

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085388.D
 Acq On : 11 Mar 2016 22:52
 Operator : UM/SJ
 Sample : H1758-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Quant Time: Mar 11 23:39:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	147771	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	569482	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	255522	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	409857	20.00	ng	-0.05
75) Chrysene-d12	14.12	240	192396	20.00	ng	-0.03
86) Perylene-d12	15.58	264	210682	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1334509	151.48	ng	-0.03
7) Phenol-d6	6.57	99	1544502	133.82	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1119414	105.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	404132	184.84	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1559981	92.85	ng	-0.05
78) Terphenyl-d14	13.05	244	1080953	130.43	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	193306	42.91	ng	96
3) Pyridine	3.41	79	538586	47.77	ng	99
4) n-Nitrosodimethylamine	3.36	42	253819	52.60	ng	95
6) Aniline	6.61	93	665803	41.16	ng	95
8) 2-Chlorophenol	6.72	128	471389	44.45	ng	95
9) Benzaldehyde	6.48	77	133422	21.47	ng	97
10) Phenol	6.58	94	580480	46.96	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	469565	45.73	ng	98
12) 1,3-Dichlorobenzene	6.88	146	541119	47.52	ng	98
13) 1,4-Dichlorobenzene	6.95	146	509523	44.65	ng	98
14) 1,2-Dichlorobenzene	7.11	146	499142	48.21	ng	99
15) Benzyl Alcohol	7.08	79	449753	53.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	626233	42.31	ng	99
17) 2-Methylphenol	7.19	107	417383	48.23	ng	97
18) Hexachloroethane	7.45	117	191922	45.59	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	375734	49.95	ng	97
20) 3+4-Methylphenols	7.35	107	516087	50.35	ng	# 84
22) Acetophenone	7.35	105	608920	43.81	ng	# 93
24) Nitrobenzene	7.52	77	478362	44.25	ng	98
25) Isophorone	7.76	82	985976	49.99	ng	100
26) 2-Nitrophenol	7.84	139	293220	55.74	ng	# 84
27) 2,4-Dimethylphenol	7.88	122	437454	45.50	ng	94
28) bis(2-Chloroethoxy)methane	7.98	93	638462	58.13	ng	98
29) 2,4-Dichlorophenol	8.08	162	425611	54.89	ng	91
30) 1,2,4-Trichlorobenzene	8.16	180	430182	51.31	ng	98
31) Naphthalene	8.25	128	1453249	51.90	ng	98
32) Benzoic acid	7.94	122	40973	6.42	ng	98
33) 4-Chloroaniline	8.30	127	398716	35.20	ng	# 88
34) Hexachlorobutadiene	8.37	225	237064	54.35	ng	98
35) Caprolactam	8.68	113	104410	41.23	ng	# 74
36) 4-Chloro-3-methylphenol	8.78	107	438272	49.82	ng	100
37) 2-Methylnaphthalene	8.94	142	857553	47.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	402239	55.04	ng	98
40) Hexachlorocyclopentadiene	9.10	237	254788	64.64	ng	99

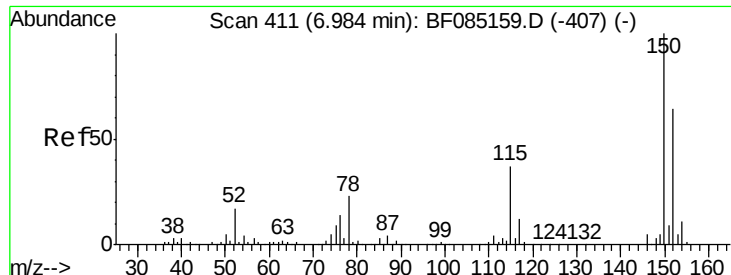
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	294673	54.17	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	298190	57.81	ng	97
45) 1,1'-Biphenyl	9.41	154	1153261	52.83	ng	96
46) 2-Chloronaphthalene	9.43	162	852836	51.25	ng	94
47) 2-Nitroaniline	9.52	65	263952	51.19	ng	93
48) Acenaphthylene	9.84	152	1339911	51.74	ng	99
49) Dimethylphthalate	9.70	163	1145570	58.41	ng	98
50) 2,6-Dinitrotoluene	9.77	165	244033	58.16	ng	# 69
51) Acenaphthene	10.01	154	833573	53.01	ng	99
52) 3-Nitroaniline	9.93	138	194871	38.82	ng	83
53) 2,4-Dinitrophenol	10.04	184	52210	30.09	ng	# 62
54) Dibenzofuran	10.18	168	1168970	56.74	ng	98
55) 4-Nitrophenol	10.09	139	380704	96.51	ng	# 73
56) 2,4-Dinitrotoluene	10.17	165	311073	57.93	ng	94
57) Fluorene	10.54	166	852075	52.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	227910	62.90	ng	94
59) Diethylphthalate	10.40	149	976453	51.31	ng	95
60) 4-Chlorophenyl-phenylether	10.53	204	435827	55.35	ng	# 84
61) 4-Nitroaniline	10.55	138	217408	46.31	ng	98
62) Azobenzene	10.69	77	1083229	57.77	ng	90
64) 4,6-Dinitro-2-methylphenol	10.58	198	76974	31.37	ng	80
65) n-Nitrosodiphenylamine	10.64	169	724958	56.87	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	248016	62.32	ng	# 82
67) Hexachlorobenzene	11.09	284	238860	56.26	ng	# 83
68) Atrazine	11.17	200	220470	62.19	ng	99
69) Pentachlorophenol	11.27	266	238156	101.06	ng	100
70) Phenanthrene	11.50	178	1248676	58.13	ng	98
71) Anthracene	11.54	178	1119364	49.09	ng	99
72) Carbazole	11.69	167	1060416	53.04	ng	98
73) Di-n-butylphthalate	12.02	149	1326312	52.48	ng	100
74) Fluoranthene	12.68	202	994699	46.15	ng	95
76) Benzidine	12.80	184	740390	129.30	ng	99
77) Pyrene	12.92	202	1030706	71.18	ng	98
79) Butylbenzylphthalate	13.52	149	345111	52.52	ng	98
80) Benzo(a)anthracene	14.11	228	625655	54.32	ng	98
81) 3,3'-Dichlorobenzidine	14.06	252	182190	50.14	ng	98
82) Chrysene	14.14	228	616491	57.94	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	459446	53.14	ng	98
84) Di-n-octyl phthalate	14.70	149	792336	60.17	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	646913	77.91	ng	96
87) Benzo(b)fluoranthene	15.18	252	1243174	88.53	ng	97
88) Benzo(k)fluoranthene	15.18	252	1243781	109.81	ng	98
89) Benzo(a)pyrene	15.51	252	623907	53.61	ng	# 96
90) Dibenzo(a,h)anthracene	17.07	278	554619	55.83	ng	# 94
91) Benzo(g,h,i)perylene	17.49	276	513055	51.37	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

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POST-EX-19-20160310MS

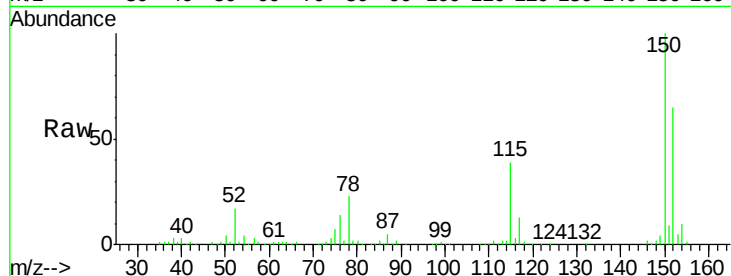
Tgt Ion:152 Resp: 147771

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

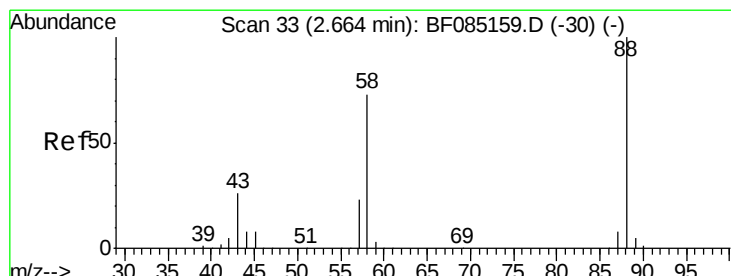
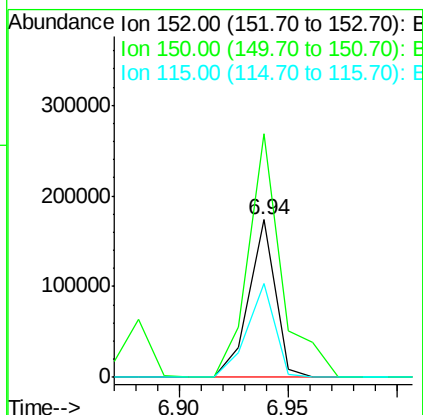
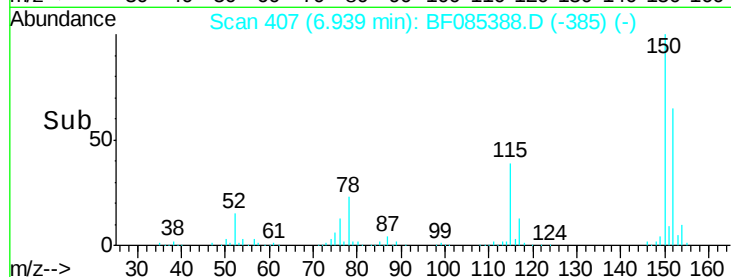
115 59.8 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.91 ng

RT: 2.65 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

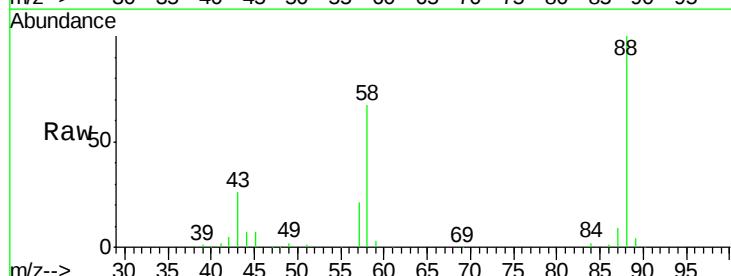
Tgt Ion: 88 Resp: 193306

Ion Ratio Lower Upper

88 100

58 67.6 57.0 85.6

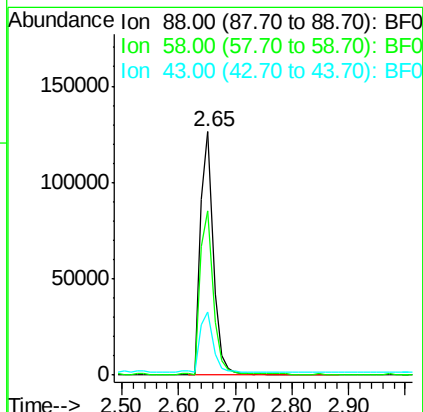
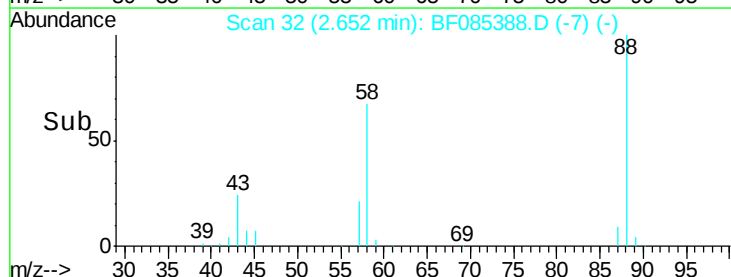
43 24.6 20.5 30.7

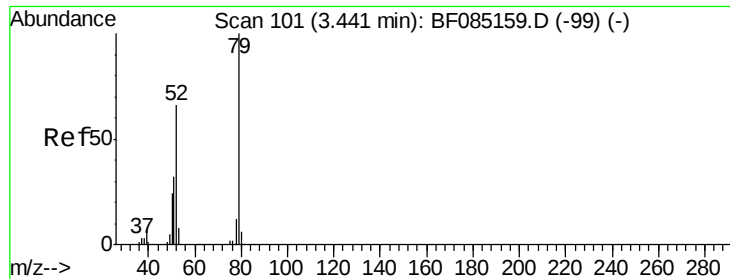


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.77 ng

RT: 3.41 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

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ClientSampleId :

POST-EX-19-20160310MS

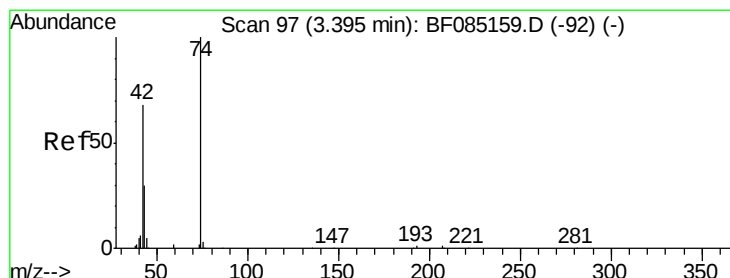
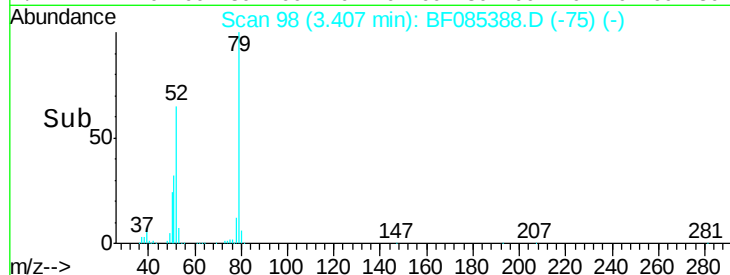
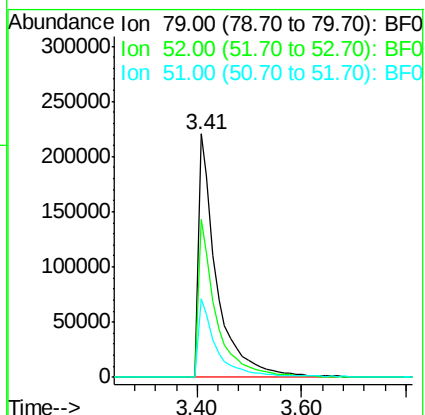
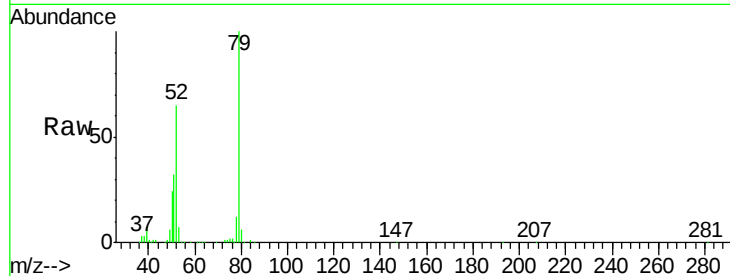
Tgt Ion: 79 Resp: 538586

Ion Ratio Lower Upper

79 100

52 64.9 52.6 79.0

51 32.2 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 52.60 ng

RT: 3.36 min Scan# 94

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

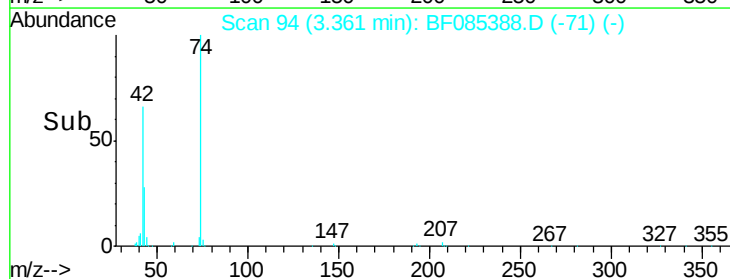
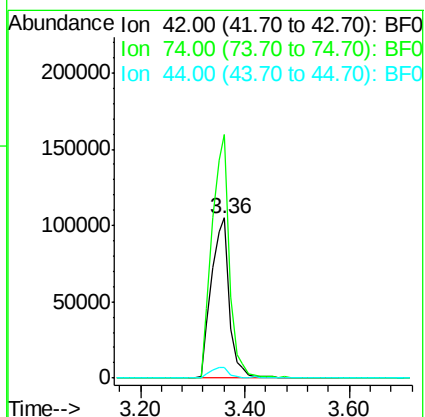
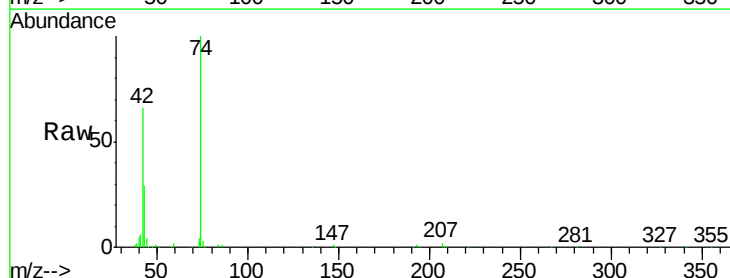
Tgt Ion: 42 Resp: 253819

Ion Ratio Lower Upper

42 100

74 152.0 116.8 175.2

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 151.48 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

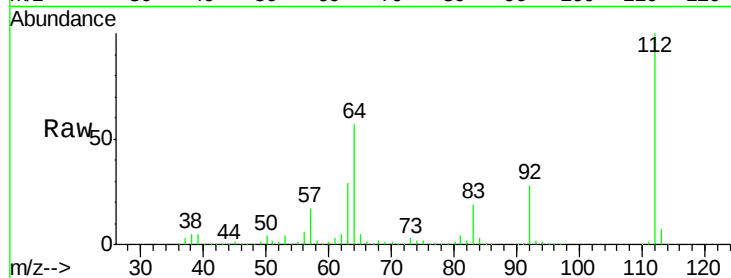
Tgt Ion: 112 Resp: 1334509

Ion Ratio Lower Upper

112 100

64 56.8 49.0 73.4

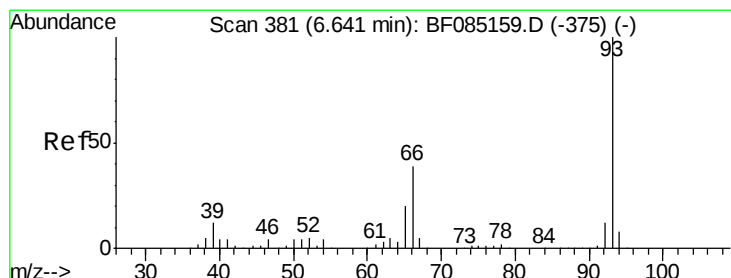
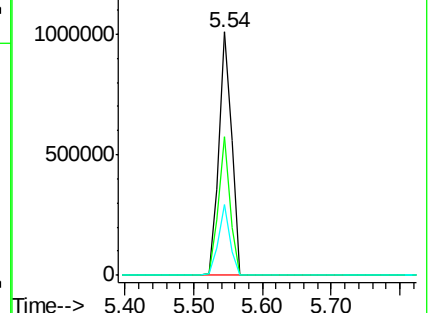
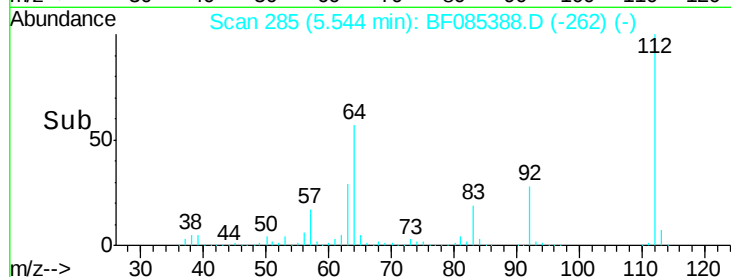
63 28.9 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.16 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

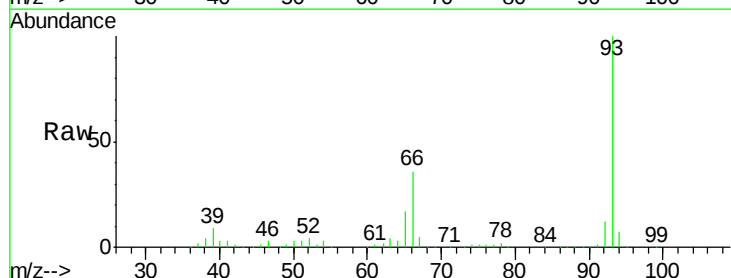
Tgt Ion: 93 Resp: 665803

Ion Ratio Lower Upper

93 100

66 36.1 31.6 47.4

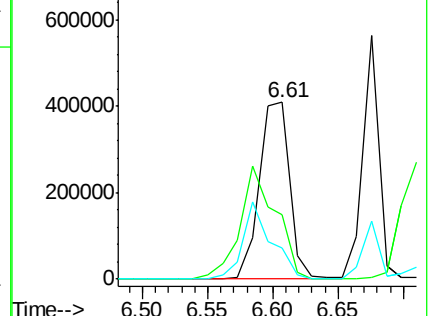
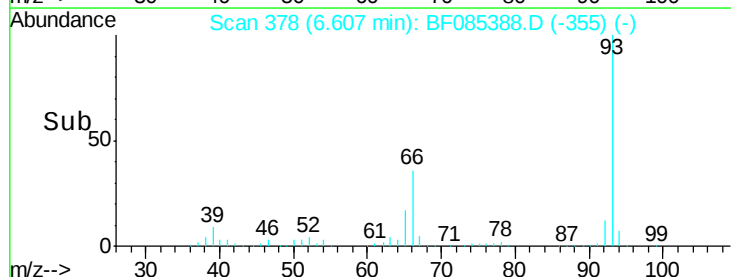
65 17.5 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.82 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

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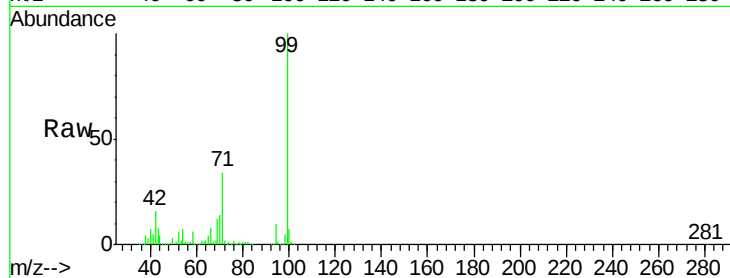
Tgt Ion: 99 Resp: 1544502

Ion Ratio Lower Upper

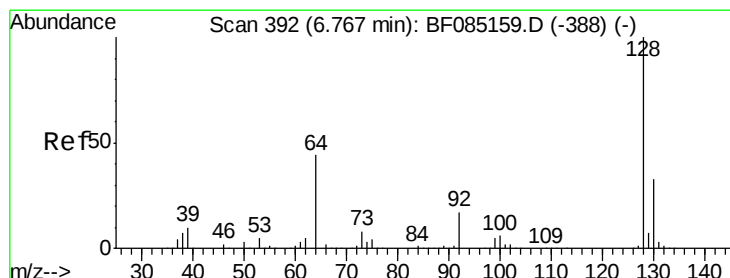
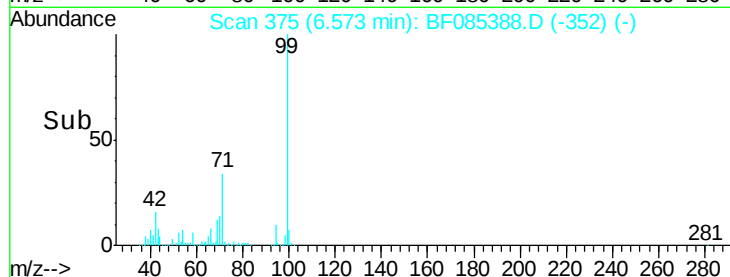
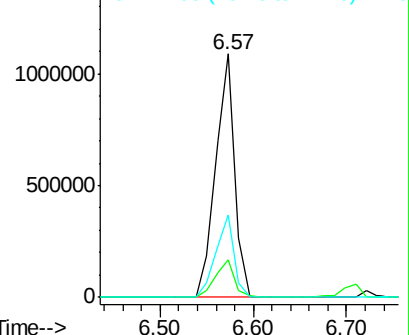
99 100

42 15.7 13.6 20.4

71 34.1 26.7 40.1



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



#8

2-Chlorophenol

Concen: 44.45 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

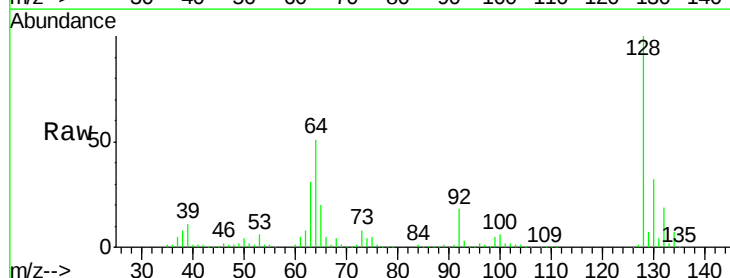
Tgt Ion: 128 Resp: 471389

Ion Ratio Lower Upper

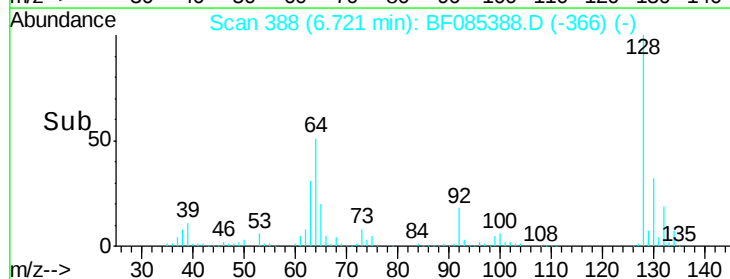
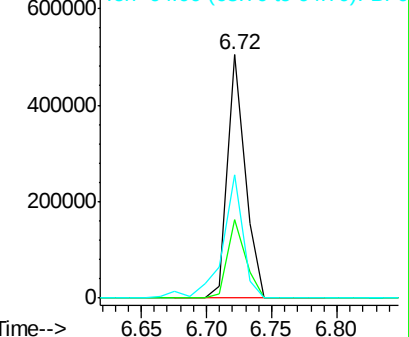
128 100

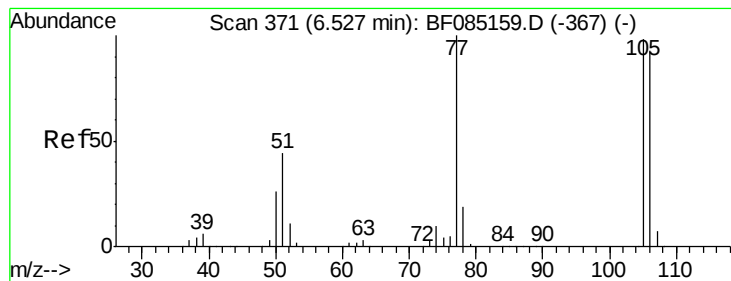
130 32.4 13.3 53.3

64 50.8 25.7 65.7



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





#9

Benzaldehyde

Concen: 21.47 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085388.D

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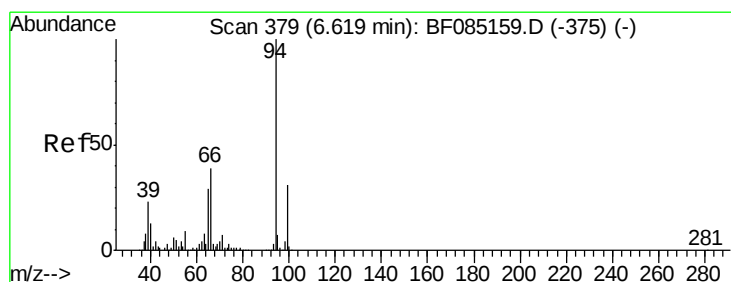
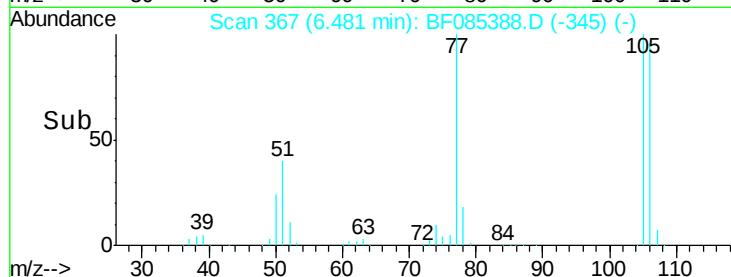
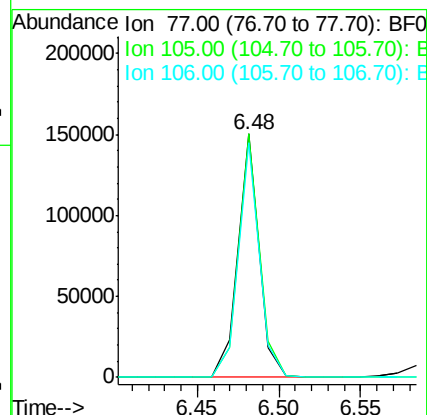
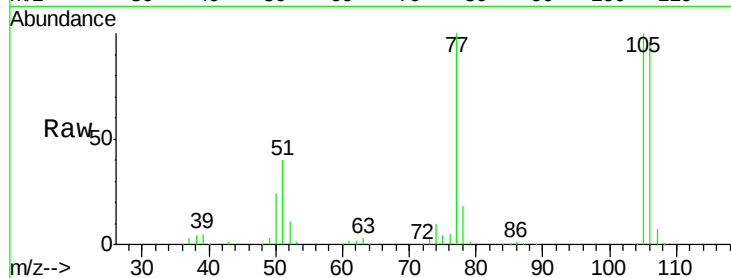
Tgt Ion: 77 Resp: 133422

