

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085910.D
 Acq On : 31 Mar 2016 4:25
 Operator : UM/SJ
 Sample : H2049-05MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Quant Time: Mar 31 03:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104512	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	404355	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186718	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305255	20.00	ng	0.00
75) Chrysene-d12	13.96	240	193119	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201550	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	961380	153.20	ng	0.01
7) Phenol-d6	6.45	99	1133618	142.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	753314	104.91	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	236557	133.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1168751	104.58	ng	0.00
78) Terphenyl-d14	12.90	244	814060	86.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	129879	43.34	ng	100
3) Pyridine	3.11	79	328696	45.75	ng	100
4) n-Nitrosodimethylamine	3.06	42	152415	53.00	ng	97
6) Aniline	6.47	93	314308	29.27	ng	98
8) 2-Chlorophenol	6.58	128	361680	49.60	ng	94
9) Benzaldehyde	6.34	77	186317	38.76	ng	98
10) Phenol	6.46	94	484886	53.64	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	333779	47.98	ng	97
12) 1,3-Dichlorobenzene	6.97	146	355225	45.24	ng	98
13) 1,4-Dichlorobenzene	6.81	146	369772	46.44	ng	98
14) 1,2-Dichlorobenzene	6.97	146	355654	47.93	ng	98
15) Benzyl Alcohol	6.95	79	275013	51.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	437634	47.42	ng	93
17) 2-Methylphenol	7.06	107	292788	50.16	ng	98
18) Hexachloroethane	7.30	117	132280	45.37	ng	# 81
19) n-Nitroso-di-n-propylamine	7.22	70	245866	51.46	ng	96
20) 3+4-Methylphenols	7.22	107	364342	51.91	ng	# 77
22) Acetophenone	7.21	105	476158	50.55	ng	95
24) Nitrobenzene	7.38	77	356159	48.12	ng	98
25) Isophorone	7.62	82	698990	50.53	ng	100
26) 2-Nitrophenol	7.70	139	192326	51.94	ng	91
27) 2,4-Dimethylphenol	7.75	122	342581	52.93	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	454051	57.61	ng	99
29) 2,4-Dichlorophenol	7.96	162	286675	52.69	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	291600	48.27	ng	97
31) Naphthalene	8.10	128	943168	46.29	ng	100
32) Benzoic acid	7.83	122	19876	4.62	ng	95
33) 4-Chloroaniline	8.16	127	150527	18.10	ng	97
34) Hexachlorobutadiene	8.23	225	151999	46.30	ng	98
35) Caprolactam	8.54	113	95883	49.75	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	310001	48.77	ng	96
37) 2-Methylnaphthalene	8.80	142	663414	60.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	261596	47.24	ng	99
40) Hexachlorocyclopentadiene	8.95	237	86643	42.42	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085910.D
 Acq On : 31 Mar 2016 4:25
 Operator : UM/SJ
 Sample : H2049-05MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Quant Time: Mar 31 03:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

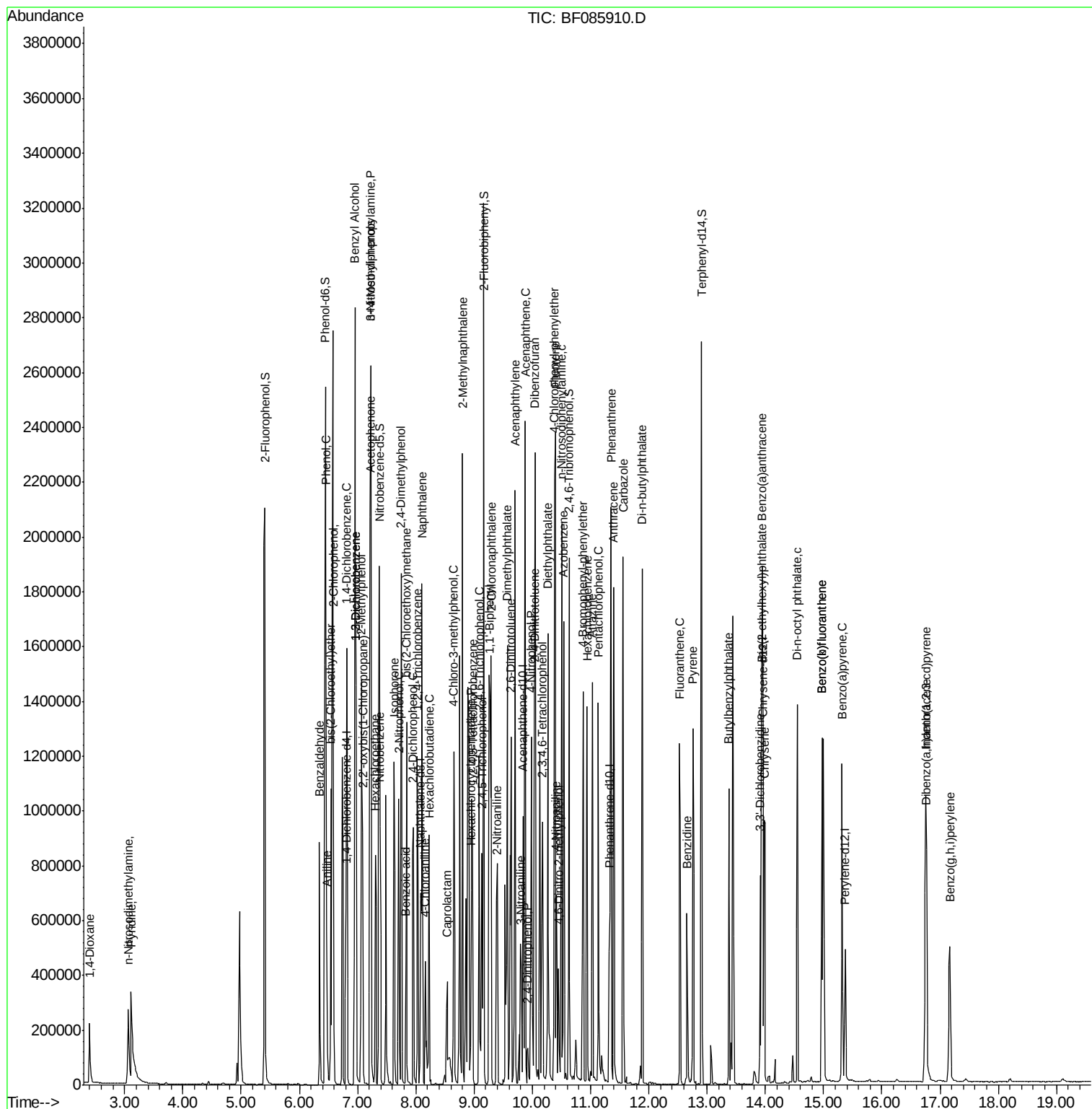
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194690	52.06	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	191735	48.89	ng	99
45) 1,1'-Biphenyl	9.27	154	733539	46.56	ng	93
46) 2-Chloronaphthalene	9.29	162	584399	50.44	ng	99
47) 2-Nitroaniline	9.38	65	185104	52.25	ng	# 83
48) Acenaphthylene	9.70	152	925636	49.03	ng	100
49) Dimethylphthalate	9.57	163	905141	63.90	ng	100
50) 2,6-Dinitrotoluene	9.64	165	160650	52.69	ng	# 85
51) Acenaphthene	9.88	154	531774	46.12	ng	99
52) 3-Nitroaniline	9.81	138	122993	35.24	ng	# 76
53) 2,4-Dinitrophenol	9.92	184	32396	25.48	ng	# 74
54) Dibenzofuran	10.05	168	753676	50.50	ng	98
55) 4-Nitrophenol	9.98	139	217967	95.86	ng	98
56) 2,4-Dinitrotoluene	10.04	165	177816	45.88	ng	# 41
57) Fluorene	10.39	166	597717	48.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	148740	54.57	ng	95
59) Diethylphthalate	10.26	149	627952	44.87	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	260418	42.93	ng	99
61) 4-Nitroaniline	10.41	138	141100	42.27	ng	88
62) Azobenzene	10.54	77	684494	50.89	ng	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	50393	28.19	ng	97
65) n-Nitrosodiphenylamine	10.50	169	553814	57.28	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	172851	55.35	ng	98
67) Hexachlorobenzene	10.94	284	174857	53.54	ng	95
68) Atrazine	11.03	200	162686	49.84	ng	98
69) Pentachlorophenol	11.13	266	151203	94.30	ng	100
70) Phenanthrene	11.35	178	848370	54.13	ng	100
71) Anthracene	11.40	178	777126	47.23	ng	99
72) Carbazole	11.56	167	713795	51.67	ng	99
73) Di-n-butylphthalate	11.89	149	983105	51.86	ng	100
74) Fluoranthene	12.53	202	692058	41.54	ng	99
76) Benzidine	12.65	184	288829	42.47	ng	98
77) Pyrene	12.76	202	644794	40.62	ng	99
79) Butylbenzylphthalate	13.37	149	328629	49.43	ng	# 64
80) Benzo(a)anthracene	13.95	228	530840	48.21	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	144237	18.87	ng	99
82) Chrysene	13.99	228	514440	46.38	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	429955	54.02	ng	100
84) Di-n-octyl phthalate	14.55	149	745848	63.01	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	531822	62.09	ng	99
87) Benzo(b)fluoranthene	14.97	252	1086421	85.57	ng	98
88) Benzo(k)fluoranthene	14.97	252	1086421	94.91	ng	99
89) Benzo(a)pyrene	15.32	252	536191	47.56	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	464194	44.32	ng	97
91) Benzo(g,h,i)perylene	17.17	276	406362	38.31	ng	96

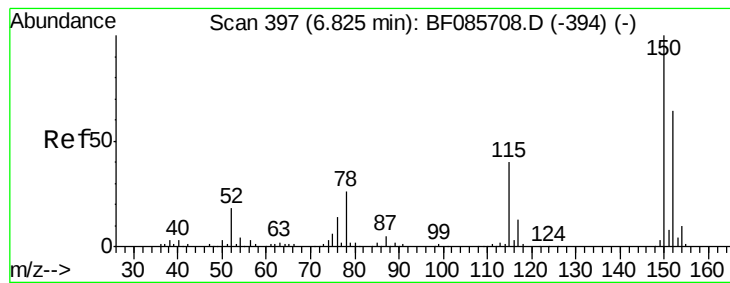
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085910.D
 Acq On : 31 Mar 2016 4:25
 Operator : UM/SJ
 Sample : H2049-05MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Quant Time: Mar 31 03:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

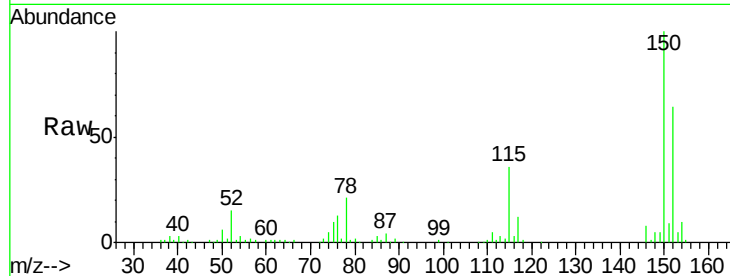
Tgt Ion:152 Resp: 104512

Ion Ratio Lower Upper

152 100

150 157.1 124.2 186.2

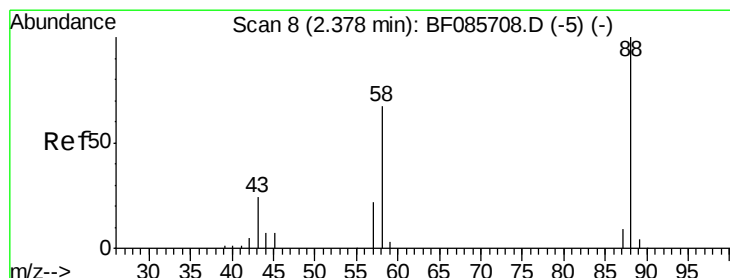
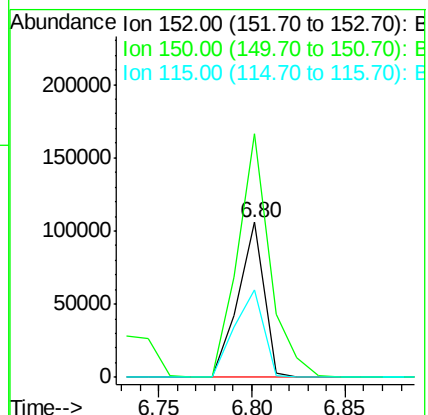
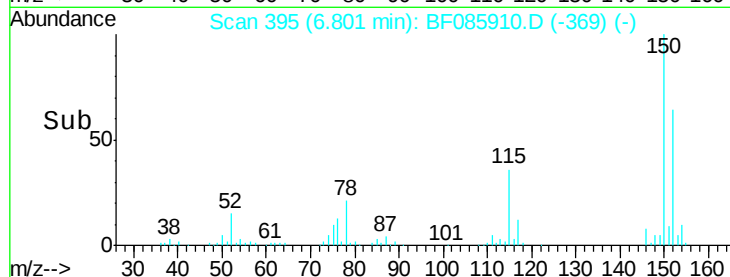
115 56.1 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.34 ng

RT: 2.40 min Scan# 10

Delta R.T. 0.07 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

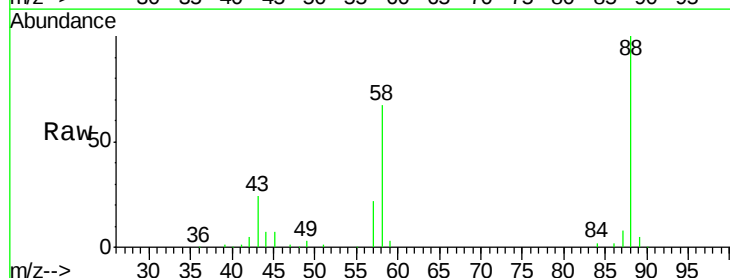
Tgt Ion: 88 Resp: 129879

Ion Ratio Lower Upper

88 100

58 67.9 54.2 81.2

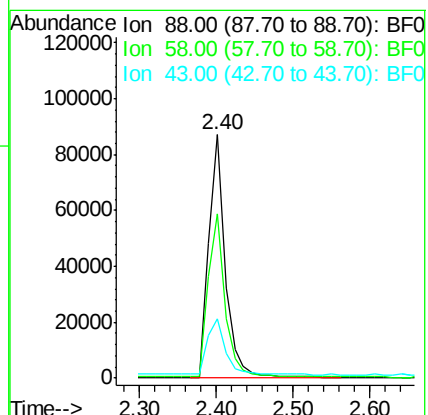
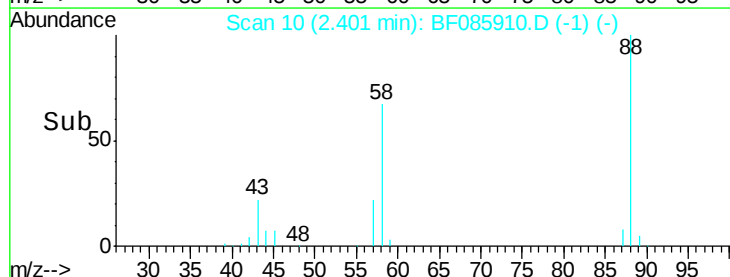
43 24.3 19.3 28.9

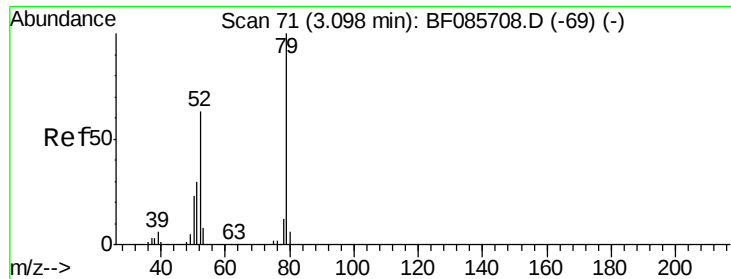


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.75 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.06 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

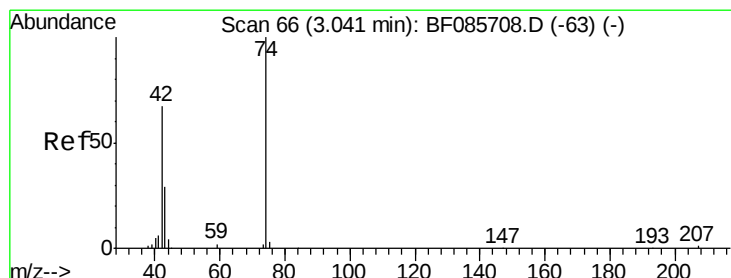
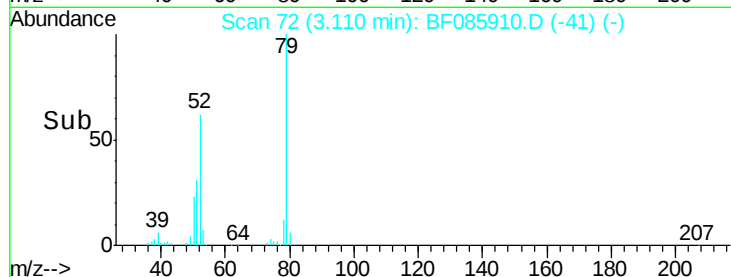
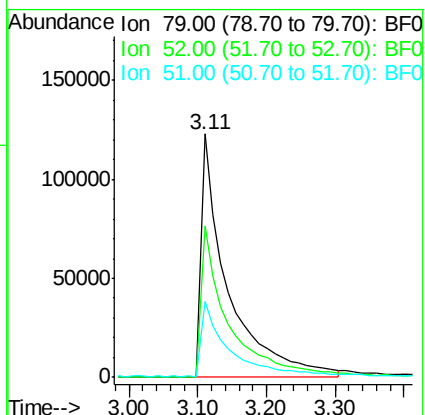
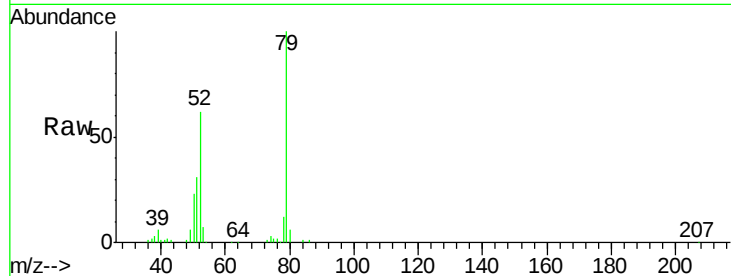
Tgt Ion: 79 Resp: 328696

Ion Ratio Lower Upper

79 100

52 62.2 49.8 74.6

51 31.0 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 53.00 ng

RT: 3.06 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

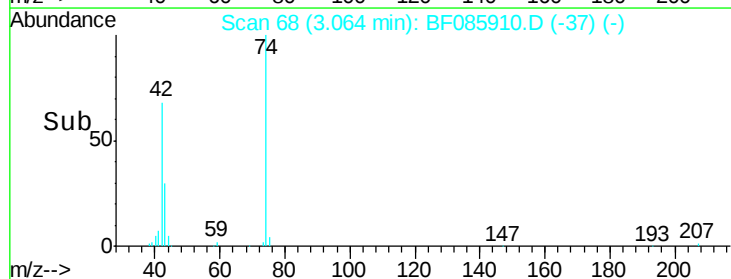
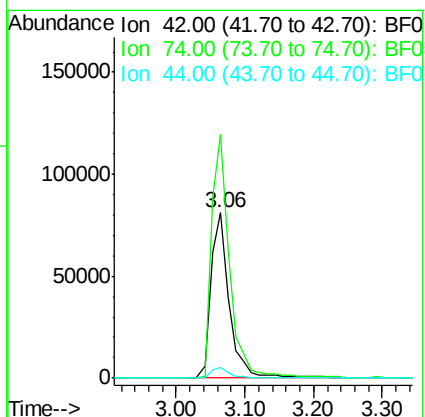
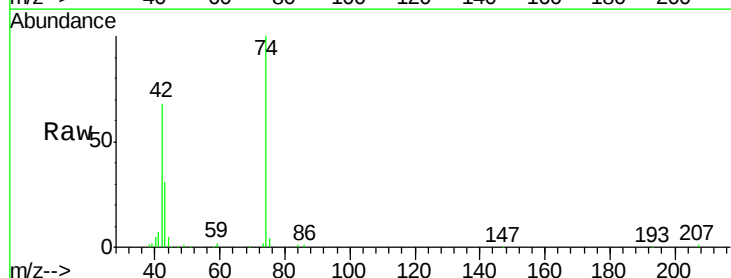
Tgt Ion: 42 Resp: 152415

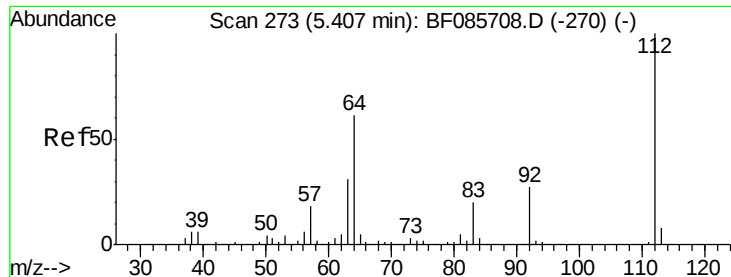
Ion Ratio Lower Upper

42 100

74 147.5 121.4 182.2

44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 153.20 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

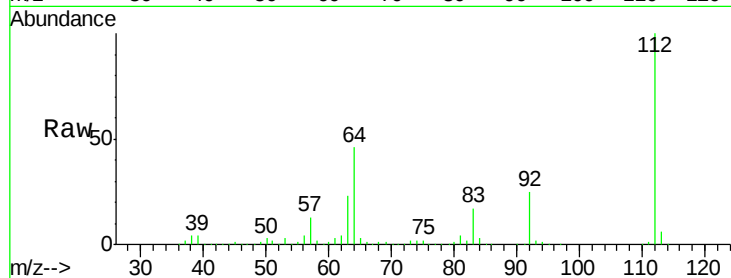
Tgt Ion: 112 Resp: 961380

Ion Ratio Lower Upper

112 100

64 45.8 39.9 59.9

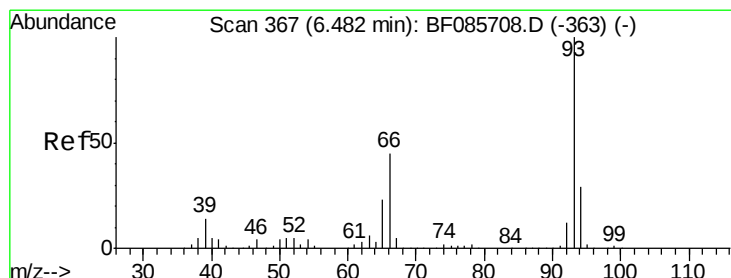
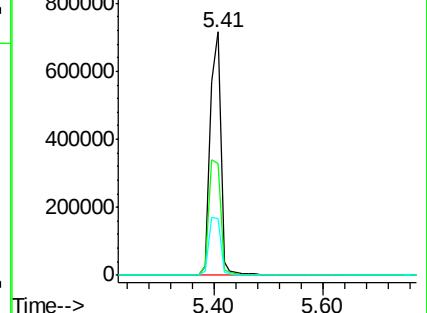
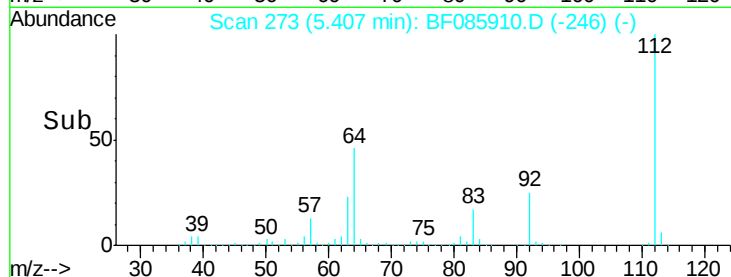
63 23.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.27 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

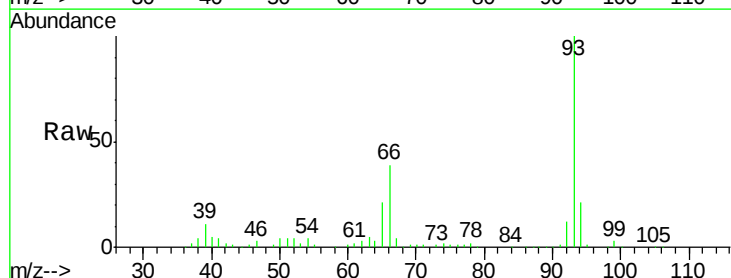
Tgt Ion: 93 Resp: 314308

Ion Ratio Lower Upper

93 100

66 38.5 31.4 47.2

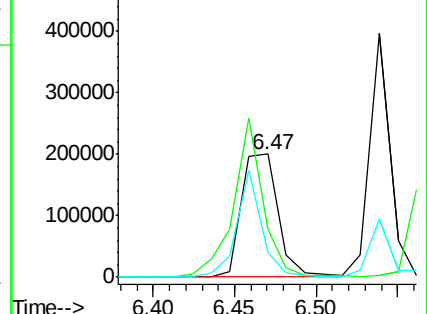
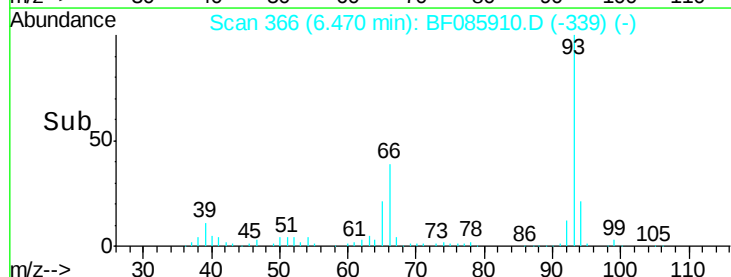
65 20.5 15.7 23.5

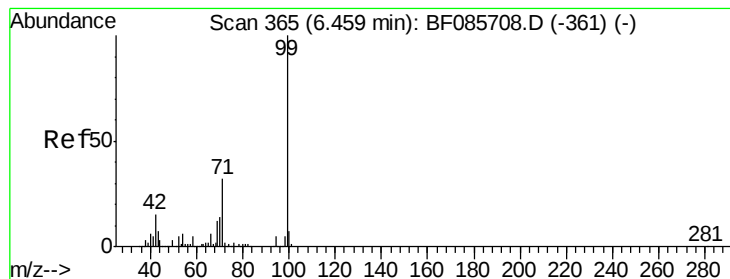


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.08 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

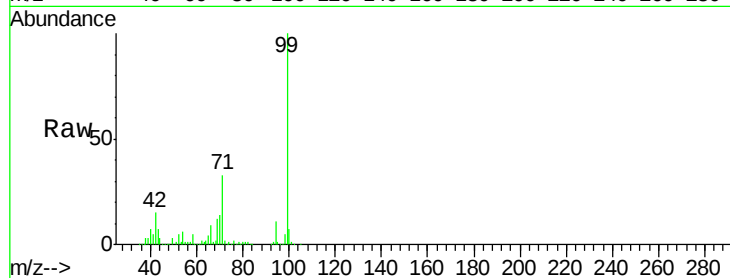
Tgt Ion: 99 Resp: 1133618

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

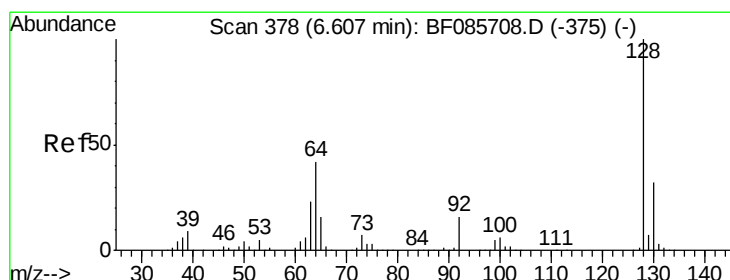
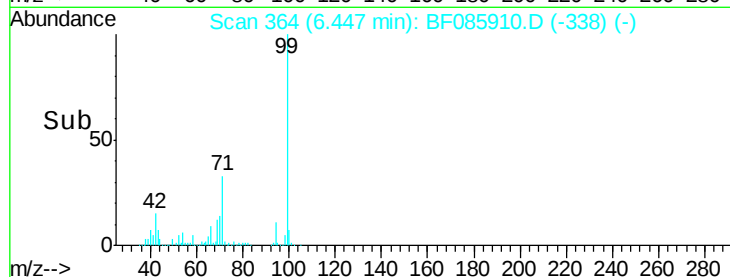
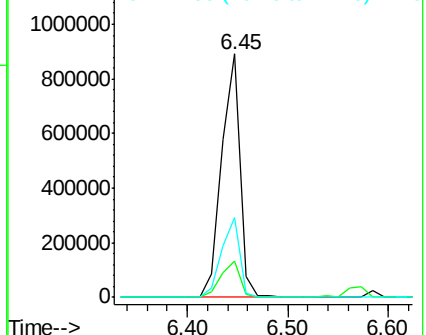
71 32.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.60 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

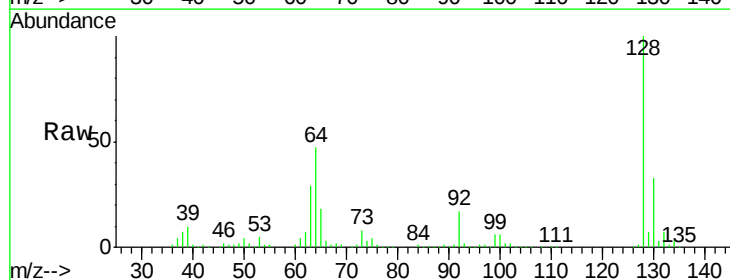
Tgt Ion: 128 Resp: 361680

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

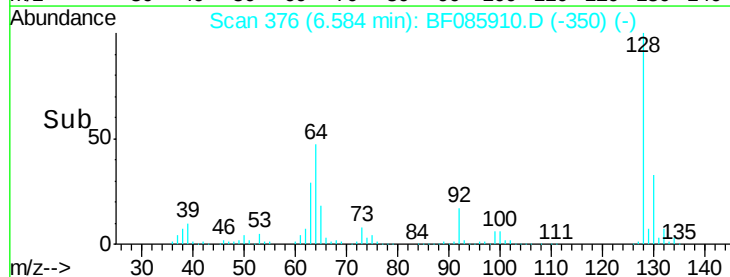
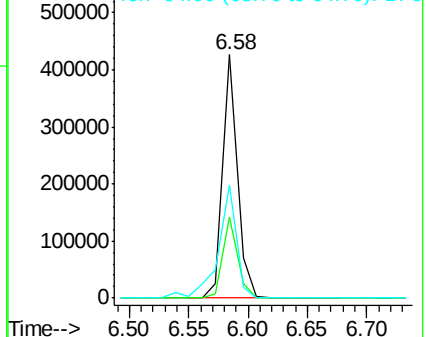
64 46.6 20.2 60.2

