

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085857.D
 Acq On : 29 Mar 2016 19:08
 Operator : UM/SJ
 Sample : H1970-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Quant Time: Mar 29 23:50:50 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	111767	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	468561	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	215179	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	400211	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	302642	20.00	ng	-0.01
86) Perylene-d12	15.39	264	211711	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	862993	128.59	ng	0.00
7) Phenol-d6	6.45	99	1241369	145.48	ng	-0.01
23) Nitrobenzene-d5	7.37	82	770437	92.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	288394	141.06	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1169997	90.84	ng	-0.02
78) Terphenyl-d14	12.92	244	1058327	71.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	130452	40.71	ng	99
3) Pyridine	3.12	79	373134	48.57	ng	99
4) n-Nitrosodimethylamine	3.08	42	154943	50.38	ng	98
6) Aniline	6.47	93	419918	36.56	ng	# 64
8) 2-Chlorophenol	6.60	128	392418	50.33	ng	98
9) Benzaldehyde	6.36	77	43399	8.44	ng	98
10) Phenol	6.47	94	421011	43.55	ng	# 71
11) bis(2-Chloroethyl)ether	6.55	93	370232	49.77	ng	97
12) 1,3-Dichlorobenzene	6.74	146	374923	44.65	ng	# 93
13) 1,4-Dichlorobenzene	6.82	146	399140	46.87	ng	96
14) 1,2-Dichlorobenzene	6.97	146	343345	43.26	ng	94
15) Benzyl Alcohol	6.96	79	299317	52.58	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	431894	43.76	ng	95
17) 2-Methylphenol	7.08	107	330395	52.93	ng	99
18) Hexachloroethane	7.32	117	139564	44.76	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	241440	47.26	ng	93
20) 3+4-Methylphenols	7.22	107	350920	46.76	ng	98
22) Acetophenone	7.22	105	474146	43.44	ng	# 98
24) Nitrobenzene	7.40	77	412900	48.14	ng	96
25) Isophorone	7.64	82	727070	45.36	ng	98
26) 2-Nitrophenol	7.72	139	220470	51.38	ng	95
27) 2,4-Dimethylphenol	7.75	122	338426	45.12	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	458561	50.21	ng	99
29) 2,4-Dichlorophenol	7.96	162	307707	48.80	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	318318	45.47	ng	98
31) Naphthalene	8.12	128	1069229	45.29	ng	100
32) Benzoic acid	7.75	122	338426	67.94	ng	# 15
33) 4-Chloroaniline	8.17	127	276259	28.66	ng	97
34) Hexachlorobutadiene	8.23	225	156117	41.03	ng	99
35) Caprolactam	8.55	113	60383	27.04	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	362278	49.19	ng	92
37) 2-Methylnaphthalene	8.80	142	704169	53.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270732	42.43	ng	98
40) Hexachlorocyclopentadiene	8.96	237	220205	82.48	ng	99

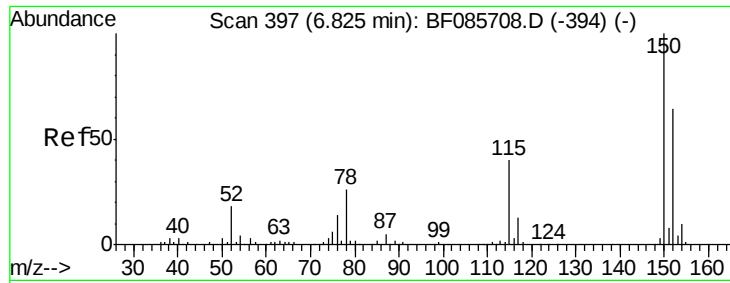
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085857.D
 Acq On : 29 Mar 2016 19:08
 Operator : UM/SJ
 Sample : H1970-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Quant Time: Mar 29 23:50:50 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)
42) 2,4,6-Trichlorophenol	9.09	196	199276	46.24	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	217679	48.16	ng	97
45) 1,1'-Biphenyl	9.27	154	748764	41.24	ng	98
46) 2-Chloronaphthalene	9.29	162	596716	44.69	ng	# 90
47) 2-Nitroaniline	9.40	65	197018	48.26	ng	93
48) Acenaphthylene	9.72	152	1029752	47.33	ng	99
49) Dimethylphthalate	9.58	163	887973	54.39	ng	100
50) 2,6-Dinitrotoluene	9.65	165	176958	50.36	ng	# 60
51) Acenaphthene	9.89	154	609506	45.87	ng	100
52) 3-Nitroaniline	9.81	138	144327	35.88	ng	94
53) 2,4-Dinitrophenol	9.92	184	76693	45.98	ng	# 81
54) Dibenzofuran	10.06	168	894605	52.01	ng	97
55) 4-Nitrophenol	9.99	139	262041	100.00	ng	# 74
56) 2,4-Dinitrotoluene	10.05	165	209148	46.83	ng	# 62
57) Fluorene	10.40	166	682087	47.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154225	49.10	ng	98
59) Diethylphthalate	10.28	149	736586	45.67	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	329023	47.07	ng	89
61) 4-Nitroaniline	10.42	138	179614	46.69	ng	89
62) Azobenzene	10.55	77	809607	52.23	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	108839	46.44	ng	# 76
65) n-Nitrosodiphenylamine	10.52	169	630315	49.73	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	200122	48.88	ng	# 87
67) Hexachlorobenzene	10.95	284	217844	50.87	ng	# 91
68) Atrazine	11.04	200	199018	46.50	ng	99
69) Pentachlorophenol	11.14	266	211805	100.76	ng	100
70) Phenanthrene	11.36	178	1057147	51.44	ng	99
71) Anthracene	11.41	178	948102	43.95	ng	100
72) Carbazole	11.57	167	960822	53.05	ng	100
73) Di-n-butylphthalate	11.90	149	1179716	47.47	ng	99
74) Fluoranthene	12.54	202	923300	42.27	ng	97
76) Benzidine	12.67	184	391626	36.74	ng	98
77) Pyrene	12.77	202	943514	37.93	ng	99
79) Butylbenzylphthalate	13.39	149	420435	40.36	ng	# 73
80) Benzo(a)anthracene	13.96	228	759046	43.99	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	160543	13.40	ng	# 97
82) Chrysene	13.99	228	652934	37.56	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	514729	41.26	ng	# 98
84) Di-n-octyl phthalate	14.55	149	844807	45.55	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	616435	45.93	ng	99
87) Benzo(b)fluoranthene	15.01	252	1210476	90.76	ng	98
88) Benzo(k)fluoranthene	15.01	252	1210476	100.68	ng	98
89) Benzo(a)pyrene	15.33	252	566628	47.85	ng	# 97
90) Dibenzo(a,h)anthracene	16.78	278	520178	47.28	ng	96
91) Benzo(g,h,i)perylene	17.18	276	518644	46.55	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

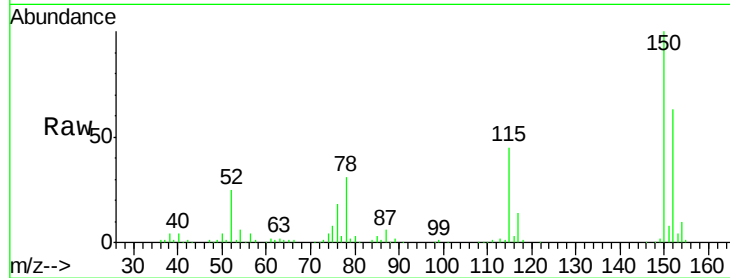
Tgt Ion:152 Resp: 111767

Ion Ratio Lower Upper

152 100

150 157.9 124.2 186.2

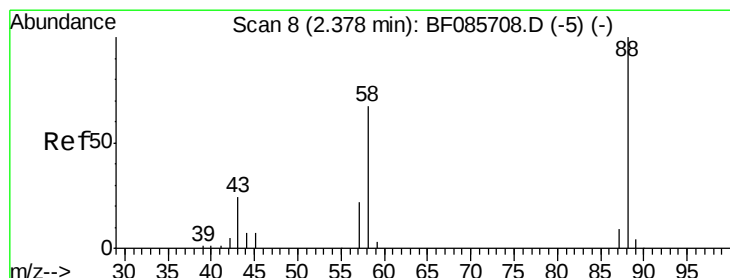
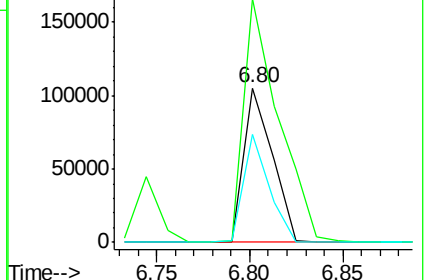
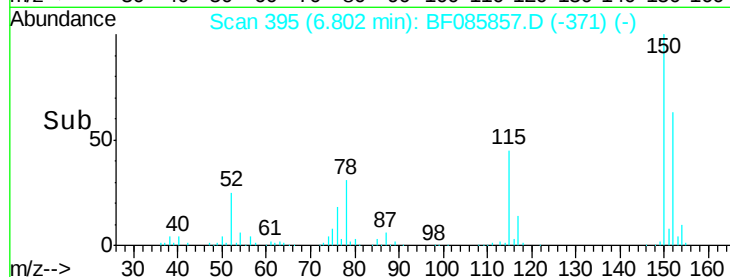
115 70.4 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.71 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

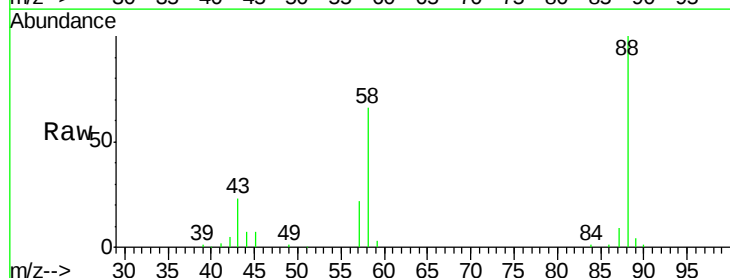
Tgt Ion: 88 Resp: 130452

Ion Ratio Lower Upper

88 100

58 68.5 54.2 81.2

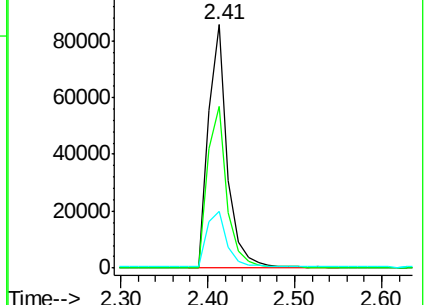
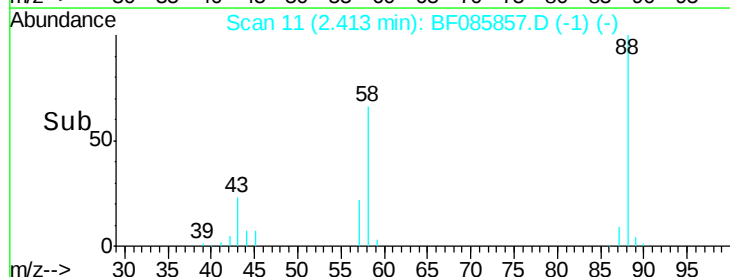
43 24.8 19.3 28.9

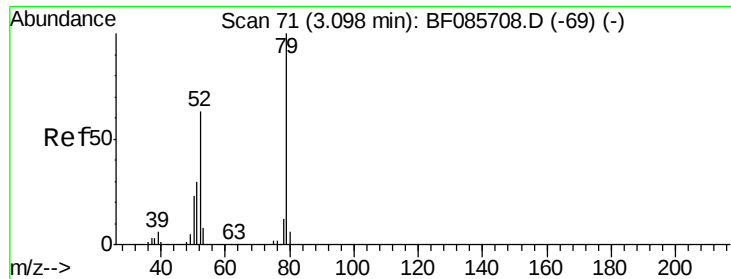


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

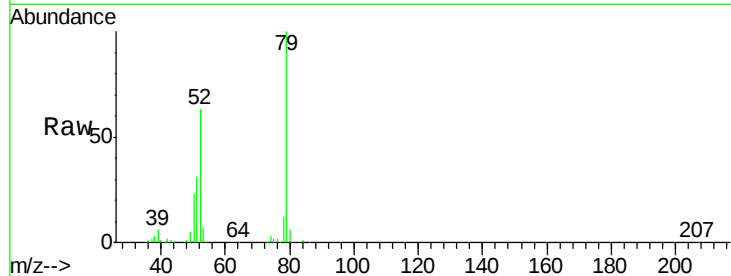




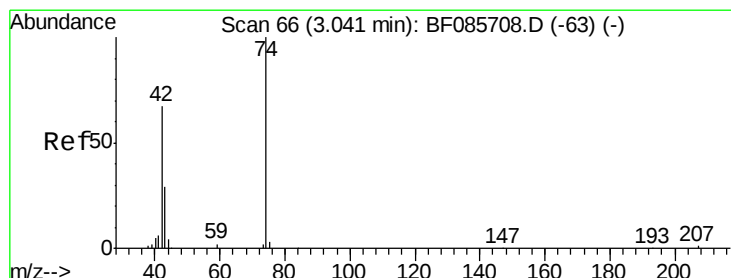
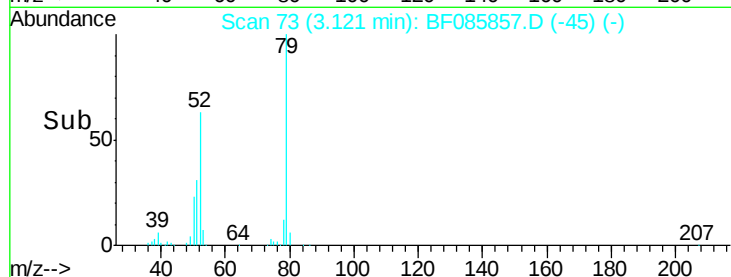
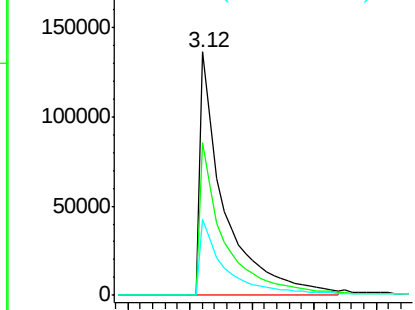
#3
 Pyridine
 Concen: 48.57 ng
 RT: 3.12 min Scan# 73
 Delta R.T. 0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion: 79 Resp: 373134
 Ion Ratio Lower Upper
 79 100
 52 62.9 49.8 74.6
 51 31.0 24.7 37.1

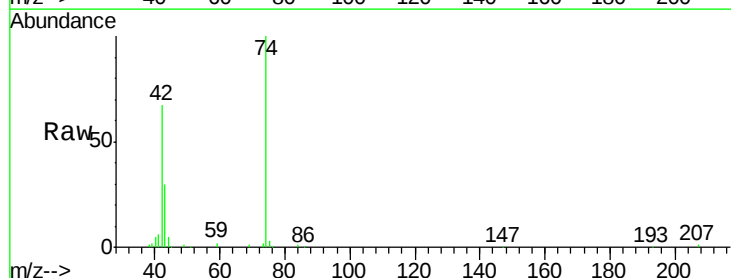


Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0

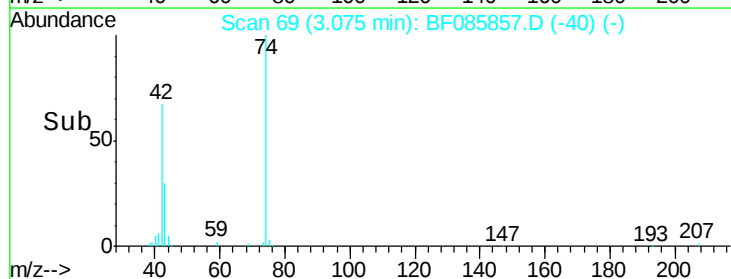
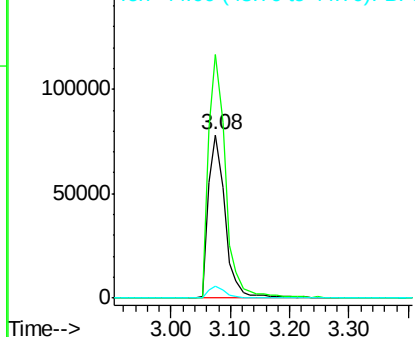


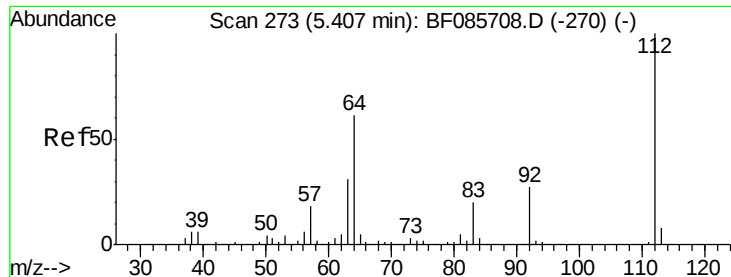
#4
 n-Nitrosodimethylamine
 Concen: 50.38 ng
 RT: 3.08 min Scan# 69
 Delta R.T. 0.03 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion: 42 Resp: 154943
 Ion Ratio Lower Upper
 42 100
 74 148.8 121.4 182.2
 44 7.0 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: 128.59 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

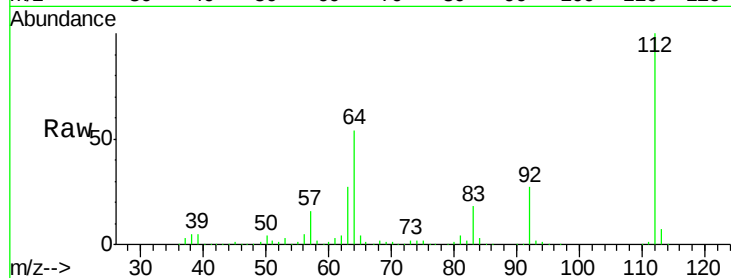
Tgt Ion: 112 Resp: 862993

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

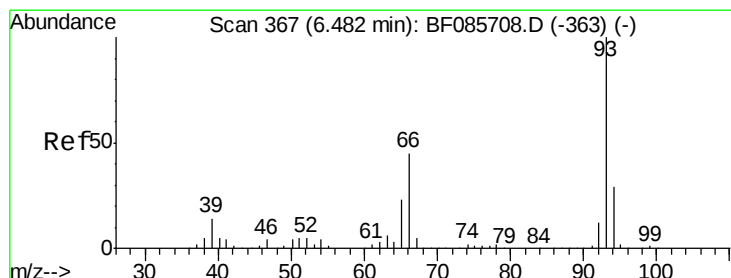
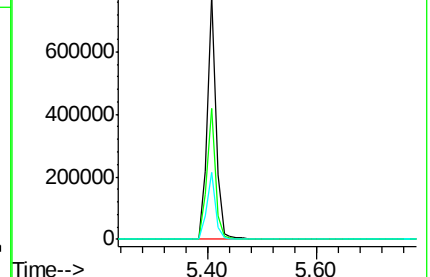
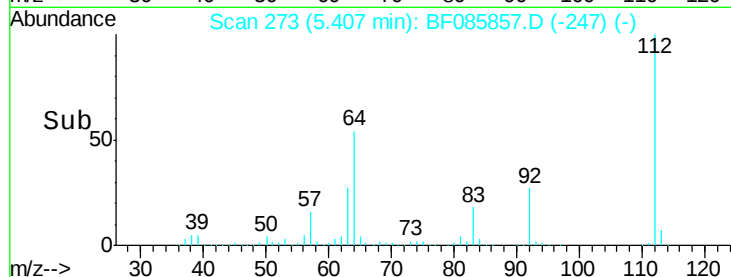
63 27.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): BF085708.D (-270) (-)

Ion 64.00 (63.70 to 64.70): BF085708.D (-270) (-)

Ion 63.00 (62.70 to 63.70): BF085708.D (-270) (-)



#6

Aniline

Concen: 36.56 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

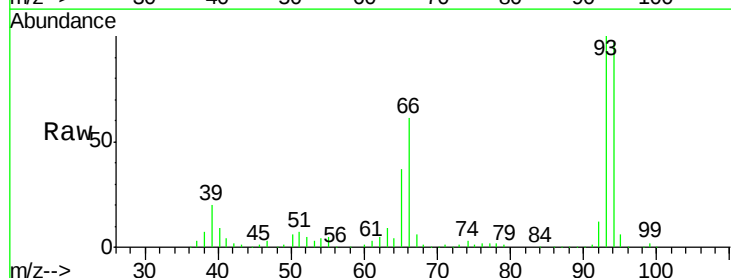
Tgt Ion: 93 Resp: 419918

Ion Ratio Lower Upper

93 100

66 61.0 31.4 47.2#

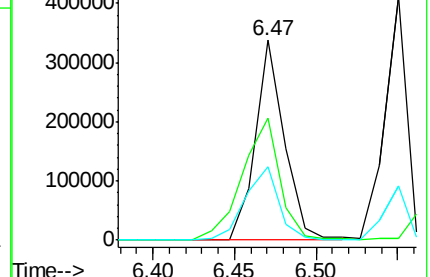
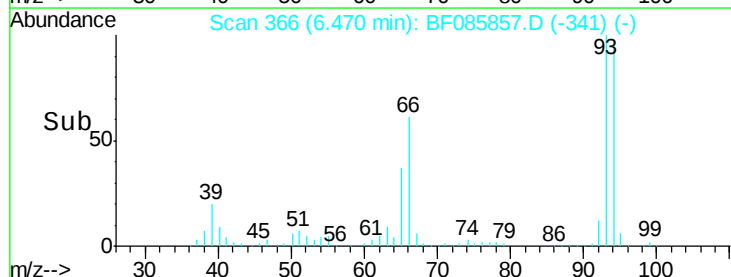
65 36.9 15.7 23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF085708.D (-363) (-)

Ion 66.00 (65.70 to 66.70): BF085708.D (-363) (-)

Ion 65.00 (64.70 to 65.70): BF085708.D (-363) (-)





#7

Phenol-d6

Concen: 145.48 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

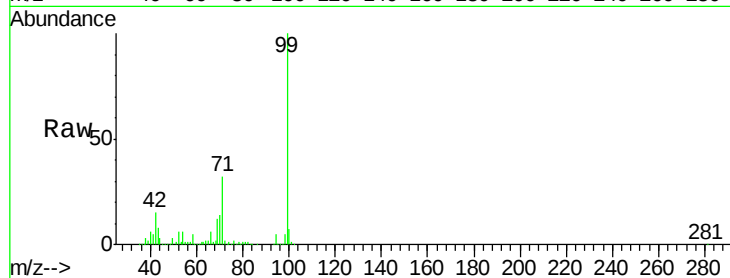
Tgt Ion: 99 Resp: 1241369

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

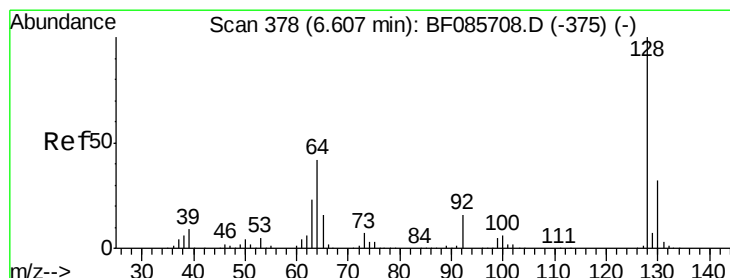
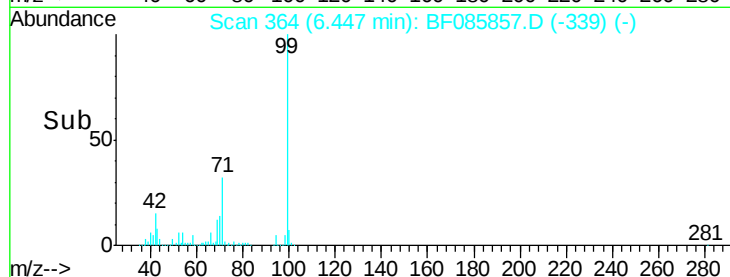
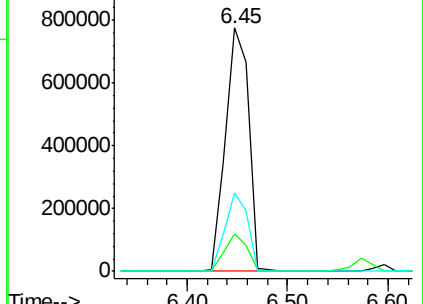
71 32.5 24.9 37.3



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: 50.33 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

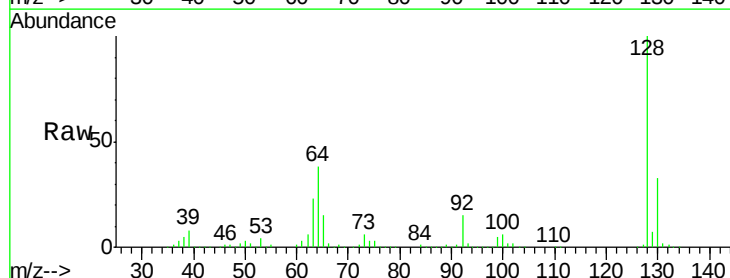
Tgt Ion: 128 Resp: 392418

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

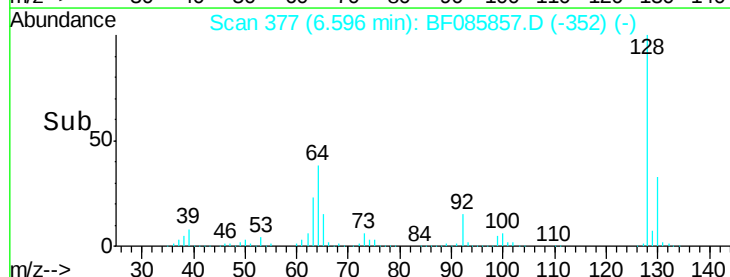
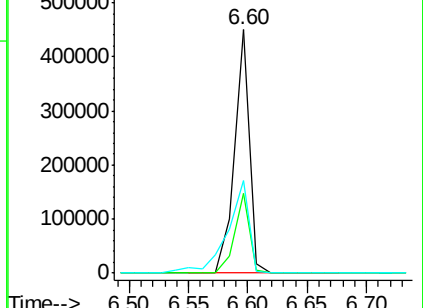
64 37.9 20.2 60.2

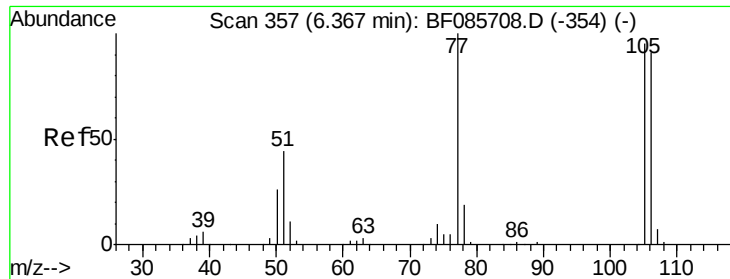


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.44 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampled :

TP-7MS

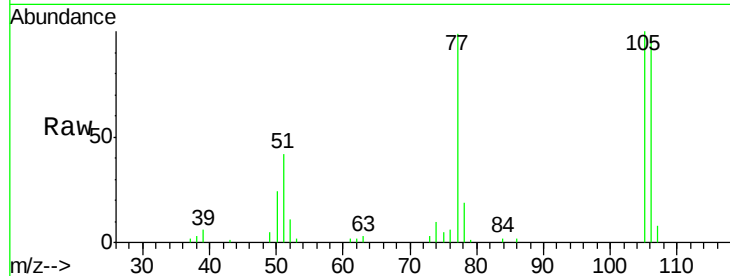
Tgt Ion: 77 Resp: 43399

Ion Ratio Lower Upper

77 100

105 100.9 80.1 120.1

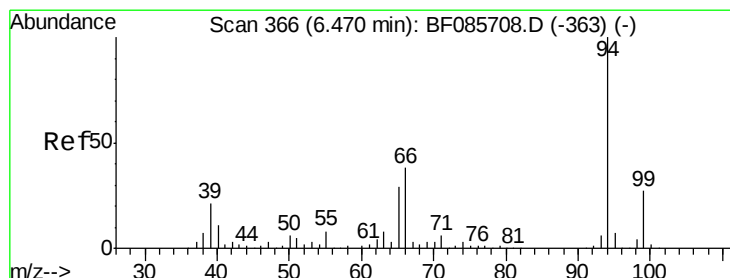
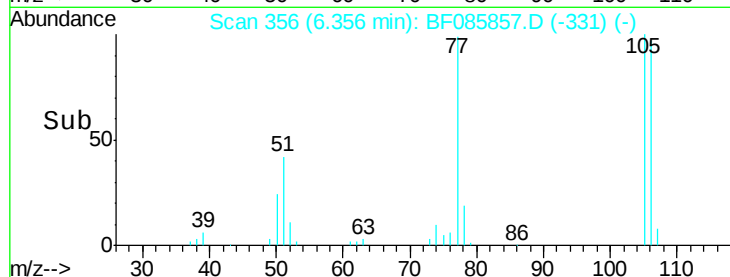
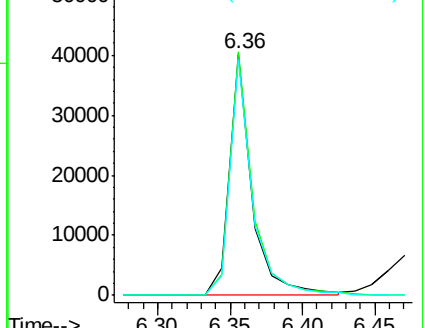
106 97.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.55 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