Ion Ratio Lower Upper

77 100

105 99.9 78.2 118.2

106 96.4 72.9 112.9



#10

Phenol

Concen: 46.96 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

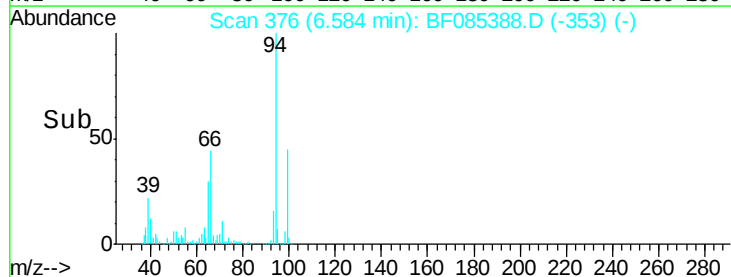
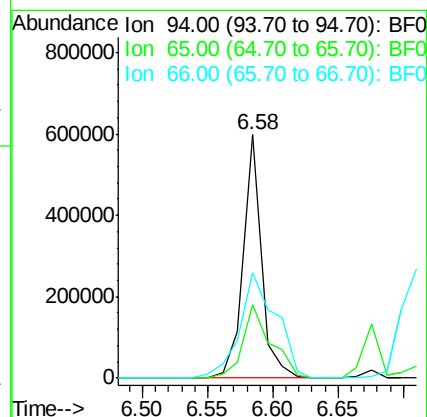
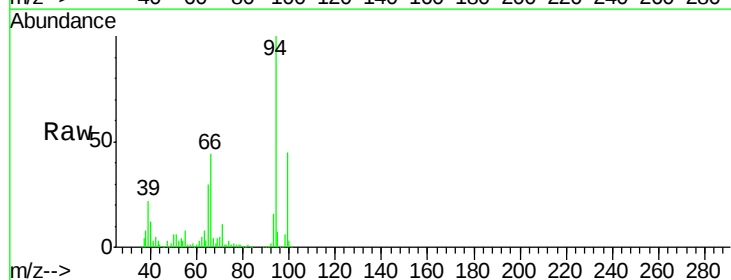
Tgt Ion: 94 Resp: 580480

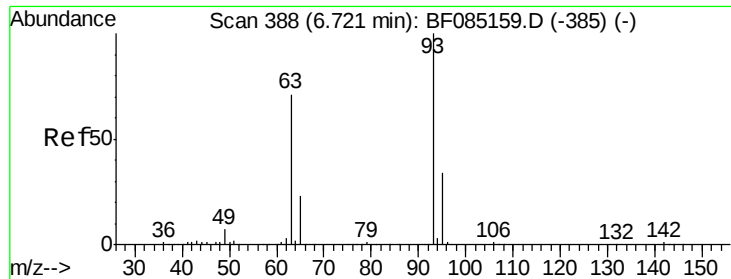
Ion Ratio Lower Upper

94 100

65 30.0 9.1 49.1

66 43.5 19.3 59.3

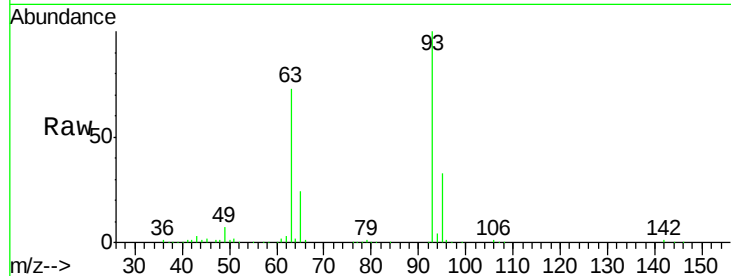




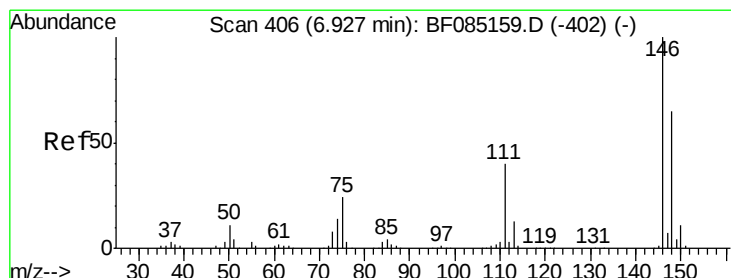
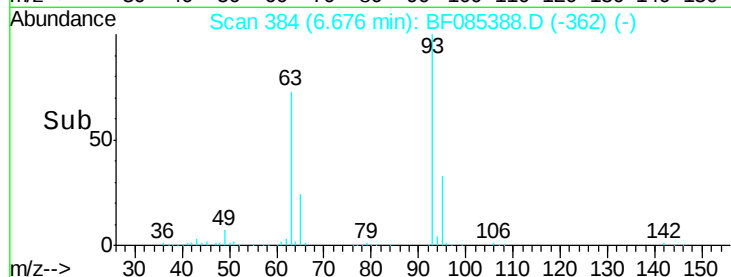
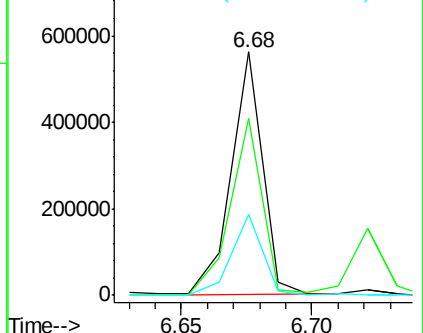
#11
bis(2-Chloroethyl)ether
Concen: 45.73 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:	93	Resp:	469565
Ion	Ratio	Lower	Upper
93	100		
63	72.7	50.9	90.9
95	33.3	13.7	53.7

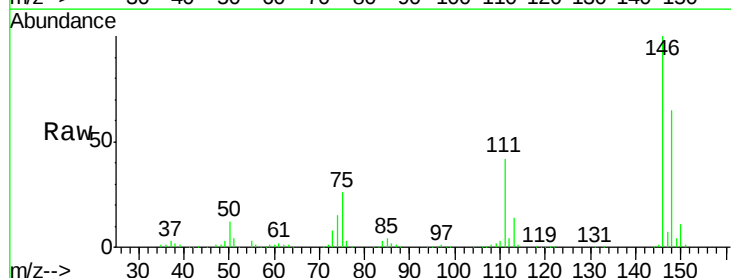


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

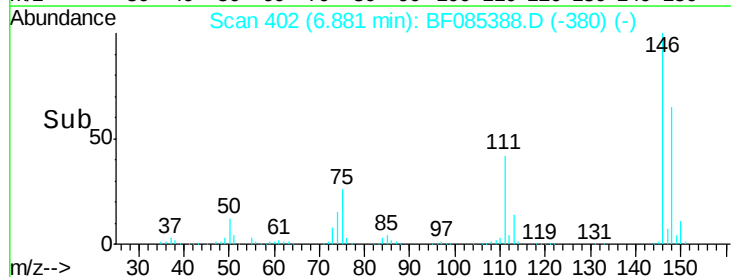
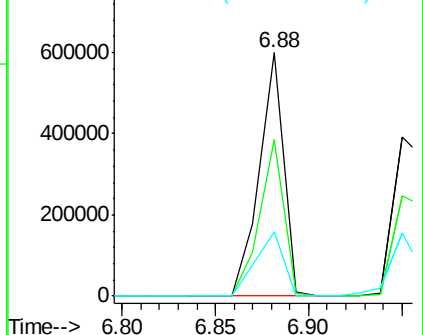


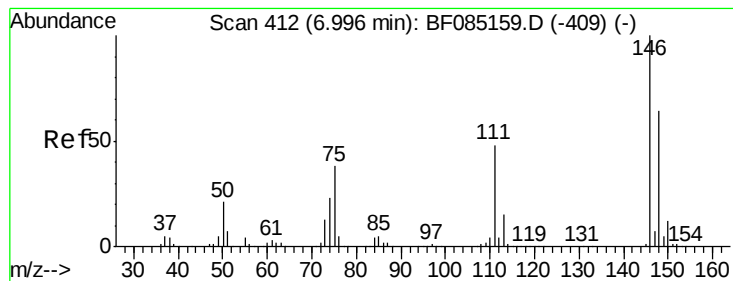
#12
1,3-Dichlorobenzene
Concen: 47.52 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:	146	Resp:	541119
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	26.3	19.5	29.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 44.65 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

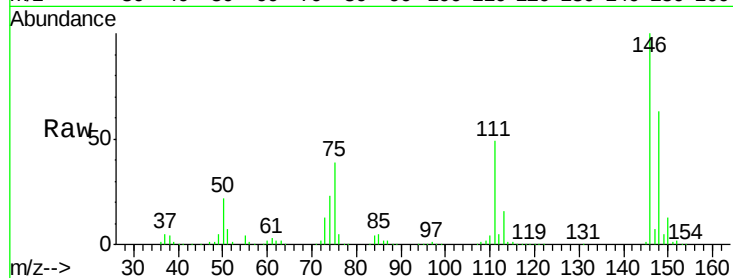
Tgt Ion:146 Resp: 509523

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

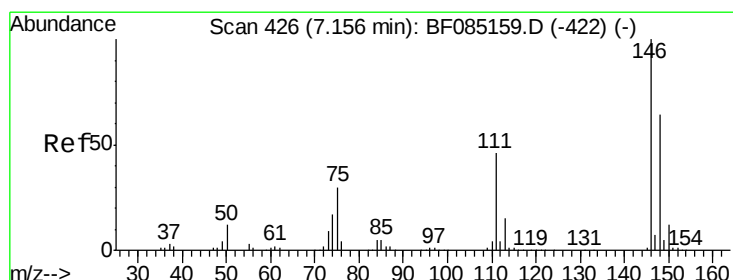
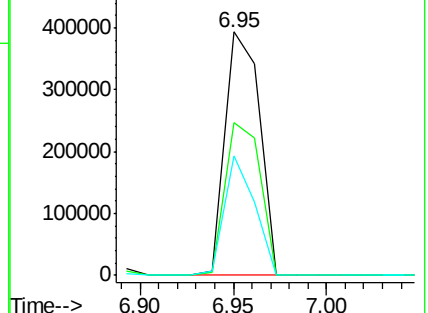
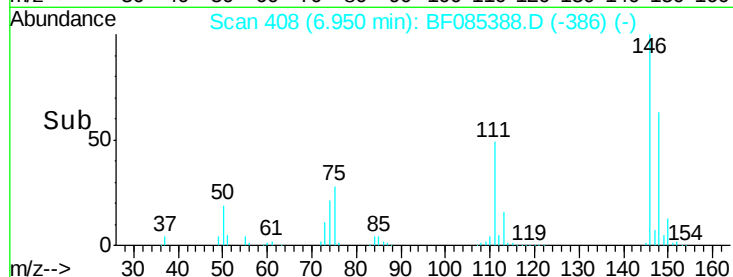
111 49.2 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.21 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

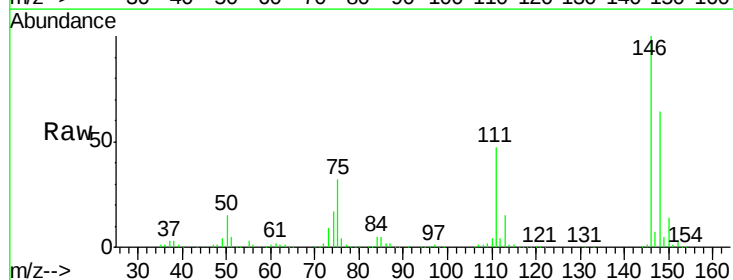
Tgt Ion:146 Resp: 499142

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

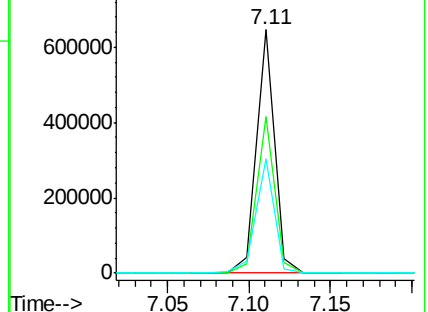
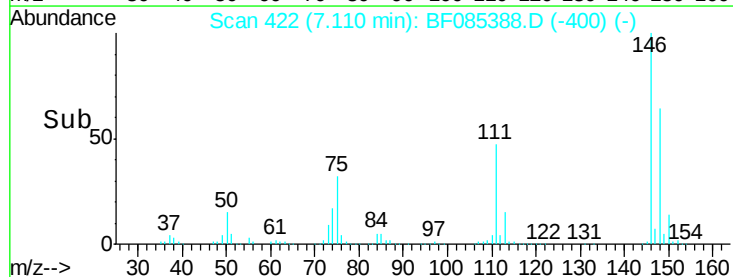
111 47.1 36.7 55.1

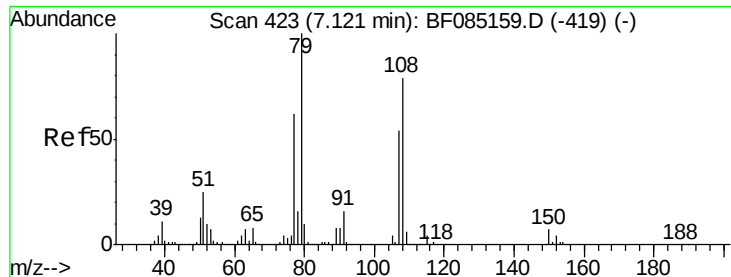


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.08 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

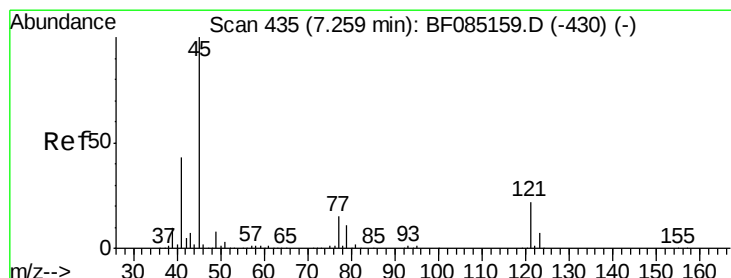
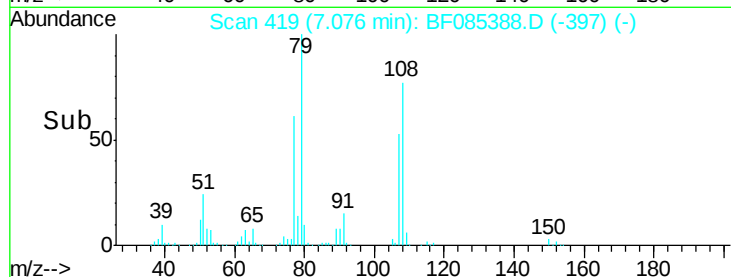
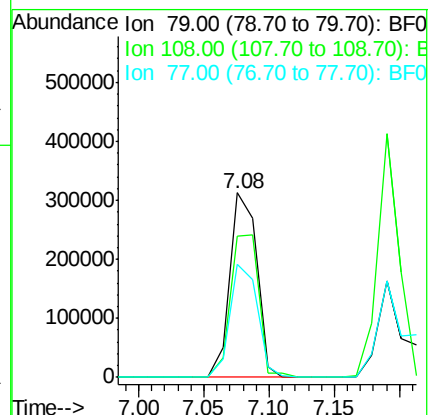
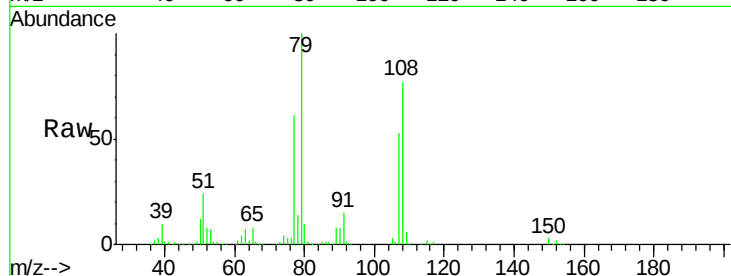
Tgt Ion: 79 Resp: 449753

Ion Ratio Lower Upper

79 100

108 76.6 62.9 94.3

77 61.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.31 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

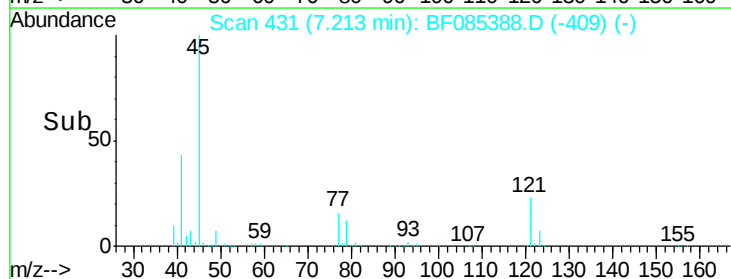
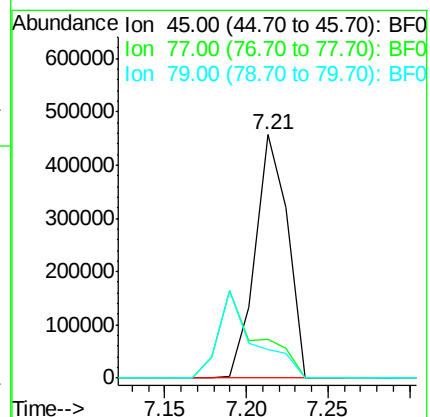
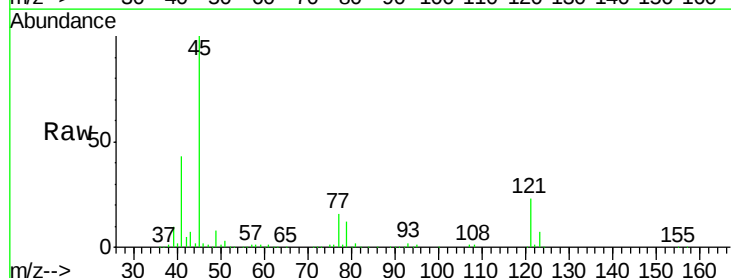
Tgt Ion: 45 Resp: 626233

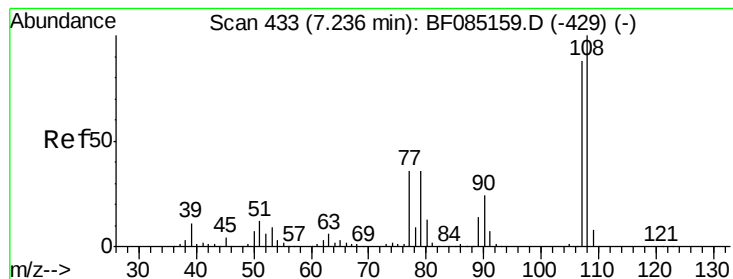
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.1

79 11.8 0.0 31.3





#17

2-Methylphenol

Concen: 48.23 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:107 Resp: 417383

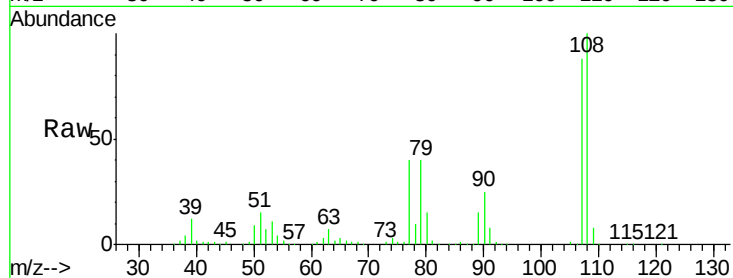
Ion Ratio Lower Upper

107 100

108 114.1 90.9 136.3

77 45.3 32.6 48.8

79 45.2 32.8 49.2

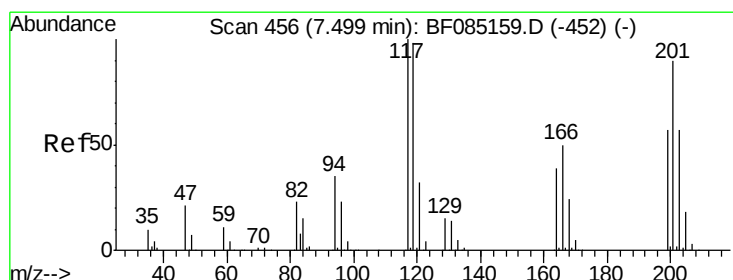
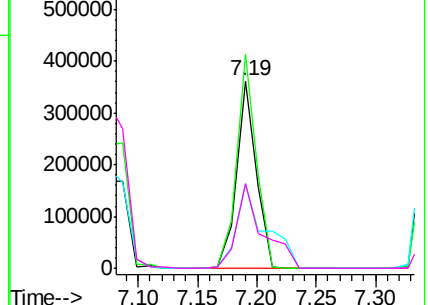
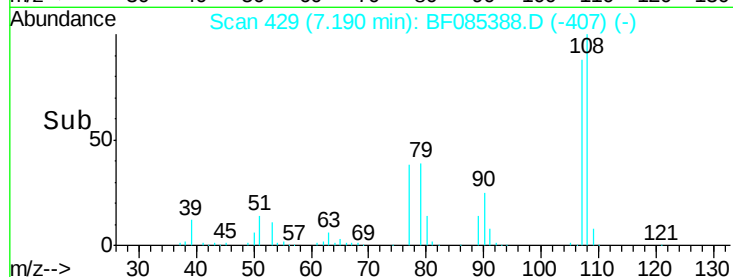


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.59 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

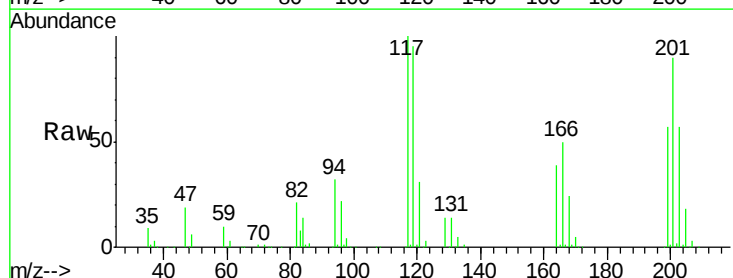
Tgt Ion:117 Resp: 191922

Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.4

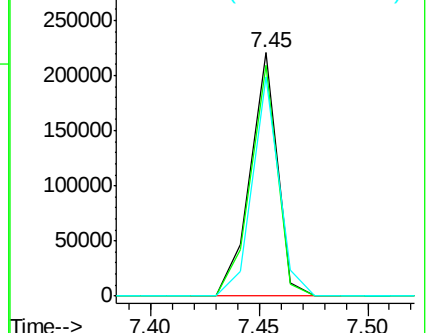
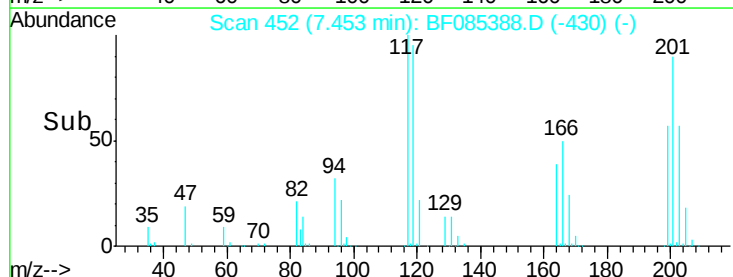
201 90.0 72.0 108.0

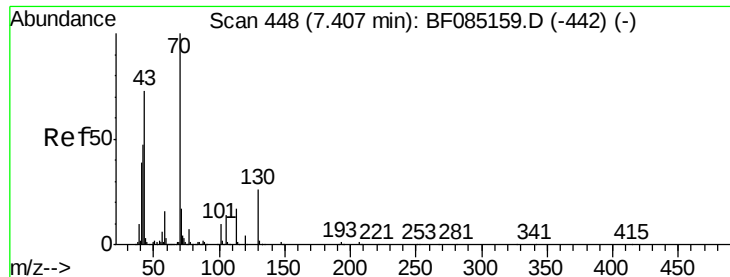


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

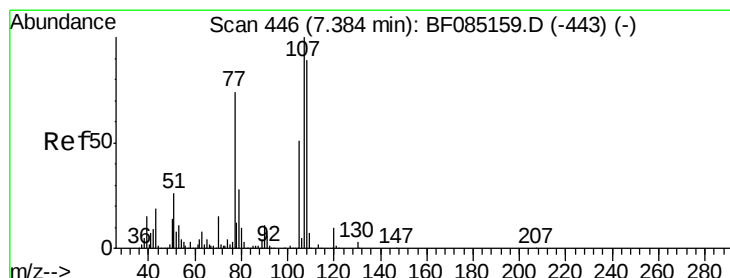
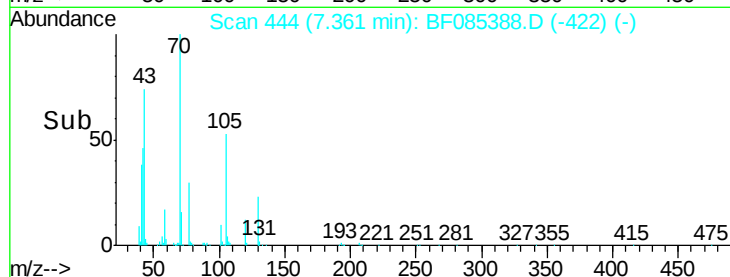
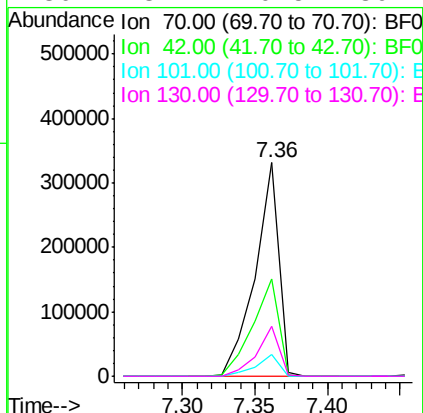
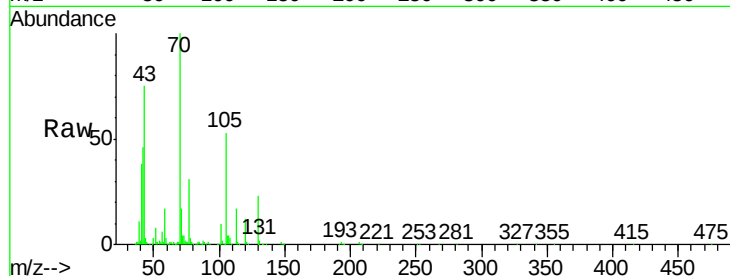




#19
n-Nitroso-di-n-propylamine
Concen: 49.95 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

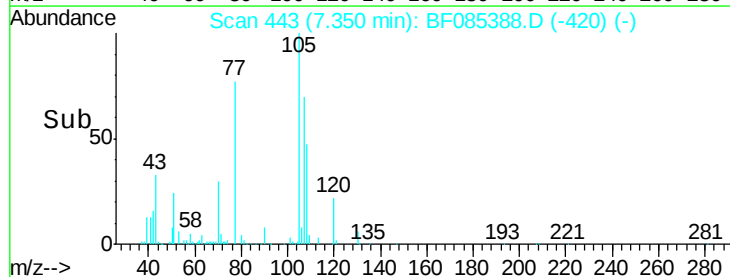
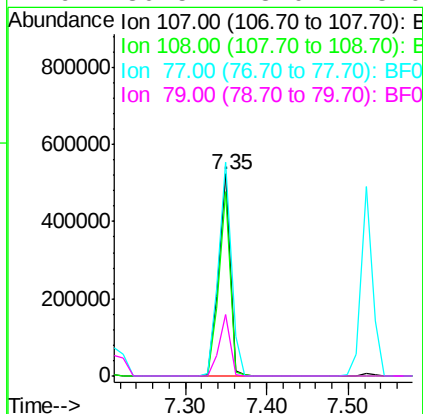
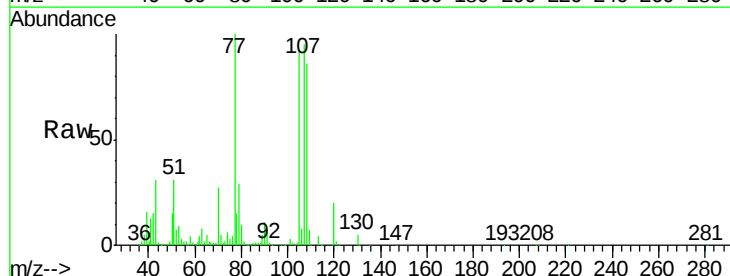
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

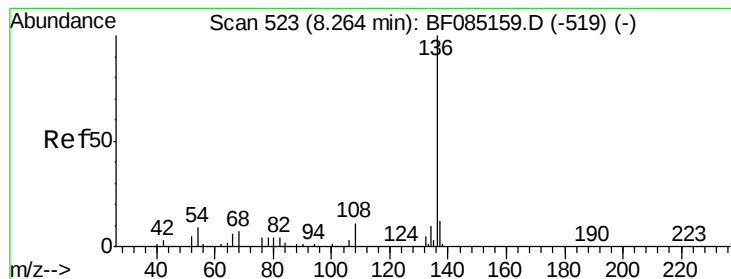
Tgt Ion:	70	Resp:	375734
Ion	Ratio	Lower	Upper
70	100		
42	45.6	37.7	56.5
101	10.2	8.2	12.4
130	23.2	20.5	30.7



#20
3+4-Methylphenols
Concen: 50.35 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:	107	Resp:	516087
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.8	108.8
77	105.6	53.6	93.6#
79	30.5	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:136 Resp: 569482

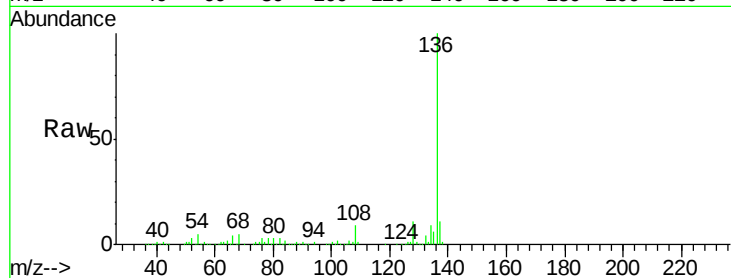
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.2 7.4 11.2#

