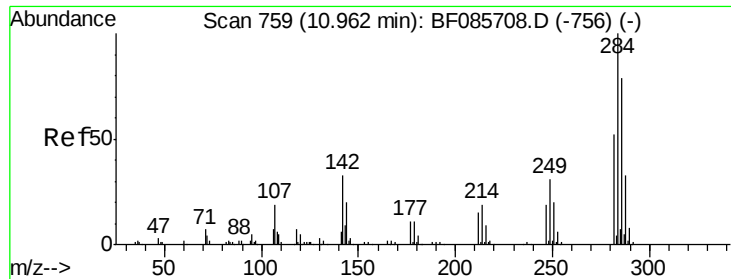


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.71 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF085878.D

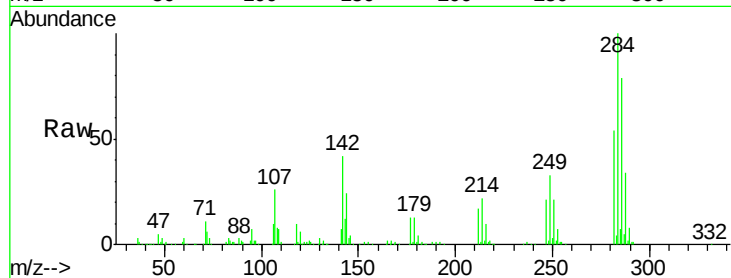
Acq: 30 Mar 2016 10:56

Instrument :

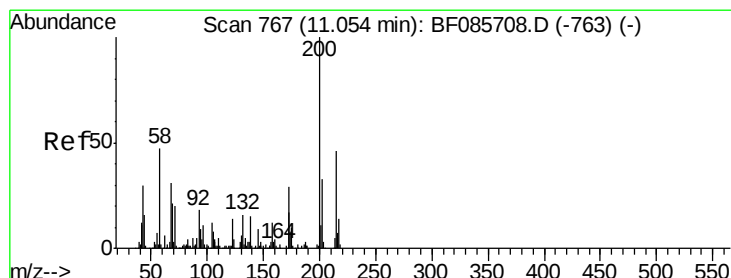
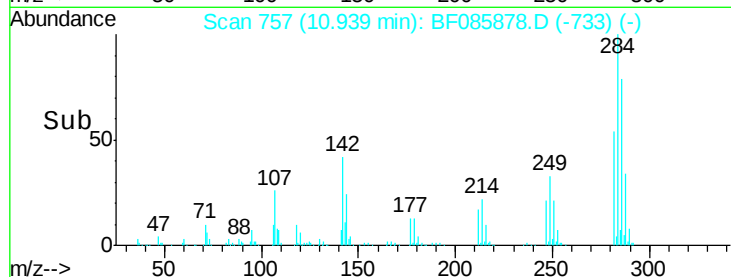
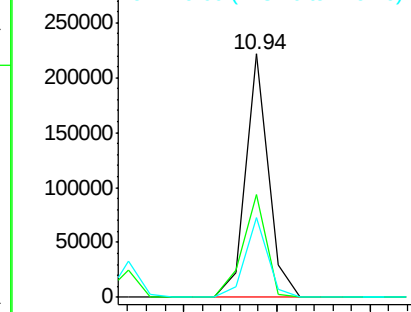
BNA_F

ClientSampleId :

Tgt Ion:	284	Resp:	188714
Ion Ratio	Lower	Upper	
284	100		
142	42.4	23.1	34.7#
249	33.0	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: 33.11 ng

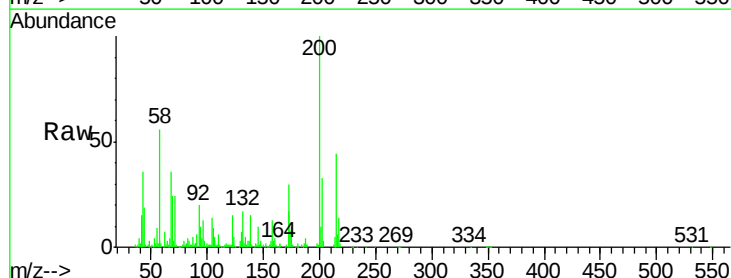
RT: 11.03 min Scan# 765

Delta R.T. -0.02 min

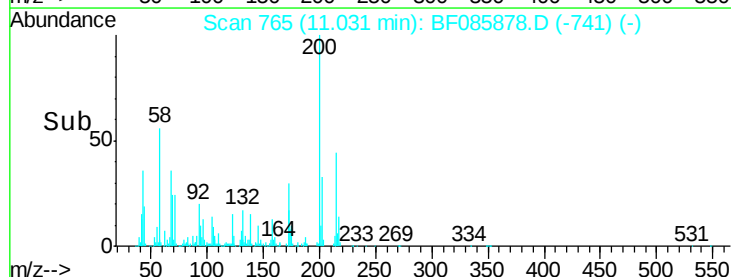
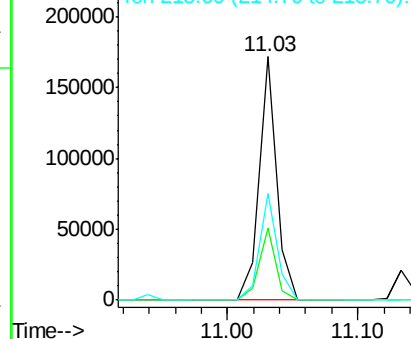
Lab File: BF085878.D

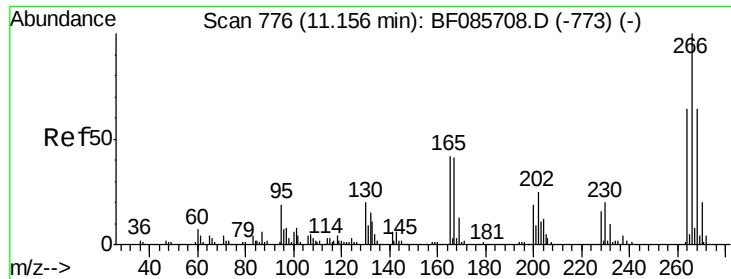
Acq: 30 Mar 2016 10:56

Tgt Ion:	200	Resp:	161304
Ion Ratio	Lower	Upper	
200	100		
173	29.5	7.7	47.7
215	44.0	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

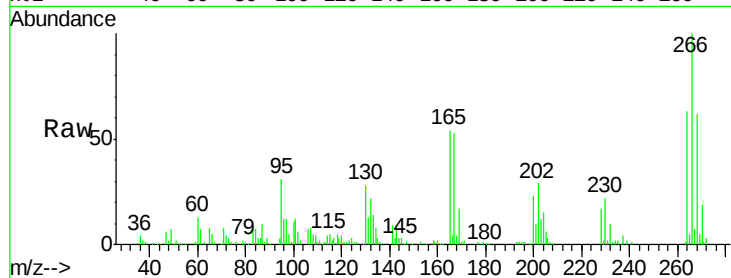




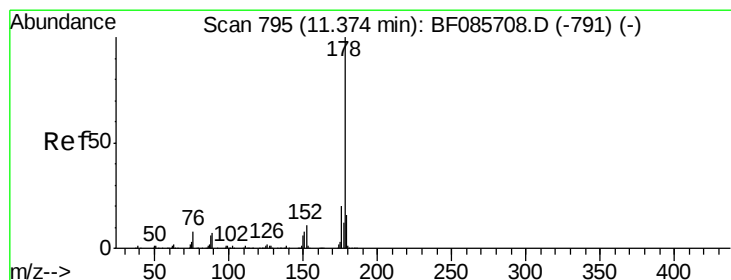
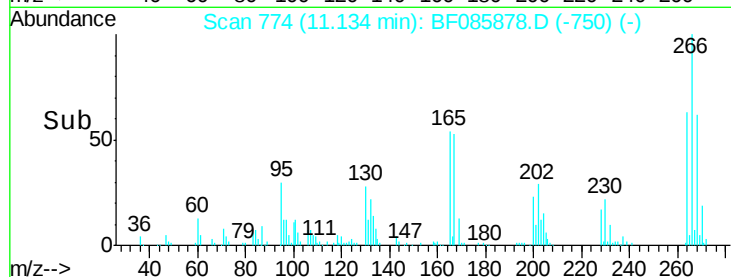
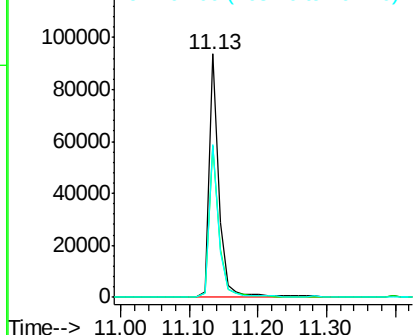
#69
 Pentachlorophenol
 Concen: 40.09 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 266 Resp: 95936
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.5 77.3
 264 62.7 50.6 76.0

