

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085882.D
 Acq On : 30 Mar 2016 13:19
 Operator : UM/SJ
 Sample : PB89268BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Quant Time: Mar 30 23:44:00 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	97894	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	402524	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	194329	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	357605	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260420	20.00	ng	-0.01
86) Perylene-d12	15.37	264	224640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	784558	133.47	ng	0.01
7) Phenol-d6	6.45	99	1002716	134.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	618103	86.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	216515	117.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1103602	94.88	ng	0.00
78) Terphenyl-d14	12.91	244	930817	73.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	94239	33.58	ng	97
3) Pyridine	3.13	79	240270	35.71	ng	98
4) n-Nitrosodimethylamine	3.06	42	115228	42.77	ng	93
6) Aniline	6.46	93	279586	27.79	ng	# 30
8) 2-Chlorophenol	6.58	128	305242	44.69	ng	98
9) Benzaldehyde	6.34	77	155263	34.48	ng	97
10) Phenol	6.46	94	366319	43.26	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	281207	43.16	ng	99
12) 1,3-Dichlorobenzene	6.97	146	282755	38.45	ng	98
13) 1,4-Dichlorobenzene	6.81	146	307290	41.20	ng	98
14) 1,2-Dichlorobenzene	6.97	146	282979	40.71	ng	97
15) Benzyl Alcohol	6.95	79	232803	46.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	343410	39.72	ng	88
17) 2-Methylphenol	7.06	107	240395	43.97	ng	99
18) Hexachloroethane	7.30	117	110394	40.42	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	182298	40.74	ng	# 92
20) 3+4-Methylphenols	7.22	107	300452	45.70	ng	# 66
22) Acetophenone	7.21	105	380333	40.56	ng	# 95
24) Nitrobenzene	7.38	77	297579	40.39	ng	98
25) Isophorone	7.62	82	546289	39.67	ng	98
26) 2-Nitrophenol	7.70	139	160008	43.41	ng	96
27) 2,4-Dimethylphenol	7.75	122	286692	44.49	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	354281	45.16	ng	99
29) 2,4-Dichlorophenol	7.94	162	222174	41.02	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	238431	39.65	ng	98
31) Naphthalene	8.10	128	796830	39.29	ng	100
32) Benzoic acid	7.88	122	145600	34.03	ng	99
33) 4-Chloroaniline	8.16	127	145124	17.52	ng	98
34) Hexachlorobutadiene	8.22	225	123851	37.89	ng	98
35) Caprolactam	8.53	113	75648	39.43	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	267433	42.27	ng	98
37) 2-Methylnaphthalene	8.80	142	569775	49.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	217241	37.70	ng	99
40) Hexachlorocyclopentadiene	8.95	237	164033	69.64	ng	99

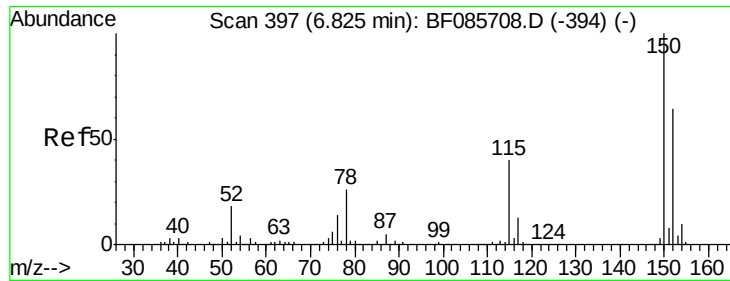
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	155023	39.83	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	157232	38.52	ng	# 82
45) 1,1'-Biphenyl	9.26	154	614048	37.45	ng	99
46) 2-Chloronaphthalene	9.29	162	489820	40.62	ng	98
47) 2-Nitroaniline	9.38	65	142161	38.56	ng	86
48) Acenaphthylene	9.70	152	815157	41.49	ng	99
49) Dimethylphthalate	9.57	163	550512	37.34	ng	100
50) 2,6-Dinitrotoluene	9.64	165	130781	41.21	ng	# 66
51) Acenaphthene	9.88	154	477168	39.76	ng	99
52) 3-Nitroaniline	9.80	138	81409	22.41	ng	90
53) 2,4-Dinitrophenol	9.91	184	105943	67.13	ng	94
54) Dibenzofuran	10.05	168	691652	44.53	ng	98
55) 4-Nitrophenol	9.98	139	199723	84.40	ng	87
56) 2,4-Dinitrotoluene	10.04	165	154037	38.19	ng	# 54
57) Fluorene	10.39	166	552212	42.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121886	42.96	ng	96
59) Diethylphthalate	10.26	149	558796	38.36	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	243514	38.57	ng	98
61) 4-Nitroaniline	10.41	138	128529	36.99	ng	88
62) Azobenzene	10.54	77	628220	44.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	85954	41.04	ng	83
65) n-Nitrosodiphenylamine	10.50	169	492720	43.50	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	154768	42.30	ng	97
67) Hexachlorobenzene	10.94	284	165692	43.31	ng	98
68) Atrazine	11.03	200	151646	39.66	ng	98
69) Pentachlorophenol	11.13	266	149994	79.85	ng	99
70) Phenanthrene	11.35	178	830112	45.21	ng	100
71) Anthracene	11.40	178	769069	39.90	ng	99
72) Carbazole	11.56	167	699852	43.24	ng	99
73) Di-n-butylphthalate	11.89	149	926828	41.73	ng	100
74) Fluoranthene	12.54	202	821486	42.09	ng	88
76) Benzidine	12.65	184	299940	32.70	ng	98
77) Pyrene	12.77	202	827686	38.67	ng	100
79) Butylbenzylphthalate	13.39	149	397484	44.34	ng	99
80) Benzo(a)anthracene	13.95	228	661849	44.57	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	107946	10.47	ng	98
82) Chrysene	13.99	228	662593	44.30	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	466352	43.45	ng	99
84) Di-n-octyl phthalate	14.55	149	789325	49.45	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	515373	44.62	ng	99
87) Benzo(b)fluoranthene	14.97	252	1116205	78.87	ng	97
88) Benzo(k)fluoranthene	14.97	252	1116205	87.49	ng	99
89) Benzo(a)pyrene	15.32	252	533562	42.46	ng	98
90) Dibenzo(a,h)anthracene	16.76	278	429029	36.75	ng	97
91) Benzo(g,h,i)perylene	17.17	276	430084	36.38	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

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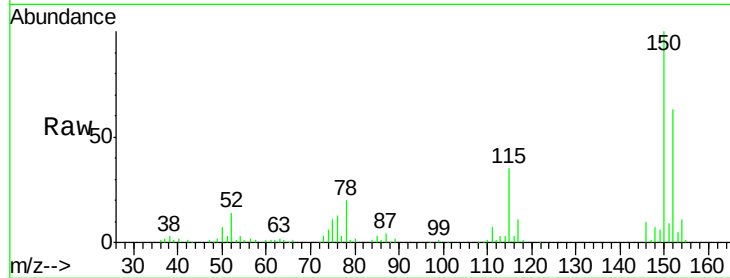
Tgt Ion:152 Resp: 97894

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

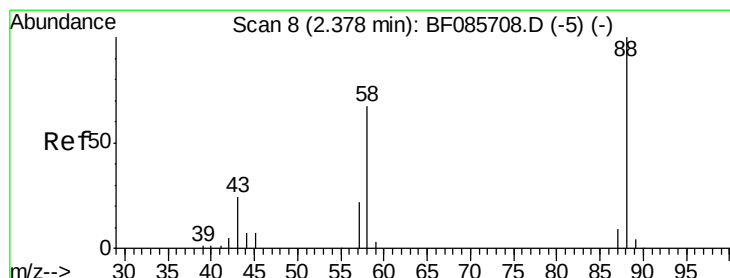
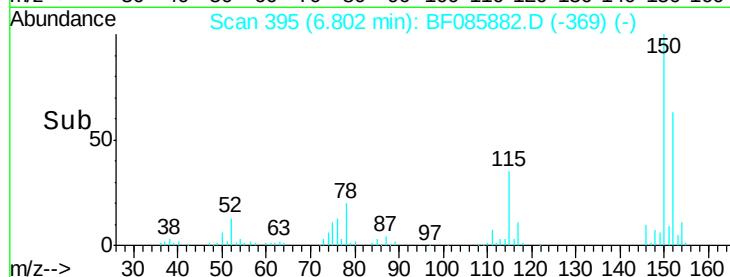
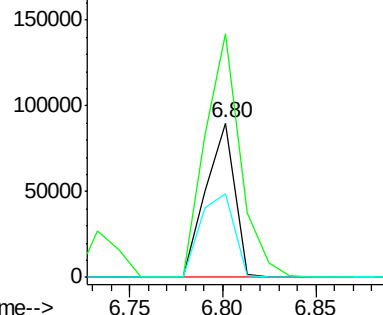
115 54.5 47.0 70.6



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: 33.58 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

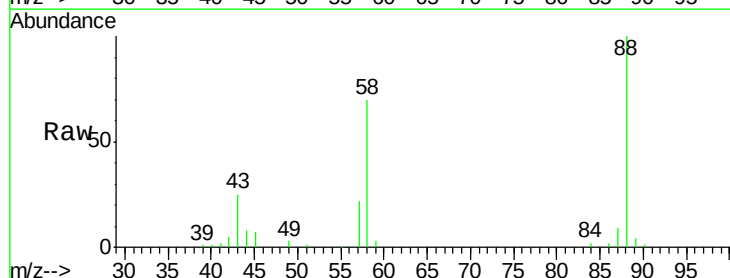
Tgt Ion: 88 Resp: 94239

Ion Ratio Lower Upper

88 100

58 70.7 54.2 81.2

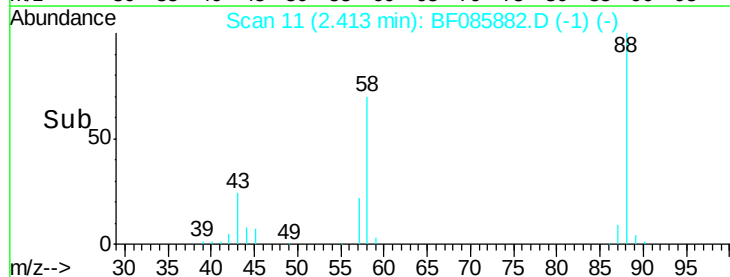
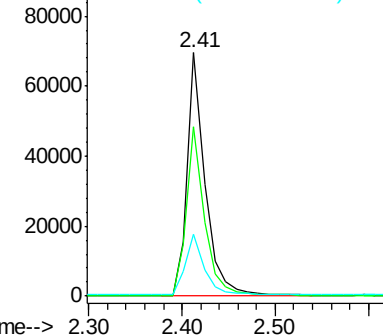
43 25.3 19.3 28.9

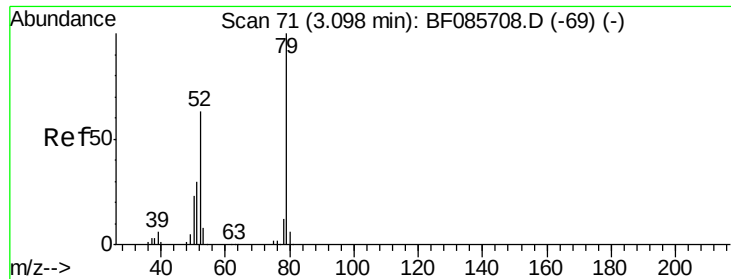


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.71 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

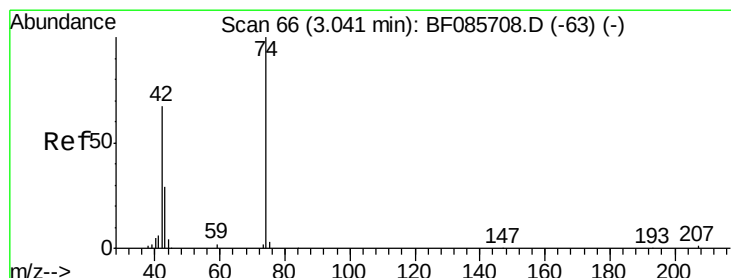
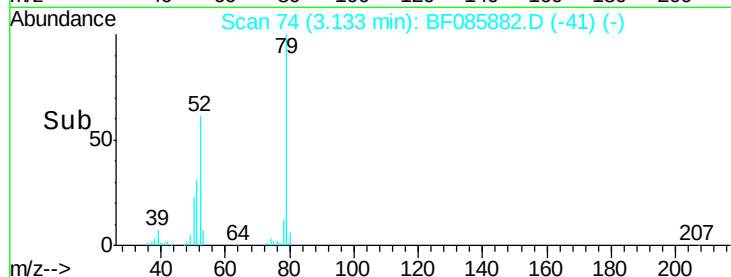
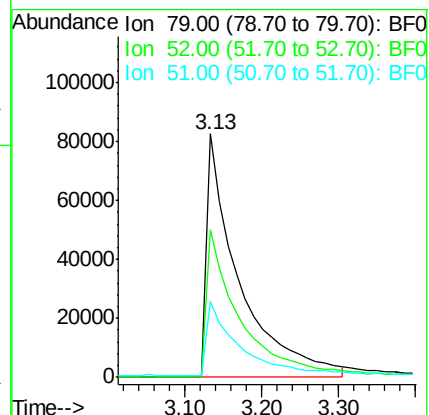
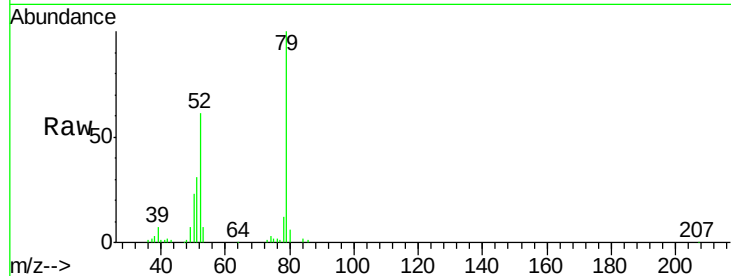
Tgt Ion: 79 Resp: 240270

Ion Ratio Lower Upper

79 100

52 60.6 49.8 74.6

51 31.4 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 42.77 ng

RT: 3.06 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

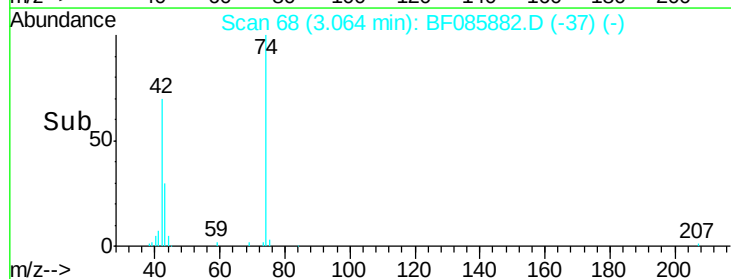
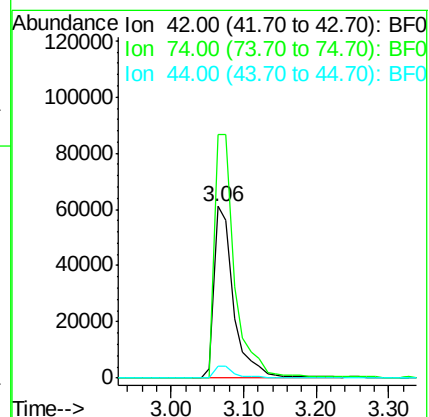
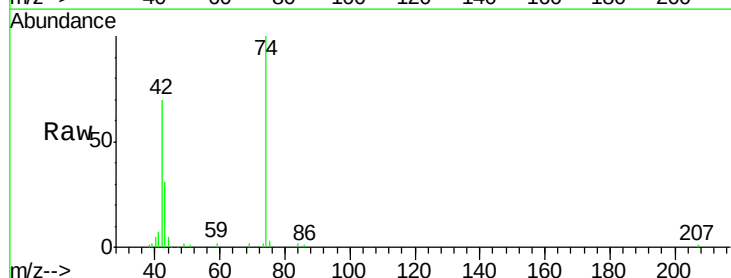
Tgt Ion: 42 Resp: 115228

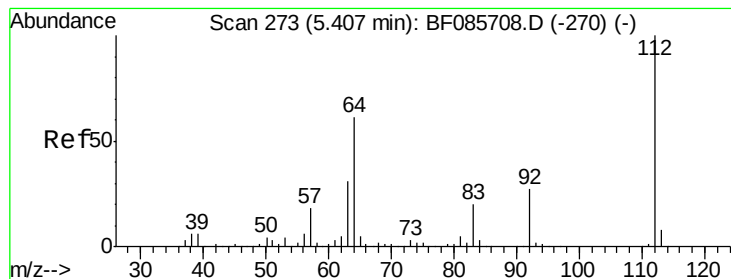
Ion Ratio Lower Upper

42 100

74 141.9 121.4 182.2

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 133.47 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

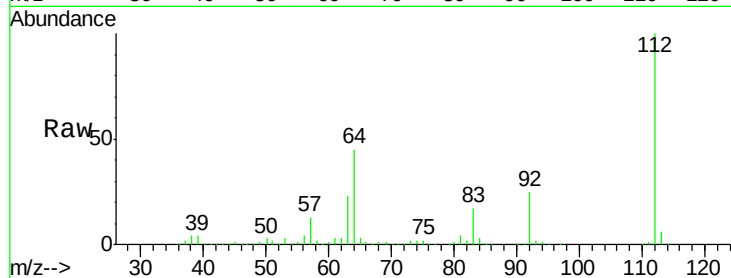
Instrument :

BNA_F

ClientSampleId :

PB89268BS

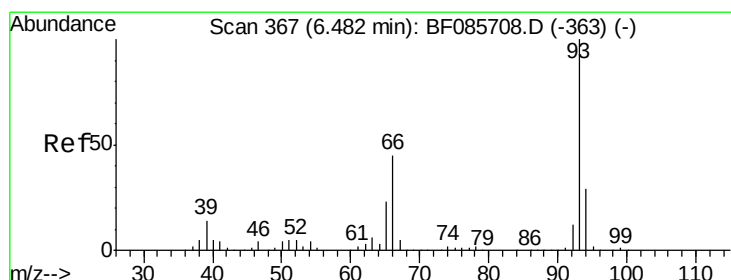
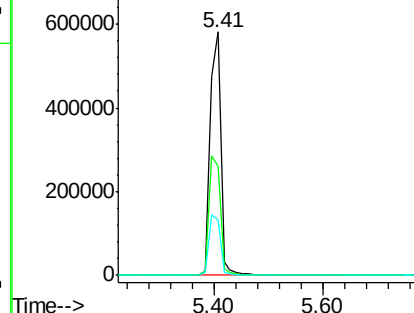
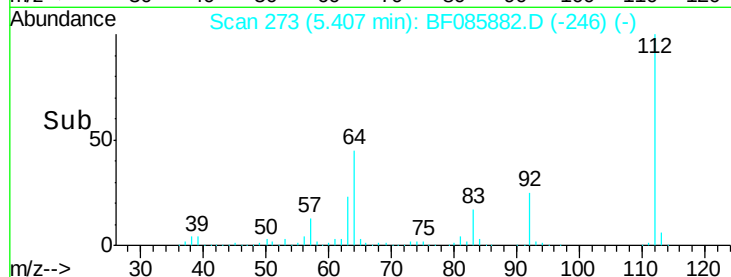
Tgt Ion:	112	Resp:	784558
Ion	Ratio	Lower	Upper
112	100		
64	45.1	39.9	59.9
63	22.9	20.2	30.2