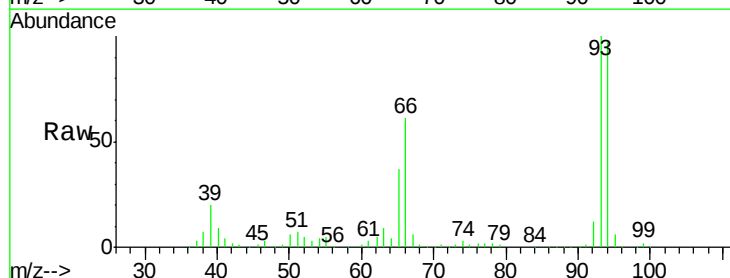
Tgt Ion: 94 Resp: 421011

Ion Ratio Lower Upper

94 100

65 38.1 8.6 48.6

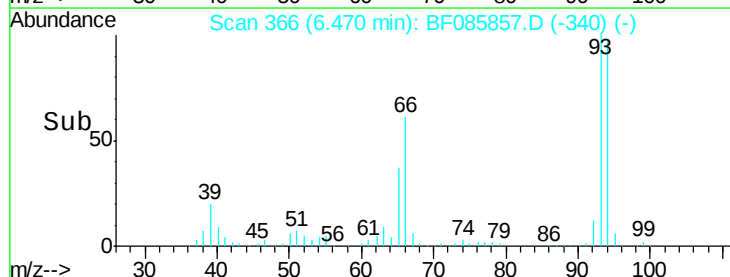
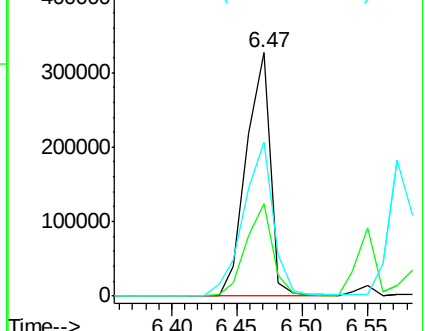
66 63.1 20.0 60.0#

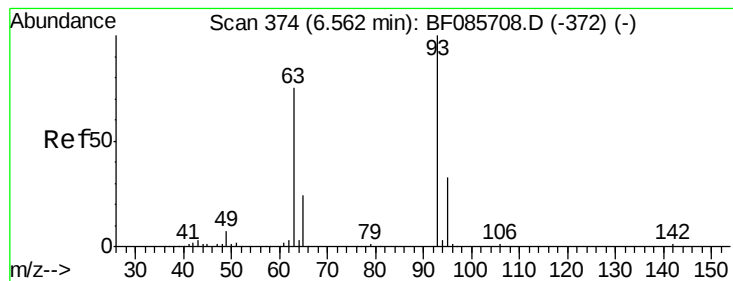


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 49.77 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

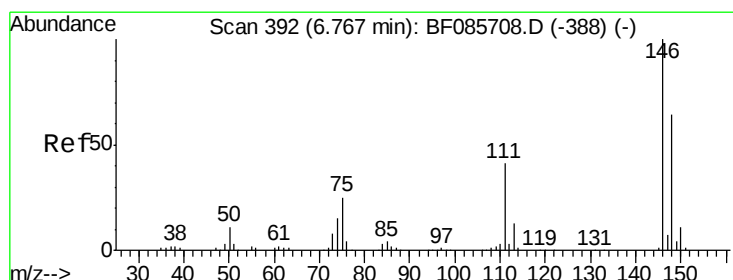
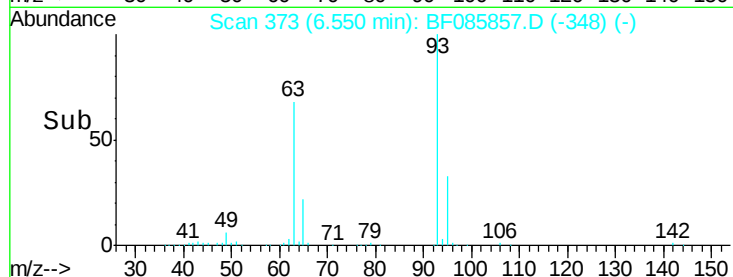
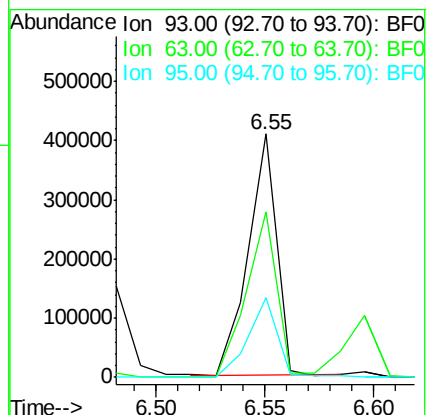
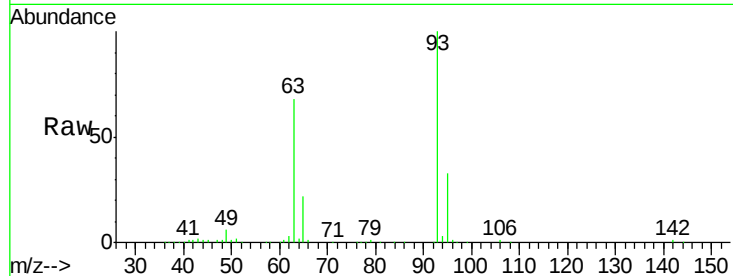
Tgt Ion: 93 Resp: 370232

Ion Ratio Lower Upper

93 100

63 68.1 50.9 90.9

95 32.7 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 44.65 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

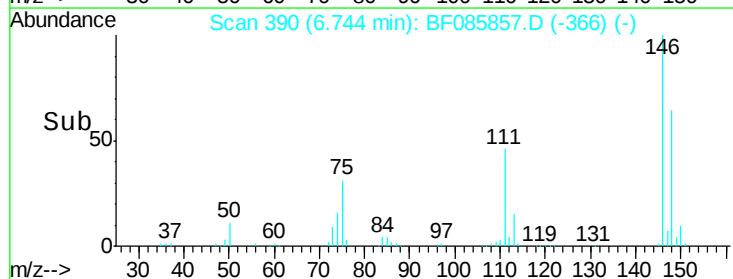
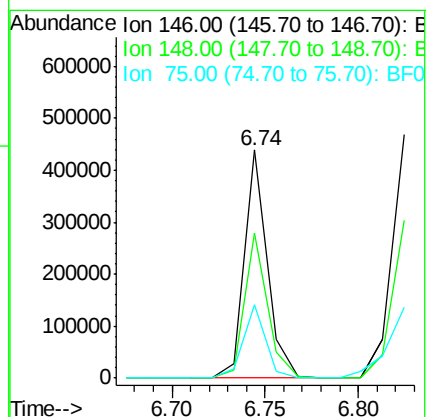
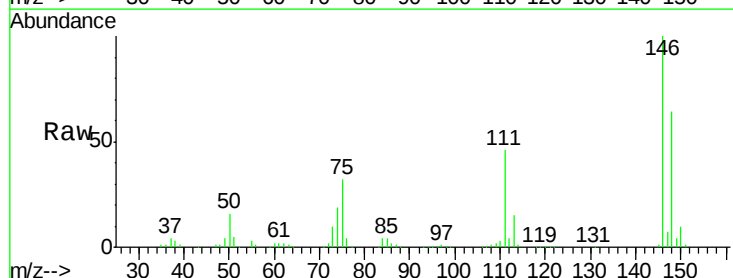
Tgt Ion: 146 Resp: 374923

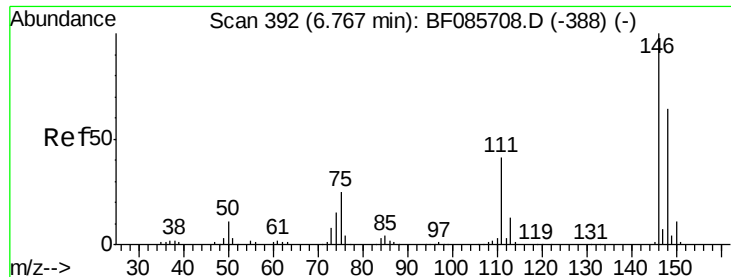
Ion Ratio Lower Upper

146 100

148 63.6 52.3 78.5

75 32.2 17.4 26.2#

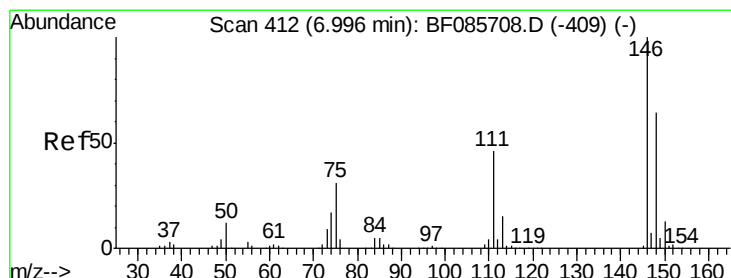
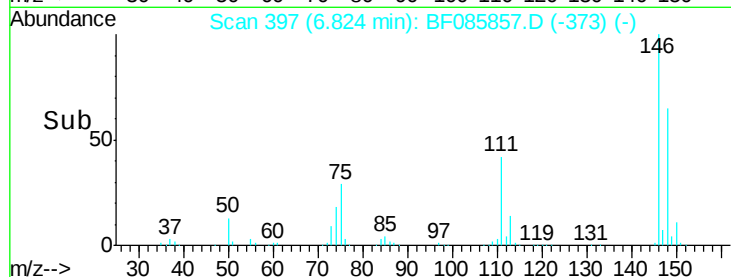
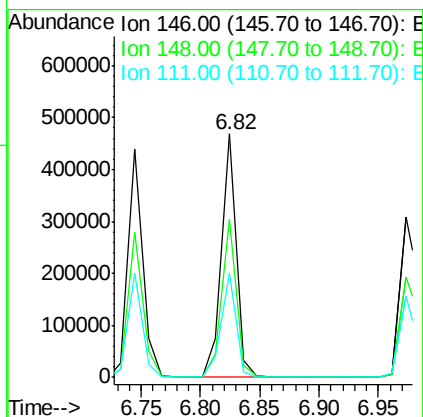
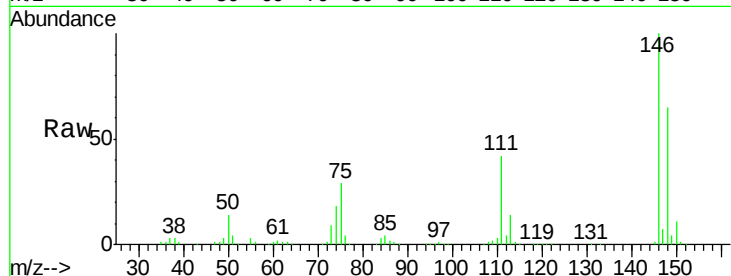




#13
 1,4-Dichlorobenzene
 Concen: 46.87 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

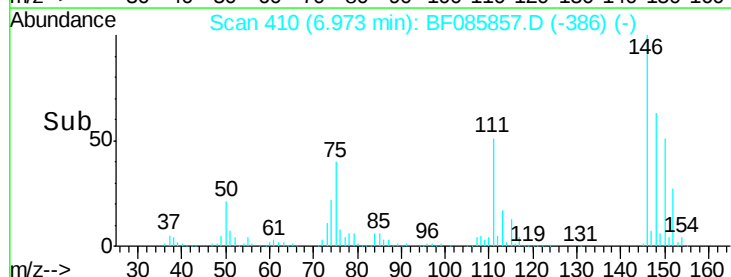
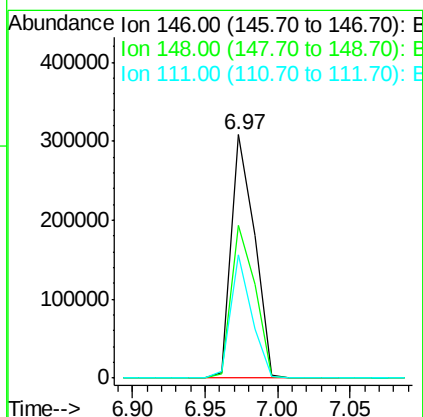
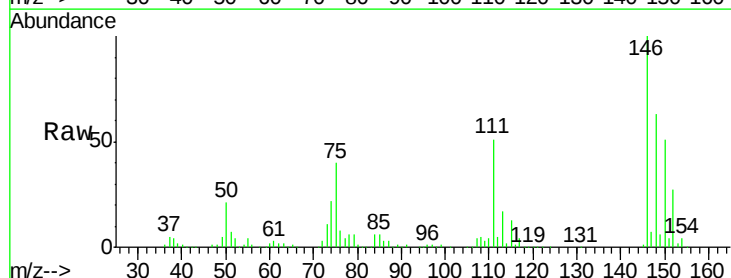
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

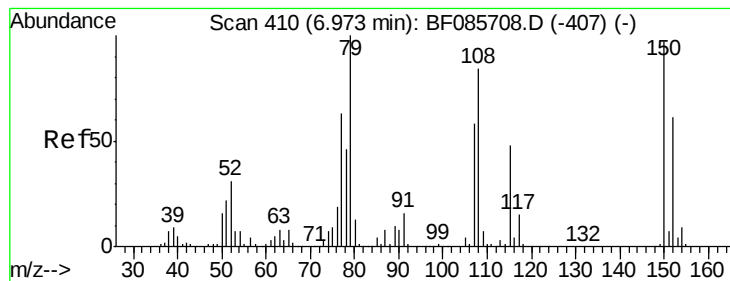
Tgt Ion:146 Resp: 399140
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 42.5 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 43.26 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:146 Resp: 343345
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 111 50.7 34.6 52.0





#15

Benzyl Alcohol

Concen: 52.58 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

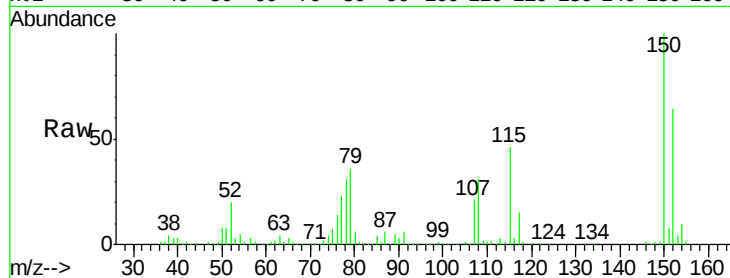
Tgt Ion: 79 Resp: 299317

Ion Ratio Lower Upper

79 100

108 84.6 61.8 92.6

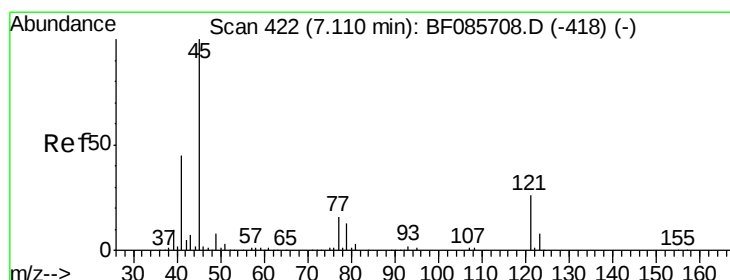
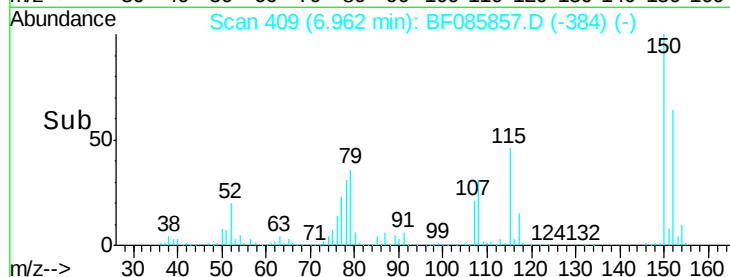
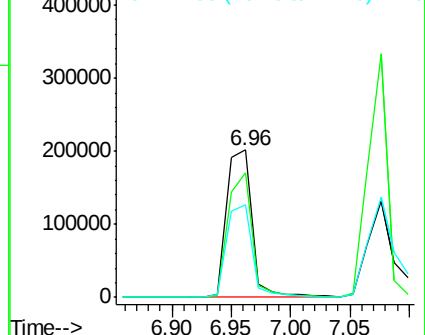
77 62.4 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.76 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

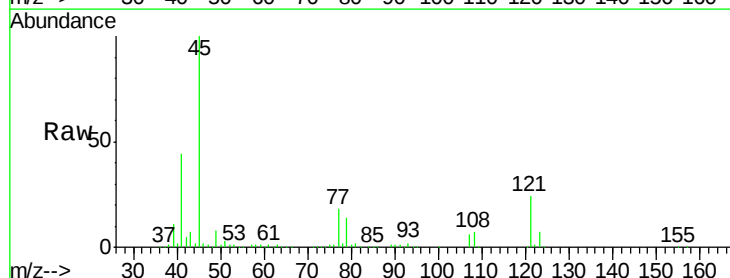
Tgt Ion: 45 Resp: 431894

Ion Ratio Lower Upper

45 100

77 17.9 0.0 35.7

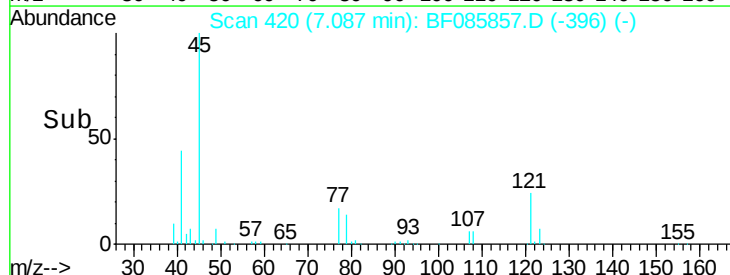
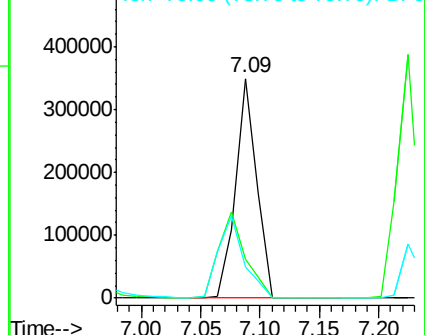
79 14.0 0.0 32.2

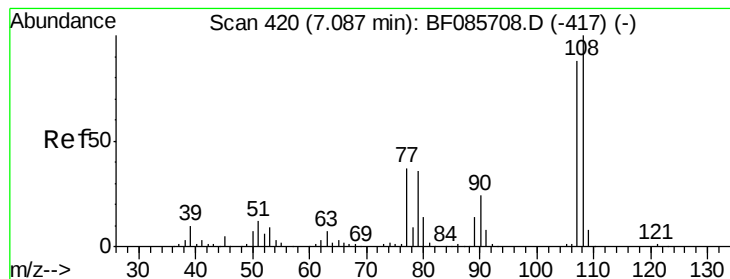


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 52.93 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:107 Resp: 330395

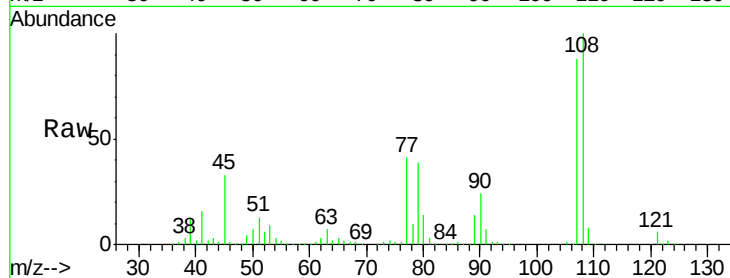
Ion Ratio Lower Upper

107 100

108 114.1 91.4 137.0

77 46.8 36.2 54.2

79 45.0 35.8 53.8

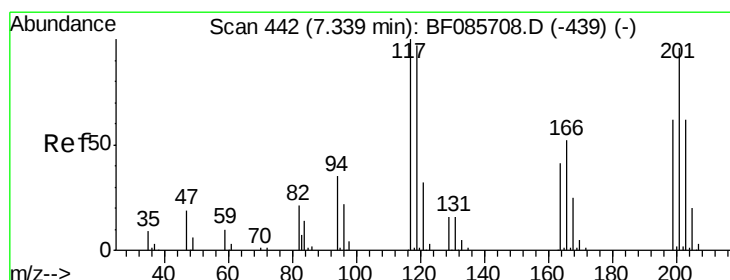
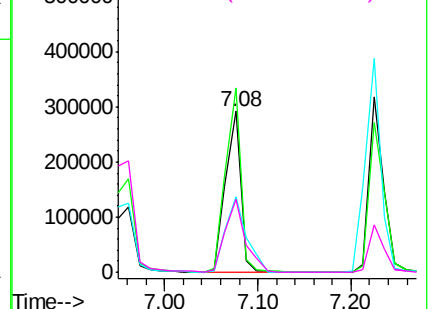
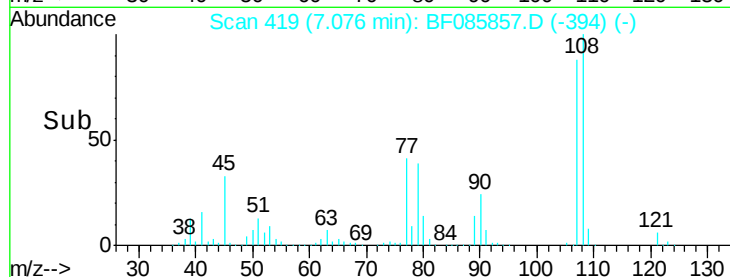


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.76 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

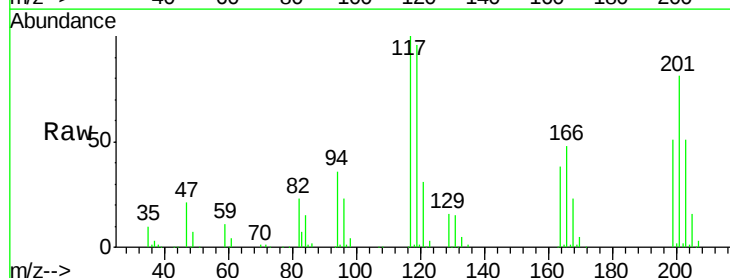
Tgt Ion:117 Resp: 139564

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

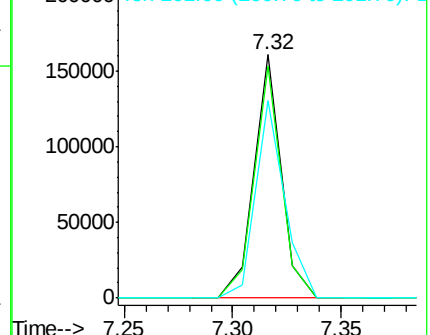
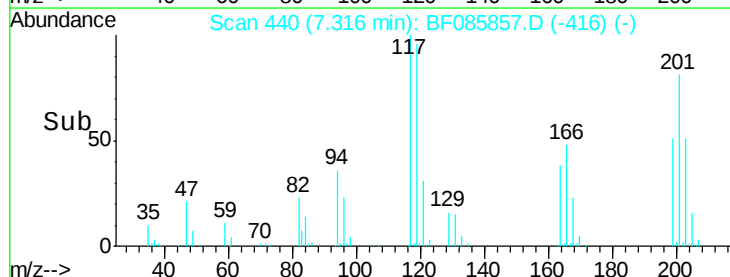
201 81.0 83.3 124.9#

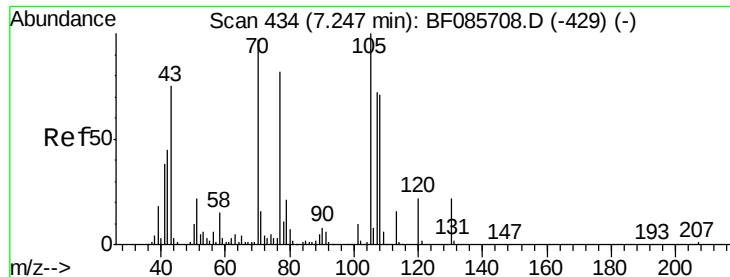


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

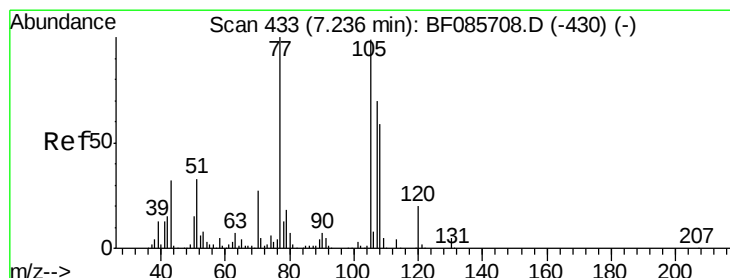
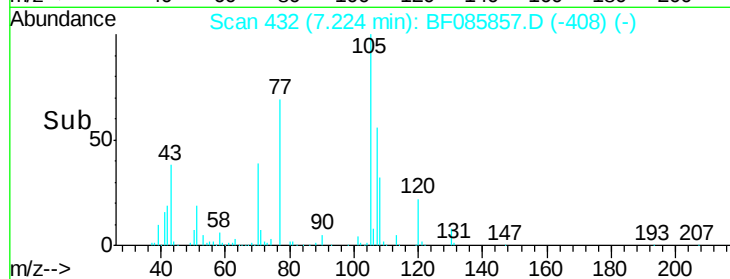
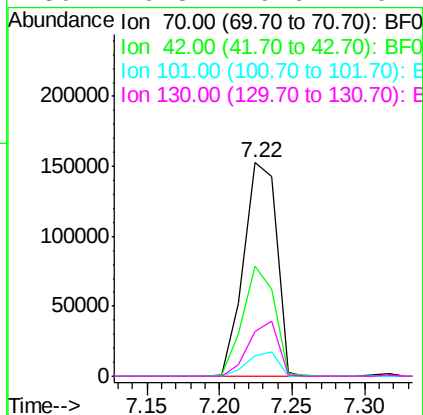
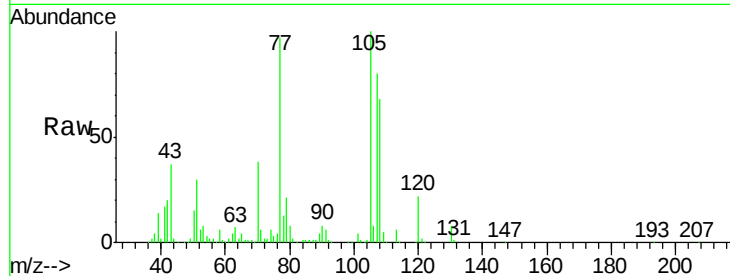




#19
n-Nitroso-di-n-propylamine
Concen: 47.26 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

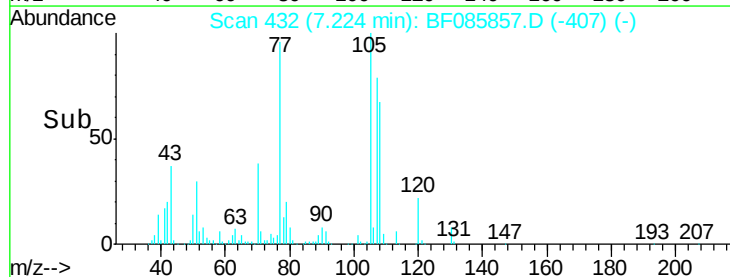
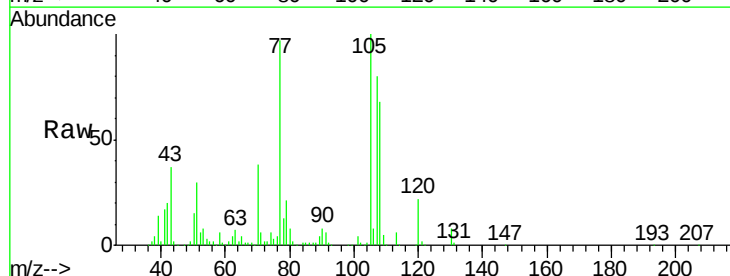
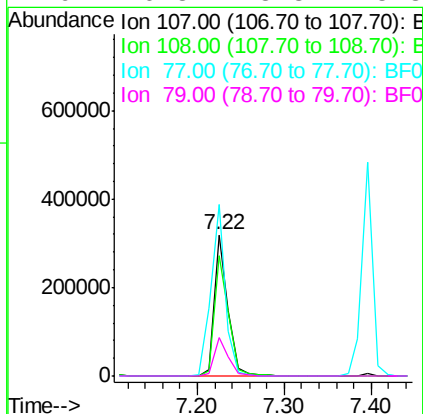
Instrument :
BNA_F
ClientSampleId :
TP-7MS

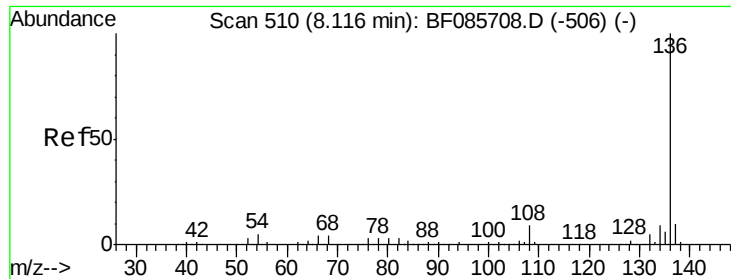
Tgt Ion: 70 Resp: 241440
Ion Ratio Lower Upper
70 100
42 51.5 37.1 55.7
101 9.6 8.6 12.8
130 20.8 19.6 29.4



#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion: 107 Resp: 350920
Ion Ratio Lower Upper
107 100
108 84.9 69.3 109.3
77 121.5 101.7 141.7
79 26.8 8.3 48.3