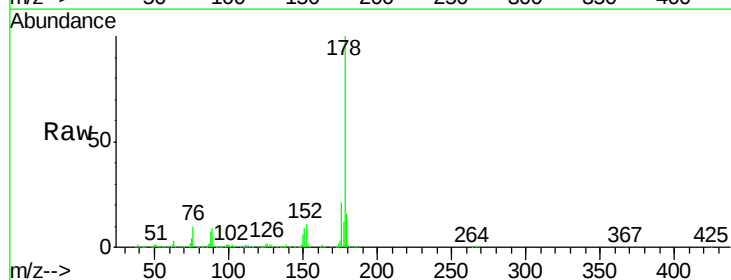


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

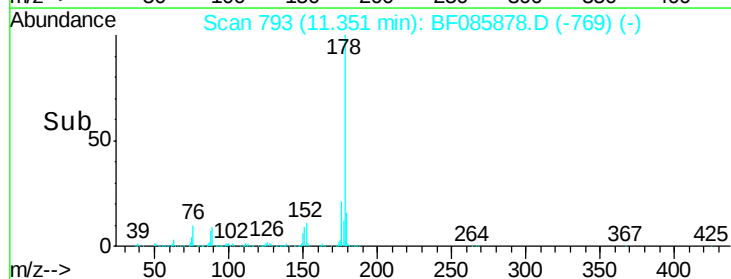
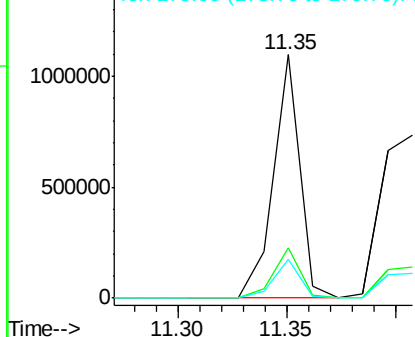


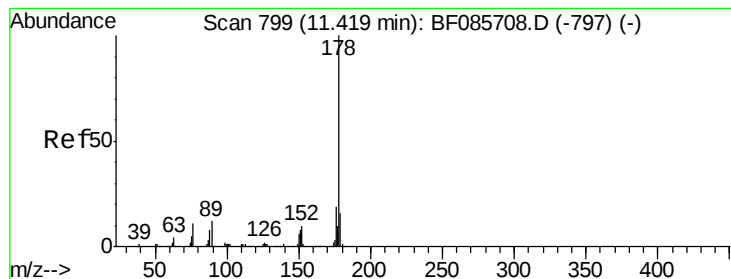
#70
 Phenanthrene
 Concen: 39.98 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion: 178 Resp: 935382
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 40.05 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampled :

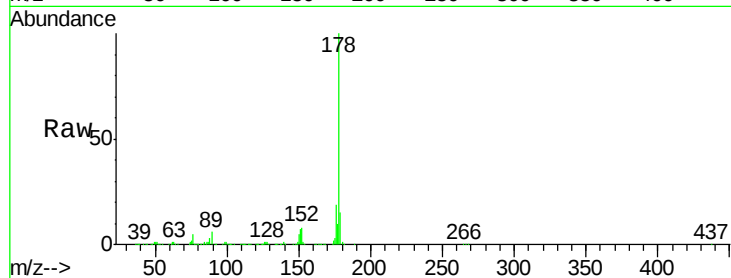
Tgt Ion:178 Resp: 983604

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

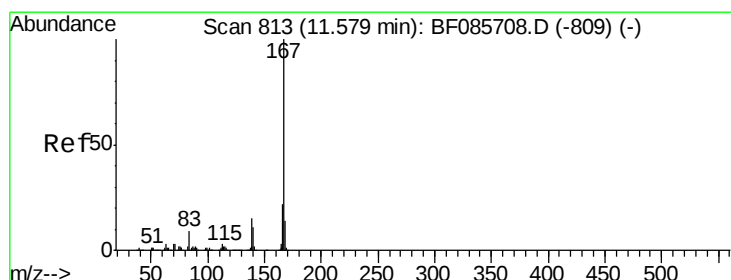
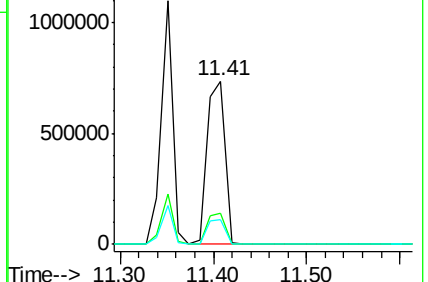
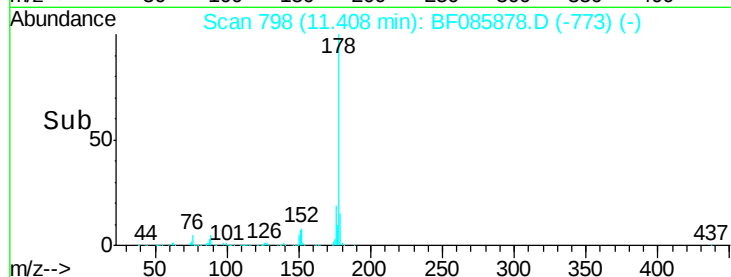
179 15.3 13.0 19.4



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: 38.27 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

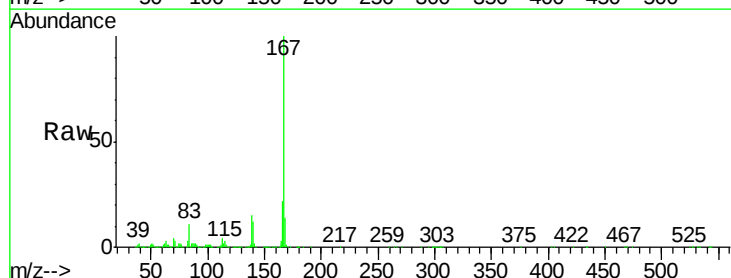
Tgt Ion:167 Resp: 789178

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

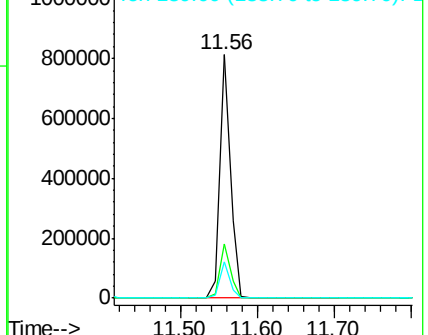
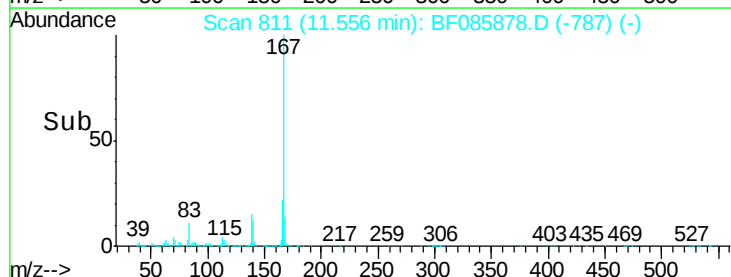
139 15.1 11.6 17.4

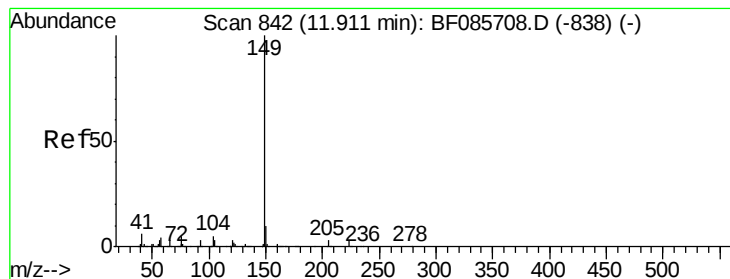


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.21 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