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: 27.79 ng

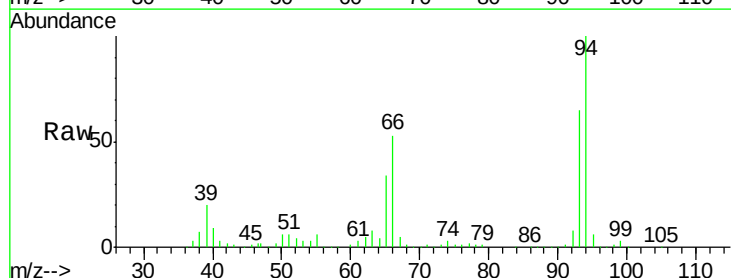
RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

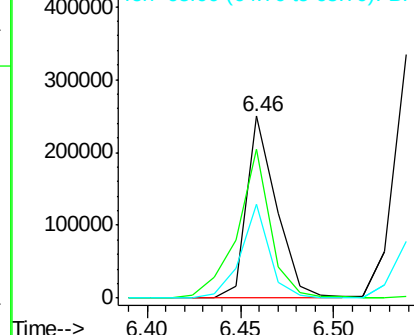
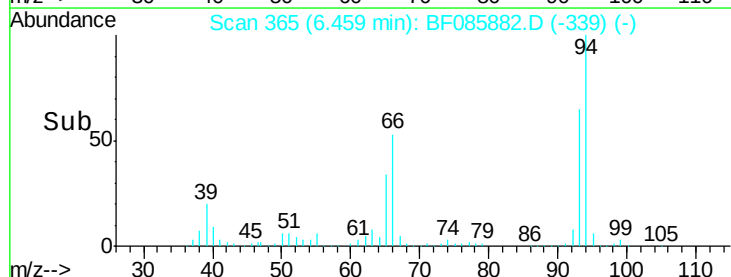
Tgt Ion:	93	Resp:	279586
Ion	Ratio	Lower	Upper
93	100		
66	81.9	31.4	47.2#
65	51.6	15.7	23.5#

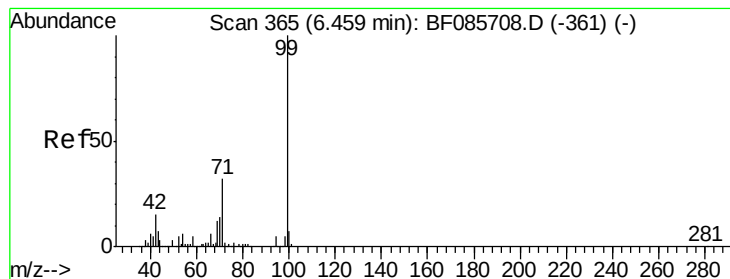


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

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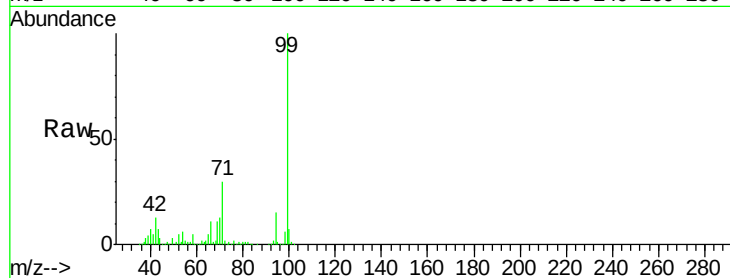
Tgt Ion: 99 Resp: 1002716

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

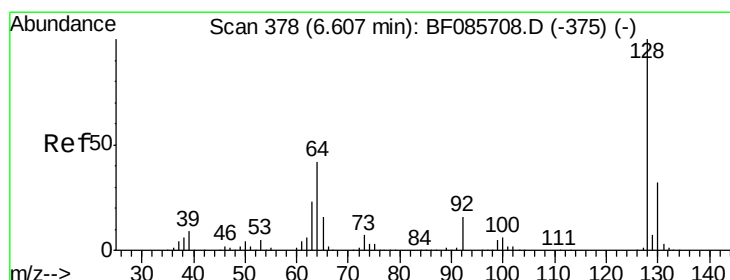
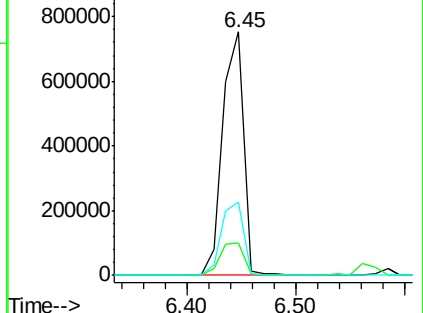
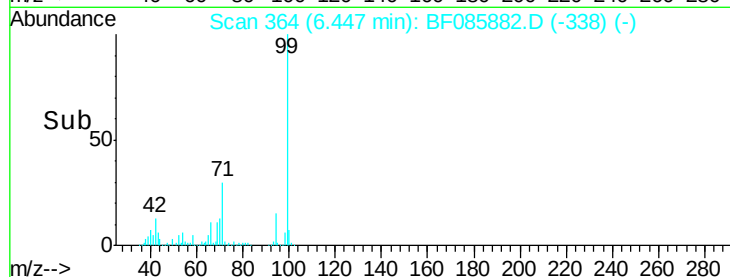
71 30.2 24.9 37.3



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: 44.69 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

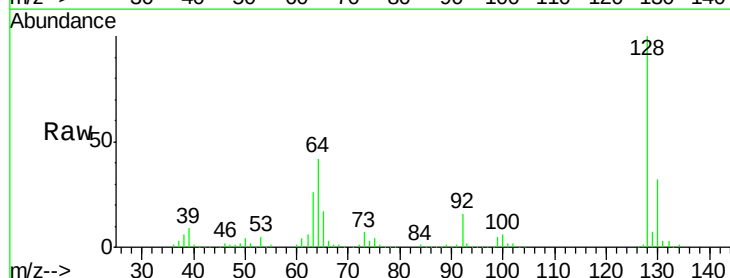
Tgt Ion: 128 Resp: 305242

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

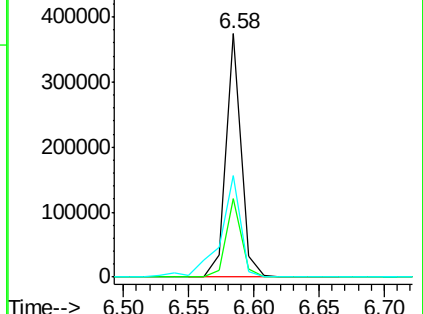
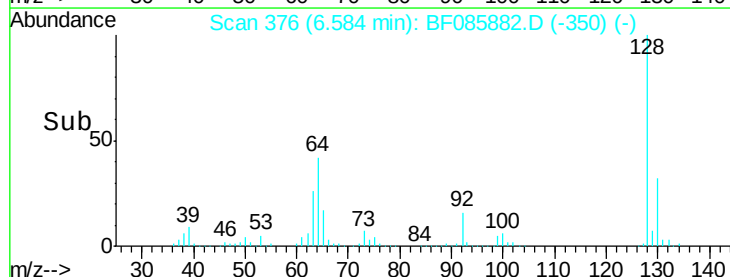
64 41.7 20.2 60.2

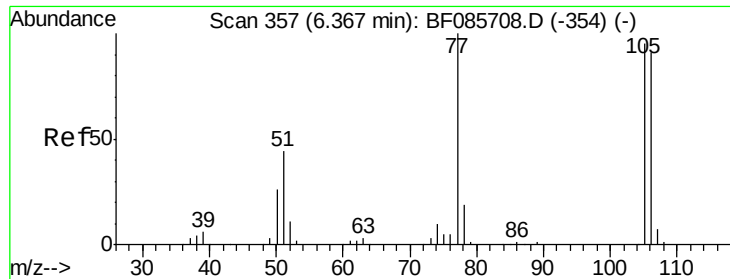


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.48 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

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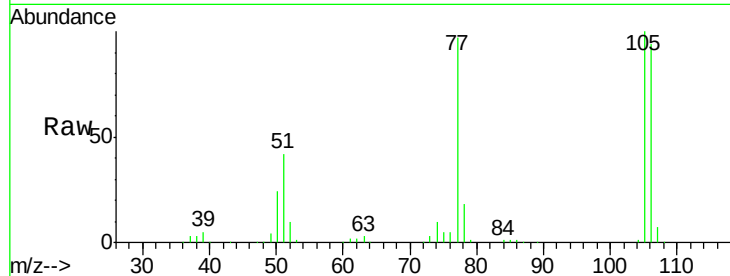
Tgt Ion: 77 Resp: 155263

Ion Ratio Lower Upper

77 100

105 103.5 80.1 120.1

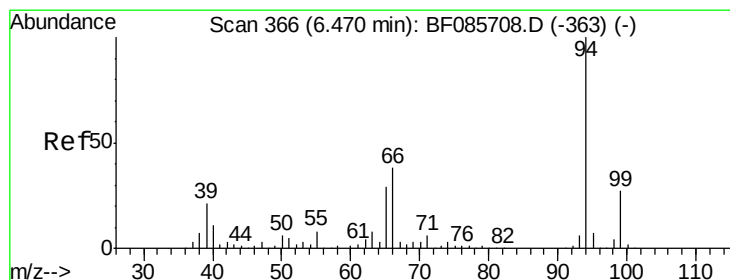
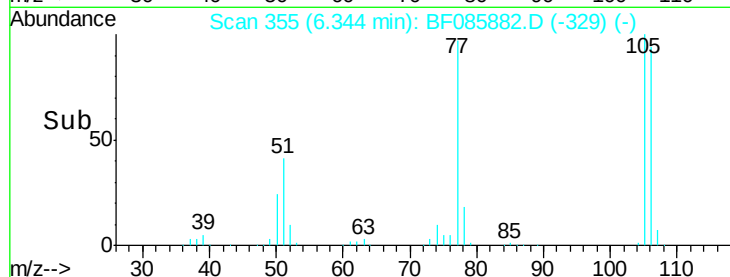
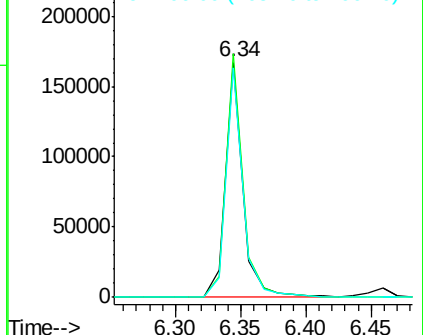
106 97.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

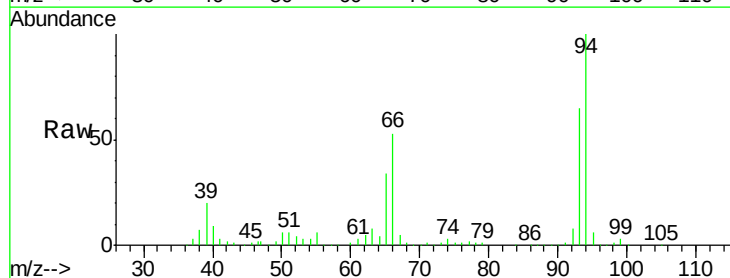
Tgt Ion: 94 Resp: 366319

Ion Ratio Lower Upper

94 100

65 33.6 8.6 48.6

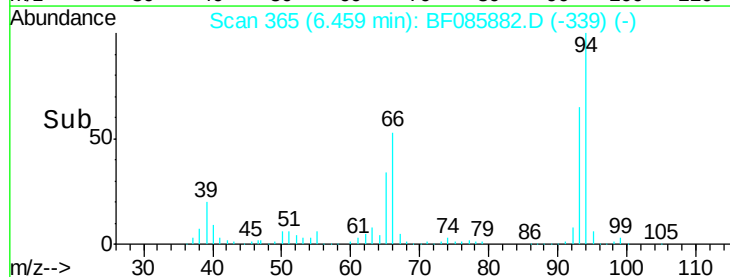
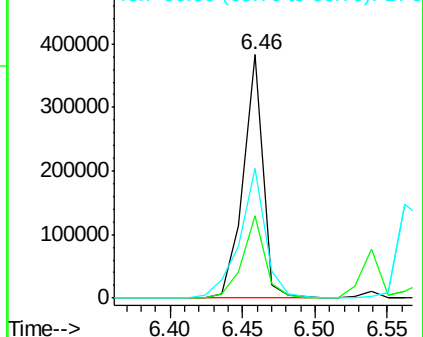
66 53.4 20.0 60.0

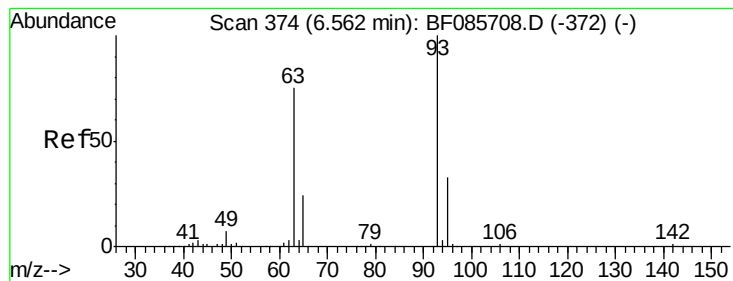


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

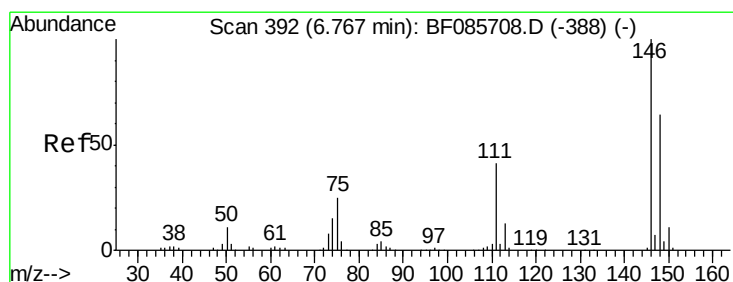
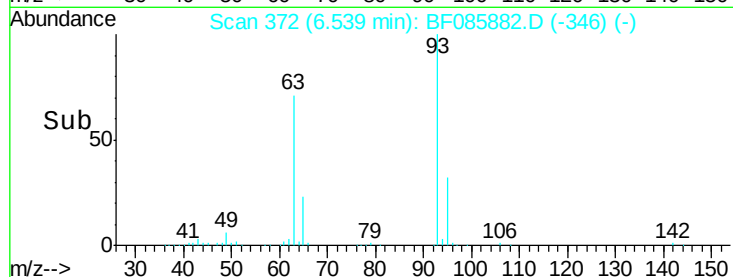
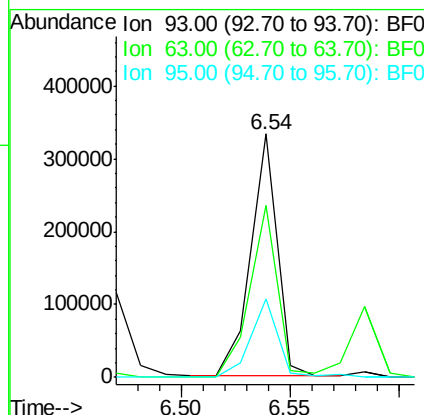
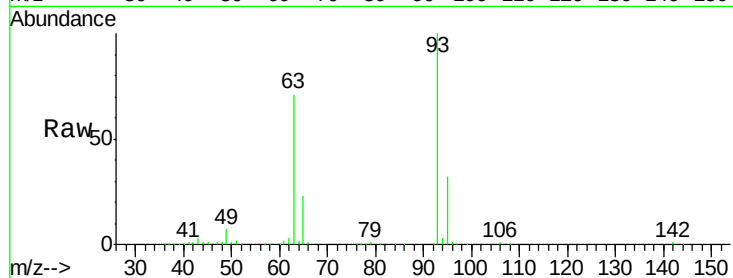




#11
 bis(2-Chloroethyl)ether
 Concen: 43.16 ng
 RT: 6.54 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

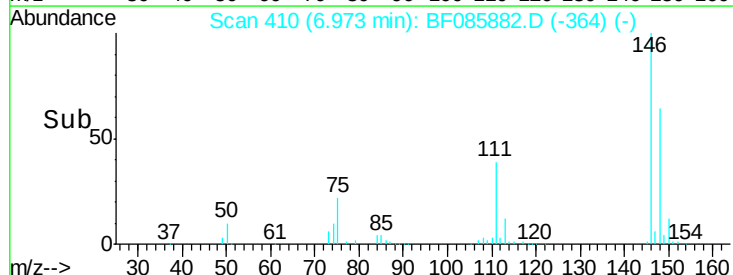
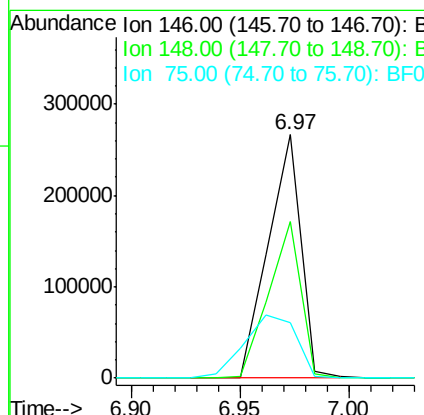
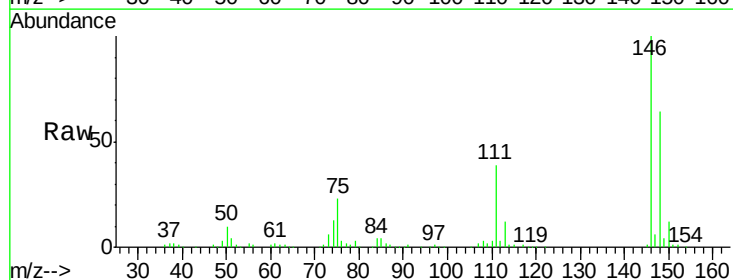
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

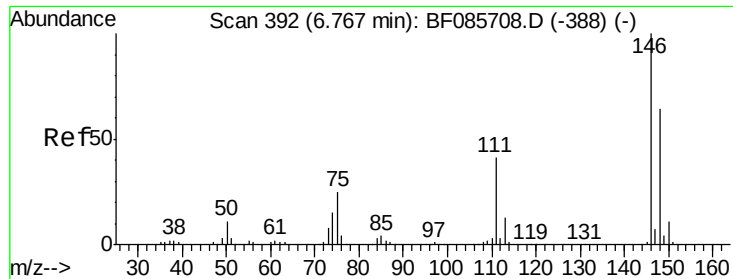
Tgt Ion: 93 Resp: 281207
 Ion Ratio Lower Upper
 93 100
 63 70.9 50.9 90.9
 95 32.5 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 38.45 ng
 RT: 6.97 min Scan# 410
 Delta R.T. 0.23 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion: 146 Resp: 282755
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 75 22.9 17.4 26.2