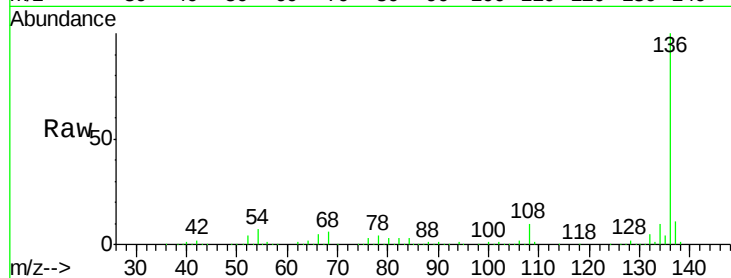




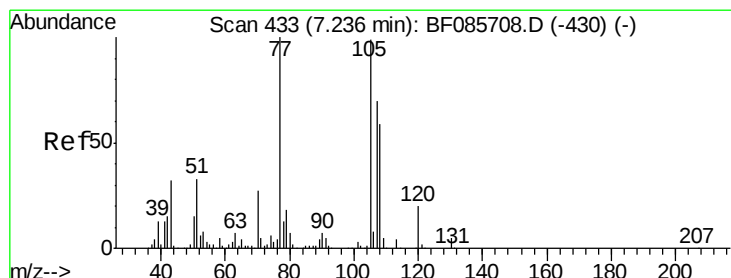
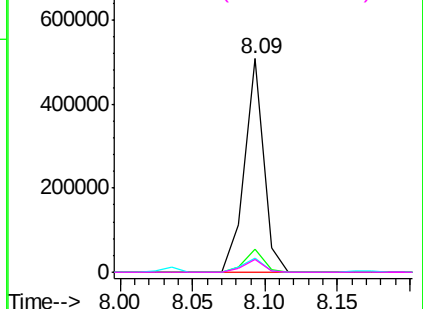
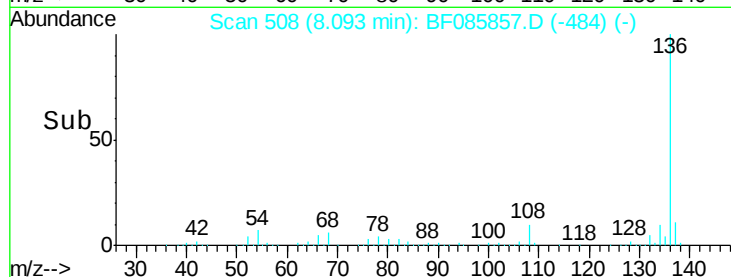
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:	136	Resp:	468561
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.8	7.4	11.0#
68	5.8	5.8	8.8

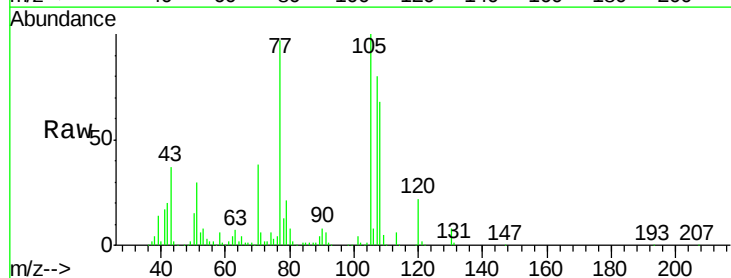


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

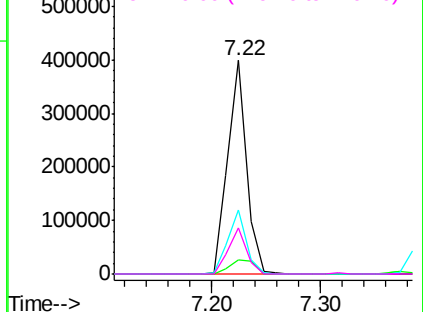
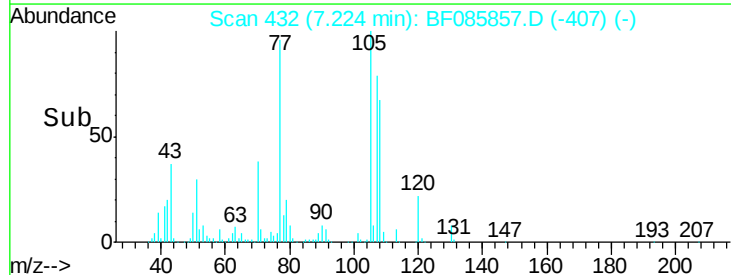


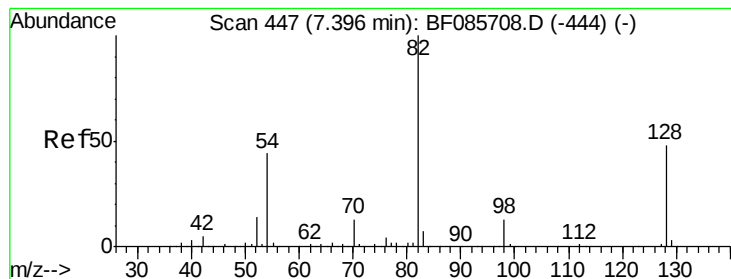
#22
Acetophenone
Concen: 43.44 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion:	105	Resp:	474146
Ion Ratio	Lower	Upper	
105	100		
71	6.5	3.6	5.4#
51	30.2	25.4	38.0
120	21.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.59 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

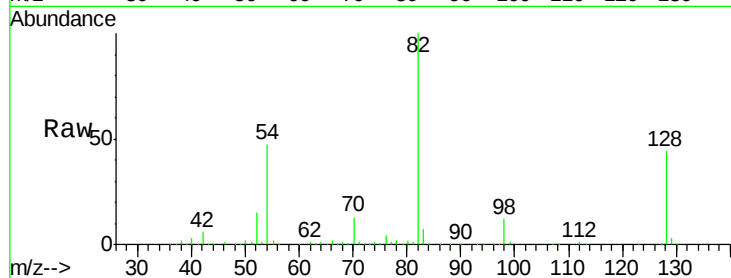
Tgt Ion: 82 Resp: 770437

Ion Ratio Lower Upper

82 100

128 44.0 41.8 62.8

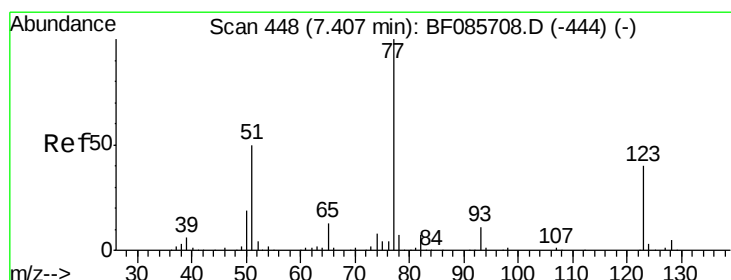
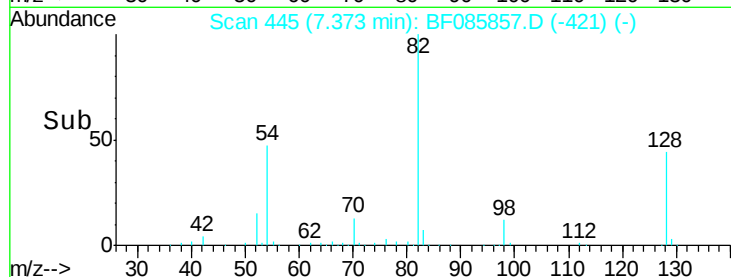
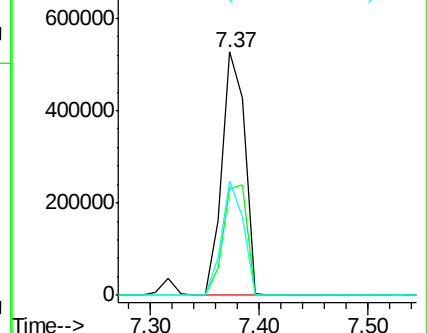
54 46.7 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.14 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

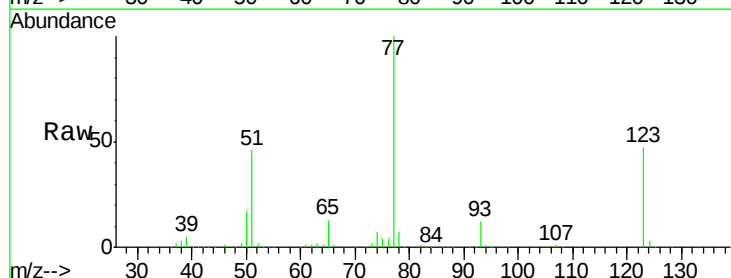
Tgt Ion: 77 Resp: 412900

Ion Ratio Lower Upper

77 100

123 46.8 35.0 52.4

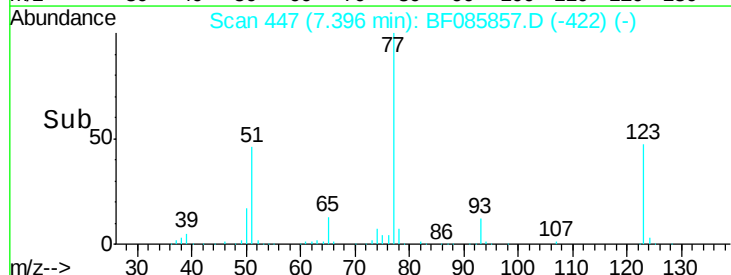
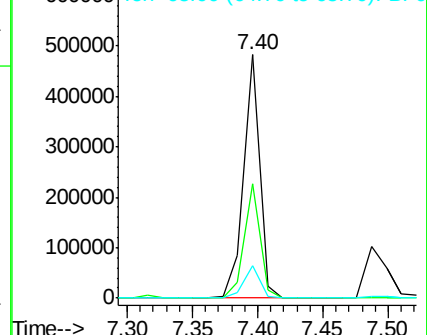
65 13.1 10.6 16.0

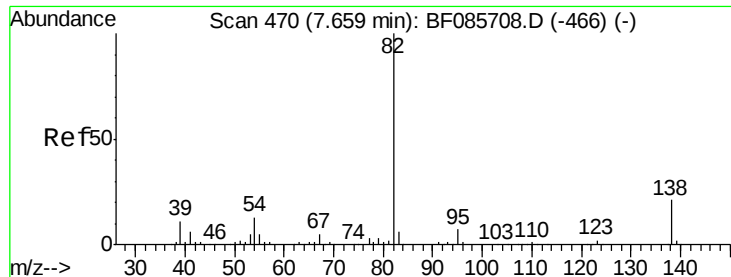


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.36 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

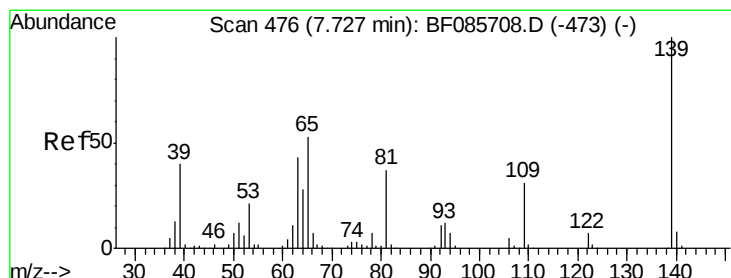
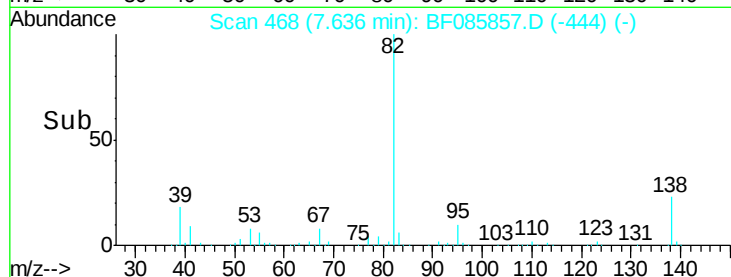
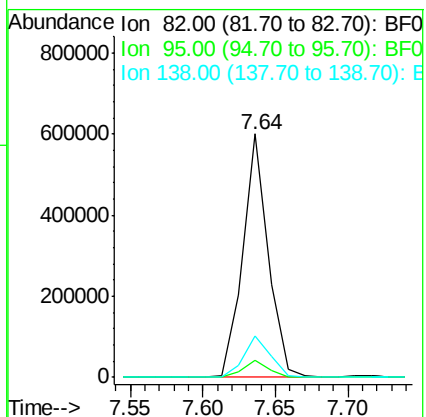
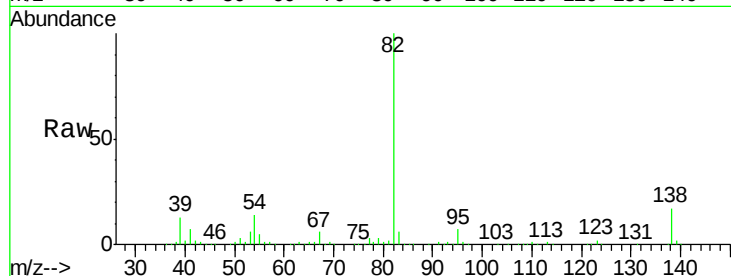
Tgt Ion: 82 Resp: 727070

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.1 12.9 19.3



#26

2-Nitrophenol

Concen: 51.38 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

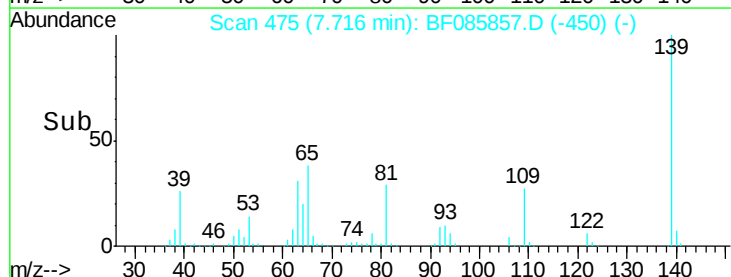
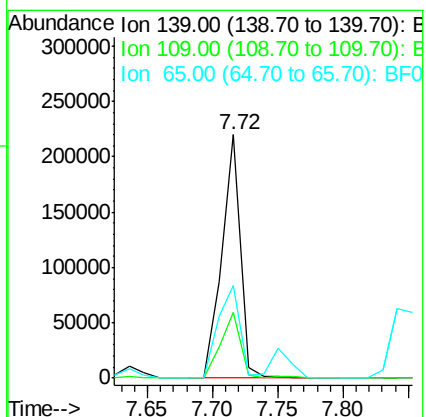
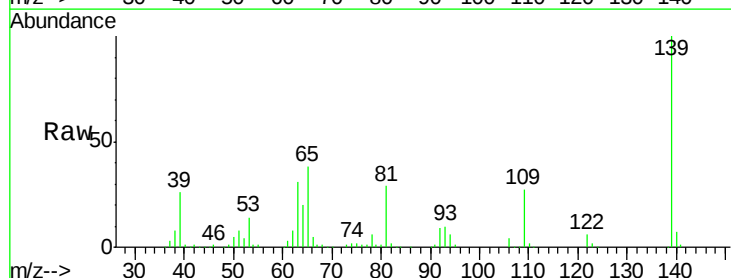
Tgt Ion: 139 Resp: 220470

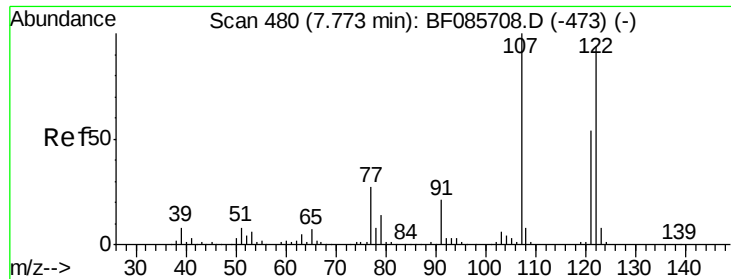
Ion Ratio Lower Upper

139 100

109 26.8 22.1 33.1

65 38.0 33.9 50.9

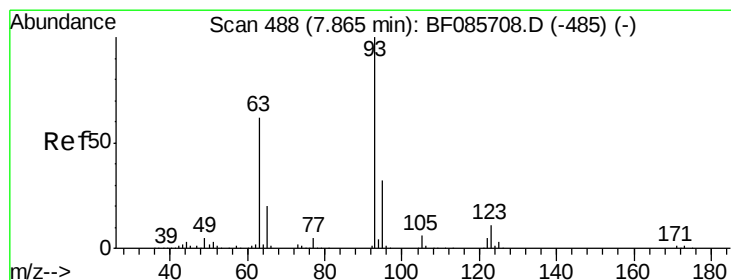
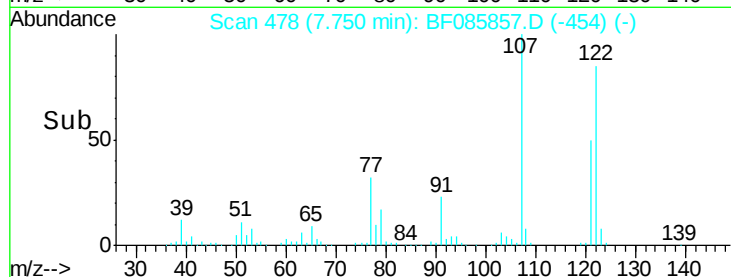
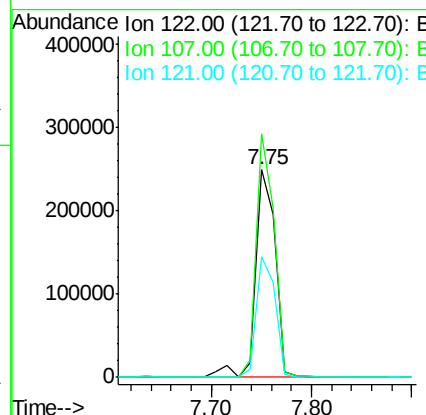
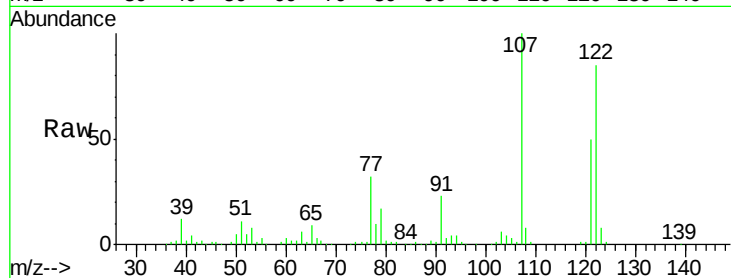




#27
2,4-Dimethylphenol
Concen: 45.12 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

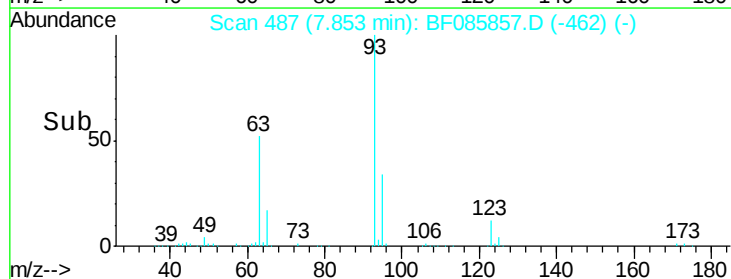
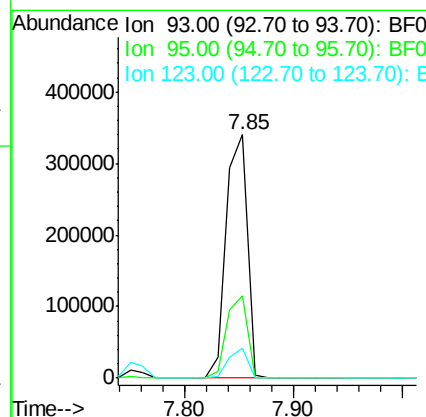
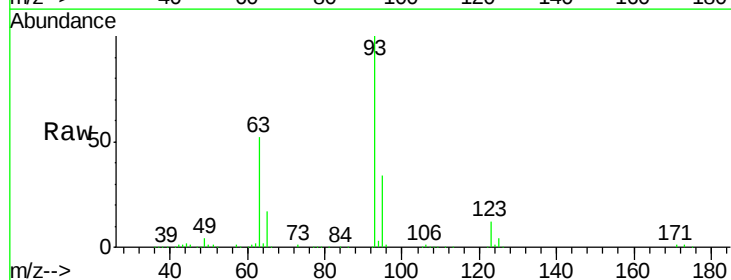
Instrument :
BNA_F
ClientSampleId :
TP-7MS

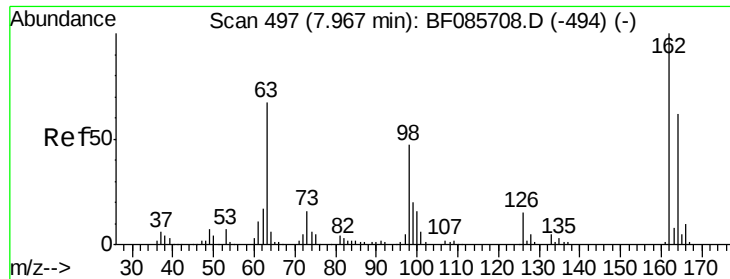
Tgt Ion:122 Resp: 338426
Ion Ratio Lower Upper
122 100
107 117.3 93.0 139.6
121 58.3 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 50.21 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion: 93 Resp: 458561
Ion Ratio Lower Upper
93 100
95 33.6 26.4 39.6
123 12.4 9.8 14.6

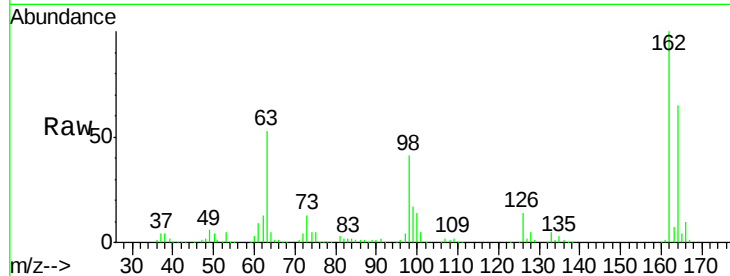




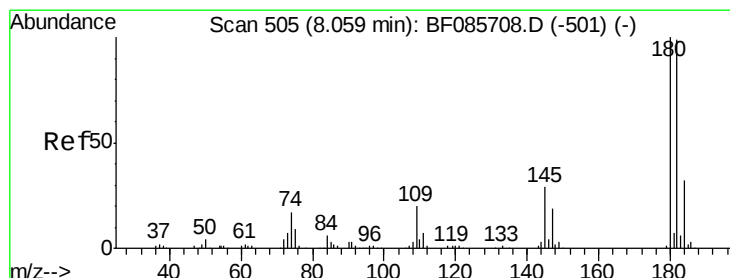
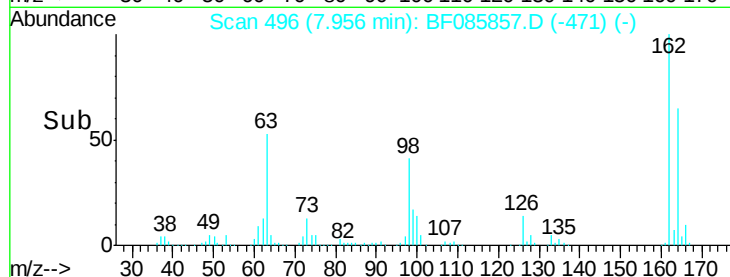
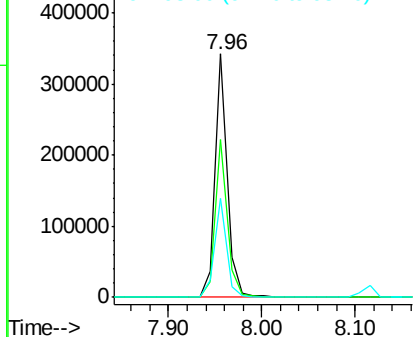
#29
 2,4-Dichlorophenol
 Concen: 48.80 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.7	83.7
98	40.5	20.4	60.4

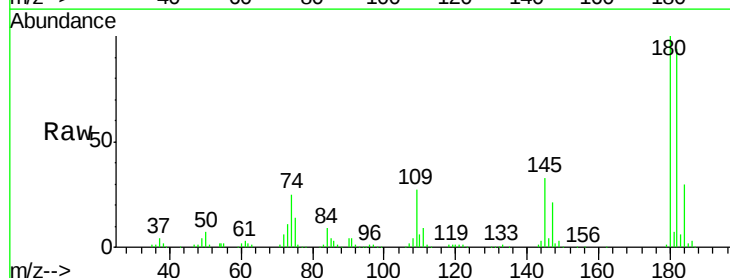


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

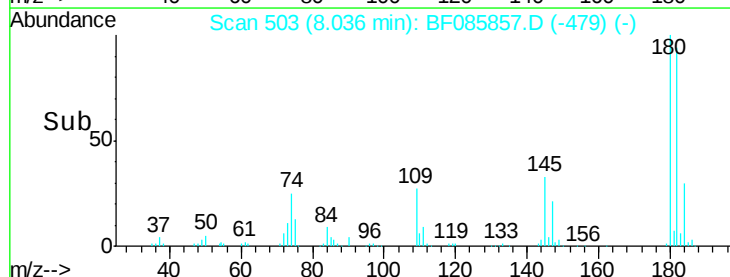
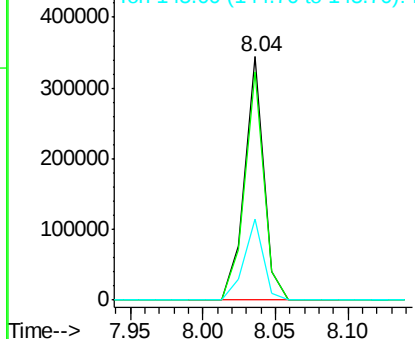


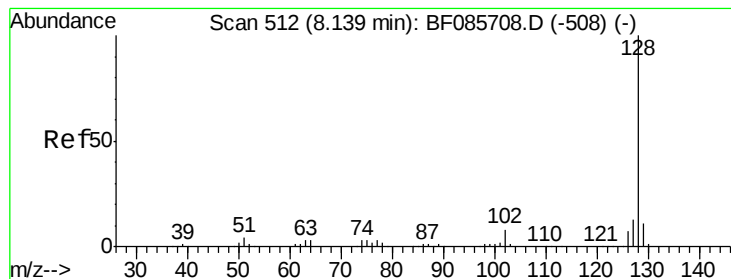
#30
 1,2,4-Trichlorobenzene
 Concen: 45.47 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.8	110.8
145	33.2	28.4	42.6



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





#31

Naphthalene

Concen: 45.29 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

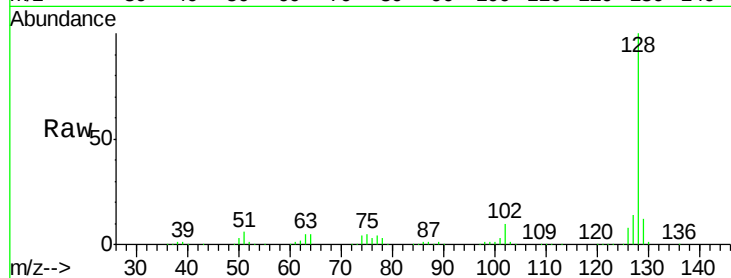
Tgt Ion:128 Resp: 1069229

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

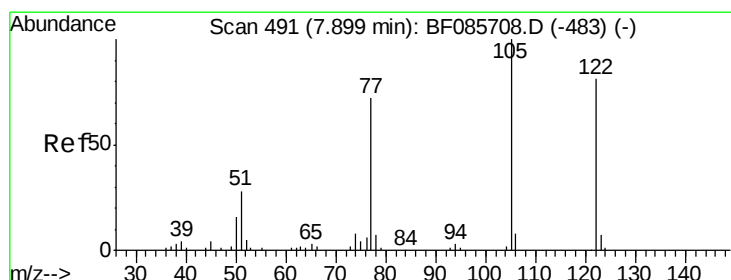
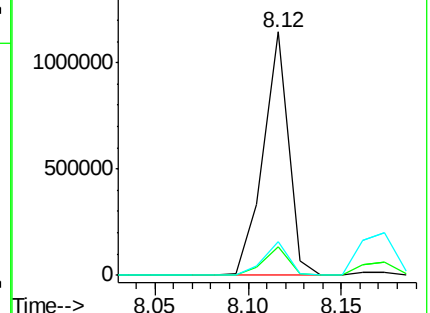
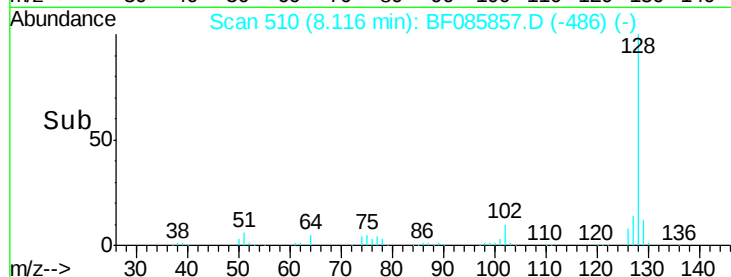
127 13.9 11.0 16.6



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: 67.94 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.15 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

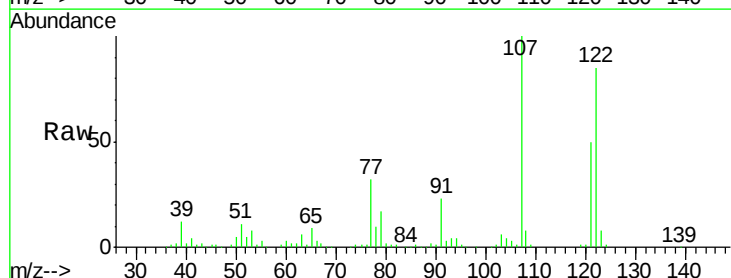
Tgt Ion:122 Resp: 338426

Ion Ratio Lower Upper

122 100

105 4.0 102.9 142.9#

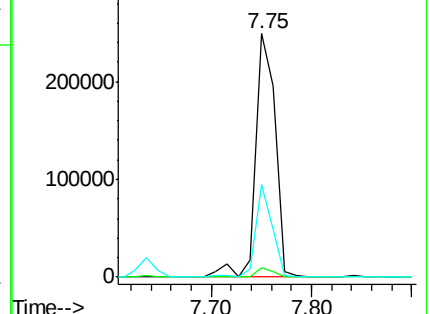
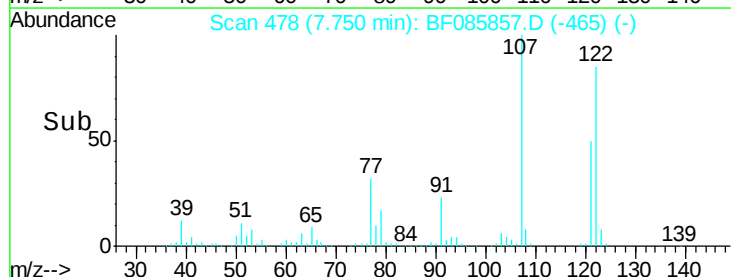
77 37.9 71.8 111.8#