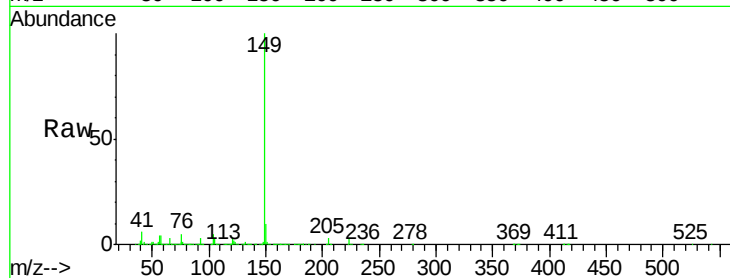
Tgt Ion:149 Resp: 1053042

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

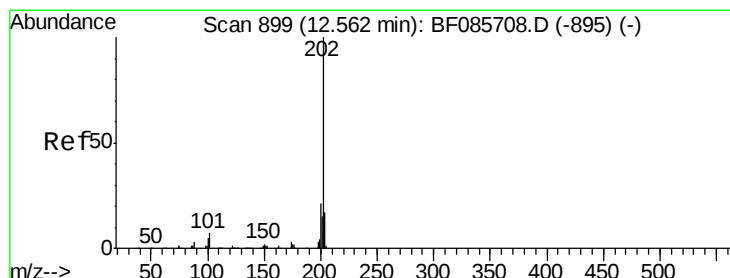
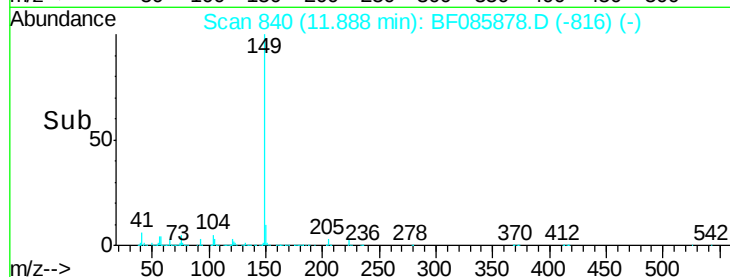
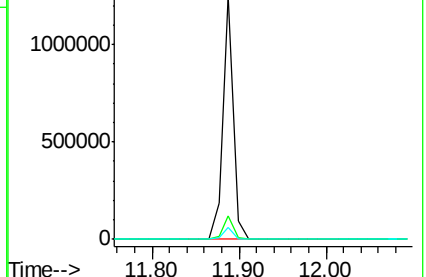
104 5.2 3.8 5.8



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: 40.87 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

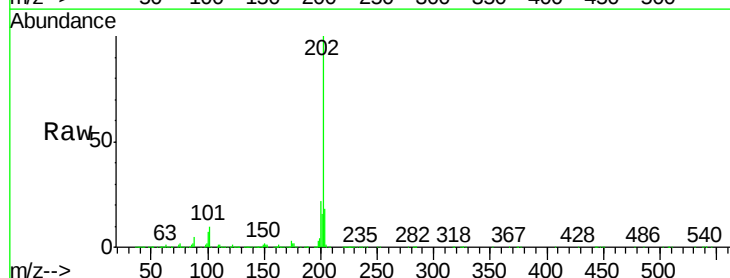
Tgt Ion:202 Resp: 1016283

Ion Ratio Lower Upper

202 100

101 9.9 0.0 36.6

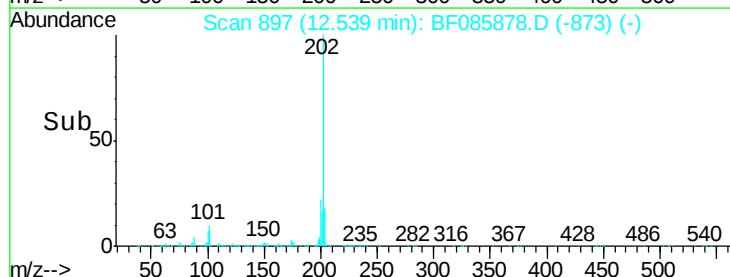
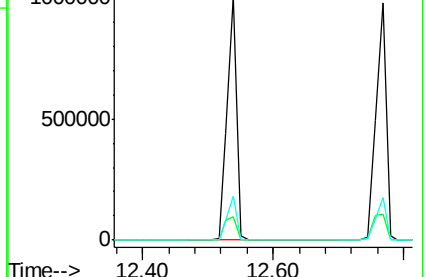
203 17.9 0.0 38.1

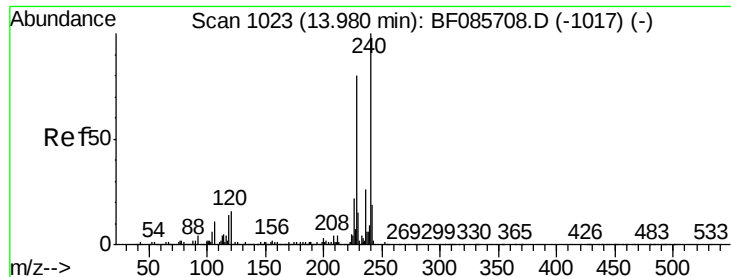


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

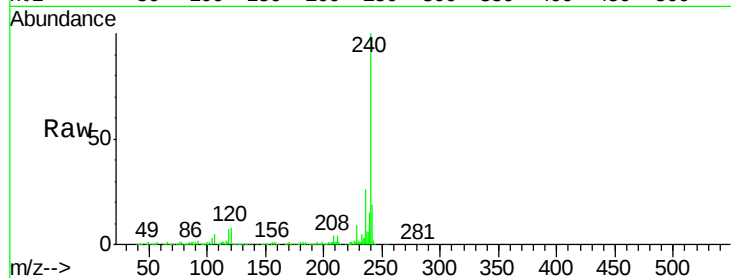
Tgt Ion:240 Resp: 334569

Ion Ratio Lower Upper

240 100

120 7.9 13.8 20.8#

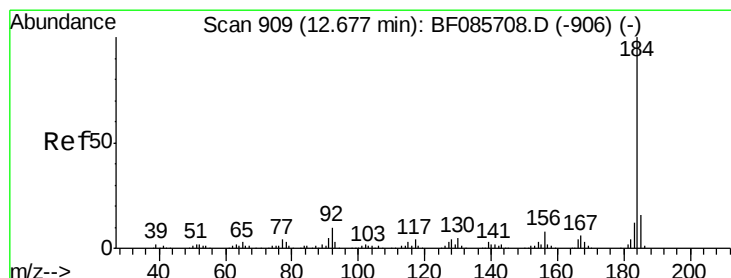
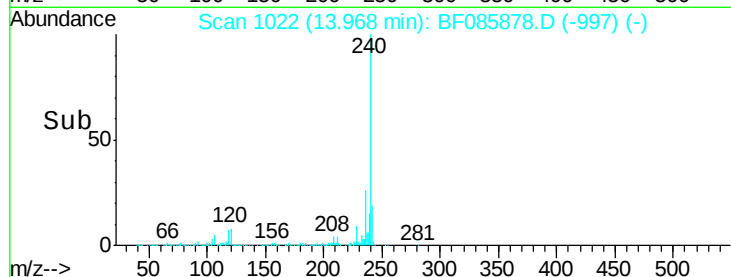
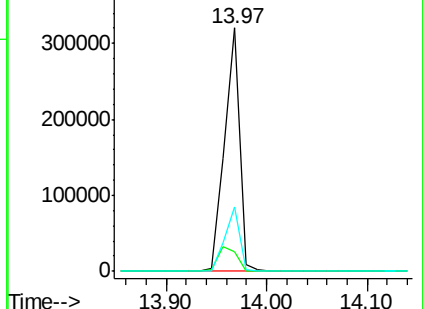
236 26.5 20.6 30.8