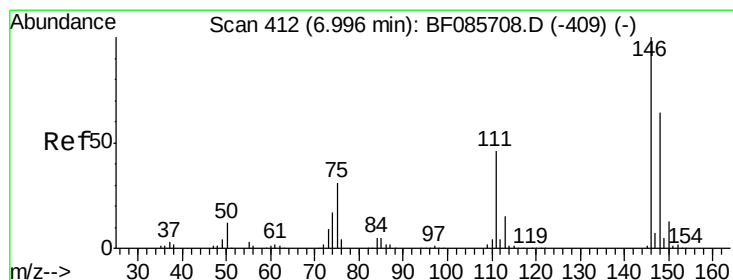
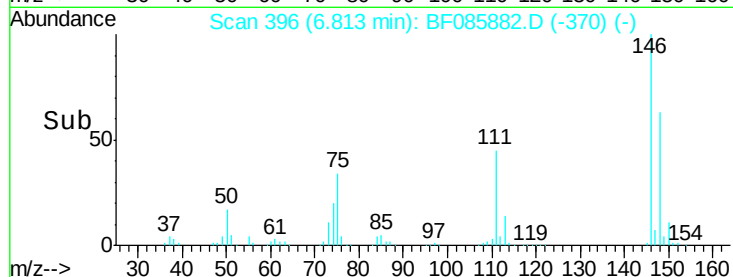
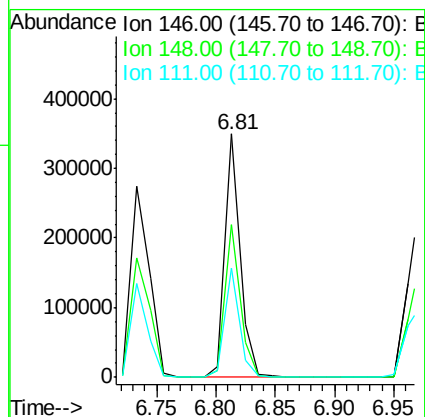
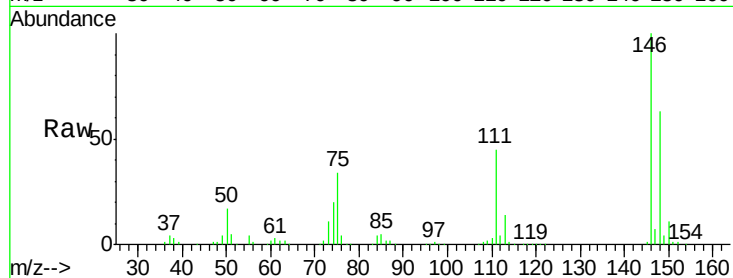




#13
 1,4-Dichlorobenzene
 Concen: 41.20 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

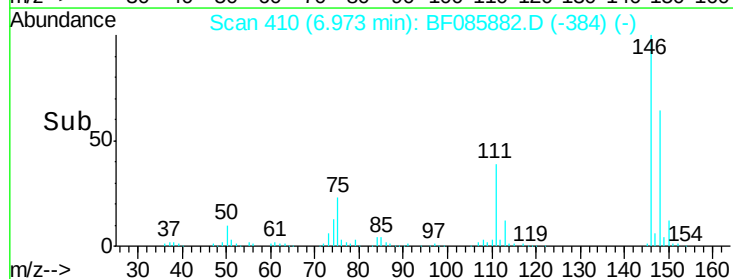
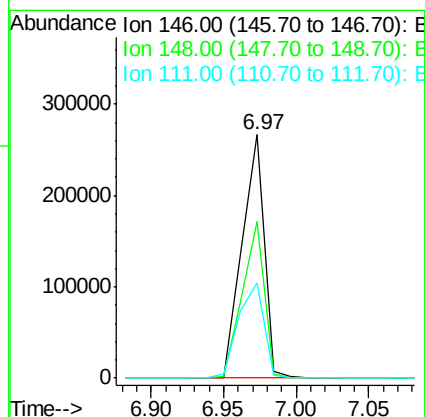
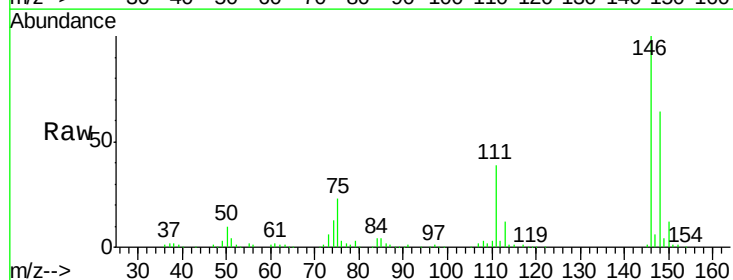
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

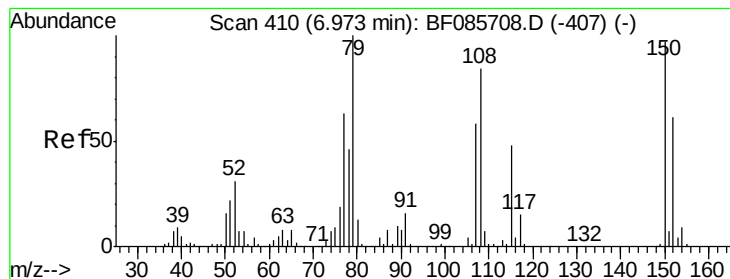
Tgt Ion:146 Resp: 307290
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 76.0
 111 45.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.71 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:146 Resp: 282979
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 39.1 34.6 52.0





#15

Benzyl Alcohol

Concen: 46.69 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

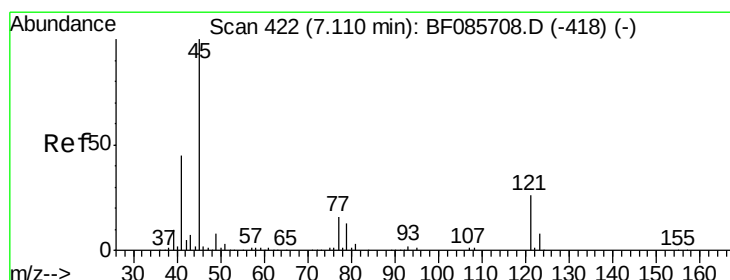
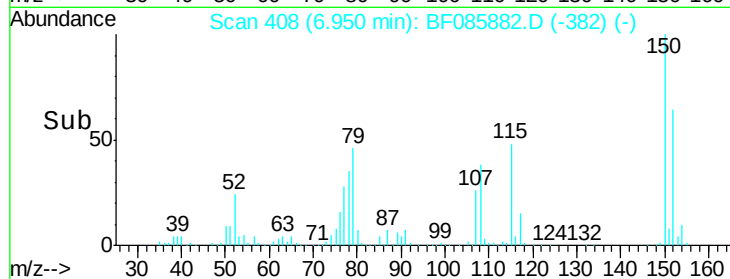
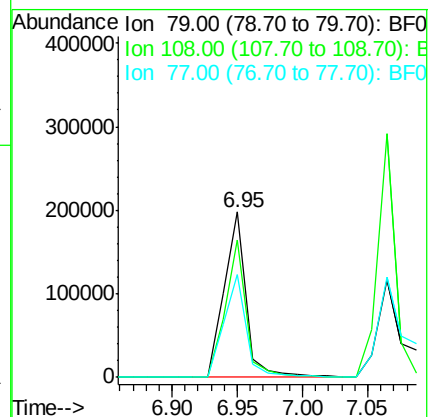
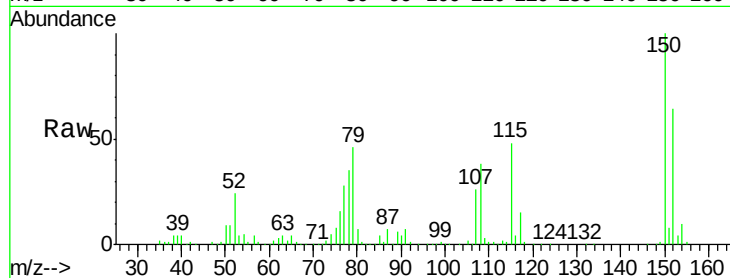
Tgt Ion: 79 Resp: 232803

Ion Ratio Lower Upper

79 100

108 83.5 61.8 92.6

77 62.0 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.72 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

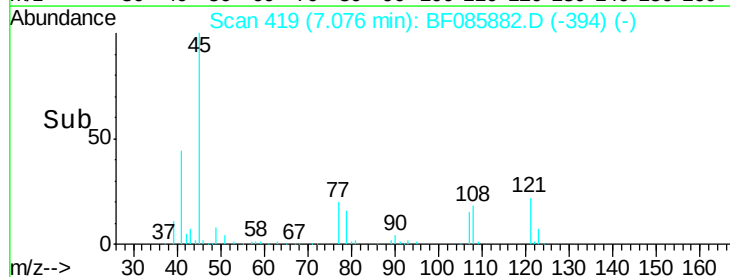
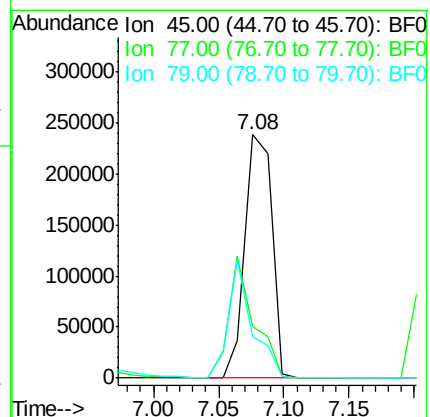
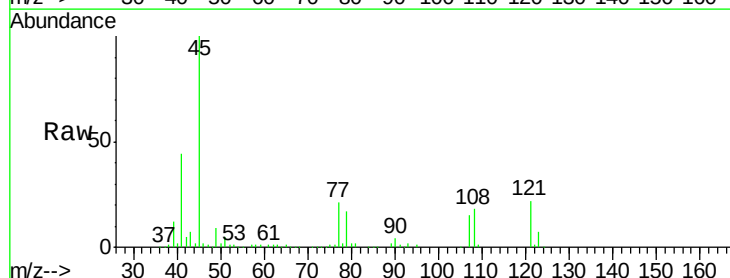
Tgt Ion: 45 Resp: 343410

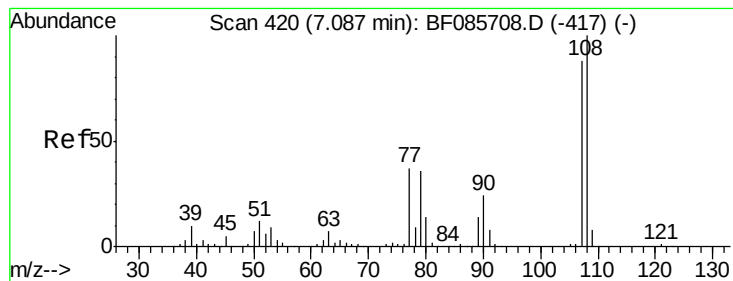
Ion Ratio Lower Upper

45 100

77 21.0 0.0 35.7

79 16.8 0.0 32.2





#17

2-Methylphenol

Concen: 43.97 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

Tgt Ion:107 Resp: 240395

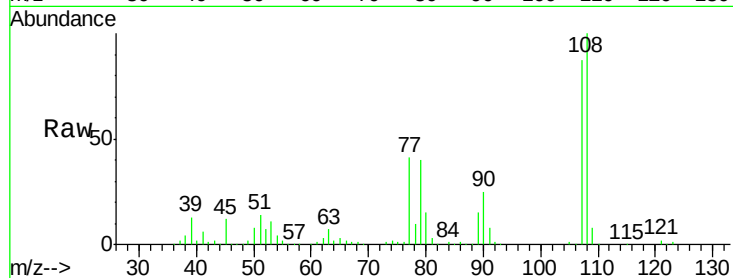
Ion Ratio Lower Upper

107 100

108 114.8 91.4 137.0

77 47.0 36.2 54.2

79 45.8 35.8 53.8

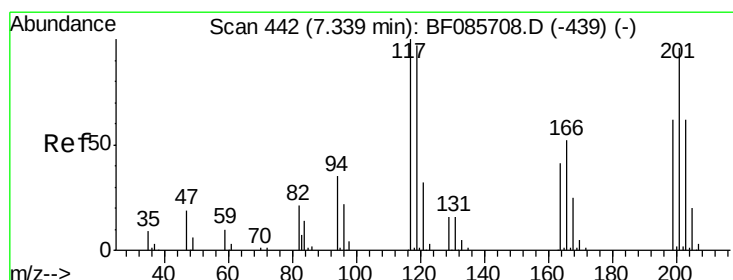
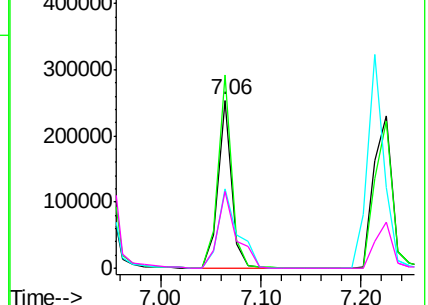
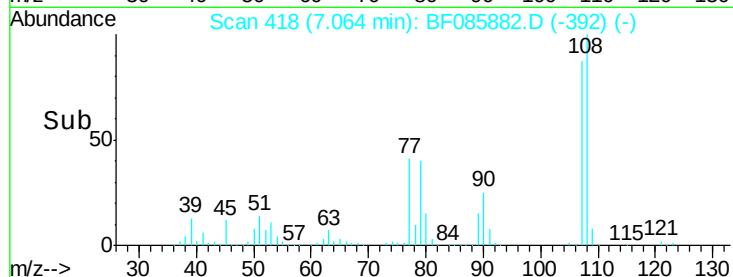


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.42 ng

RT: 7.30 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

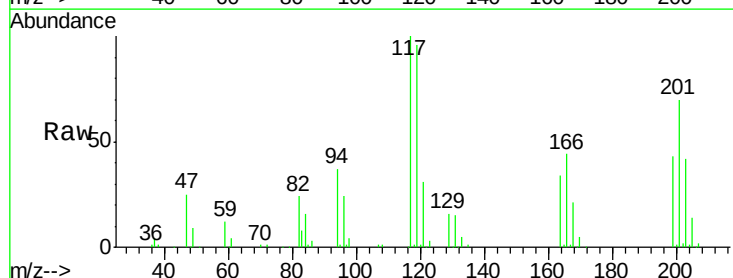
Tgt Ion:117 Resp: 110394

Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1

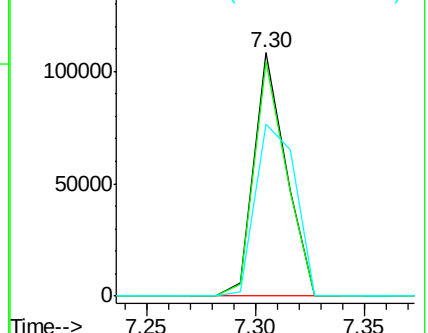
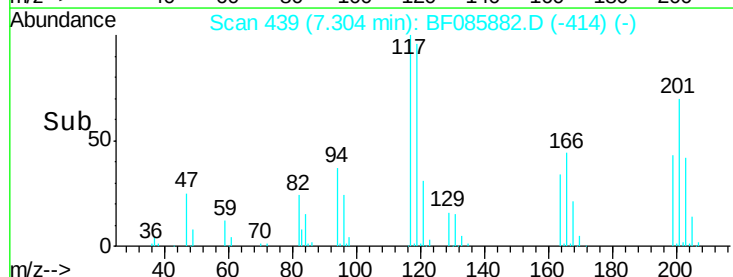
201 70.4 83.3 124.9#

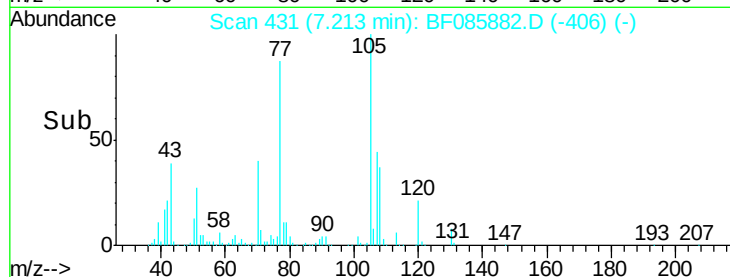
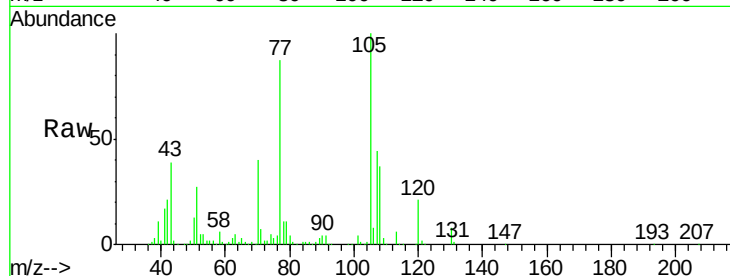
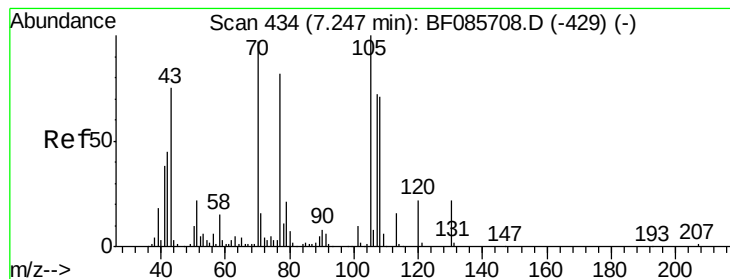


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.74 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