68 4.6 6.0 9.0#

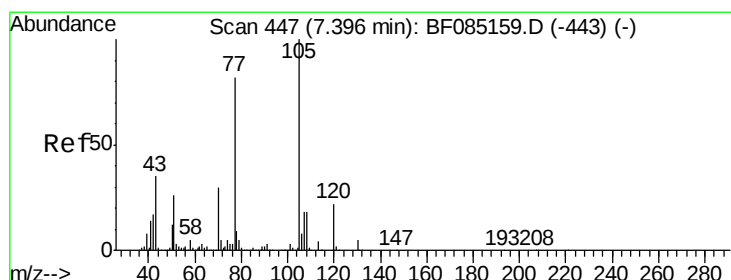
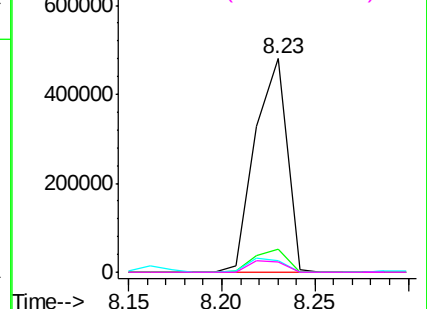
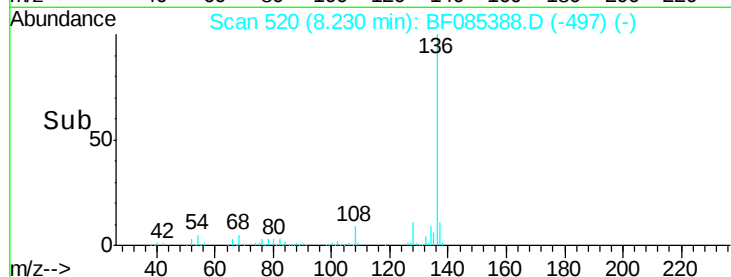


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.81 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:105 Resp: 608920

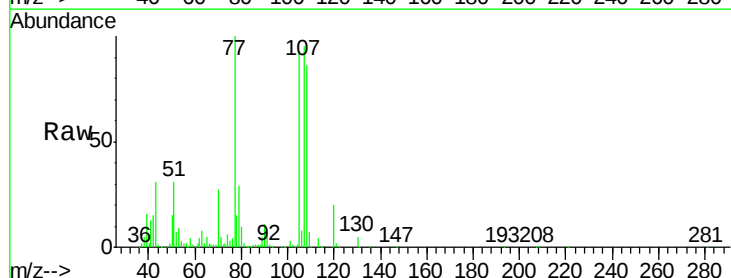
Ion Ratio Lower Upper

105 100

71 4.9 4.1 6.1

51 33.6 21.1 31.7#

120 21.4 17.3 25.9

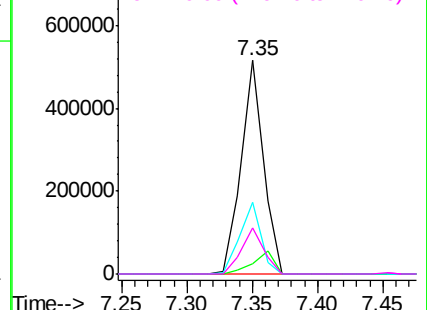
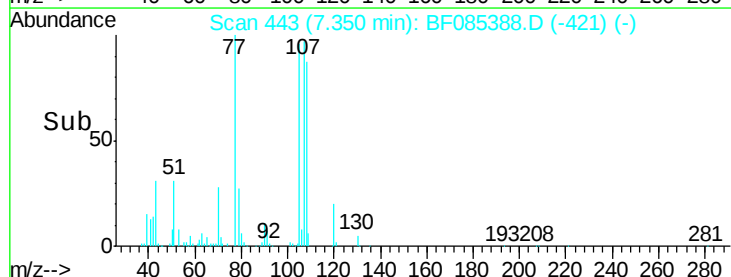


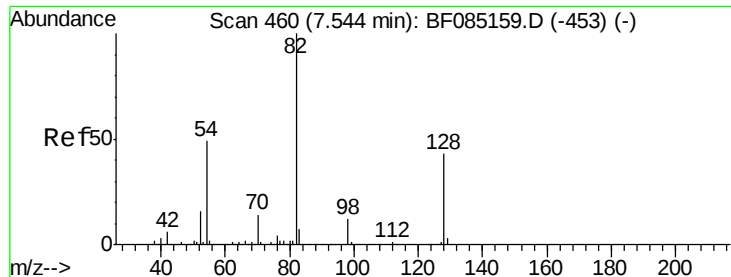
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

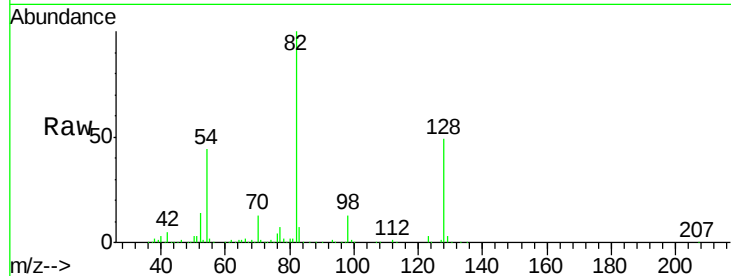




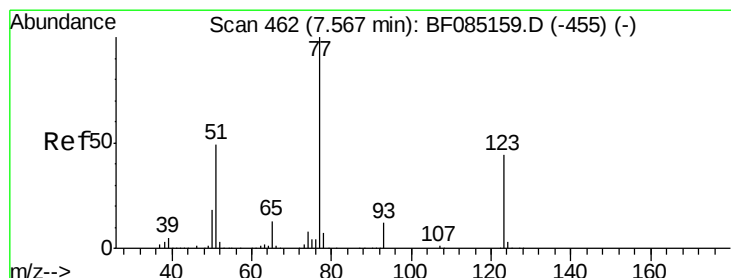
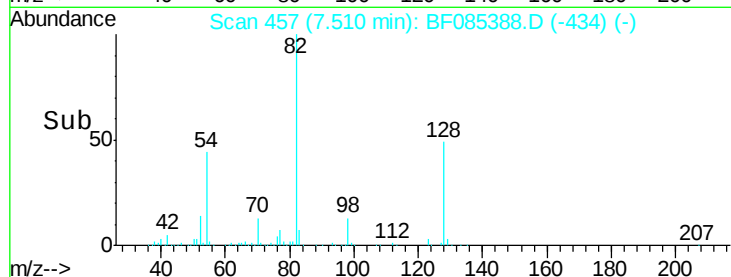
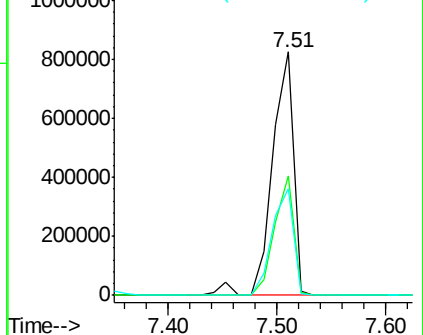
#23
 Nitrobenzene-d5
 Concen: 105.19 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion: 82 Resp: 1119414
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.5 51.7
 54 43.6 39.3 58.9

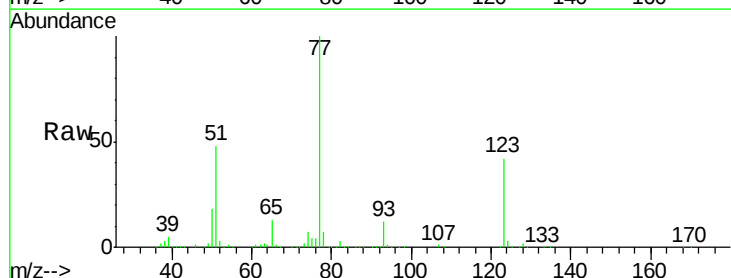


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

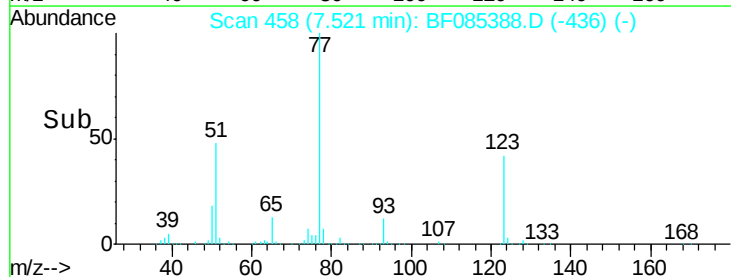
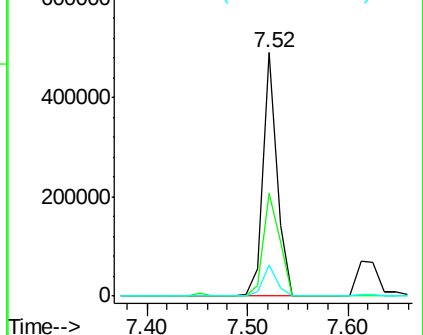


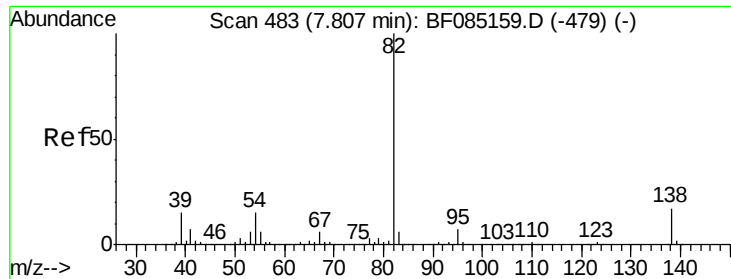
#24
 Nitrobenzene
 Concen: 44.25 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion: 77 Resp: 478362
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.4 53.2
 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.99 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

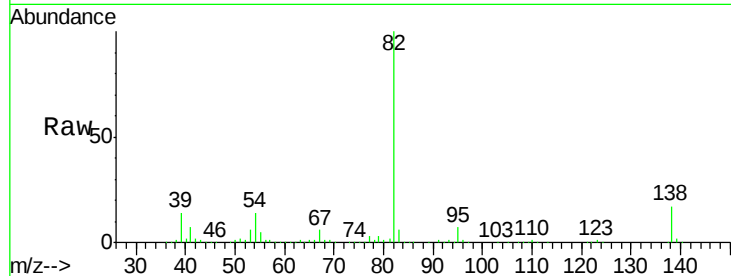
Tgt Ion: 82 Resp: 985976

Ion Ratio Lower Upper

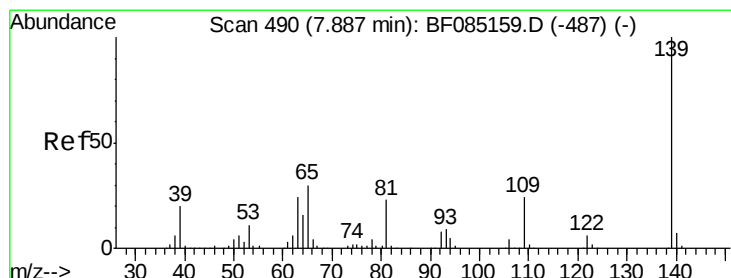
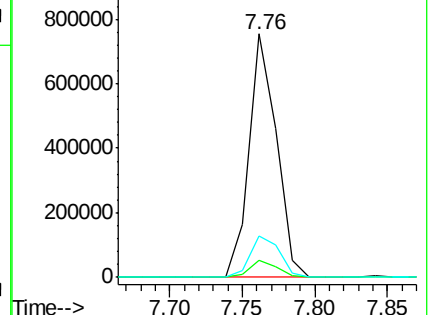
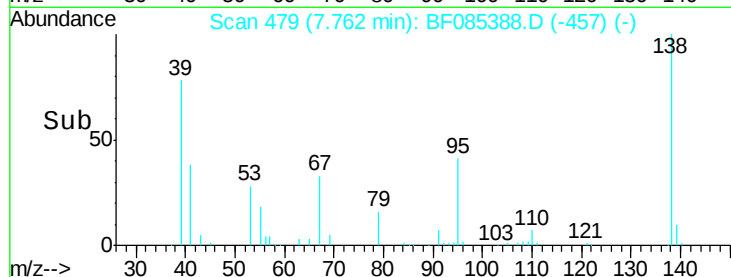
82 100

95 6.9 5.4 8.2

138 16.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.74 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

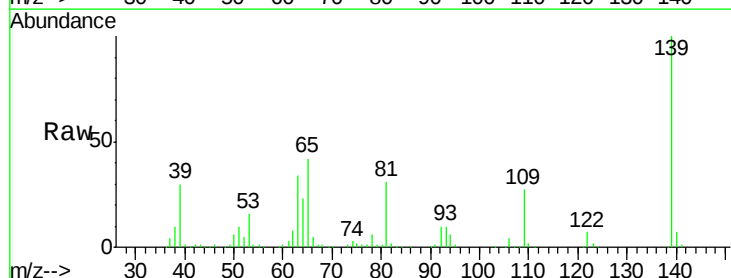
Tgt Ion: 139 Resp: 293220

Ion Ratio Lower Upper

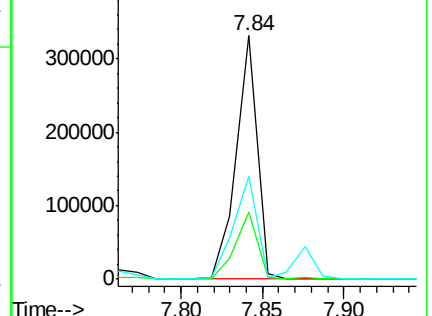
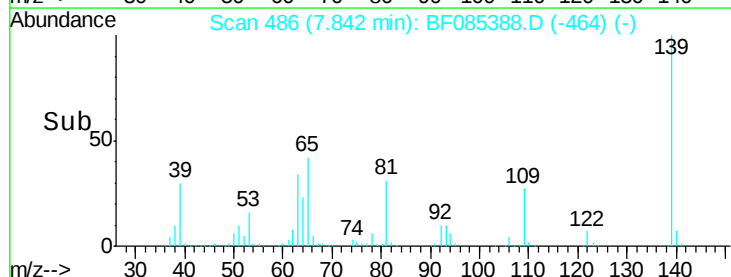
139 100

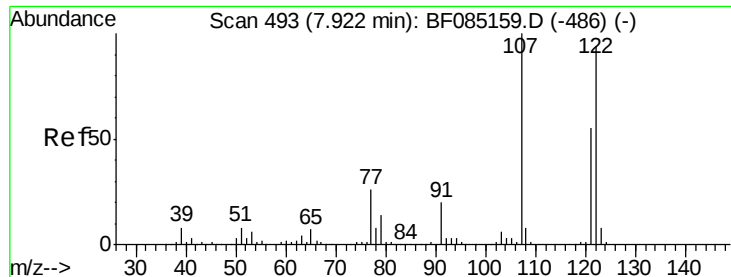
109 27.5 19.1 28.7

65 42.4 23.9 35.9#



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

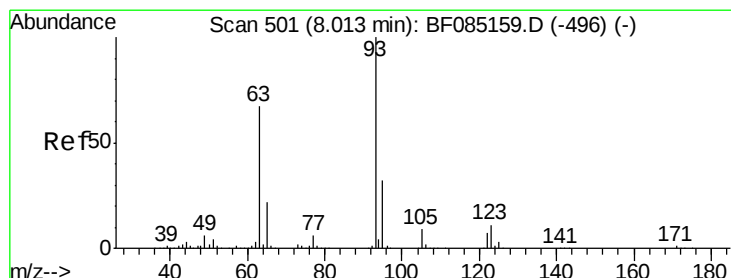
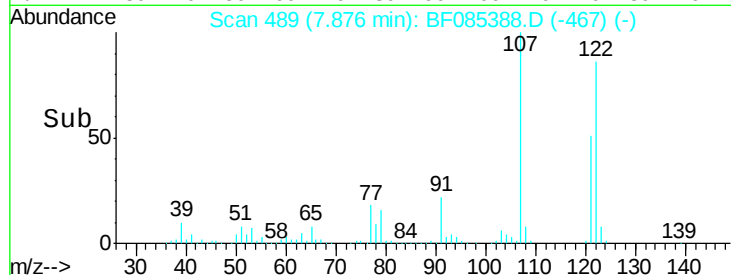
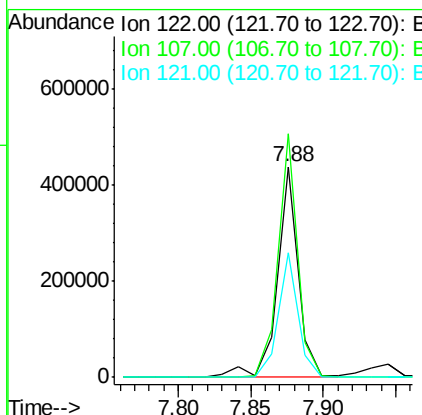
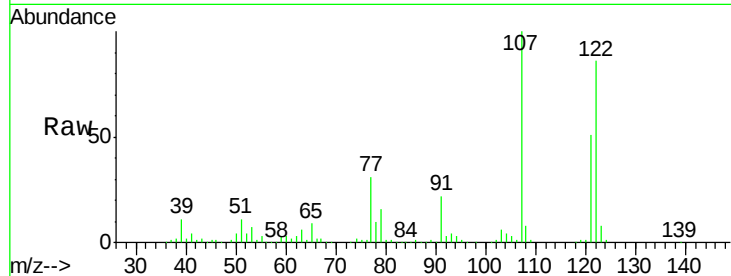




#27
 2,4-Dimethylphenol
 Concen: 45.50 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

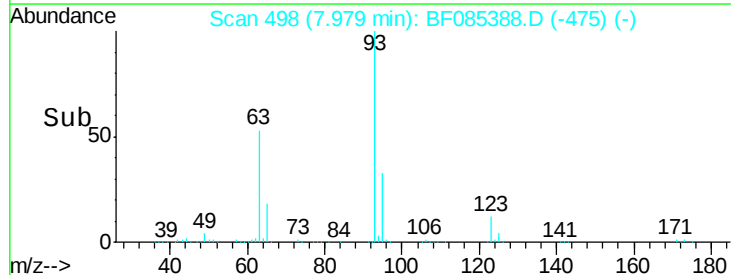
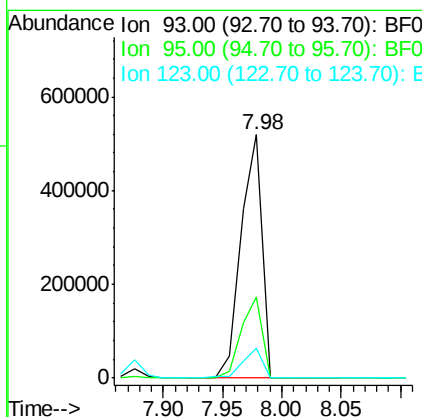
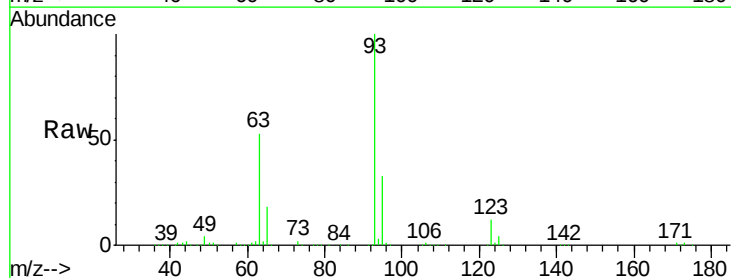
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

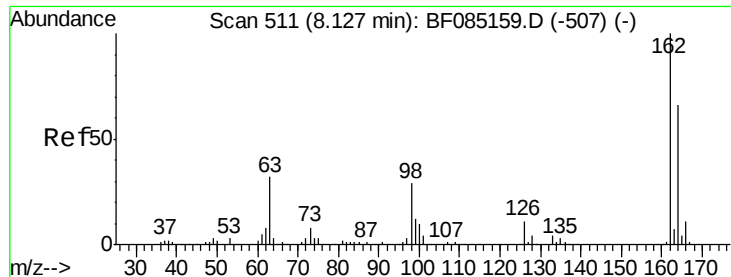
Tgt Ion:122 Resp: 437454
 Ion Ratio Lower Upper
 122 100
 107 115.6 84.8 127.2
 121 58.9 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.13 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion: 93 Resp: 638462
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.9 38.9
 123 12.5 8.8 13.2

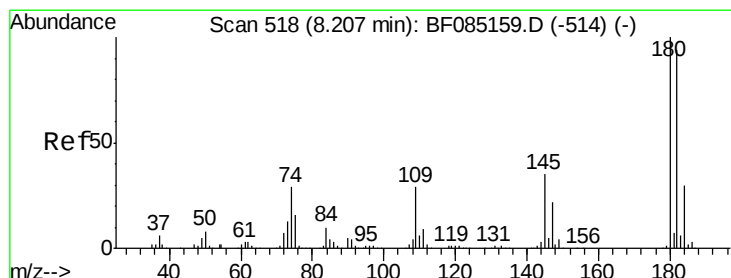
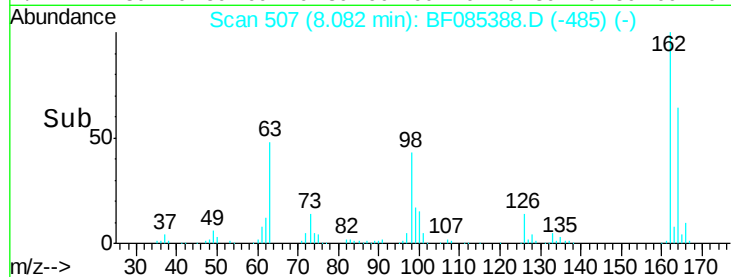
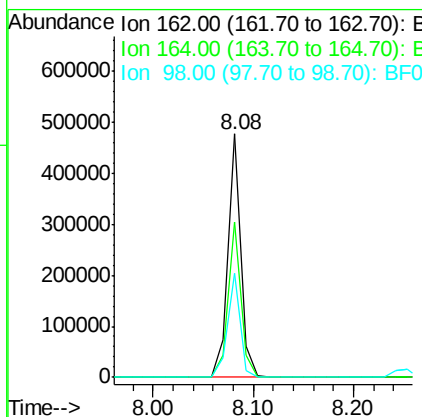
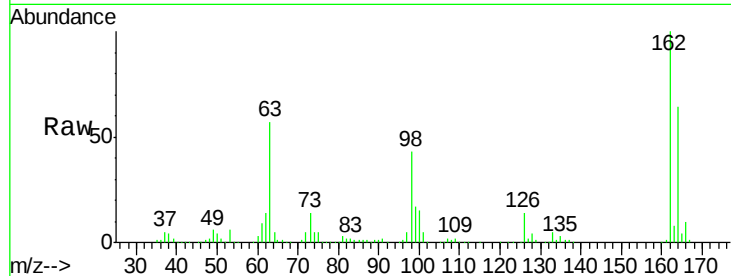




#29
 2,4-Dichlorophenol
 Concen: 54.89 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

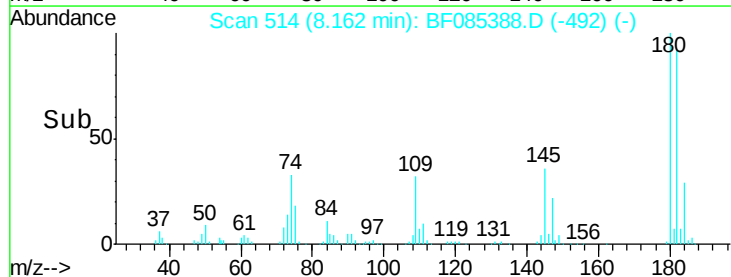
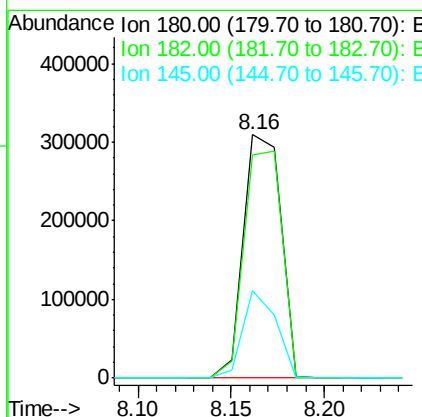
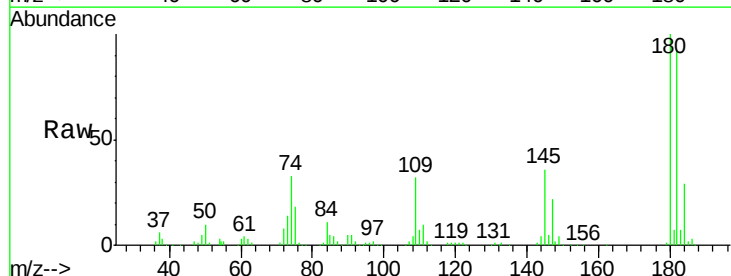
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

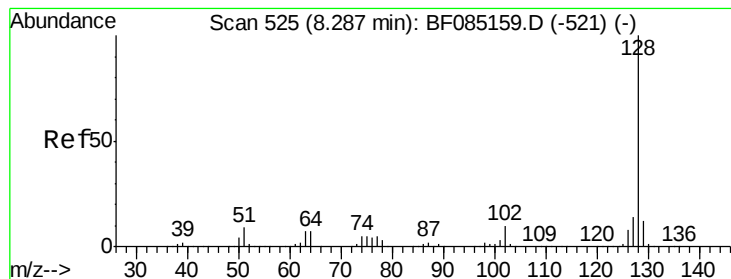
Tgt Ion:162 Resp: 425611
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.7 85.7
 98 42.6 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 51.31 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:180 Resp: 430182
 Ion Ratio Lower Upper
 180 100
 182 91.8 74.9 112.3
 145 35.9 27.9 41.9





#31

Naphthalene

Concen: 51.90 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

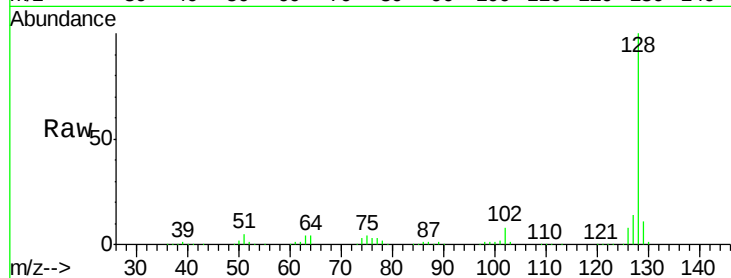
Tgt Ion:128 Resp: 1453249

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

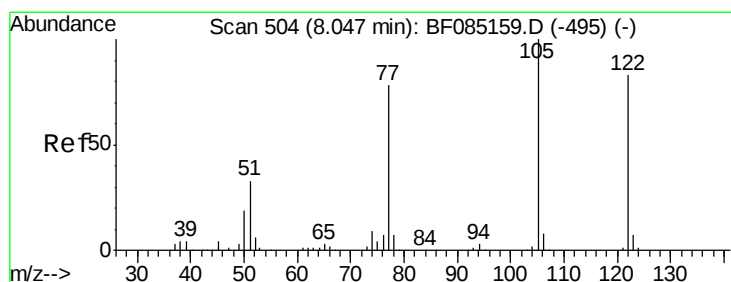
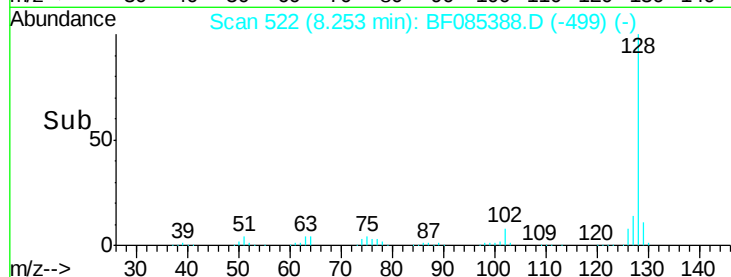
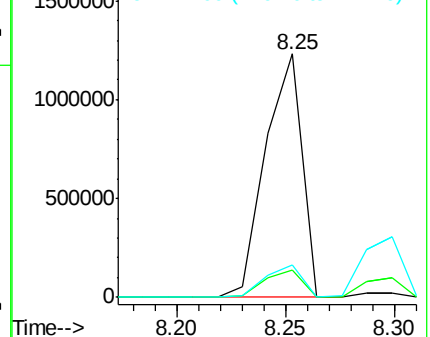
127 13.5 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.42 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.10 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

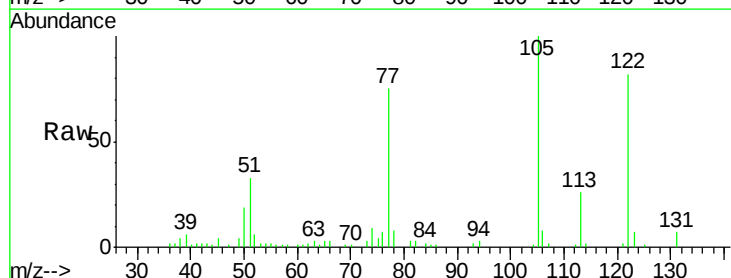
Tgt Ion:122 Resp: 40973

Ion Ratio Lower Upper

122 100

105 122.3 101.3 141.3

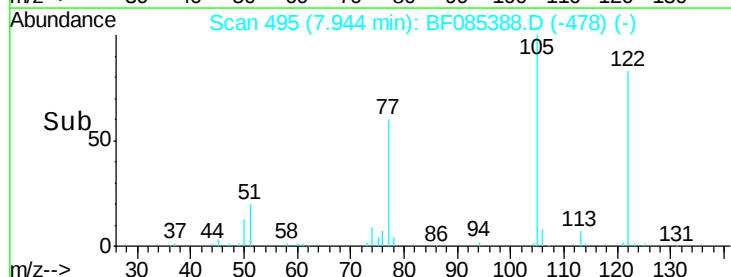
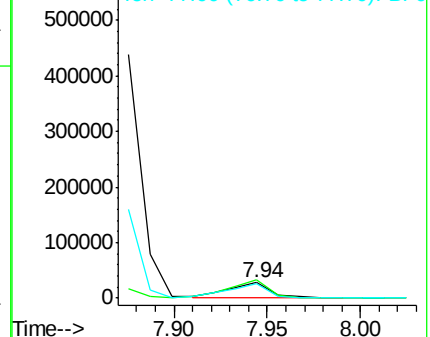
77 91.5 74.7 114.7