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: 32.72 ng

RT: 12.67 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

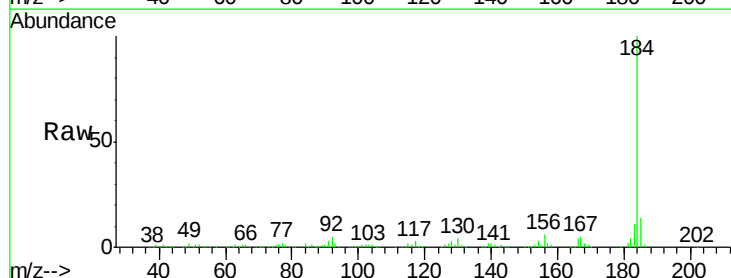
Tgt Ion:184 Resp: 385554

Ion Ratio Lower Upper

184 100

185 14.0 12.4 18.6

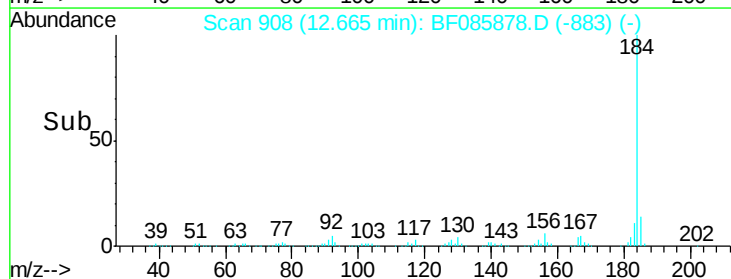
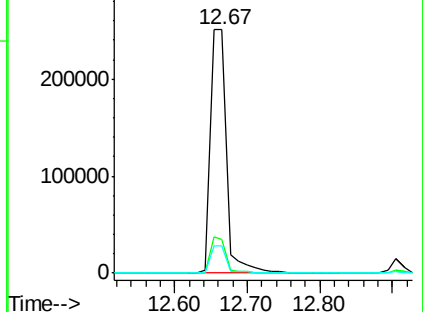
183 11.4 9.4 14.2

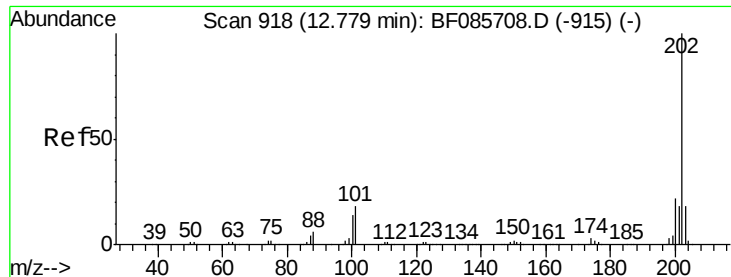


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

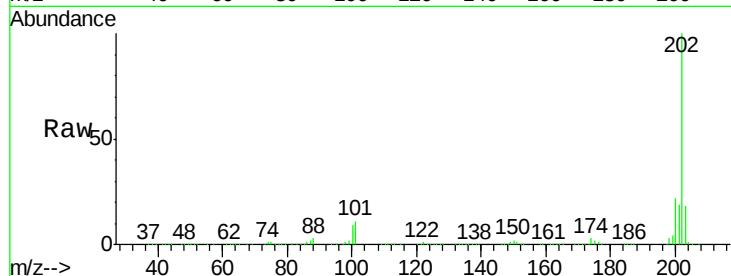




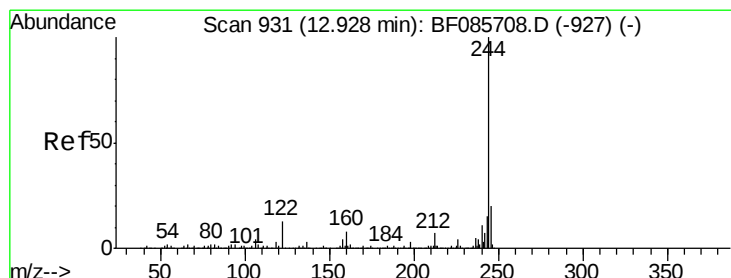
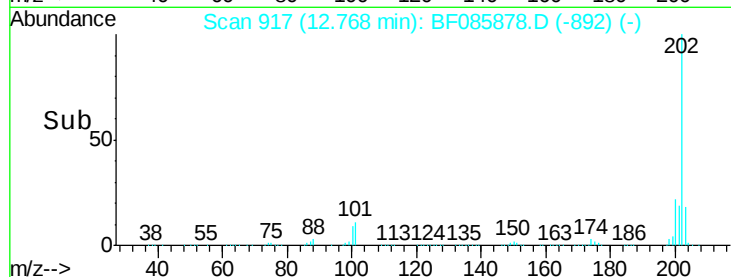
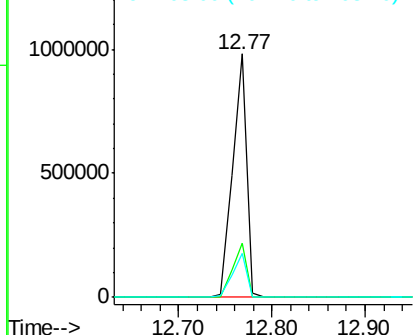
#77
 Pyrene
 Concen: 37.73 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:202 Resp: 1037623
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 17.8 14.0 21.0

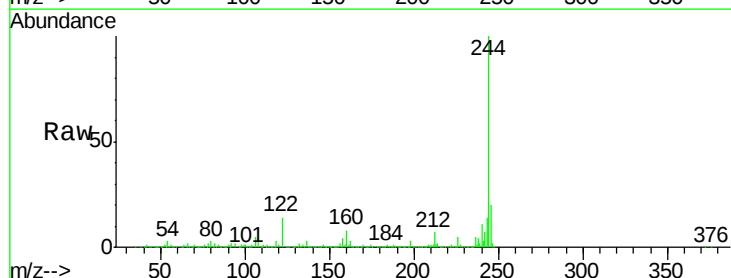


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

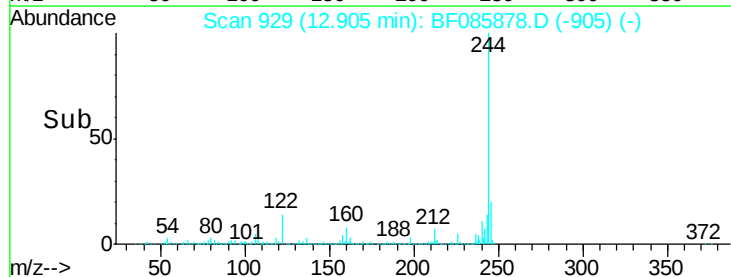
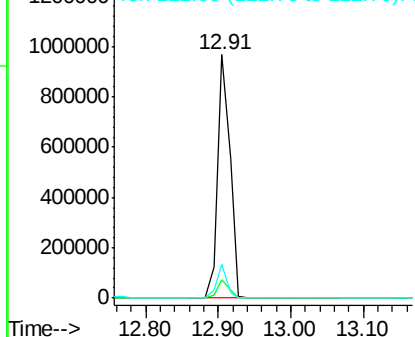


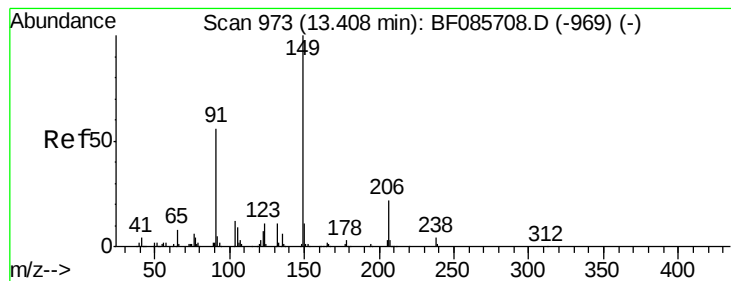
#78
 Terphenyl-d14
 Concen: 70.06 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:244 Resp: 1139735
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 14.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.49 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