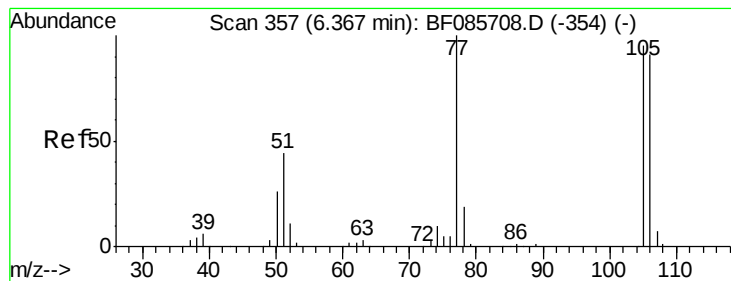


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.76 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

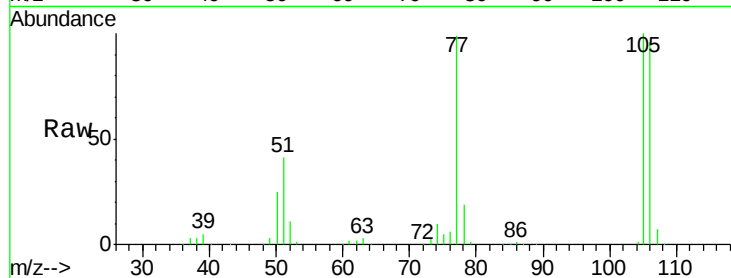
Tgt Ion: 77 Resp: 186317

Ion Ratio Lower Upper

77 100

105 101.3 80.1 120.1

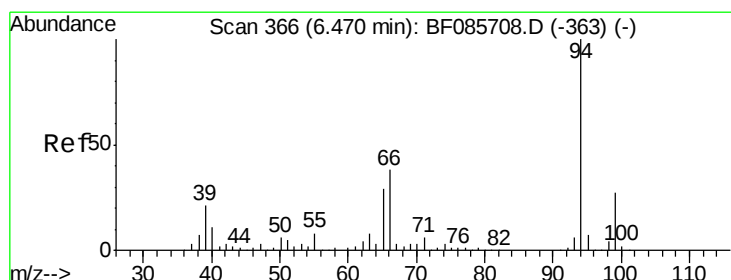
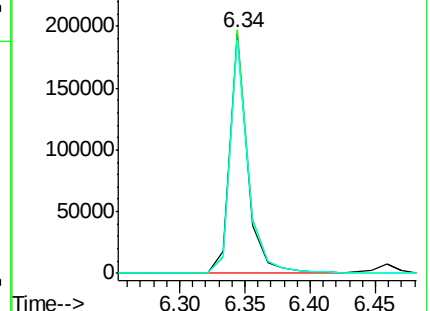
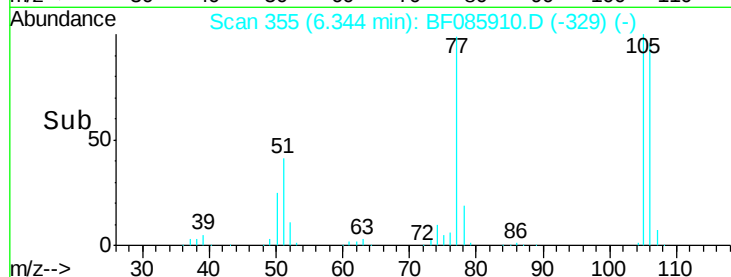
106 97.1 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.64 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

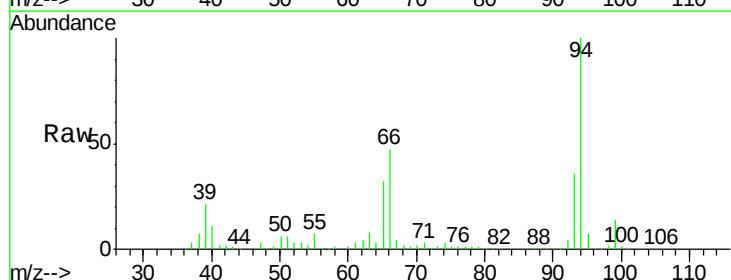
Tgt Ion: 94 Resp: 484886

Ion Ratio Lower Upper

94 100

65 31.9 8.6 48.6

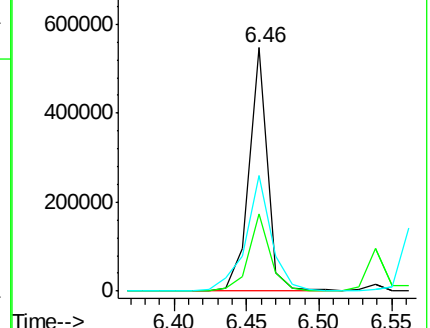
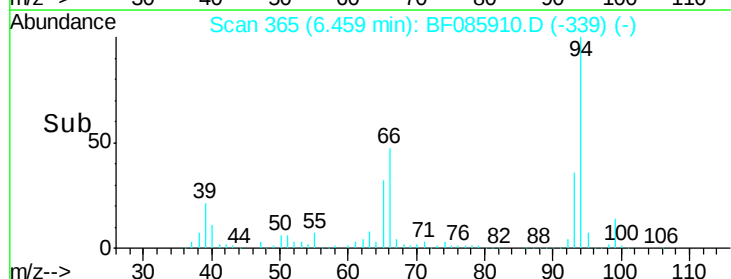
66 47.3 20.0 60.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

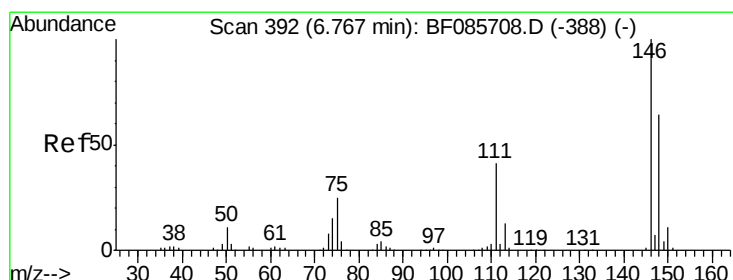
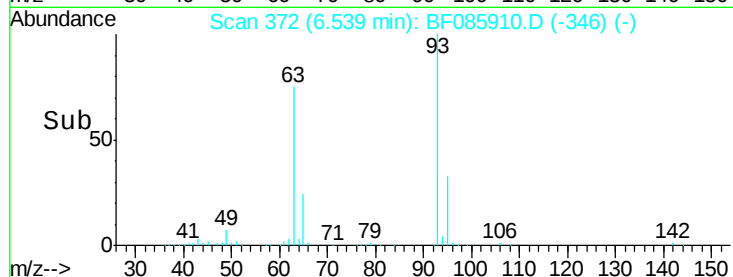
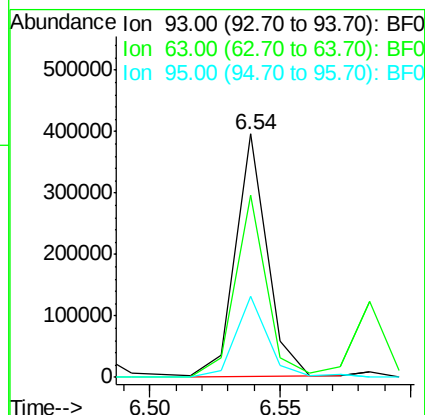
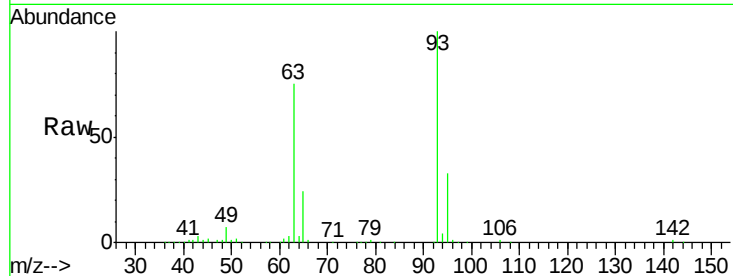




#11
bis(2-Chloroethyl)ether
Concen: 47.98 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

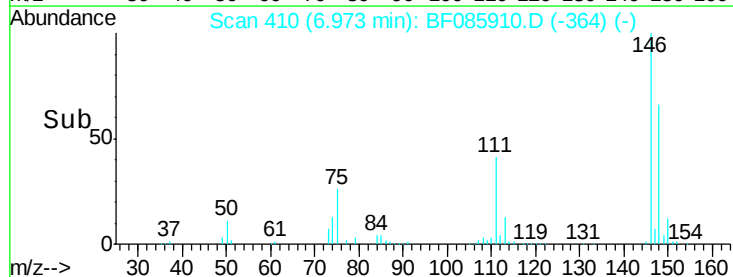
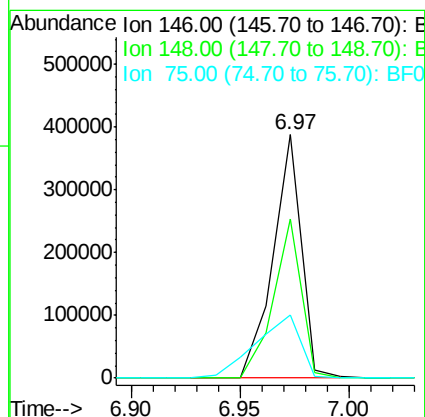
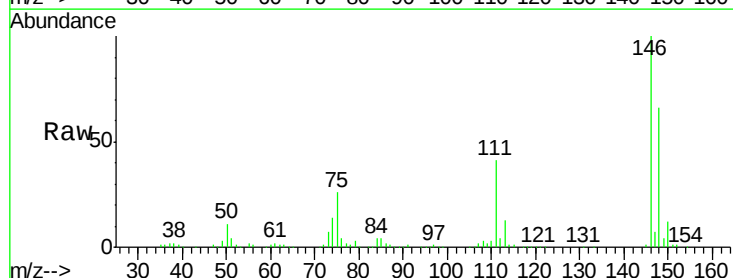
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

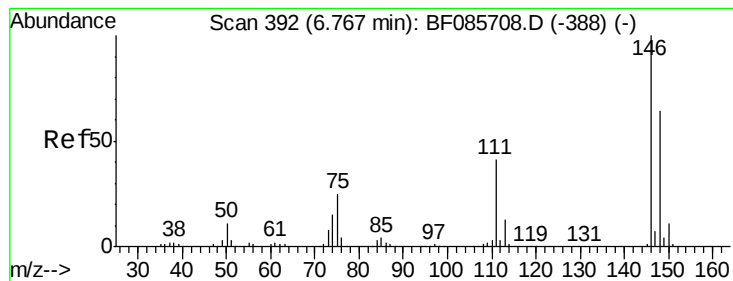
Tgt Ion: 93 Resp: 333779
Ion Ratio Lower Upper
93 100
63 74.8 50.9 90.9
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 45.24 ng
RT: 6.97 min Scan# 410
Delta R.T. 0.23 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion: 146 Resp: 355225
Ion Ratio Lower Upper
146 100
148 65.6 52.3 78.5
75 26.0 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 46.44 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

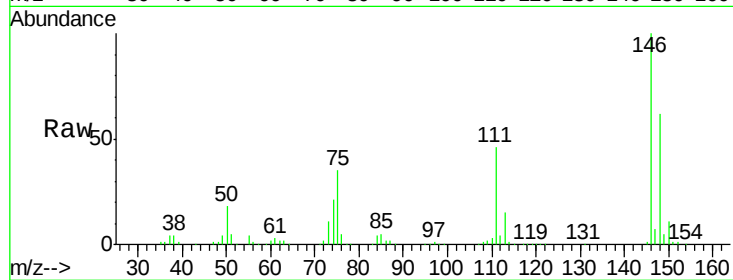
Tgt Ion:146 Resp: 369772

Ion Ratio Lower Upper

146 100

148 61.7 50.6 76.0

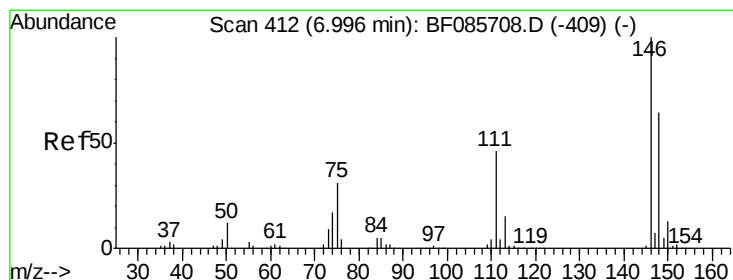
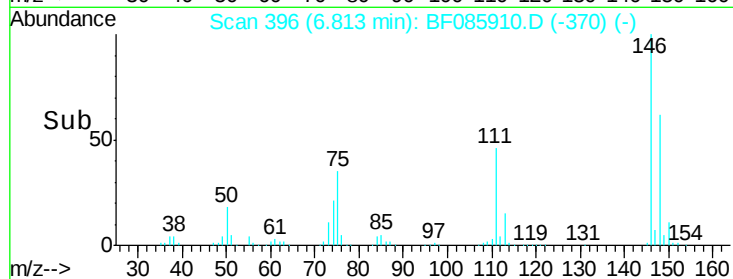
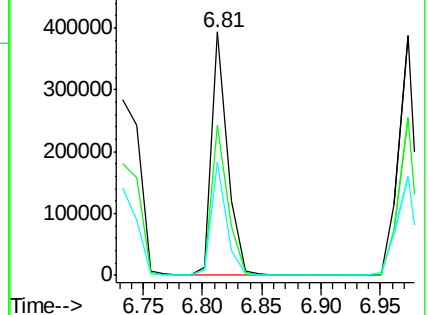
111 46.4 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.93 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

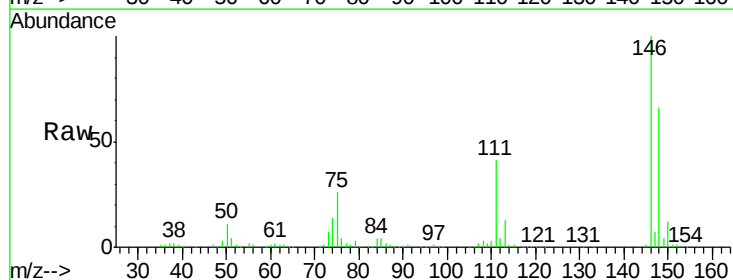
Tgt Ion:146 Resp: 355654

Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.2

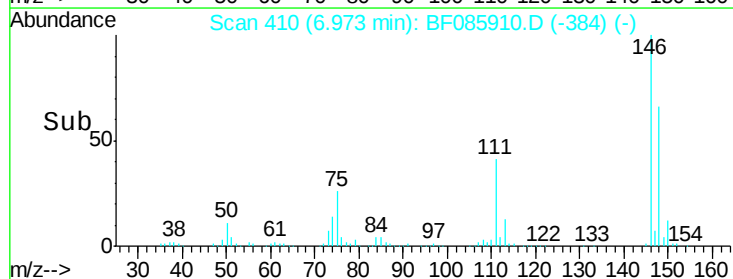
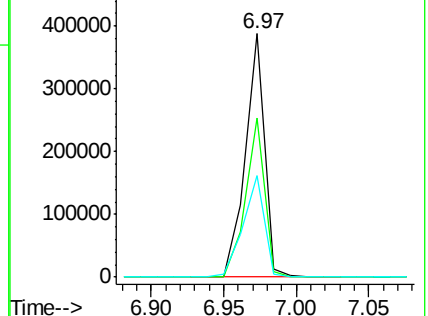
111 41.5 34.6 52.0

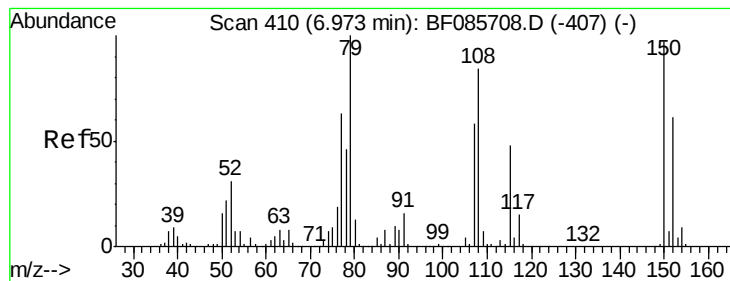


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.66 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

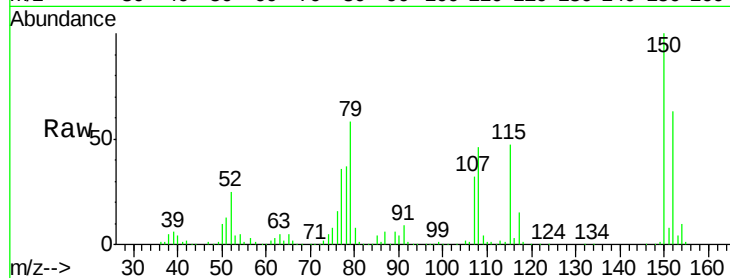
Tgt Ion: 79 Resp: 275013

Ion Ratio Lower Upper

79 100

108 79.1 61.8 92.6

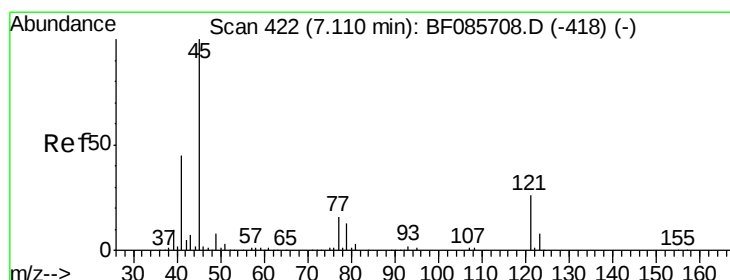
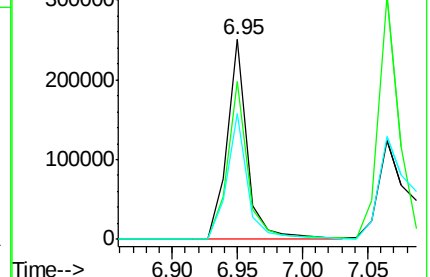
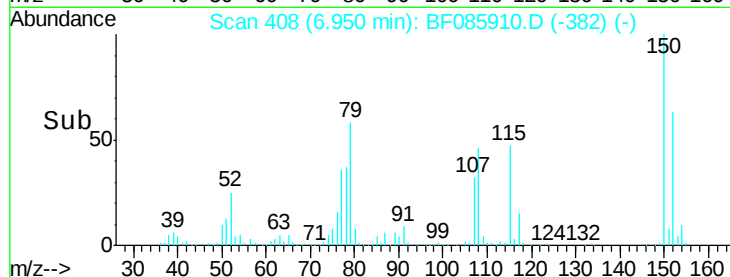
77 62.8 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.42 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

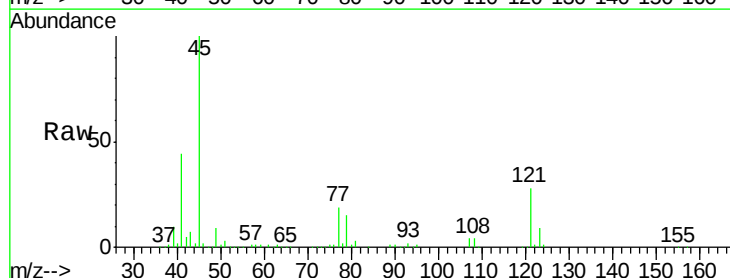
Tgt Ion: 45 Resp: 437634

Ion Ratio Lower Upper

45 100

77 18.5 0.0 35.7

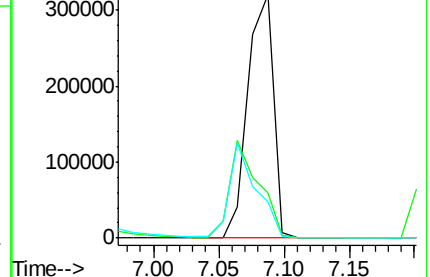
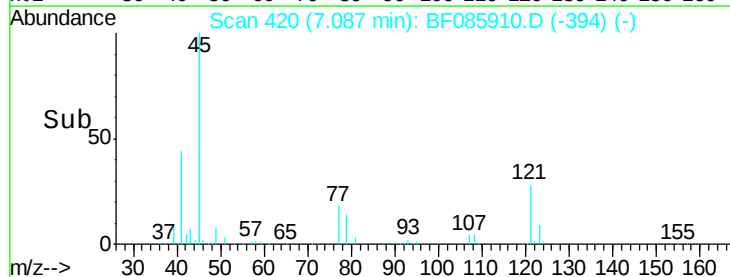
79 15.0 0.0 32.2

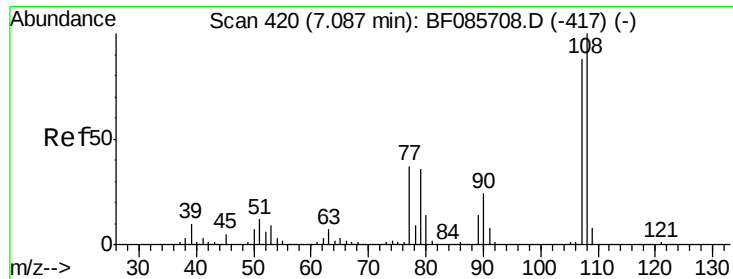


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 50.16 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:107 Resp: 292788

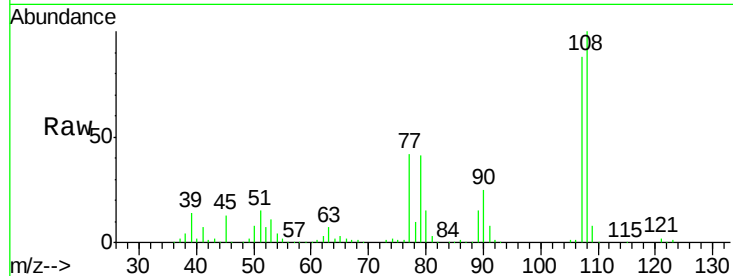
Ion Ratio Lower Upper

107 100

108 114.2 91.4 137.0

77 48.3 36.2 54.2

79 46.5 35.8 53.8

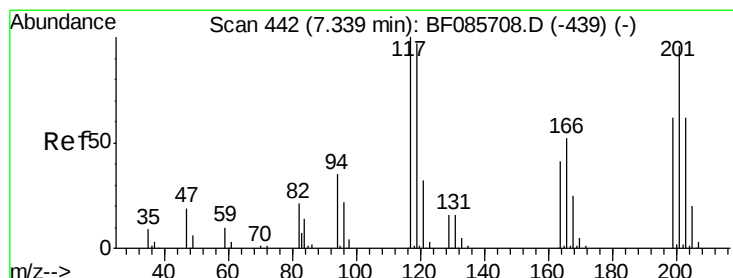
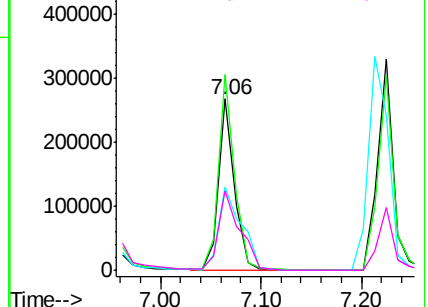
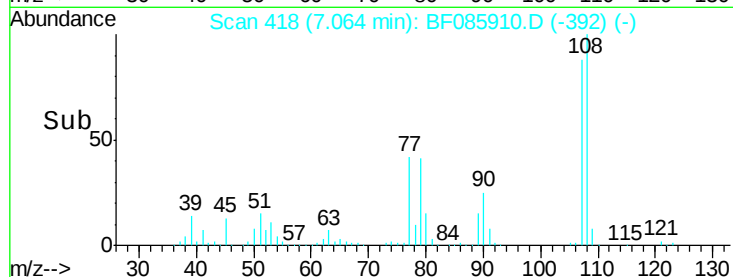


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.37 ng

RT: 7.30 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

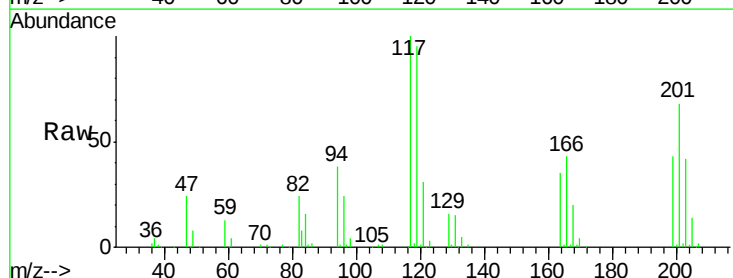
Tgt Ion:117 Resp: 132280

Ion Ratio Lower Upper

117 100

119 94.6 76.7 115.1

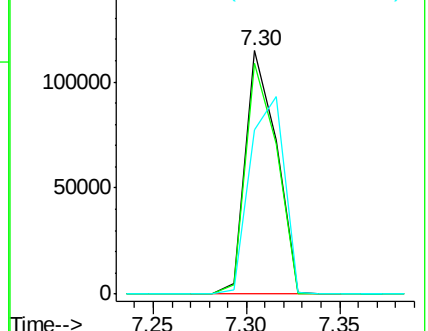
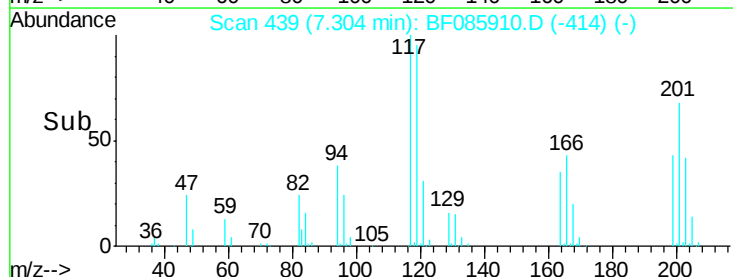
201 67.5 83.3 124.9#

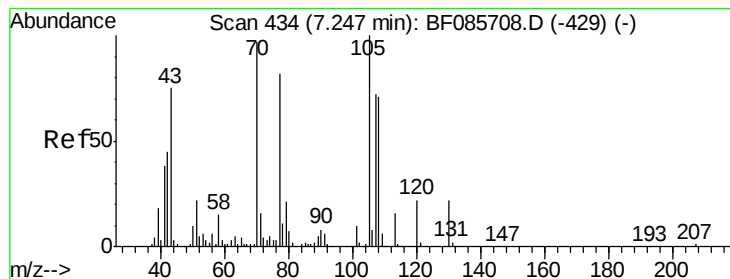


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 51.46 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion: 70 Resp: 245866

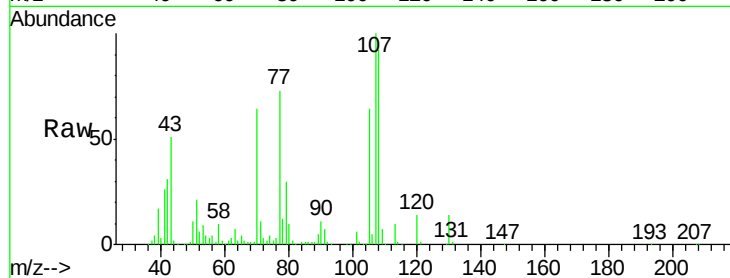
Ion Ratio Lower Upper

70 100

42 48.7 37.1 55.7

101 9.9 8.6 12.8

130 21.6 19.6 29.4

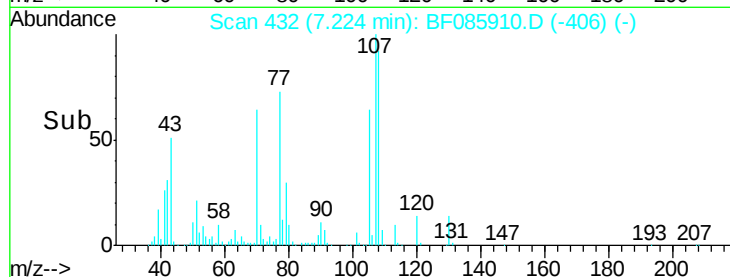
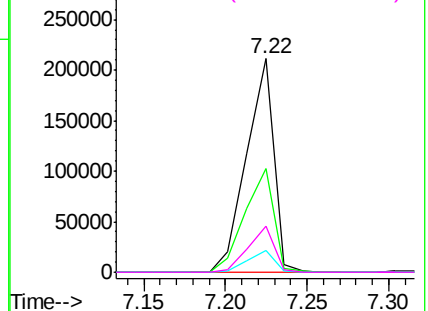


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 51.91 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion: 107 Resp: 364342

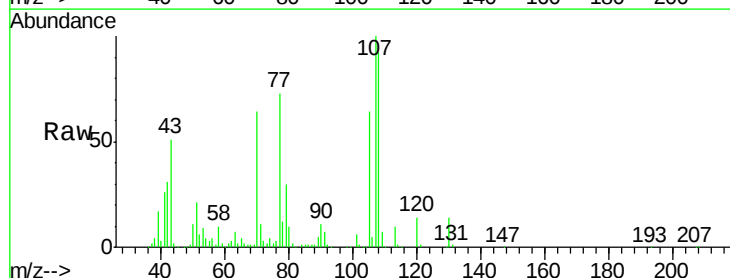
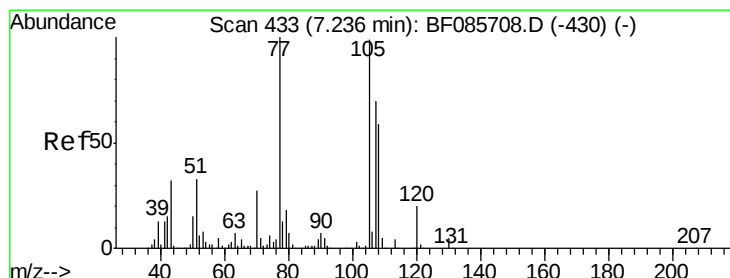
Ion Ratio Lower Upper