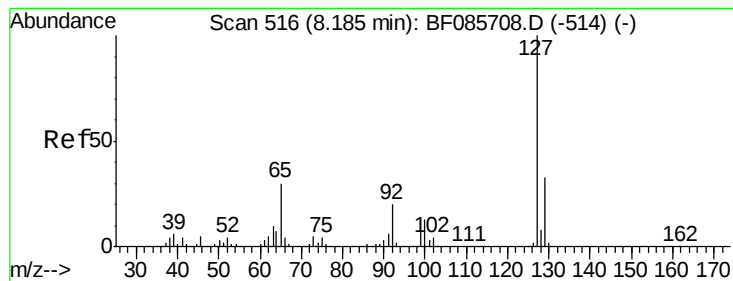


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 28.66 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:127 Resp: 276259

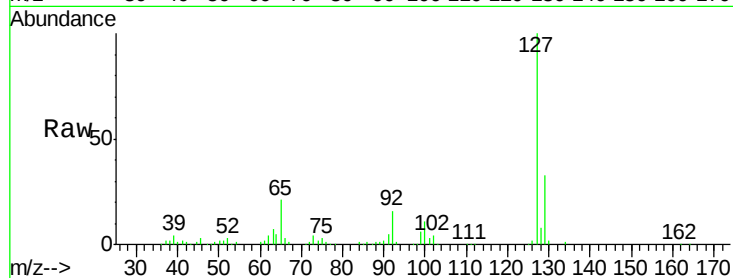
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 21.3 19.5 29.3

92 16.4 14.6 22.0

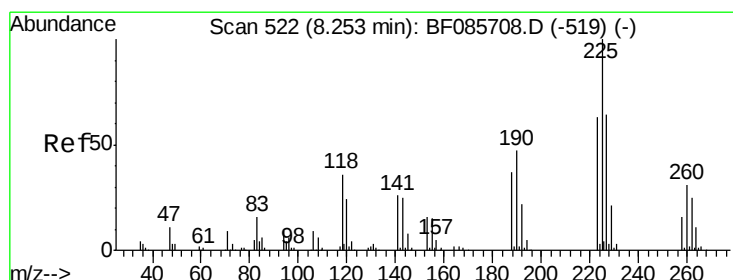
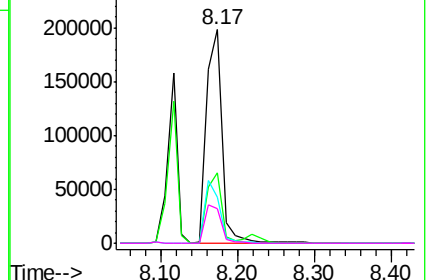
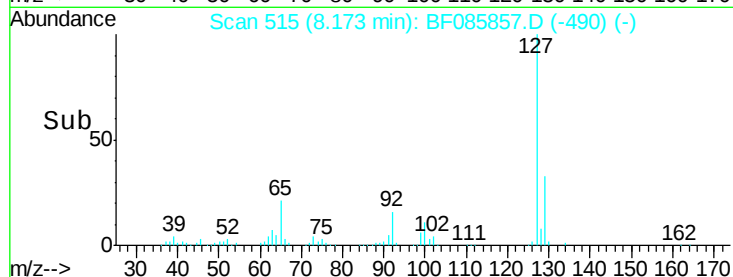


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.03 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

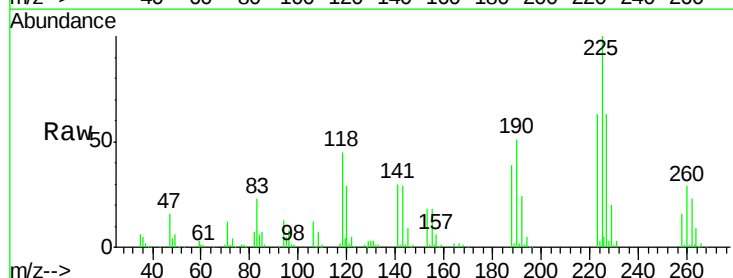
Tgt Ion:225 Resp: 156117

Ion Ratio Lower Upper

225 100

223 63.4 50.4 75.6

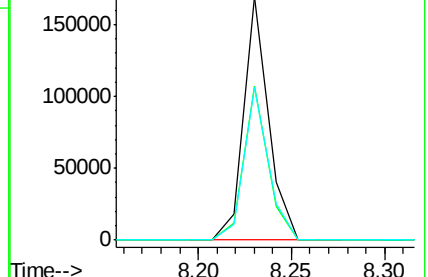
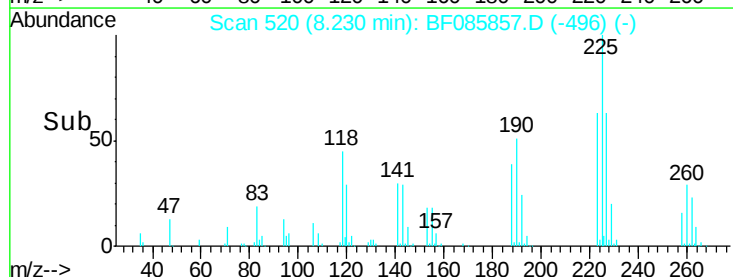
227 62.6 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.04 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

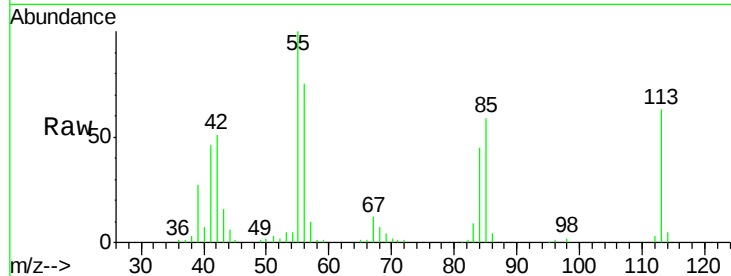
Tgt Ion:113 Resp: 60383

Ion Ratio Lower Upper

113 100

55 158.6 139.4 179.4

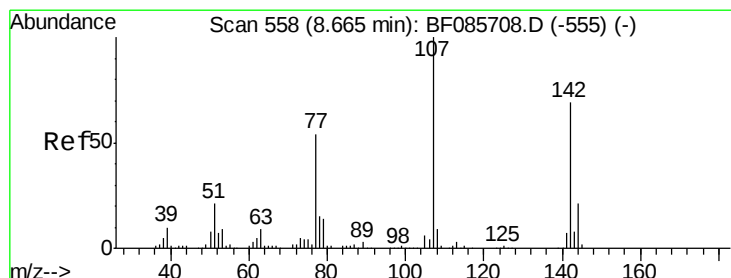
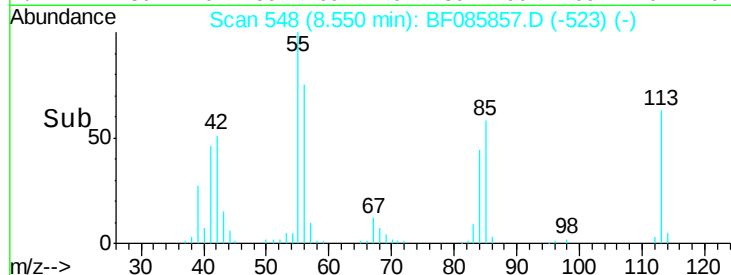
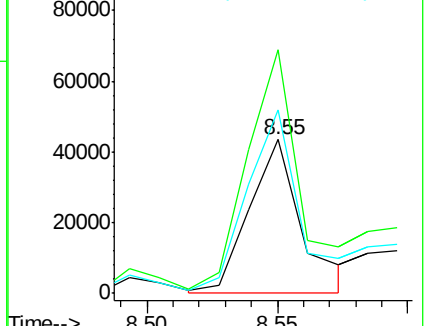
56 119.7 100.4 140.4



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: 49.19 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

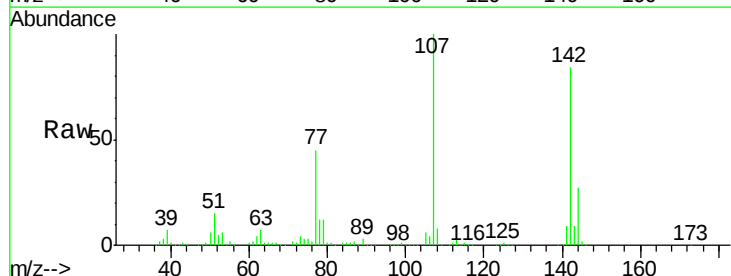
Tgt Ion:107 Resp: 362278

Ion Ratio Lower Upper

107 100

144 27.2 19.3 28.9

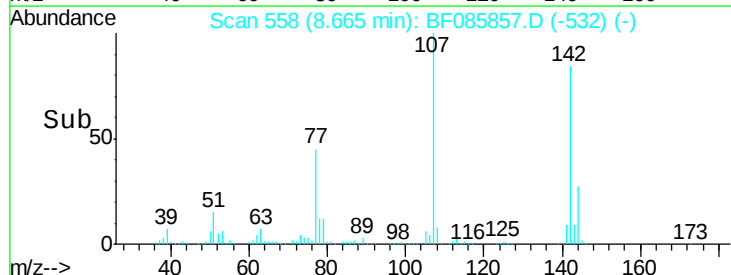
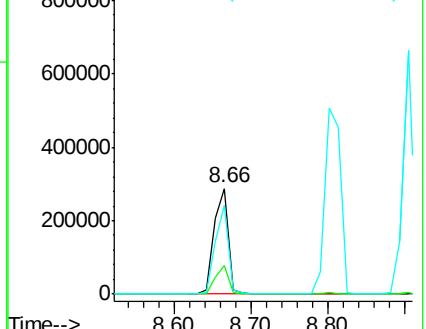
142 84.1 61.4 92.0

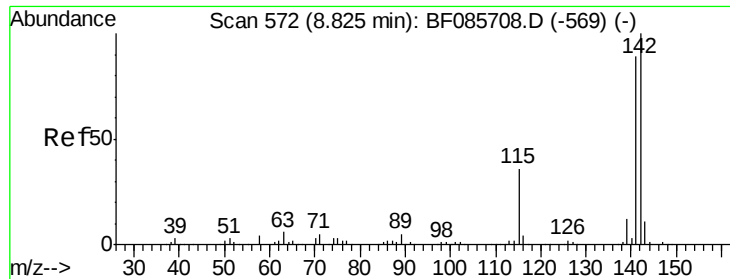


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

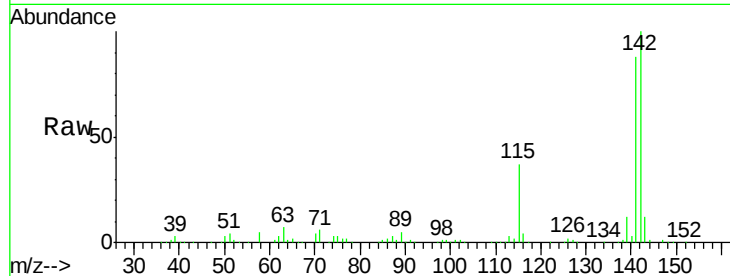




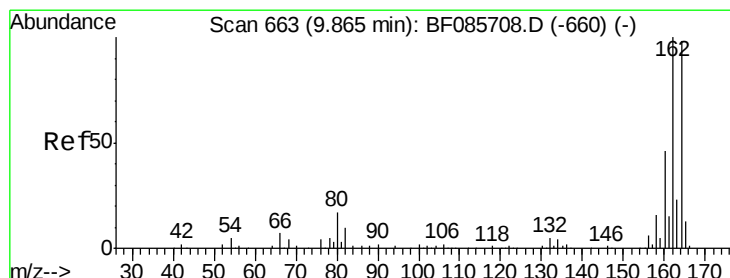
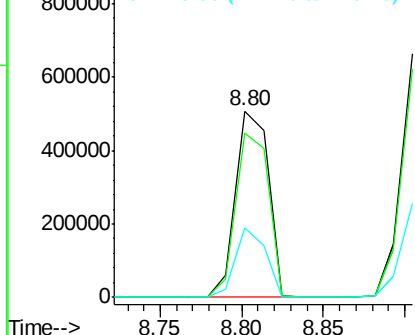
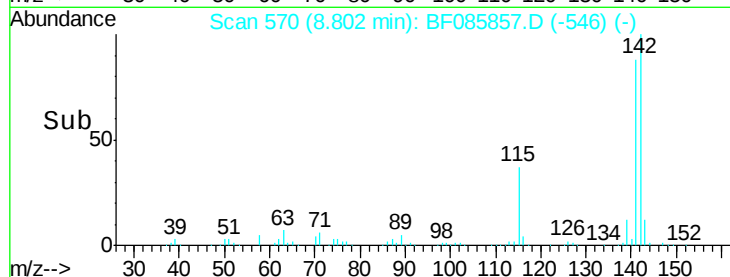
#37
 2-Methylnaphthalene
 Concen: 53.58 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:142 Resp: 704169
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.6 107.4
 115 37.3 26.8 40.2

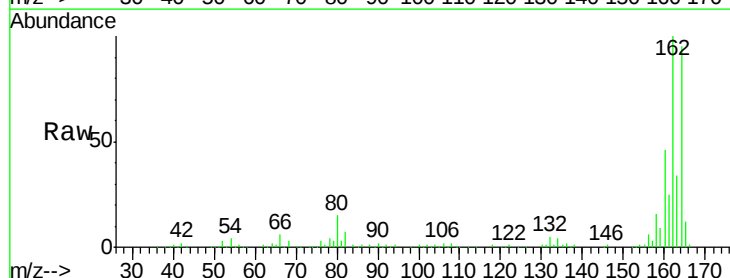


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

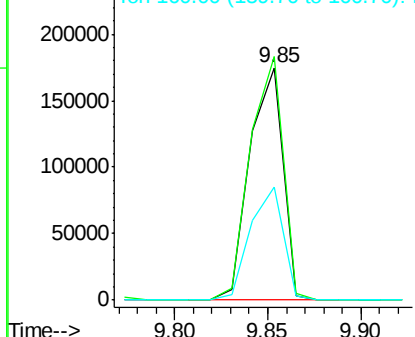
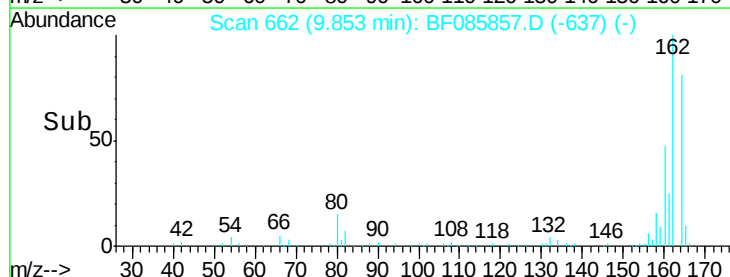


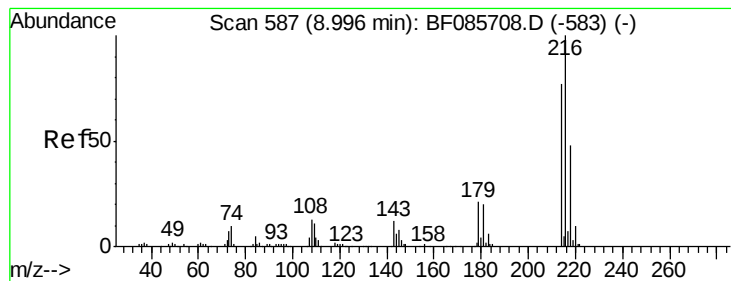
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:164 Resp: 215179
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.1 123.1
 160 48.6 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: 42.43 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

Tgt Ion:216 Resp: 270732

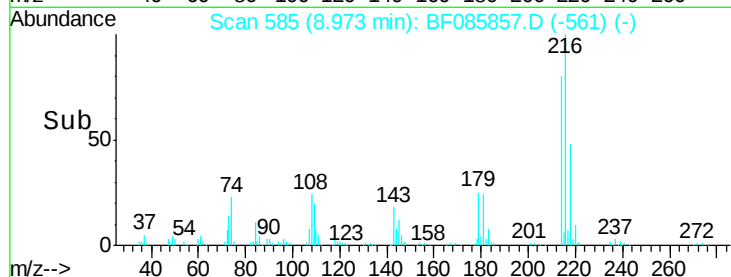
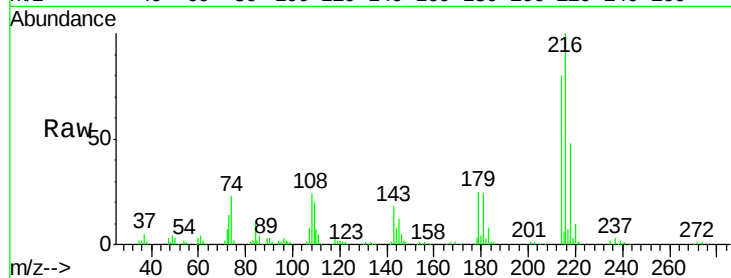
Ion Ratio Lower Upper

216 100

214 79.1 63.1 94.7

179 23.6 18.2 27.2

108 24.6 17.3 25.9

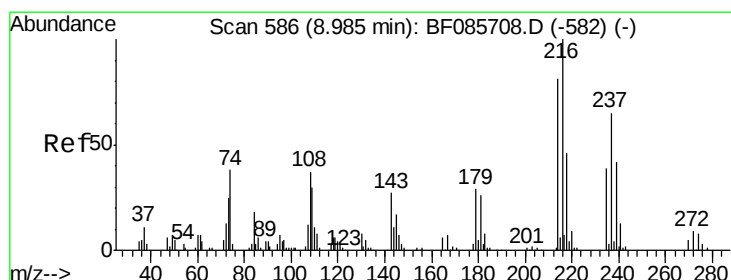
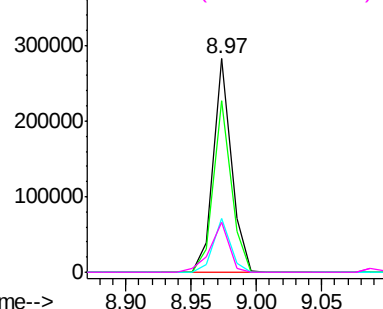


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.48 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

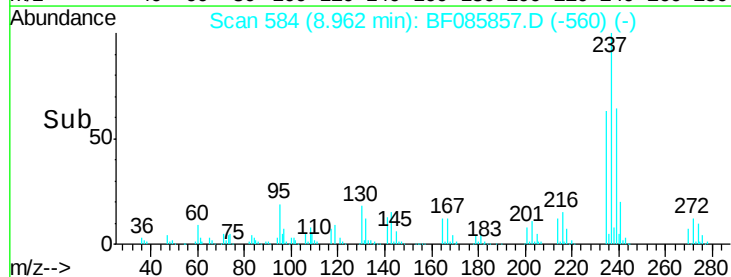
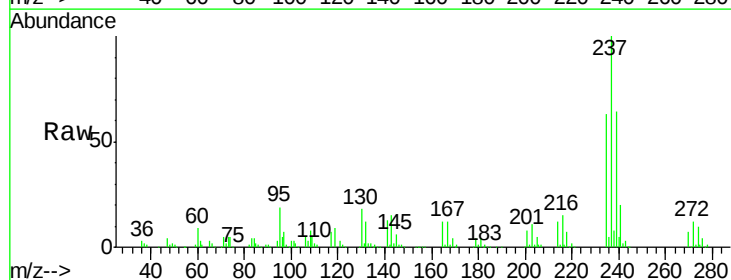
Tgt Ion:237 Resp: 220205

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

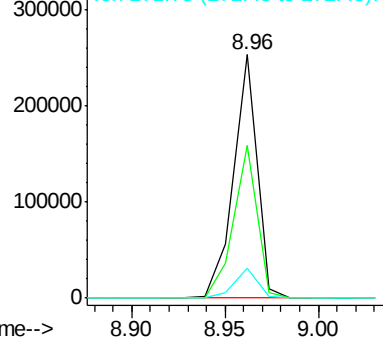
272 12.5 0.0 31.9

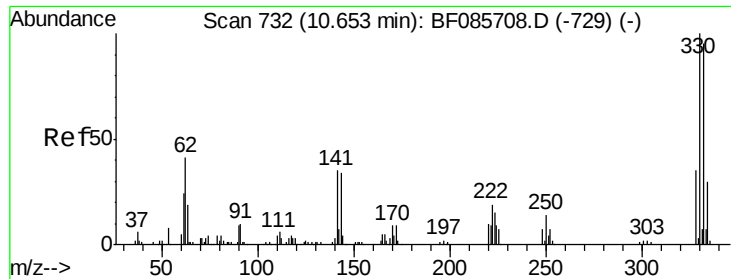


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

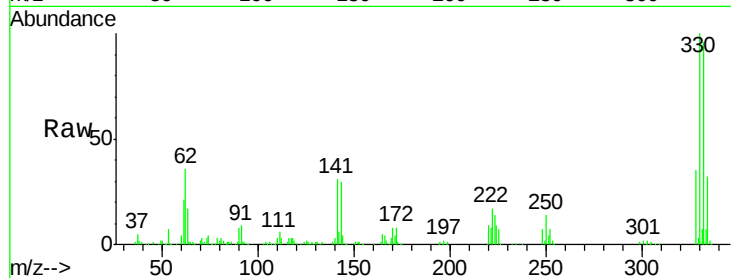




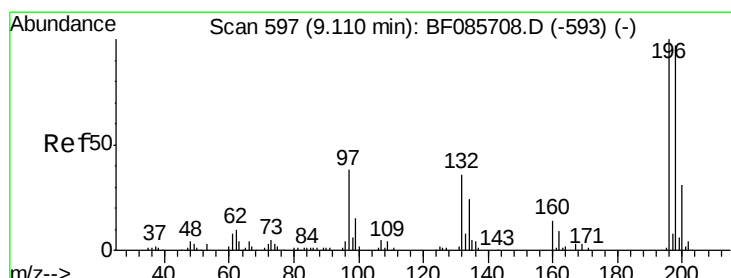
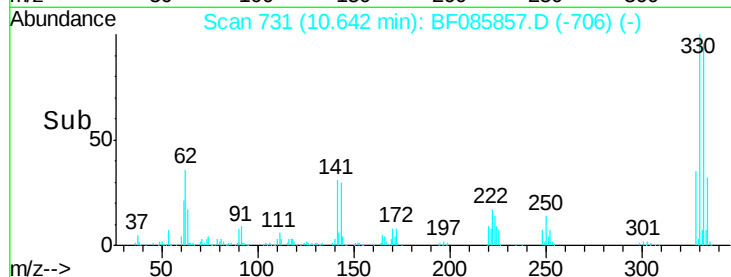
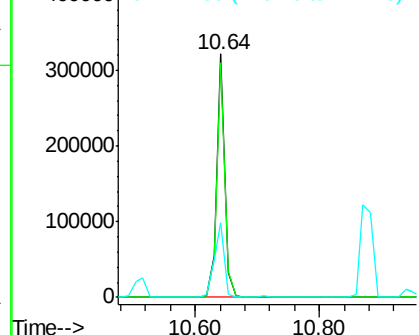
#41
 2,4,6-Tribromophenol
 Concen: 141.06 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:330 Resp: 288394
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 37.5 31.5 47.3

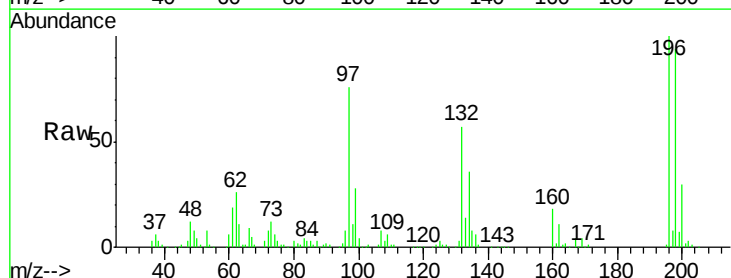


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

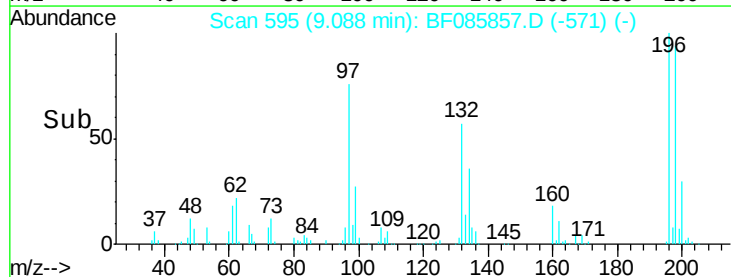
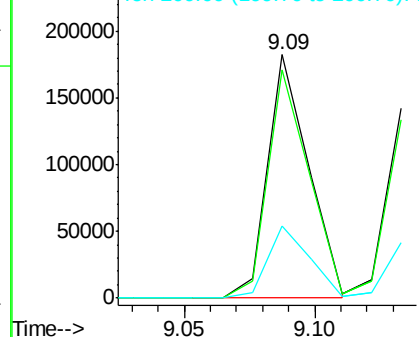


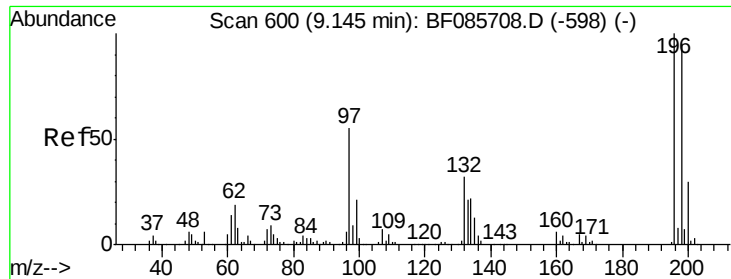
#42
 2,4,6-Trichlorophenol
 Concen: 46.24 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:196 Resp: 199276
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.3 112.9
 200 29.7 23.7 35.5



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

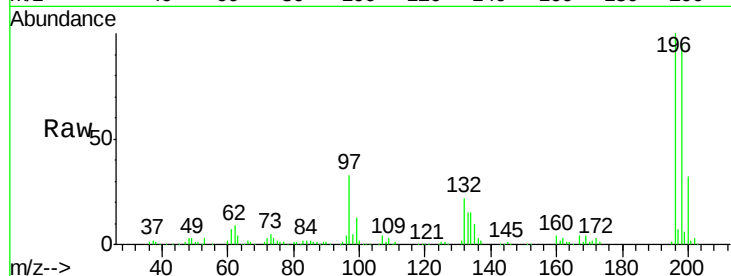




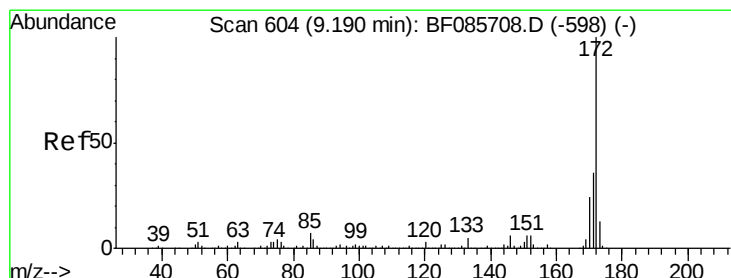
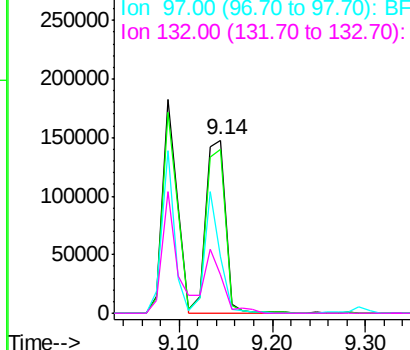
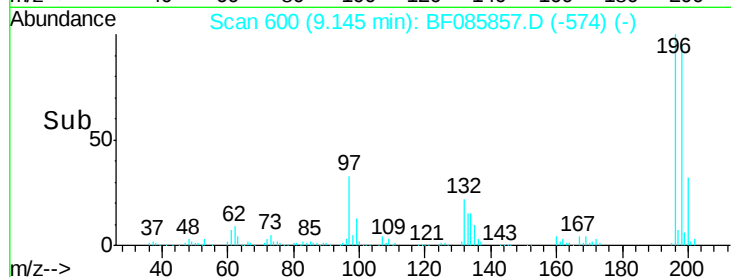
#43
 2,4,5-Trichlorophenol
 Concen: 48.16 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion	Resp	Lower	Upper
196	217679		
198	95.0	76.6	114.8
97	32.9	30.5	45.7
132	22.5	20.2	30.2

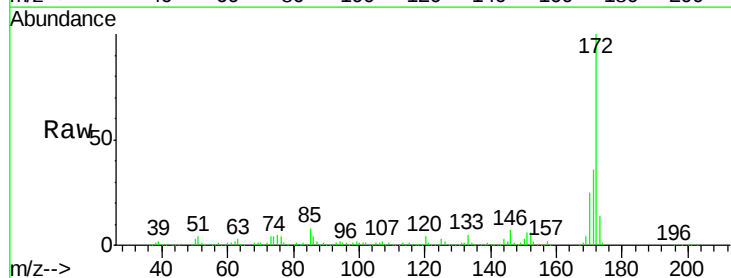


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

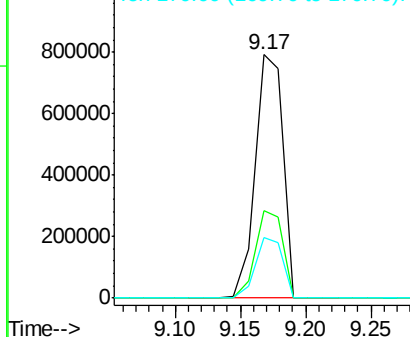
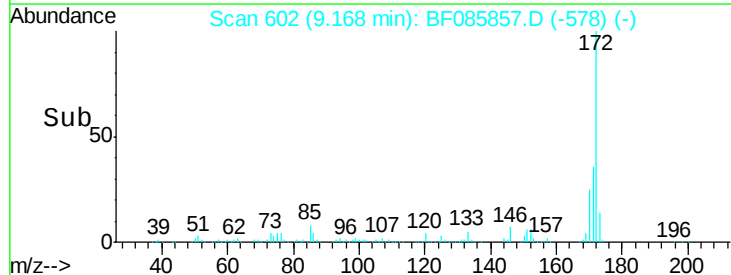