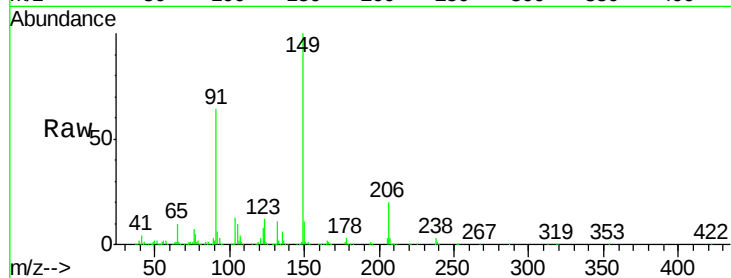
Tgt Ion:149 Resp: 477858

Ion Ratio Lower Upper

149 100

91 63.6 45.8 68.8

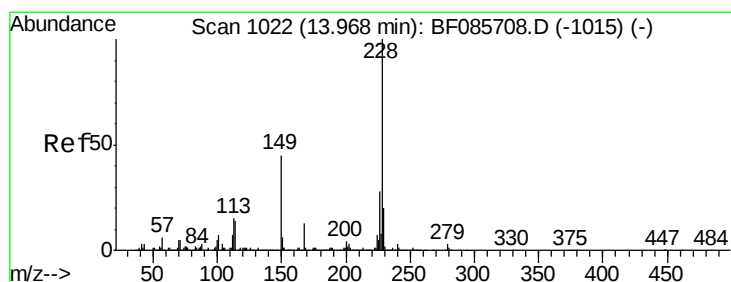
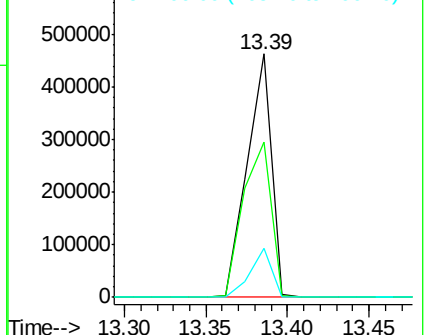
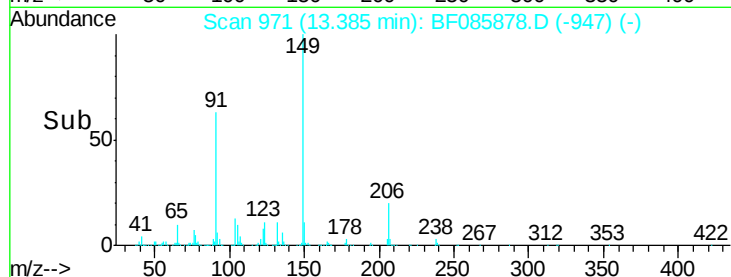
206 20.1 17.8 26.8



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: 40.52 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

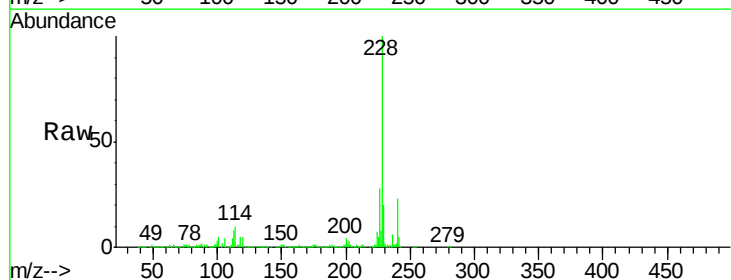
Tgt Ion:228 Resp: 772981

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

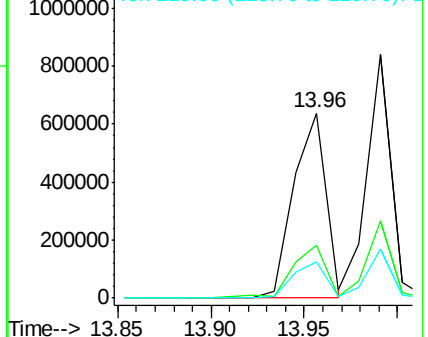
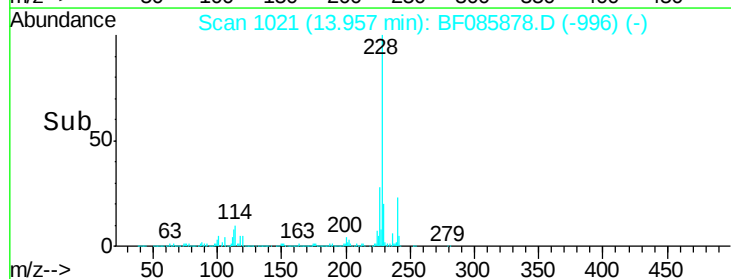
229 19.8 16.2 24.4

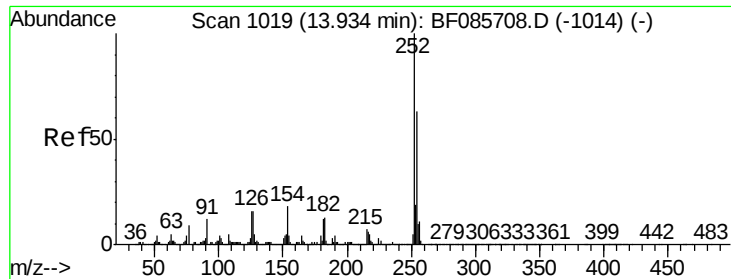


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

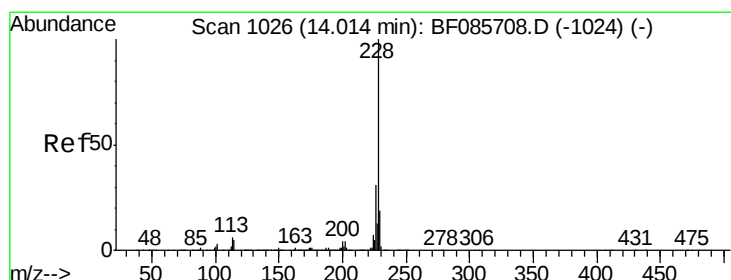
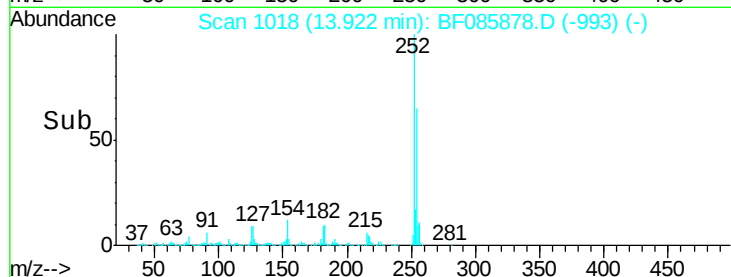
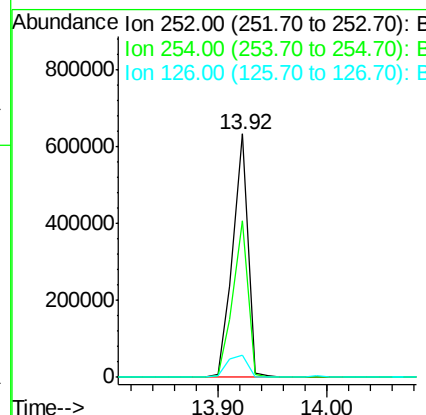
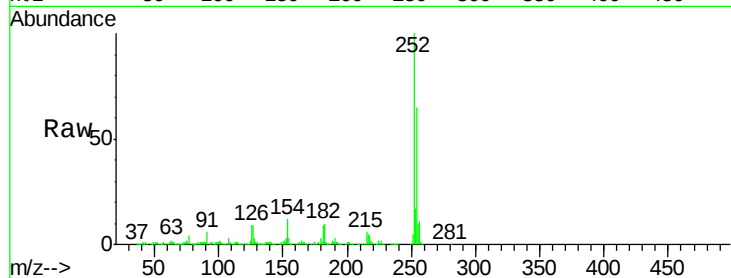




#81
 3,3'-Dichlorobenzidine
 Concen: 46.47 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