107 100

108 92.1 69.3 109.3

77 73.2 101.7 141.7#

79 29.6 8.3 48.3

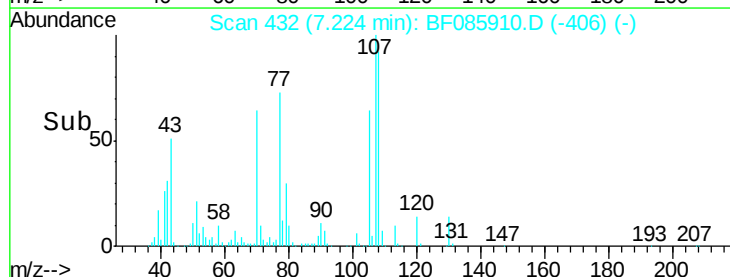
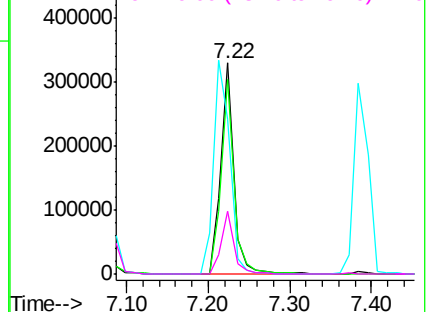


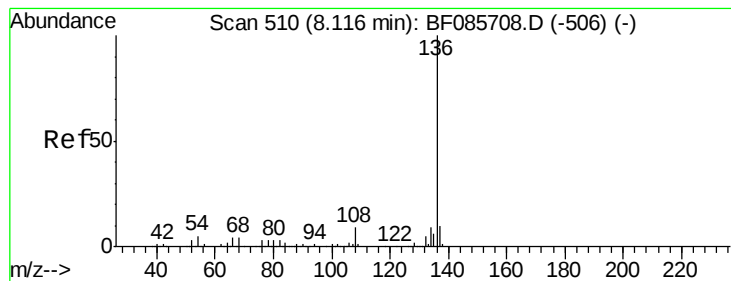
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:136 Resp: 404355

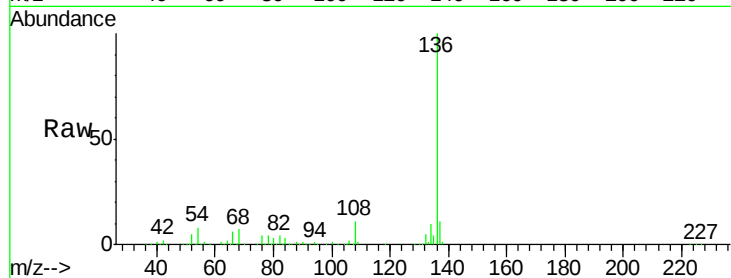
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.4 7.4 11.0

68 6.6 5.8 8.8

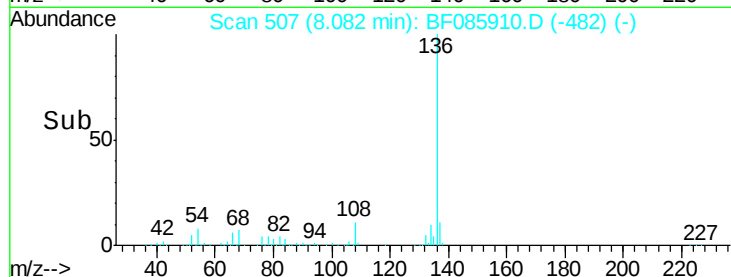


Abundance Ion 136.00 (135.70 to 136.70): E

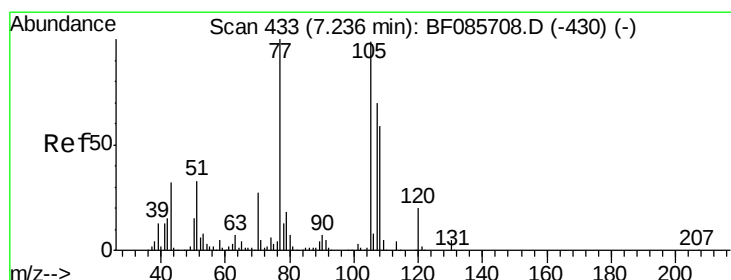
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 50.55 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:105 Resp: 476158

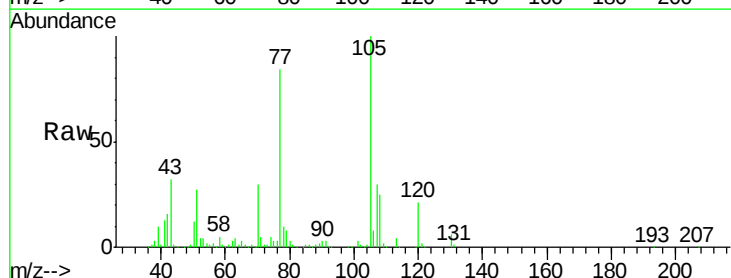
Ion Ratio Lower Upper

105 100

71 5.2 3.6 5.4

51 27.1 25.4 38.0

120 21.2 16.9 25.3

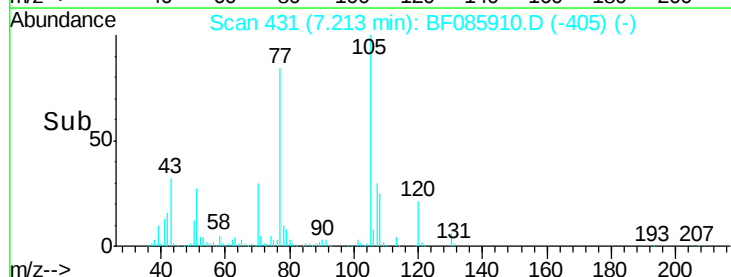


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



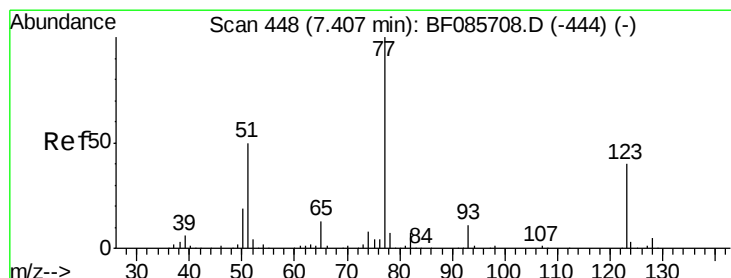
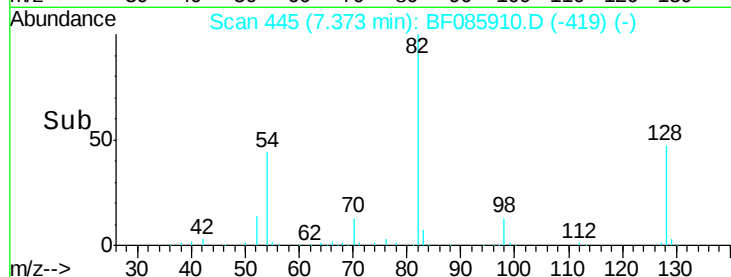
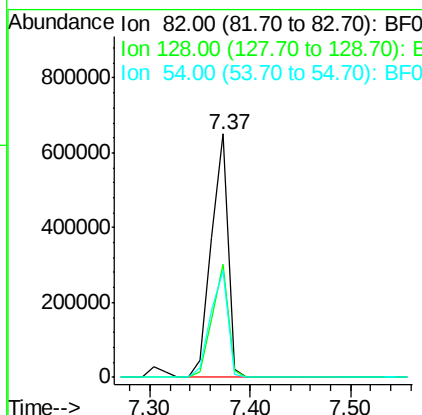
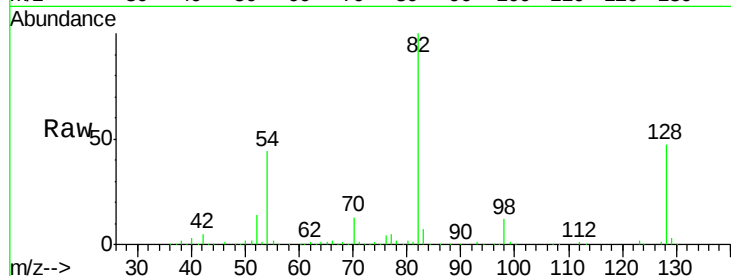
Time-->



#23
 Nitrobenzene-d5
 Concen: 104.91 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

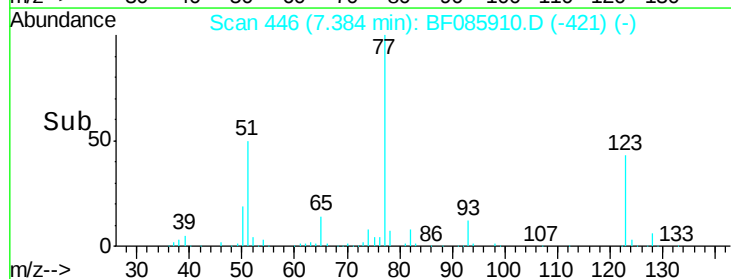
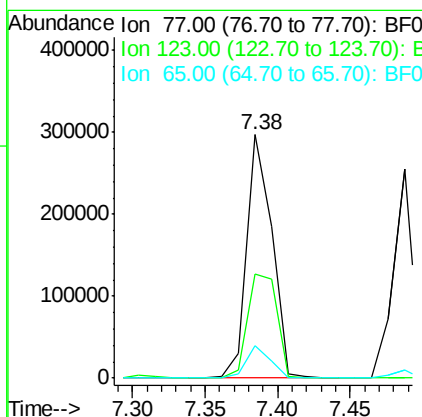
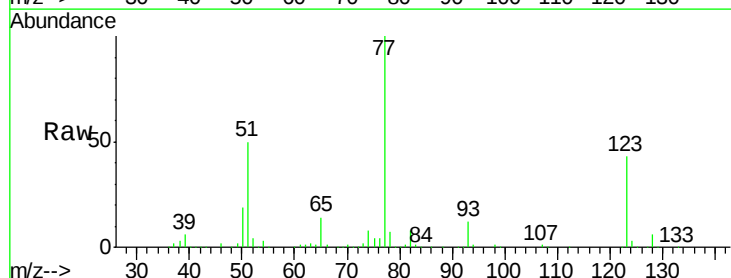
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

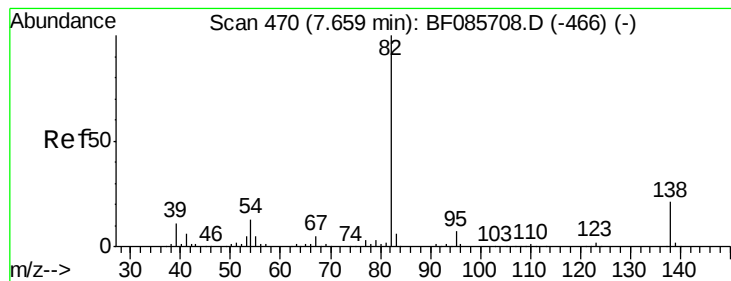
Tgt Ion: 82 Resp: 753314
 Ion Ratio Lower Upper
 82 100
 128 46.6 41.8 62.8
 54 43.9 33.4 50.0



#24
 Nitrobenzene
 Concen: 48.12 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion: 77 Resp: 356159
 Ion Ratio Lower Upper
 77 100
 123 42.6 35.0 52.4
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 50.53 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

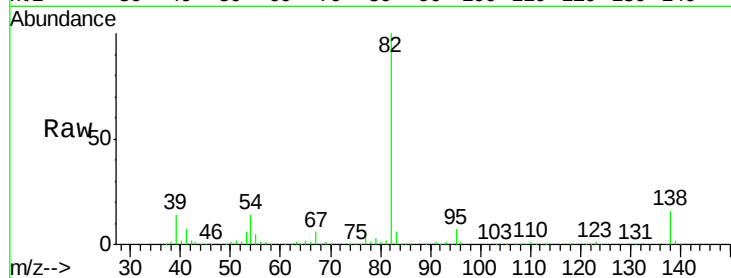
Tgt Ion: 82 Resp: 698990

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

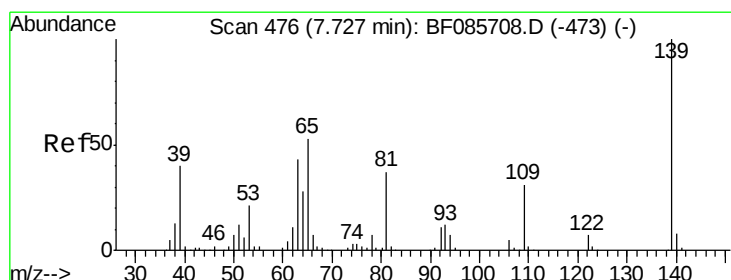
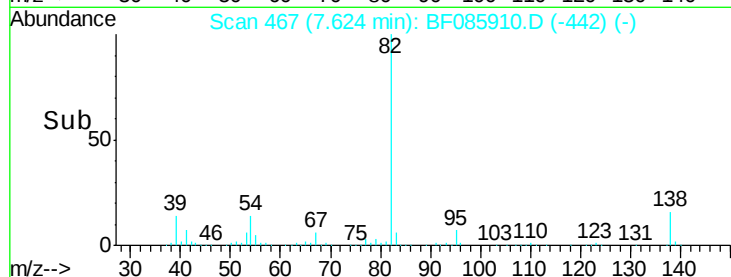
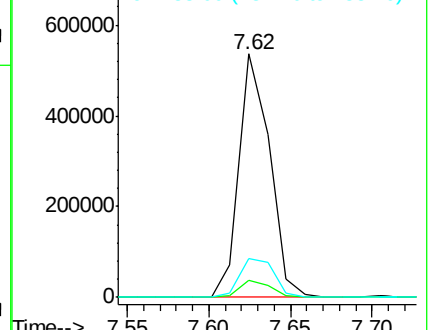
138 16.0 12.9 19.3



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: 51.94 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

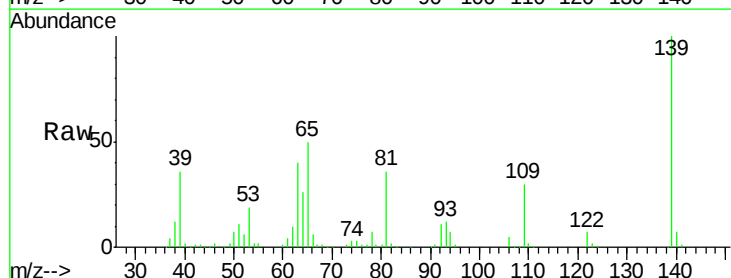
Tgt Ion: 139 Resp: 192326

Ion Ratio Lower Upper

139 100

109 29.6 22.1 33.1

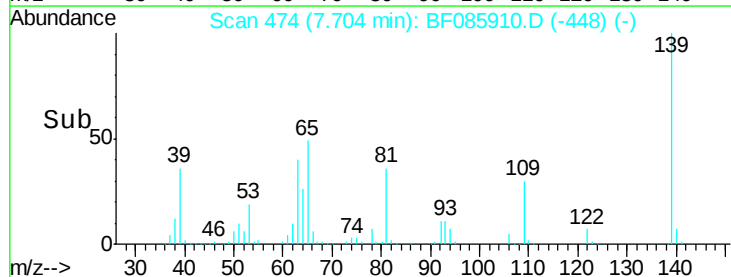
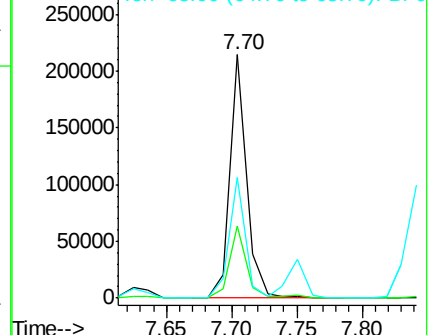
65 49.7 33.9 50.9

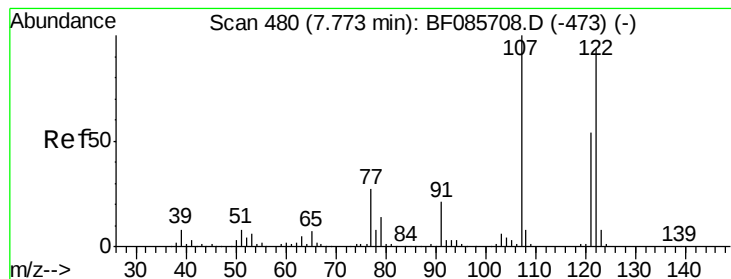


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.93 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

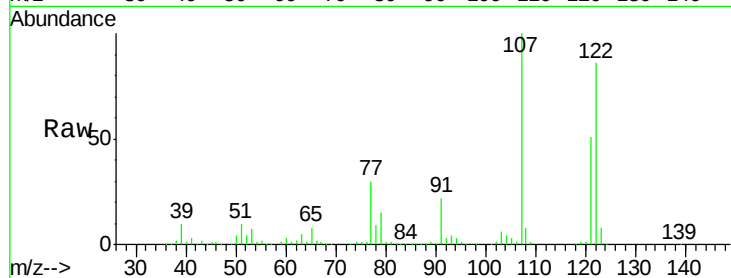
Tgt Ion:122 Resp: 342581

Ion Ratio Lower Upper

122 100

107 115.6 93.0 139.6

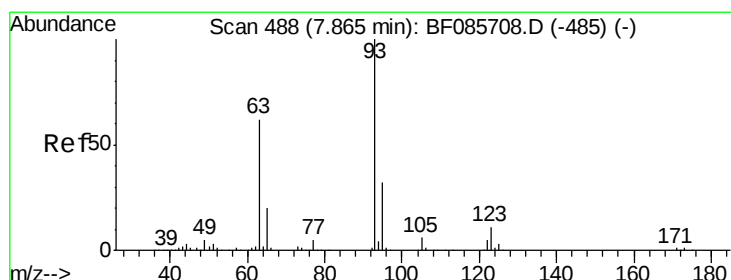
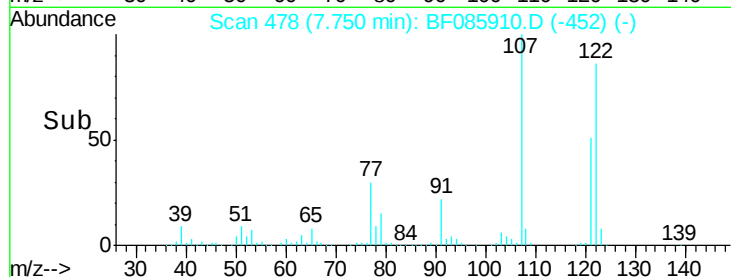
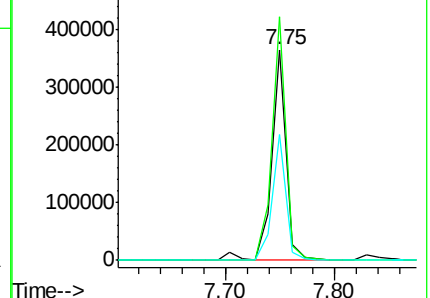
121 59.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.61 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

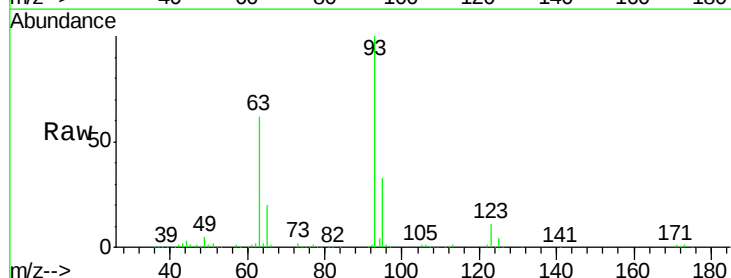
Tgt Ion: 93 Resp: 454051

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

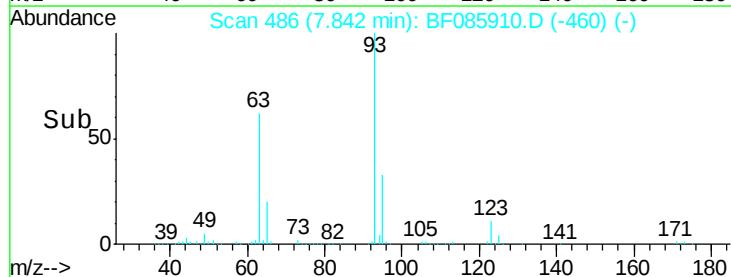
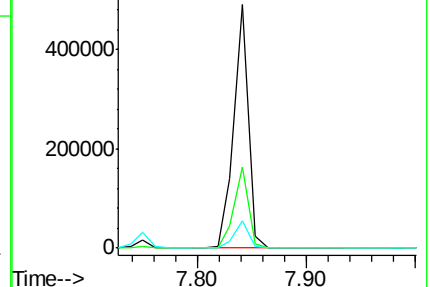
123 11.2 9.8 14.6

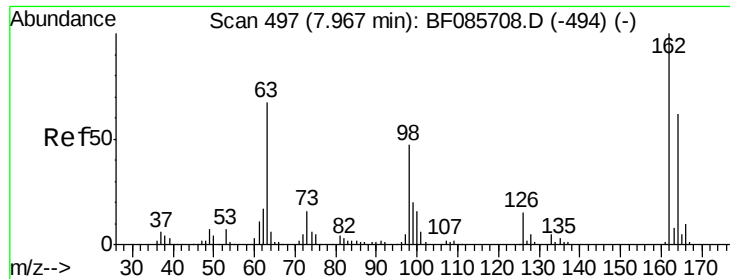


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

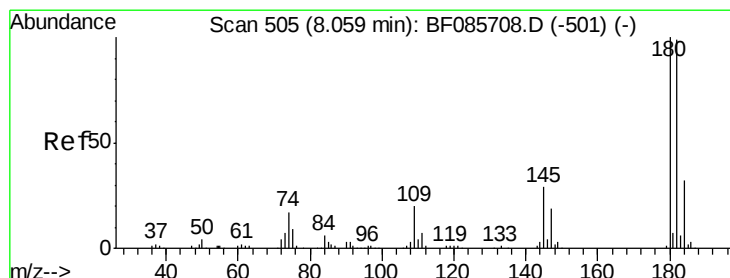
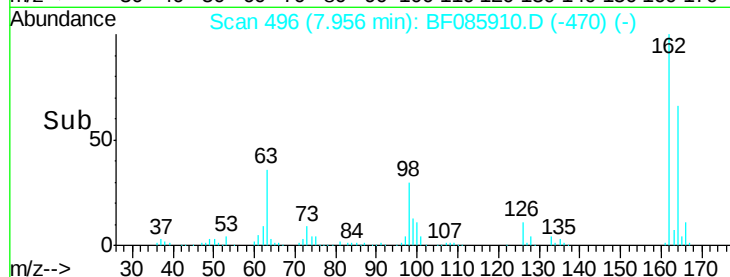
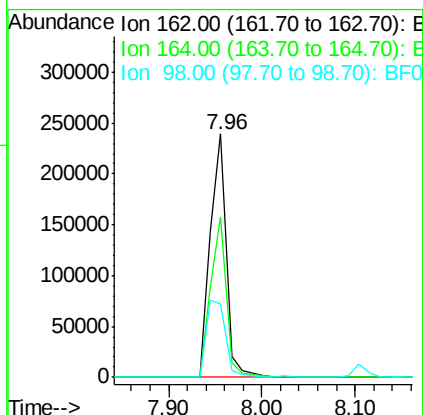
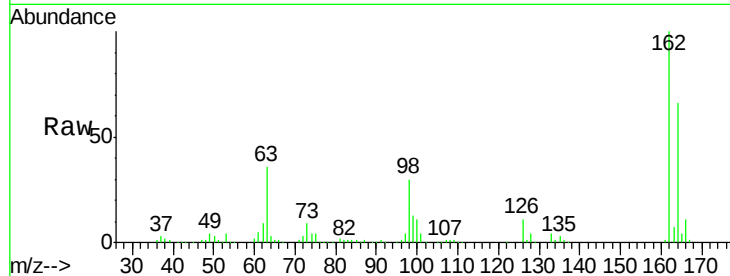




#29
 2,4-Dichlorophenol
 Concen: 52.69 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

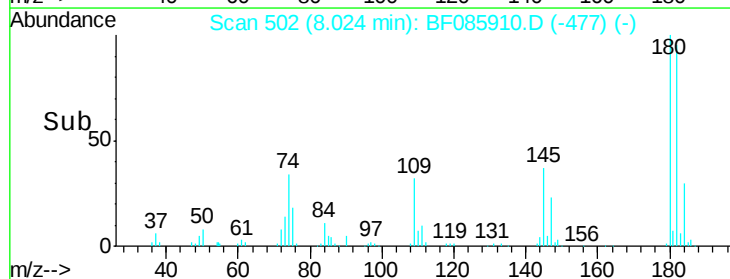
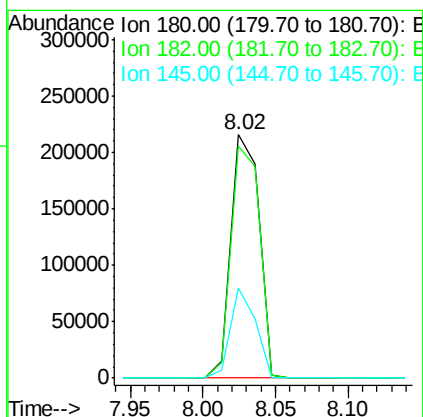
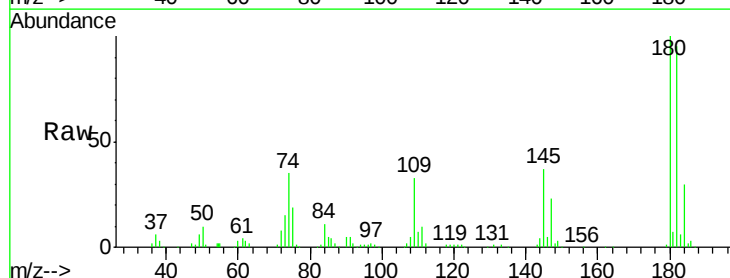
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

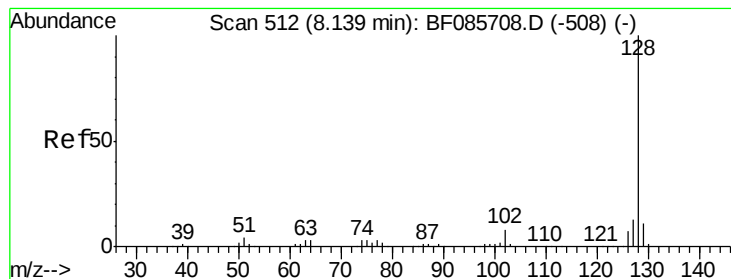
Tgt Ion	Resp	Lower	Upper
162	286675		
164	65.7	43.7	83.7
98	30.3	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 48.27 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Resp	Lower	Upper
180	291600		
182	95.4	73.8	110.8
145	37.1	28.4	42.6





#31

Naphthalene

Concen: 46.29 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

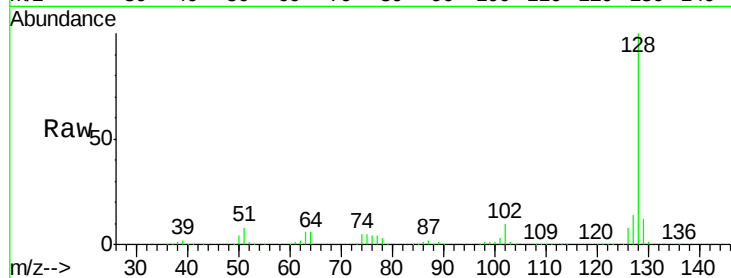
Tgt Ion:128 Resp: 943168

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

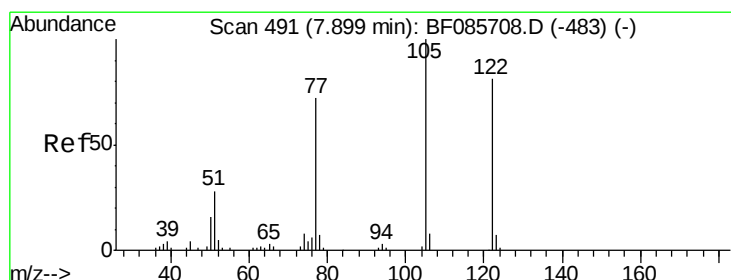
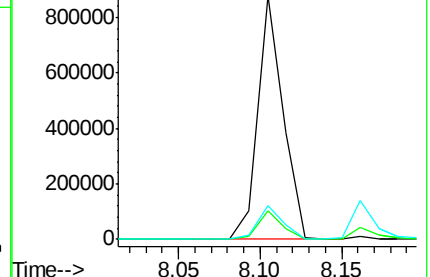
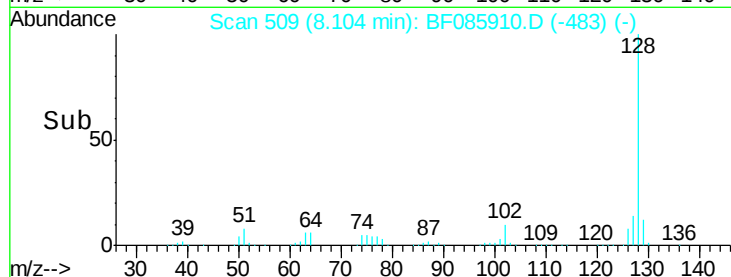
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.62 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

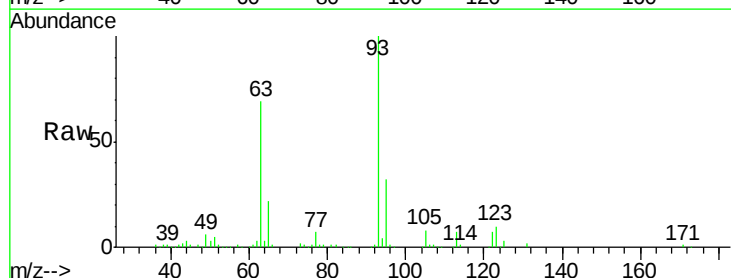
Tgt Ion:122 Resp: 19876

Ion Ratio Lower Upper

122 100

105 118.4 102.9 142.9

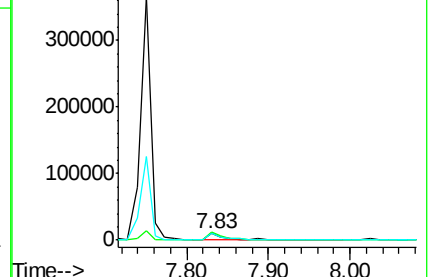
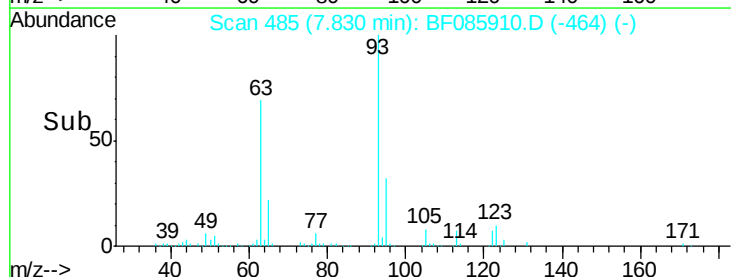
77 96.8 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