Tgt Ion: 70 Resp: 182298

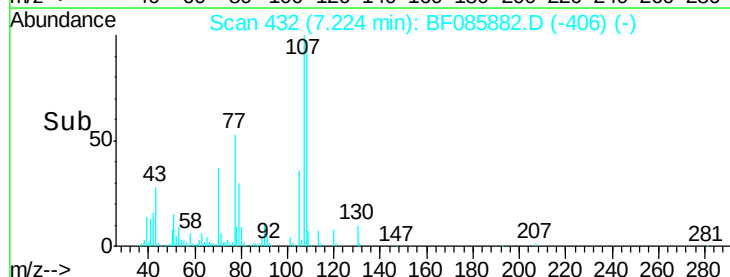
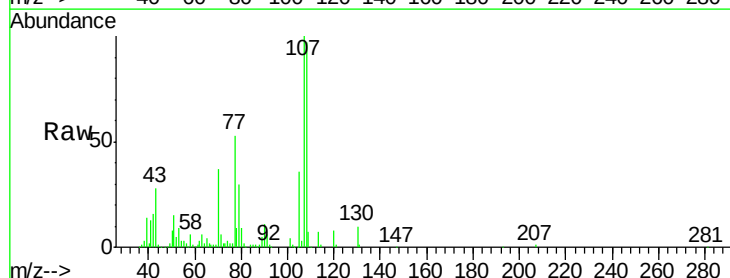
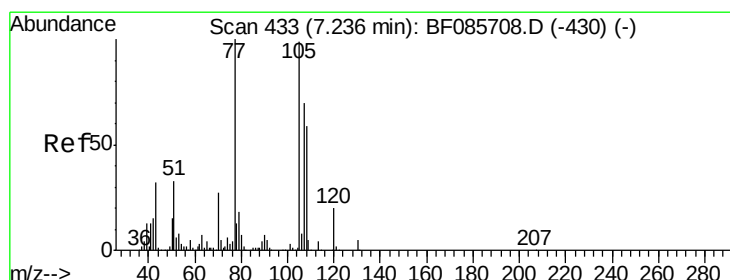
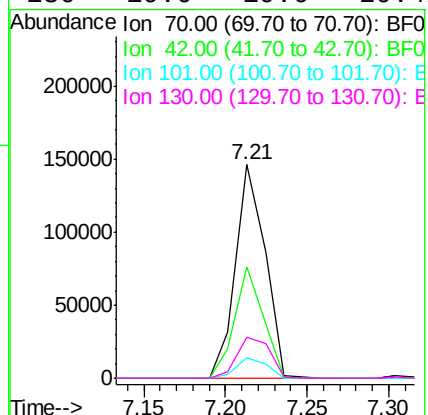
Ion Ratio Lower Upper

70 100

42 51.9 37.1 55.7

101 9.4 8.6 12.8

130 19.0 19.6 29.4#



#20

3+4-Methylphenols

Concen: 45.70 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion: 107 Resp: 300452

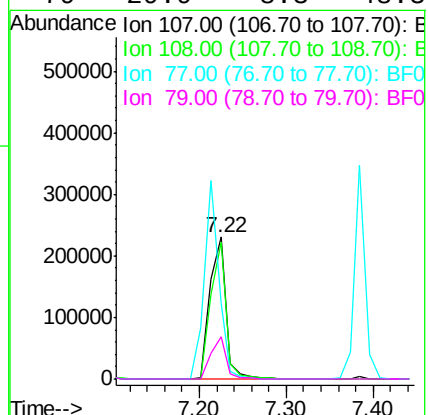
Ion Ratio Lower Upper

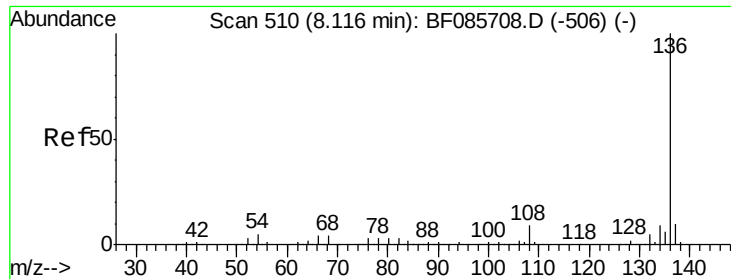
107 100

108 96.6 69.3 109.3

77 53.0 101.7 141.7#

79 29.9 8.3 48.3

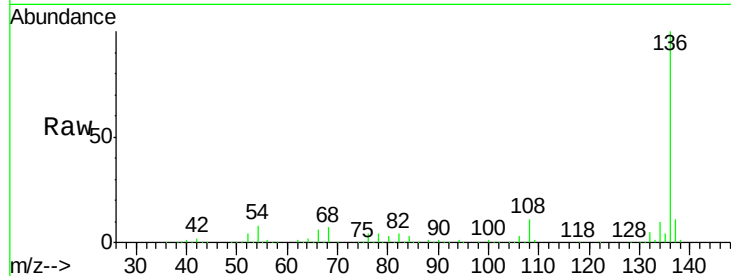




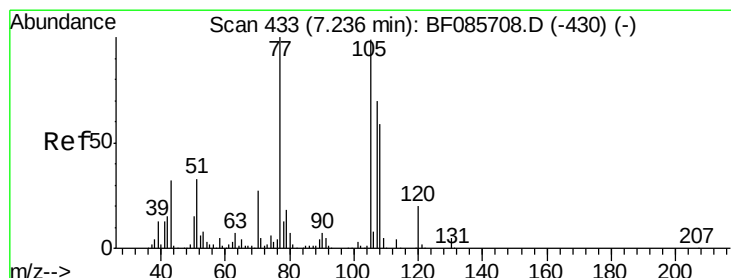
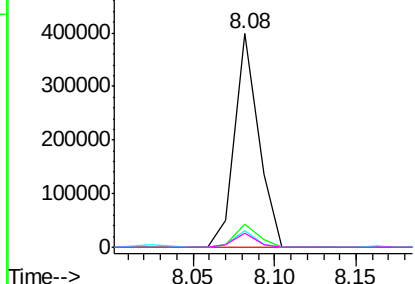
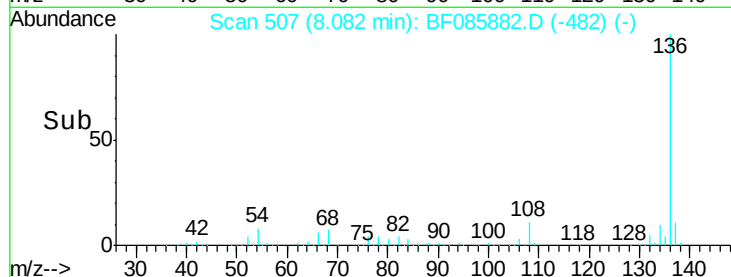
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion:	136	Resp:	402524
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.8	7.4	11.0
68	6.6	5.8	8.8

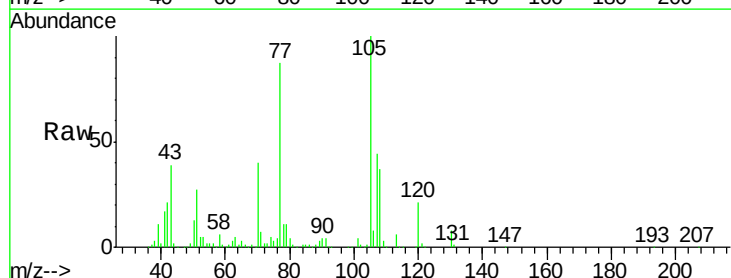


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

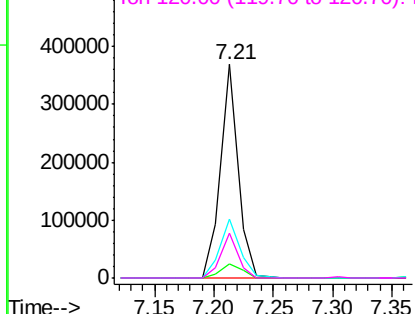
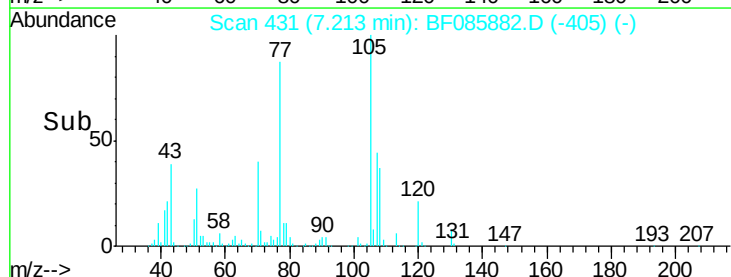


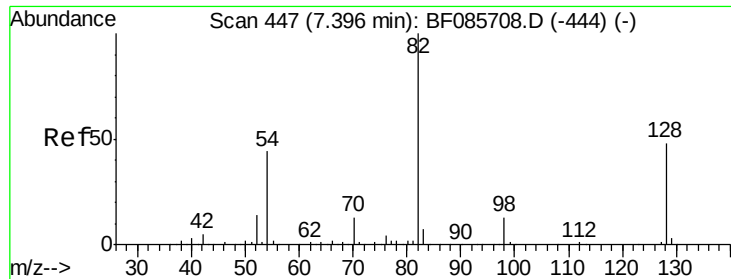
#22
Acetophenone
Concen: 40.56 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion:	105	Resp:	380333
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.6	5.4#
51	27.3	25.4	38.0
120	21.0	16.9	25.3



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

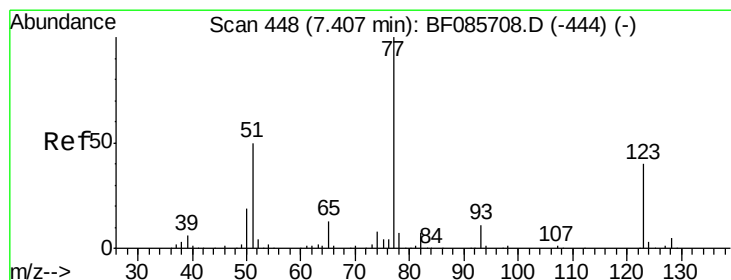
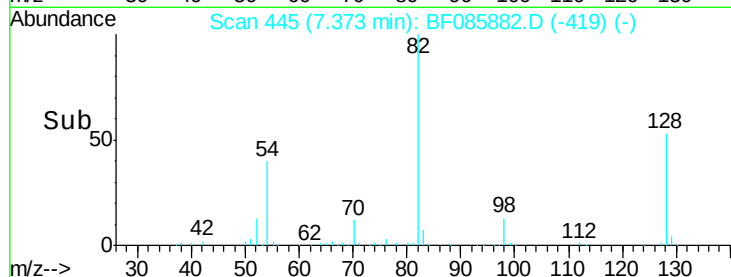
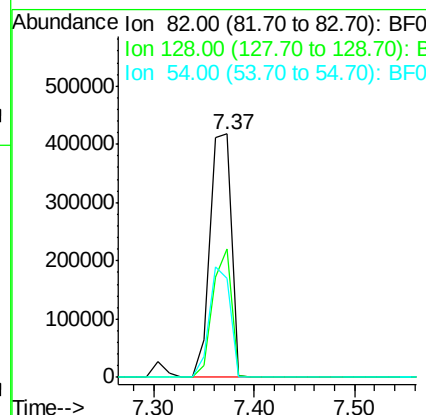
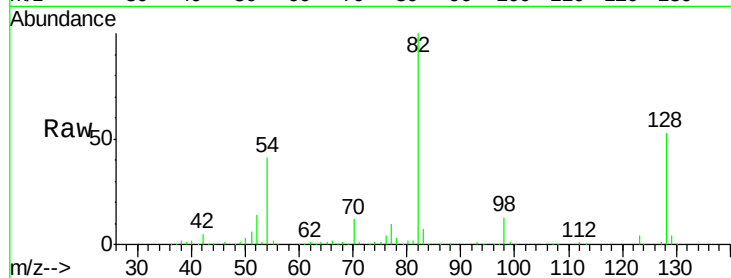




#23
 Nitrobenzene-d5
 Concen: 86.47 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

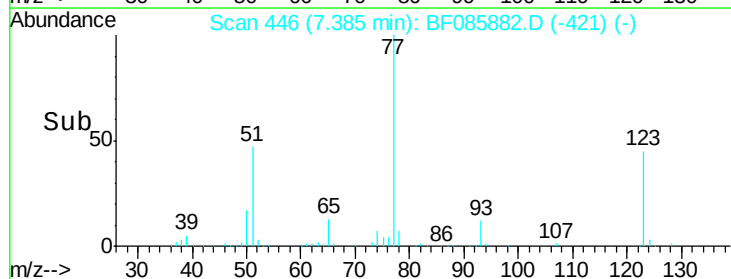
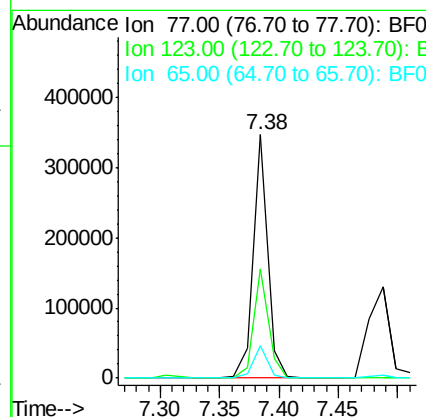
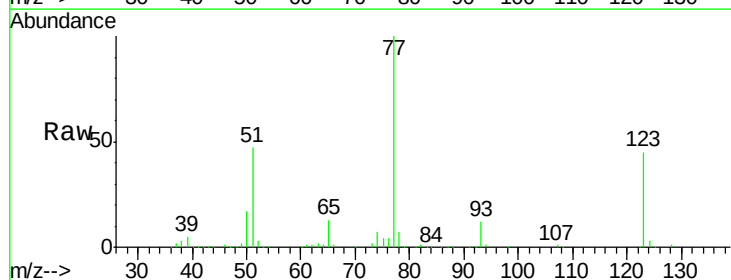
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

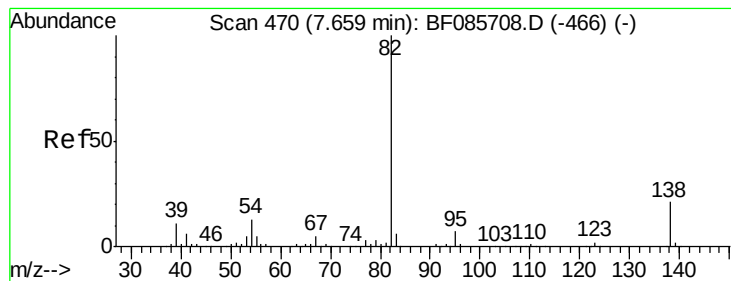
Tgt Ion: 82 Resp: 618103
 Ion Ratio Lower Upper
 82 100
 128 52.8 41.8 62.8
 54 40.6 33.4 50.0



#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion: 77 Resp: 297579
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.0 52.4
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 39.67 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

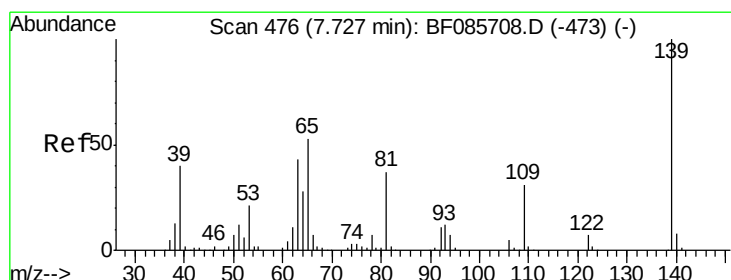
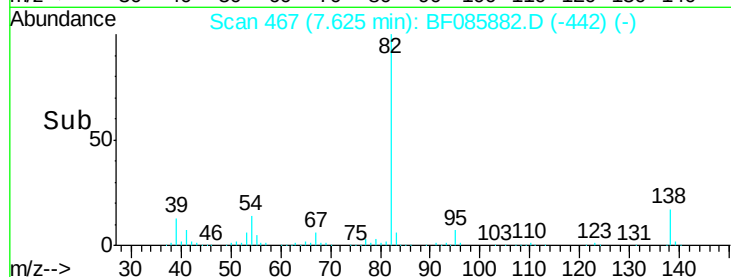
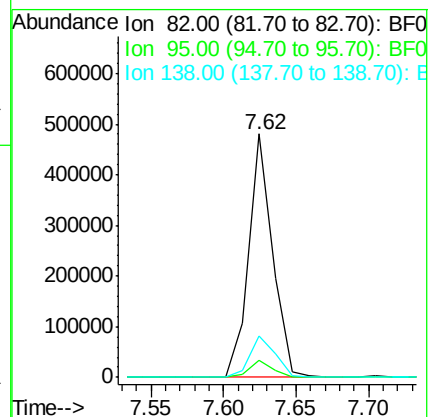
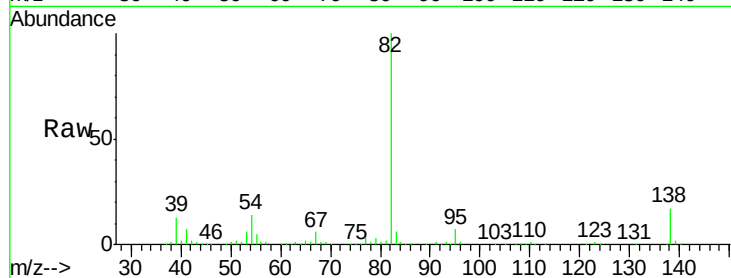
Tgt Ion: 82 Resp: 546289

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.0 12.9 19.3



#26

2-Nitrophenol

Concen: 43.41 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

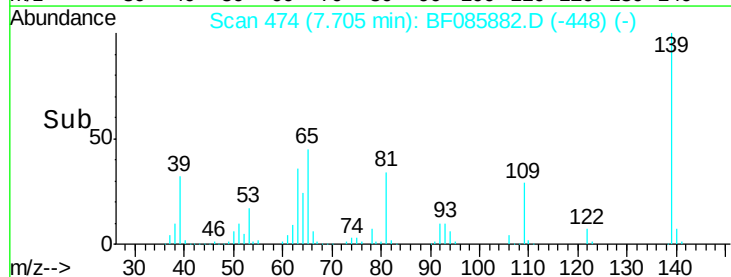
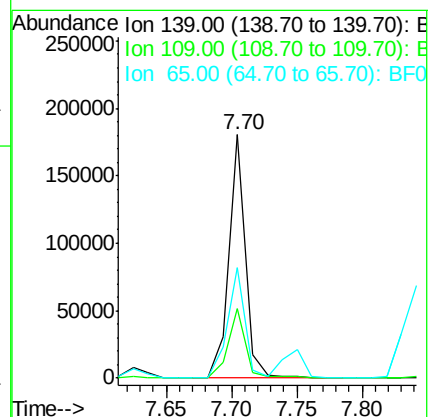
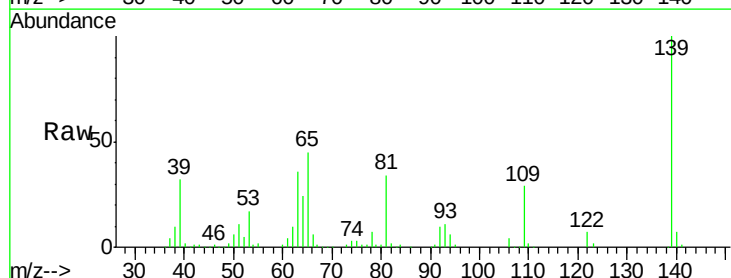
Tgt Ion: 139 Resp: 160008