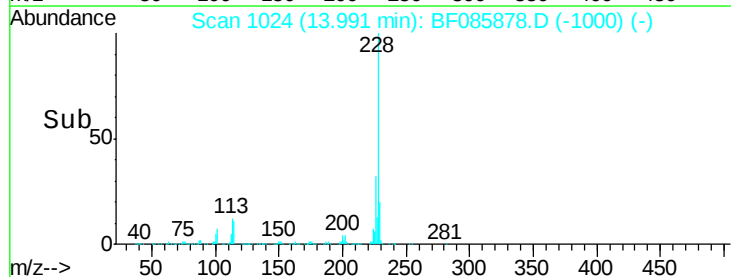
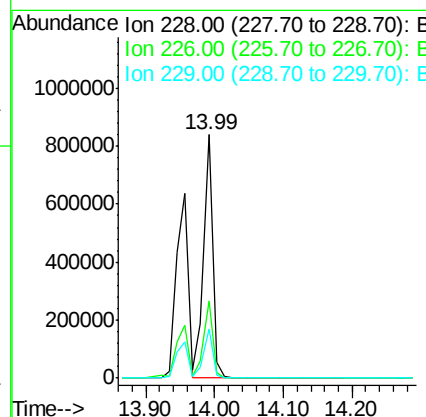
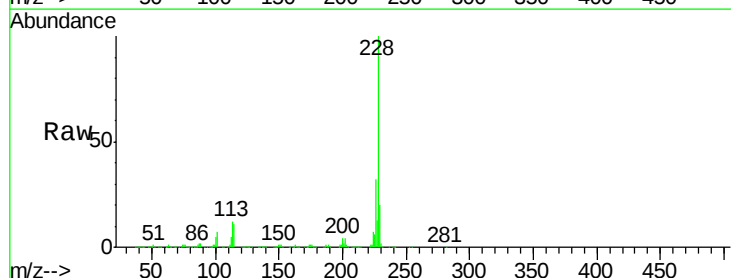
Instrument :
 BNA_F
 ClientSampleId :

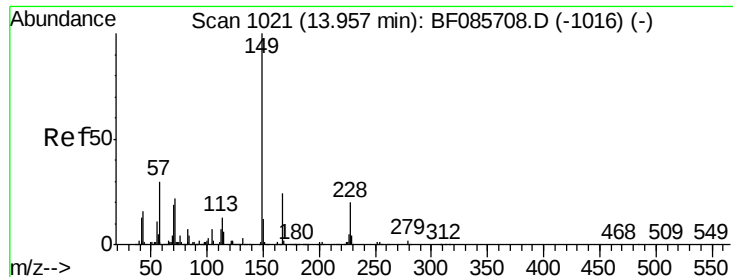
Tgt Ion:252 Resp: 615304
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 9.3 11.8 17.6#



#82
 Chrysene
 Concen: 39.37 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:228 Resp: 756504
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 20.0 15.7 23.5

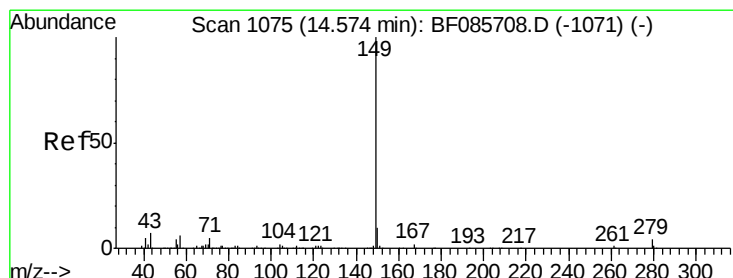
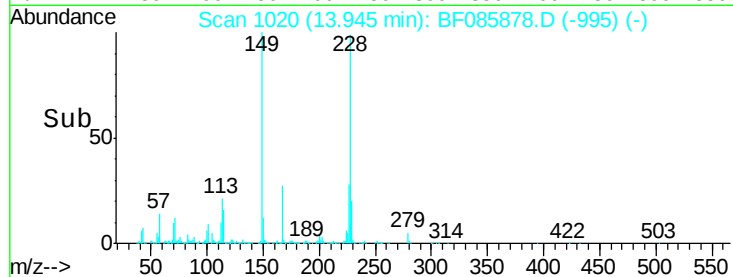
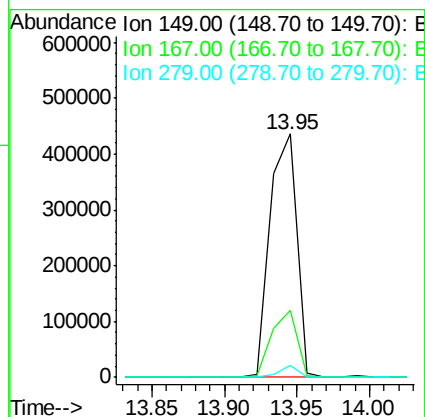
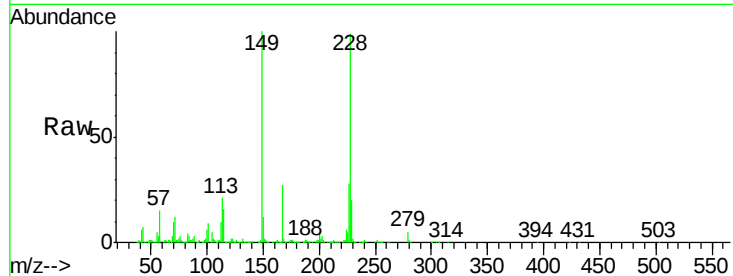




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.79 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

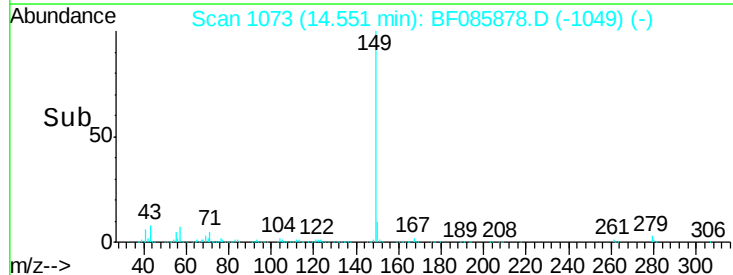
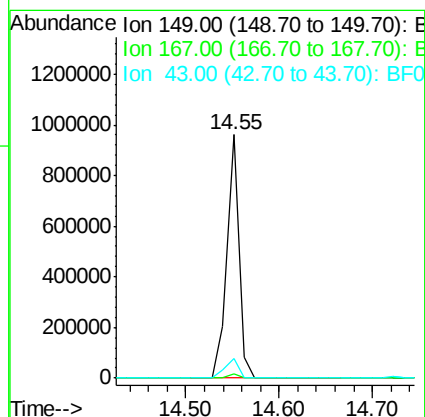
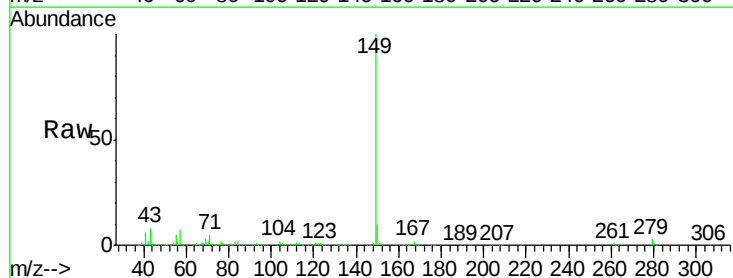
Instrument :
 BNA_F
 ClientSampleId :

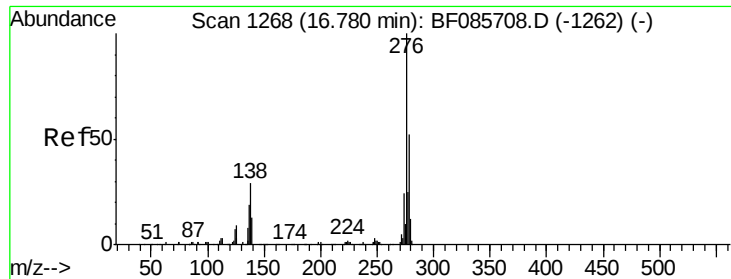
Tgt Ion:149 Resp: 562496
 Ion Ratio Lower Upper
 149 100
 167 27.3 19.4 29.2
 279 5.1 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 41.99 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion:149 Resp: 861051
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 7.1 10.7