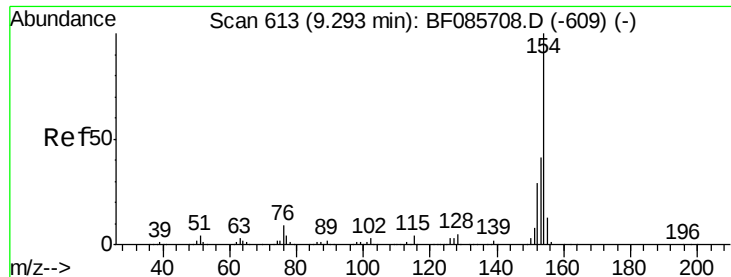
#44
 2-Fluorobiphenyl
 Concen: 90.84 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion	Resp	Lower	Upper
172	1169997		
171	36.1	29.4	44.2
170	24.7	19.8	29.6



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

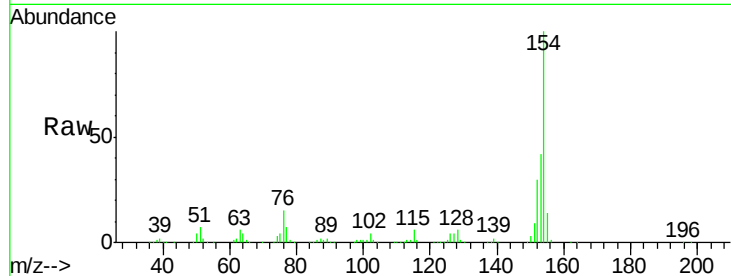




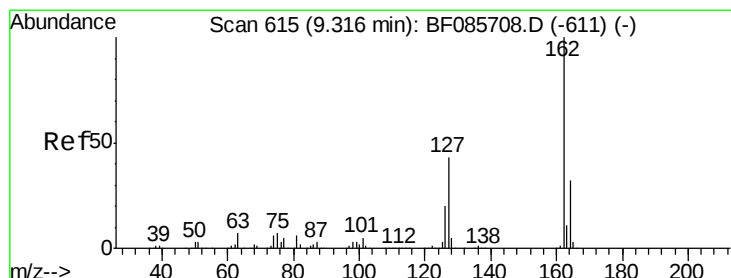
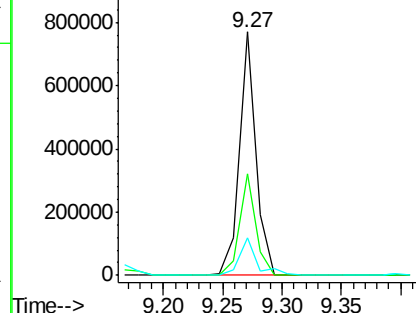
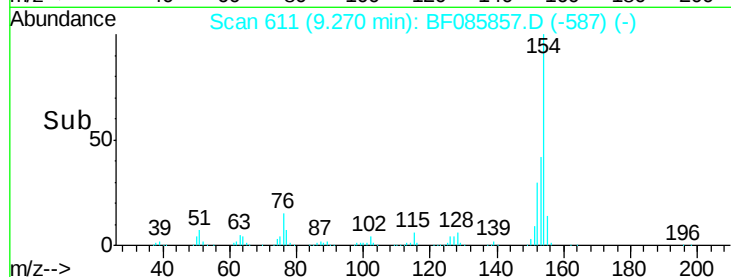
#45
 1,1'-Biphenyl
 Concen: 41.24 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:154 Resp: 748764
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.8 60.8
 76 15.3 0.0 36.7

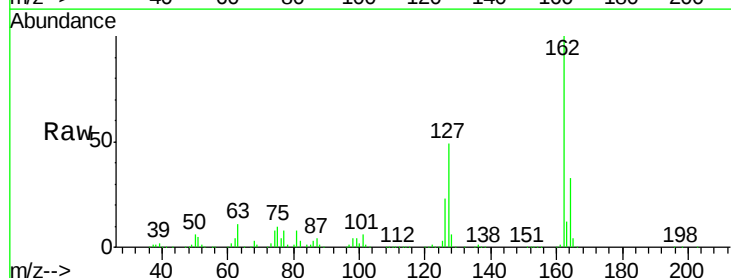


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

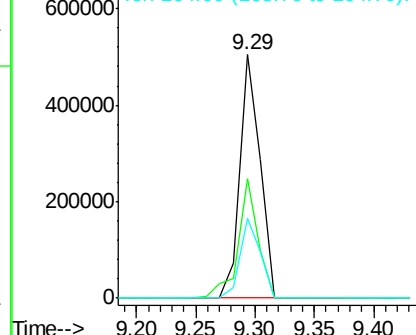
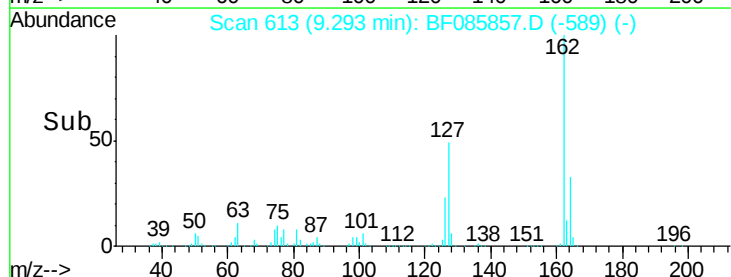


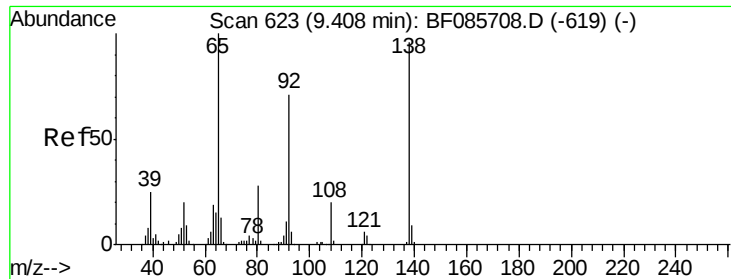
#46
 2-Chloronaphthalene
 Concen: 44.69 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:162 Resp: 596716
 Ion Ratio Lower Upper
 162 100
 127 49.3 31.7 47.5#
 164 32.7 27.3 40.9



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





#47

2-Nitroaniline

Concen: 48.26 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

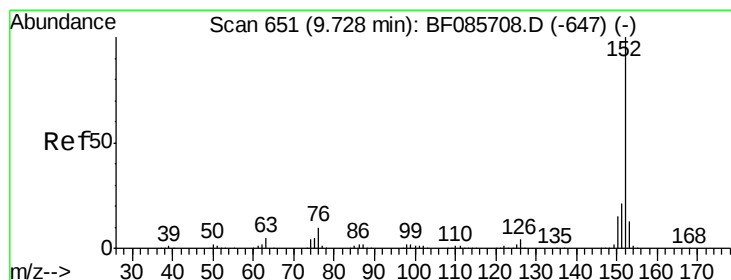
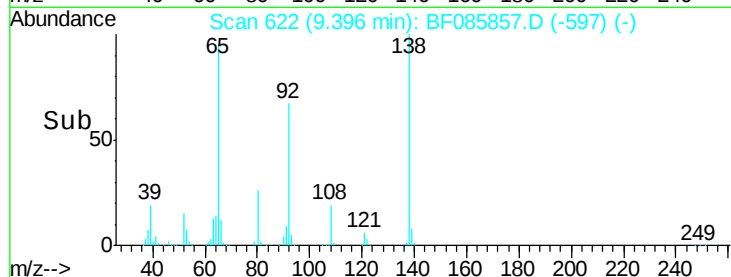
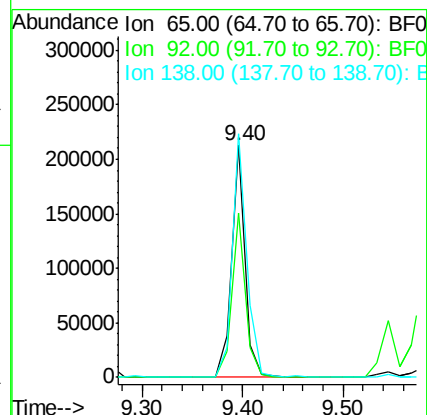
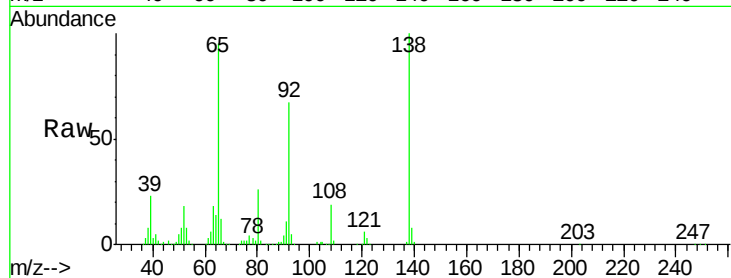
Tgt Ion: 65 Resp: 197018

Ion Ratio Lower Upper

65 100

92 70.6 59.7 89.5

138 105.0 91.4 137.0



#48

Acenaphthylene

Concen: 47.33 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

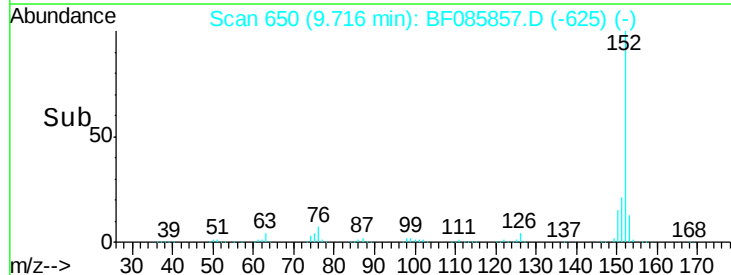
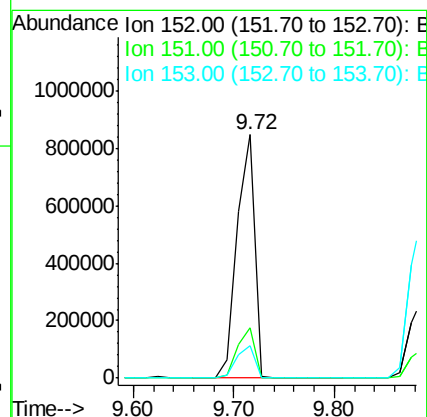
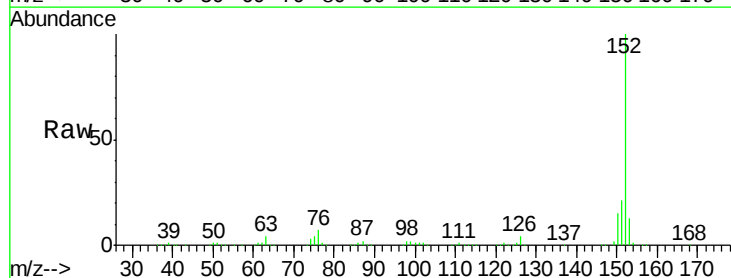
Tgt Ion: 152 Resp: 1029752

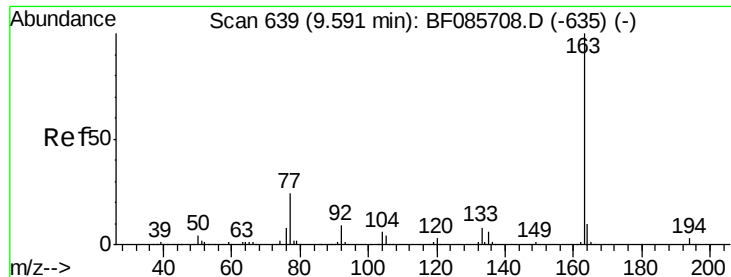
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.1 10.9 16.3

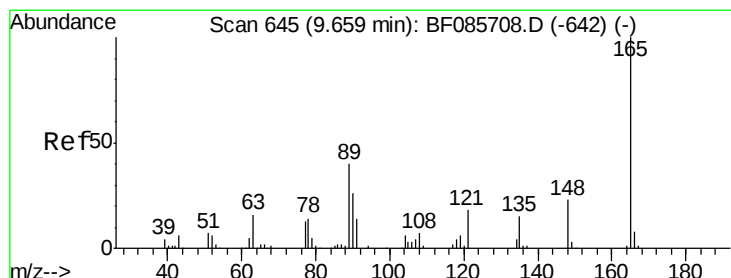
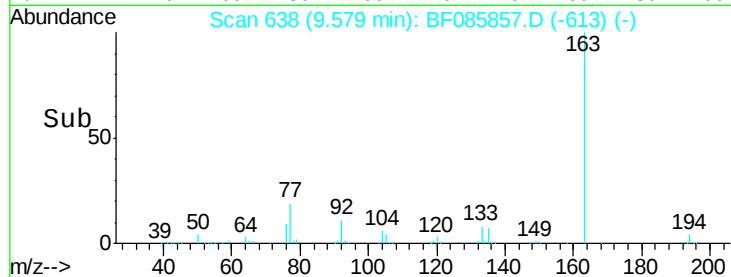
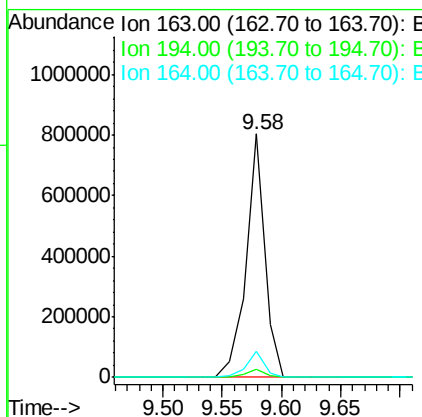
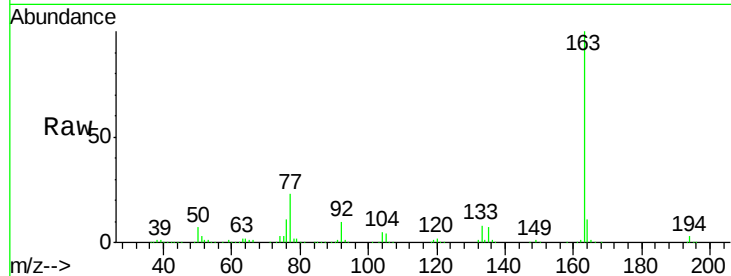




#49
Dimethylphthalate
Concen: 54.39 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

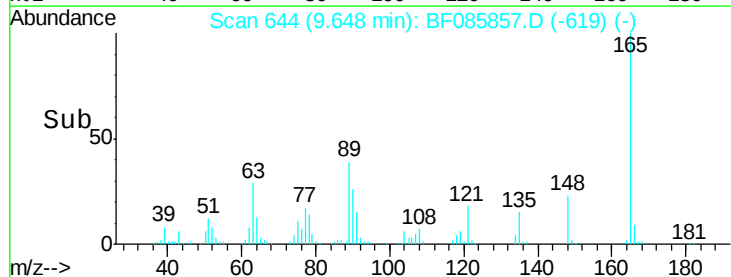
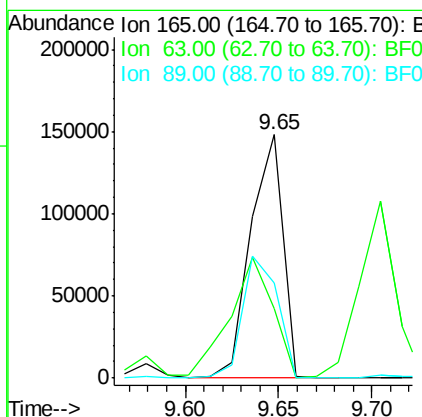
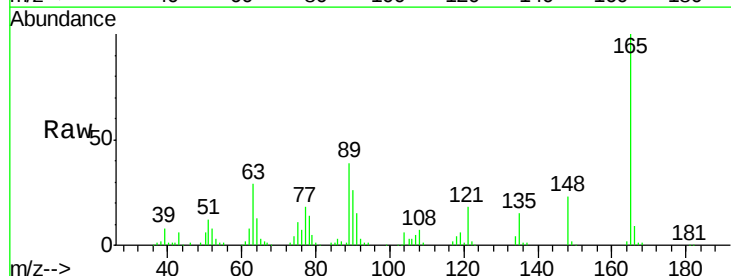
Instrument :
BNA_F
ClientSampleId :
TP-7MS

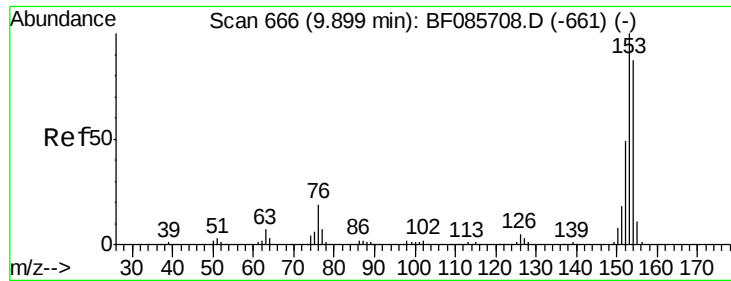
Tgt Ion:163 Resp: 887973
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 50.36 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion:165 Resp: 176958
Ion Ratio Lower Upper
165 100
63 28.8 51.8 77.8#
89 39.0 53.7 80.5#





#51

Acenaphthene

Concen: 45.87 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

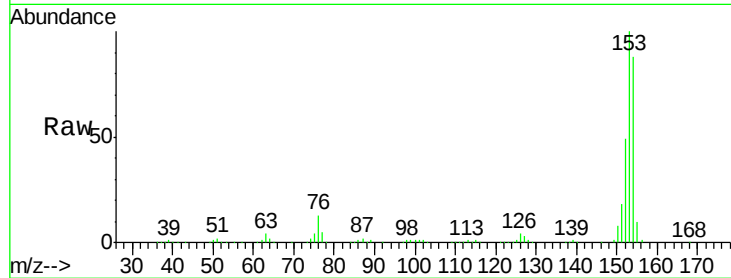
Tgt Ion:154 Resp: 609506

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

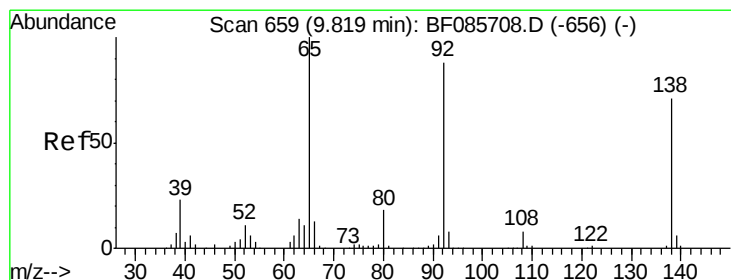
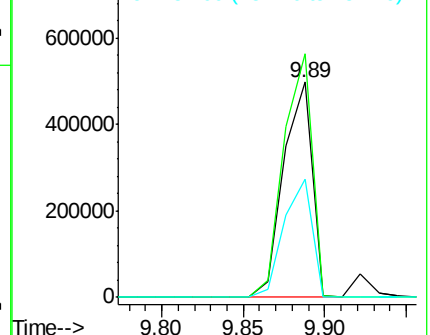
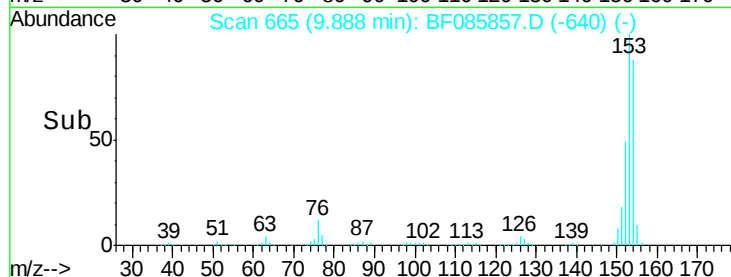
152 55.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.88 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

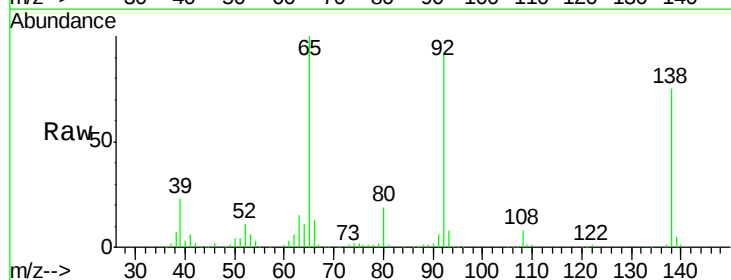
Tgt Ion:138 Resp: 144327

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

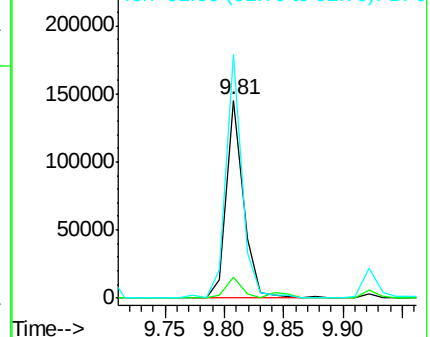
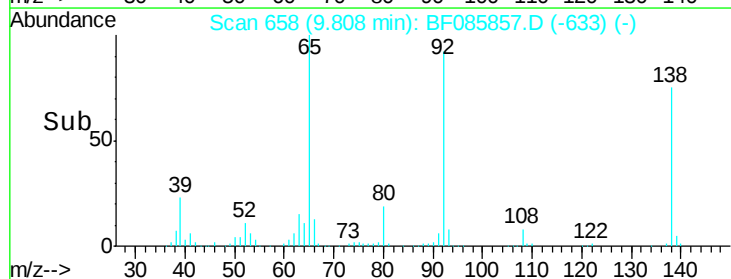
92 123.3 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

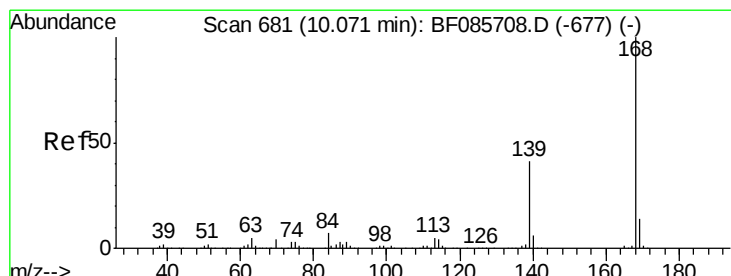
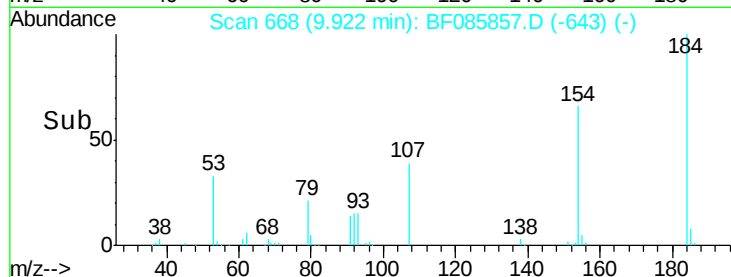
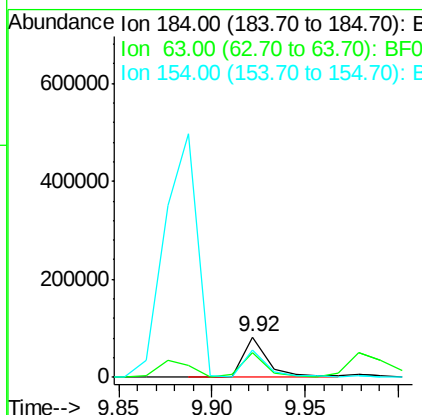
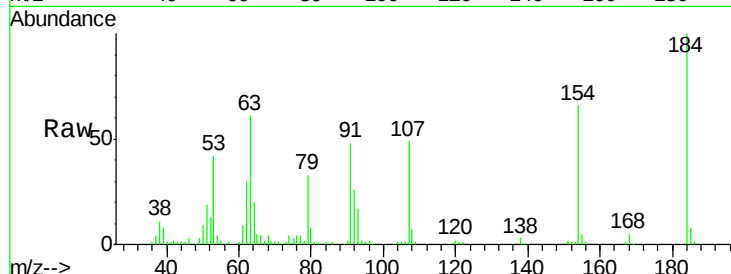




#53
2,4-Dinitrophenol
Concen: 45.98 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

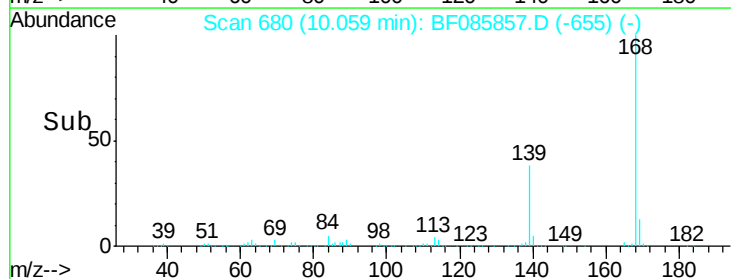
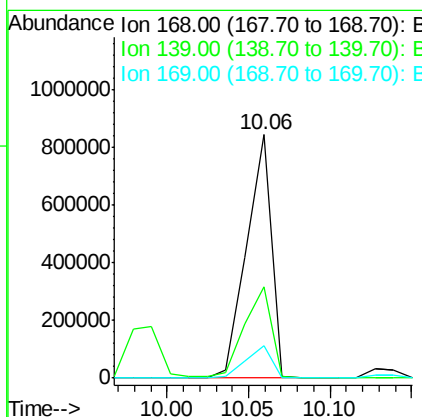
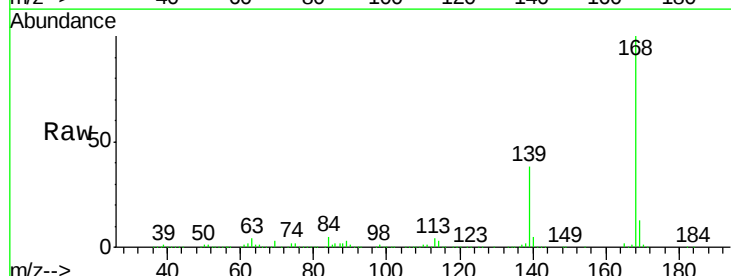
Instrument :
BNA_F
ClientSampleId :
TP-7MS

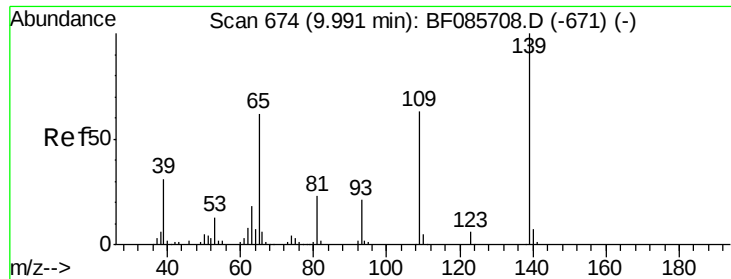
Tgt Ion:184 Resp: 76693
Ion Ratio Lower Upper
184 100
63 61.4 69.5 104.3#
154 65.9 58.3 87.5



#54
Dibenzofuran
Concen: 52.01 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion:168 Resp: 894605
Ion Ratio Lower Upper
168 100
139 37.7 31.9 47.9
169 13.3 11.0 16.6





#55

4-Nitrophenol

Concen: 100.00 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

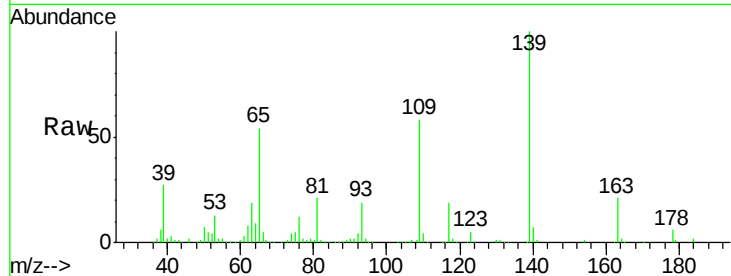
Tgt Ion:139 Resp: 262041

Ion Ratio Lower Upper

139 100

109 58.1 49.2 89.2

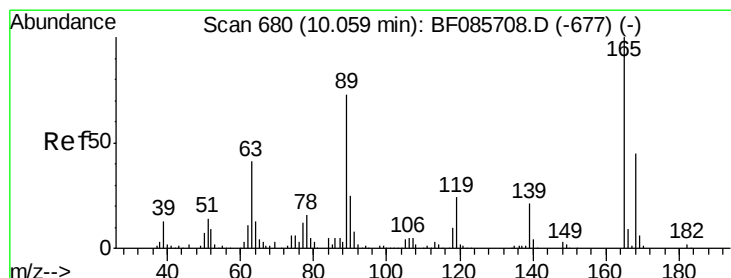
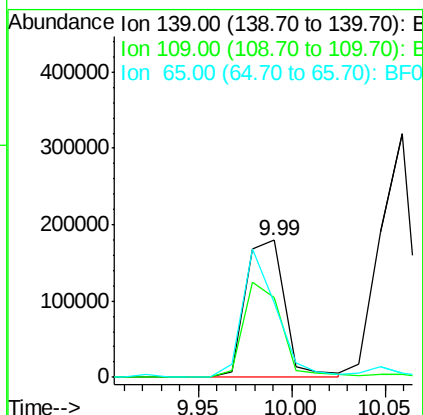
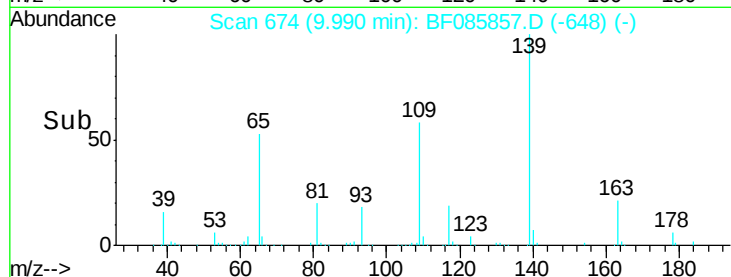
65 54.2 66.9 106.9#



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: 46.83 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:165 Resp: 209148