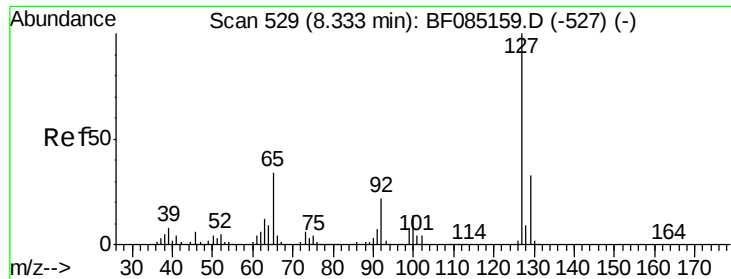


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

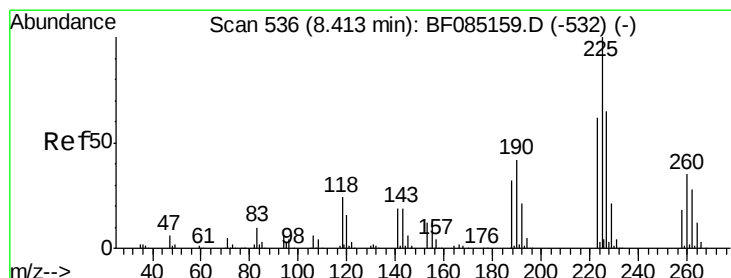
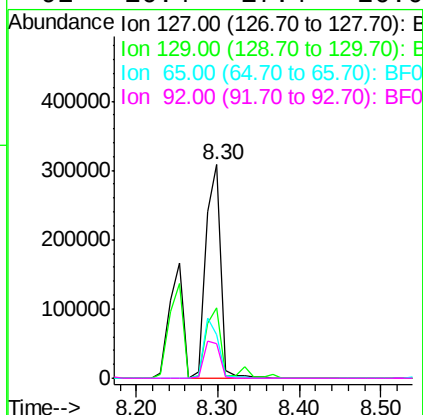
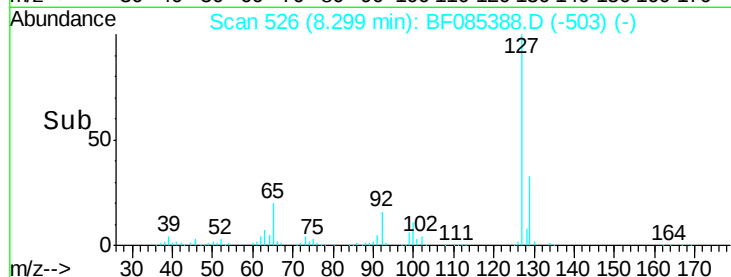
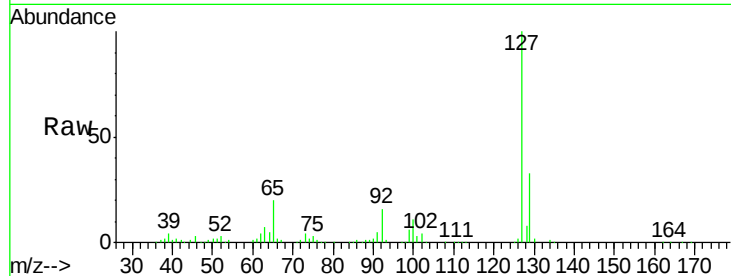




#33
4-Chloroaniline
Concen: 35.20 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

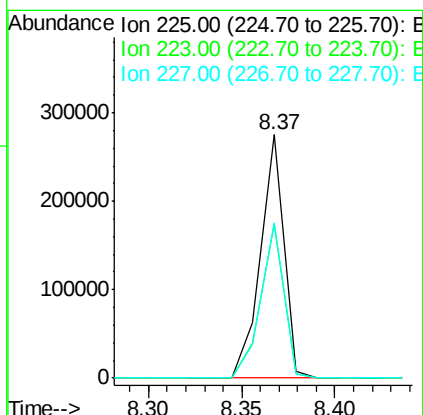
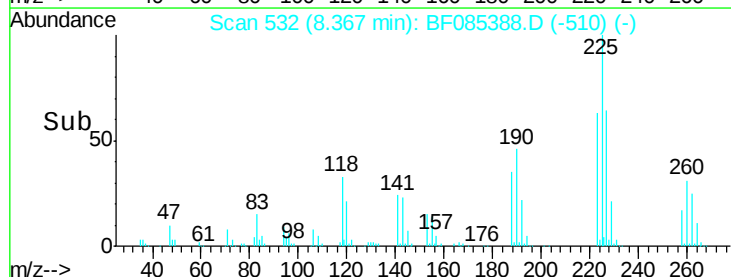
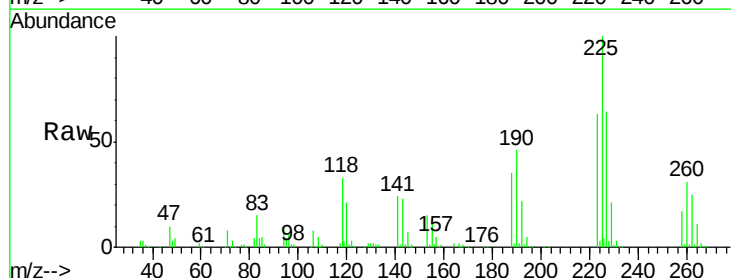
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

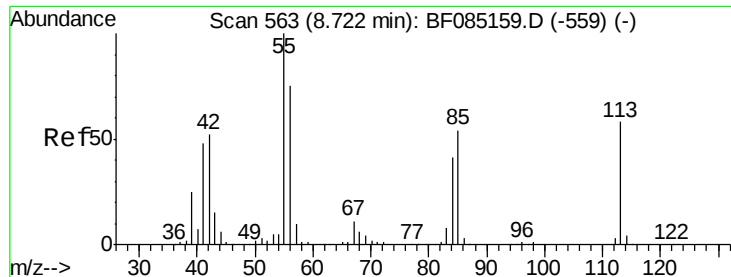
Tgt Ion:	127	Resp:	398716
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	20.2	27.0	40.6#
92	16.4	17.4	26.0#



#34
Hexachlorobutadiene
Concen: 54.35 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:	225	Resp:	237064
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.7	52.2	78.4

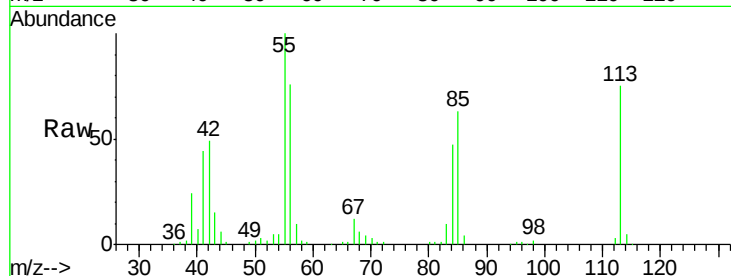




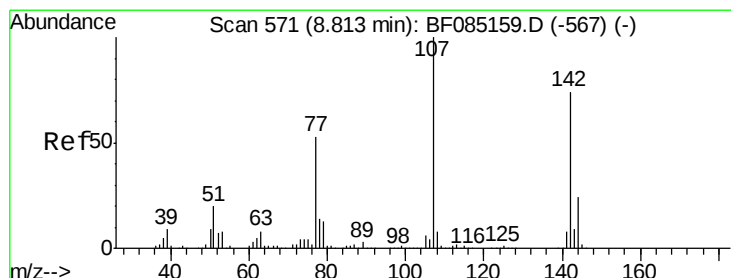
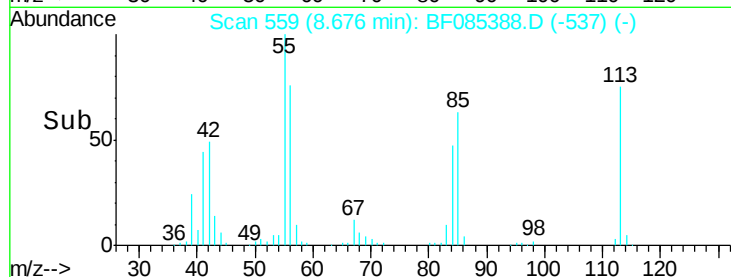
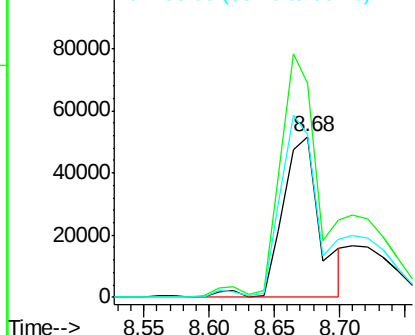
#35
 Caprolactam
 Concen: 41.23 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion:113 Resp: 104410
 Ion Ratio Lower Upper
 113 100
 55 133.4 152.7 192.7#
 56 101.6 109.0 149.0#

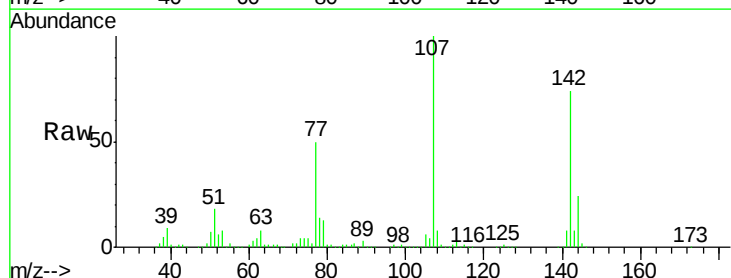


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

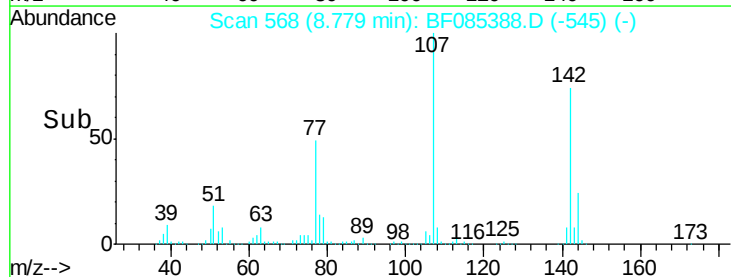
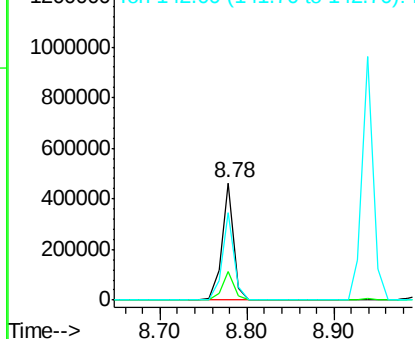


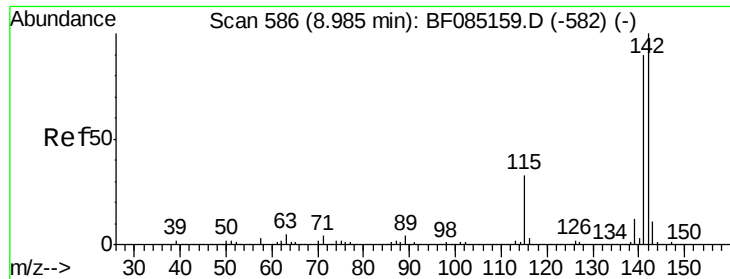
#36
 4-Chloro-3-methylphenol
 Concen: 49.82 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:107 Resp: 438272
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.4 29.2
 142 74.5 59.4 89.2



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

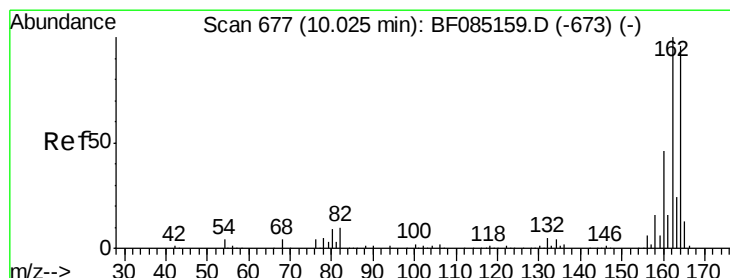
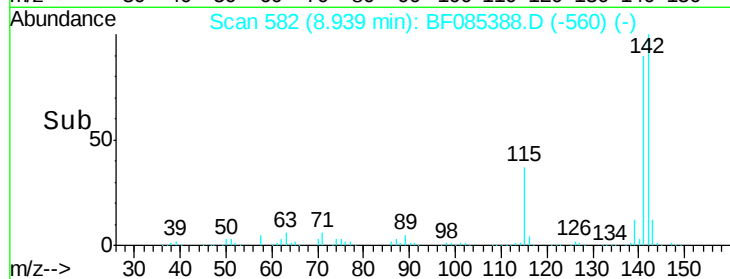
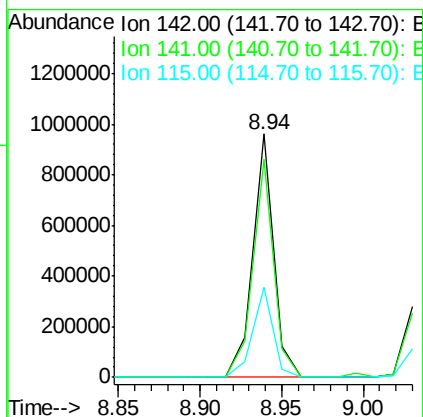
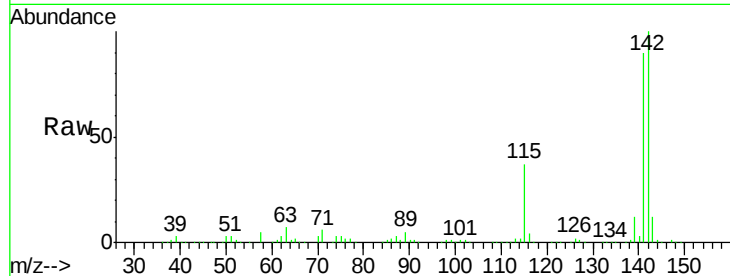




#37
 2-Methylnaphthalene
 Concen: 47.72 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

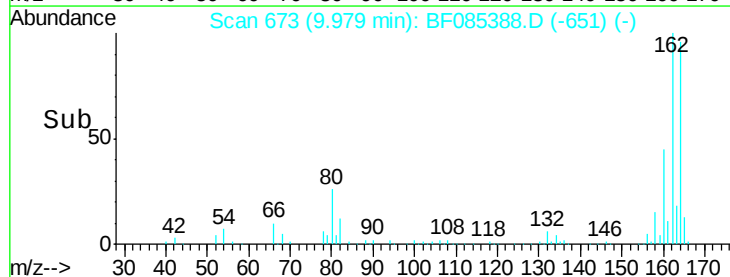
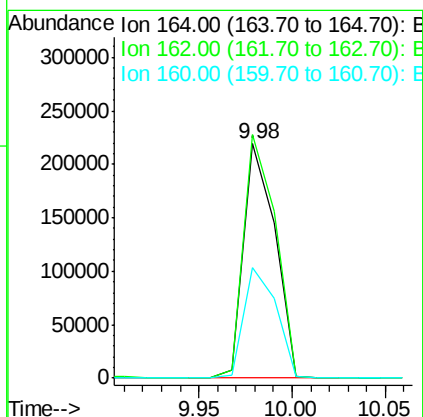
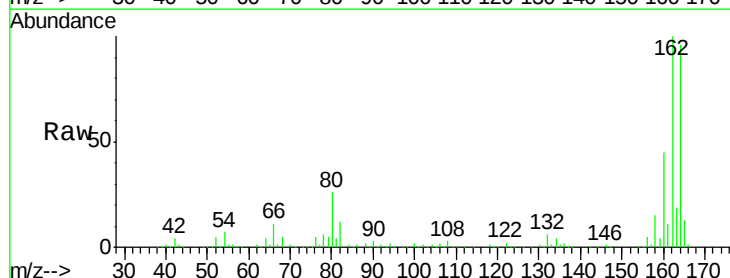
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

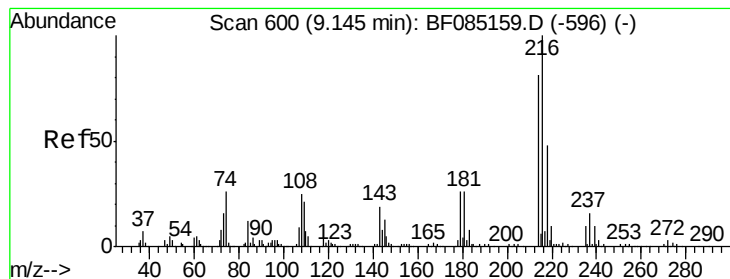
Tgt Ion:142 Resp: 857553
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 37.1 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:164 Resp: 255522
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.3 124.9
 160 47.1 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.04 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:216 Resp: 402239

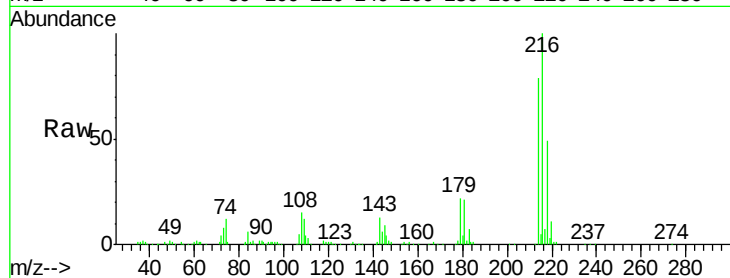
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 23.1 19.6 29.4

108 20.9 19.6 29.4

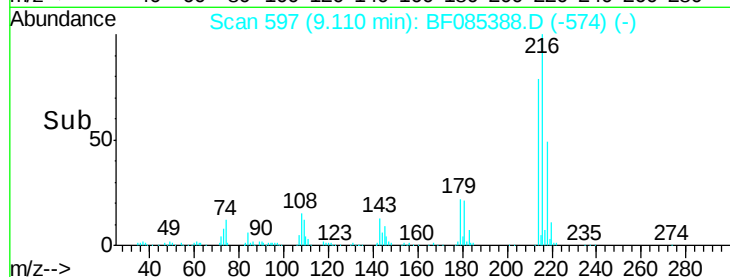


Abundance Ion 216.00 (215.70 to 216.70): E

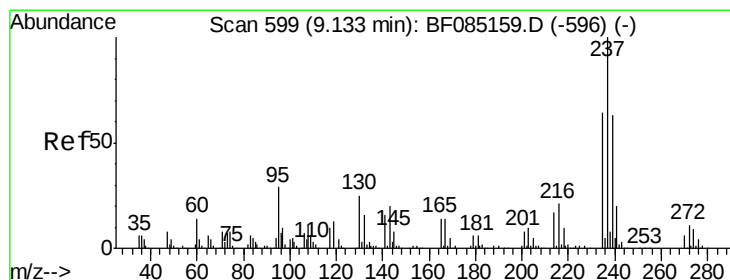
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 64.64 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

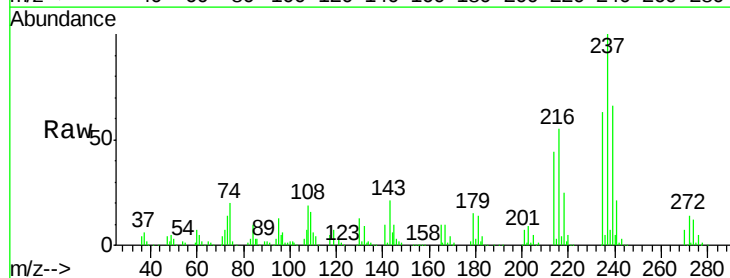
Tgt Ion:237 Resp: 254788

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

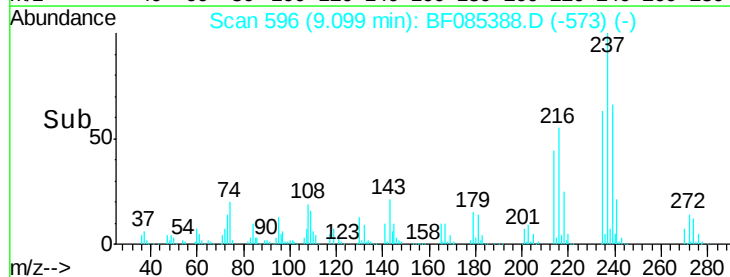
272 14.1 0.0 31.5



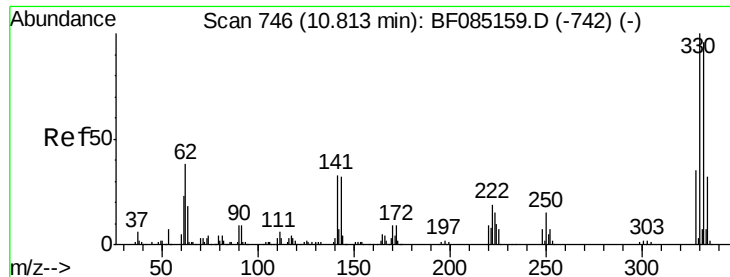
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



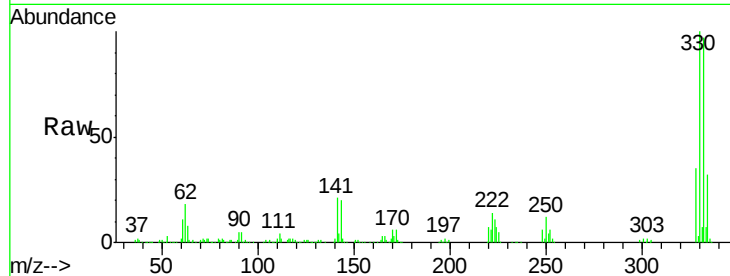
Time-->



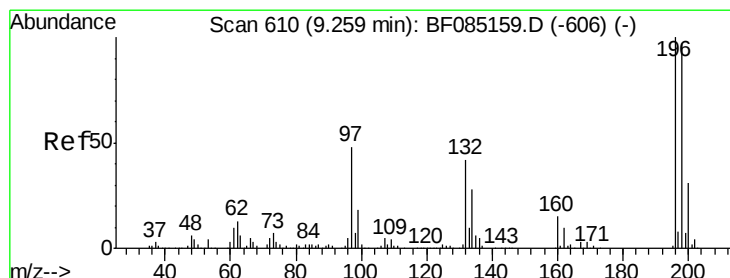
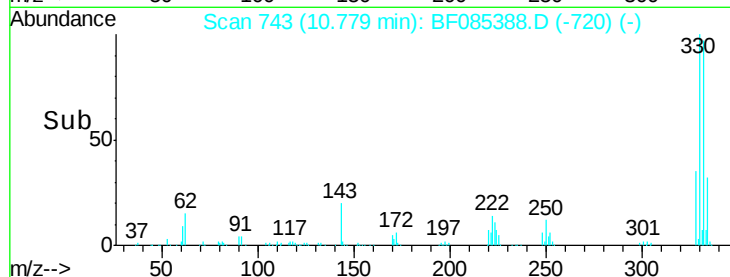
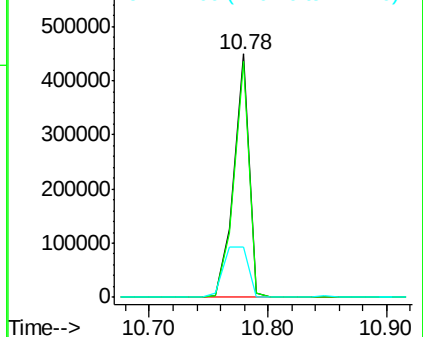
#41
 2,4,6-Tribromophenol
 Concen: 184.84 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	33.2	35.0	52.6#

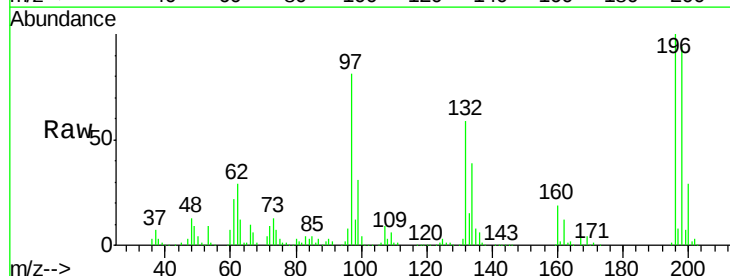


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

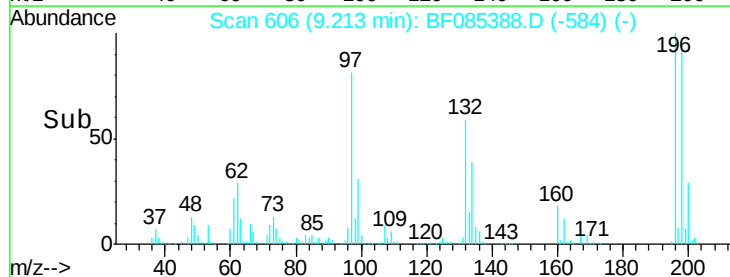
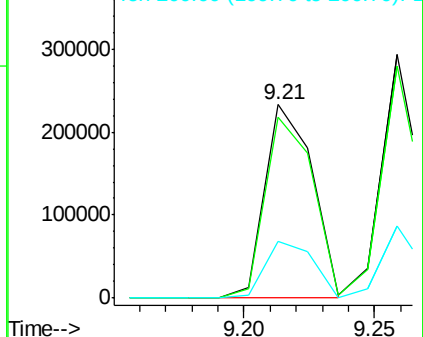


#42
 2,4,6-Trichlorophenol
 Concen: 54.17 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.8	116.6
200	29.2	25.0	37.6



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

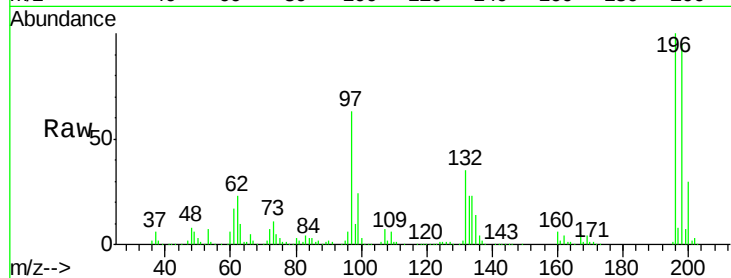




#43
 2,4,5-Trichlorophenol
 Concen: 57.81 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	63.1	46.4	69.6
132	34.6	26.2	39.4



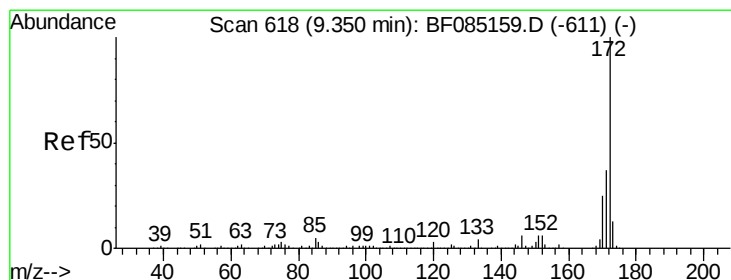
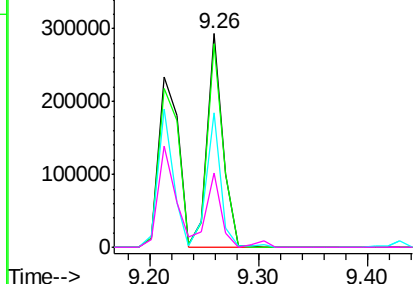
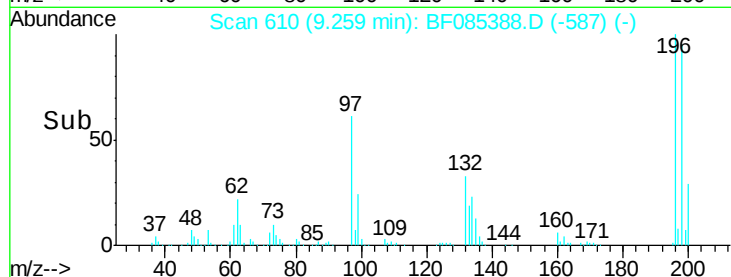
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

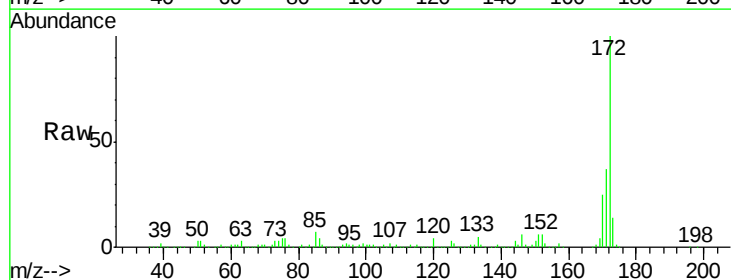
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.85 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	25.0	20.0	30.0

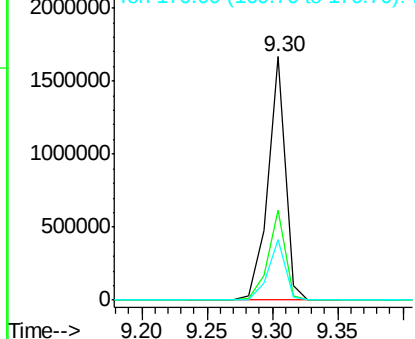
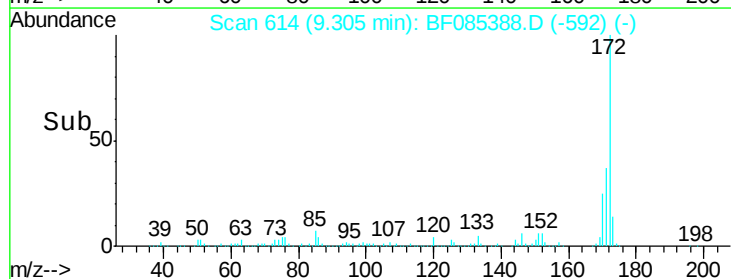