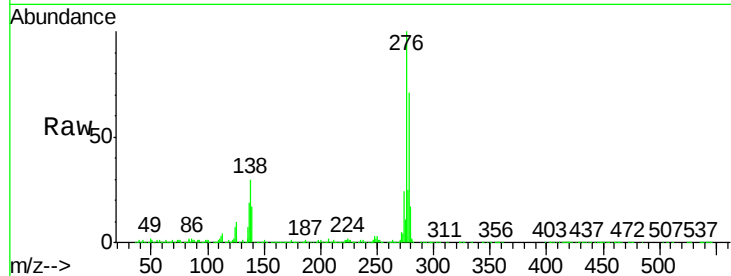




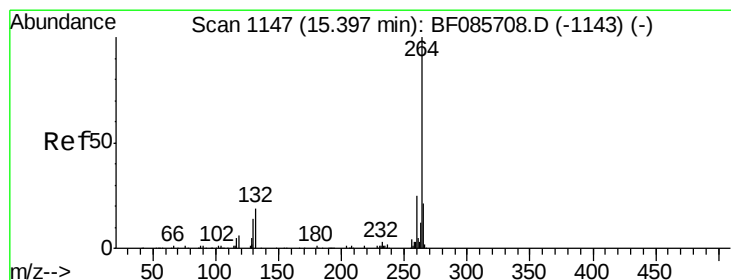
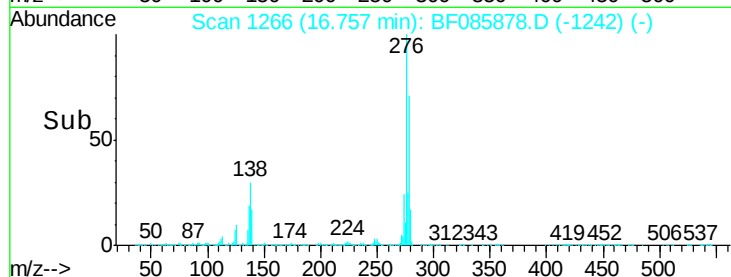
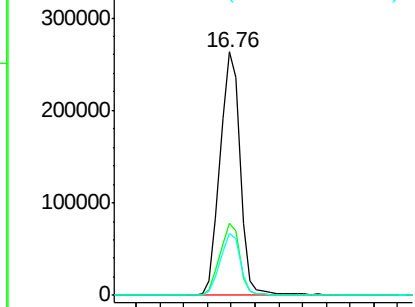
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.76 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.2	36.4
277	25.9	20.0	30.0

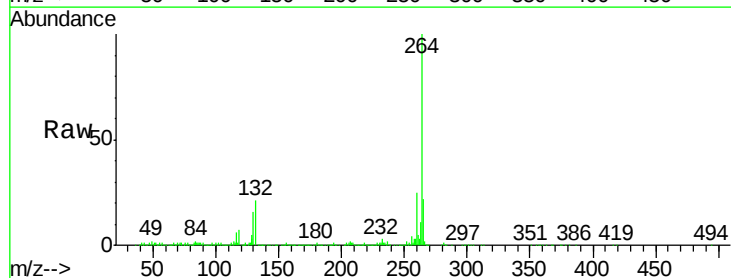


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

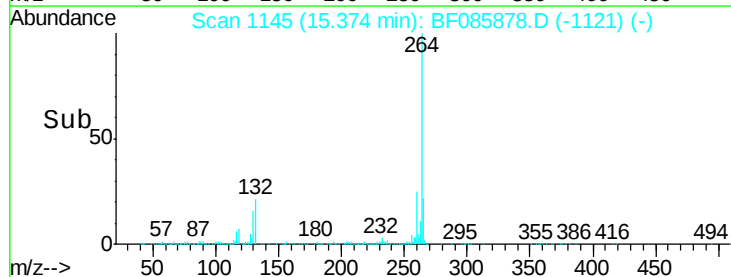
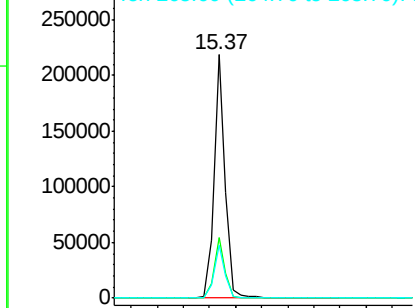


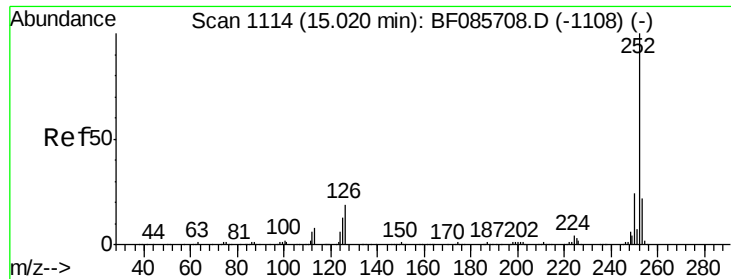
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF085878.D
 Acq: 30 Mar 2016 10:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

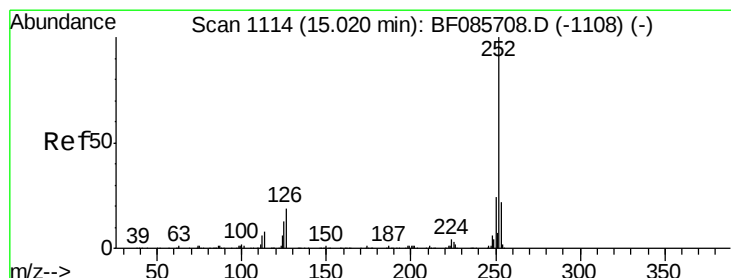
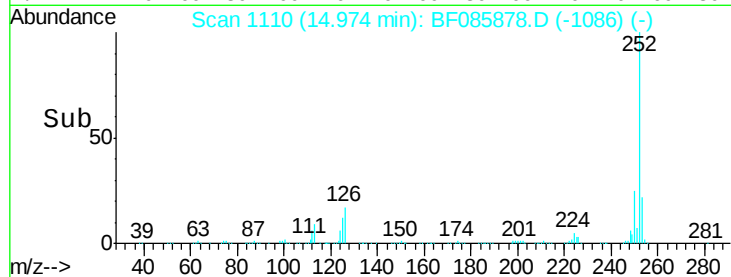
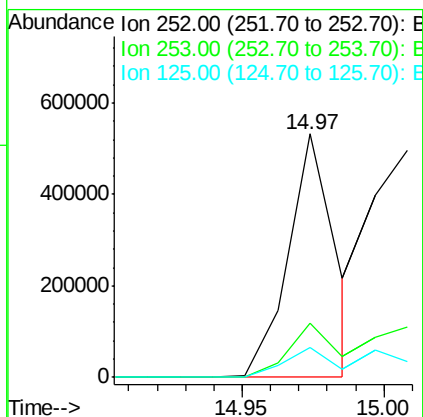
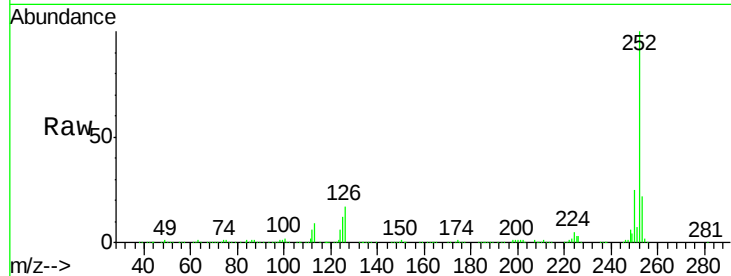




#87
Benzo(b)fluoranthene
Concen: 37.00 ng m
RT: 14.97 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