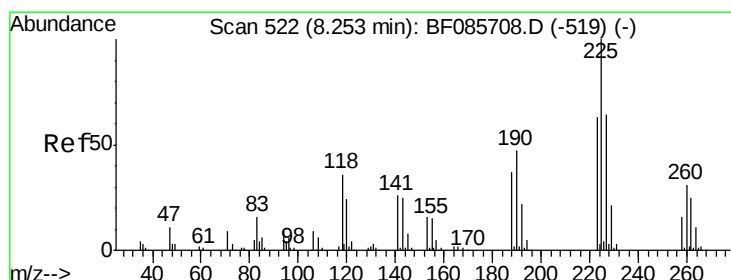
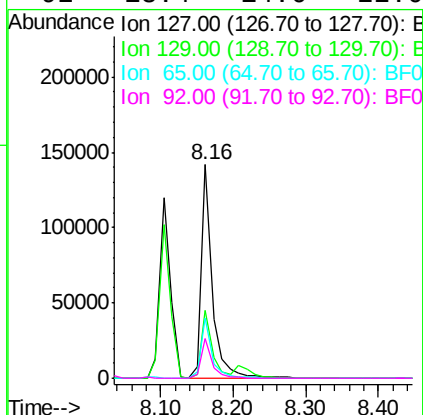
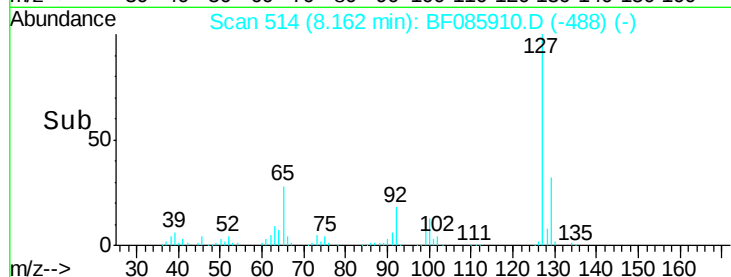
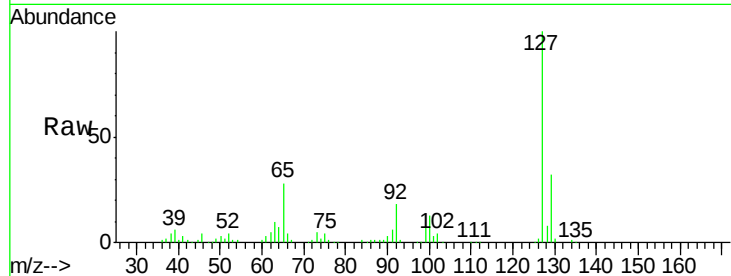




#33
4-Chloroaniline
Concen: 18.10 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

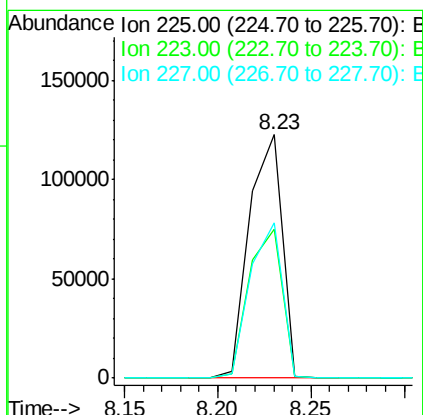
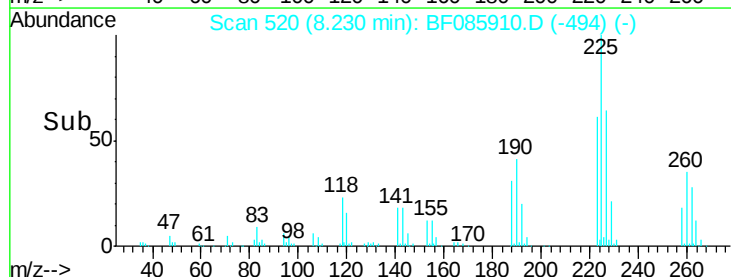
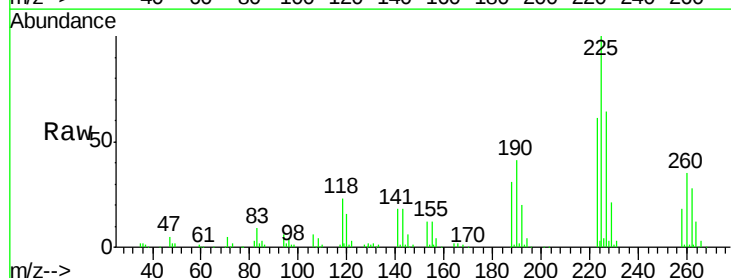
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

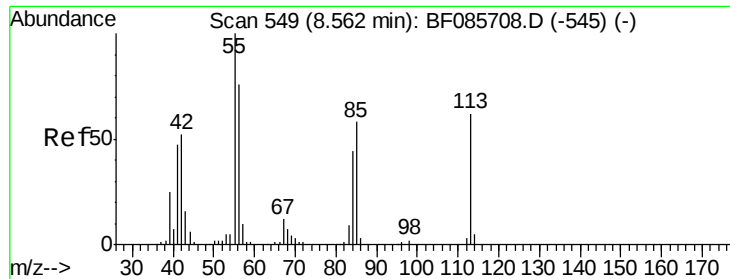
Tgt Ion:	127	Resp:	150527
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	27.9	19.5	29.3
92	18.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 46.30 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion:	225	Resp:	151999
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.4	75.6
227	63.7	51.4	77.2

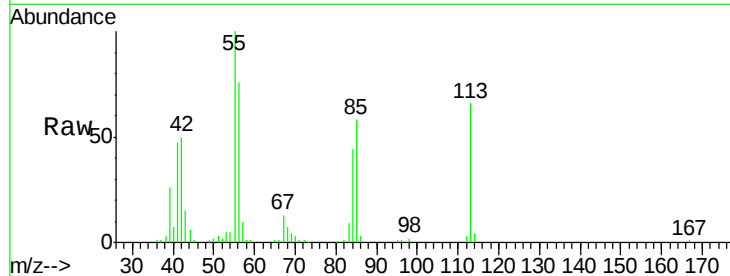




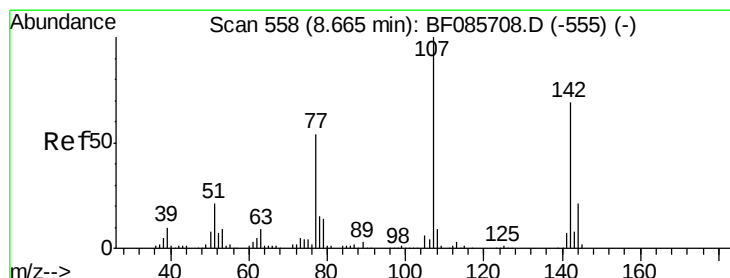
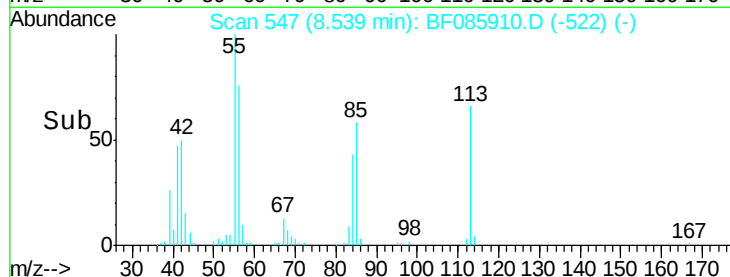
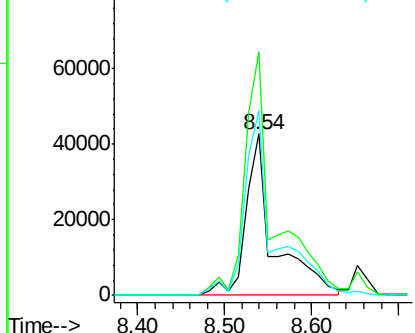
#35
 Caprolactam
 Concen: 49.75 ng
 RT: 8.54 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion:113 Resp: 95883
 Ion Ratio Lower Upper
 113 100
 55 151.1 139.4 179.4
 56 114.5 100.4 140.4

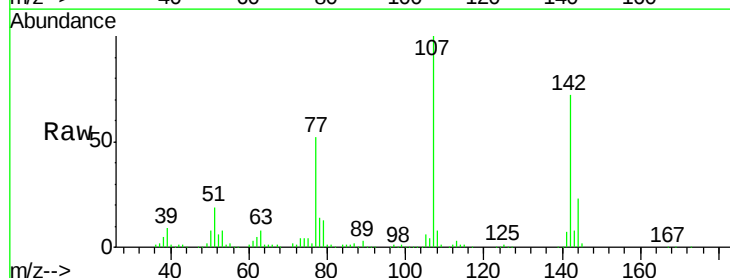


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

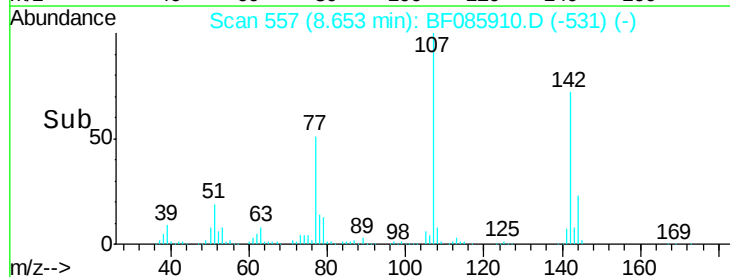
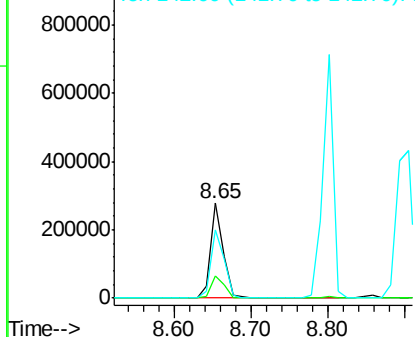


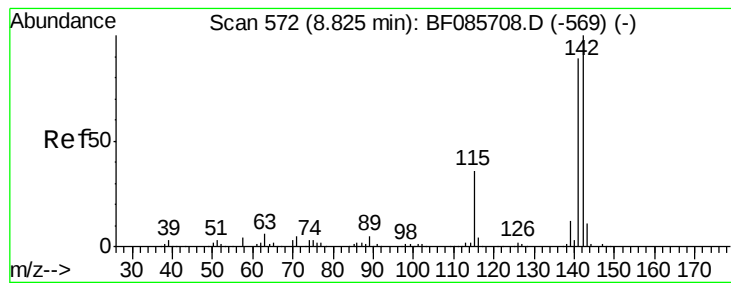
#36
 4-Chloro-3-methylphenol
 Concen: 48.77 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:107 Resp: 310001
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 72.3 61.4 92.0



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

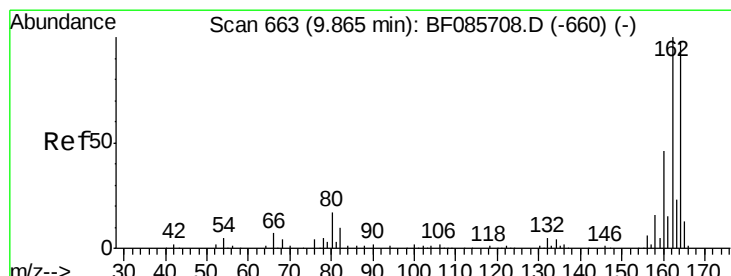
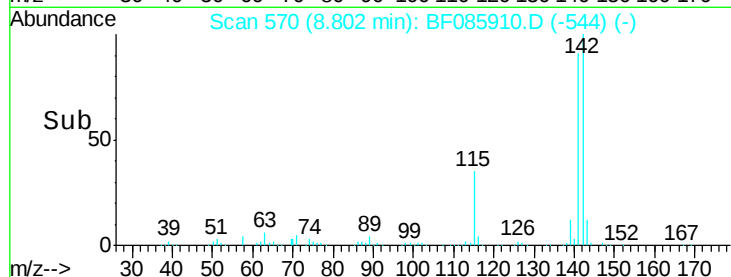
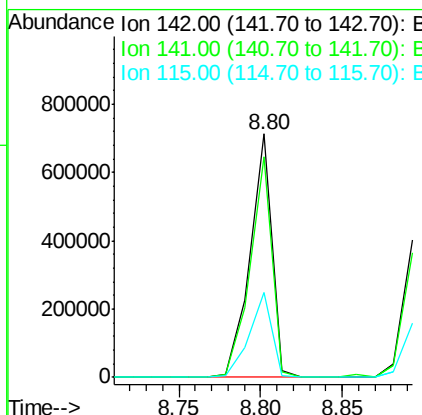
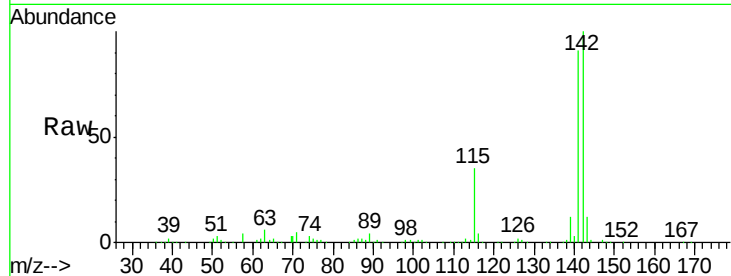




#37
2-Methylnaphthalene
Concen: 60.88 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

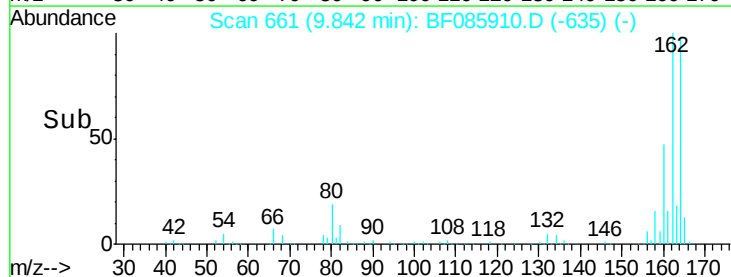
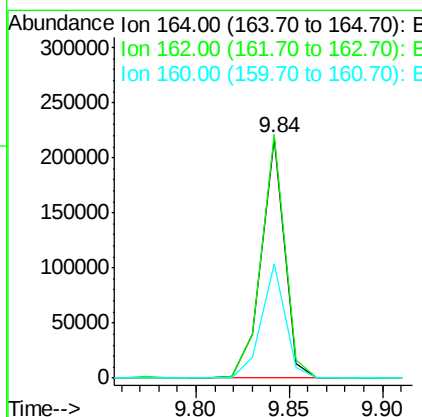
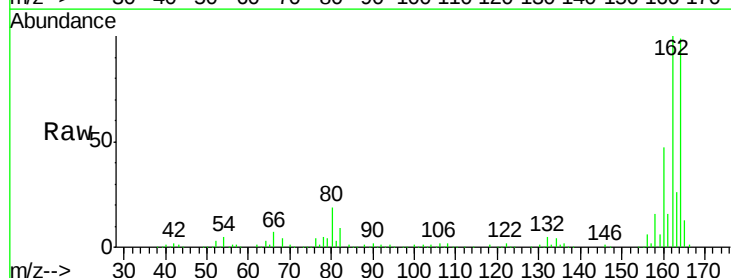
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

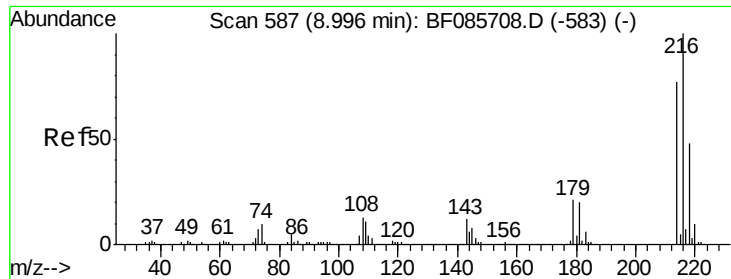
Tgt Ion:142 Resp: 663414
Ion Ratio Lower Upper
142 100
141 90.9 71.6 107.4
115 34.9 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion:164 Resp: 186718
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 47.8 37.4 56.2

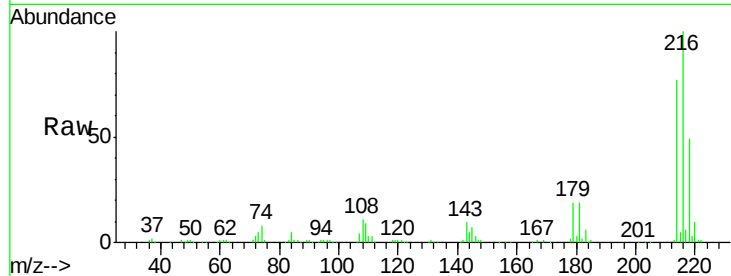




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.24 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	216	Resp:	261596
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.1	94.7
179	23.0	18.2	27.2
108	20.5	17.3	25.9

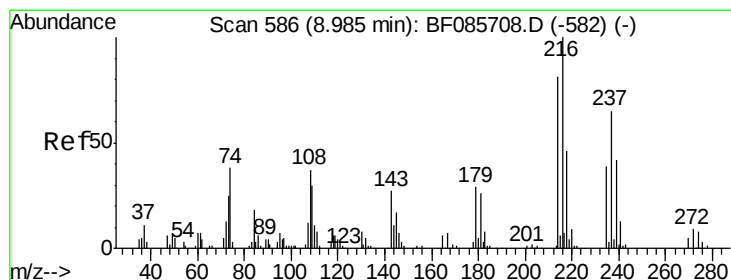
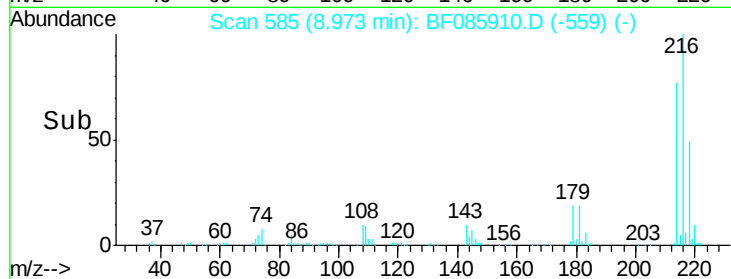
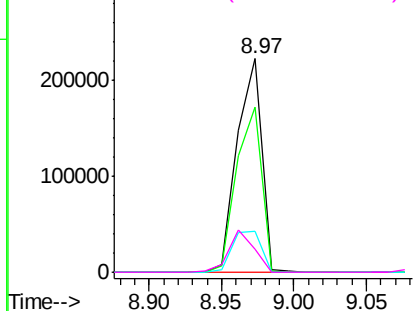


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

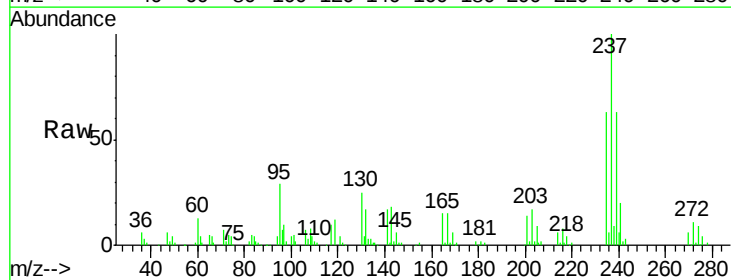
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 42.42 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

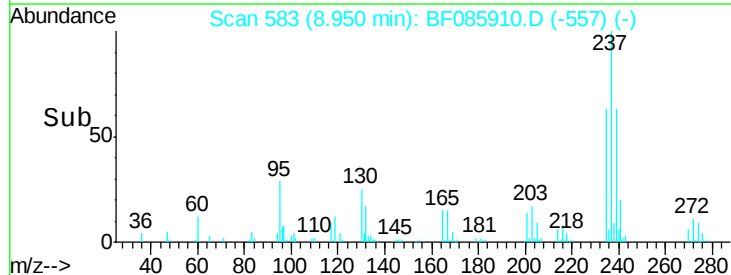
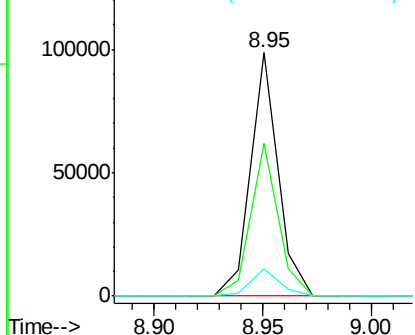
Tgt Ion:	237	Resp:	86643
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	11.2	0.0	31.9

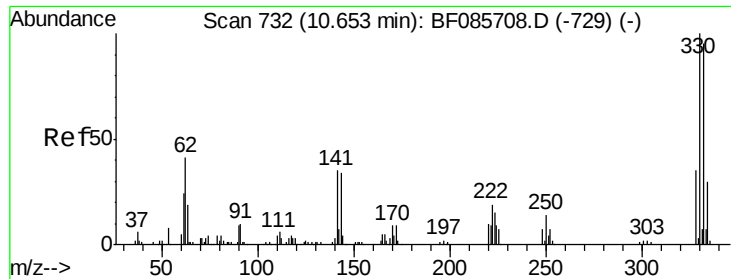


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

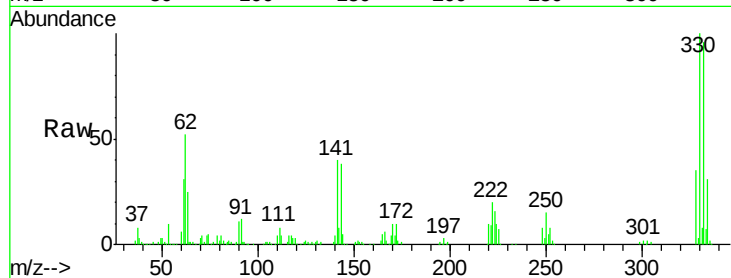




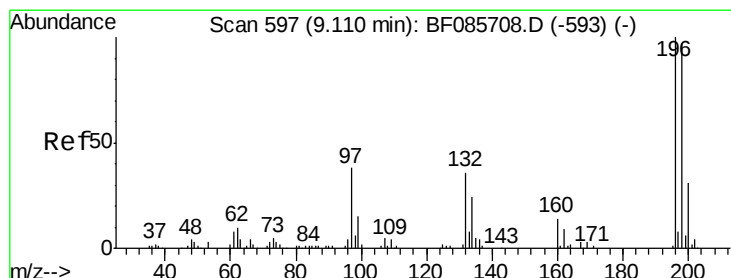
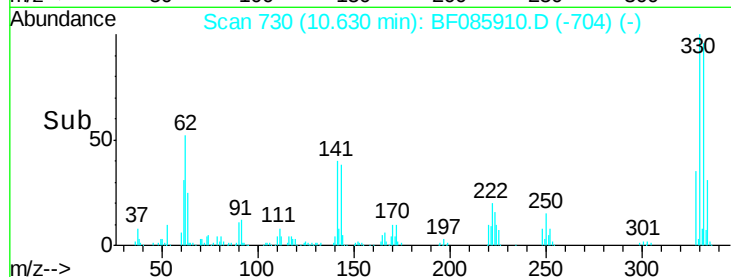
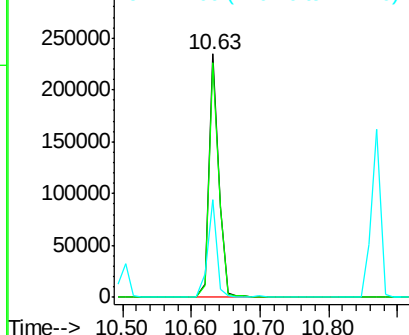
#41
 2,4,6-Tribromophenol
 Concen: 133.34 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion:330 Resp: 236557
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 37.1 31.5 47.3

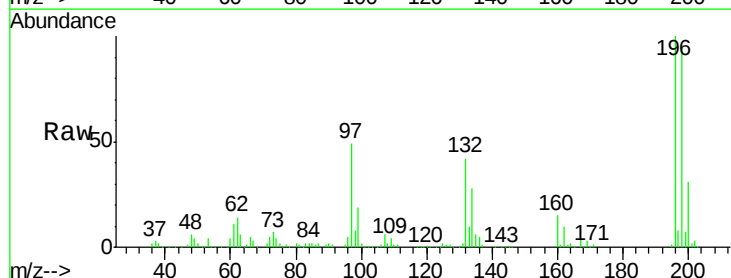


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

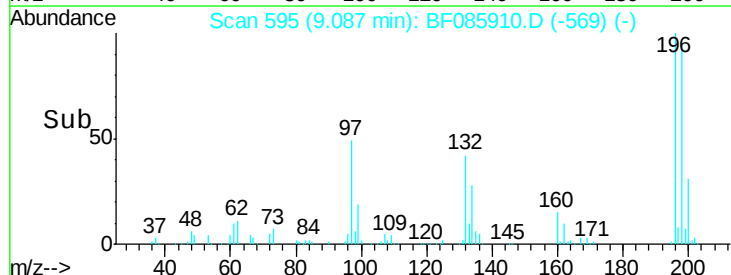
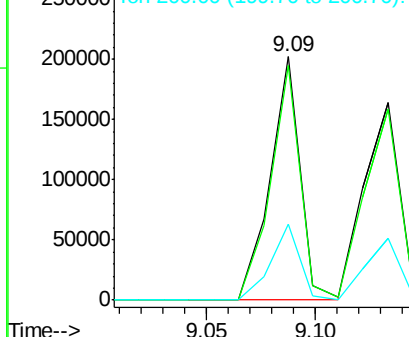


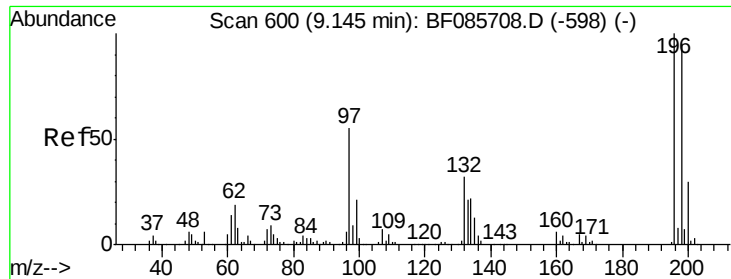
#42
 2,4,6-Trichlorophenol
 Concen: 52.06 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:196 Resp: 194690
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.3 112.9
 200 31.0 23.7 35.5



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

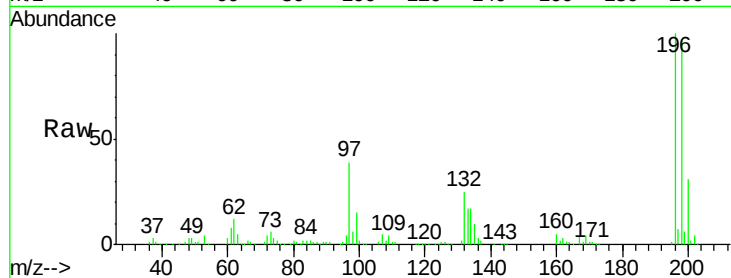




#43
 2,4,5-Trichlorophenol
 Concen: 48.89 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	114.8
97	38.7	30.5	45.7
132	25.0	20.2	30.2



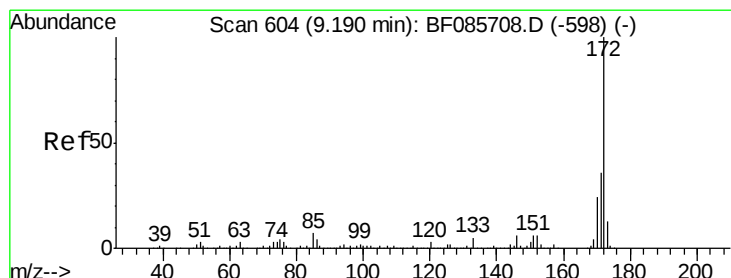
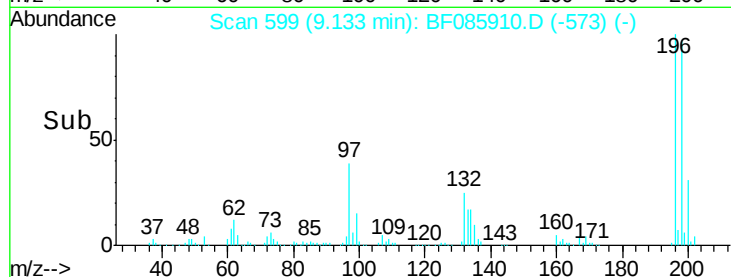
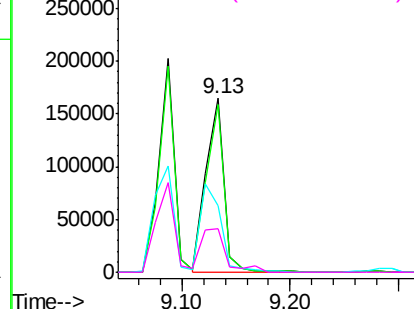
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

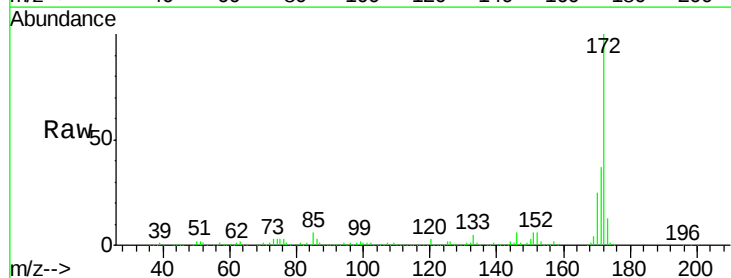
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.58 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.6	19.8	29.6