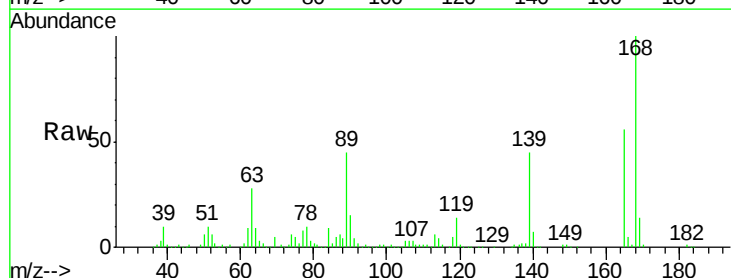
Ion Ratio Lower Upper

165 100

63 50.3 24.9 37.3#

89 80.0 41.0 61.6#

182 2.5 2.1 3.1

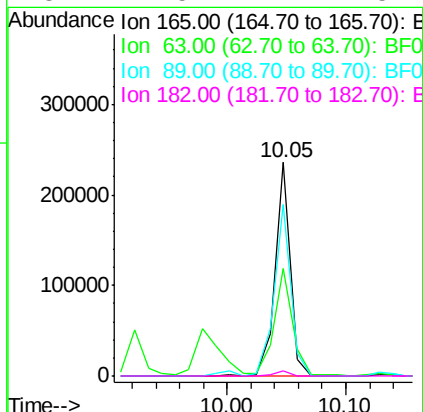
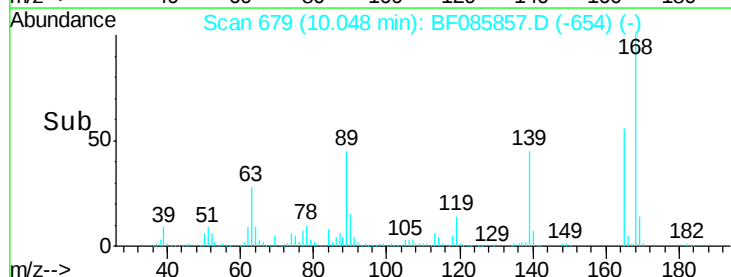


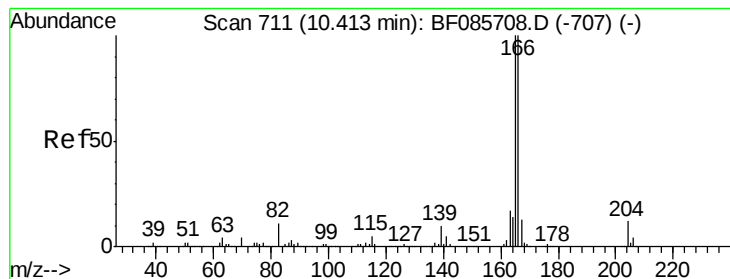
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.71 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

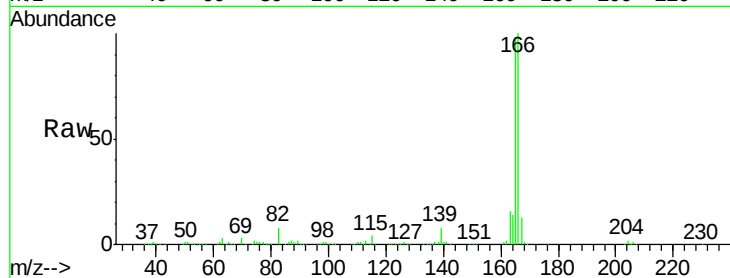
Tgt Ion:166 Resp: 682087

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.0

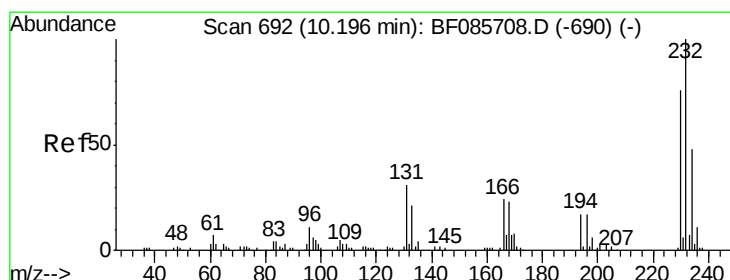
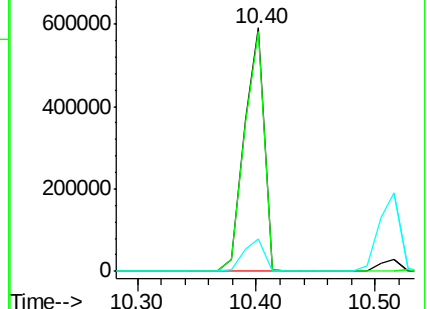
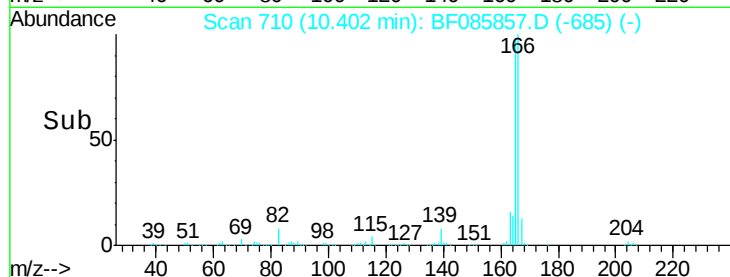
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.10 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion:232 Resp: 154225

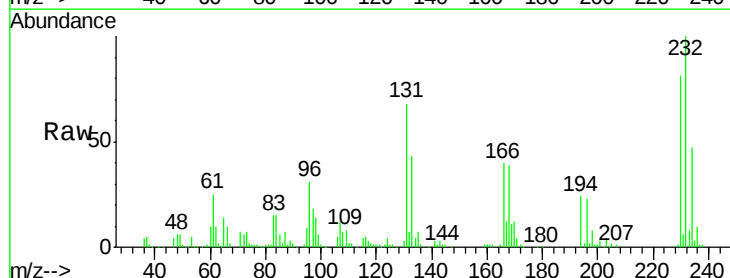
Ion Ratio Lower Upper

232 100

131 58.8 44.9 67.3

130 2.9 2.3 3.5

166 35.5 28.1 42.1

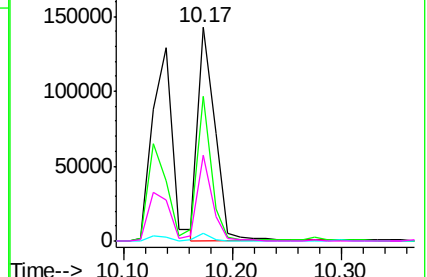
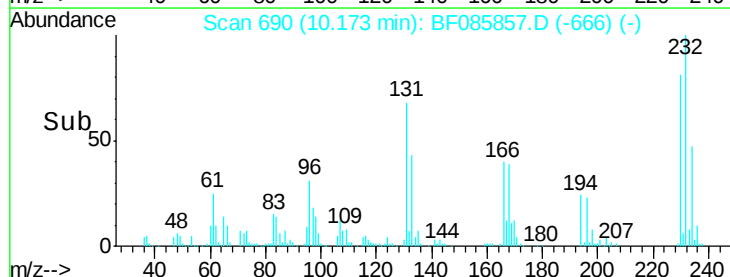


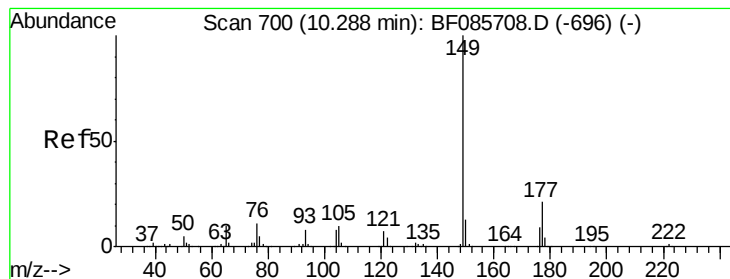
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.67 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

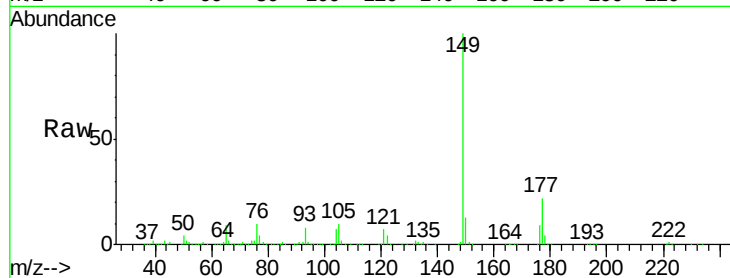
Tgt Ion:149 Resp: 736586

Ion Ratio Lower Upper

149 100

177 21.6 17.9 26.9

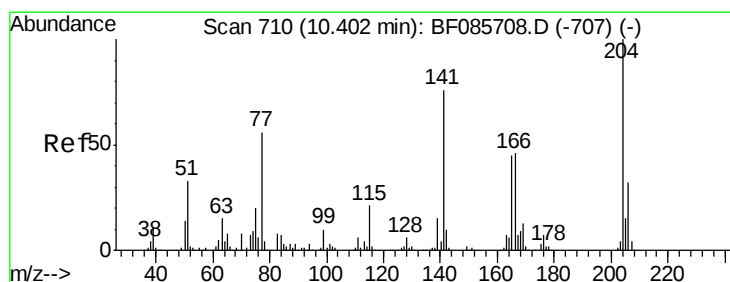
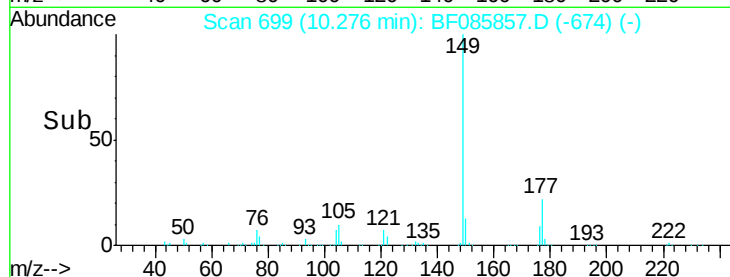
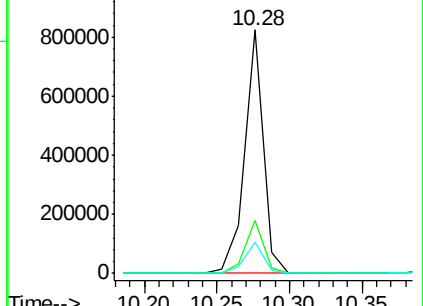
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.07 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

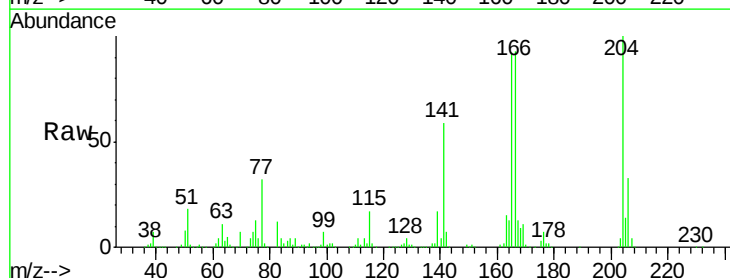
Tgt Ion:204 Resp: 329023

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

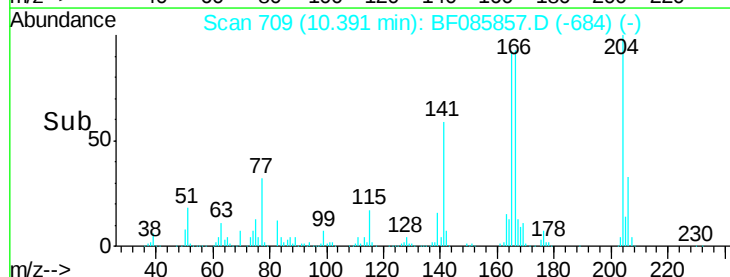
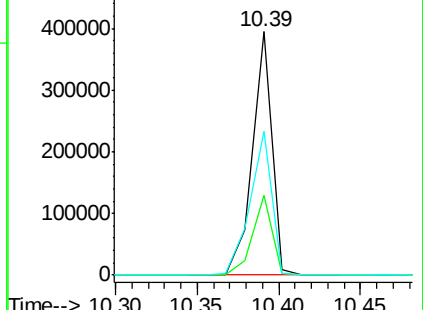
141 58.8 57.4 86.0

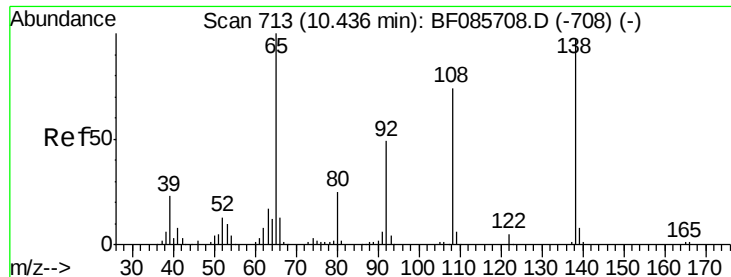


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.69 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

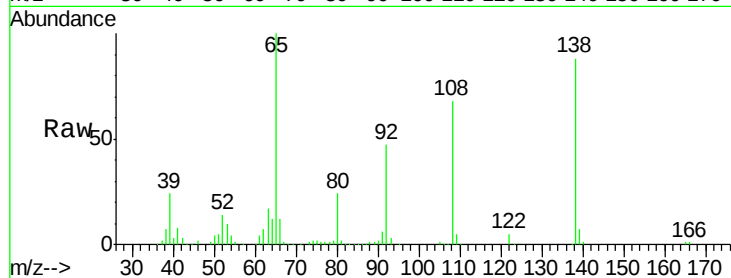
Tgt Ion:138 Resp: 179614

Ion Ratio Lower Upper

138 100

92 54.0 26.4 66.4

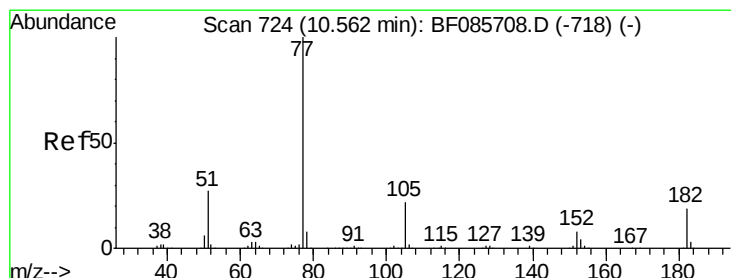
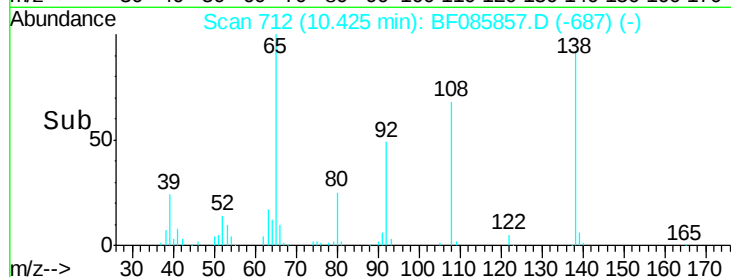
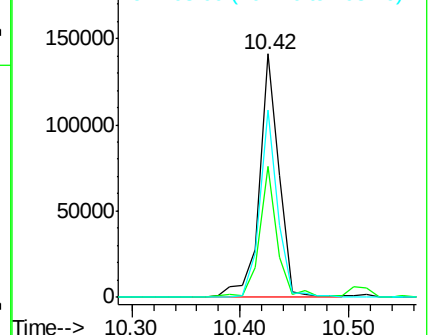
108 77.0 49.0 89.0



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: 52.23 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Tgt Ion: 77 Resp: 809607

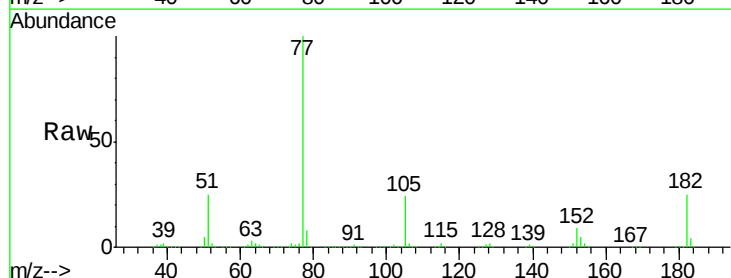
Ion Ratio Lower Upper

77 100

182 25.2 1.9 41.9

105 24.3 3.5 43.5

51 25.2 6.3 46.3

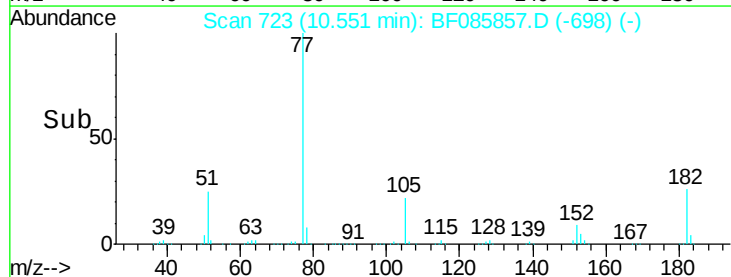
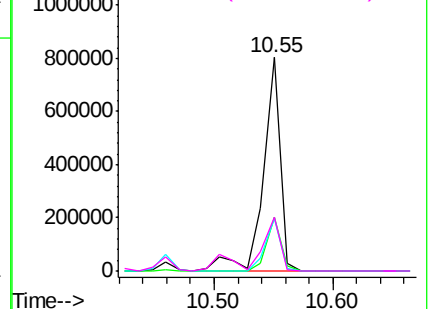


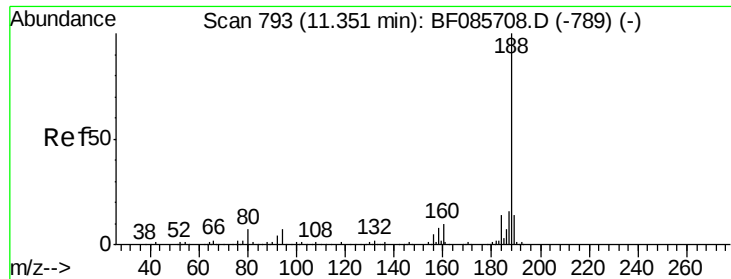
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

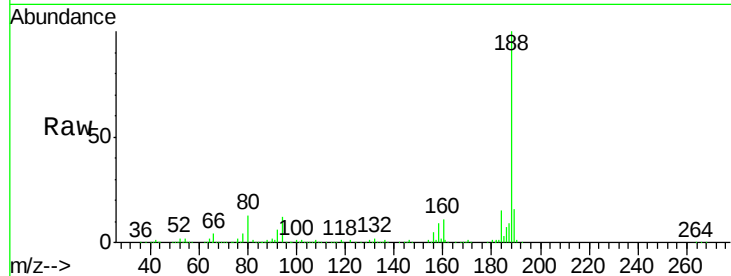




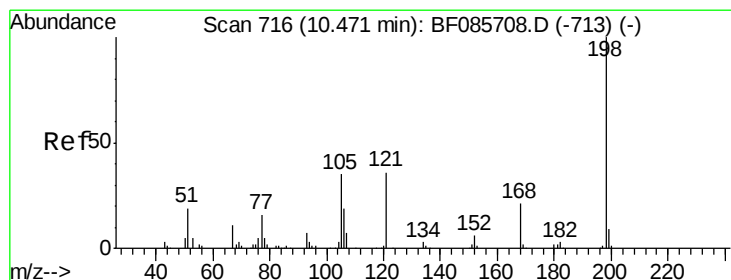
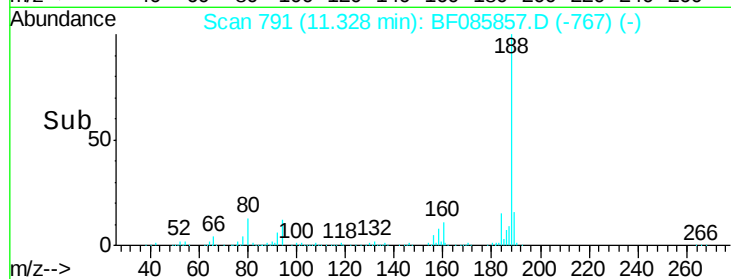
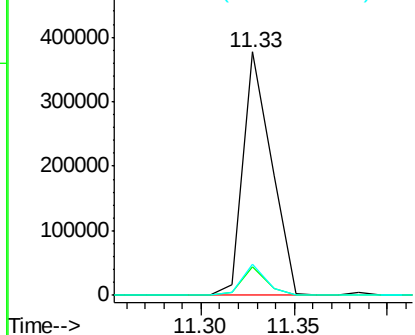
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:188 Resp: 400211
Ion Ratio Lower Upper
188 100
94 11.9 5.4 8.0#
80 12.7 5.5 8.3#

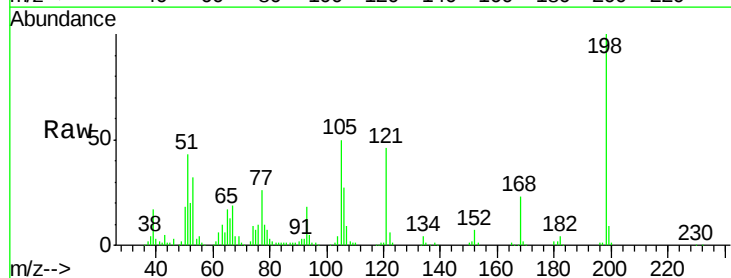


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

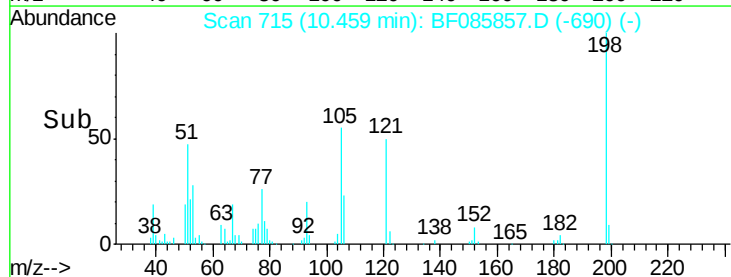
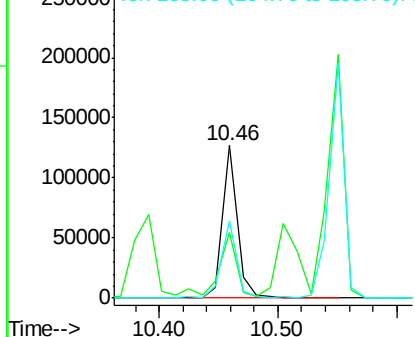


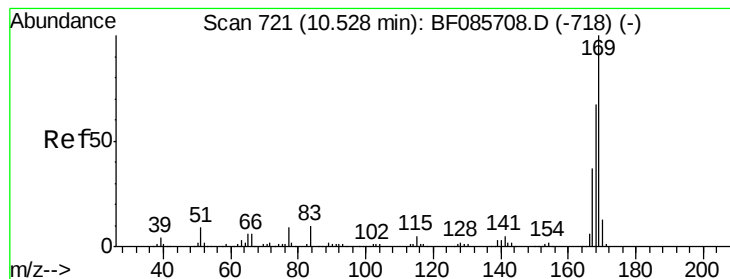
#64
4,6-Dinitro-2-methylphenol
Concen: 46.44 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion:198 Resp: 108839
Ion Ratio Lower Upper
198 100
51 43.3 45.4 85.4#
105 50.5 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: 49.73 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

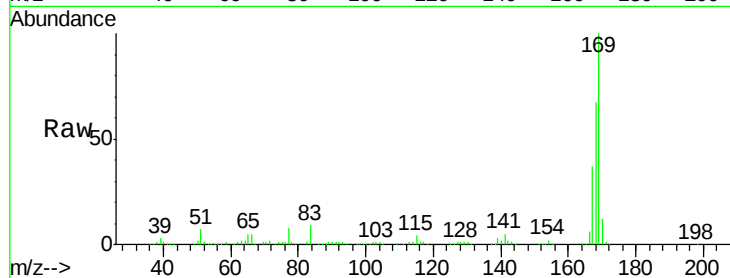
Tgt Ion:169 Resp: 630315

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

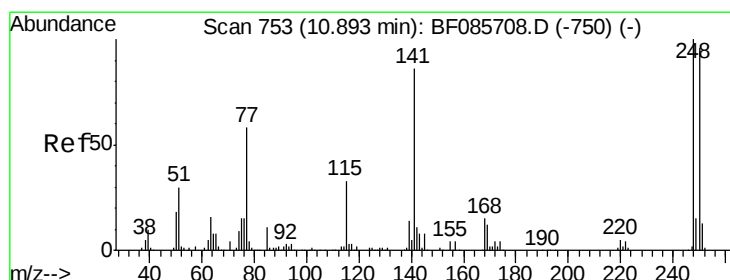
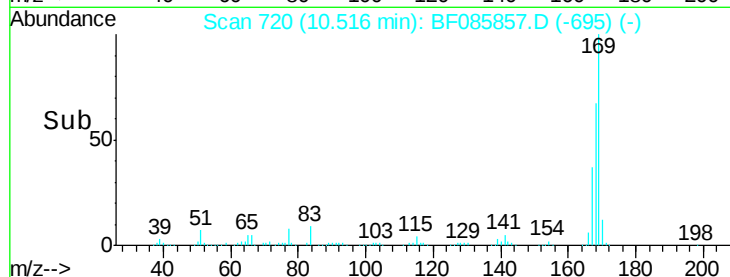
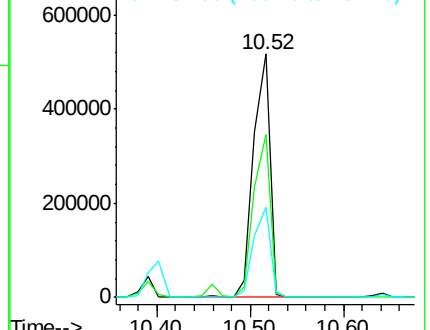
167 36.7 29.4 44.0



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: 48.88 ng

RT: 10.88 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

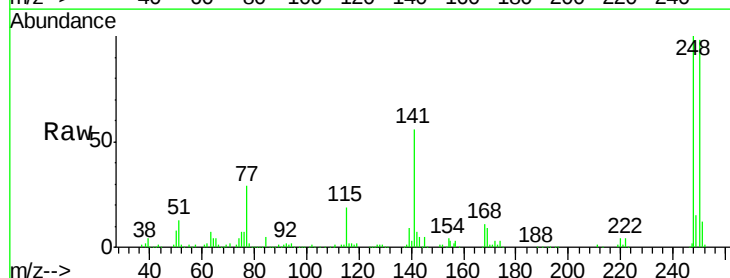
Tgt Ion:248 Resp: 200122

Ion Ratio Lower Upper

248 100

250 98.5 77.4 116.0

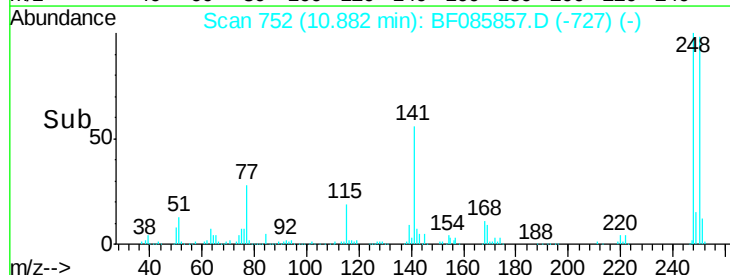
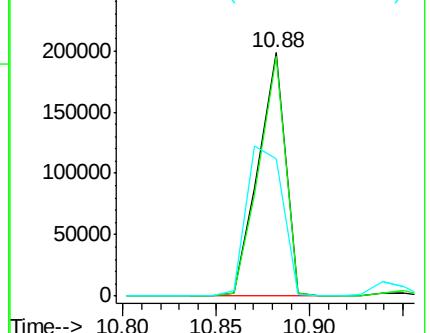
141 56.3 63.6 95.4#

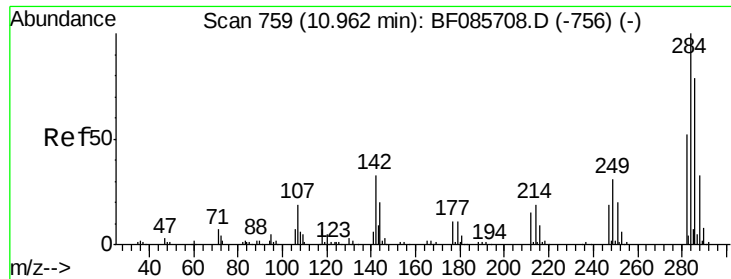


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

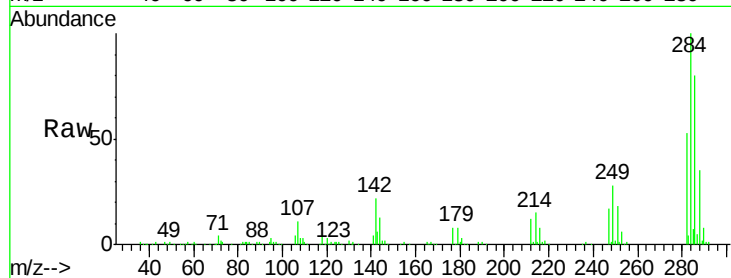




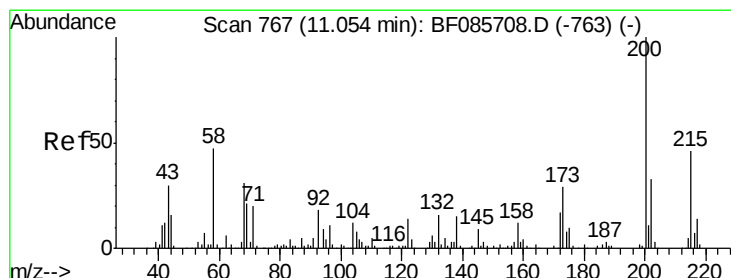
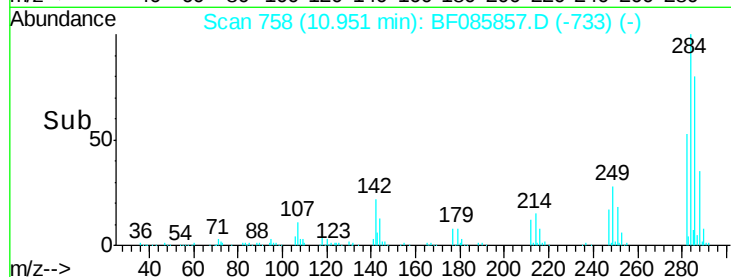
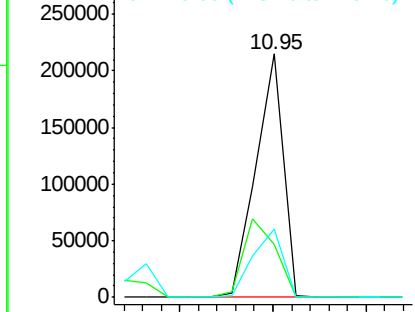
#67
Hexachlorobenzene
Concen: 50.87 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Tgt Ion:284 Resp: 217844
Ion Ratio Lower Upper
284 100
142 21.5 23.1 34.7#
249 28.0 24.2 36.2