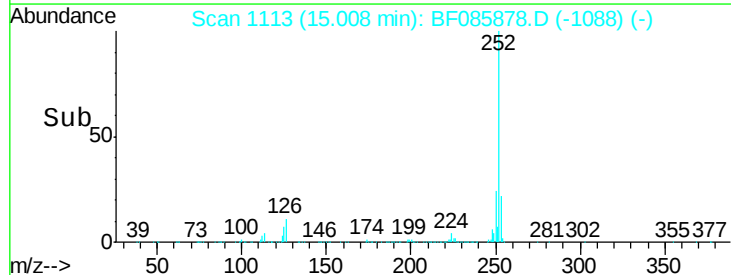
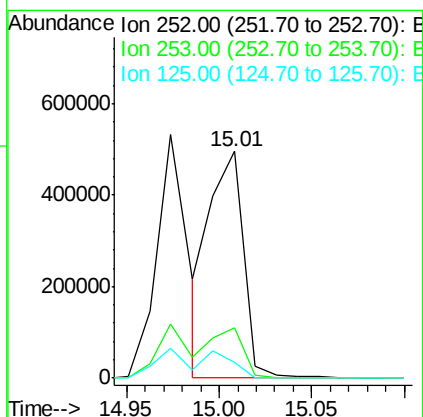
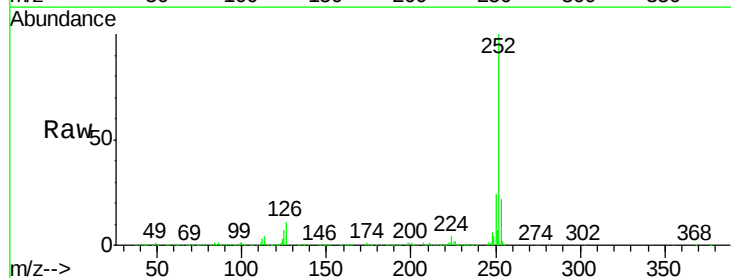
Instrument :
BNA_F
ClientSampleId :

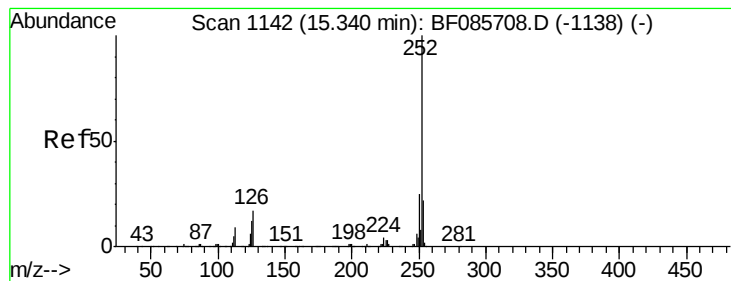
Tgt Ion:252 Resp: 615569
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.3 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 42.90 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF085878.D
Acq: 30 Mar 2016 10:56

Tgt Ion:252 Resp: 643444
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 6.9 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 39.47 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :

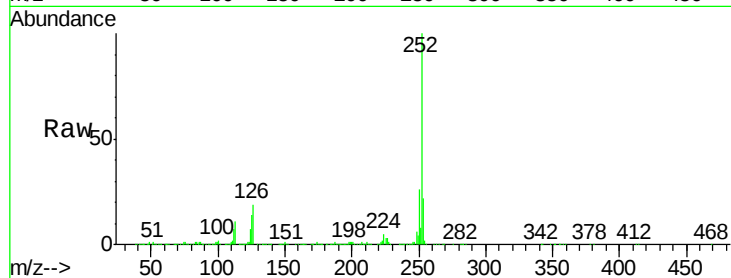
Tgt Ion:252 Resp: 583133

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

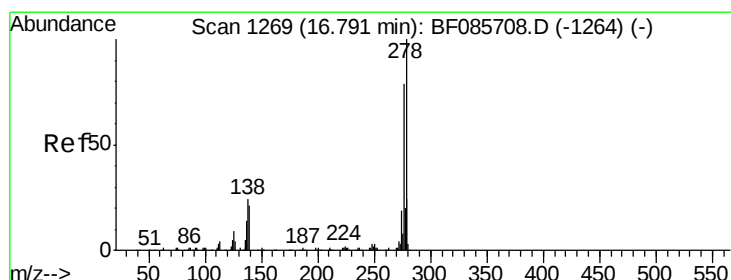
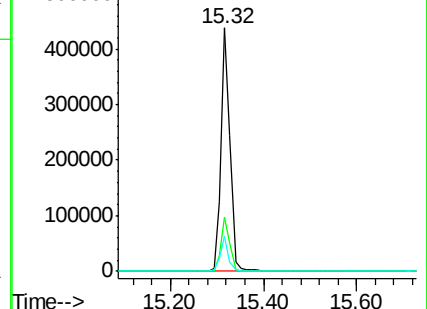
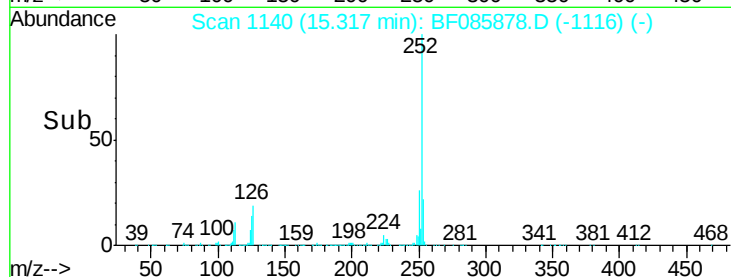
125 14.2 10.3 15.5



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: 37.86 ng

RT: 16.77 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

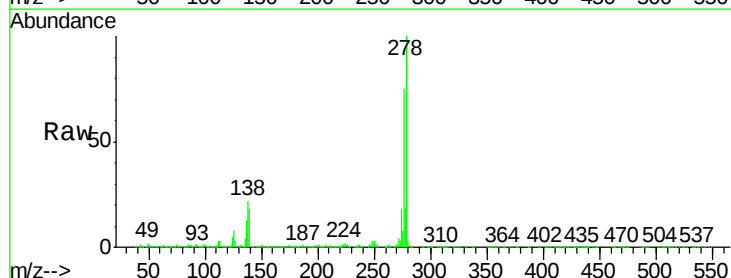
Tgt Ion:278 Resp: 519696

Ion Ratio Lower Upper

278 100

139 18.3 14.4 21.6

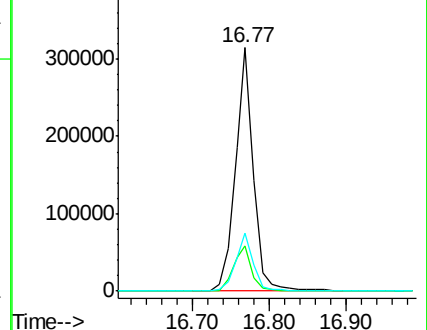
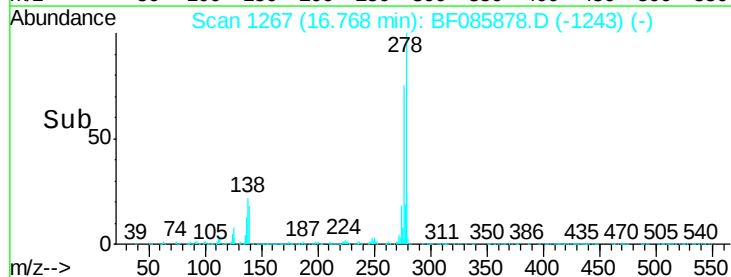
279 23.9 19.1 28.7

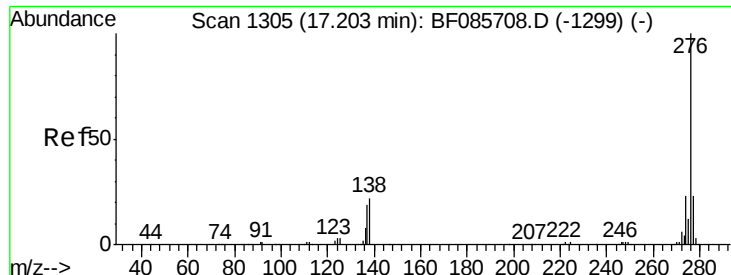


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.60 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.03 min

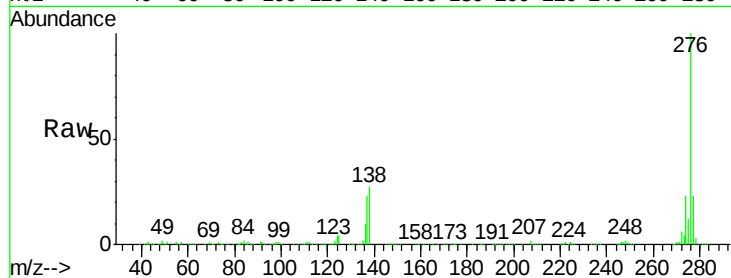
Lab File: BF085878.D

Acq: 30 Mar 2016 10:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 276 Resp: 522559

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 26.8 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