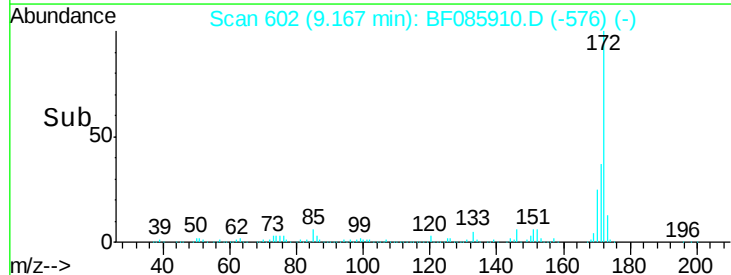
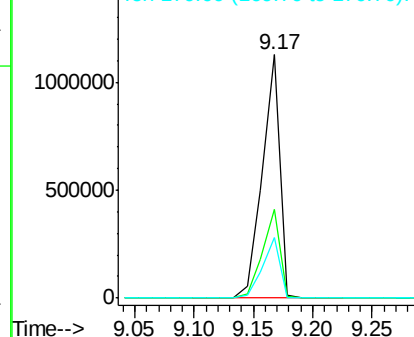


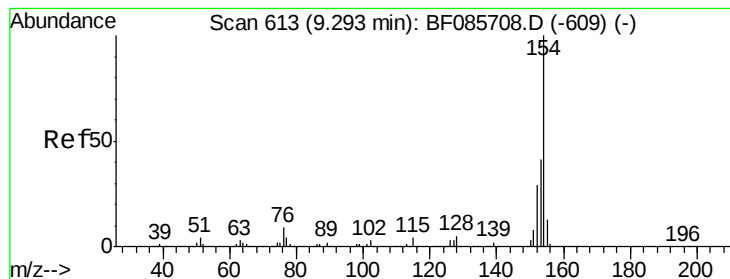
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.56 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

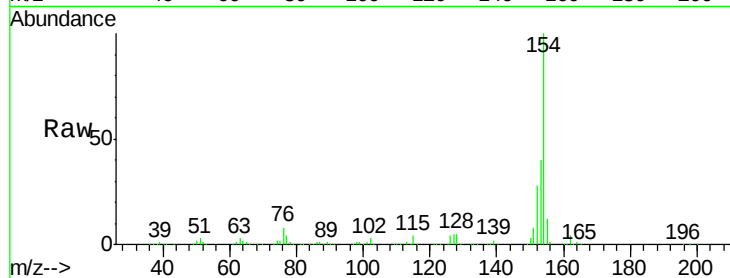
Tgt Ion:154 Resp: 733539

Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

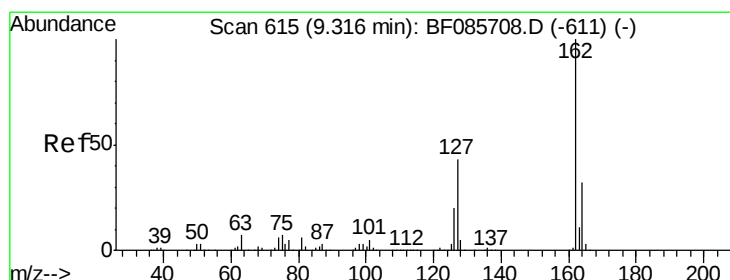
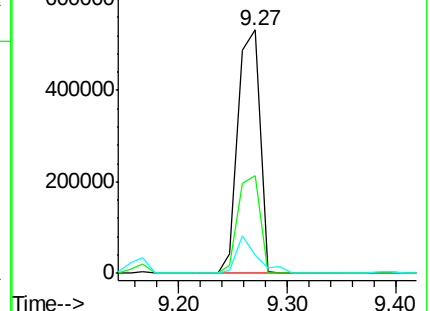
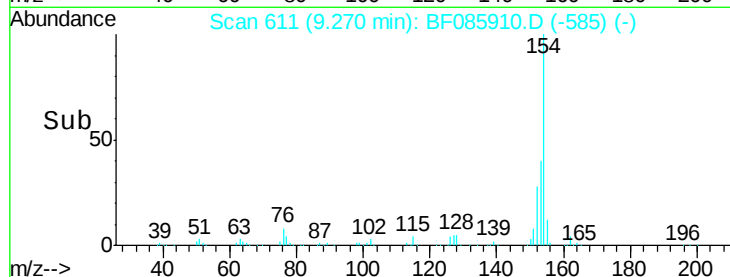
76 7.7 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.44 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

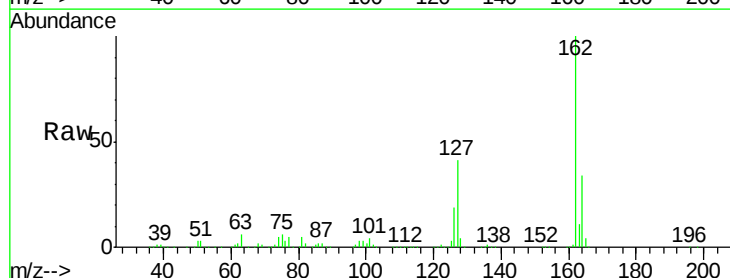
Tgt Ion:162 Resp: 584399

Ion Ratio Lower Upper

162 100

127 40.7 31.7 47.5

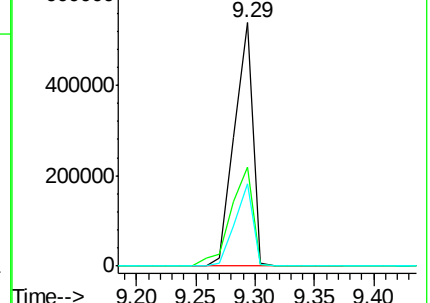
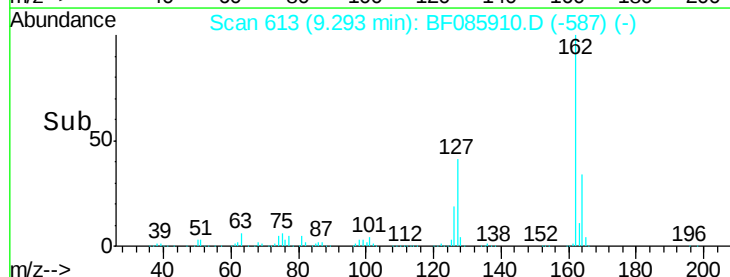
164 33.7 27.3 40.9

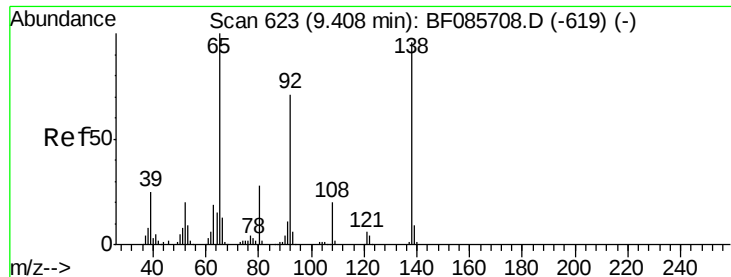


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

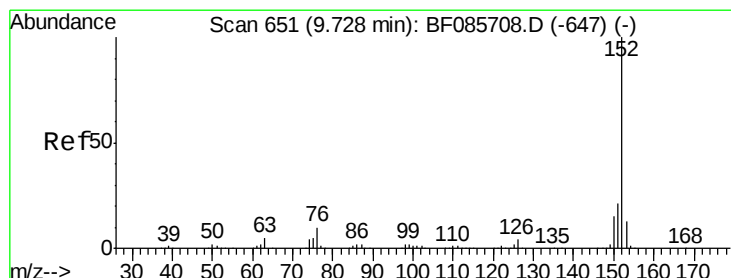
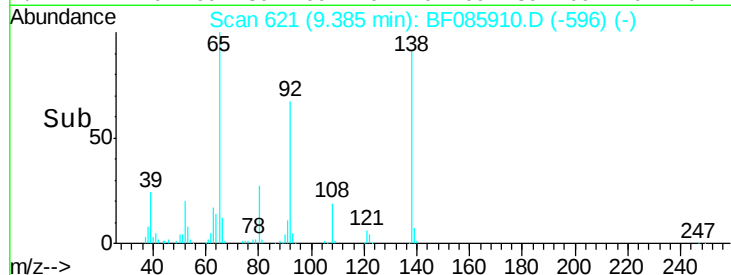
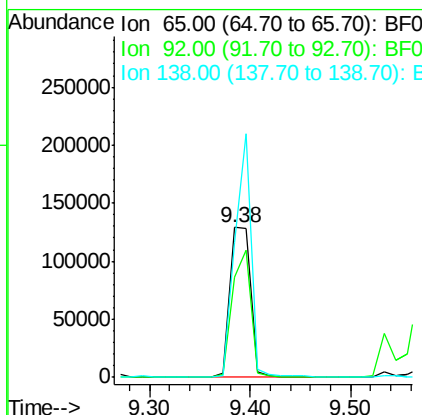
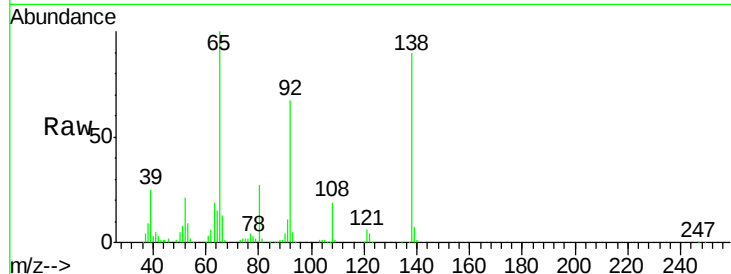




#47
2-Nitroaniline
Concen: 52.25 ng
RT: 9.38 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

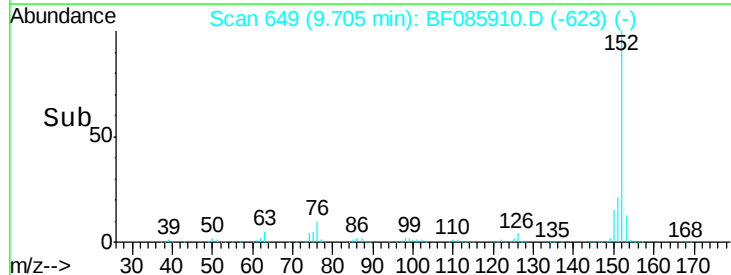
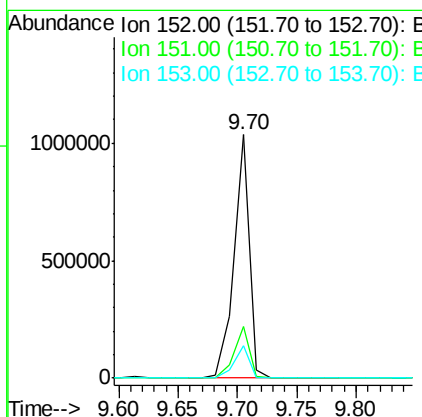
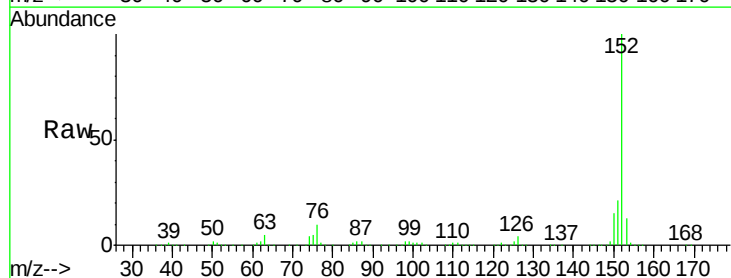
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

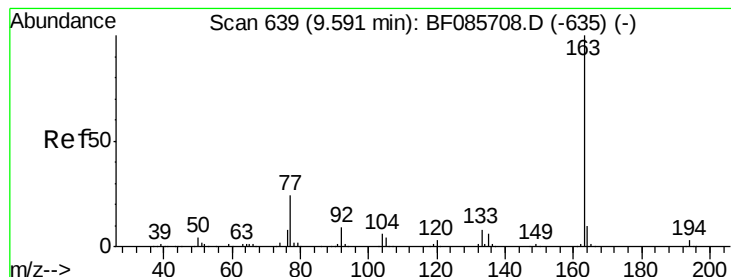
Tgt Ion: 65 Resp: 185104
Ion Ratio Lower Upper
65 100
92 66.9 59.7 89.5
138 90.4 91.4 137.0#



#48
Acenaphthylene
Concen: 49.03 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion: 152 Resp: 925636
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 63.90 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

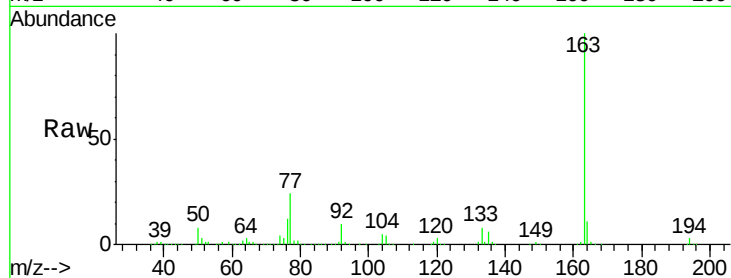
Tgt Ion:163 Resp: 905141

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

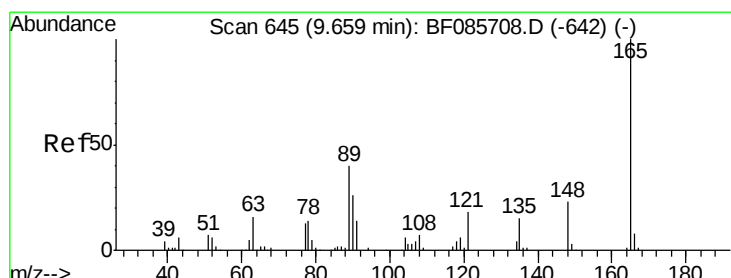
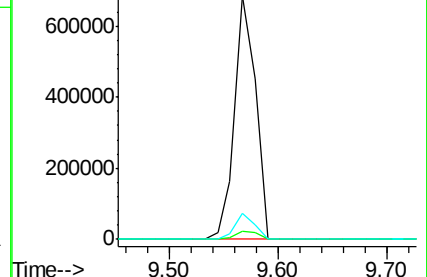
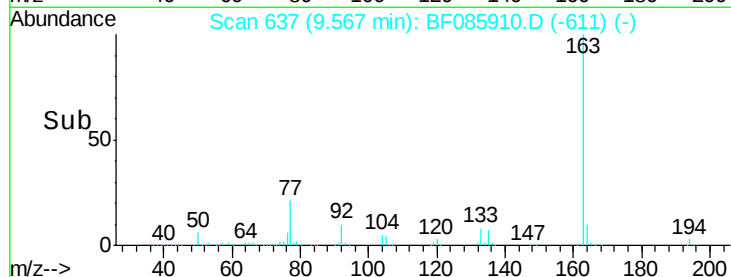
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.69 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

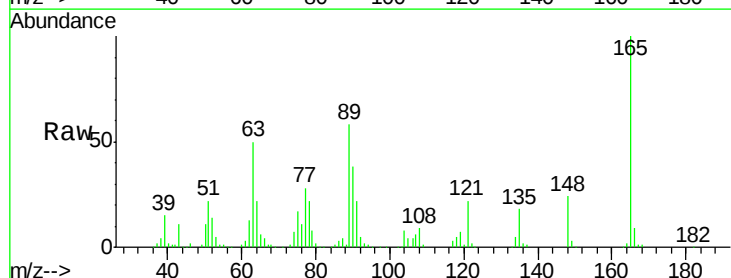
Tgt Ion:165 Resp: 160650

Ion Ratio Lower Upper

165 100

63 50.4 51.8 77.8#

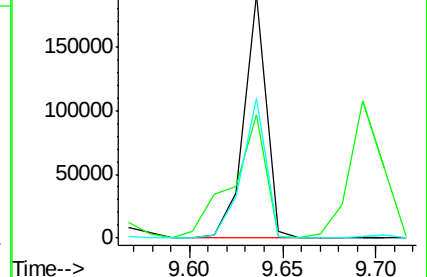
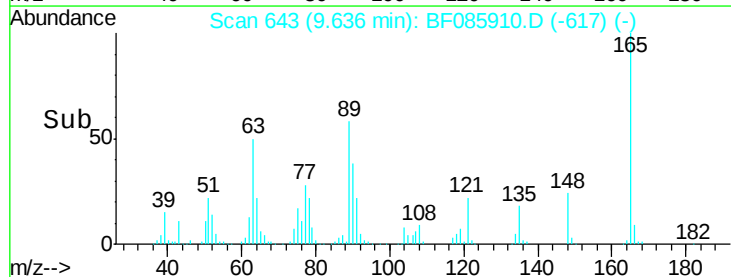
89 57.6 53.7 80.5

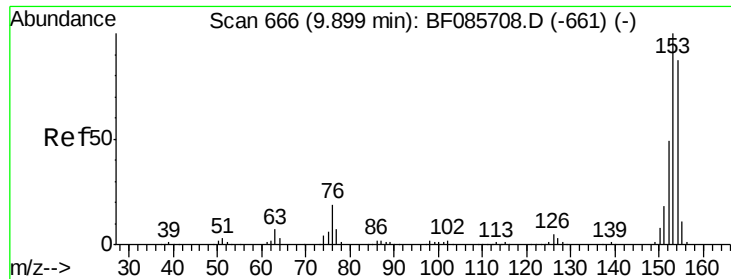


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.12 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

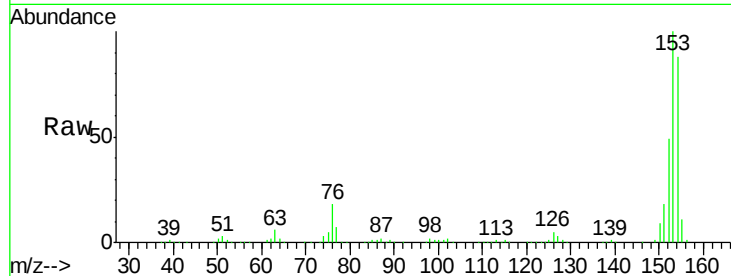
Tgt Ion:154 Resp: 531774

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

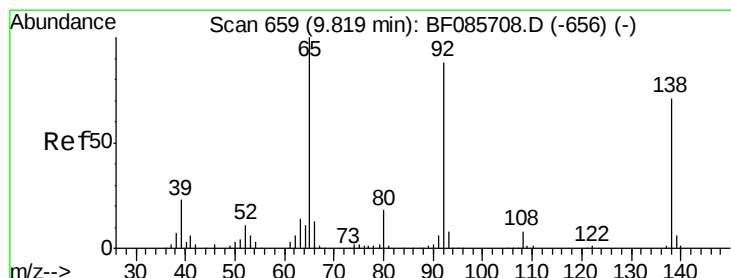
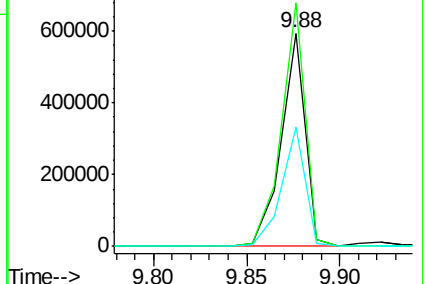
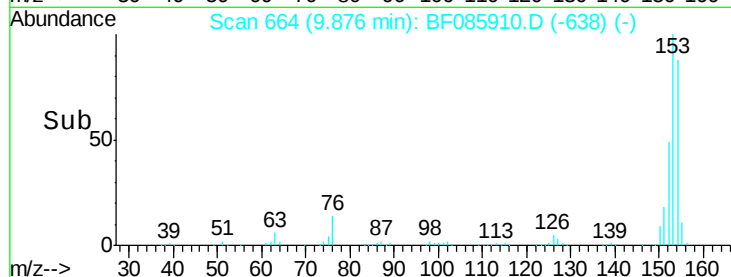
152 56.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.24 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

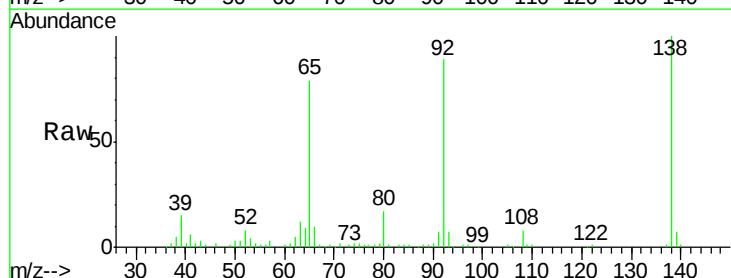
Tgt Ion:138 Resp: 122993

Ion Ratio Lower Upper

138 100

108 8.5 8.7 13.1#

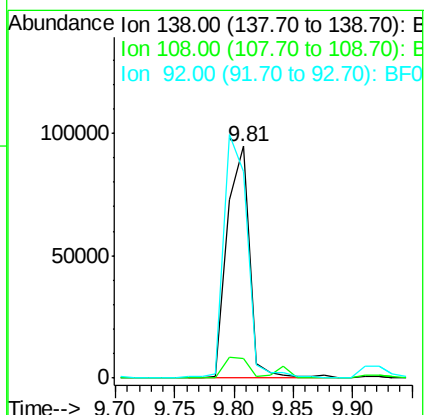
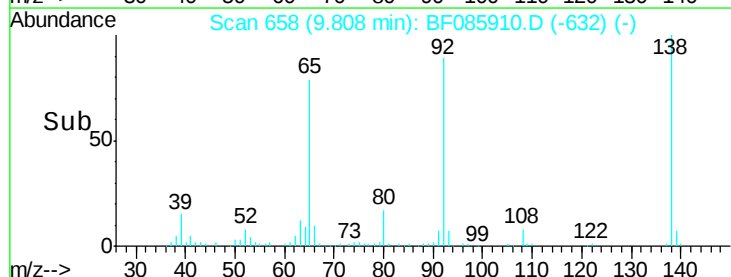
92 88.9 93.3 139.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

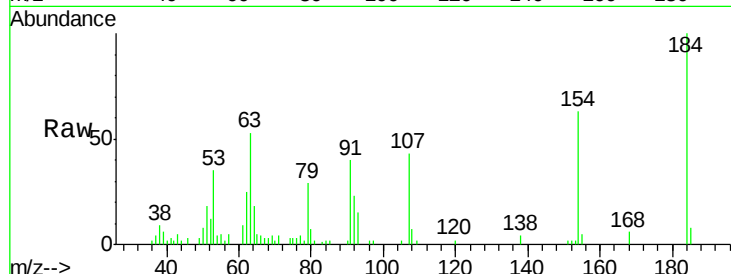




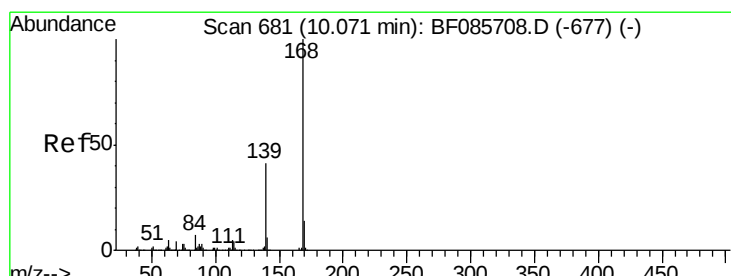
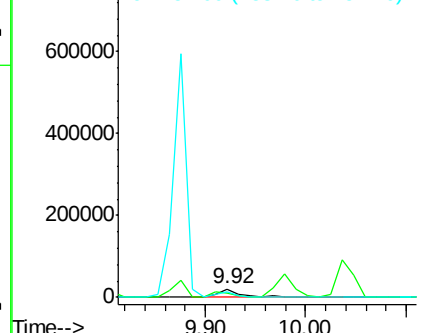
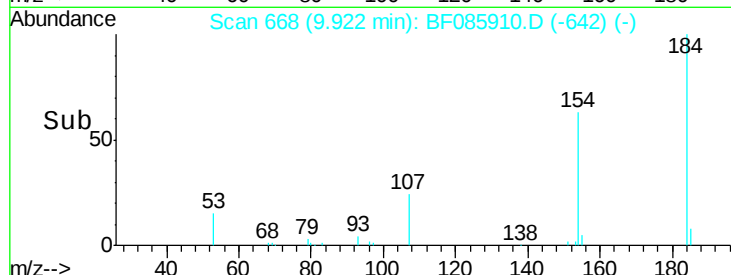
#53
 2,4-Dinitrophenol
 Concen: 25.48 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion:184 Resp: 32396
 Ion Ratio Lower Upper
 184 100
 63 52.9 69.5 104.3#
 154 62.7 58.3 87.5

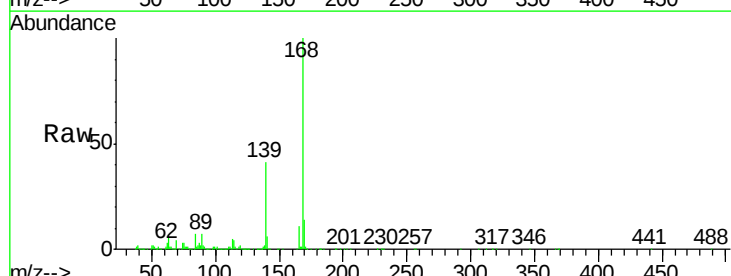


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

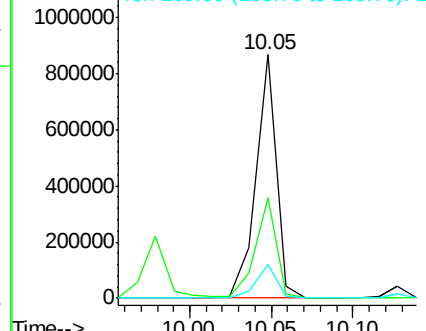
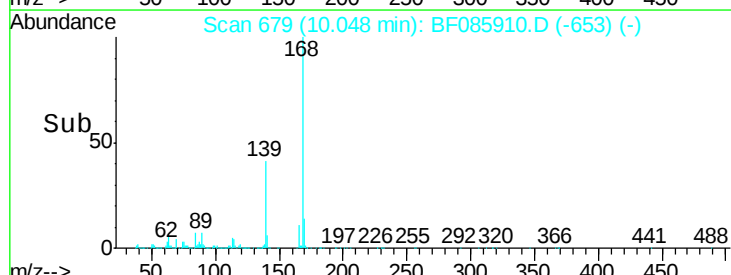


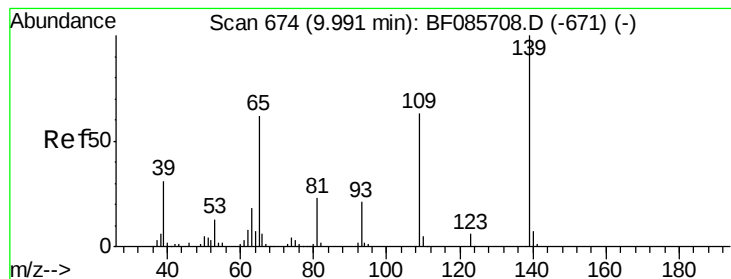
#54
 Dibenzofuran
 Concen: 50.50 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:168 Resp: 753676
 Ion Ratio Lower Upper
 168 100
 139 41.2 31.9 47.9
 169 13.6 11.0 16.6



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





#55

4-Nitrophenol

Concen: 95.86 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

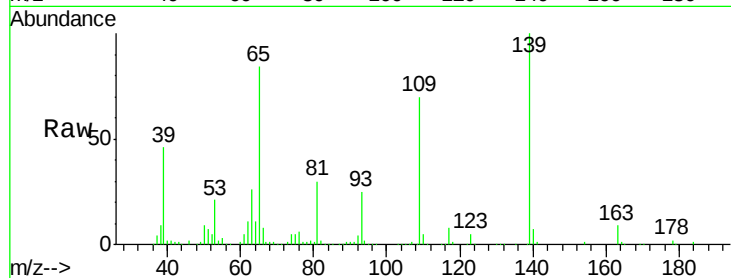
Tgt Ion:139 Resp: 217967

Ion Ratio Lower Upper

139 100

109 69.7 49.2 89.2

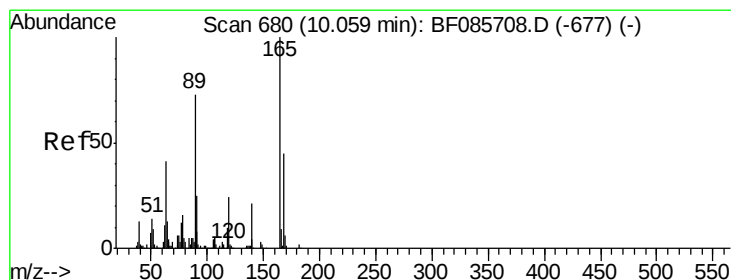
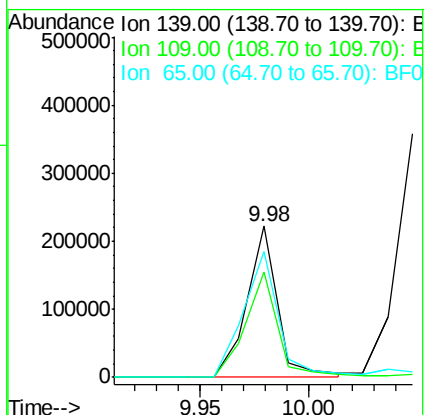
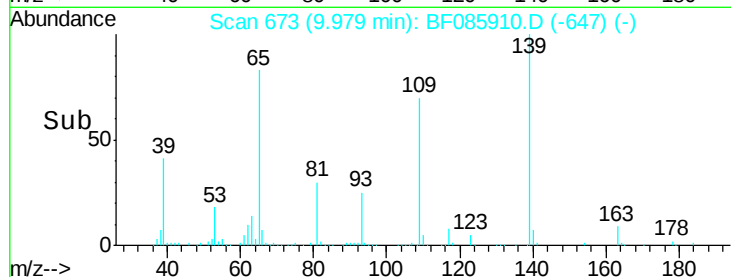
65 83.6 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.88 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:165 Resp: 177816