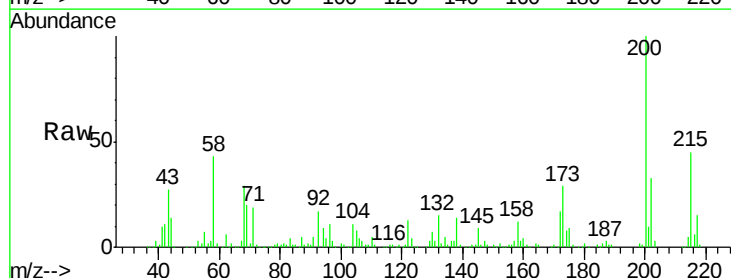


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

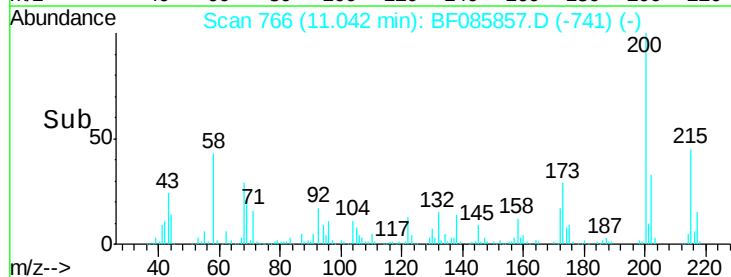
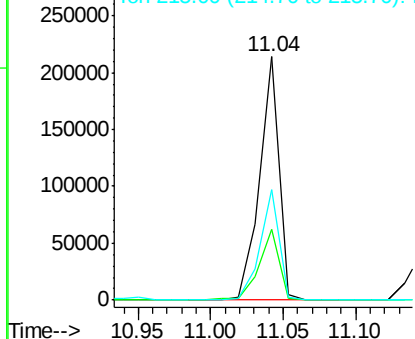


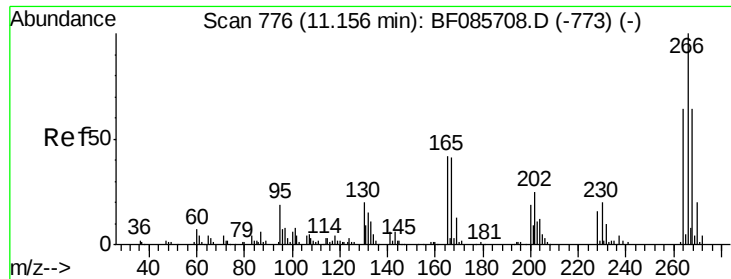
#68
Atrazine
Concen: 46.50 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion:200 Resp: 199018
Ion Ratio Lower Upper
200 100
173 29.2 7.7 47.7
215 45.3 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

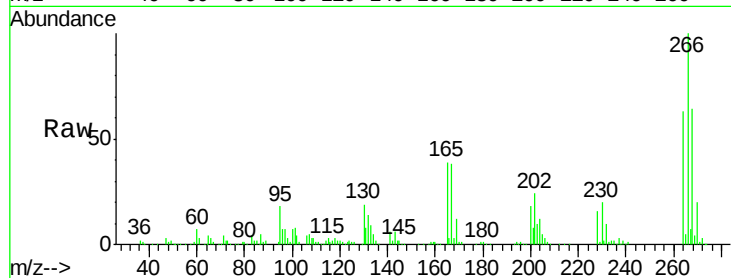




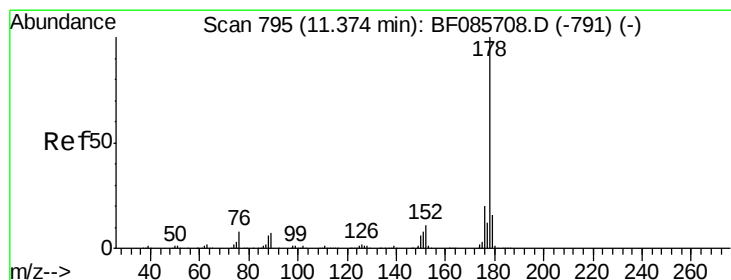
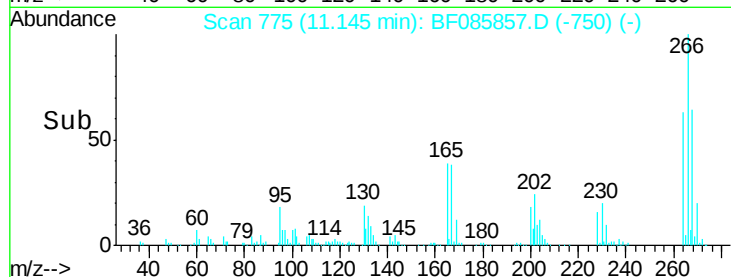
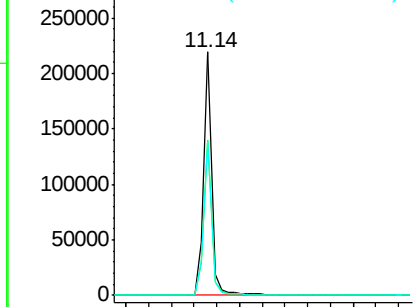
#69
 Pentachlorophenol
 Concen: 100.76 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:266 Resp: 211805
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.5 77.3
 264 63.2 50.6 76.0

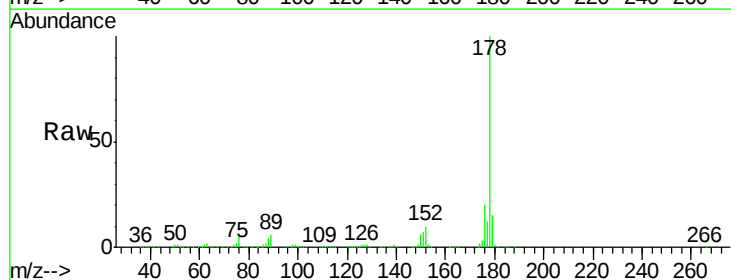


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

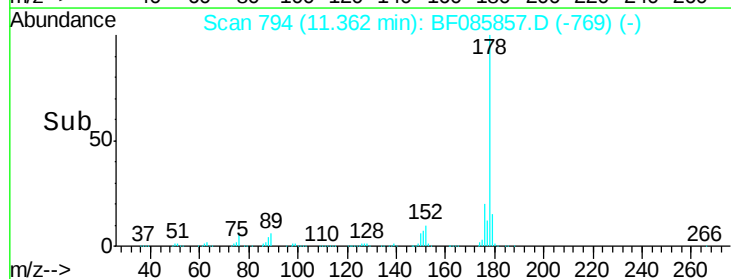
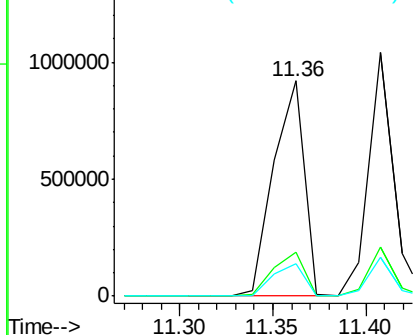


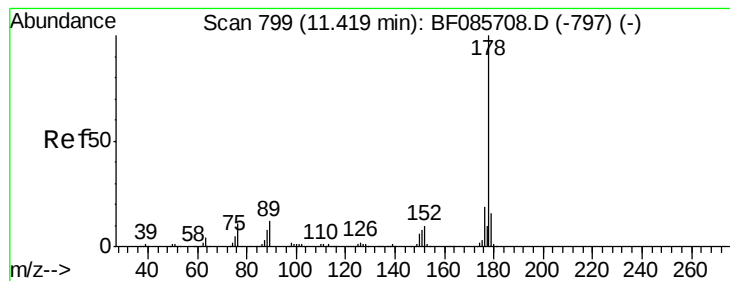
#70
 Phenanthrene
 Concen: 51.44 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:178 Resp: 1057147
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 15.3 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: 43.95 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

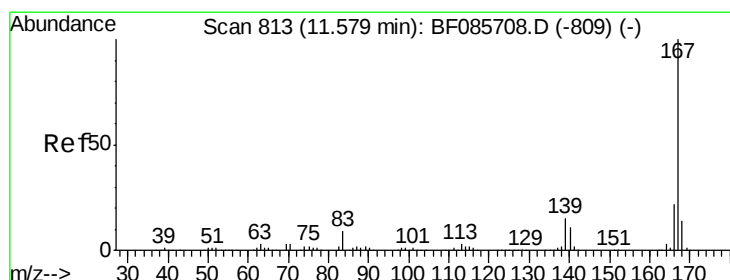
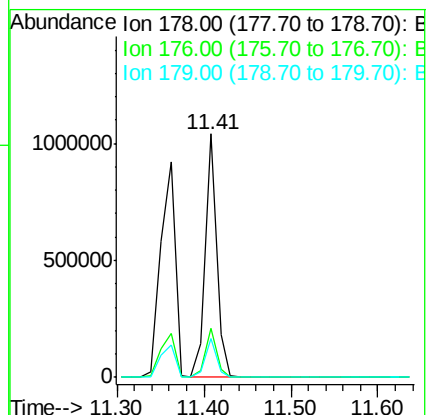
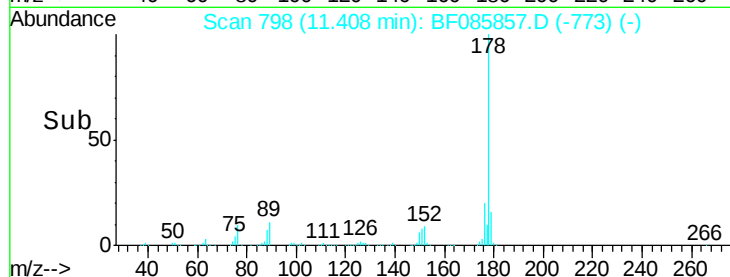
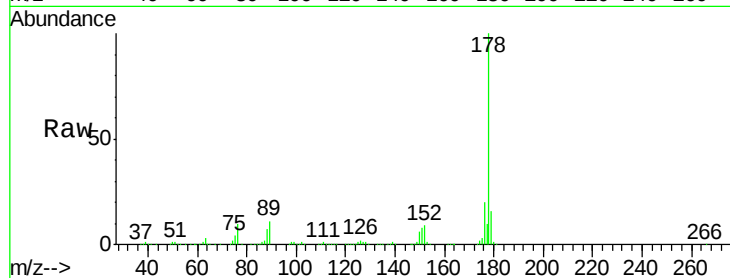
Tgt Ion:178 Resp: 948102

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 16.2 13.0 19.4



#72

Carbazole

Concen: 53.05 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

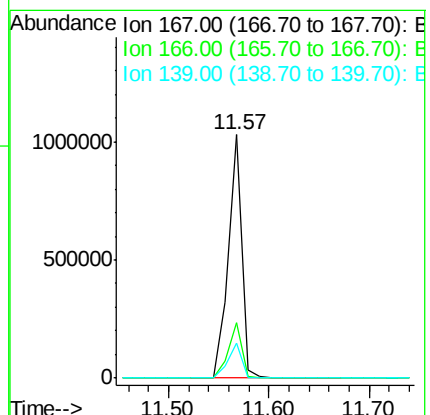
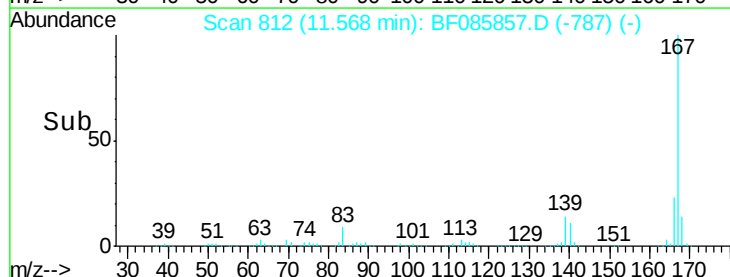
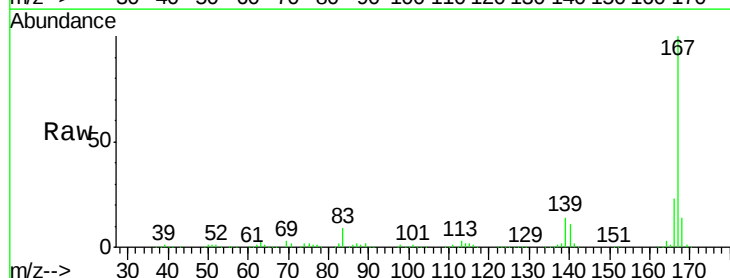
Tgt Ion:167 Resp: 960822

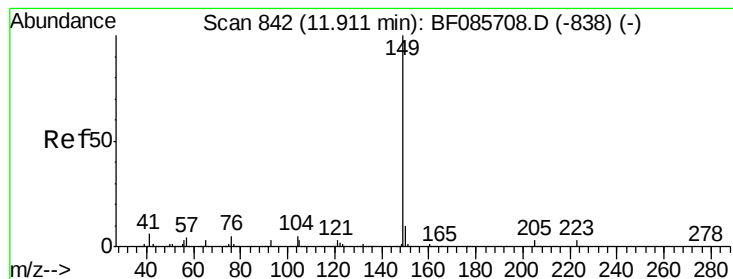
Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

139 14.5 11.6 17.4





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

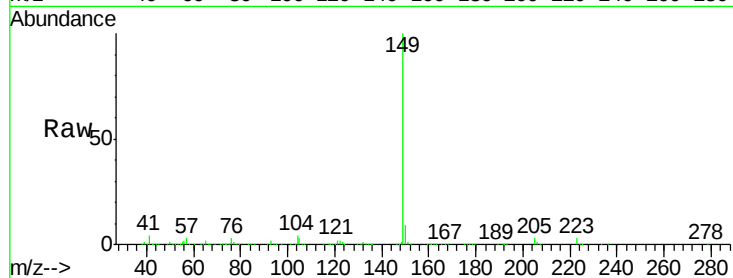
Tgt Ion:149 Resp: 1179716

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

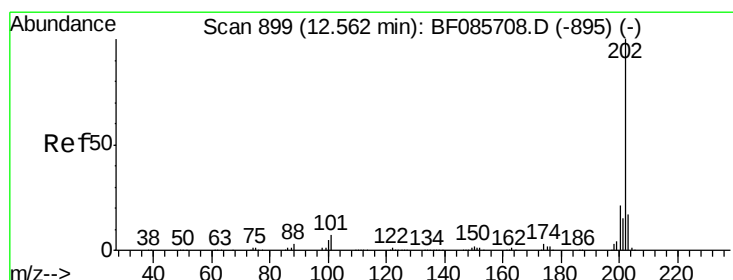
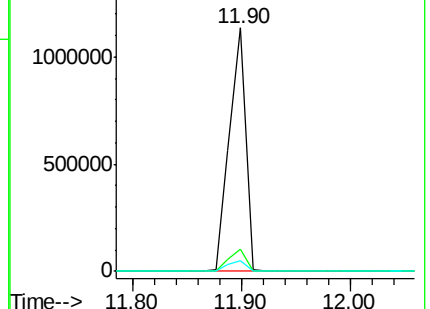
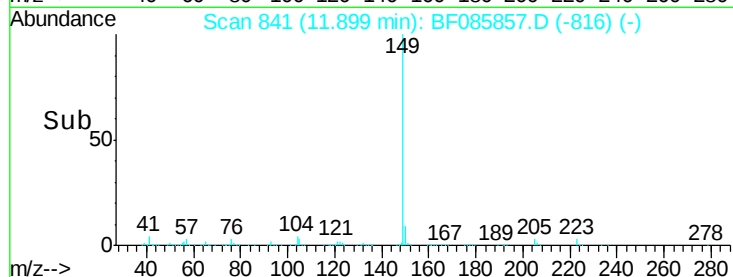
104 4.3 3.8 5.8



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: 42.27 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

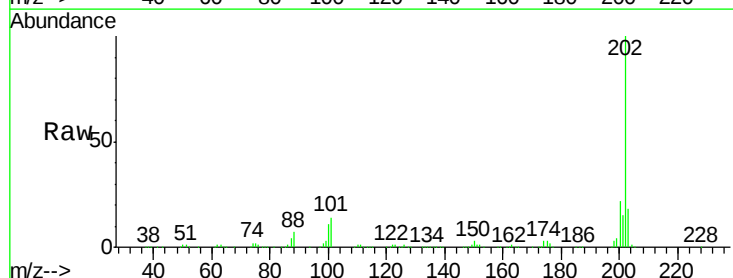
Tgt Ion:202 Resp: 923300

Ion Ratio Lower Upper

202 100

101 14.3 0.0 36.6

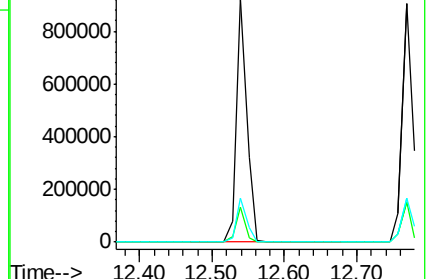
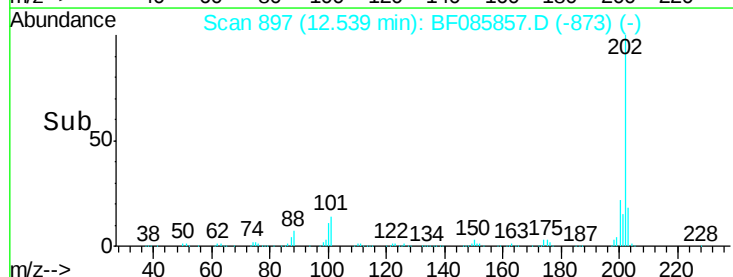
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

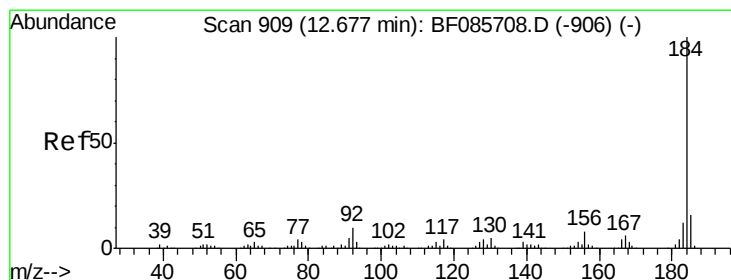
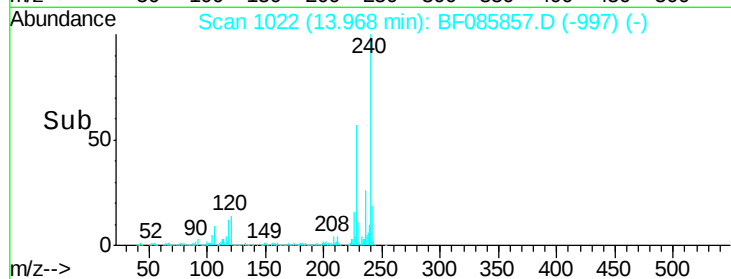
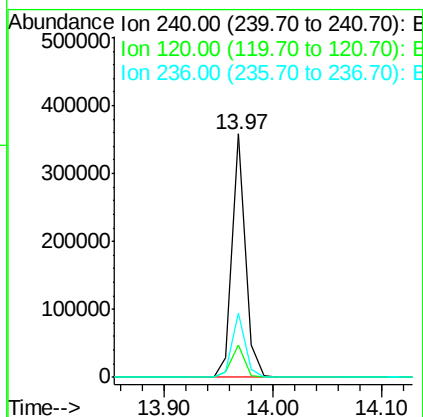
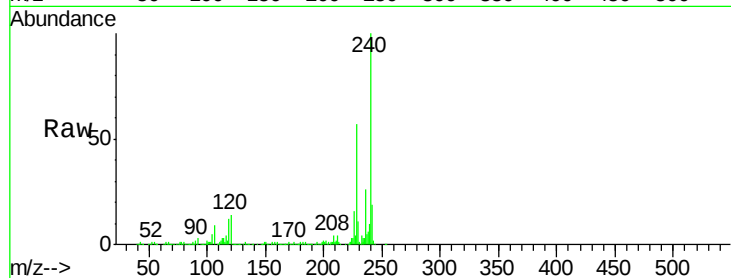




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

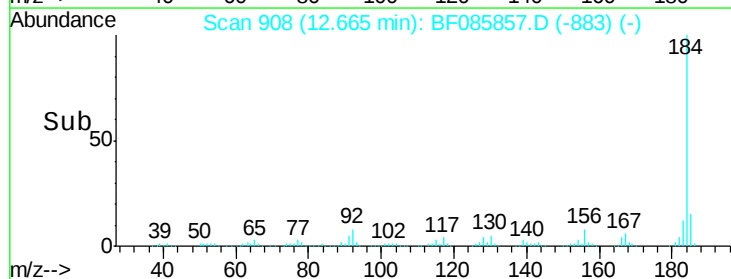
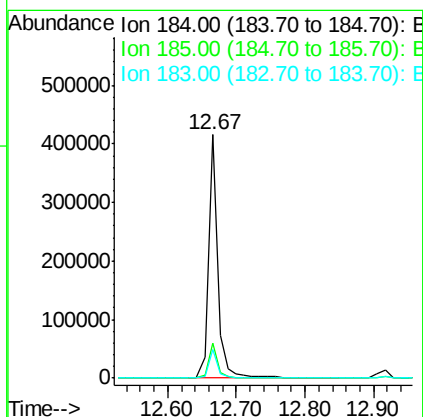
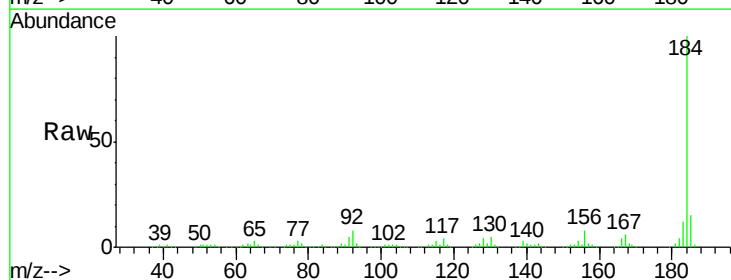
Instrument :
BNA_F
ClientSampleId :
TP-7MS

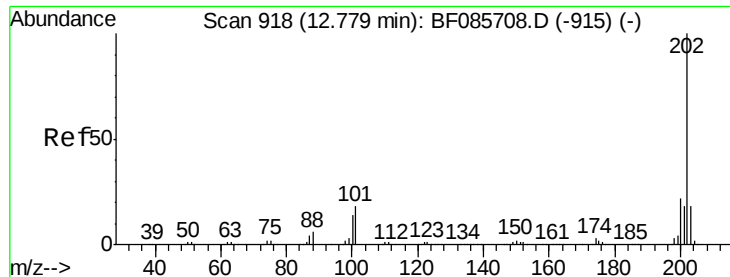
Tgt Ion: 240 Resp: 302642
Ion Ratio Lower Upper
240 100
120 13.6 13.8 20.8#
236 26.3 20.6 30.8



#76
Benzidine
Concen: 36.74 ng
RT: 12.67 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion: 184 Resp: 391626
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 11.5 9.4 14.2





#77

Pyrene

Concen: 37.93 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

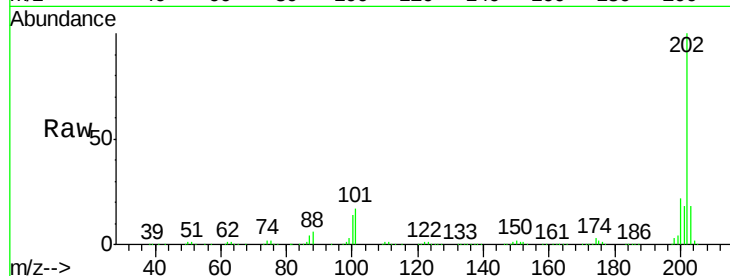
Tgt Ion:202 Resp: 943514

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

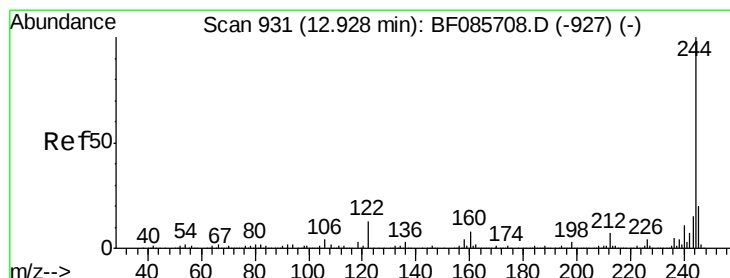
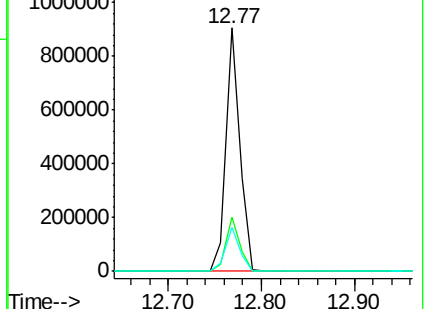
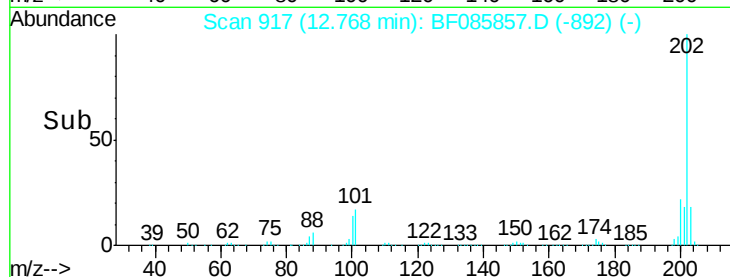
203 18.3 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.92 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

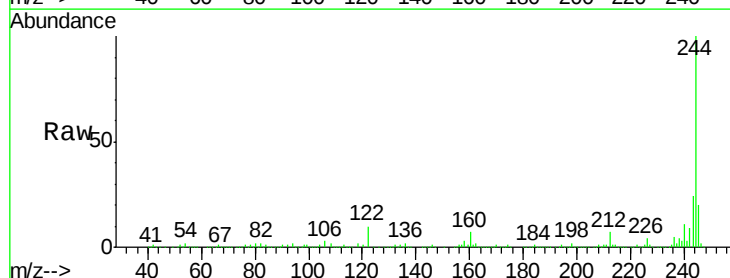
Tgt Ion:244 Resp: 1058327

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

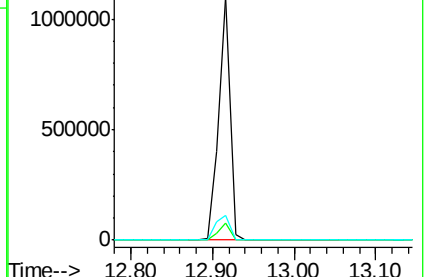
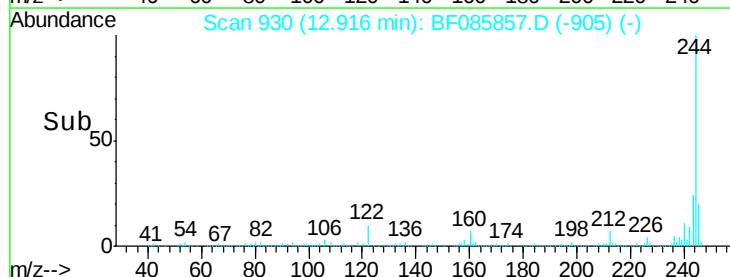
122 10.1 10.2 15.4#

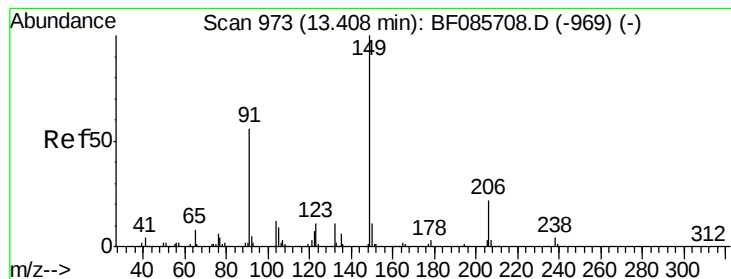


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.36 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