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

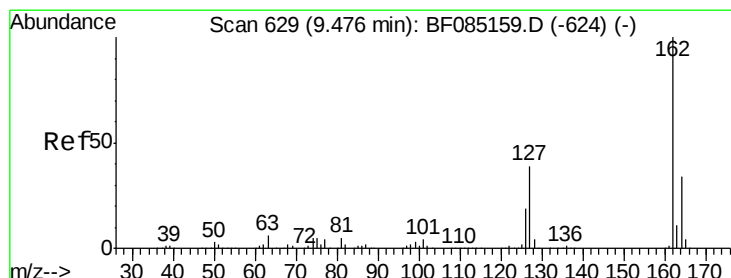
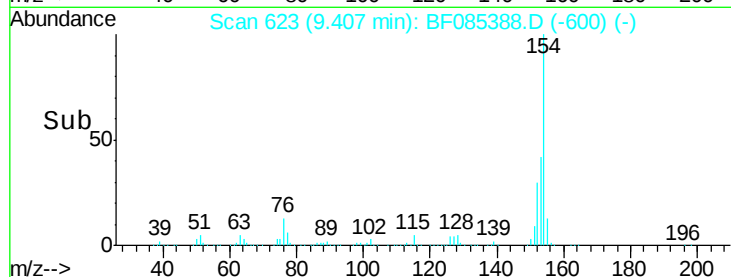
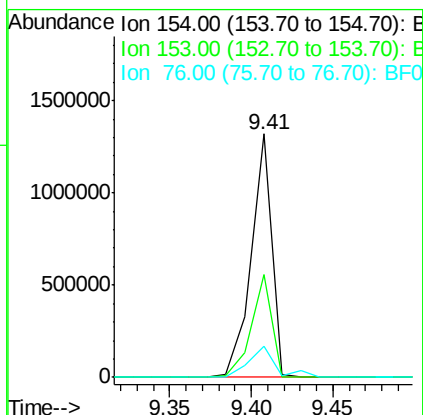
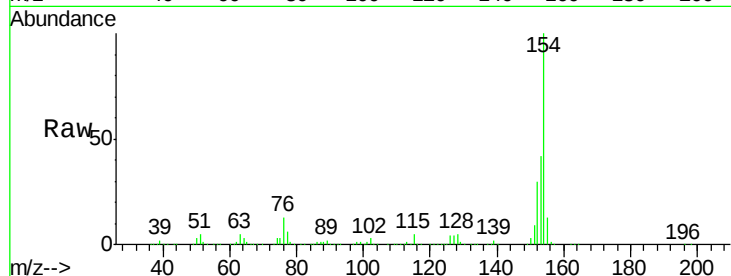




#45
 1,1'-Biphenyl
 Concen: 52.83 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

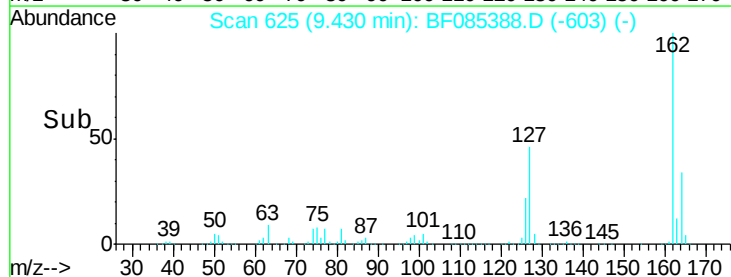
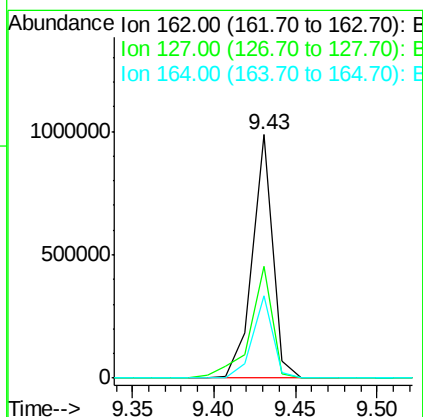
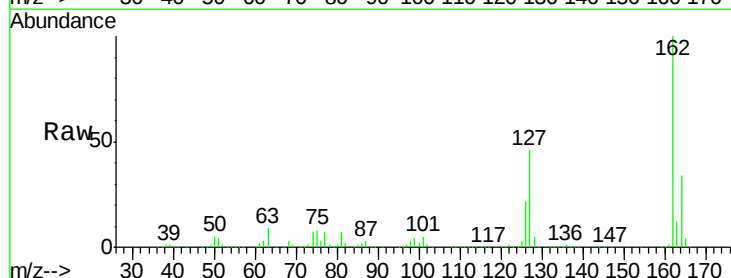
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

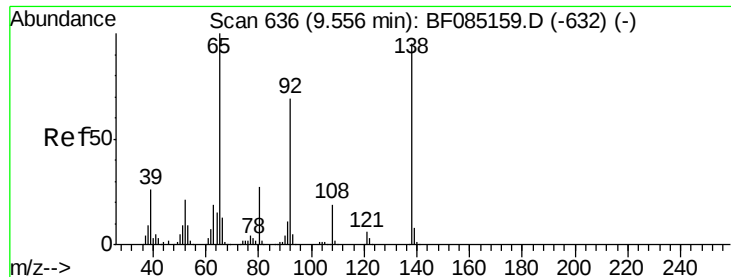
Tgt Ion:154 Resp: 1153261
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.4 61.4
 76 12.6 0.0 37.5



#46
 2-Chloronaphthalene
 Concen: 51.25 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:162 Resp: 852836
 Ion Ratio Lower Upper
 162 100
 127 45.8 31.6 47.4
 164 33.7 27.1 40.7

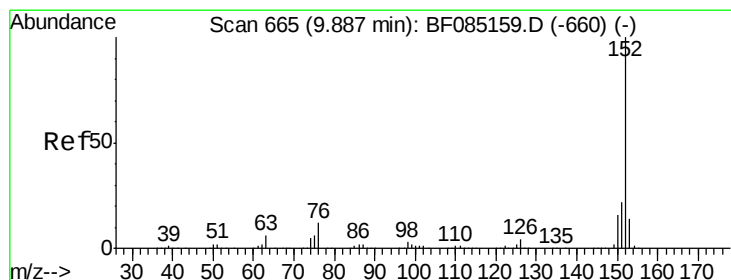
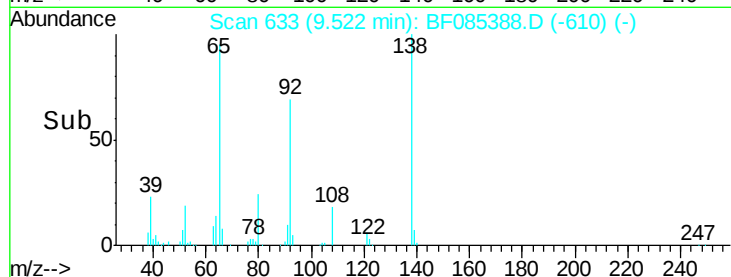
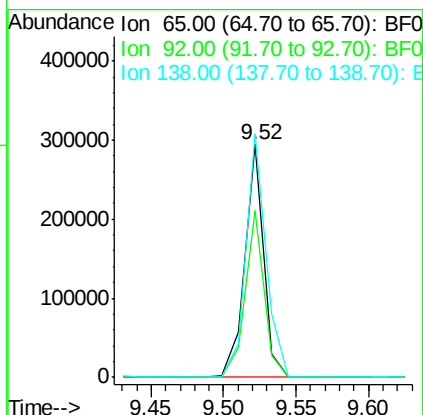
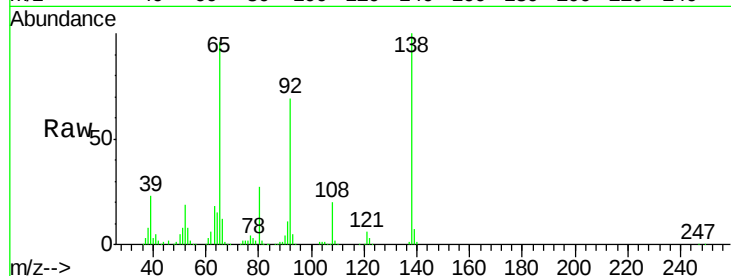




#47
2-Nitroaniline
Concen: 51.19 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

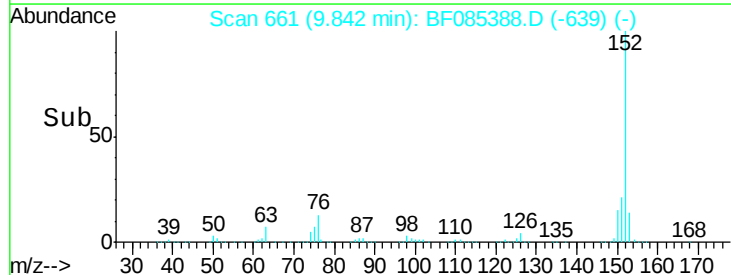
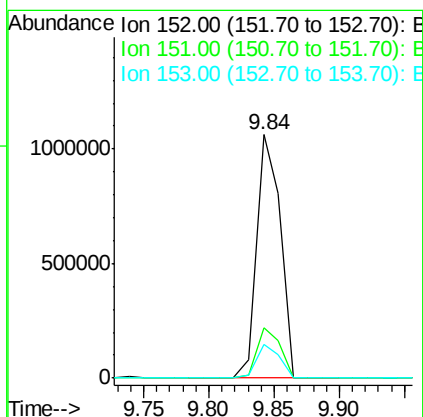
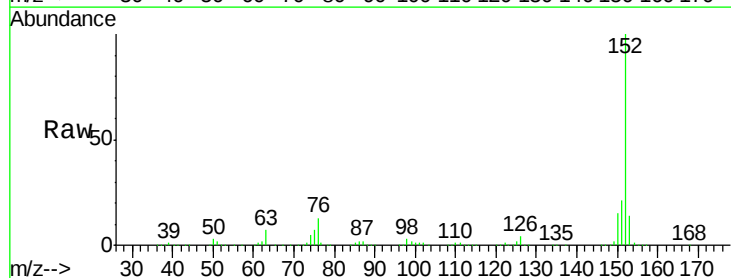
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

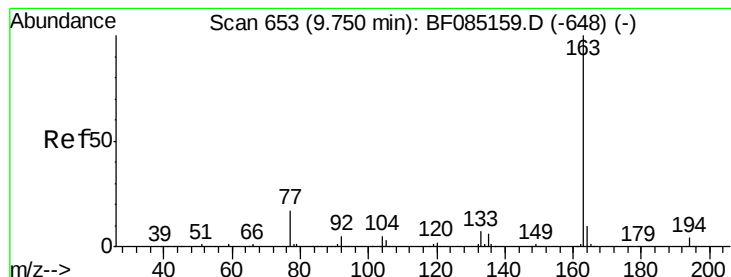
Tgt Ion: 65 Resp: 263952
Ion Ratio Lower Upper
65 100
92 71.6 55.4 83.2
138 104.5 75.7 113.5



#48
Acenaphthylene
Concen: 51.74 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion: 152 Resp: 1339911
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 58.41 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

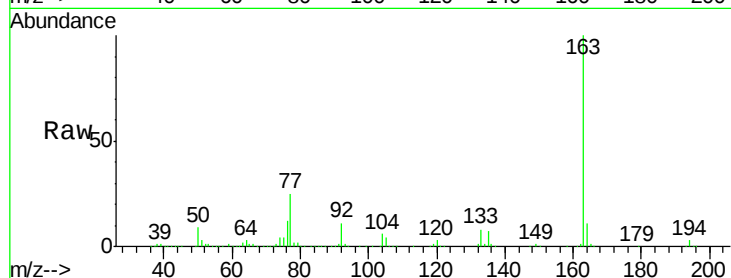
Tgt Ion:163 Resp: 1145570

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

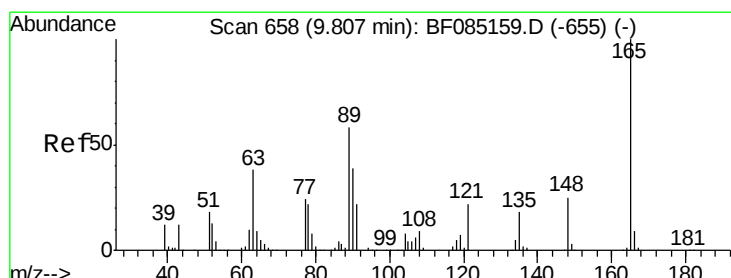
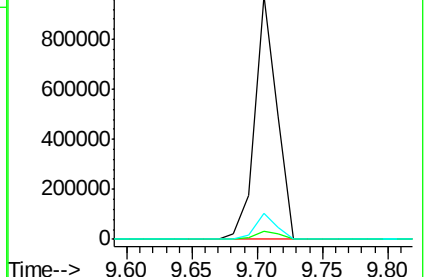
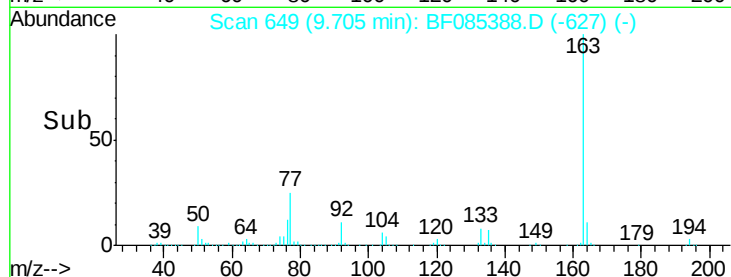
164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.16 ng

RT: 9.77 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

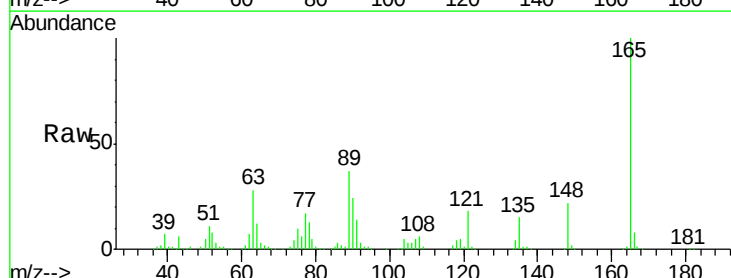
Tgt Ion:165 Resp: 244033

Ion Ratio Lower Upper

165 100

63 27.7 41.8 62.8#

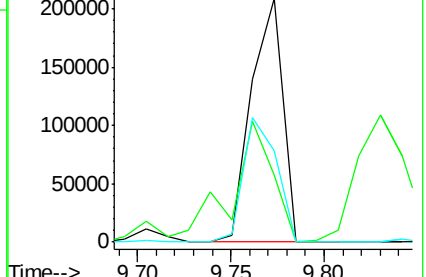
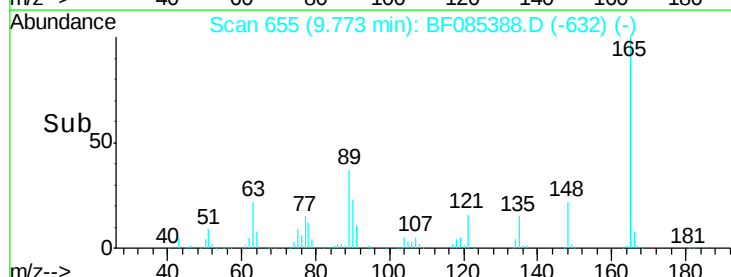
89 37.4 46.7 70.1#

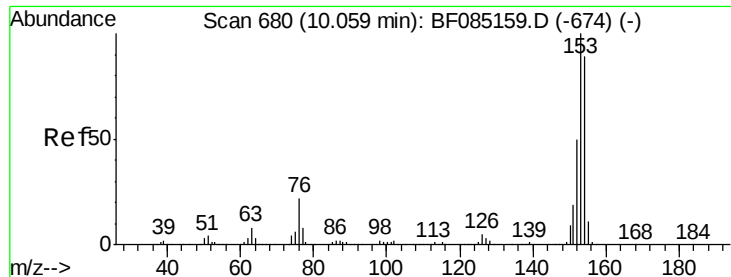


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.01 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

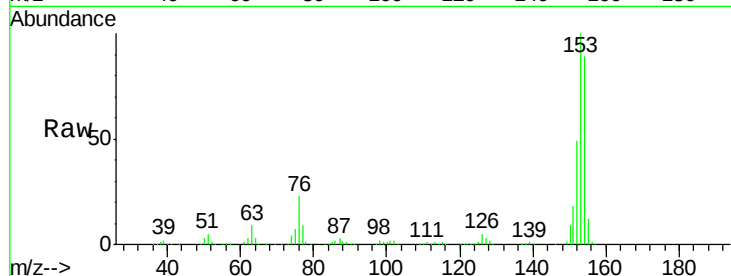
Tgt Ion:154 Resp: 833573

Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.8

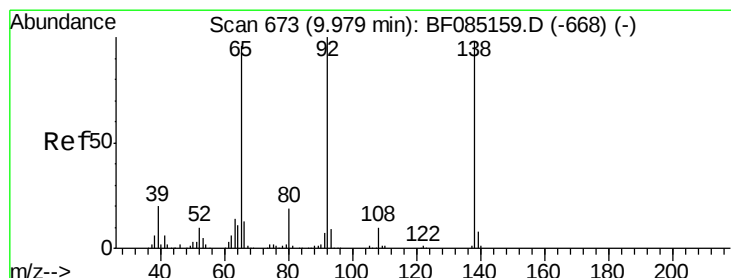
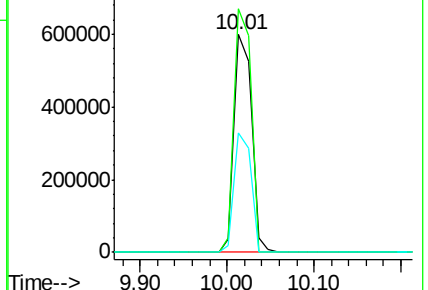
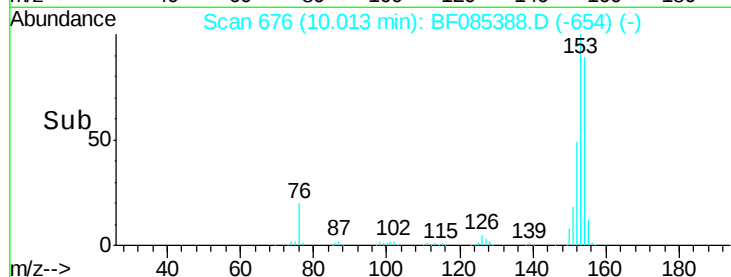
152 54.8 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.82 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

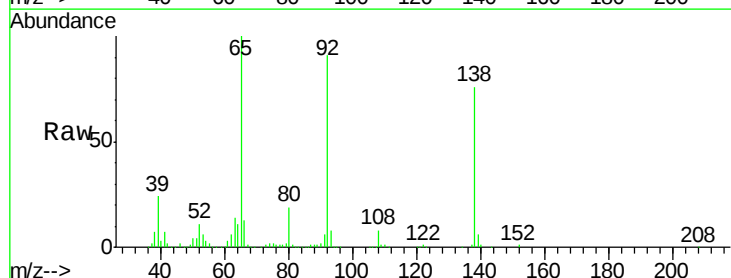
Tgt Ion:138 Resp: 194871

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

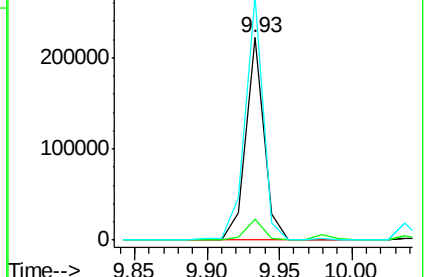
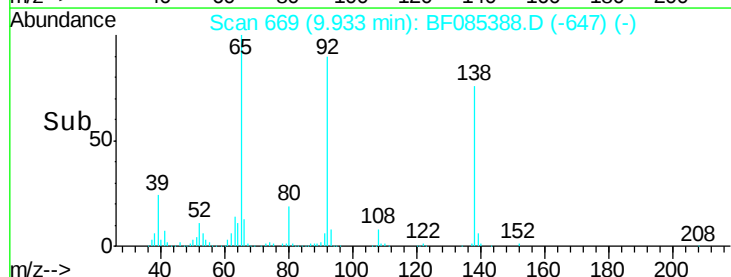
92 120.2 81.3 121.9

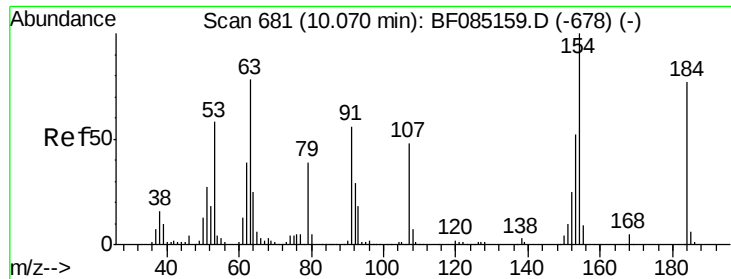


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

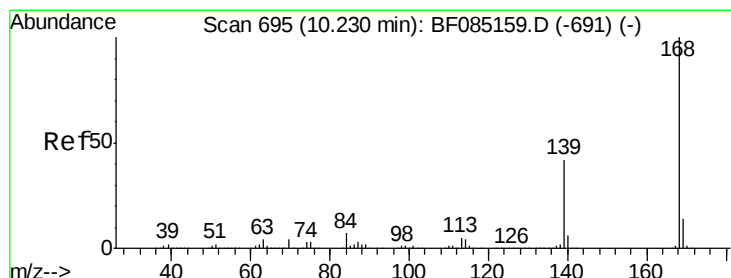
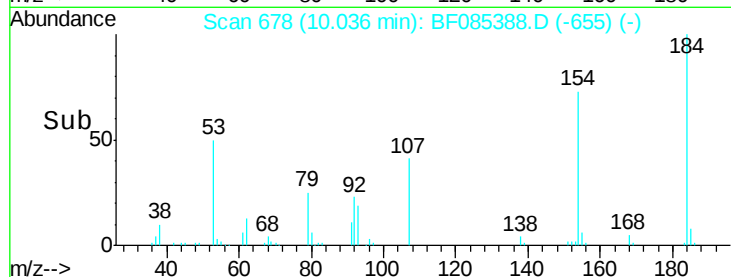
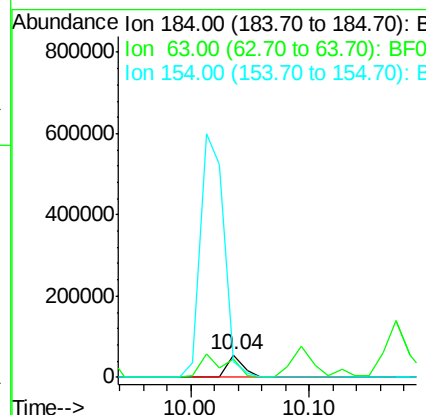
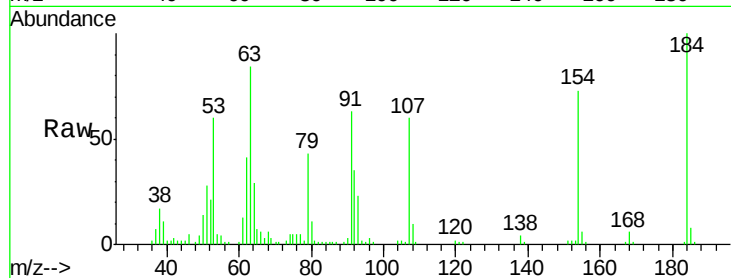




#53
 2,4-Dinitrophenol
 Concen: 30.09 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

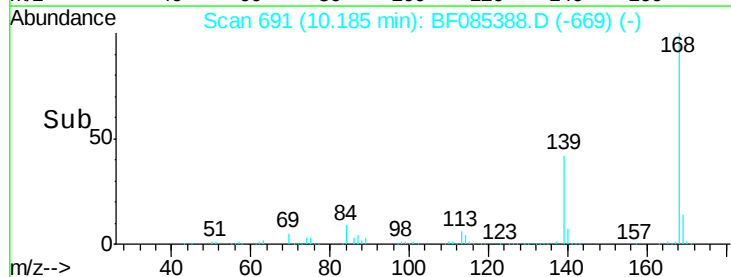
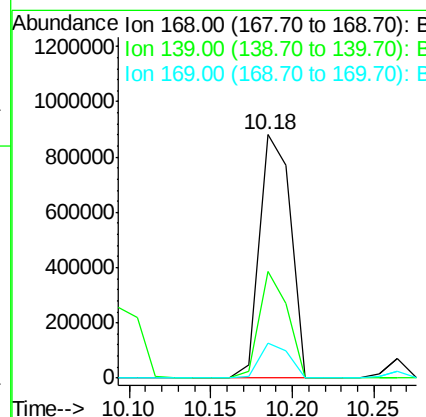
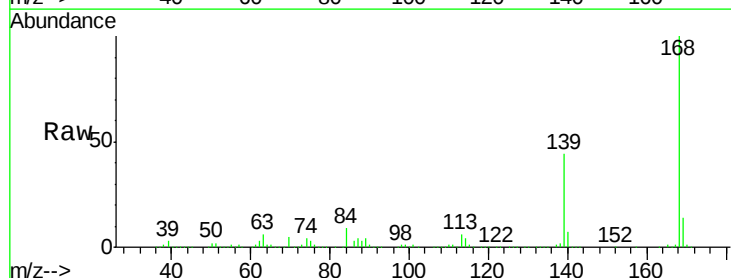
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

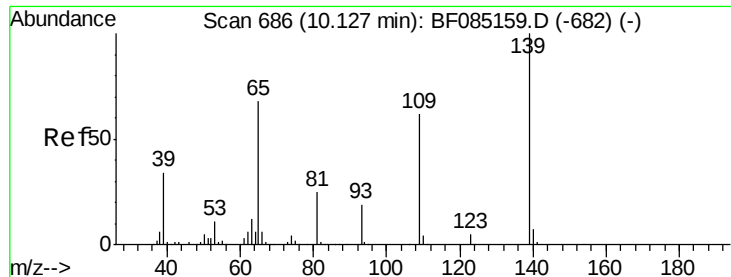
Tgt Ion:184 Resp: 52210
 Ion Ratio Lower Upper
 184 100
 63 83.6 82.2 123.4
 154 73.2 108.9 163.3#



#54
 Dibenzofuran
 Concen: 56.74 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:168 Resp: 1168970
 Ion Ratio Lower Upper
 168 100
 139 44.0 33.6 50.4
 169 14.1 11.2 16.8

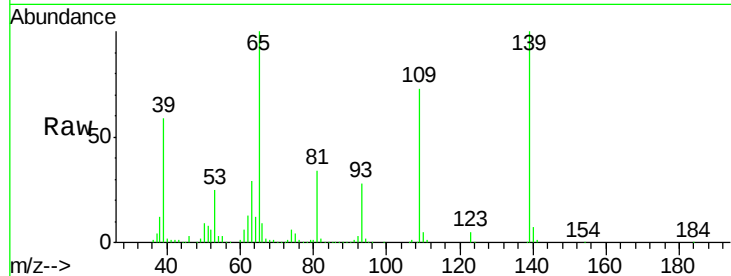




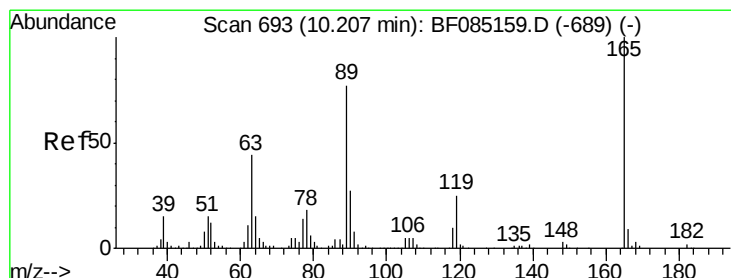
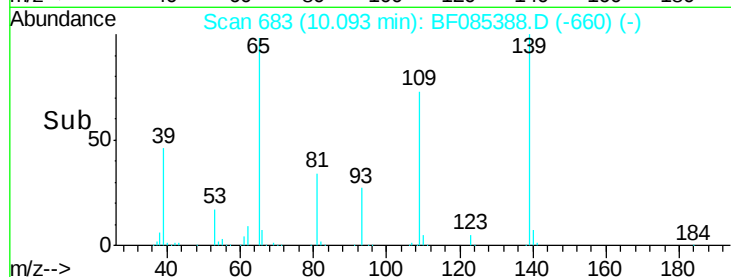
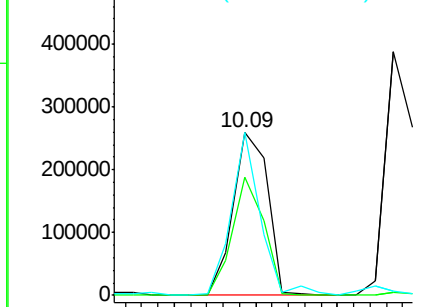
#55
4-Nitrophenol
Concen: 96.51 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:139 Resp: 380704
Ion Ratio Lower Upper
139 100
109 72.9 41.9 81.9
65 100.3 48.3 88.3#

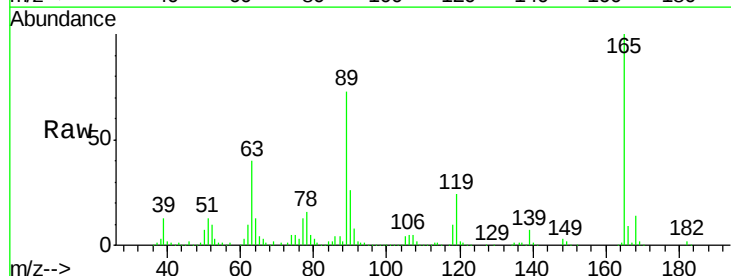


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

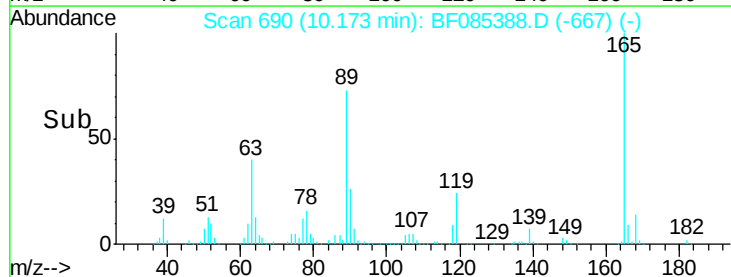
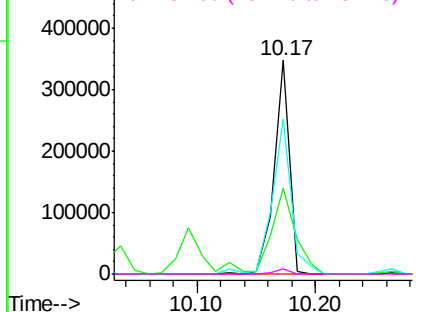