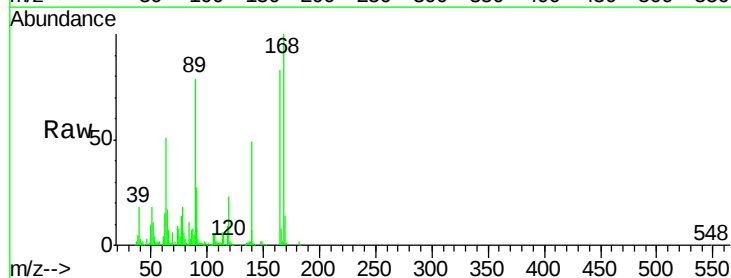
Ion Ratio Lower Upper

165 100

63 61.7 24.9 37.3#

89 95.7 41.0 61.6#

182 2.4 2.1 3.1

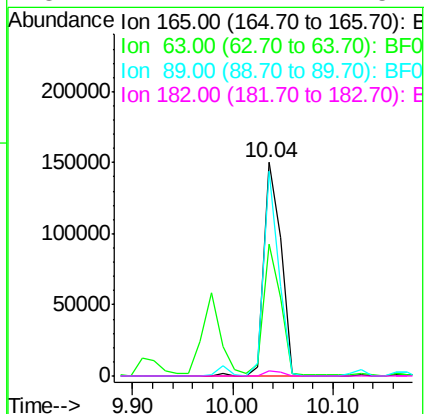
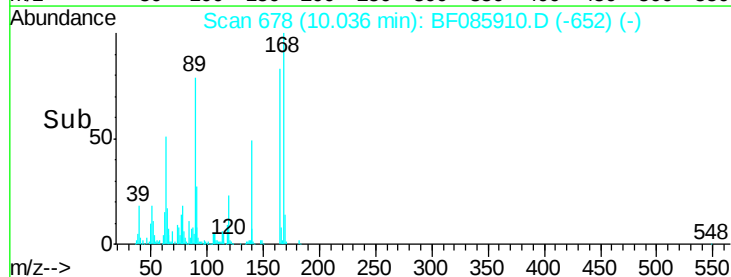


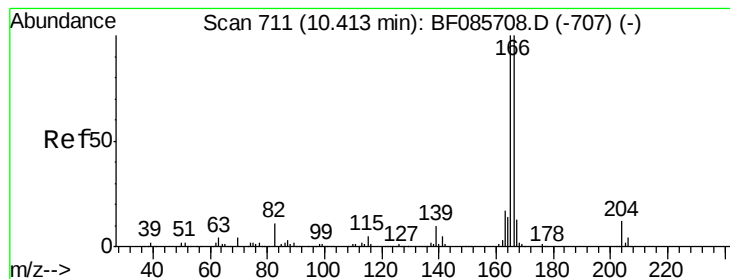
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.18 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

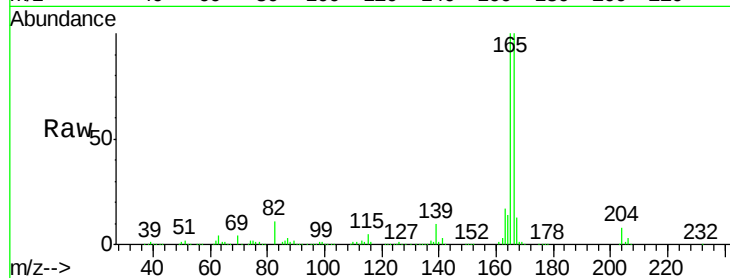
Tgt Ion:166 Resp: 597717

Ion Ratio Lower Upper

166 100

165 100.1 79.4 119.0

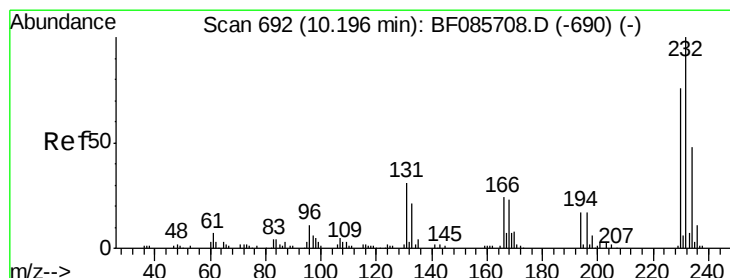
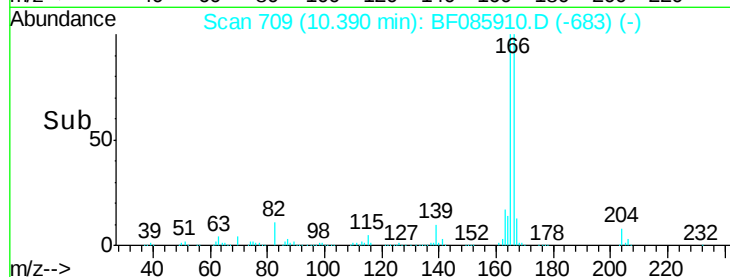
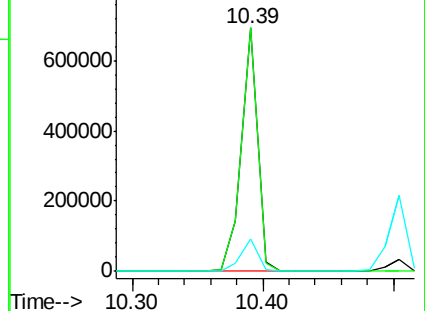
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.57 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:232 Resp: 148740

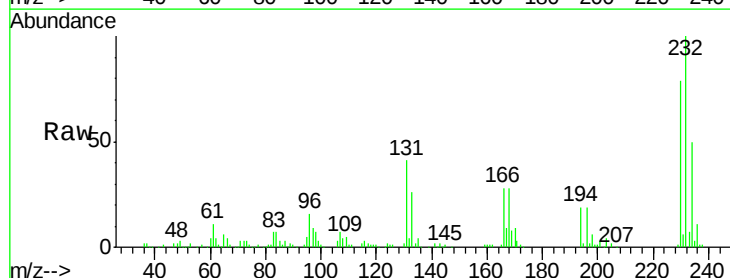
Ion Ratio Lower Upper

232 100

131 52.6 44.9 67.3

130 2.5 2.3 3.5

166 31.3 28.1 42.1

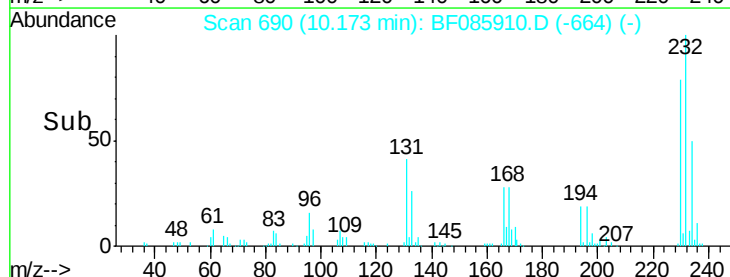
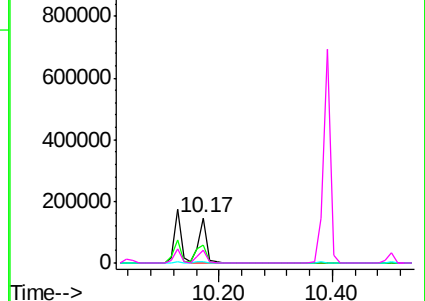


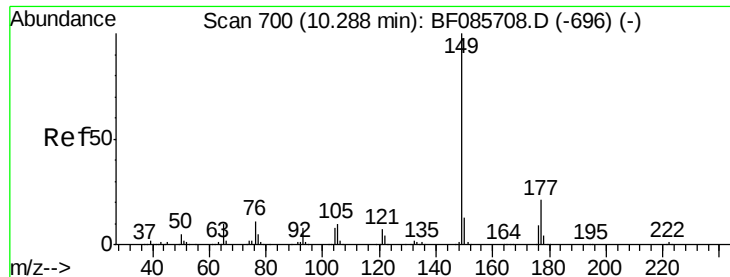
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

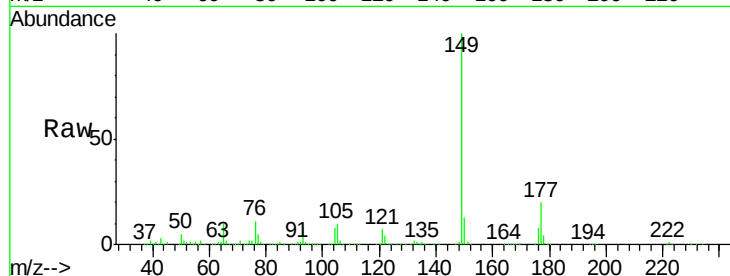




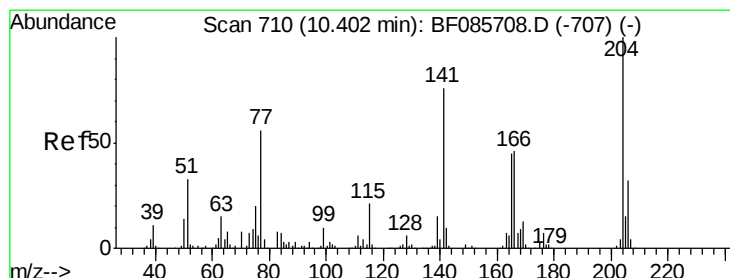
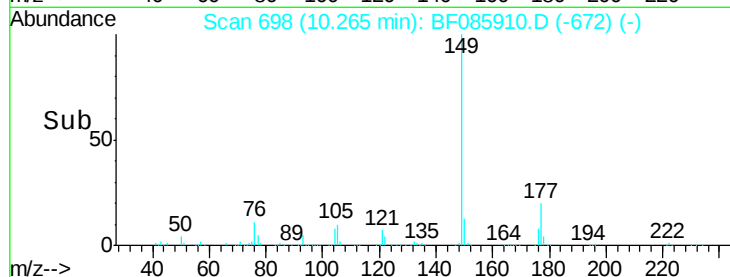
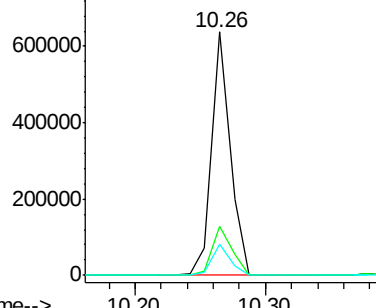
#59
Diethylphthalate
Concen: 44.87 ng
RT: 10.26 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion:149 Resp: 627952
Ion Ratio Lower Upper
149 100
177 20.3 17.9 26.9
150 12.9 10.2 15.2

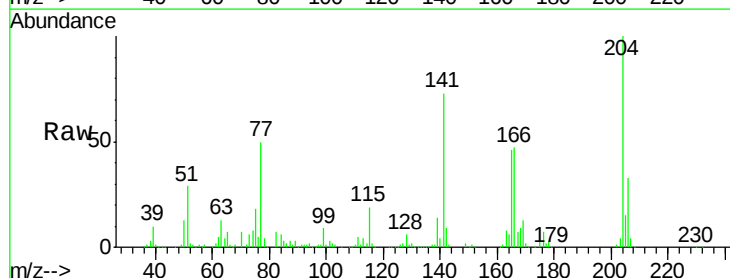


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

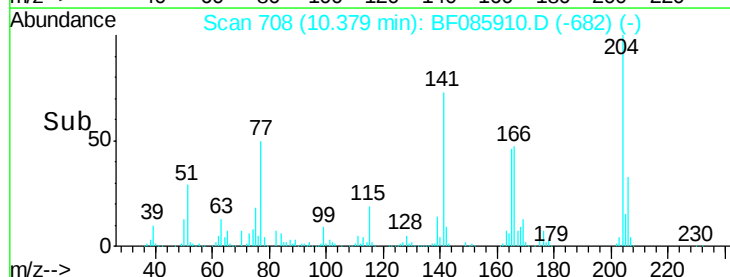
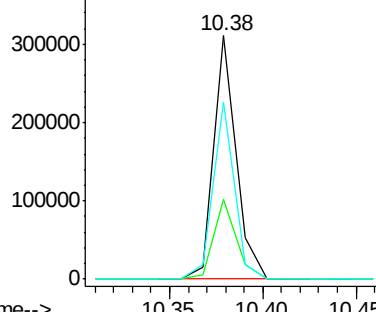


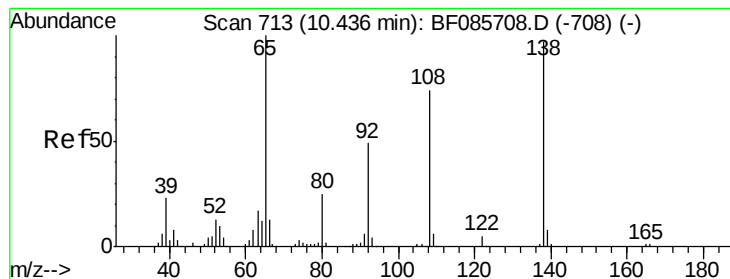
#60
4-Chlorophenyl-phenylether
Concen: 42.93 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion:204 Resp: 260418
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 72.9 57.4 86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

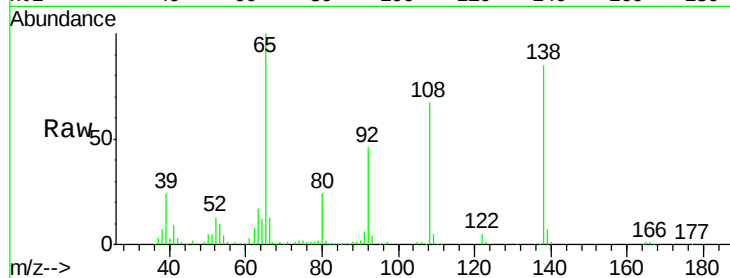
Tgt Ion:138 Resp: 141100

Ion Ratio Lower Upper

138 100

92 53.9 26.4 66.4

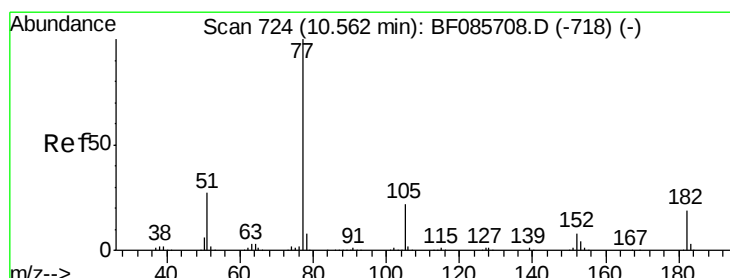
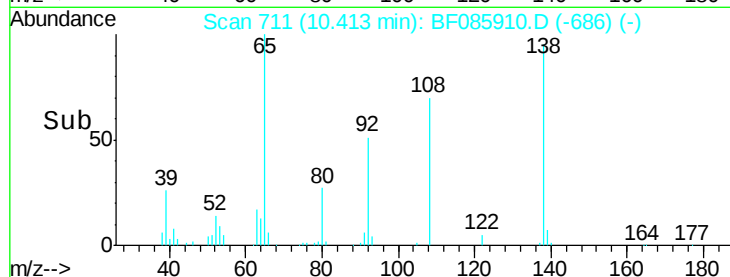
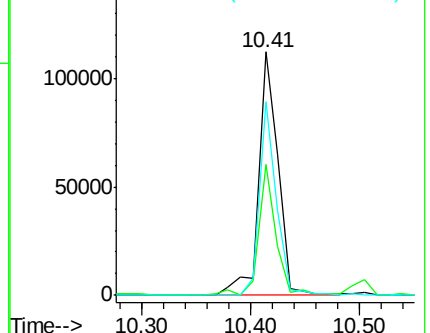
108 79.6 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.89 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion: 77 Resp: 684494

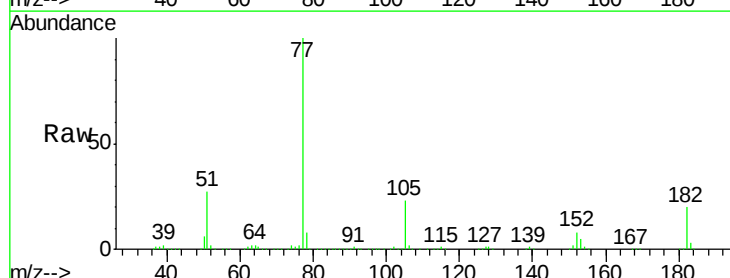
Ion Ratio Lower Upper

77 100

182 20.2 1.9 41.9

105 22.8 3.5 43.5

51 26.9 6.3 46.3

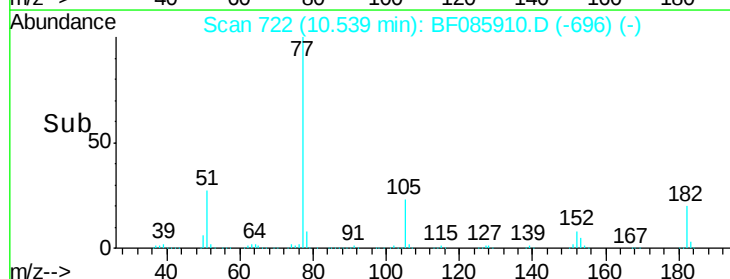
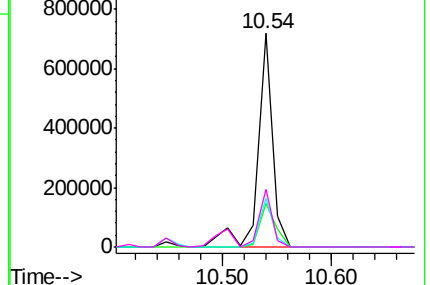


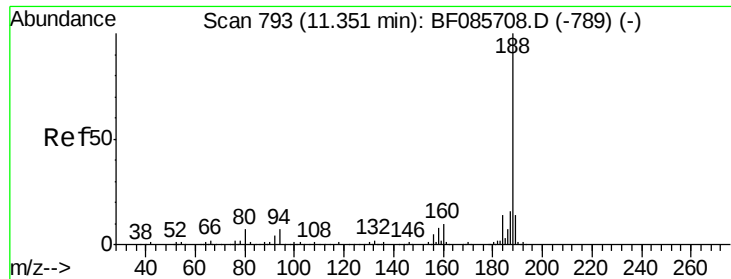
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

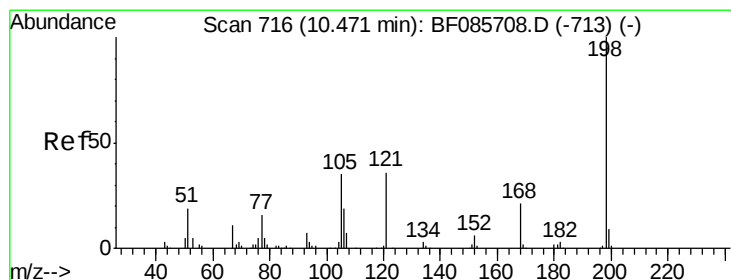
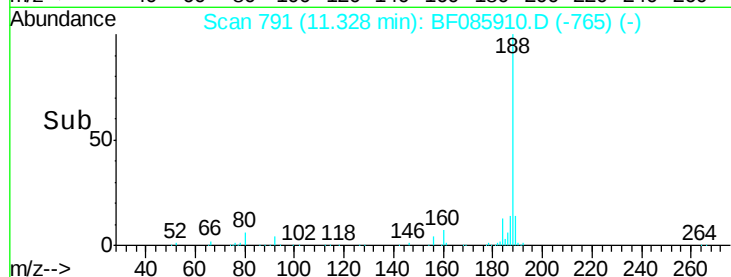
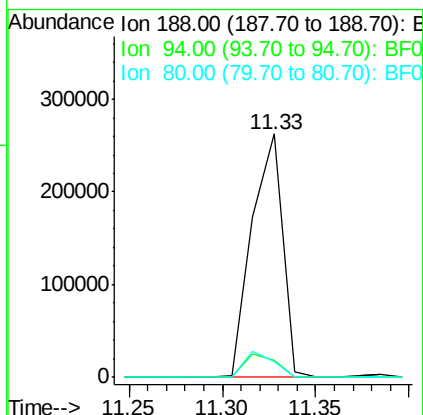
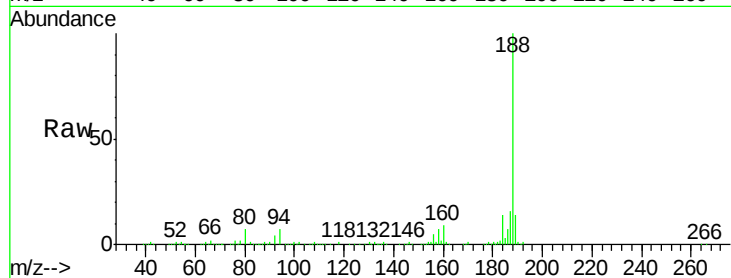




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

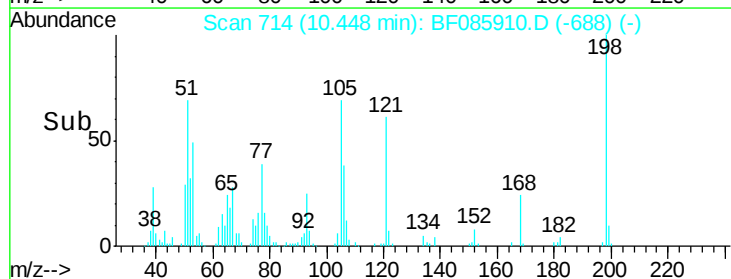
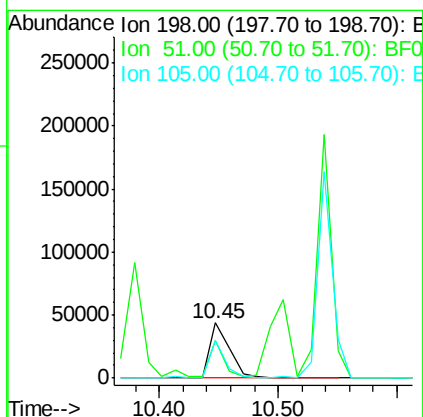
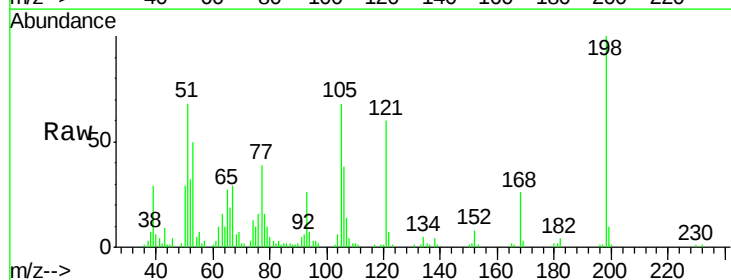
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

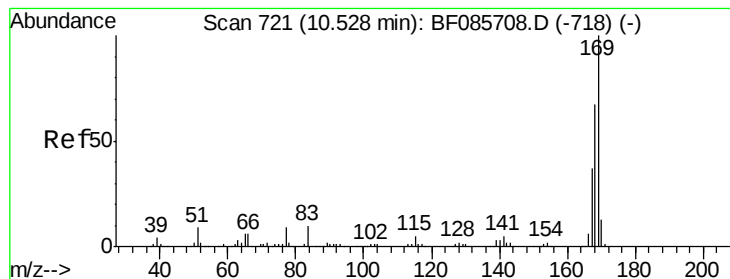
Tgt Ion:188 Resp: 305255
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 6.5 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 28.19 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion:198 Resp: 50393
Ion Ratio Lower Upper
198 100
51 68.1 45.4 85.4
105 68.4 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 57.28 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

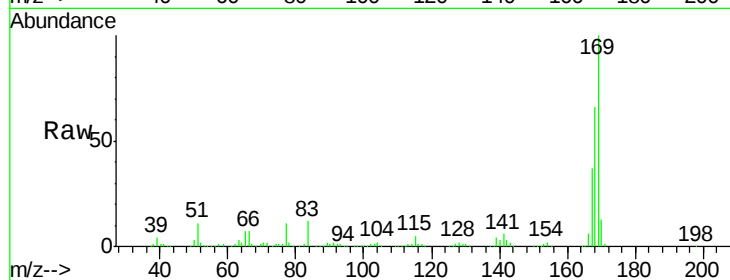
Tgt Ion:169 Resp: 553814

Ion Ratio Lower Upper

169 100

168 66.4 54.4 81.6

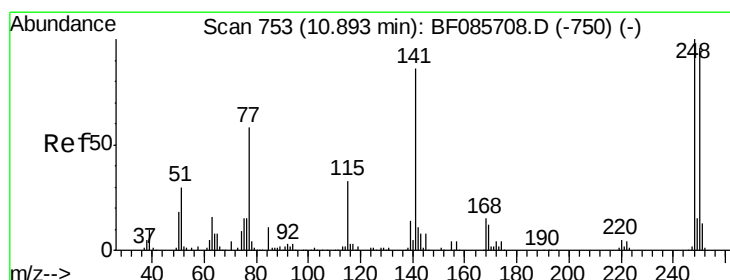
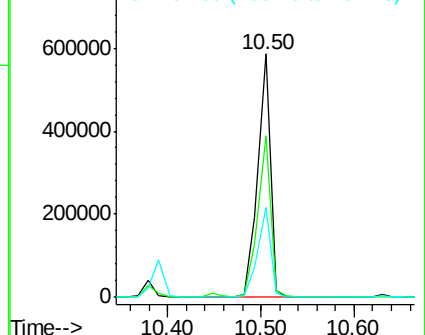
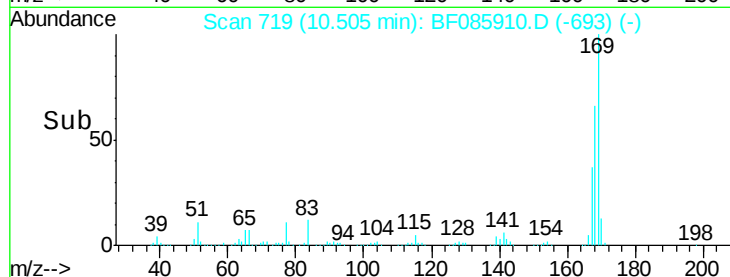
167 37.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.35 ng

RT: 10.87 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

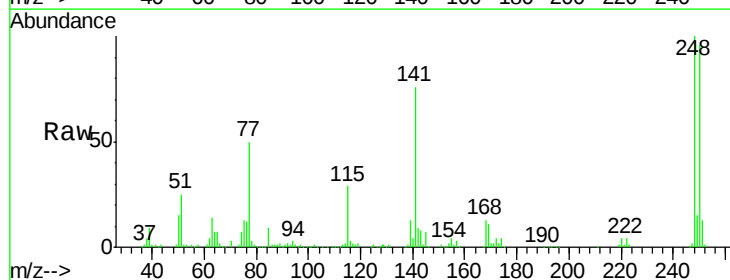
Tgt Ion:248 Resp: 172851

Ion Ratio Lower Upper

248 100

250 96.2 77.4 116.0

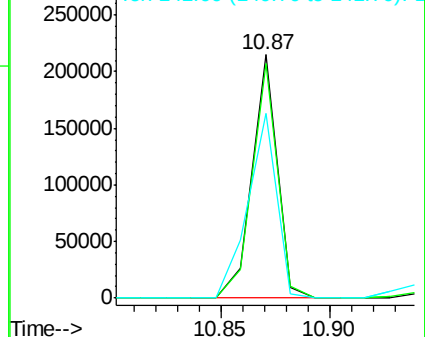
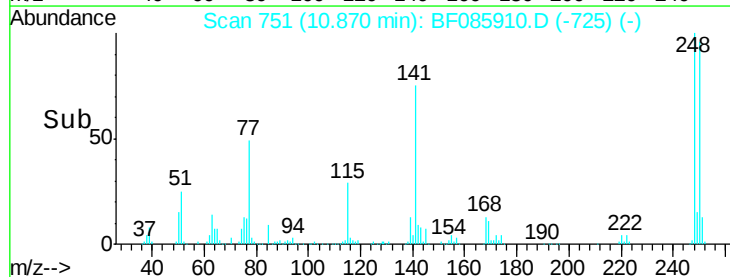
141 75.6 63.6 95.4

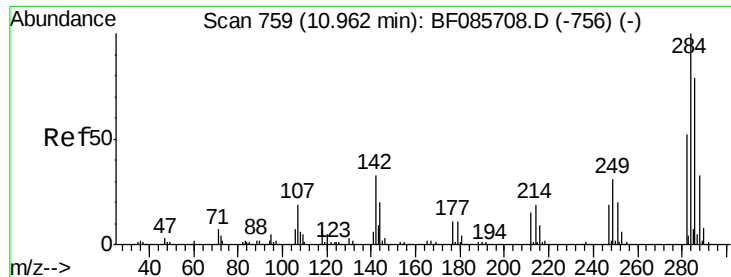


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.54 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

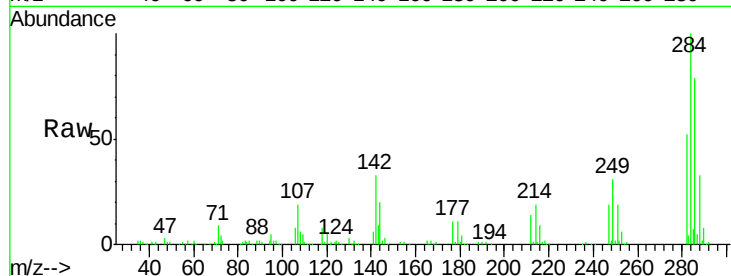
Tgt Ion: 284 Resp: 174857

Ion Ratio Lower Upper

284 100

142 33.0 23.1 34.7

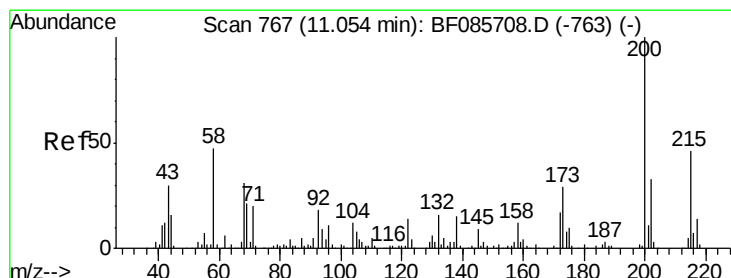
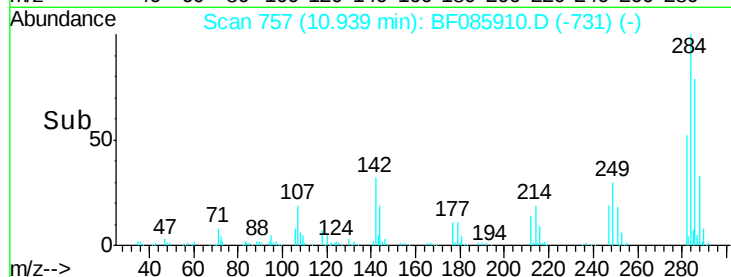
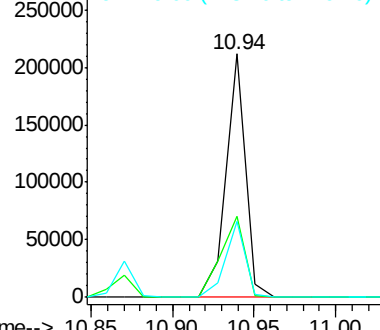
249 31.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.84 ng