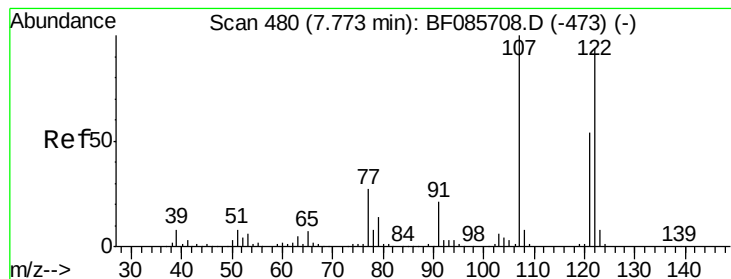
Ion Ratio Lower Upper

139 100

109 28.7 22.1 33.1

65 45.4 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 44.49 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

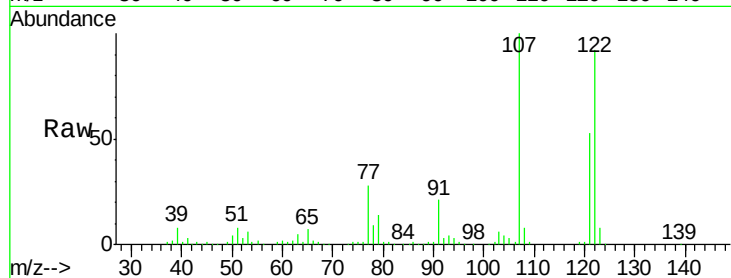
Tgt Ion:122 Resp: 286692

Ion Ratio Lower Upper

122 100

107 108.8 93.0 139.6

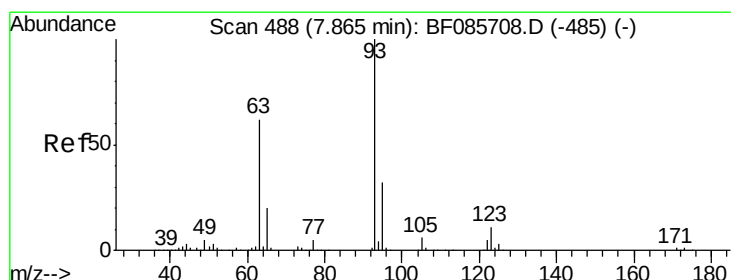
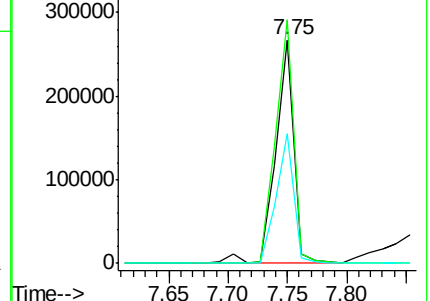
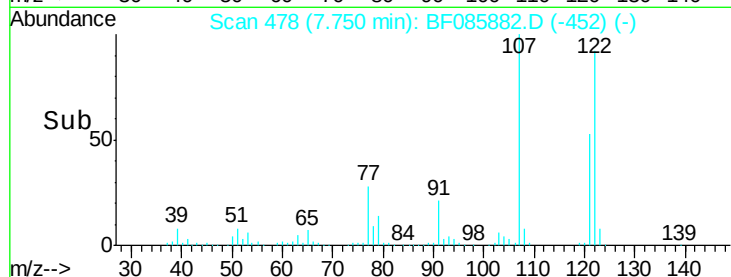
121 57.9 45.9 68.9



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: 45.16 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

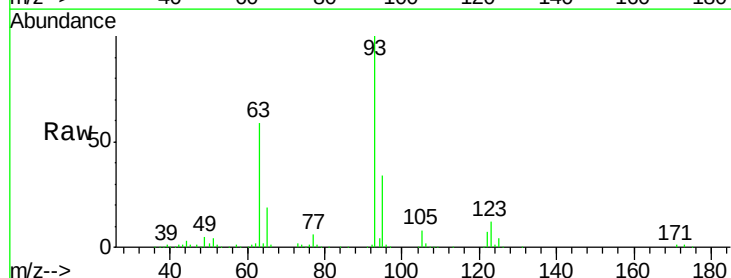
Tgt Ion: 93 Resp: 354281

Ion Ratio Lower Upper

93 100

95 33.9 26.4 39.6

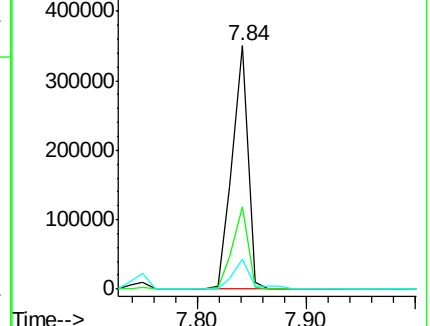
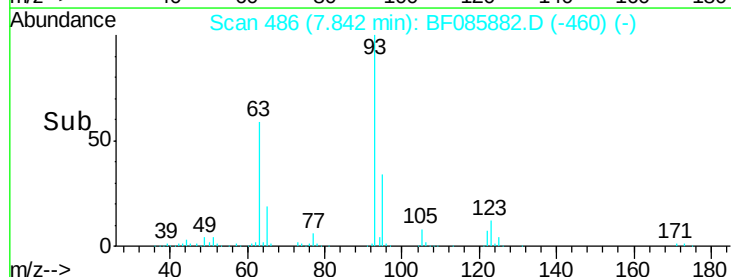
123 12.0 9.8 14.6

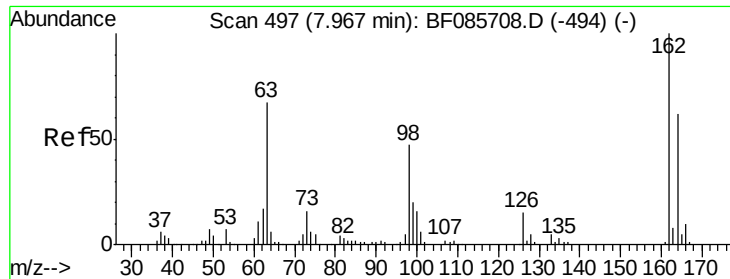


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

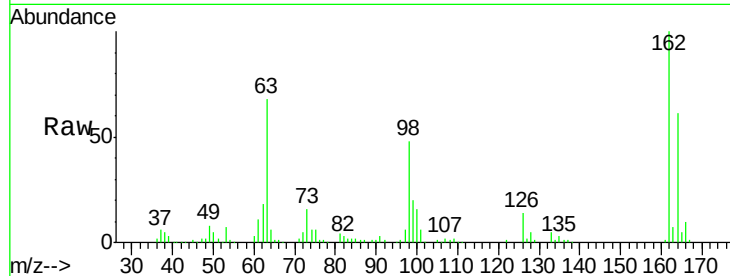




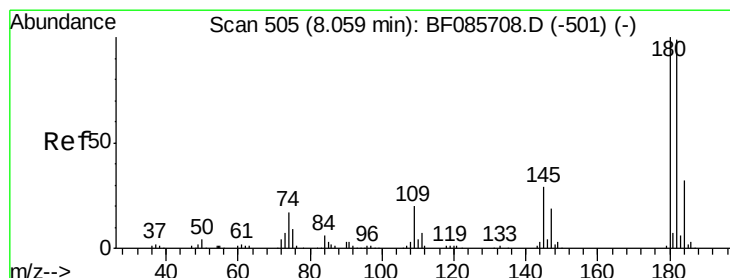
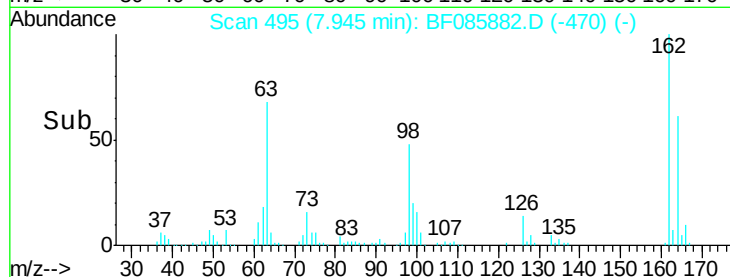
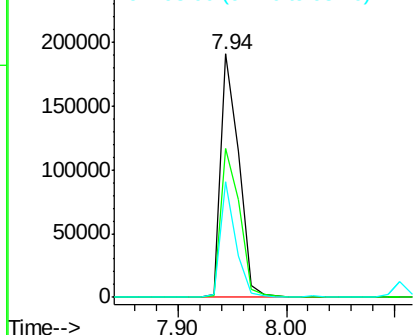
#29
 2,4-Dichlorophenol
 Concen: 41.02 ng
 RT: 7.94 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampled :
 PB89268BS

Tgt Ion:162 Resp: 222174
 Ion Ratio Lower Upper
 162 100
 164 61.0 43.7 83.7
 98 47.6 20.4 60.4

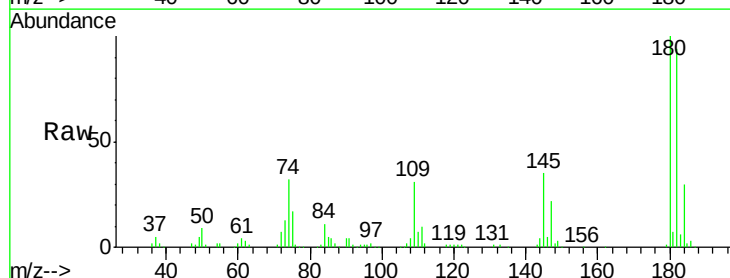


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

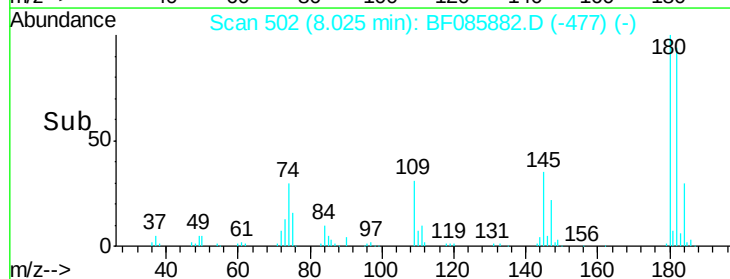
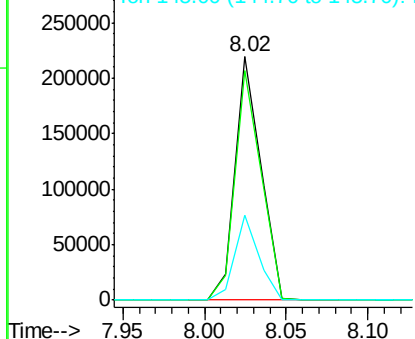


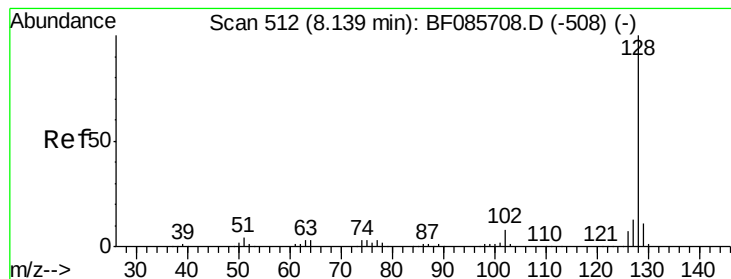
#30
 1,2,4-Trichlorobenzene
 Concen: 39.65 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:180 Resp: 238431
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.8 110.8
 145 35.0 28.4 42.6



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





#31

Naphthalene

Concen: 39.29 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

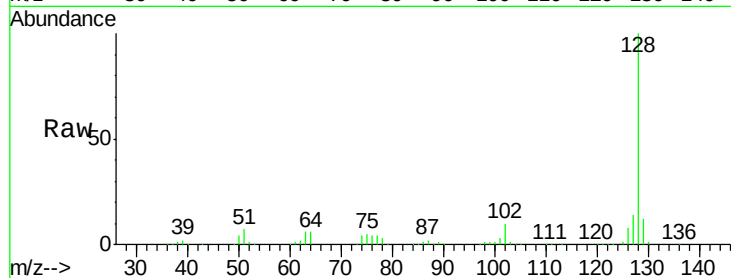
Tgt Ion:128 Resp: 796830

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

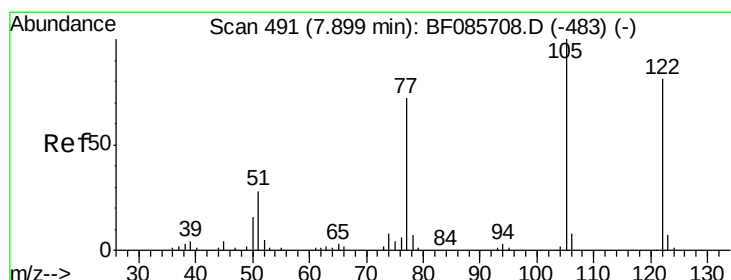
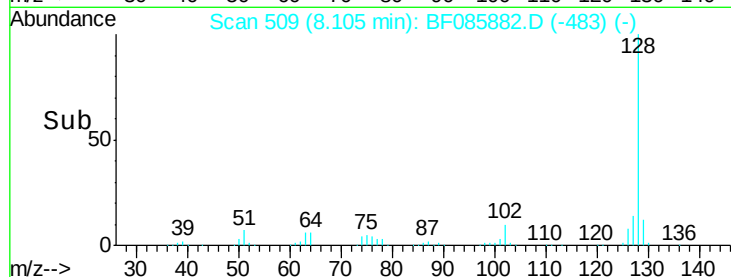
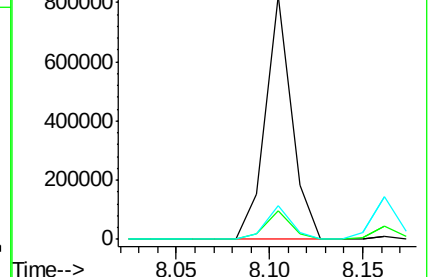
127 13.7 11.0 16.6



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: 34.03 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

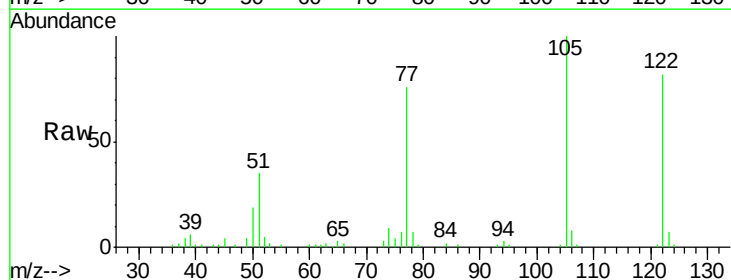
Tgt Ion:122 Resp: 145600

Ion Ratio Lower Upper

122 100

105 121.6 102.9 142.9

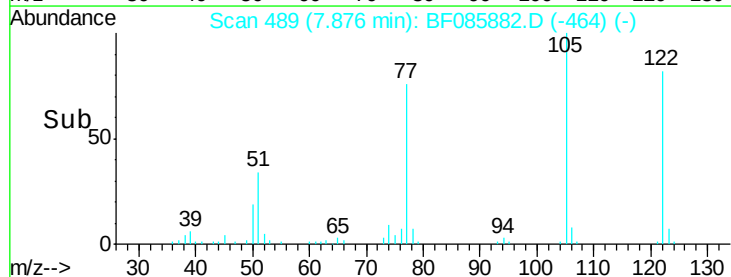
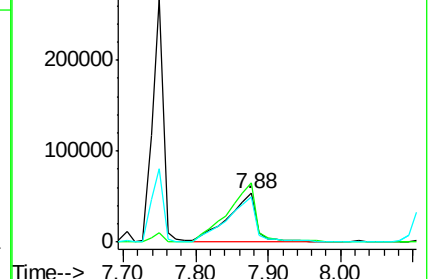
77 92.6 71.8 111.8

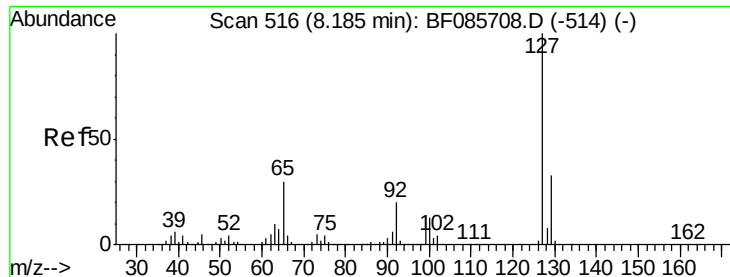


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

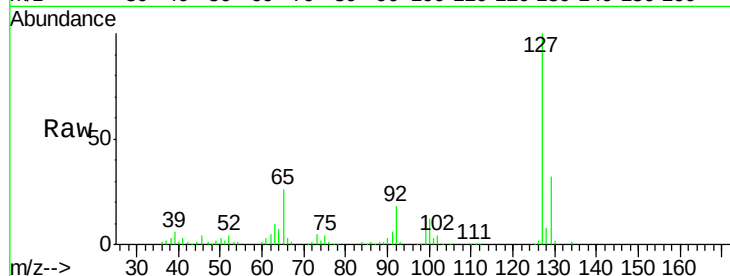




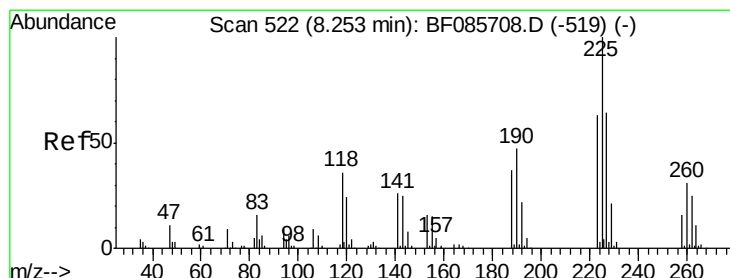
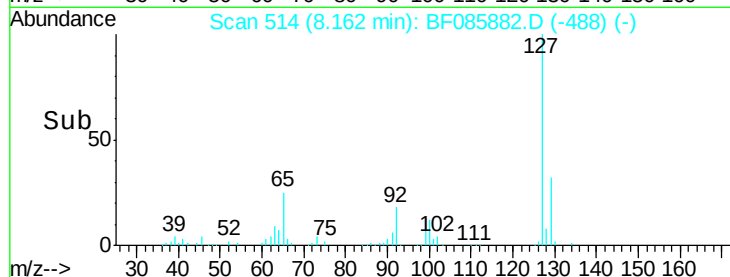
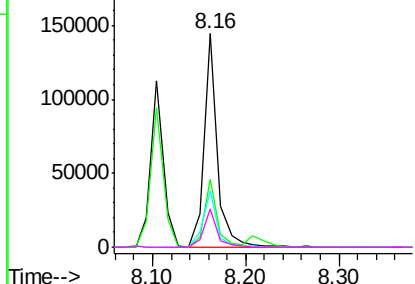
#33
4-Chloroaniline
Concen: 17.52 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion:	127	Resp:	145124
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	26.2	19.5	29.3
92	17.9	14.6	22.0