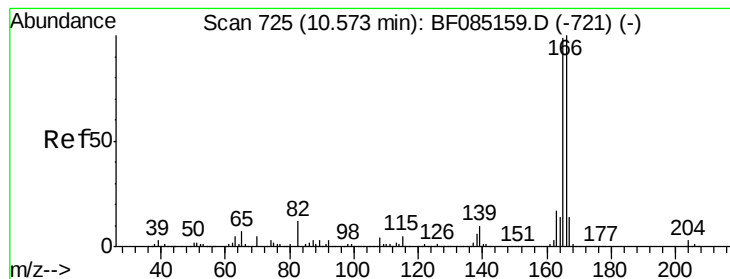
#56
2,4-Dinitrotoluene
Concen: 57.93 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:165 Resp: 311073
Ion Ratio Lower Upper
165 100
63 40.1 35.4 53.0
89 72.8 61.9 92.9
182 2.4 1.9 2.9



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





#57

Fluorene

Concen: 52.65 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

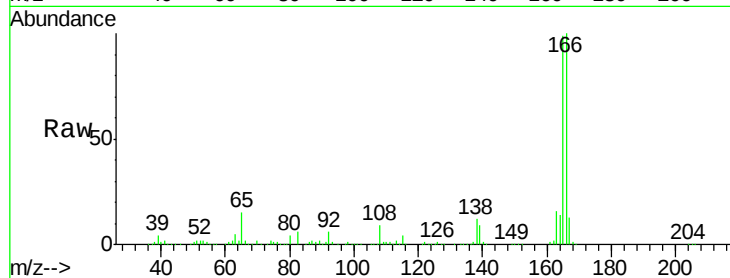
Tgt Ion:166 Resp: 852075

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

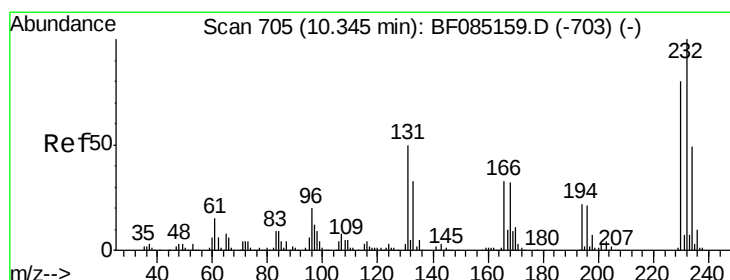
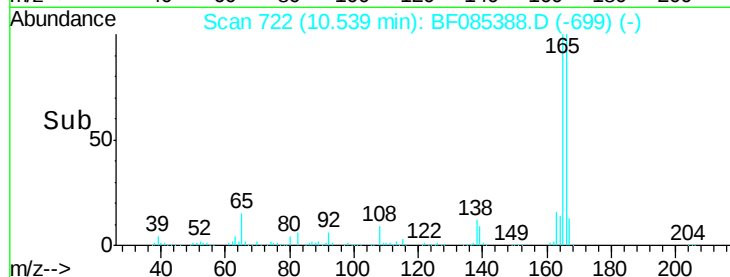
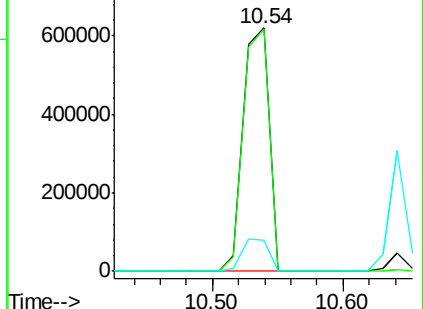
167 13.0 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.90 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:232 Resp: 227910

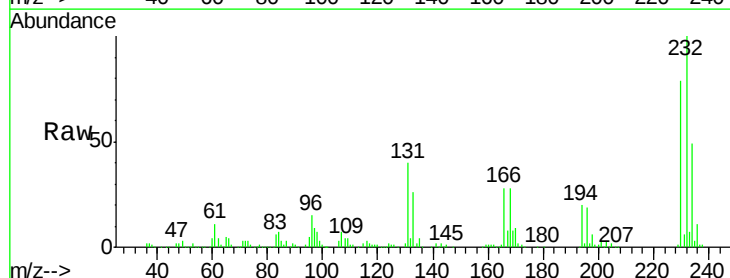
Ion Ratio Lower Upper

232 100

131 52.7 46.0 69.0

130 2.6 2.2 3.4

166 33.1 28.8 43.2

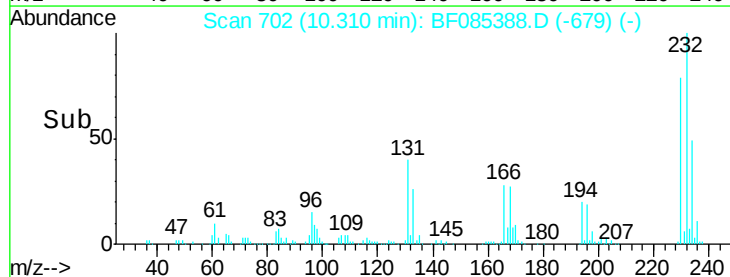
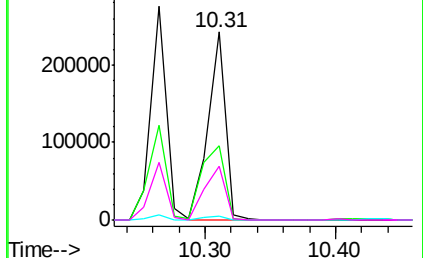


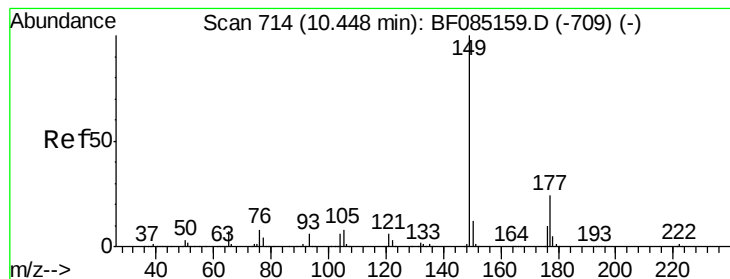
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.31 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

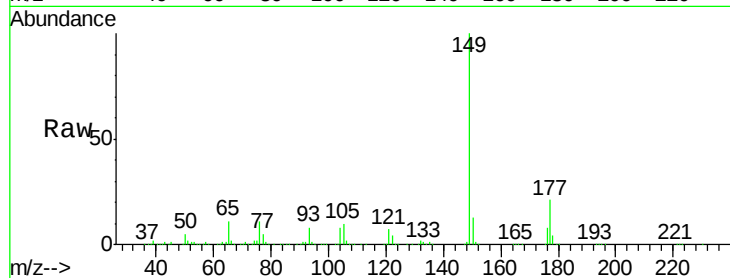
Tgt Ion:149 Resp: 976453

Ion Ratio Lower Upper

149 100

177 20.8 19.2 28.8

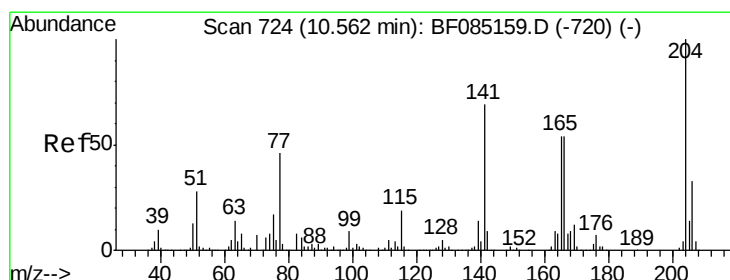
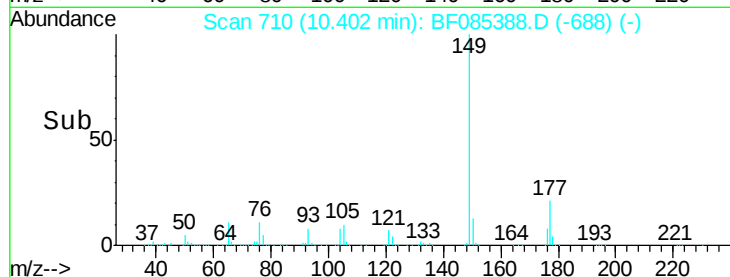
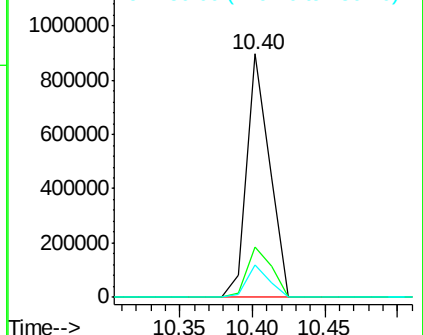
150 13.2 9.9 14.9



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: 55.35 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

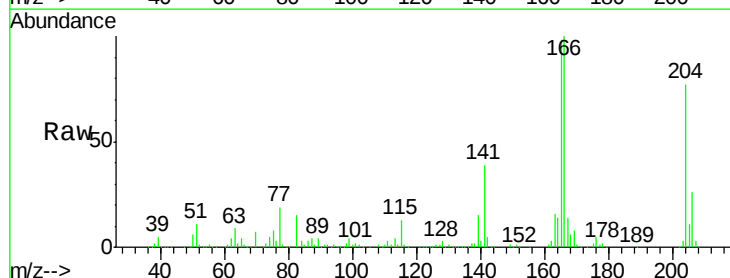
Tgt Ion:204 Resp: 435827

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

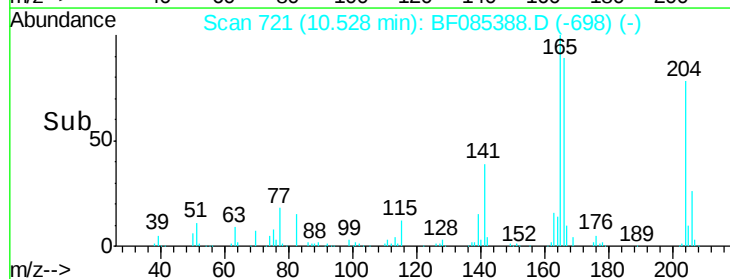
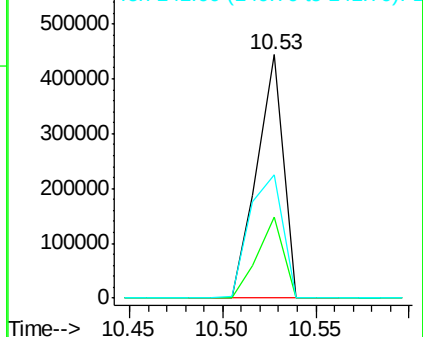
141 50.7 55.4 83.2#

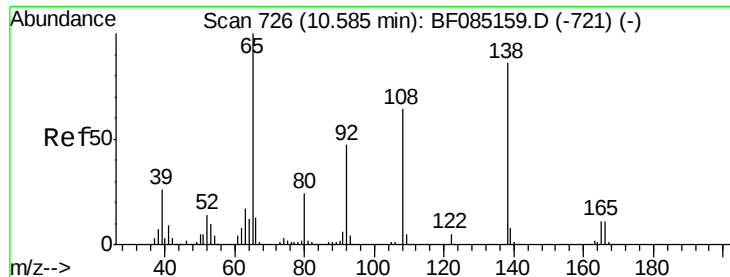


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

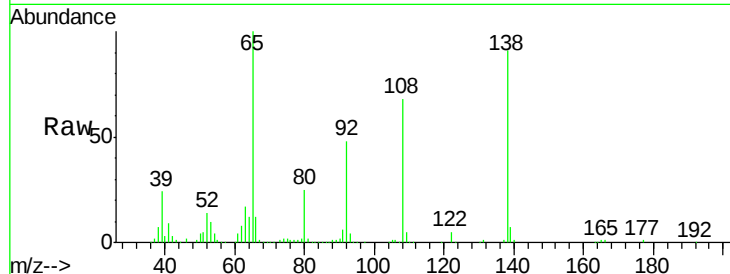




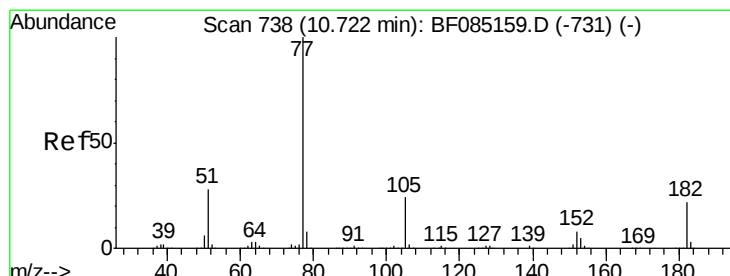
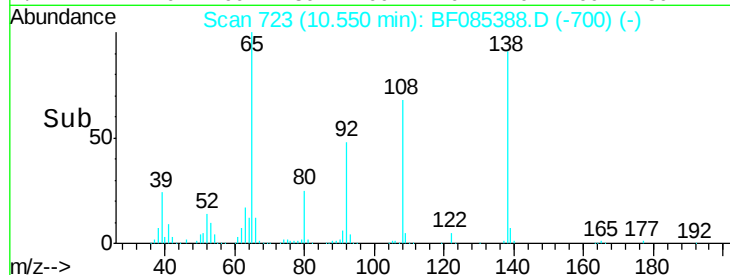
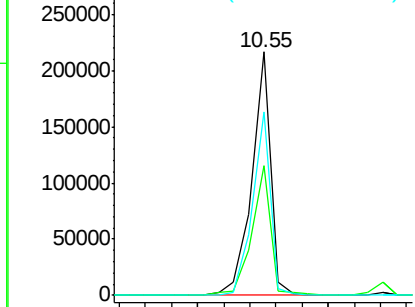
#61
4-Nitroaniline
Concen: 46.31 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:138 Resp: 217408
Ion Ratio Lower Upper
138 100
92 53.1 34.2 74.2
108 75.5 53.9 93.9

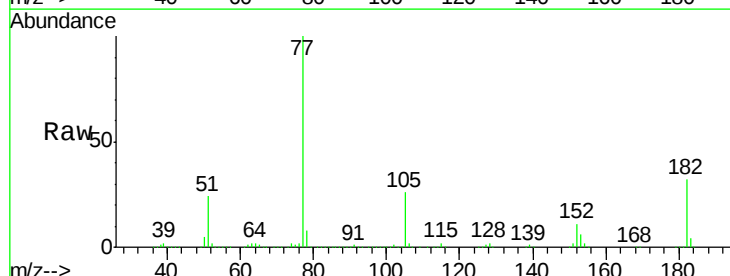


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

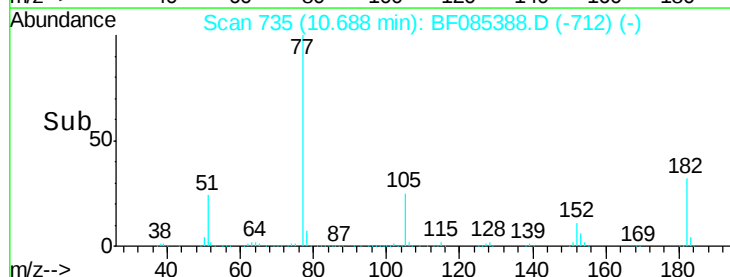
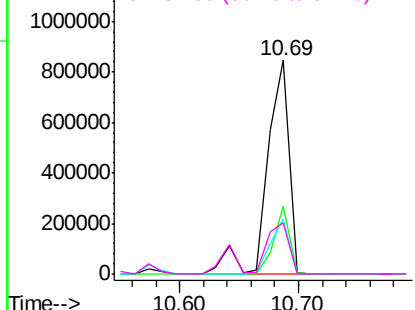


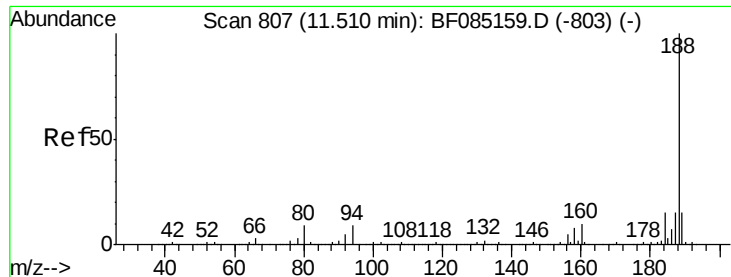
#62
Azobenzene
Concen: 57.77 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion: 77 Resp: 1083229
Ion Ratio Lower Upper
77 100
182 31.7 2.1 42.1
105 25.7 3.8 43.8
51 24.0 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

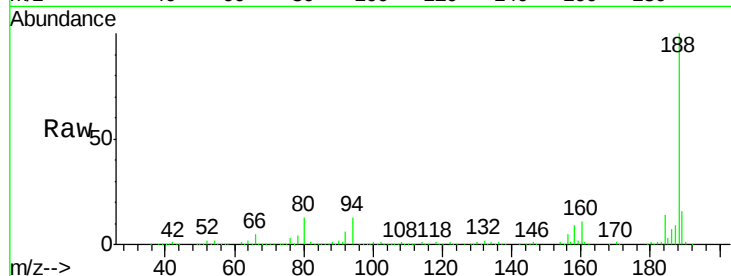




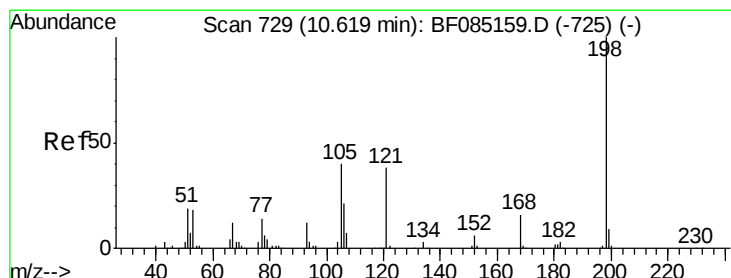
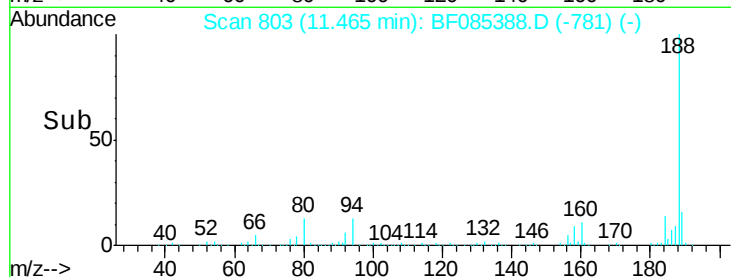
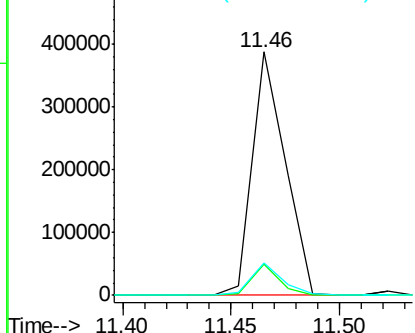
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:188 Resp: 409857
Ion Ratio Lower Upper
188 100
94 12.8 7.0 10.6#
80 13.5 7.4 11.0#

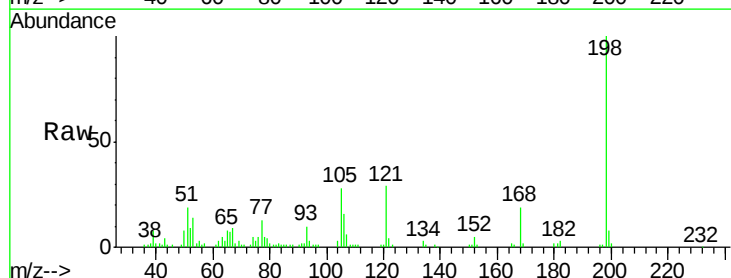


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

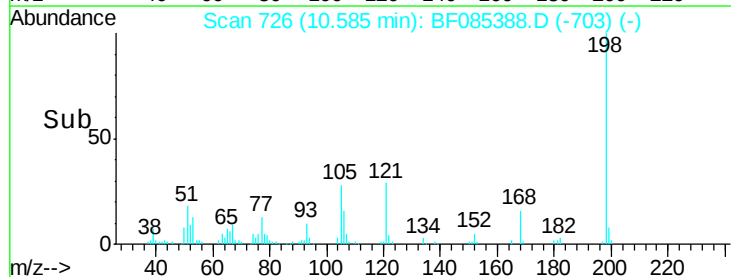
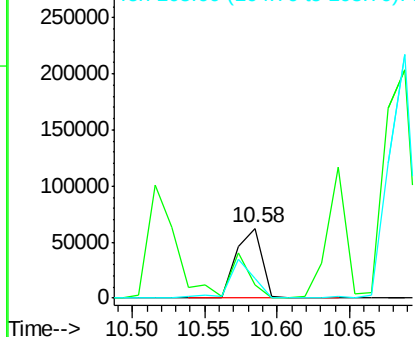


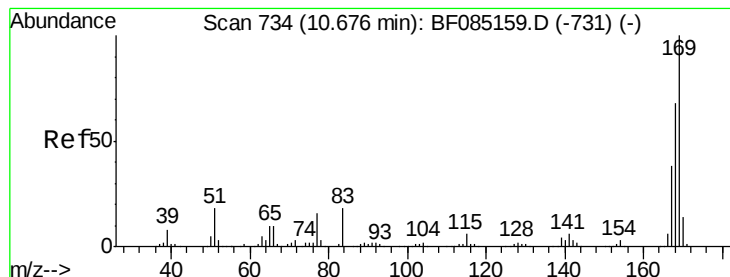
#64
4,6-Dinitro-2-methylphenol
Concen: 31.37 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:198 Resp: 76974
Ion Ratio Lower Upper
198 100
51 18.7 9.5 49.5
105 28.0 20.5 60.5



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

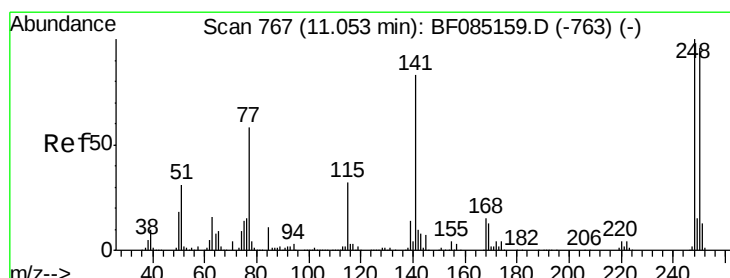
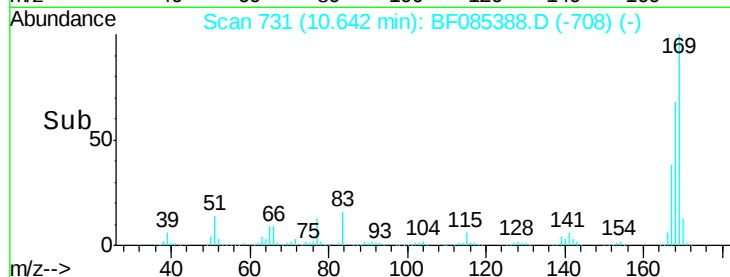
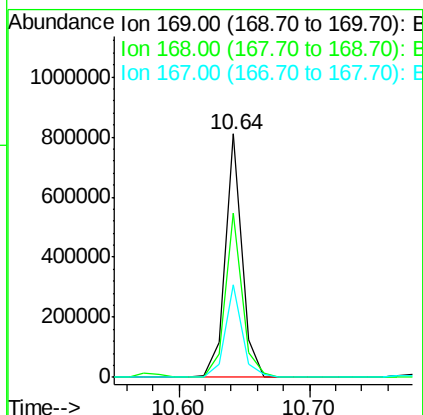
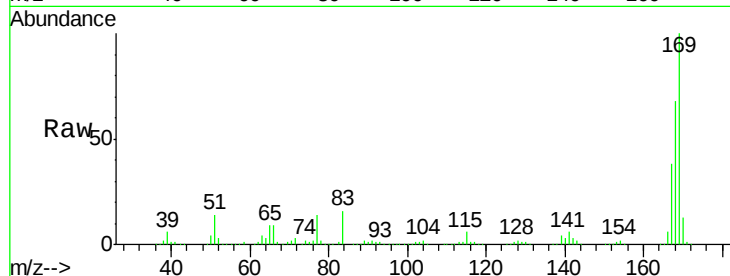




#65
 n-Nitrosodiphenylamine
 Concen: 56.87 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

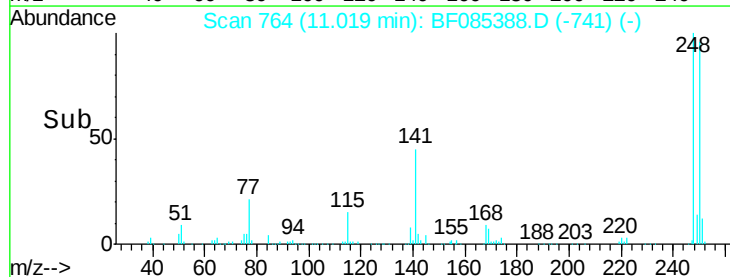
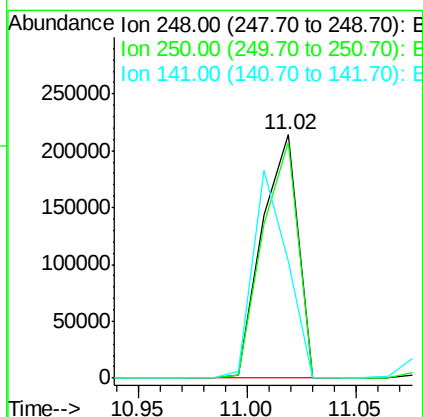
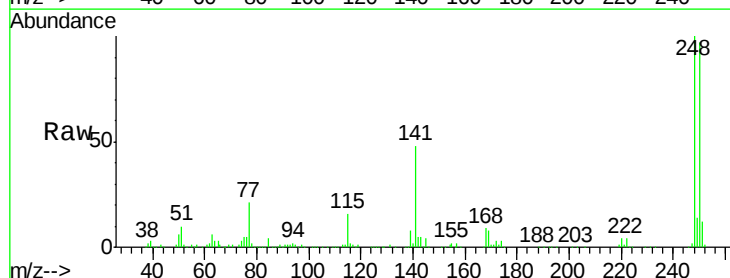
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

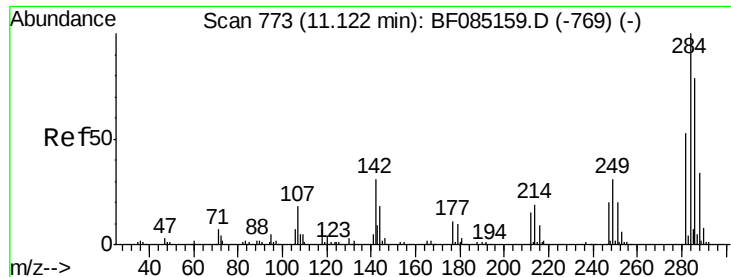
Tgt Ion:169 Resp: 724958
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.8 82.2
 167 37.9 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 62.32 ng
 RT: 11.02 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:248 Resp: 248016
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.1 115.7
 141 47.9 66.2 99.2#

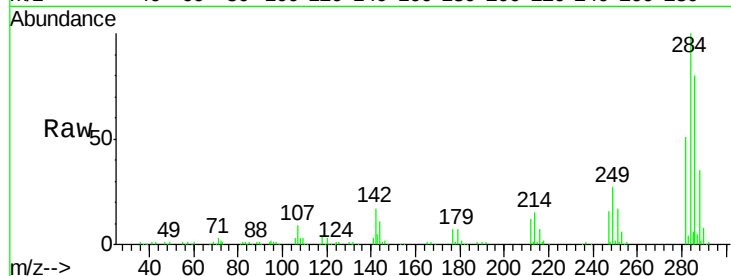




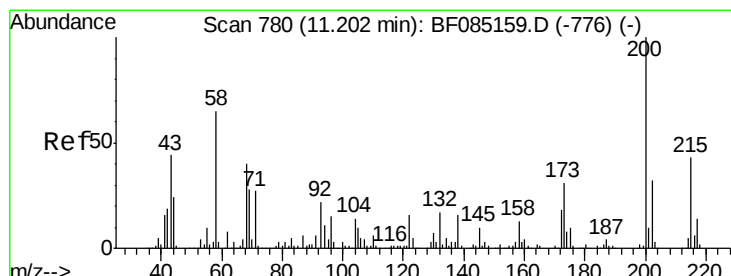
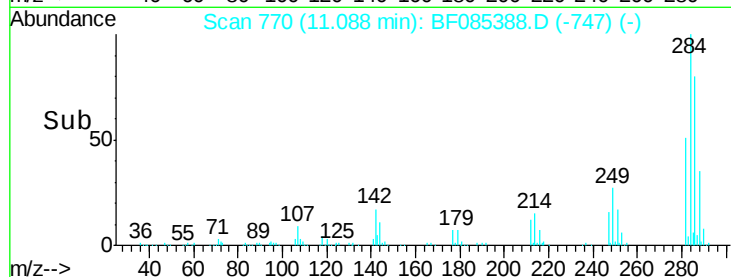
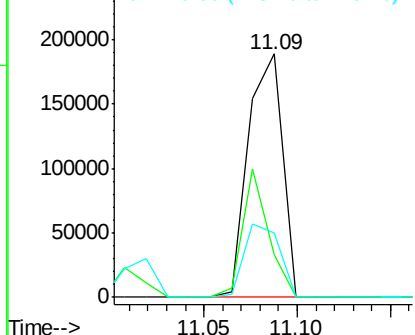
#67
Hexachlorobenzene
Concen: 56.26 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Tgt Ion:284 Resp: 238860
Ion Ratio Lower Upper
284 100
142 17.4 24.9 37.3#
249 26.6 25.0 37.4