RT: 11.03 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

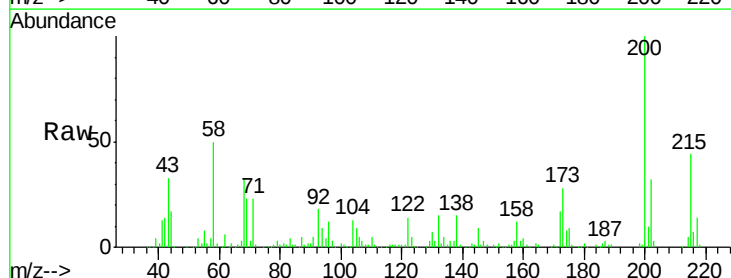
Tgt Ion: 200 Resp: 162686

Ion Ratio Lower Upper

200 100

173 28.4 7.7 47.7

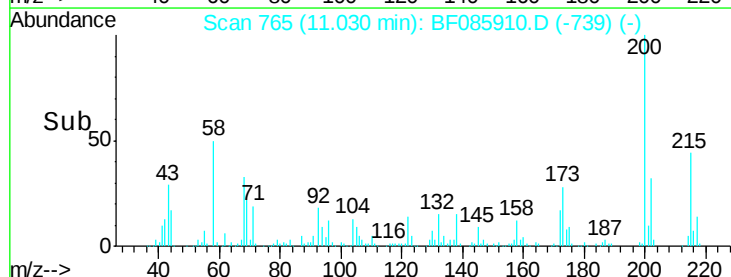
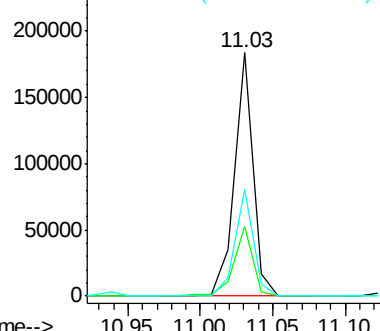
215 44.1 25.4 65.4

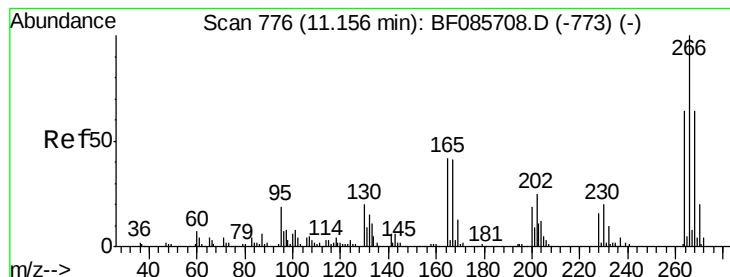


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 94.30 ng

RT: 11.13 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

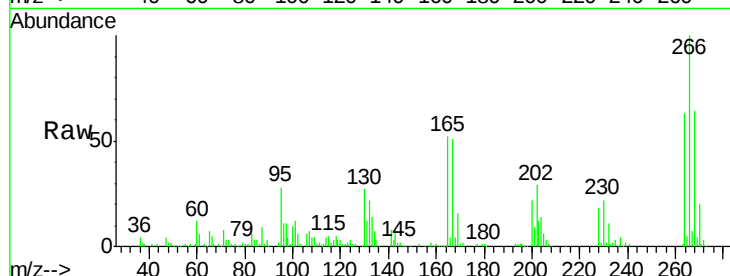
Tgt Ion:266 Resp: 151203

Ion Ratio Lower Upper

266 100

268 64.3 51.5 77.3

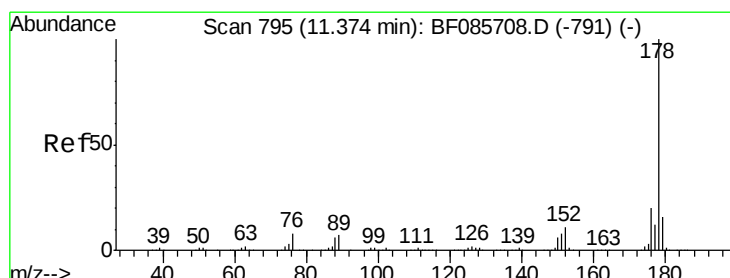
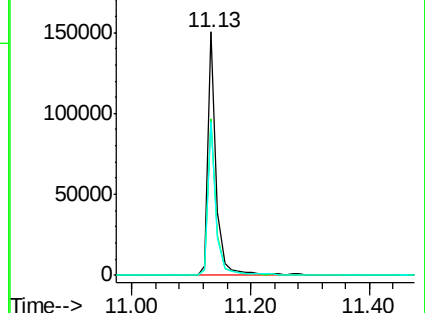
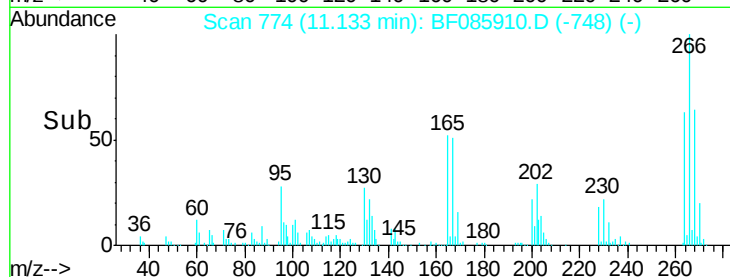
264 63.3 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 54.13 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

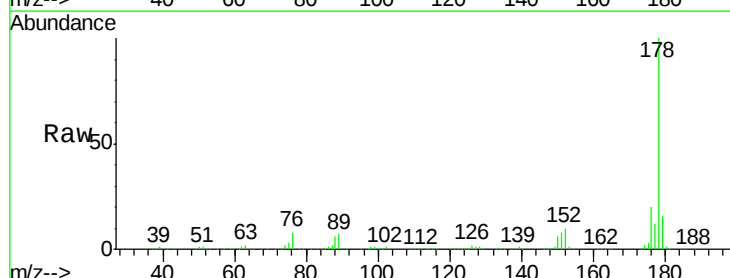
Tgt Ion:178 Resp: 848370

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

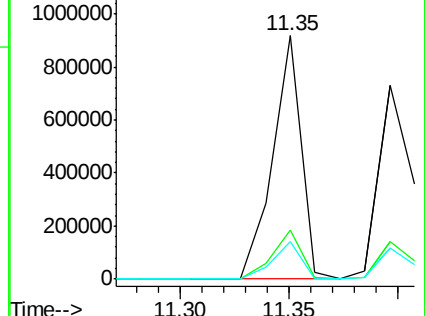
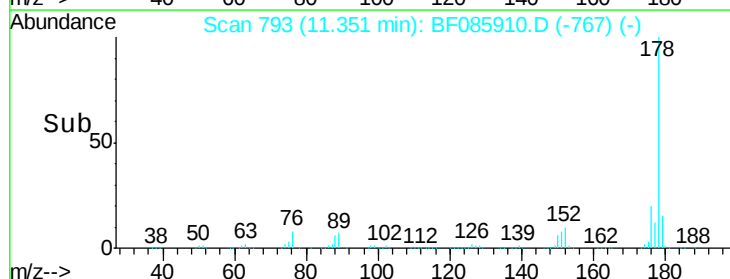
179 15.6 12.6 18.8

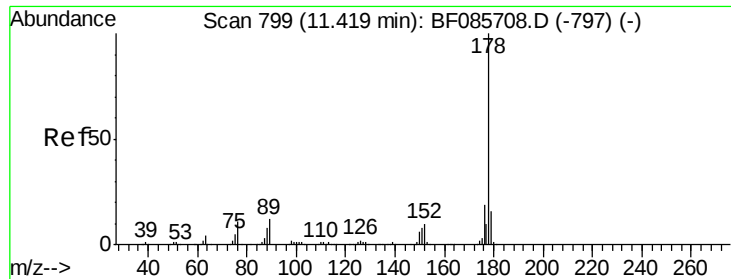


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

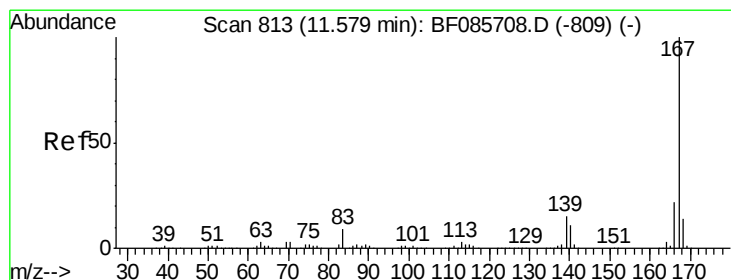
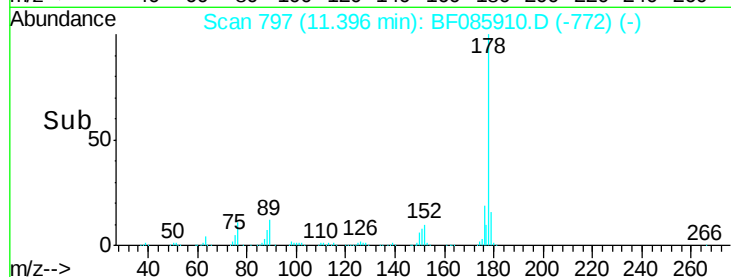
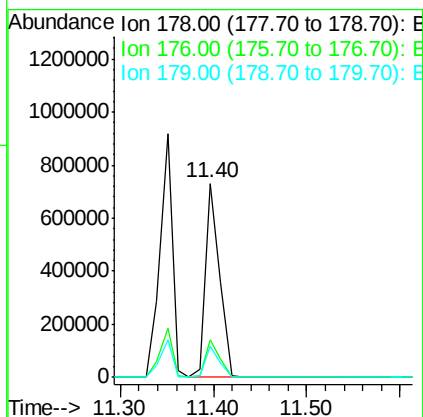
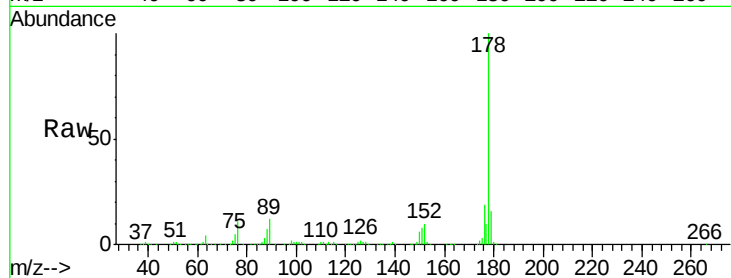




#71
 Anthracene
 Concen: 47.23 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

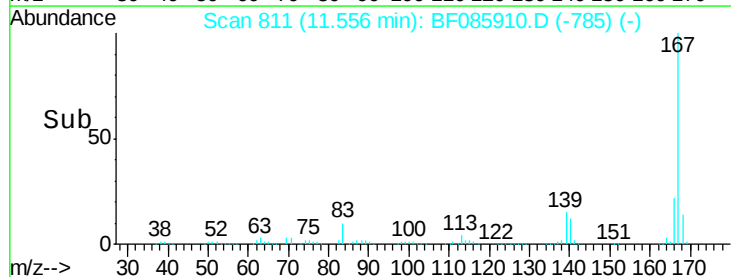
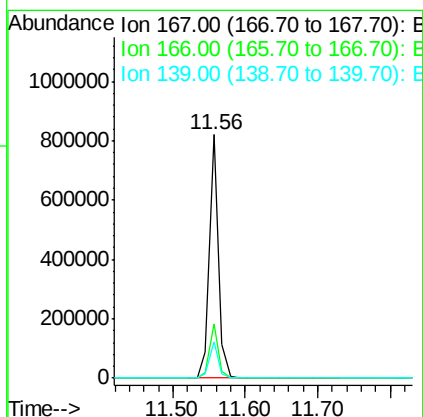
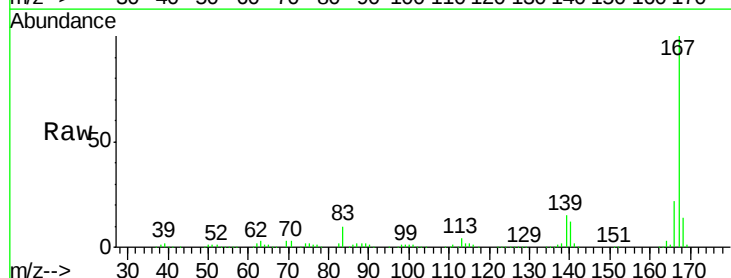
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

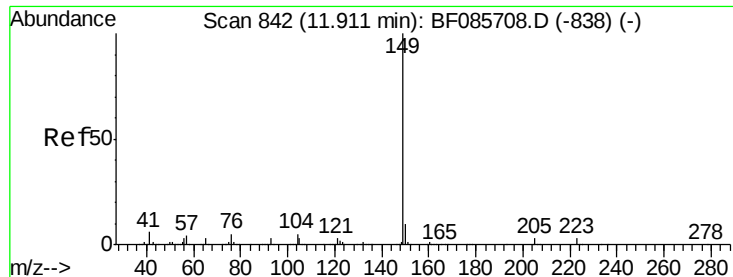
Tgt Ion:178 Resp: 777126
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 51.67 ng
 RT: 11.56 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:167 Resp: 713795
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 15.1 11.6 17.4





#73

Di-n-butylphthalate

Concen: 51.86 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

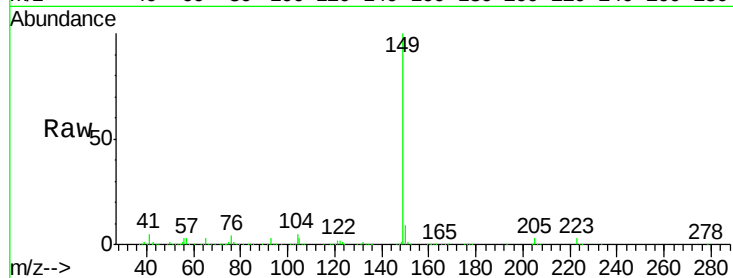
Tgt Ion:149 Resp: 983105

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

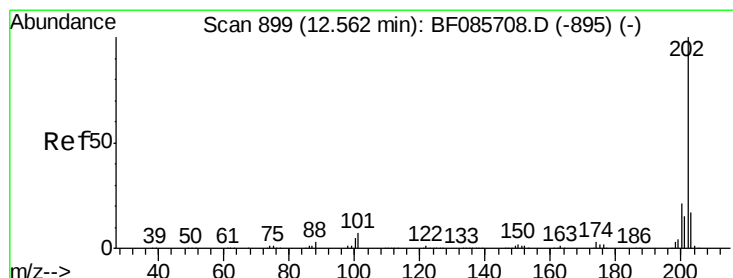
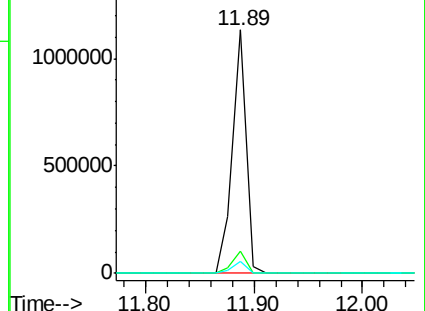
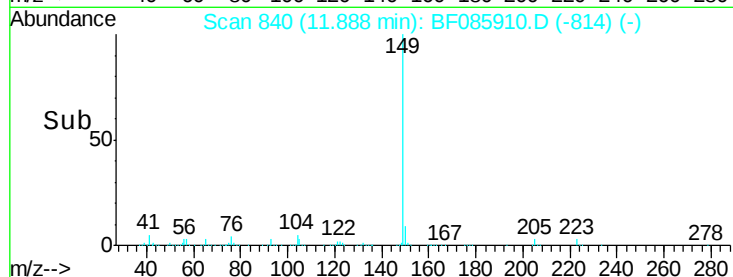
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.54 ng

RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

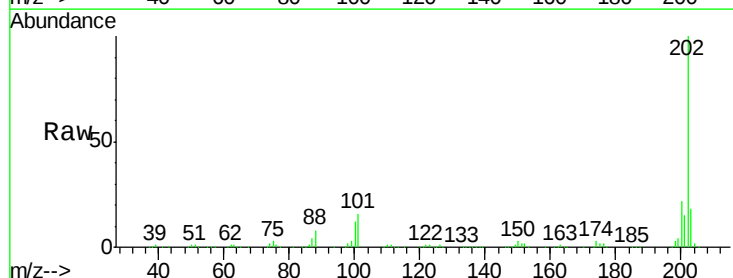
Tgt Ion:202 Resp: 692058

Ion Ratio Lower Upper

202 100

101 16.0 0.0 36.6

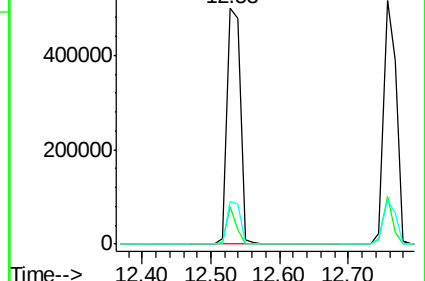
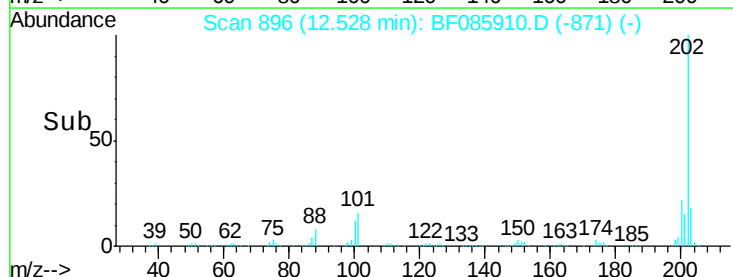
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

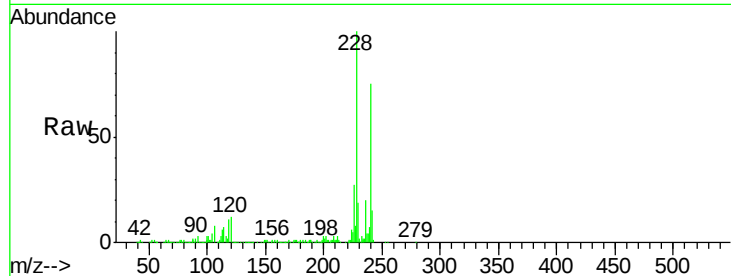
Tgt Ion:240 Resp: 193119

Ion Ratio Lower Upper

240 100

120 15.6 13.8 20.8

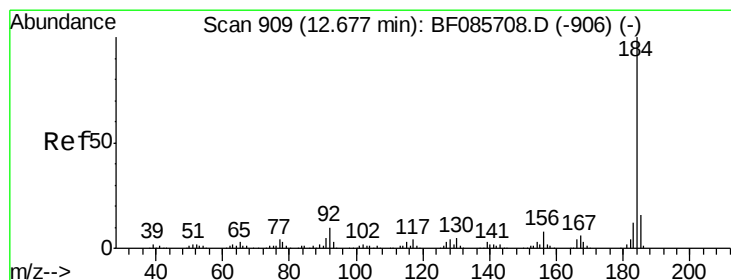
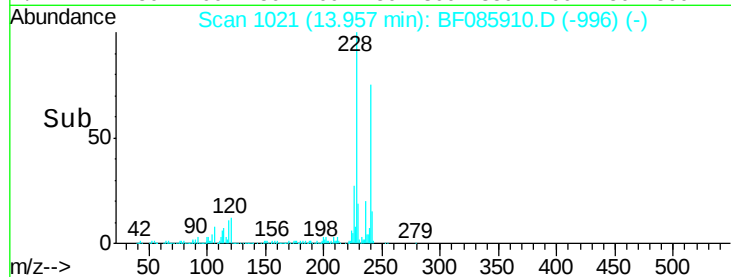
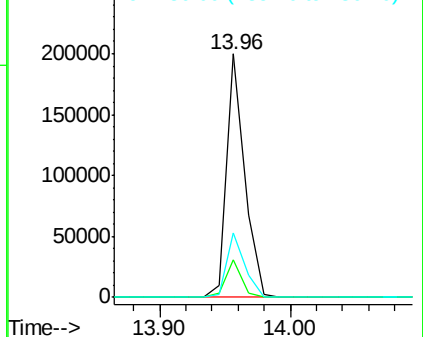
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.47 ng

RT: 12.65 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

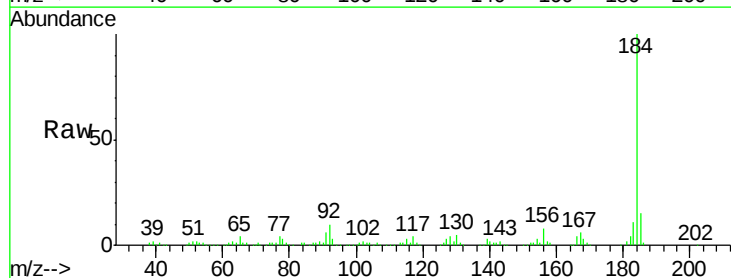
Tgt Ion:184 Resp: 288829

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

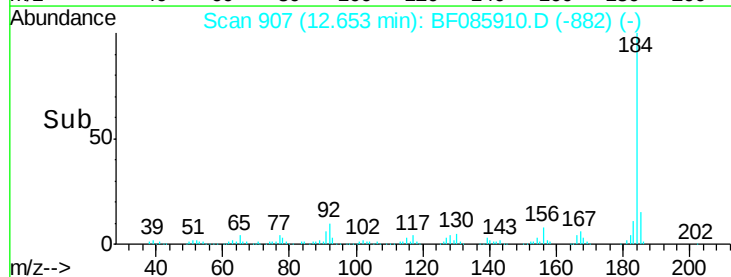
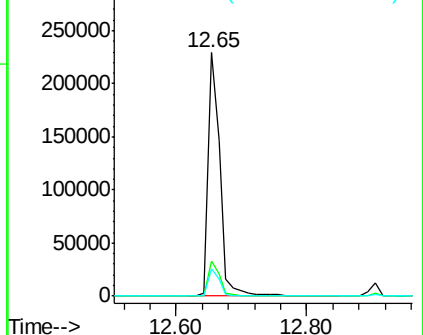
183 11.0 9.4 14.2

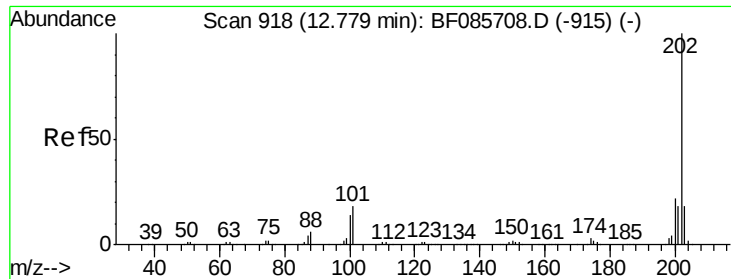


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

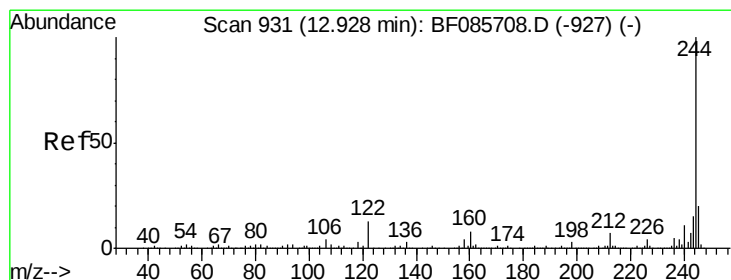
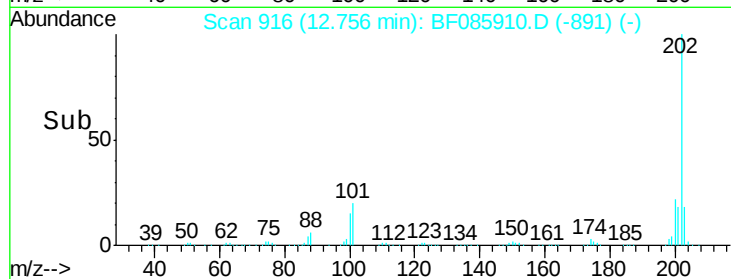
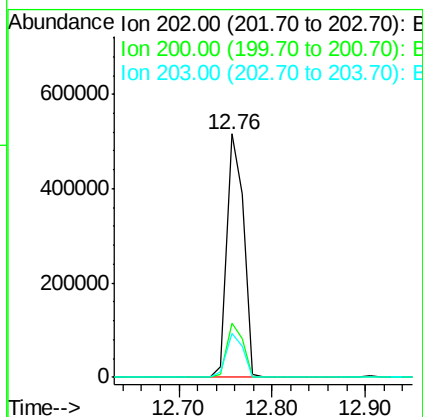
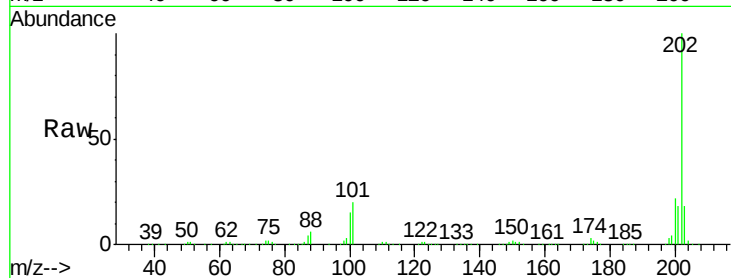




#77
 Pyrene
 Concen: 40.62 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

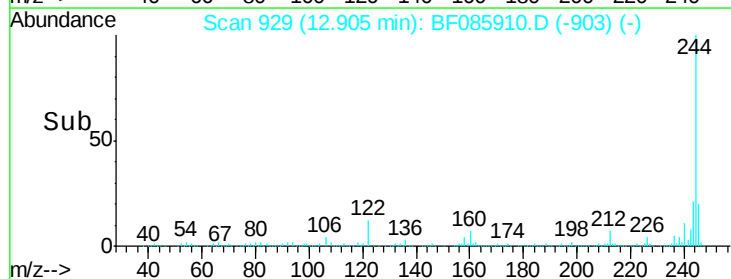
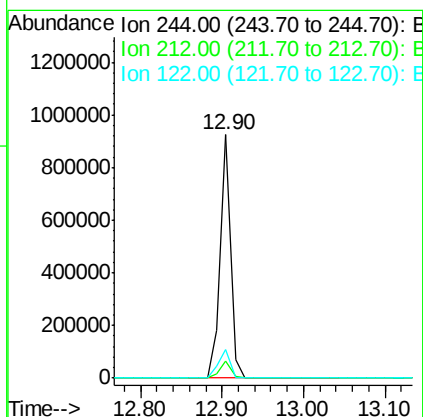
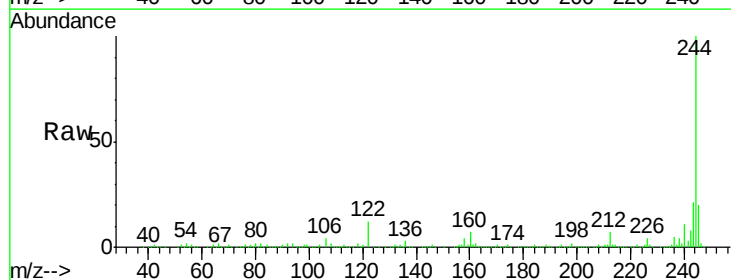
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

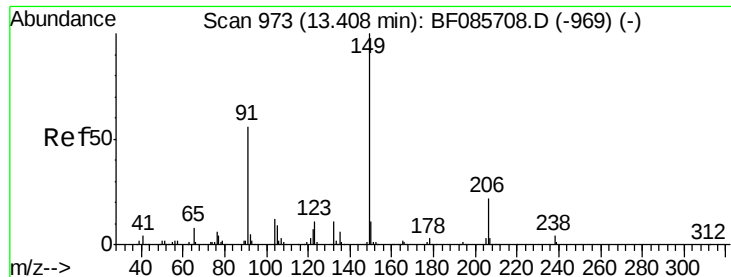
Tgt Ion: 202 Resp: 644794
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 17.9 14.0 21.0



#78
 Terphenyl-d14
 Concen: 86.69 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion: 244 Resp: 814060
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.9 10.2 15.4





#79

Butylbenzylphthalate

Concen: 49.43 ng

RT: 13.37 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

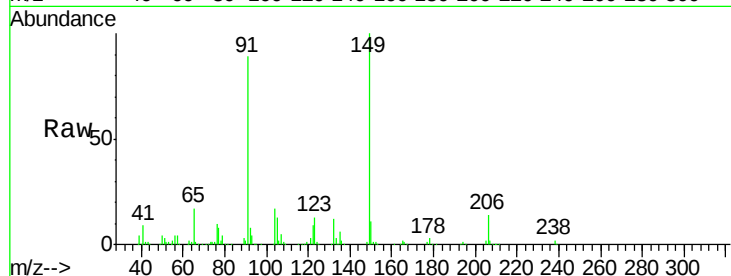
Tgt Ion:149 Resp: 328629

Ion Ratio Lower Upper

149 100

91 88.7 45.8 68.8#

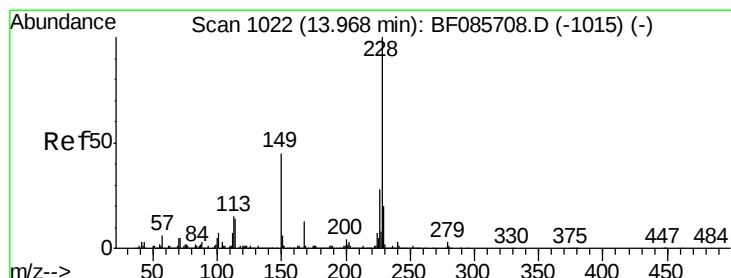
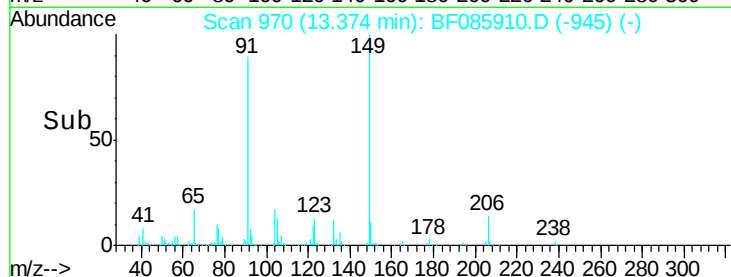
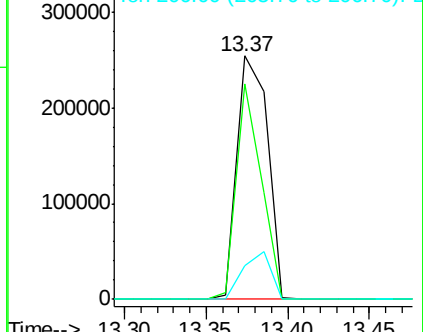
206 13.8 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.21 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