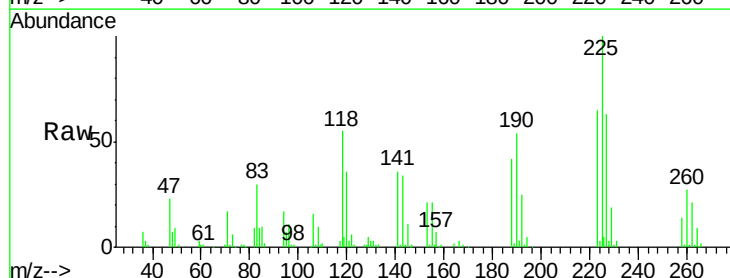


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

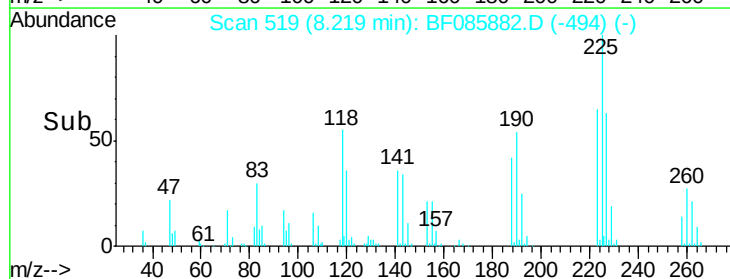
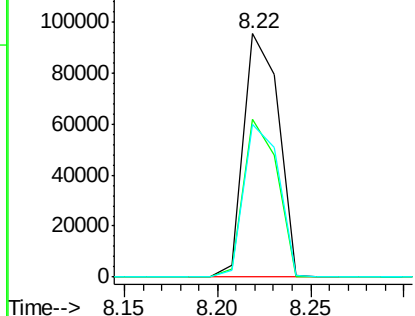


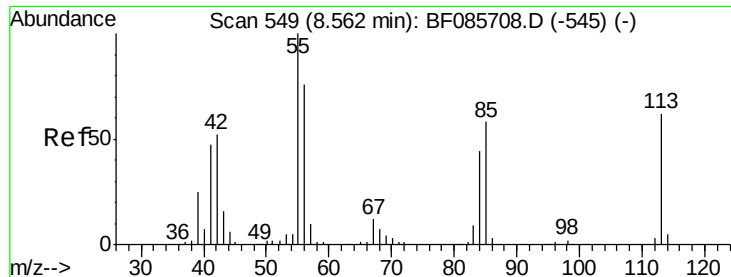
#34
Hexachlorobutadiene
Concen: 37.89 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion:	225	Resp:	123851
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.4	75.6
227	62.6	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

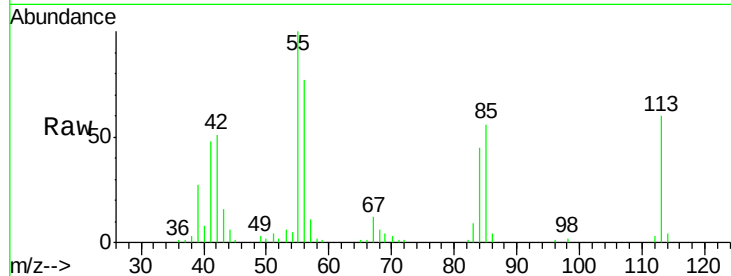




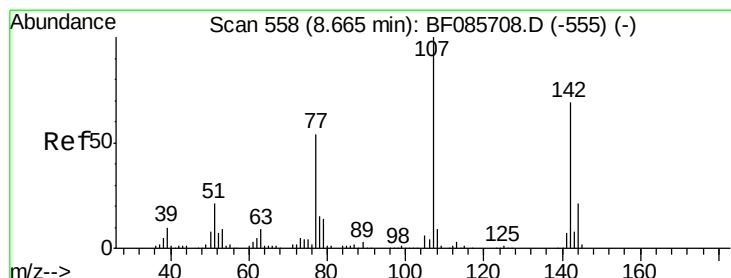
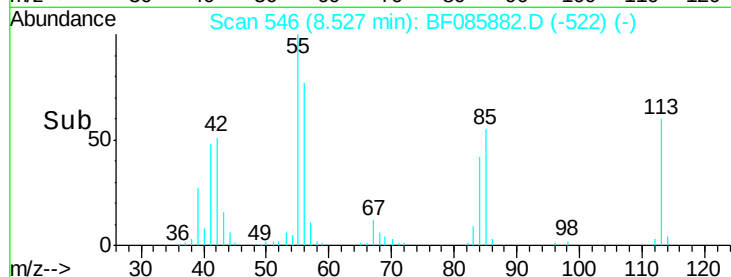
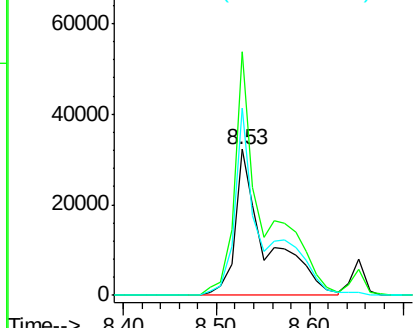
#35
 Caprolactam
 Concen: 39.43 ng
 RT: 8.53 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:113 Resp: 75648
 Ion Ratio Lower Upper
 113 100
 55 167.0 139.4 179.4
 56 128.6 100.4 140.4

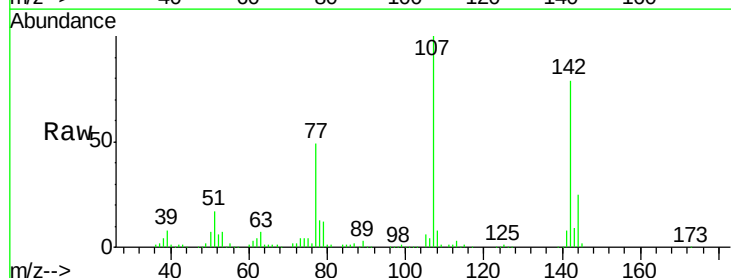


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

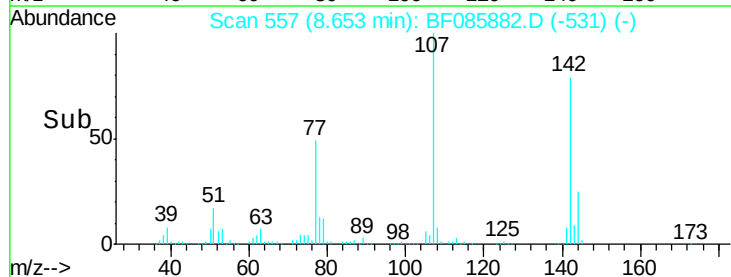
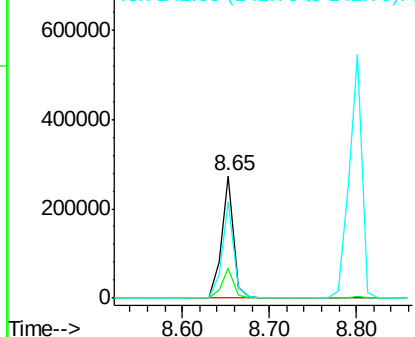


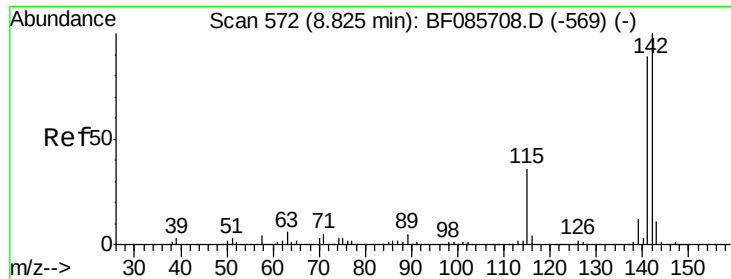
#36
 4-Chloro-3-methylphenol
 Concen: 42.27 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:107 Resp: 267433
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 78.5 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

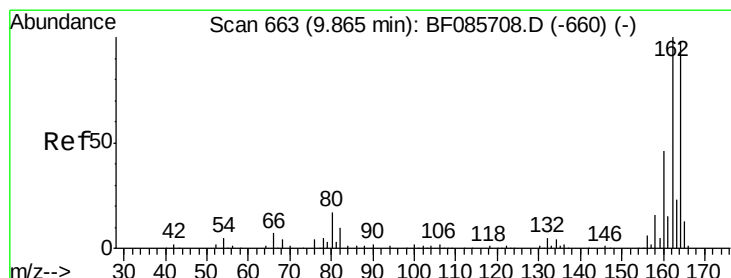
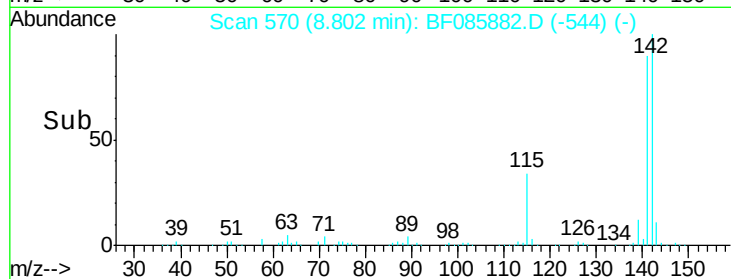
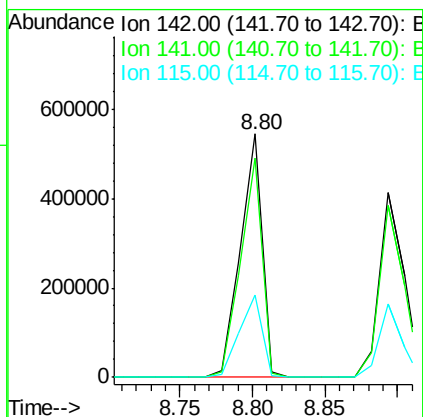
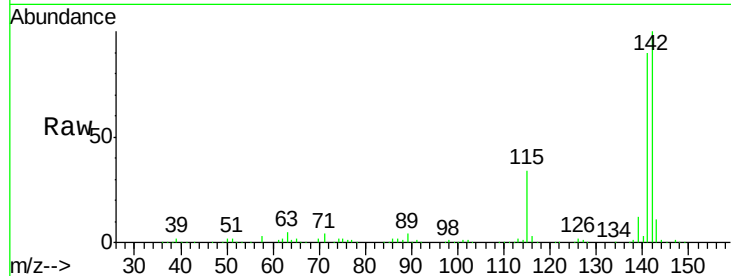




#37
 2-Methylnaphthalene
 Concen: 49.31 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

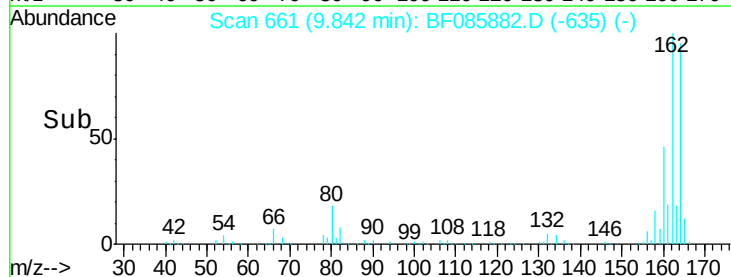
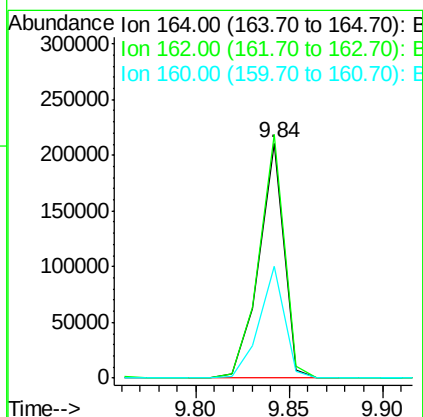
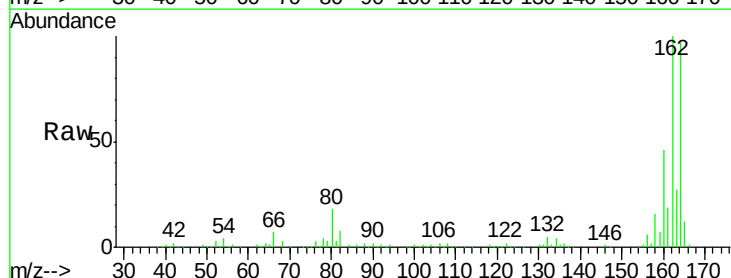
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

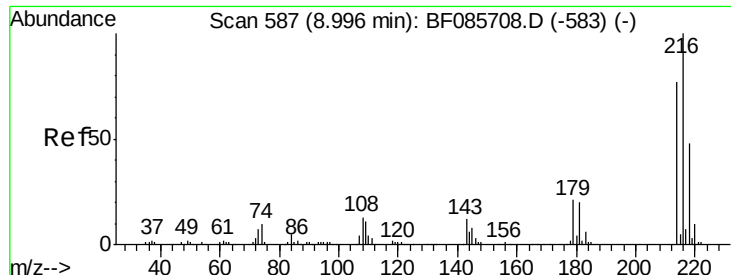
Tgt Ion:142 Resp: 569775
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4
 115 33.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:164 Resp: 194329
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.1 123.1
 160 47.6 37.4 56.2

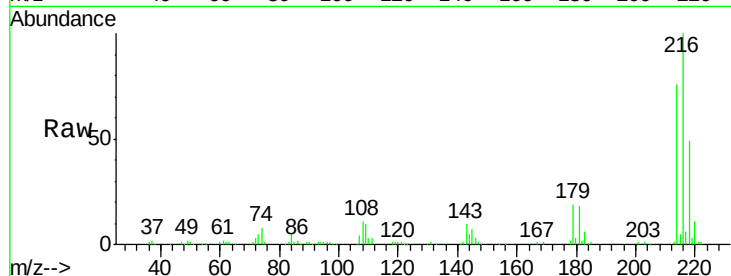




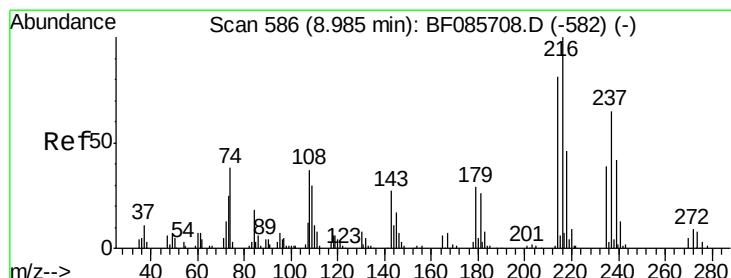
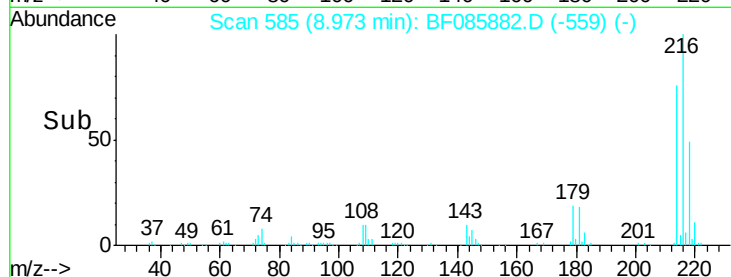
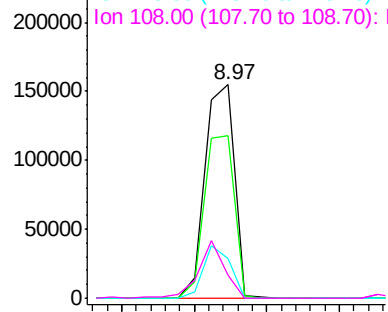
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.70 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:	216	Resp:	217241
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	22.8	18.2	27.2
108	24.3	17.3	25.9

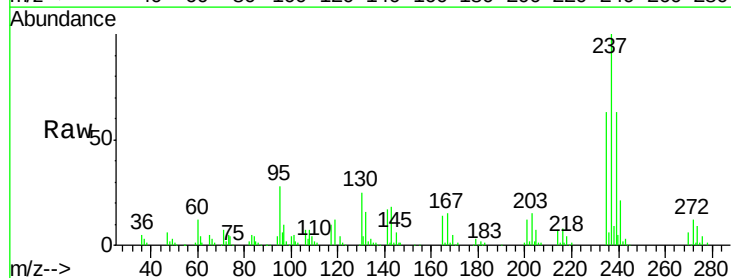


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

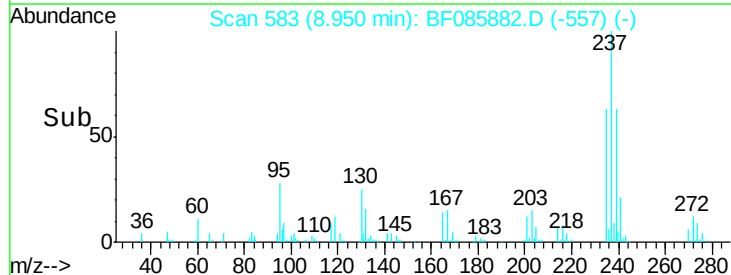
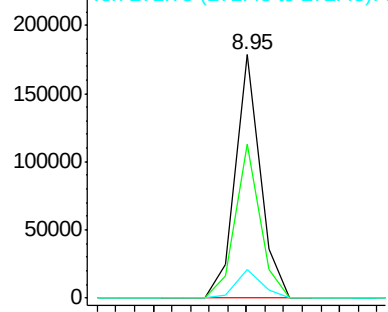


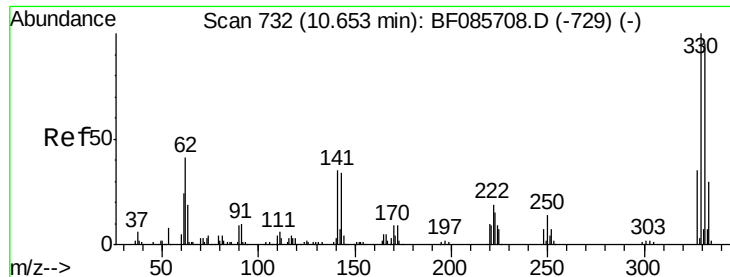
#40
 Hexachlorocyclopentadiene
 Concen: 69.64 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:	237	Resp:	164033
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.7	83.7
272	11.6	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