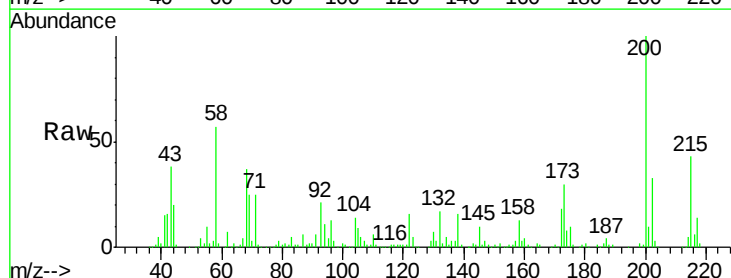


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

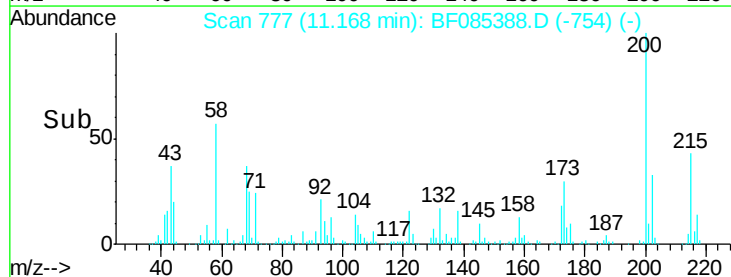
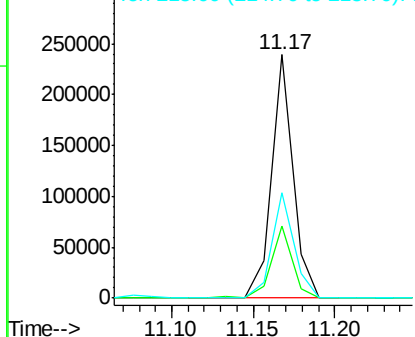


#68
Atrazine
Concen: 62.19 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:200 Resp: 220470
Ion Ratio Lower Upper
200 100
173 29.8 10.5 50.5
215 43.4 23.4 63.4



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

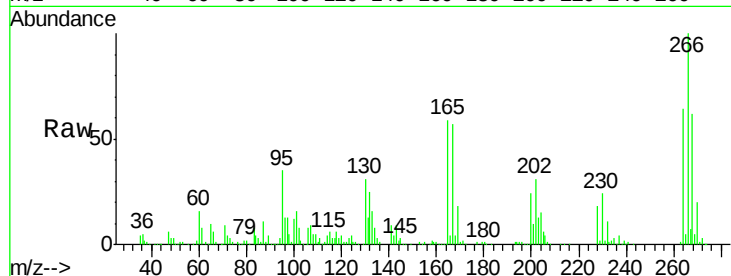




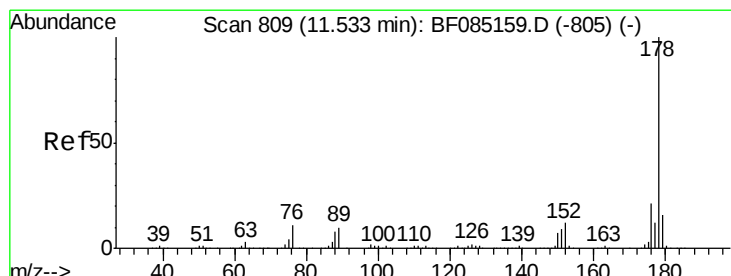
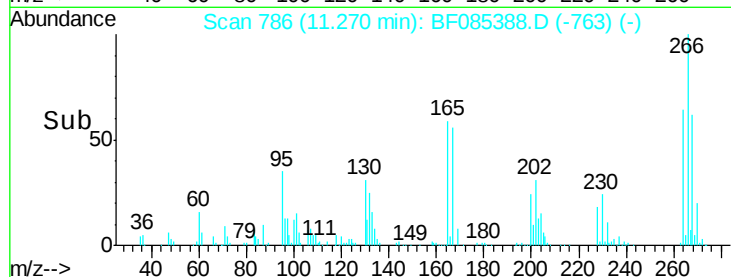
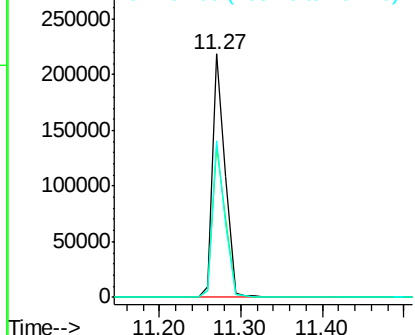
#69
 Pentachlorophenol
 Concen: 101.06 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion:266 Resp: 238156
 Ion Ratio Lower Upper
 266 100
 268 62.0 50.0 75.0
 264 64.5 51.4 77.2

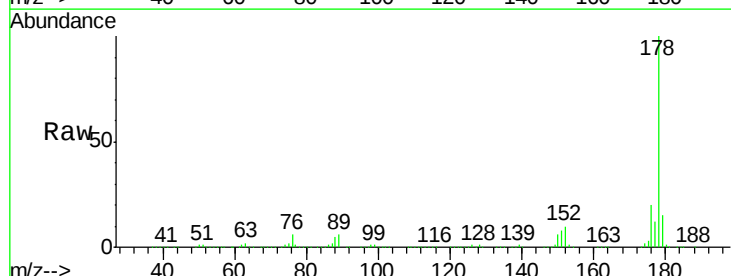


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

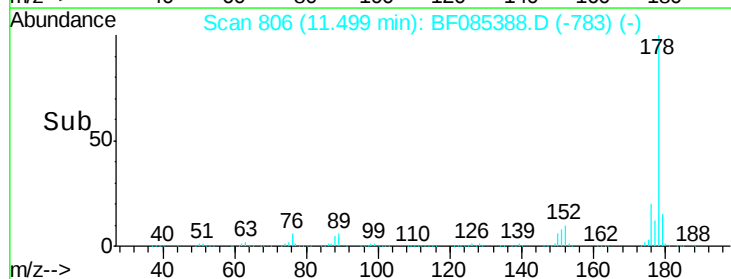
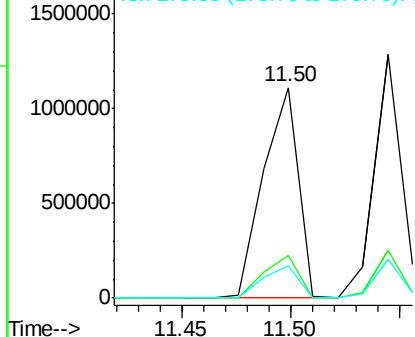


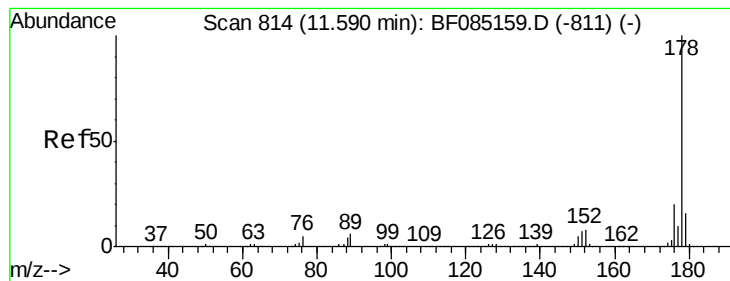
#70
 Phenanthrene
 Concen: 58.13 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:178 Resp: 1248676
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 15.3 13.1 19.7



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





#71

Anthracene

Concen: 49.09 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

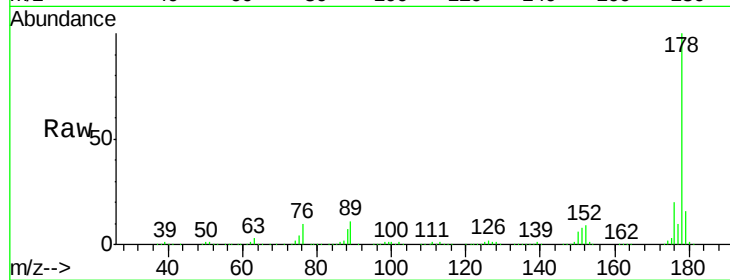
Tgt Ion:178 Resp: 1119364

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

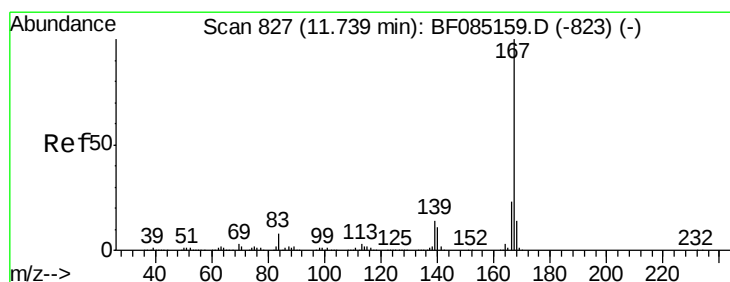
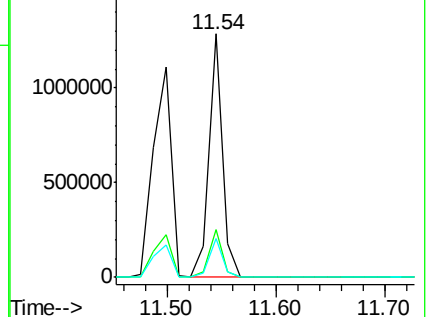
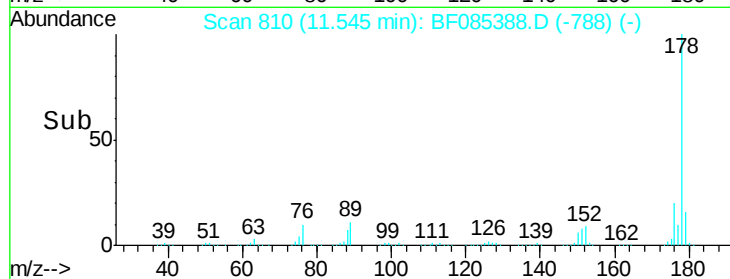
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 53.04 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

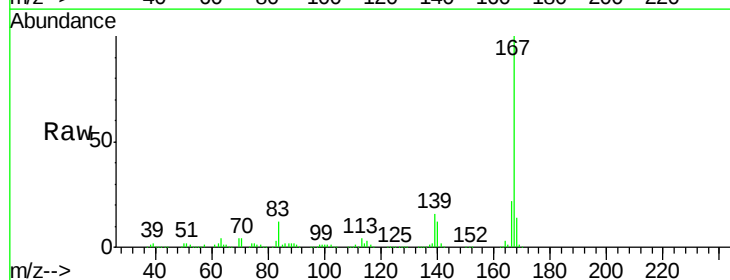
Tgt Ion:167 Resp: 1060416

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

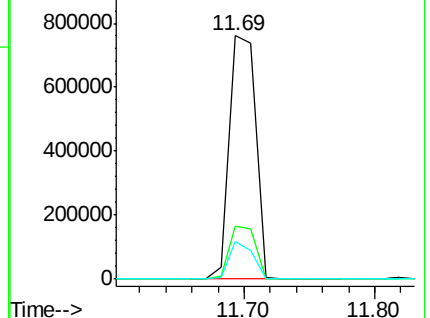
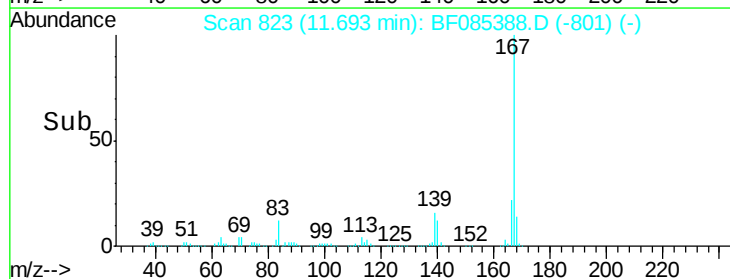
139 15.6 11.4 17.0

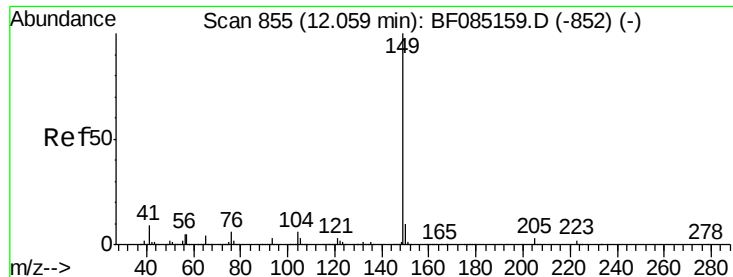


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.48 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

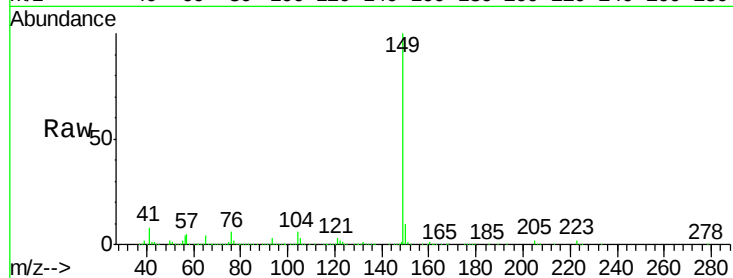
Tgt Ion:149 Resp: 1326312

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

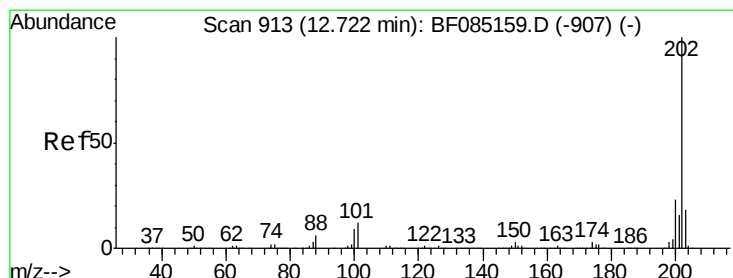
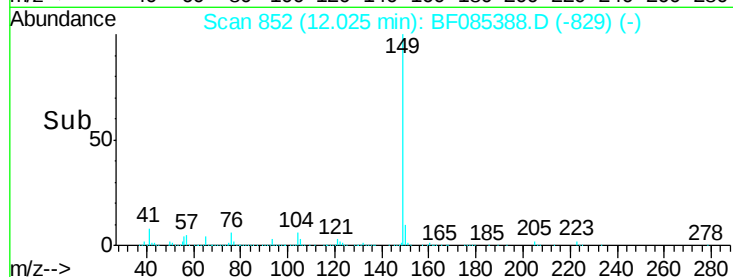
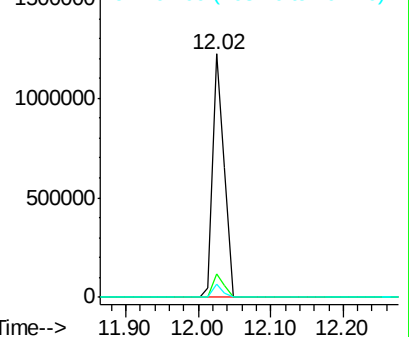
104 5.7 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.15 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

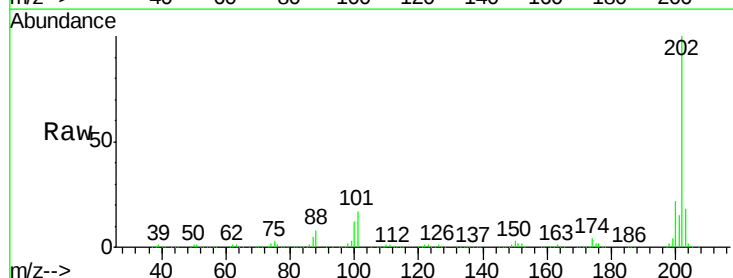
Tgt Ion:202 Resp: 994699

Ion Ratio Lower Upper

202 100

101 16.6 0.0 31.8

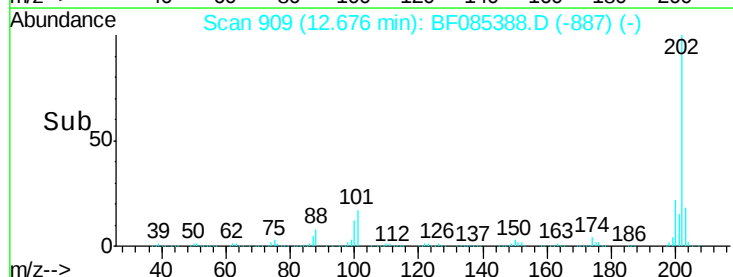
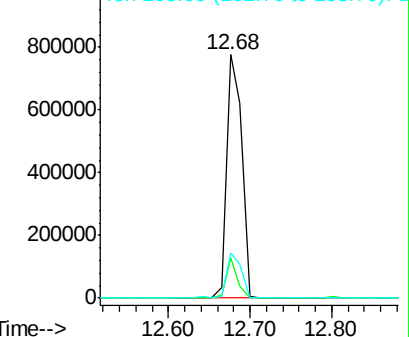
203 18.3 0.0 38.4

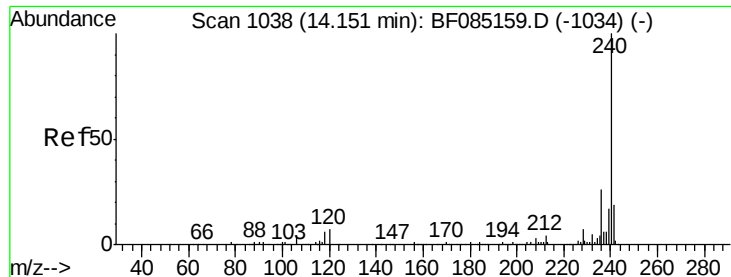


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

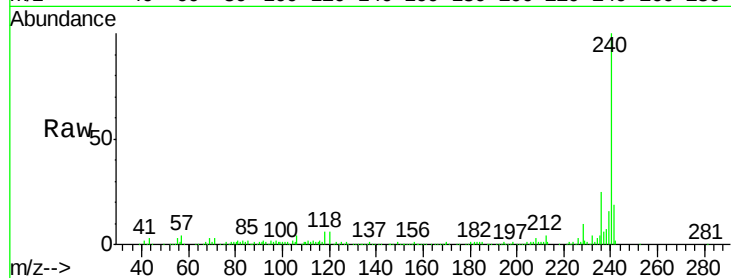
Tgt Ion:240 Resp: 192396

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

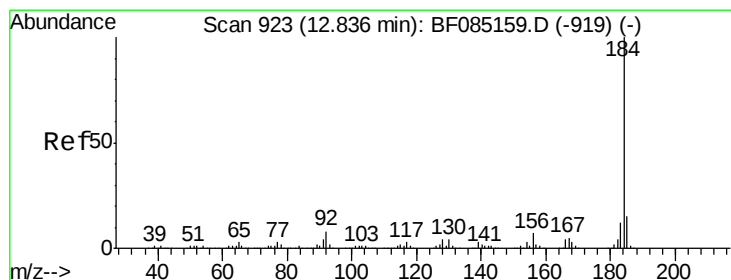
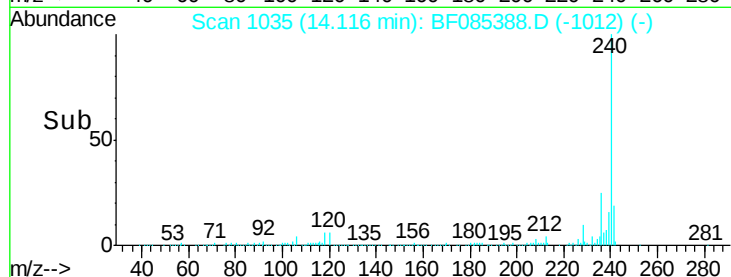
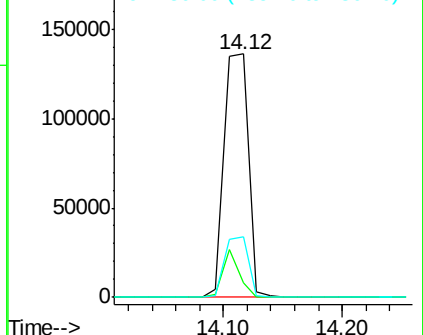
236 24.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 129.30 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

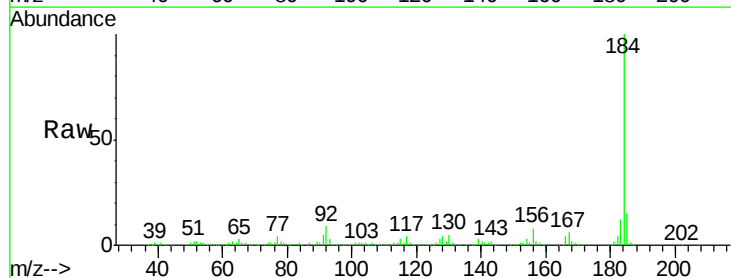
Tgt Ion:184 Resp: 740390

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

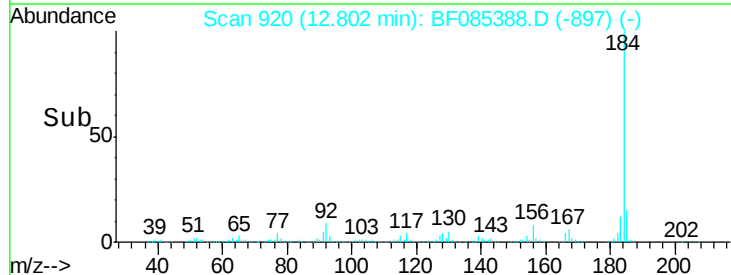
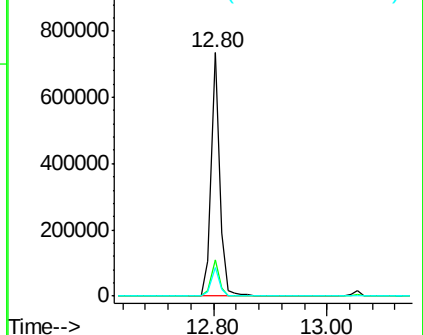
183 11.9 9.4 14.2

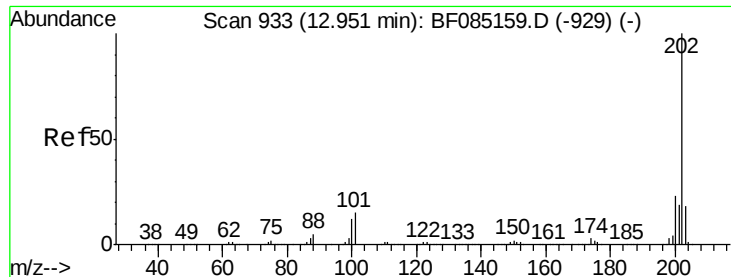


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

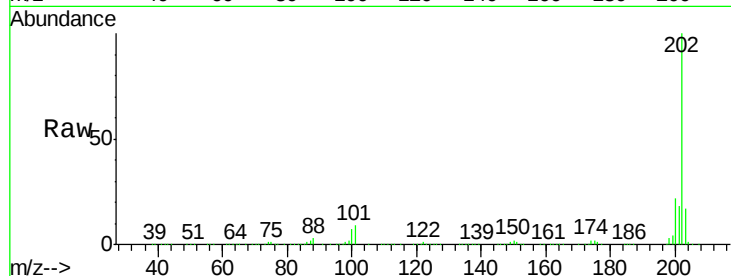




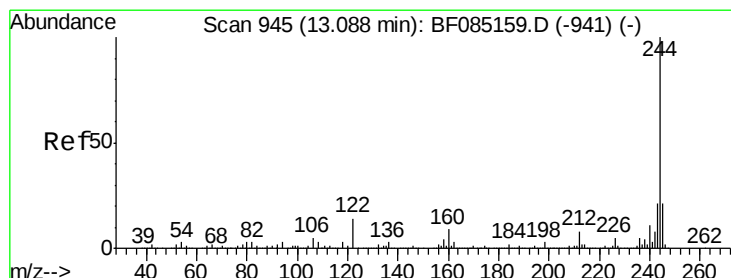
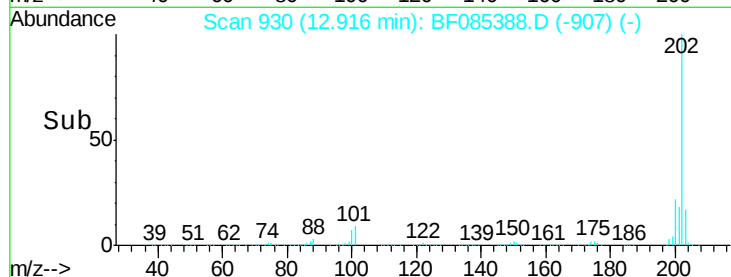
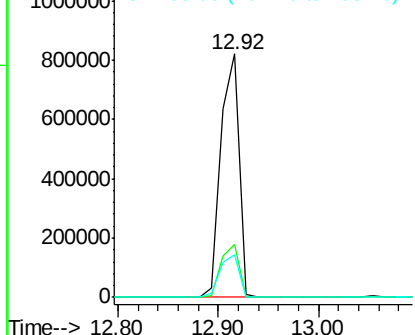
#77
 Pyrene
 Concen: 71.18 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion: 202 Resp: 1030706
 Ion Ratio Lower Upper
 202 100
 200 21.6 18.2 27.4
 203 17.3 14.7 22.1

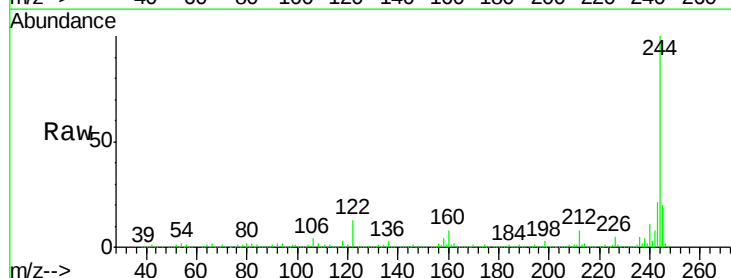


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

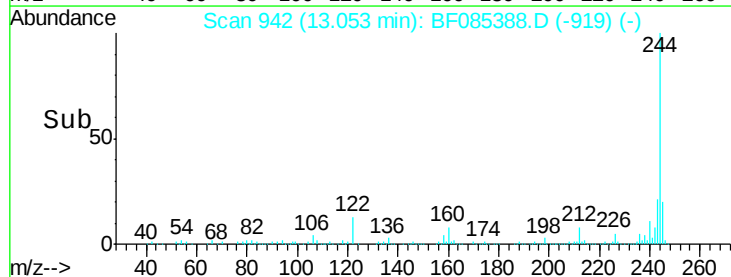
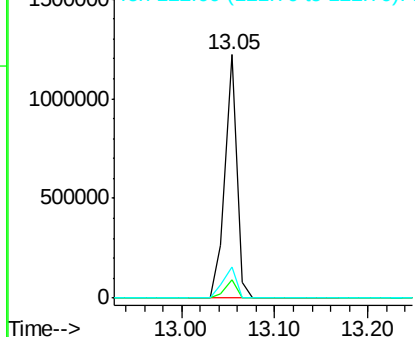


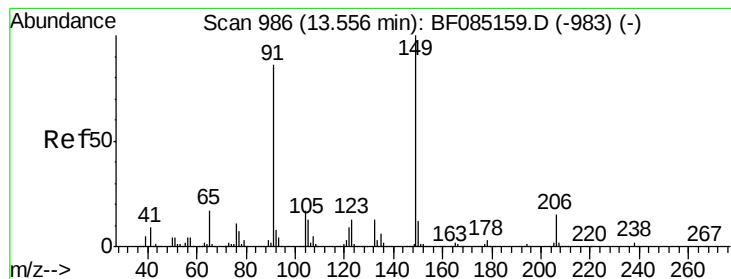
#78
 Terphenyl-d14
 Concen: 130.43 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion: 244 Resp: 1080953
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 12.6 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 52.52 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

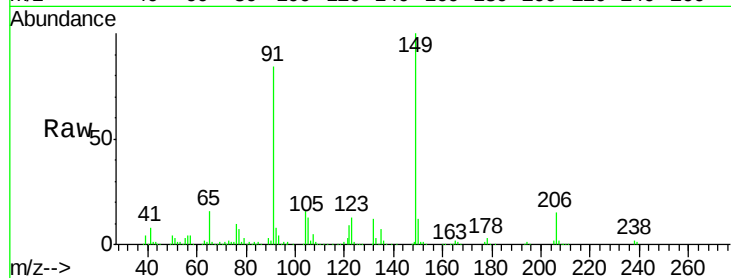
Tgt Ion:149 Resp: 345111

Ion Ratio Lower Upper

149 100

91 84.2 69.0 103.4

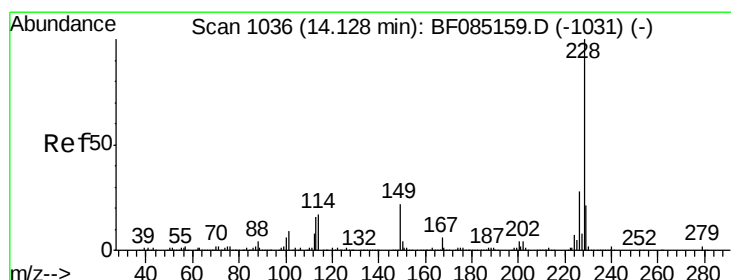
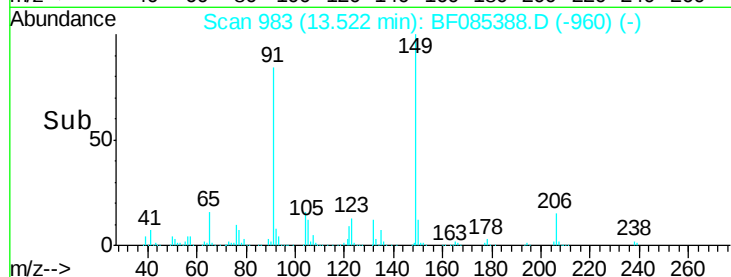
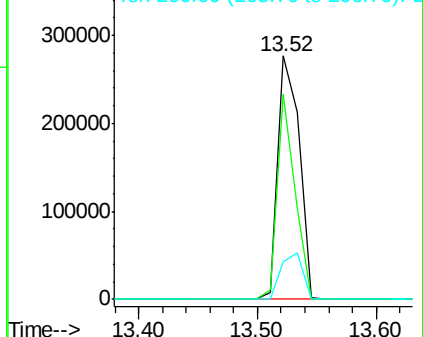
206 15.4 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.32 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