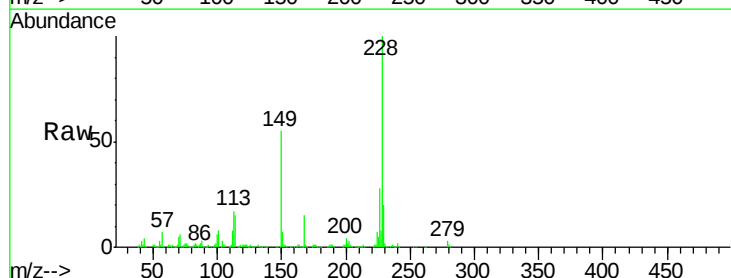
Tgt Ion:228 Resp: 530840

Ion Ratio Lower Upper

228 100

226 28.5 22.1 33.1

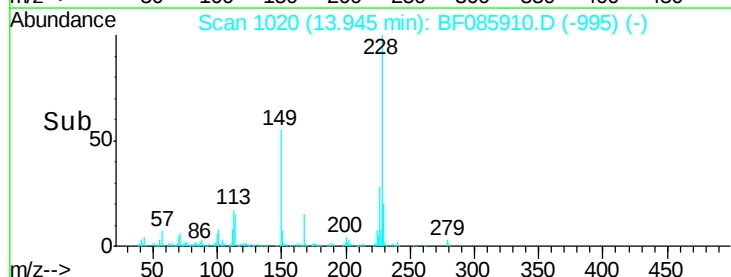
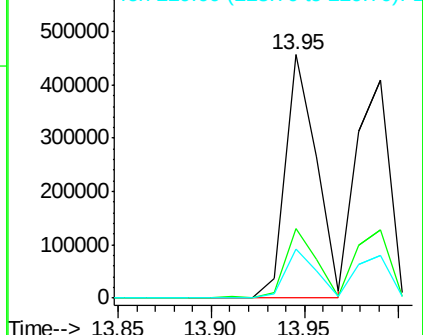
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

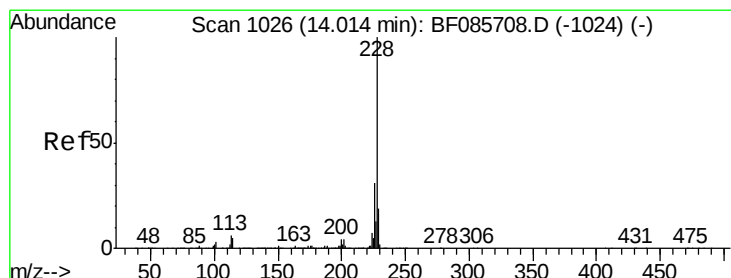
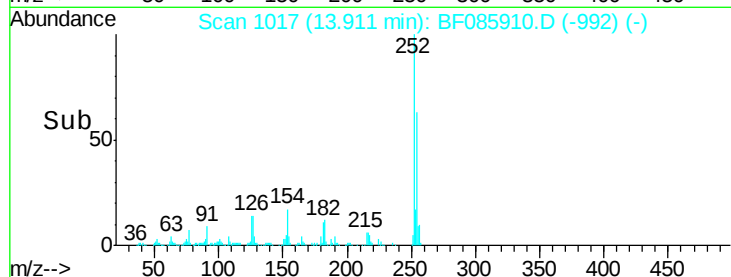
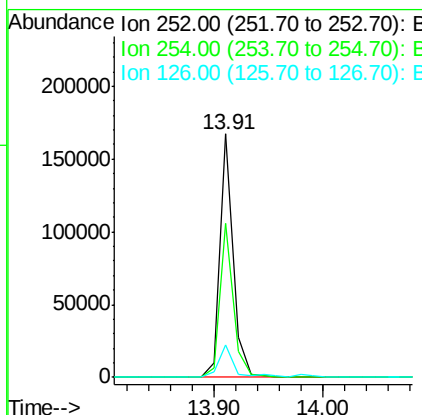
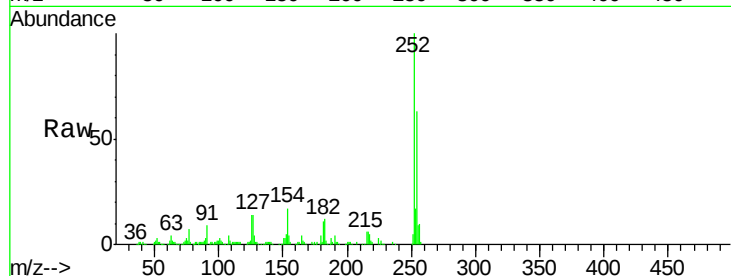




#81
 3,3'-Dichlorobenzidine
 Concen: 18.87 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

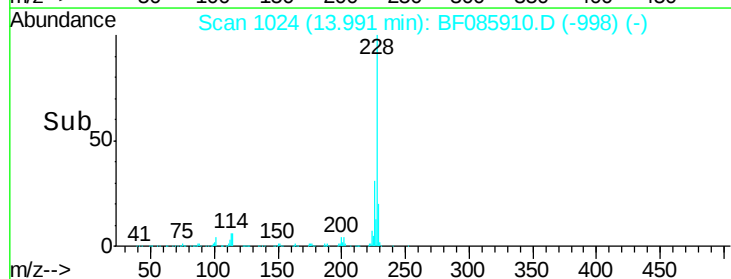
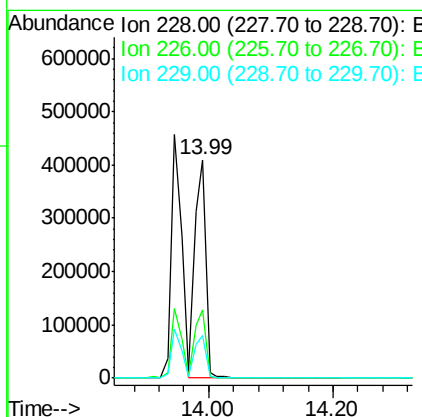
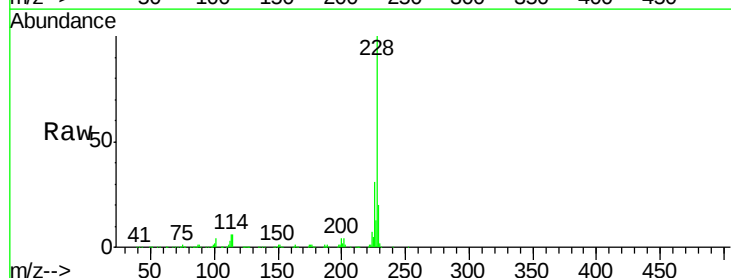
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

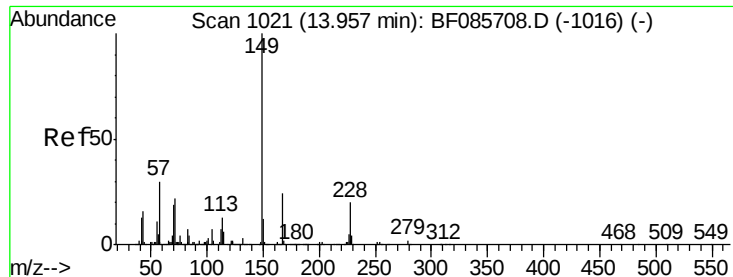
Tgt Ion:252 Resp: 144237
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.7 76.1
 126 13.6 11.8 17.6



#82
 Chrysene
 Concen: 46.38 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:228 Resp: 514440
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.5 15.7 23.5

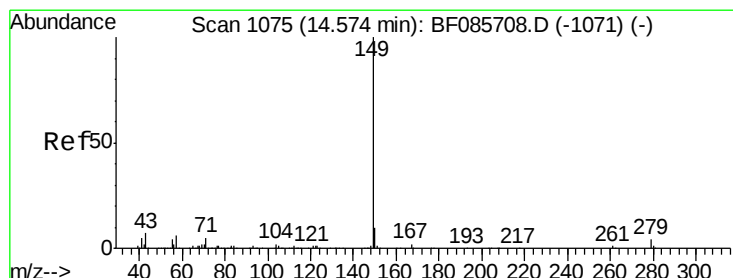
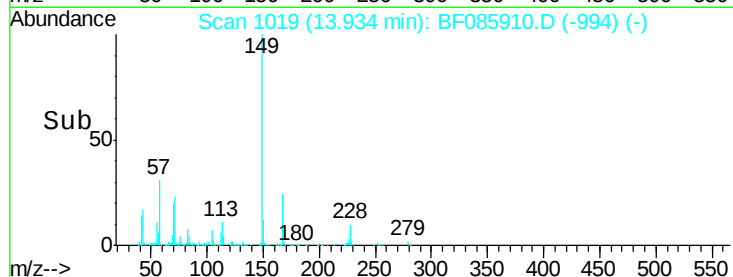
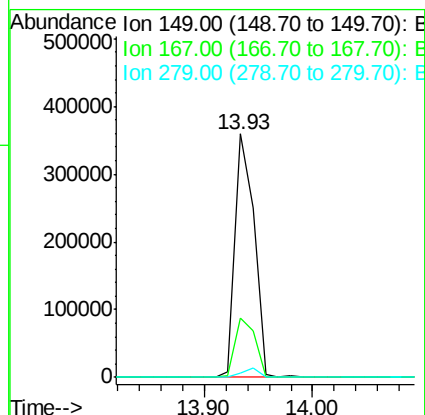
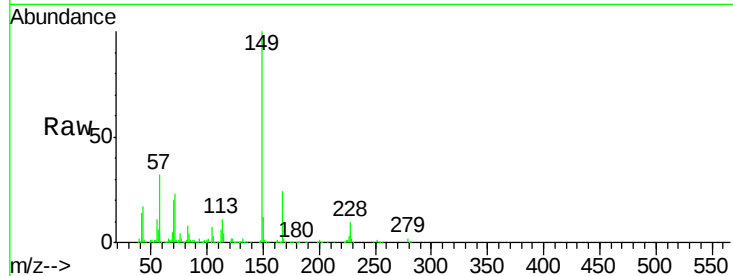




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.02 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

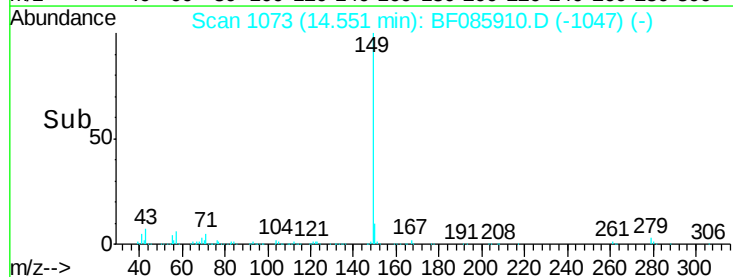
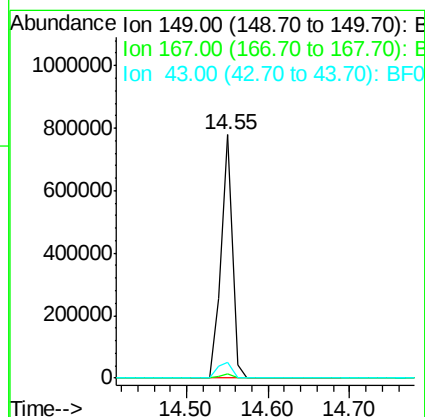
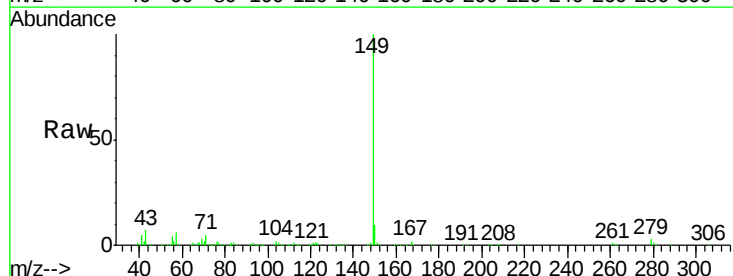
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

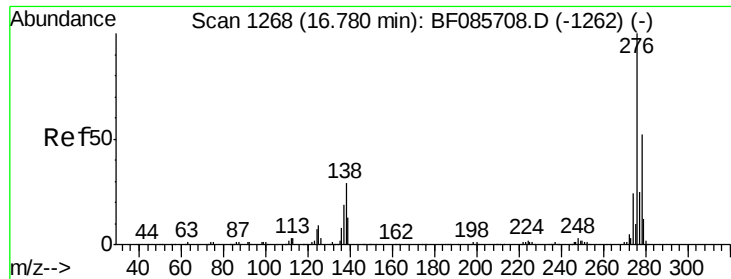
Tgt Ion:149 Resp: 429955
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.4 29.2
 279 1.9 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 63.01 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:149 Resp: 745848
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.5 7.1 10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.09 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

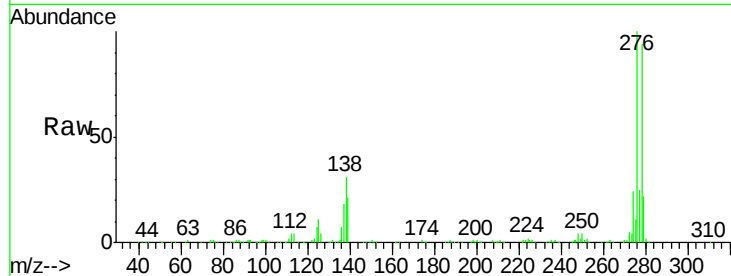
Tgt Ion:276 Resp: 531822

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

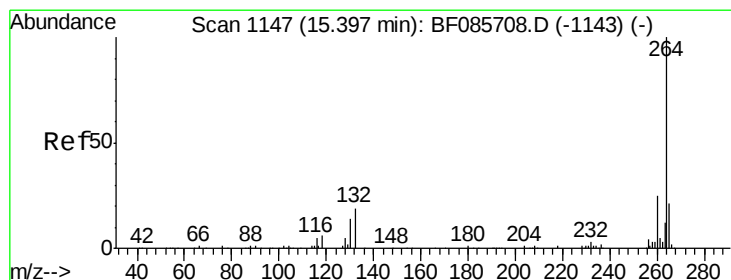
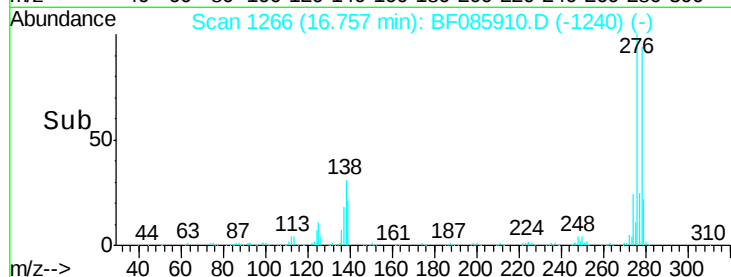
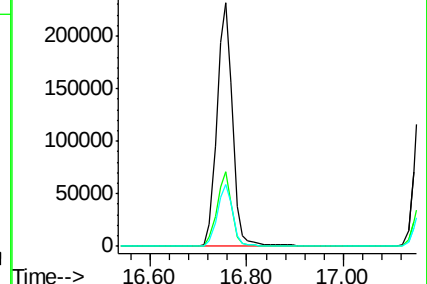
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

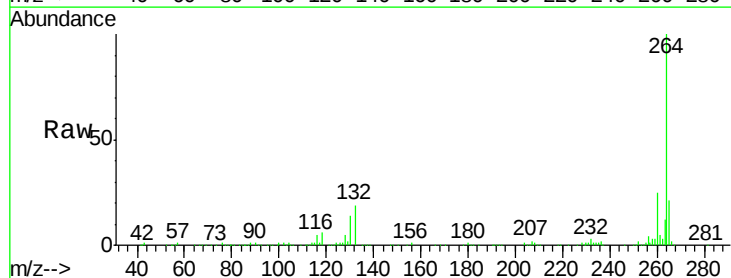
Tgt Ion:264 Resp: 201550

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

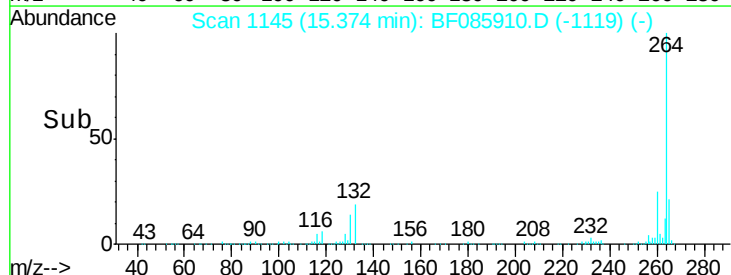
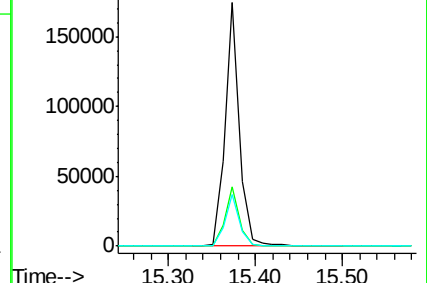
265 21.3 17.2 25.8

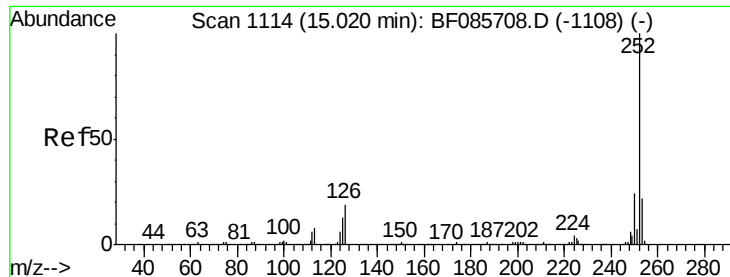


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

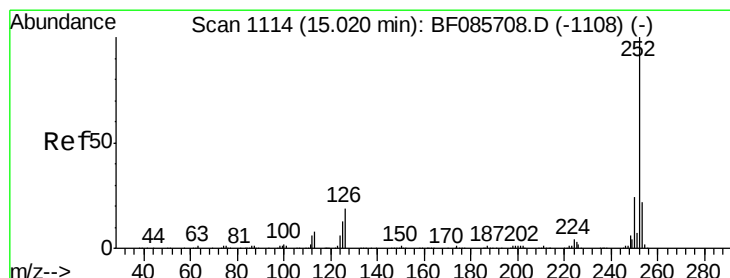
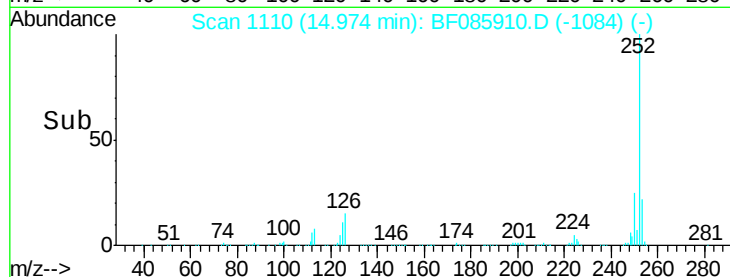
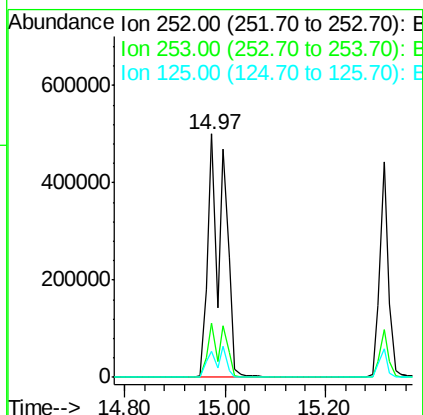
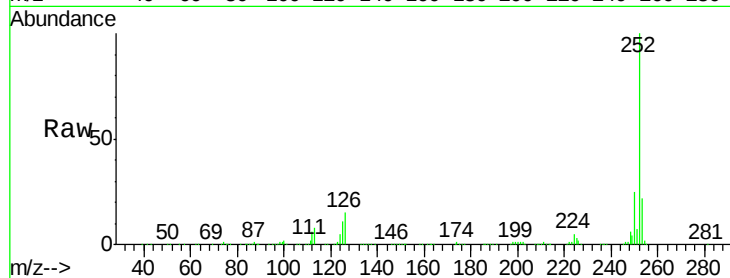




#87
Benzo(b)fluoranthene
Concen: 85.57 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

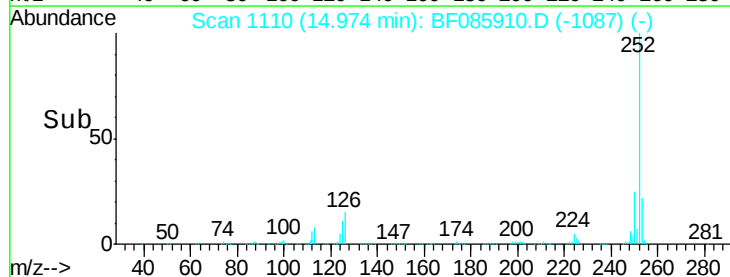
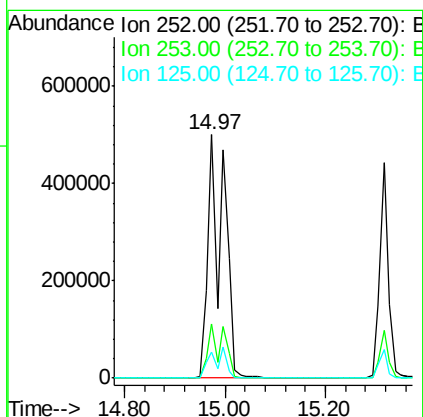
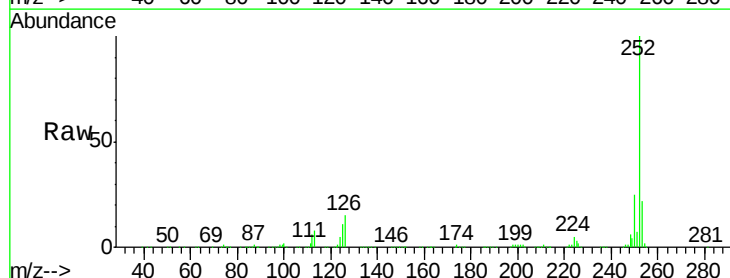
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

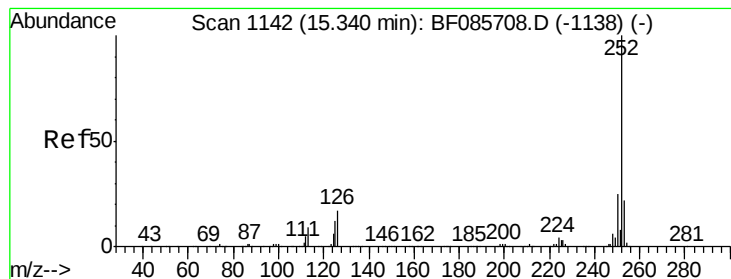
Tgt Ion:252 Resp: 1086421
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.9 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 94.91 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.03 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion:252 Resp: 1086421
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.9 7.7 11.5





#89

Benzo(a)pyrene

Concen: 47.56 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

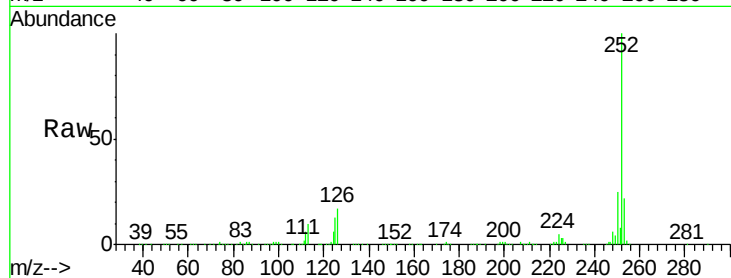
Tgt Ion:252 Resp: 536191

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

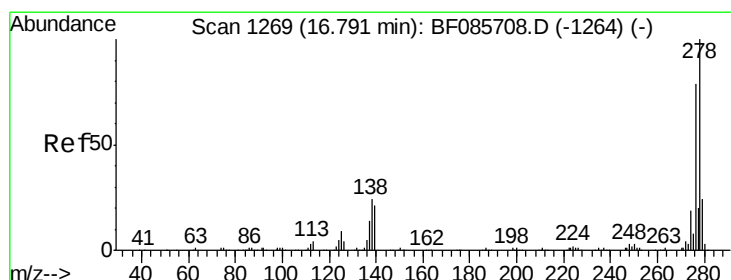
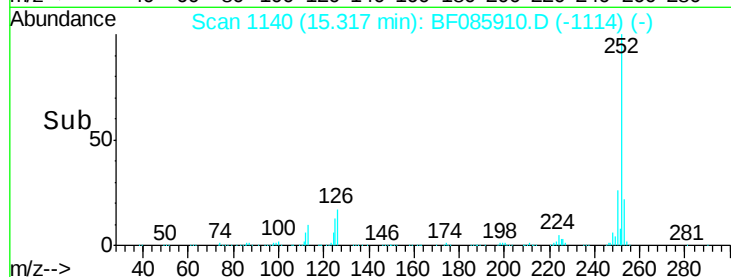
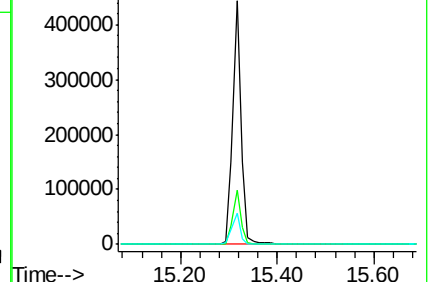
125 13.0 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.32 ng

RT: 16.77 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

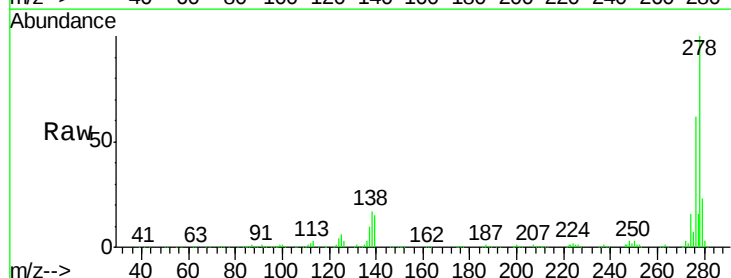
Tgt Ion:278 Resp: 464194

Ion Ratio Lower Upper

278 100

139 15.1 14.4 21.6

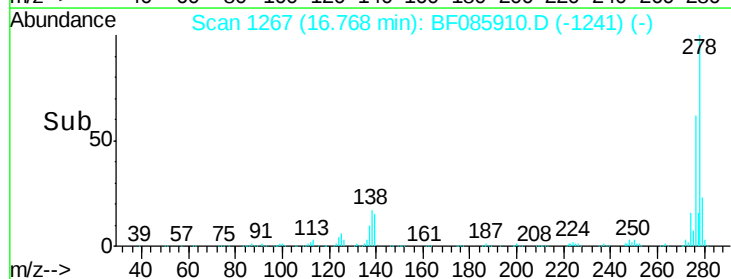
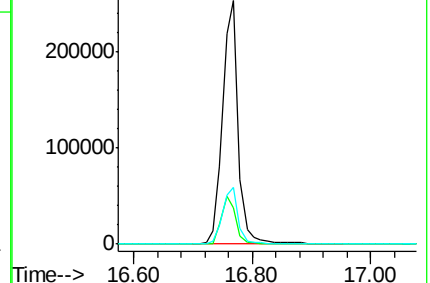
279 23.5 19.1 28.7

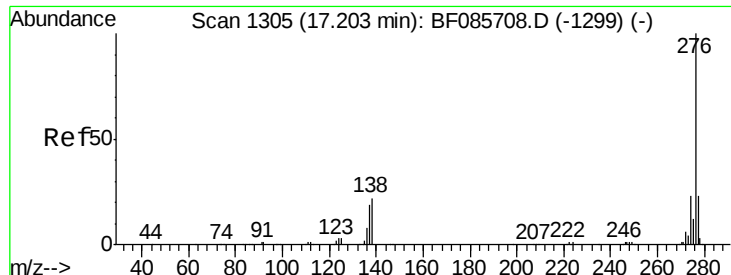


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.31 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

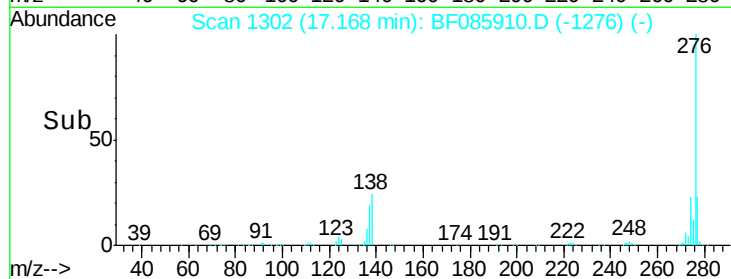
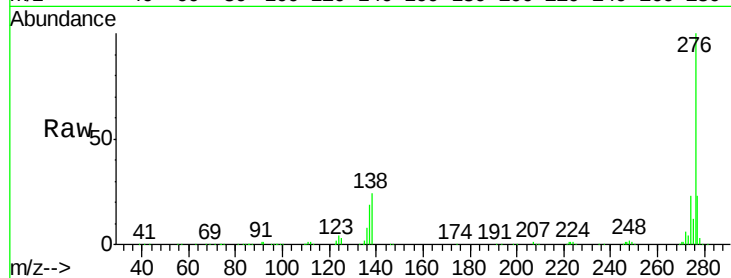
Tgt Ion:276 Resp: 406362

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 24.4 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