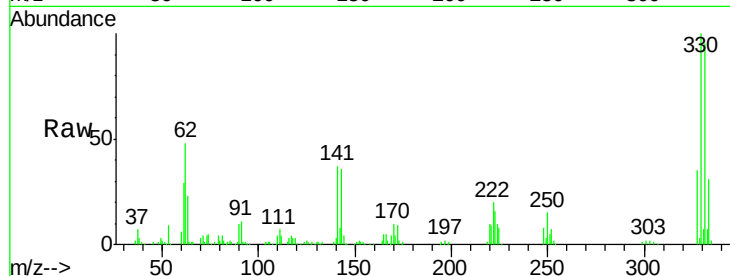




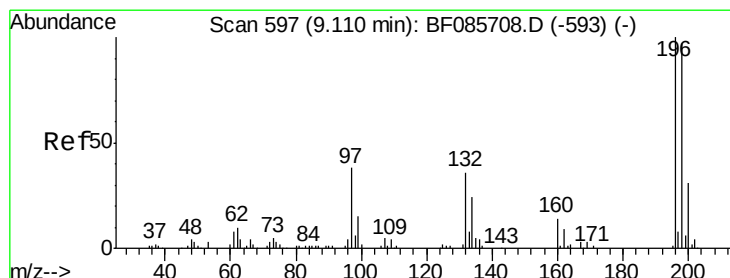
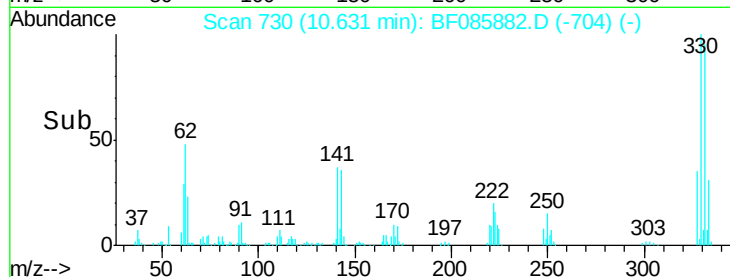
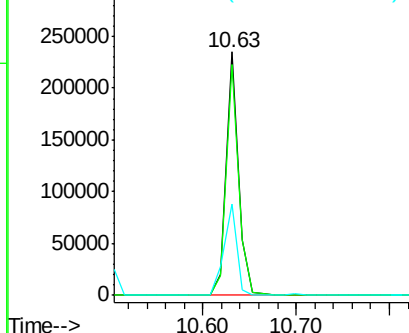
#41
 2,4,6-Tribromophenol
 Concen: 117.27 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:330 Resp: 216515
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 39.2 31.5 47.3

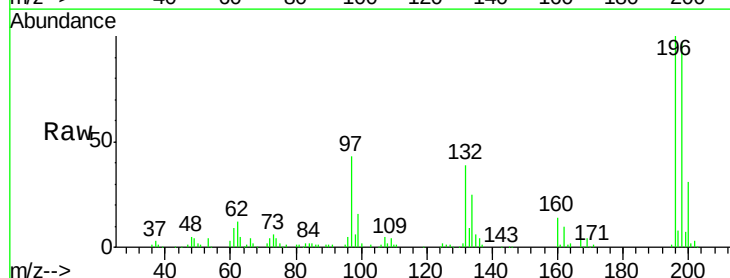


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

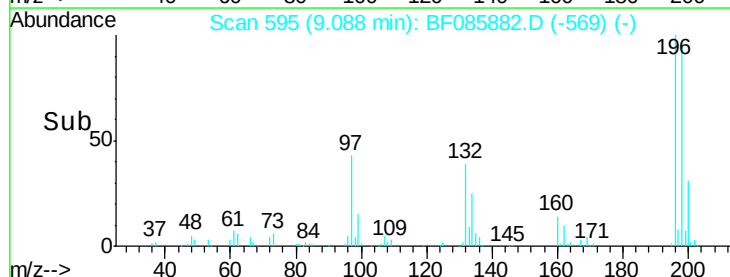
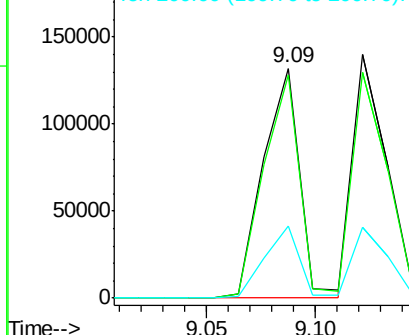


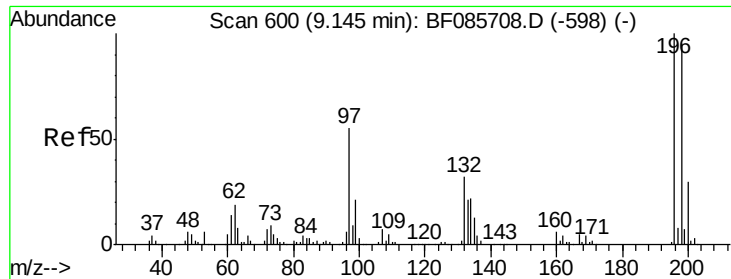
#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:196 Resp: 155023
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.3 112.9
 200 31.4 23.7 35.5



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

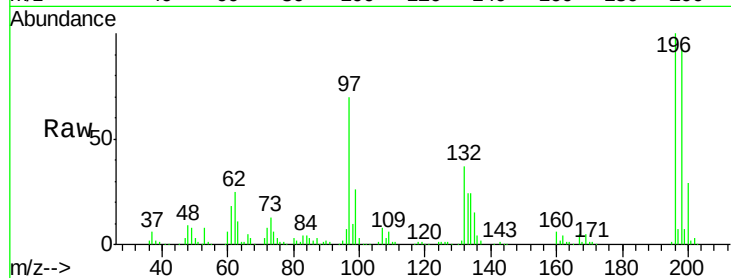




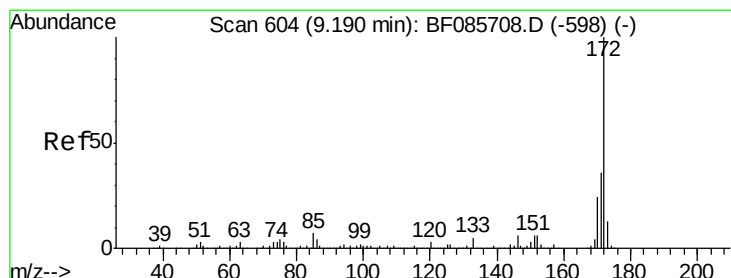
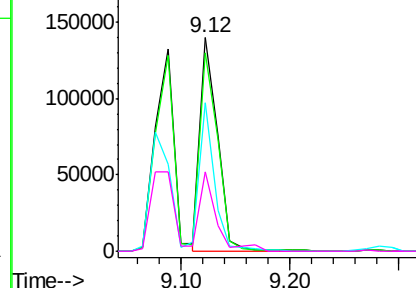
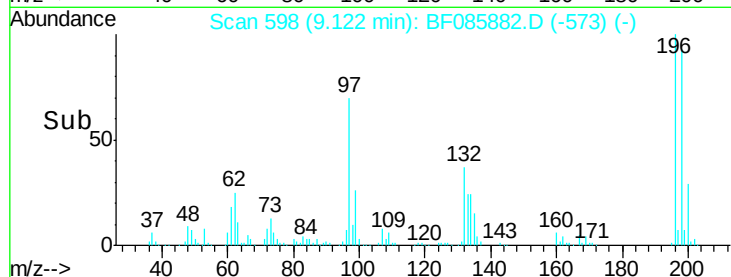
#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:196 Resp: 157232
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.6 114.8
 97 69.8 30.5 45.7#
 132 37.3 20.2 30.2#

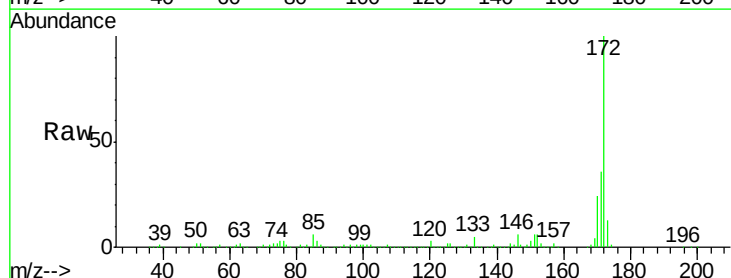


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

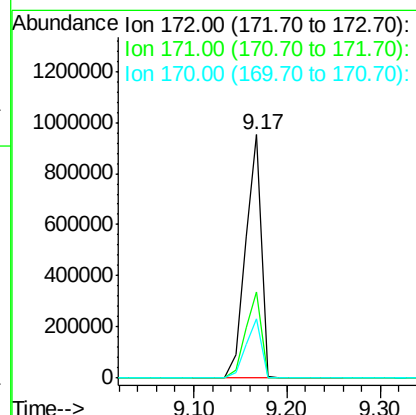
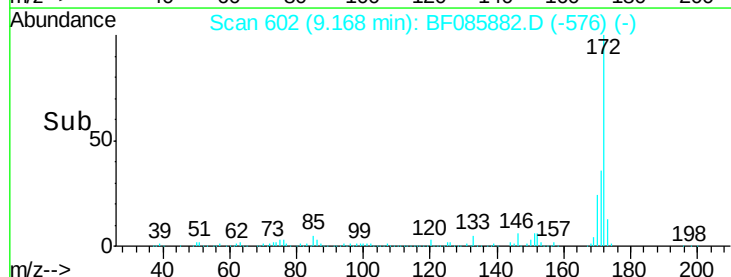


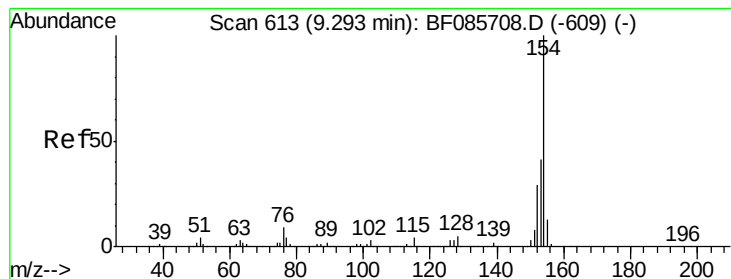
#44
 2-Fluorobiphenyl
 Concen: 94.88 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:172 Resp: 1103602
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.4 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: 37.45 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

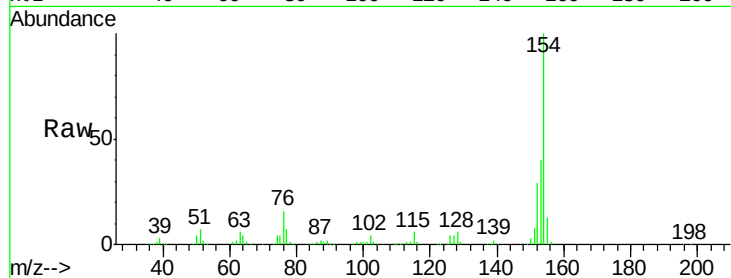
Tgt Ion:154 Resp: 614048

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

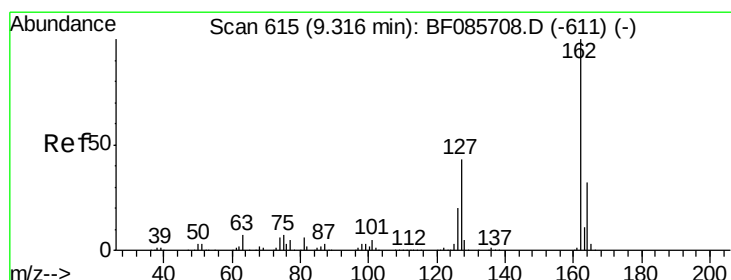
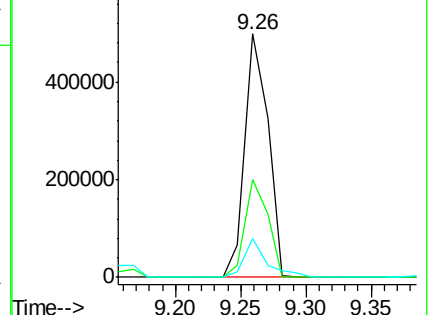
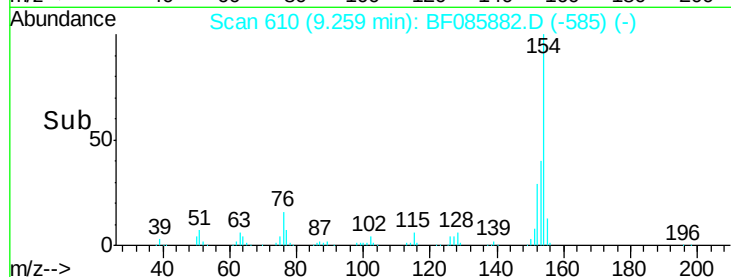
76 16.0 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.62 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

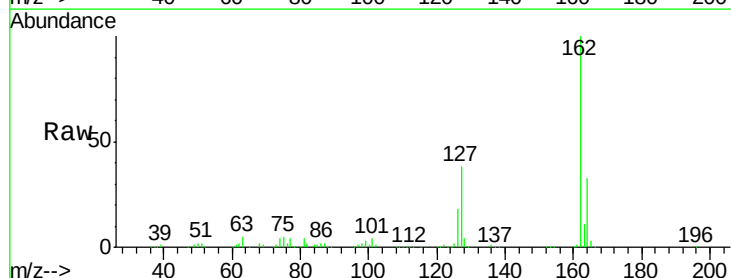
Tgt Ion:162 Resp: 489820

Ion Ratio Lower Upper

162 100

127 38.2 31.7 47.5

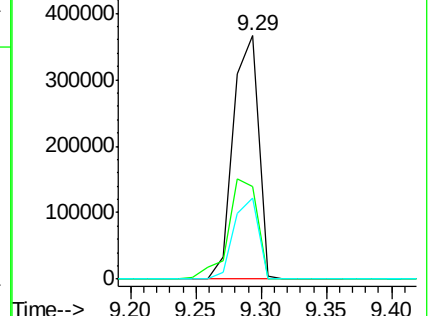
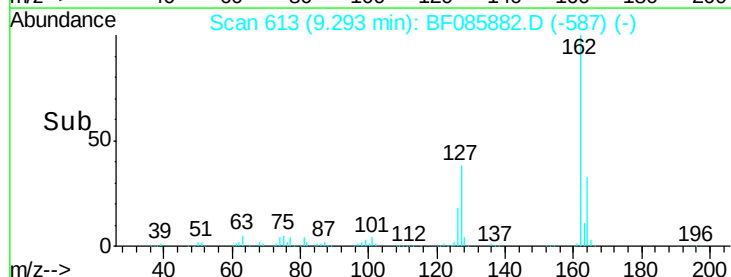
164 33.4 27.3 40.9

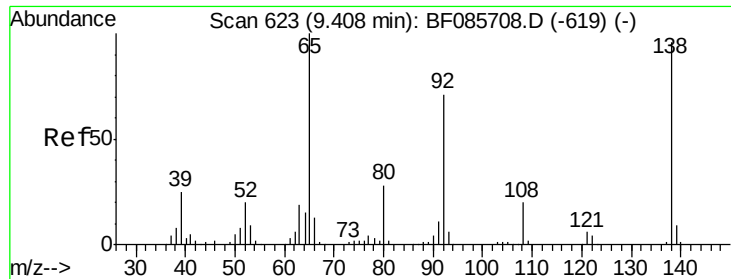


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

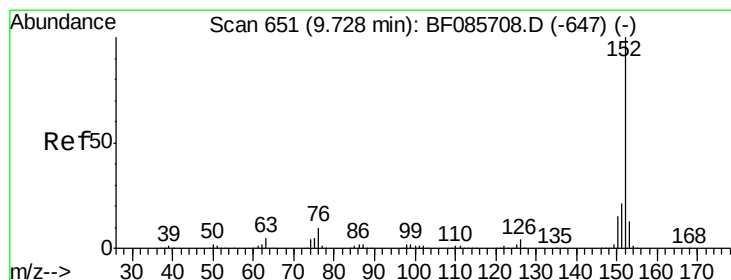
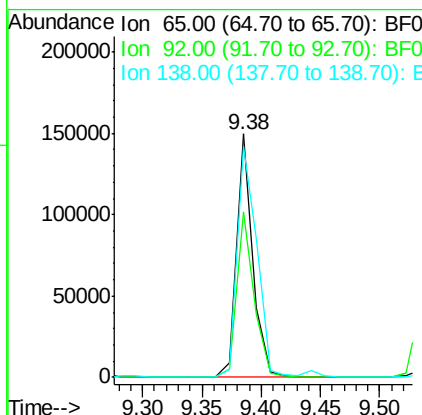
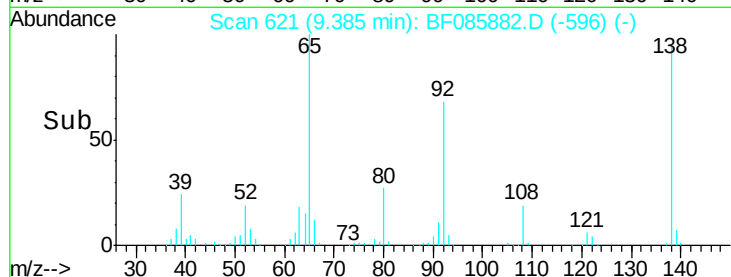
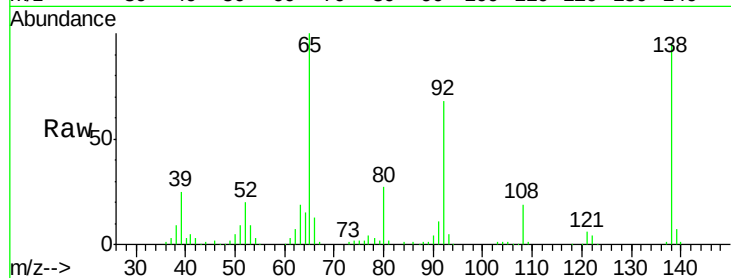




#47
 2-Nitroaniline
 Concen: 38.56 ng
 RT: 9.38 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

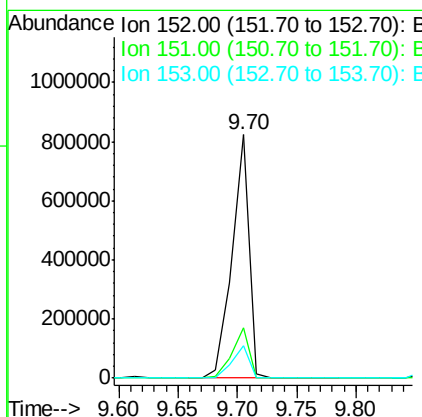
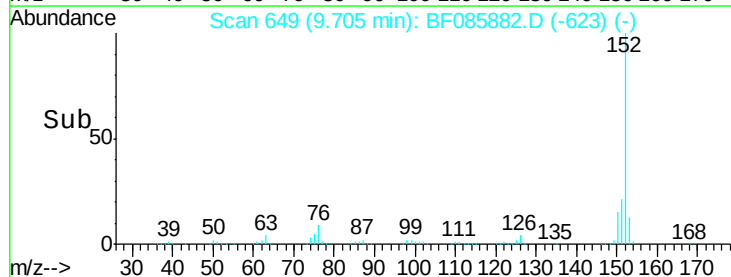
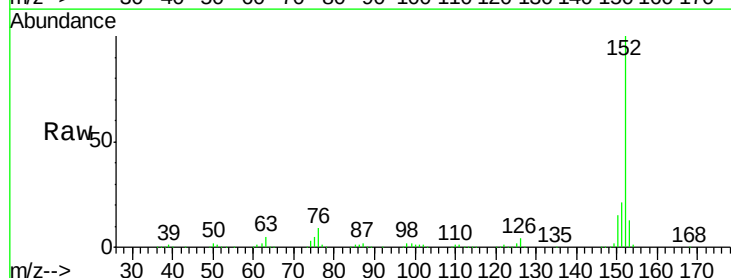
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