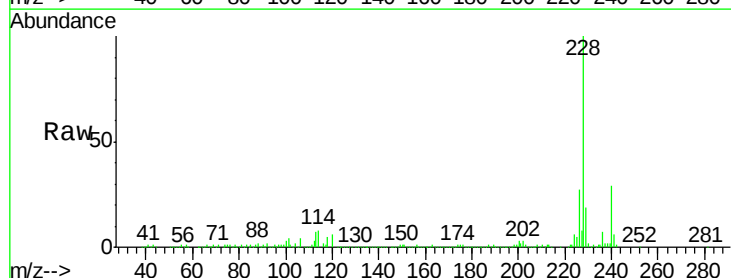
Tgt Ion:228 Resp: 625655

Ion Ratio Lower Upper

228 100

226 27.4 22.8 34.2

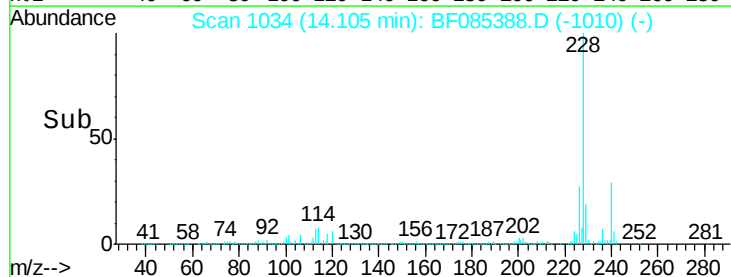
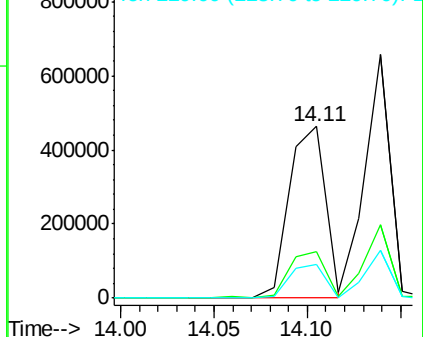
229 19.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

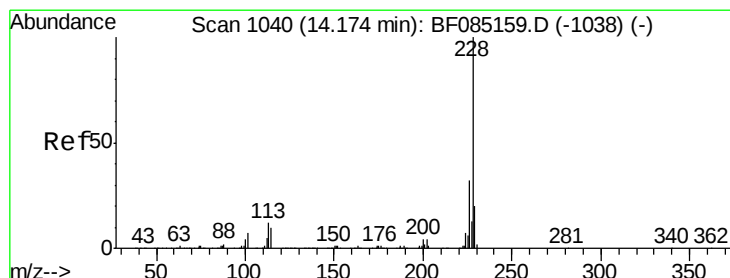
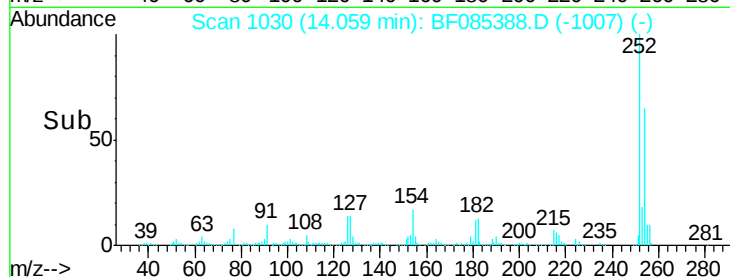
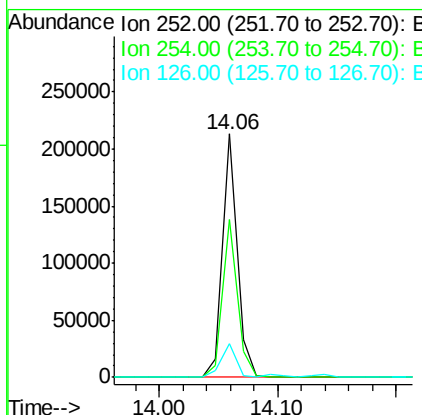
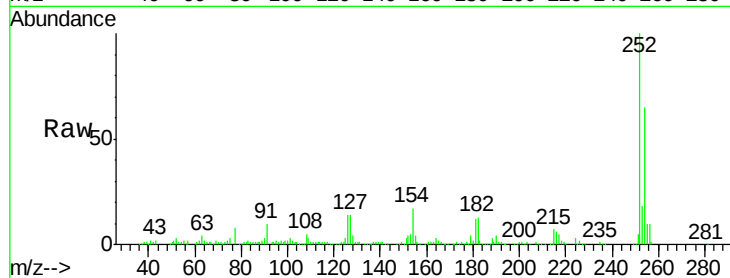




#81
 3,3'-Dichlorobenzidine
 Concen: 50.14 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

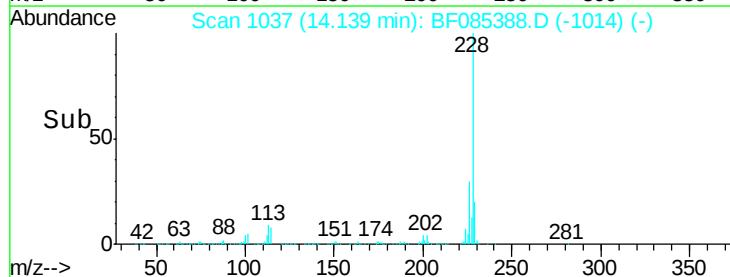
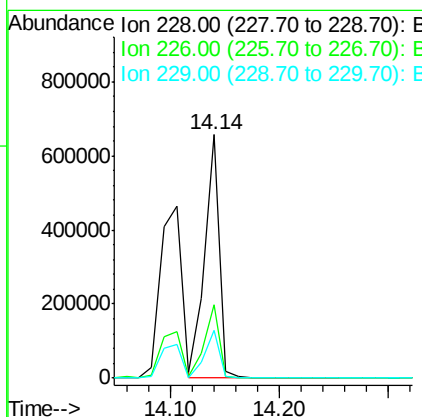
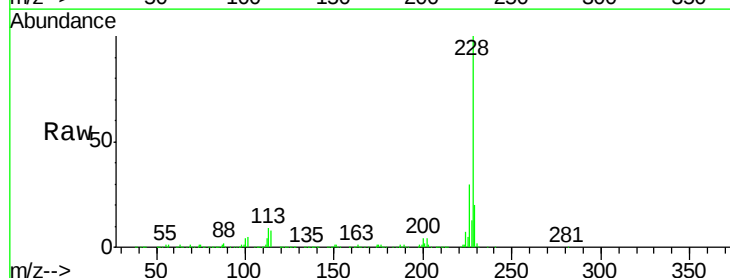
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.0
126	13.7	12.9	19.3



#82
 Chrysene
 Concen: 57.94 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	19.6	16.0	24.0

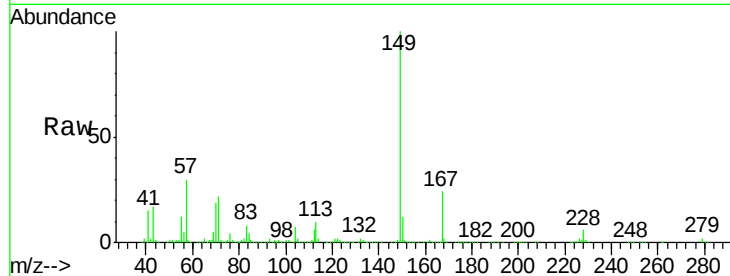




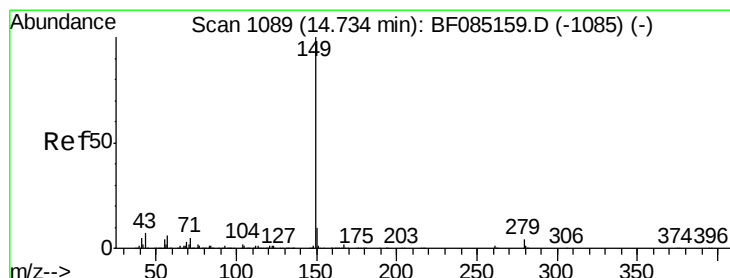
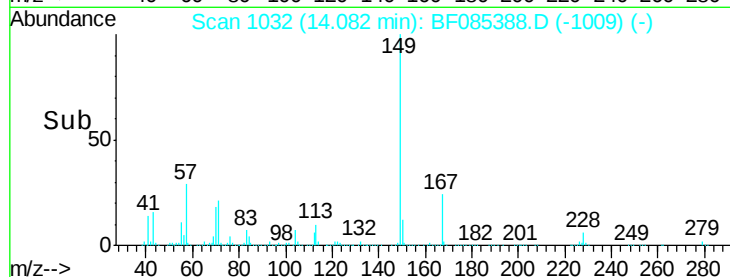
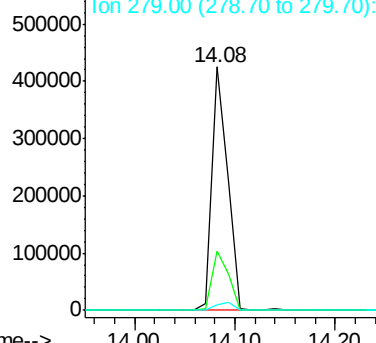
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.14 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

Tgt Ion:149 Resp: 459446
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.3 30.5
 279 2.0 1.9 2.9

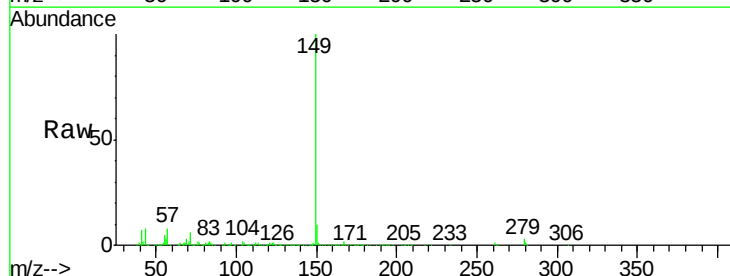


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

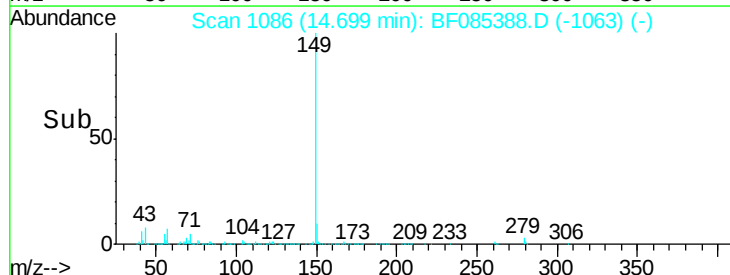
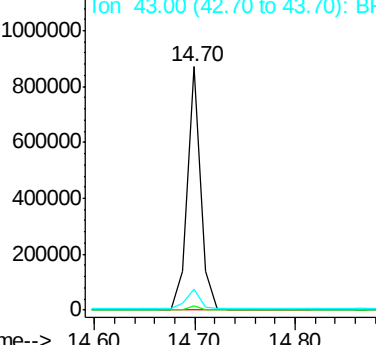


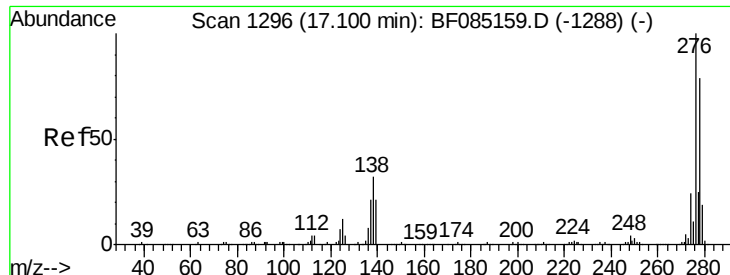
#84
 Di-n-octyl phthalate
 Concen: 60.17 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion:149 Resp: 792336
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.7 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

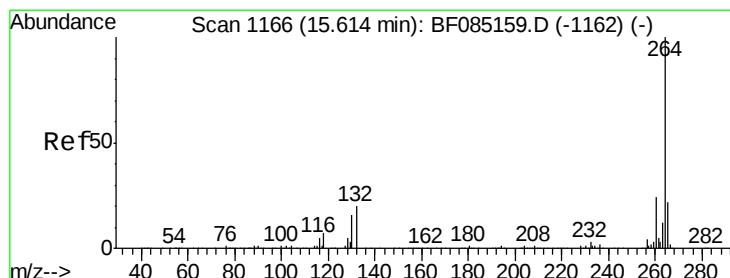
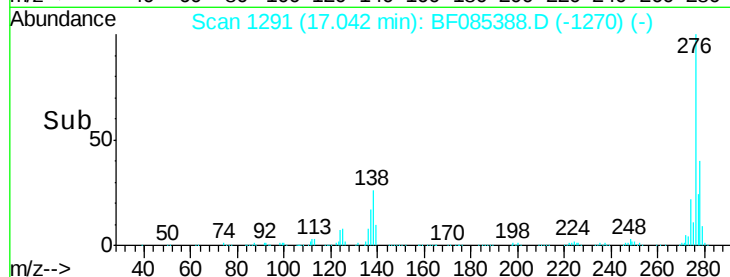
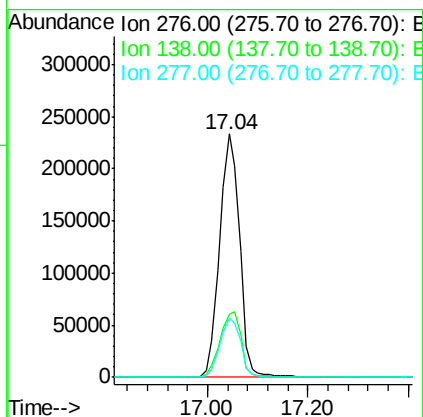
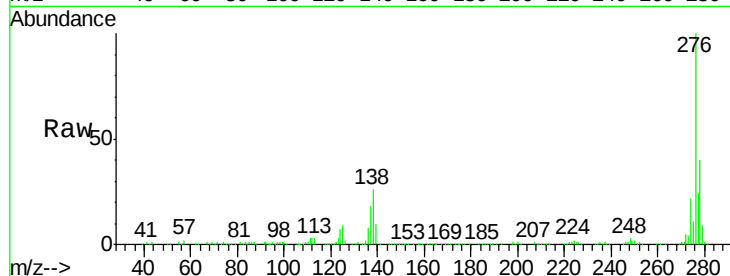




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.91 ng
 RT: 17.04 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

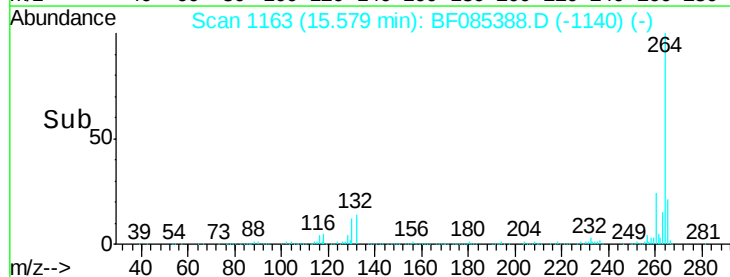
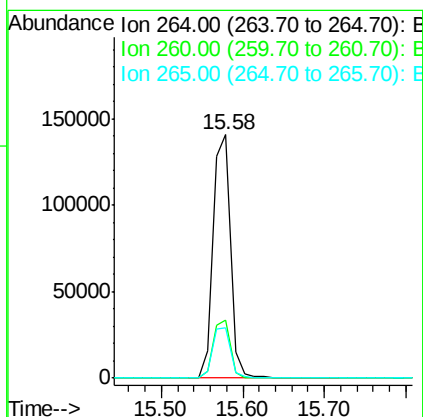
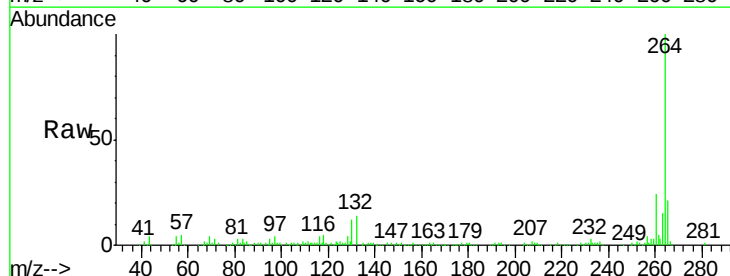
Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310MS

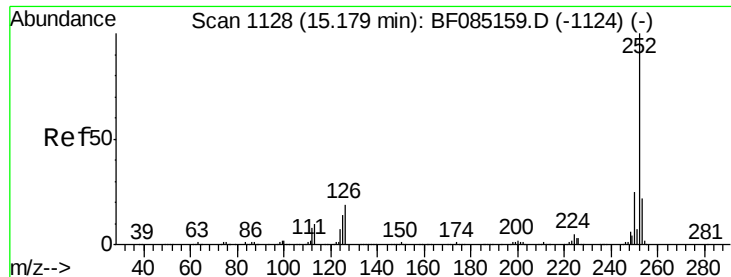
Tgt Ion: 276 Resp: 646913
 Ion Ratio Lower Upper
 276 100
 138 29.1 26.4 39.6
 277 25.4 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085388.D
 Acq: 11 Mar 2016 22:52

Tgt Ion: 264 Resp: 210682
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.8 17.3 25.9

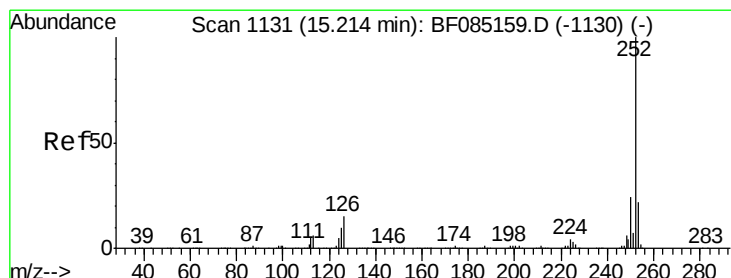
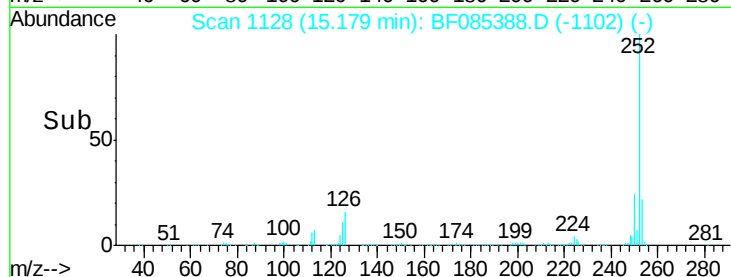
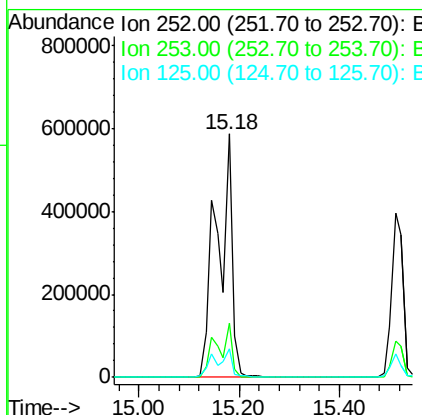
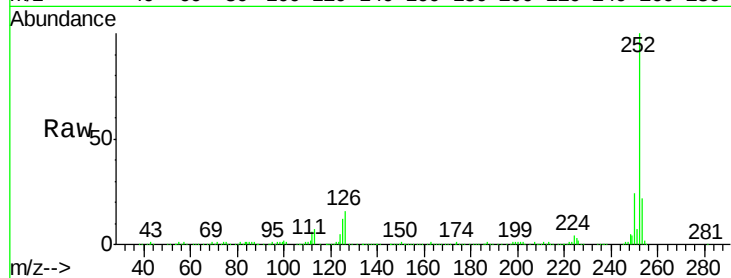




#87
Benzo(b)fluoranthene
Concen: 88.53 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

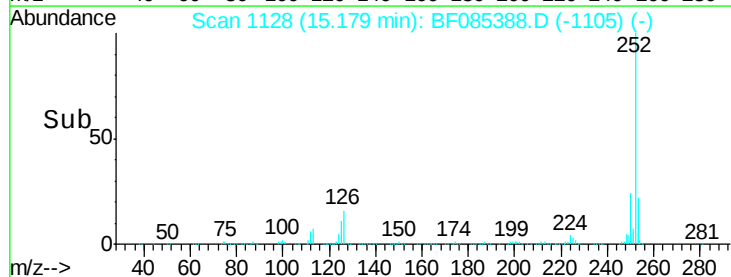
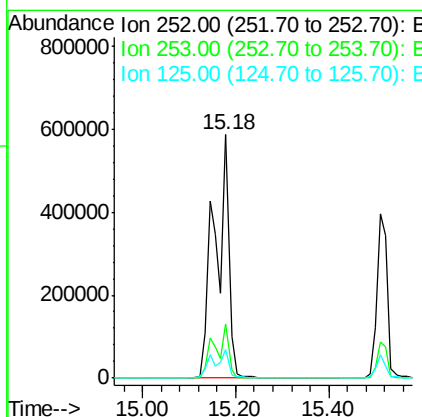
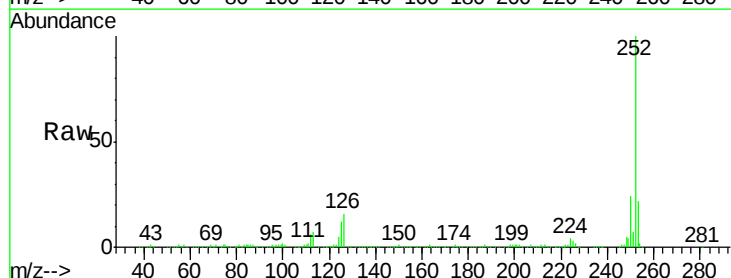
Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

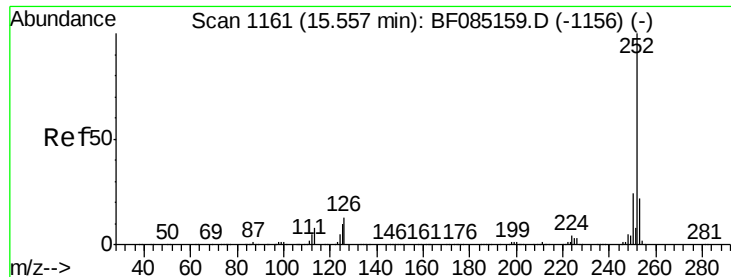
Tgt Ion:252 Resp: 1243174
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.7 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 109.81 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085388.D
Acq: 11 Mar 2016 22:52

Tgt Ion:252 Resp: 1243781
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.7 10.4 15.6





#89

Benzo(a)pyrene

Concen: 53.61 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

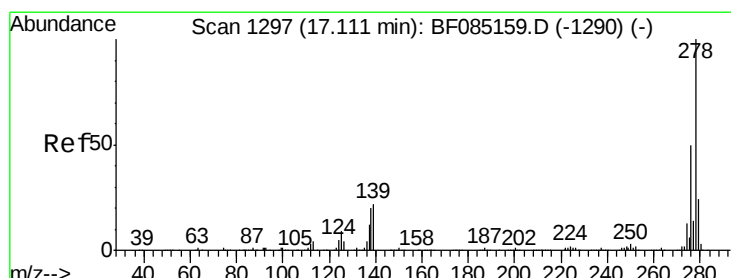
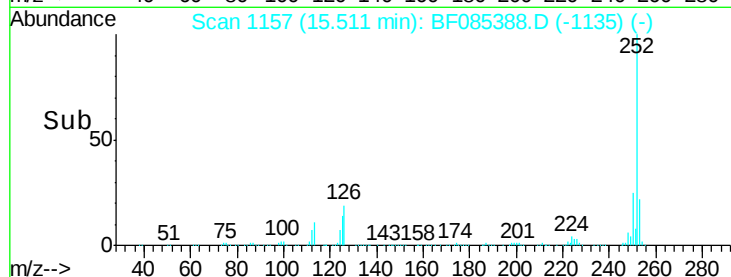
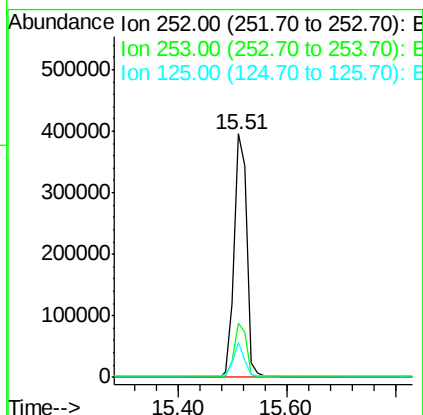
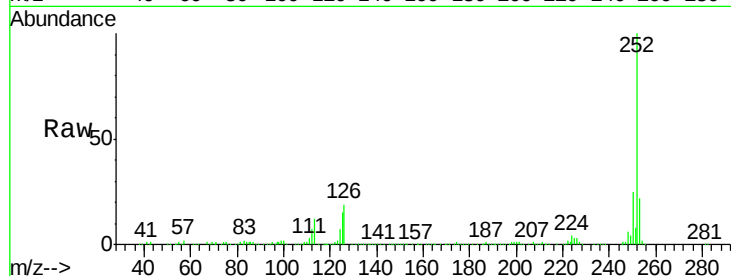
Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS

Tgt Ion:	252	Resp:	623907
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	14.5	8.2	12.4#



#90

Dibenzo(a,h)anthracene

Concen: 55.83 ng

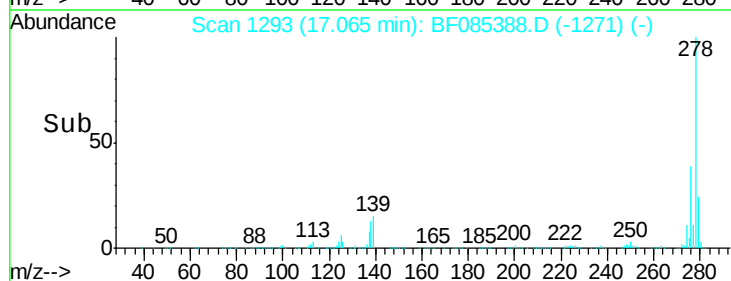
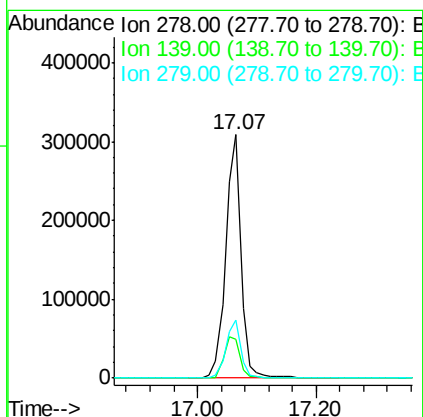
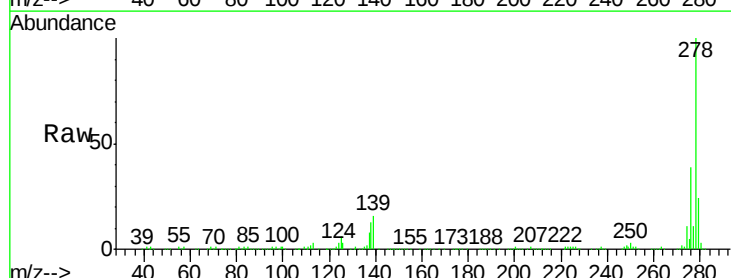
RT: 17.07 min Scan# 1293

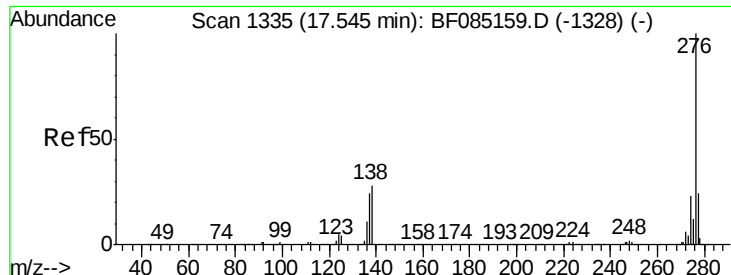
Delta R.T. -0.05 min

Lab File: BF085388.D

Acq: 11 Mar 2016 22:52

Tgt Ion:	278	Resp:	554619
Ion Ratio	Lower	Upper	
278	100		
139	15.7	17.3	25.9#
279	23.6	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 51.37 ng

RT: 17.49 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF085388.D

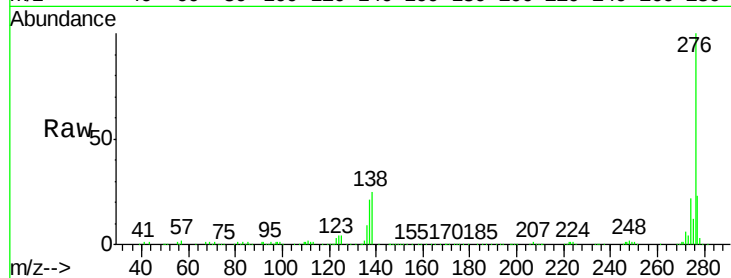
Acq: 11 Mar 2016 22:52

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310MS



Tgt Ion:	276	Resp:	513055
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.0	28.4
138	24.7	22.5	33.7