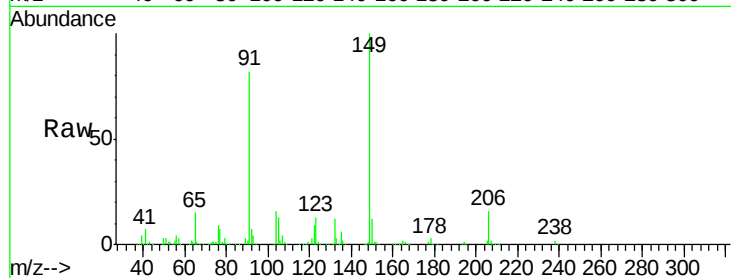
Tgt Ion:149 Resp: 420435

Ion Ratio Lower Upper

149 100

91 81.7 45.8 68.8#

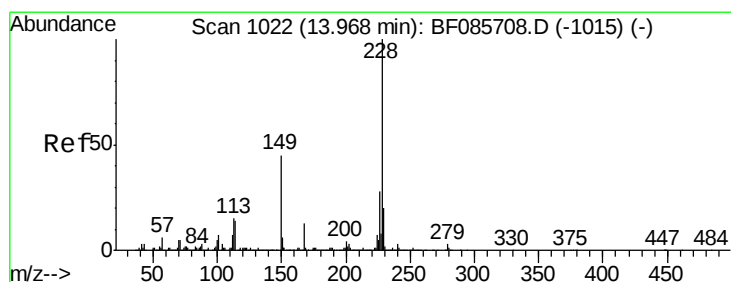
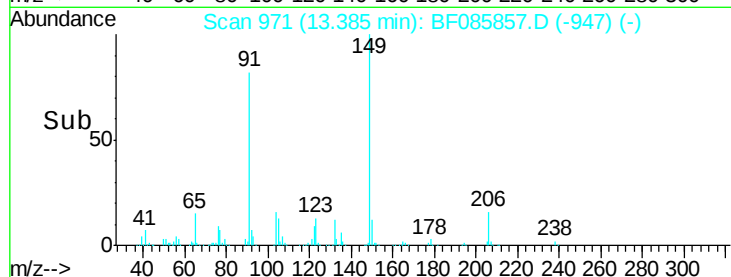
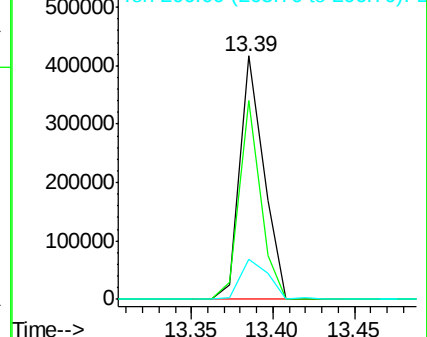
206 16.3 17.8 26.8#



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: 43.99 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

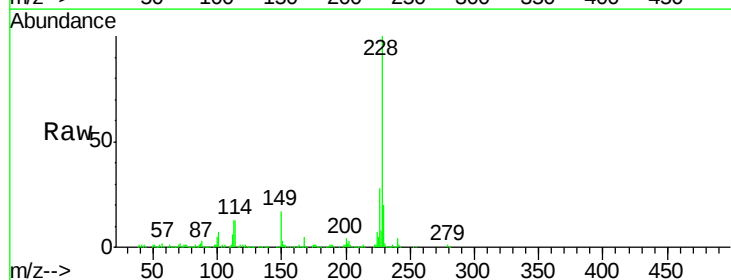
Tgt Ion:228 Resp: 759046

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

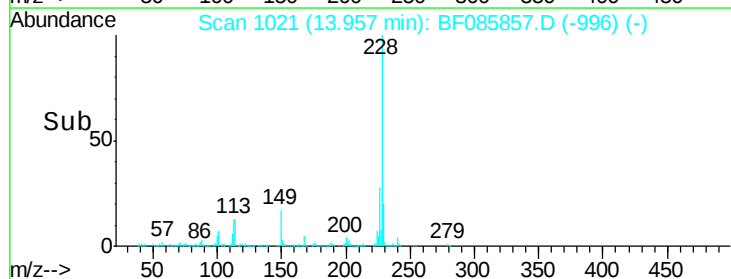
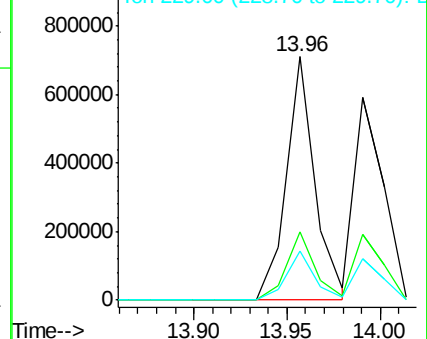
229 20.1 16.2 24.4



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

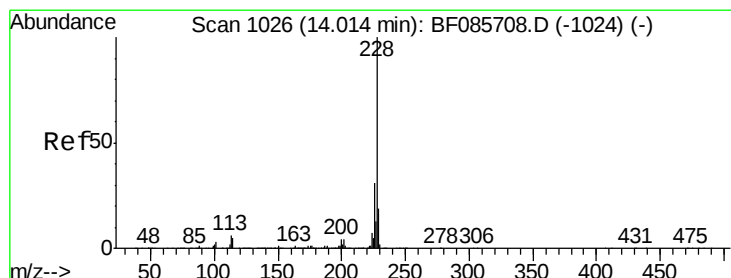
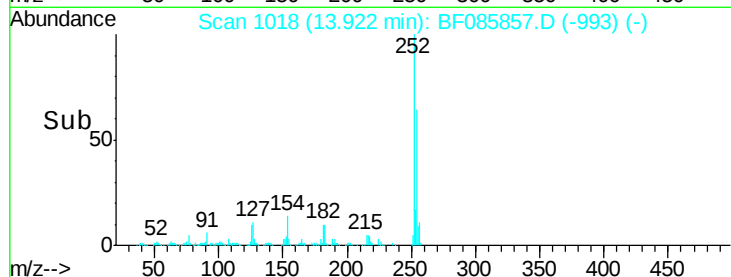
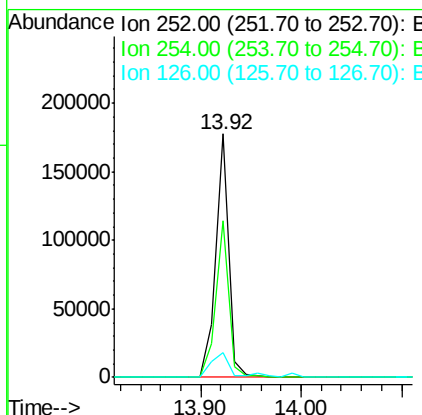
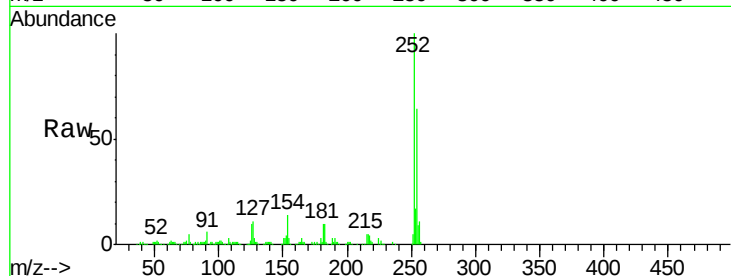




#81
 3,3'-Dichlorobenzidine
 Concen: 13.40 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

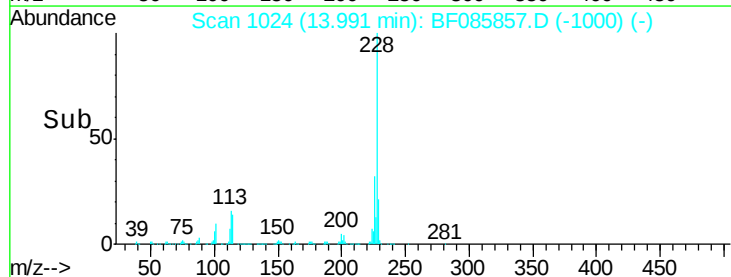
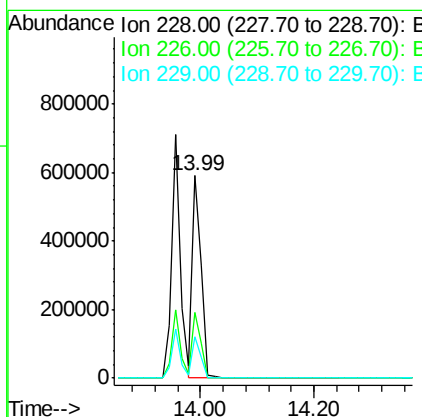
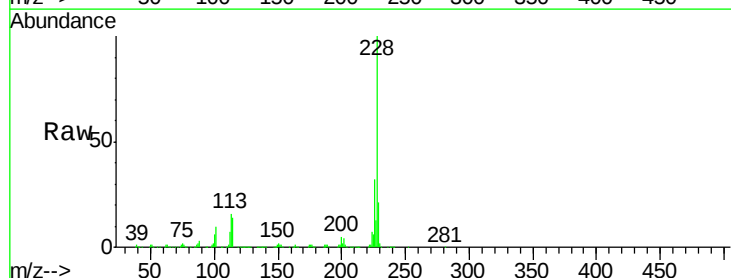
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

Tgt Ion:252 Resp: 160543
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 10.4 11.8 17.6#



#82
 Chrysene
 Concen: 37.56 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:228 Resp: 652934
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.7 15.7 23.5

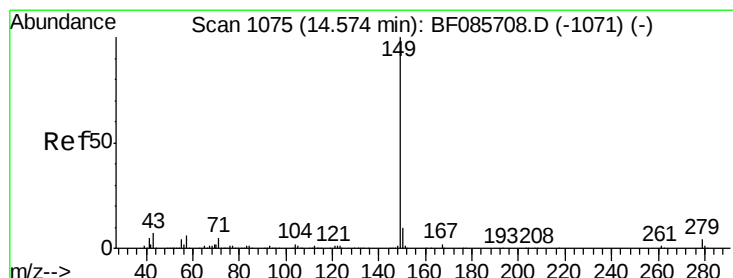
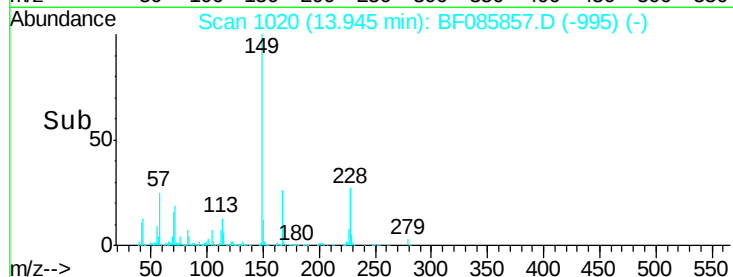
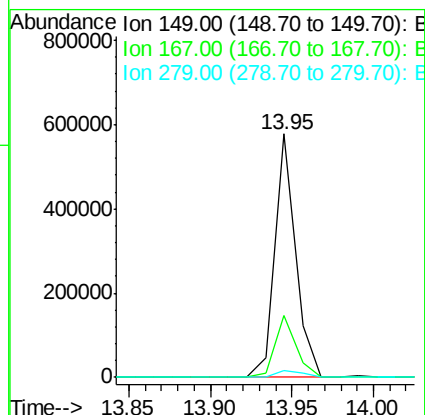
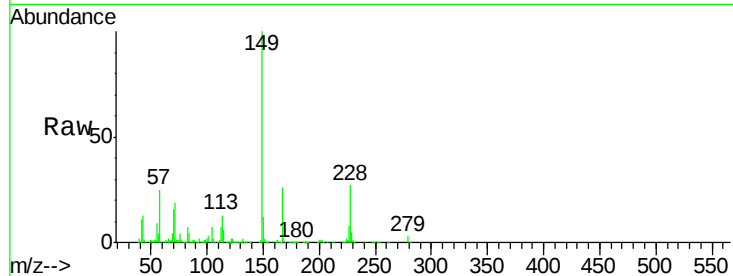




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.26 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

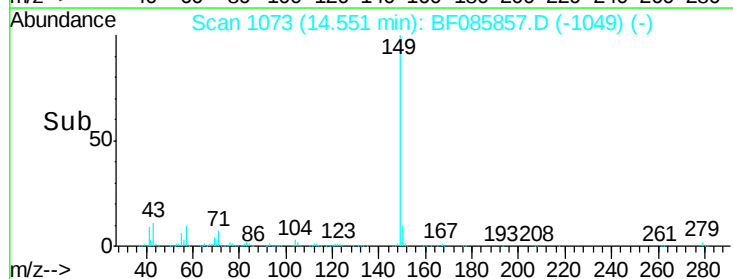
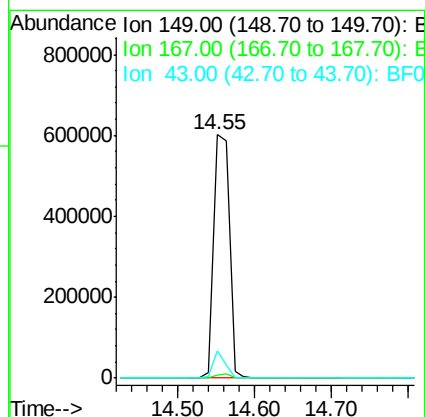
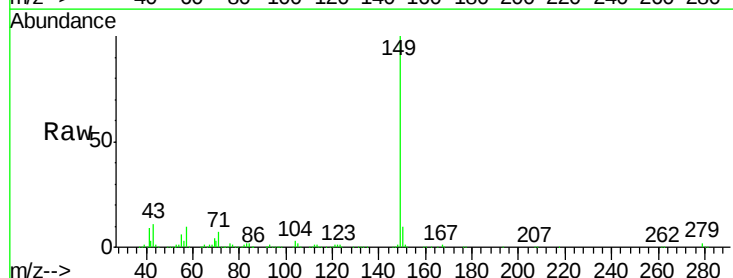
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MS

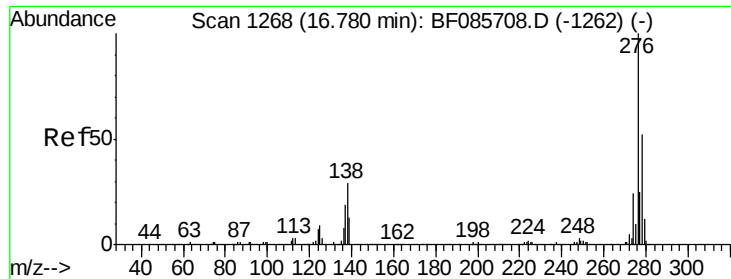
Tgt Ion:149 Resp: 514729
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.4 29.2
 279 2.6 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF085857.D
 Acq: 29 Mar 2016 19:08

Tgt Ion:149 Resp: 844807
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.5 7.1 10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.93 ng

RT: 16.77 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

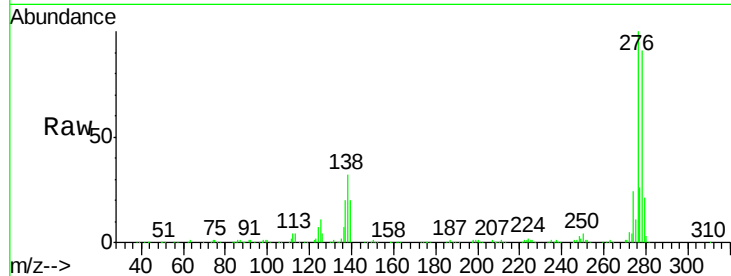
Tgt Ion:276 Resp: 616435

Ion Ratio Lower Upper

276 100

138 29.5 24.2 36.4

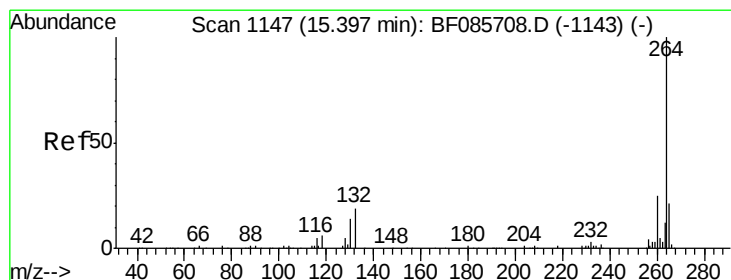
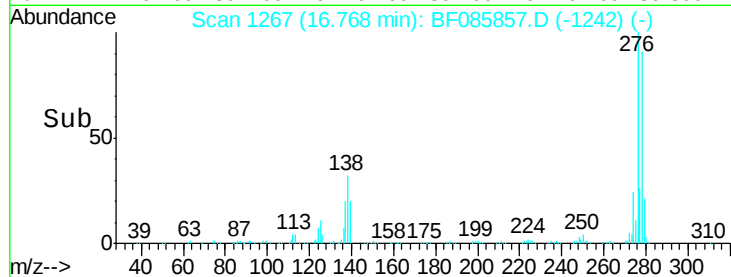
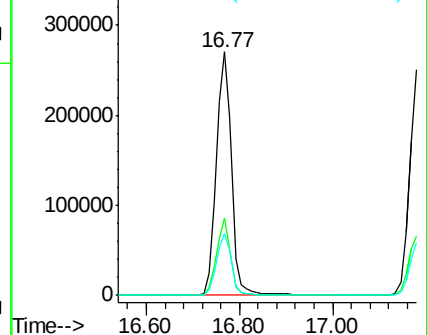
277 25.0 20.0 30.0



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: 15.39 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

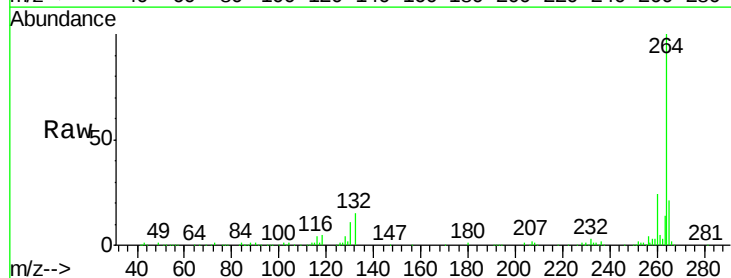
Tgt Ion:264 Resp: 211711

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

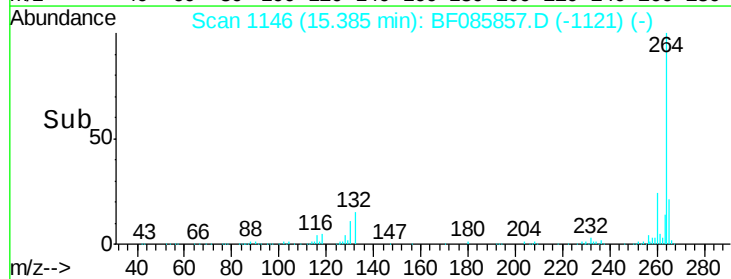
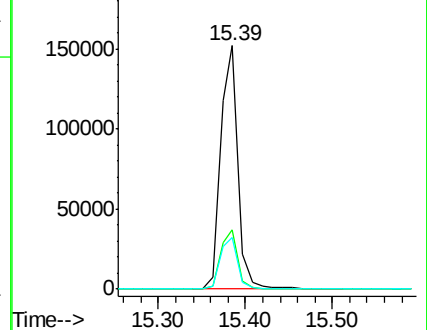
265 21.3 17.2 25.8

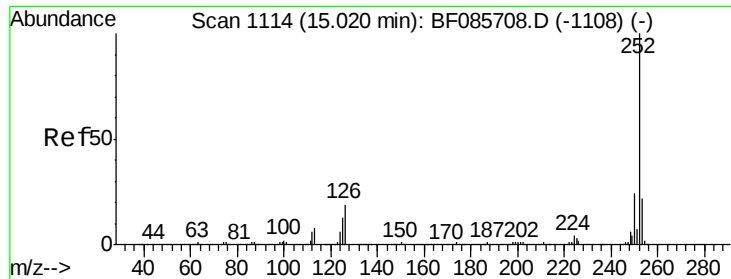


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 90.76 ng

RT: 15.01 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

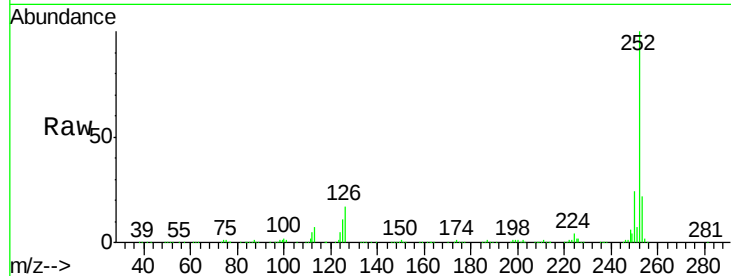
Tgt Ion:252 Resp: 1210476

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

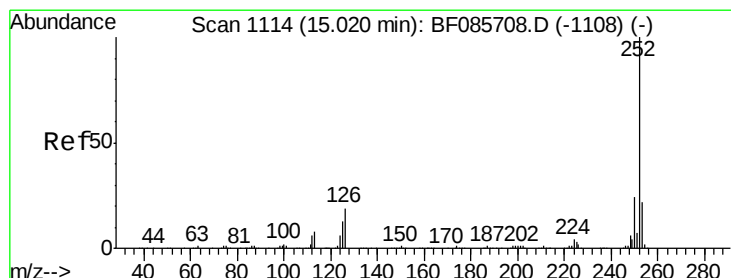
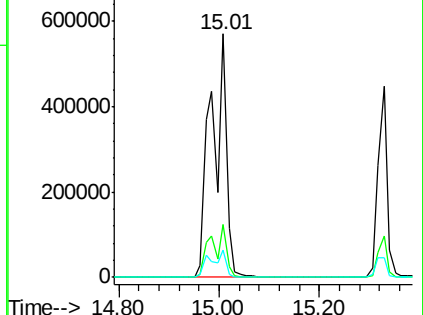
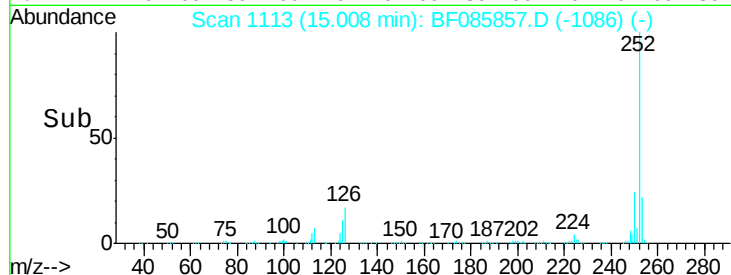
125 11.3 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.68 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

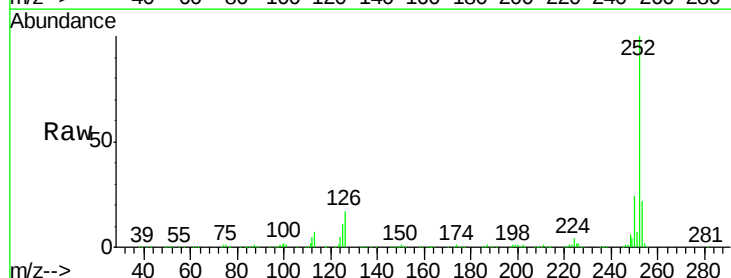
Tgt Ion:252 Resp: 1210476

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

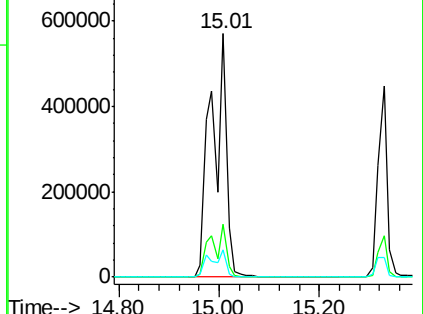
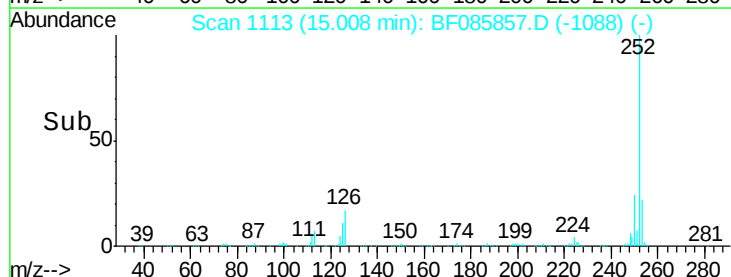
125 11.3 7.7 11.5

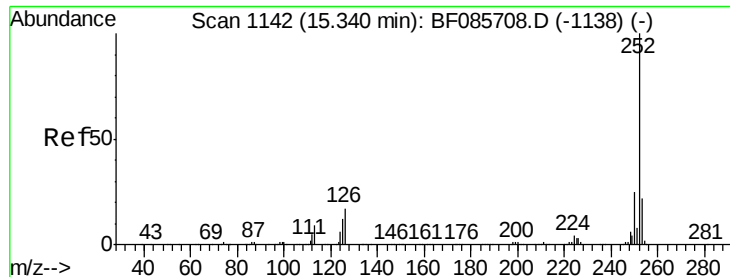


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

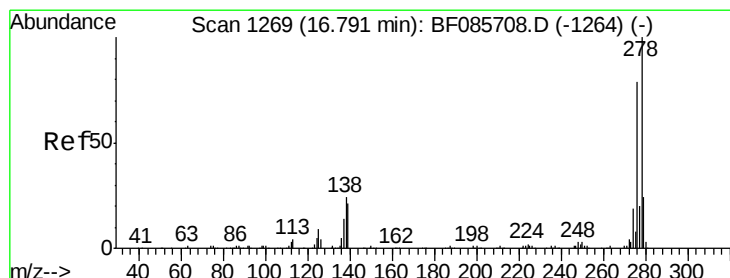
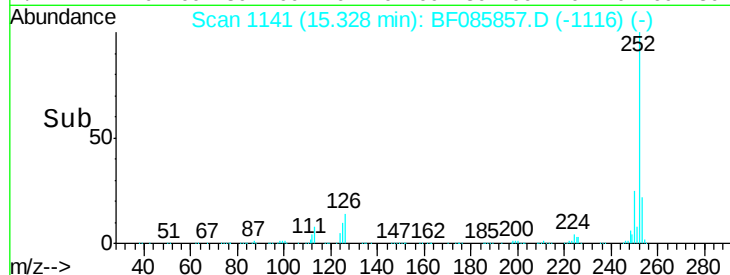
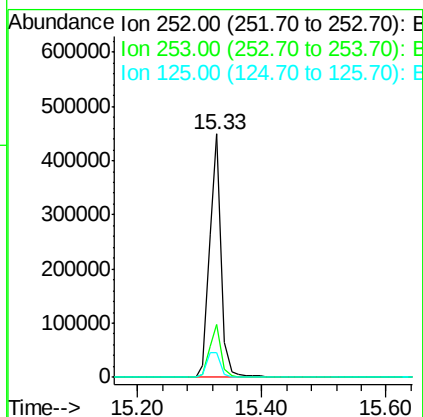
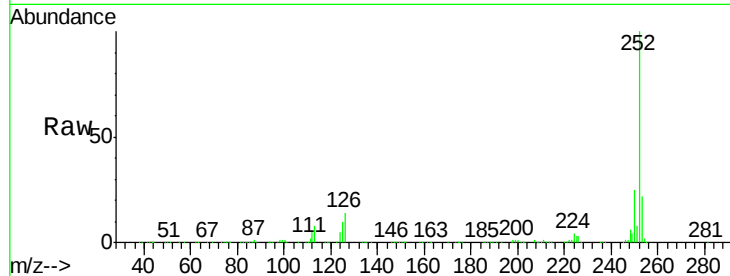




#89
Benzo(a)pyrene
Concen: 47.85 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

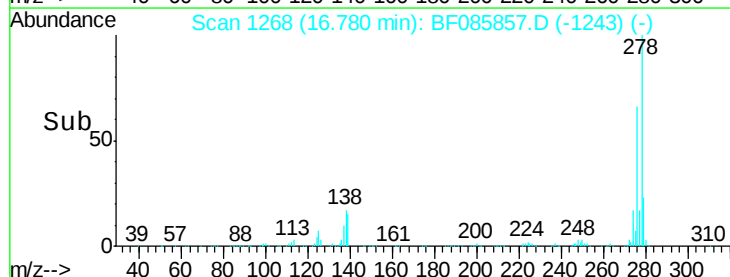
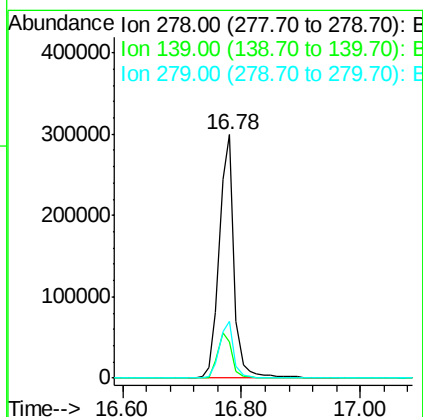
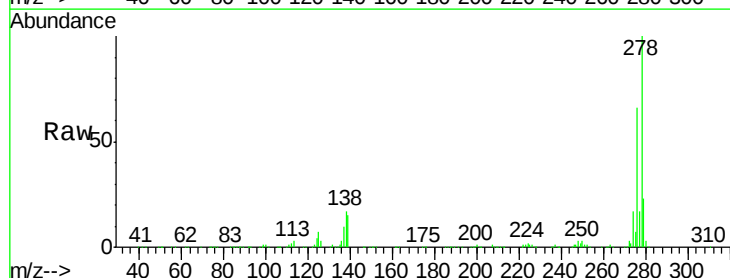
Instrument :
BNA_F
ClientSampleId :
TP-7MS

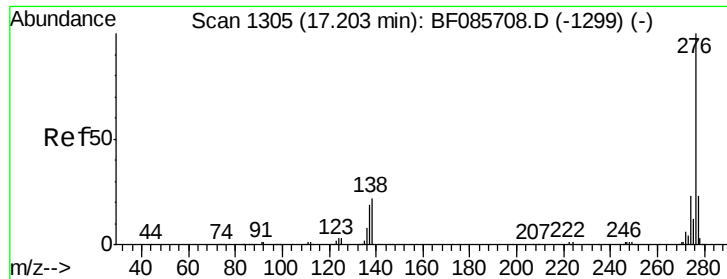
Tgt Ion: 252 Resp: 566628
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.2 10.3 15.5#



#90
Dibenzo(a,h)anthracene
Concen: 47.28 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085857.D
Acq: 29 Mar 2016 19:08

Tgt Ion: 278 Resp: 520178
Ion Ratio Lower Upper
278 100
139 14.9 14.4 21.6
279 23.4 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 46.55 ng

RT: 17.18 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF085857.D

Acq: 29 Mar 2016 19:08

Instrument :

BNA_F

ClientSampleId :

TP-7MS

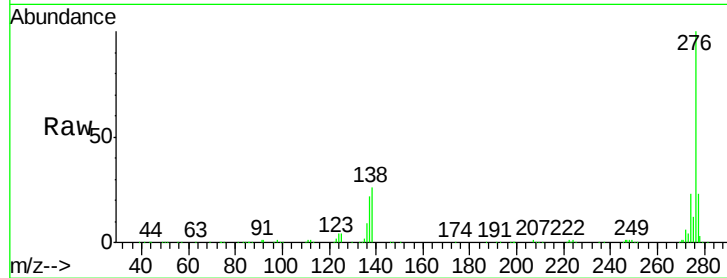
Tgt Ion:276 Resp: 518644

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