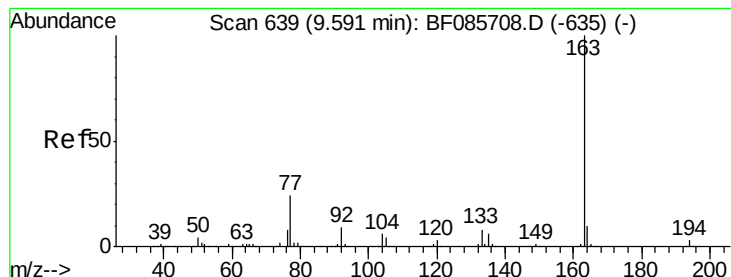
Tgt Ion:	65	Resp:	142161
Ion	Ratio	Lower	Upper
65	100		
92	68.1	59.7	89.5
138	94.8	91.4	137.0



#48
 Acenaphthylene
 Concen: 41.49 ng
 RT: 9.70 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:	152	Resp:	815157
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.9	16.3





#49

Dimethylphthalate

Concen: 37.34 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

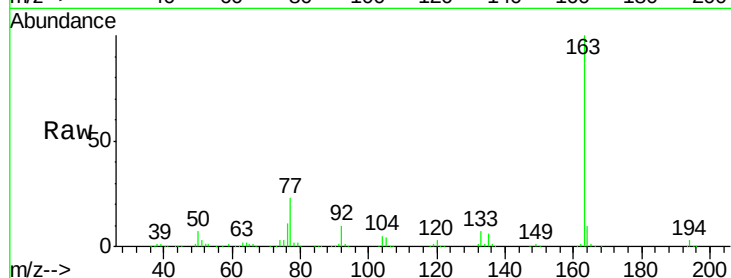
Tgt Ion:163 Resp: 550512

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

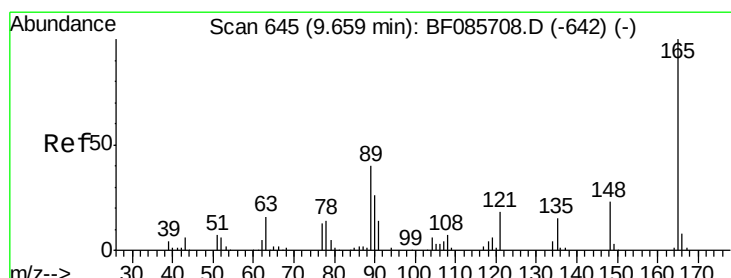
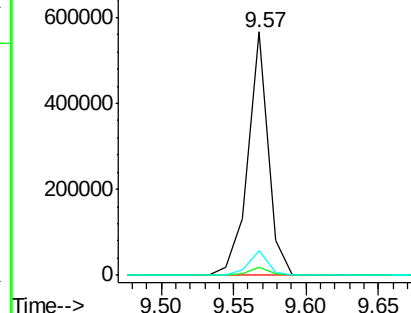
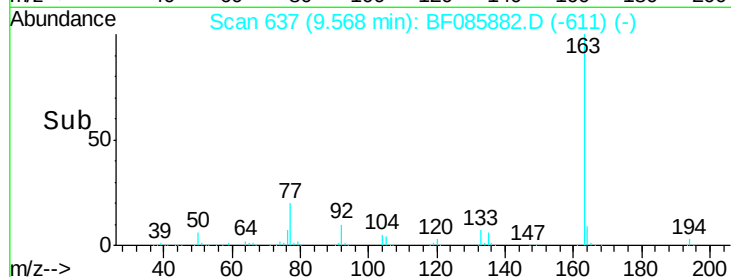
164 10.4 8.3 12.5



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: 41.21 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

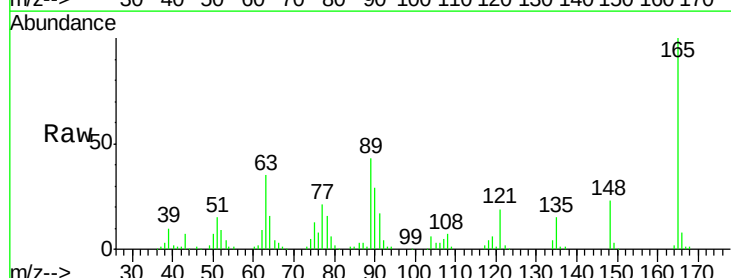
Tgt Ion:165 Resp: 130781

Ion Ratio Lower Upper

165 100

63 34.6 51.8 77.8#

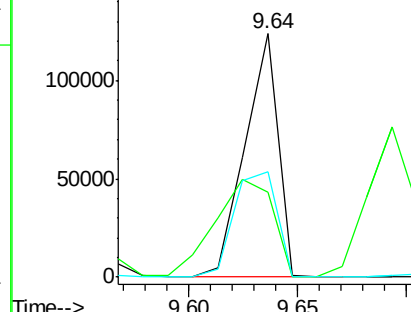
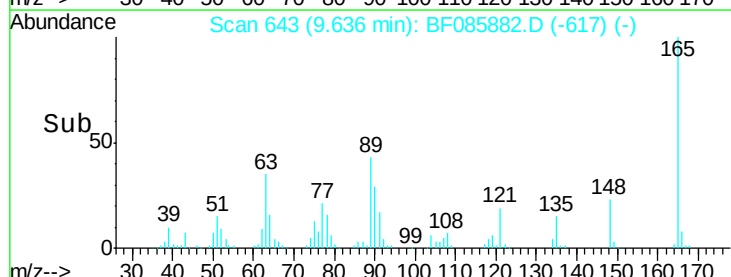
89 43.5 53.7 80.5#

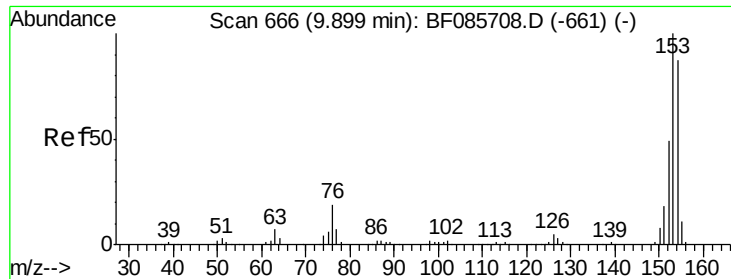


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.76 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

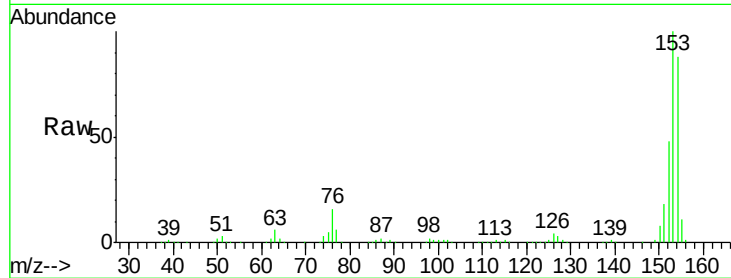
Tgt Ion:154 Resp: 477168

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

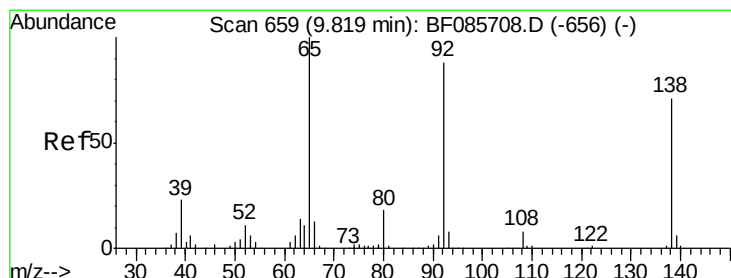
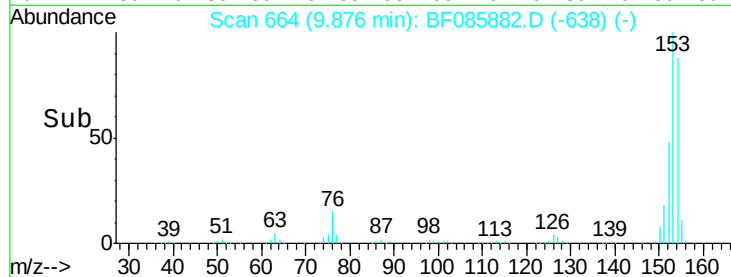
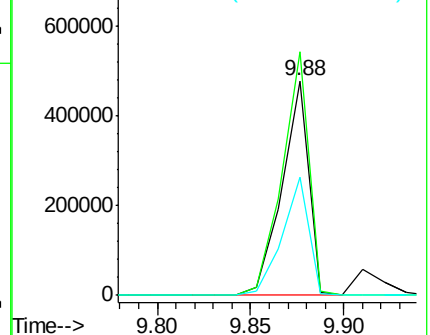
152 55.0 44.2 66.2



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: 22.41 ng

RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

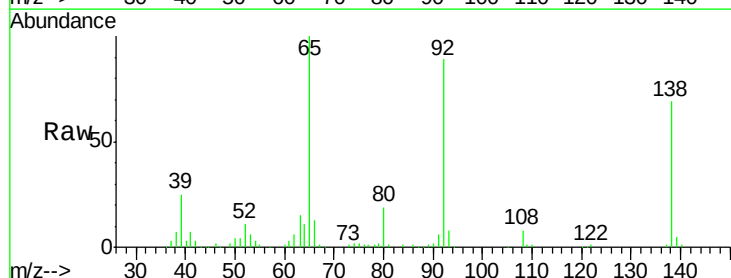
Tgt Ion:138 Resp: 81409

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

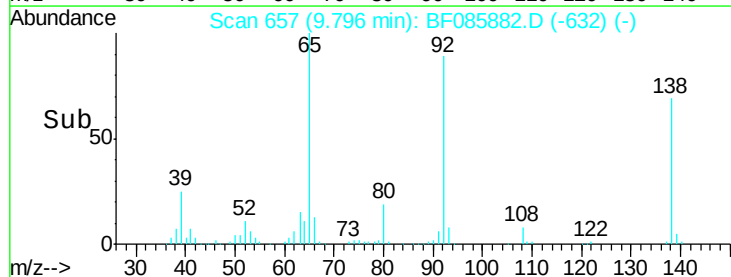
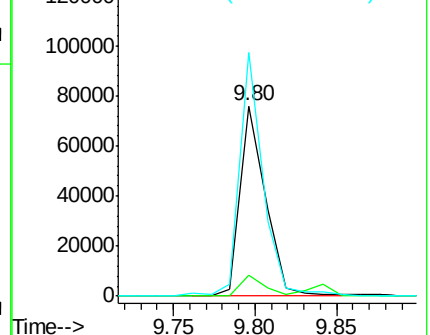
92 128.2 93.3 139.9

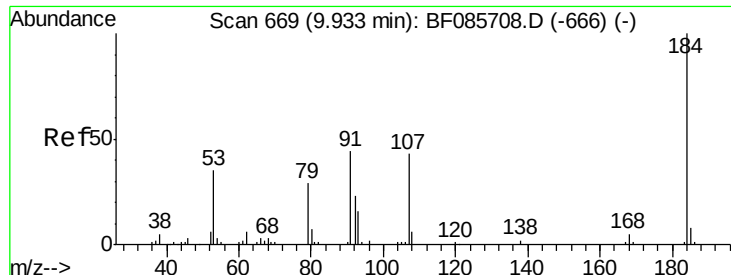


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

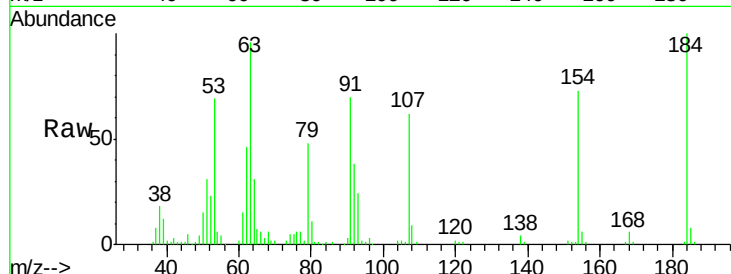




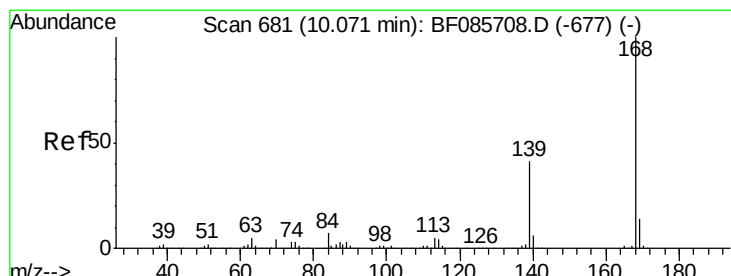
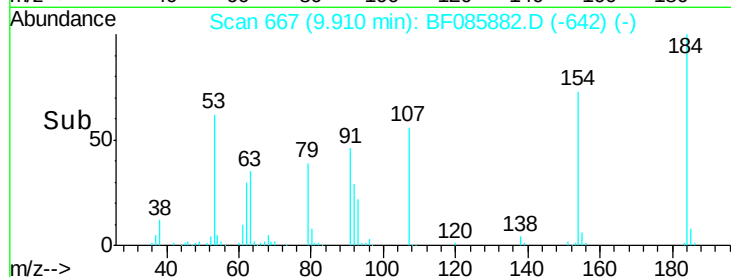
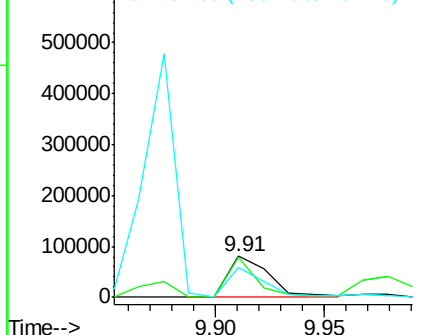
#53
2,4-Dinitrophenol
Concen: 67.13 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion:184 Resp: 105943
Ion Ratio Lower Upper
184 100
63 96.3 69.5 104.3
154 72.6 58.3 87.5

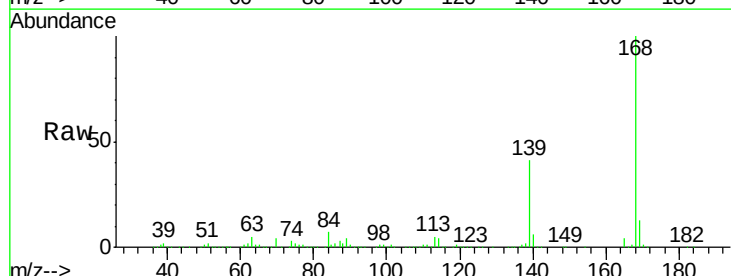


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

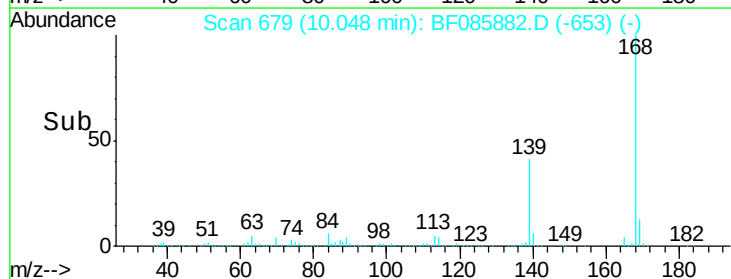
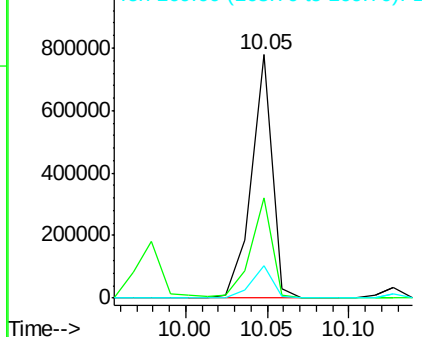


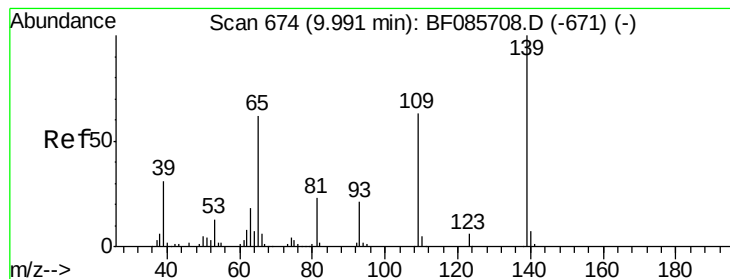
#54
Dibenzofuran
Concen: 44.53 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion:168 Resp: 691652
Ion Ratio Lower Upper
168 100
139 41.1 31.9 47.9
169 13.3 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: 84.40 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

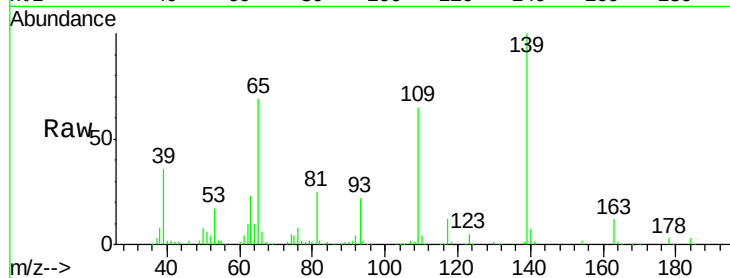
Tgt Ion:139 Resp: 199723

Ion Ratio Lower Upper

139 100

109 65.3 49.2 89.2

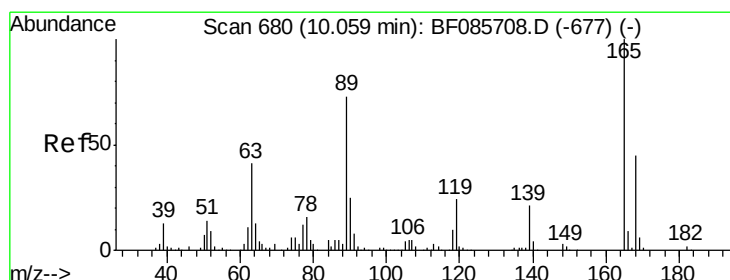
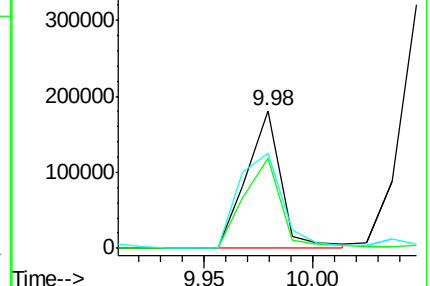
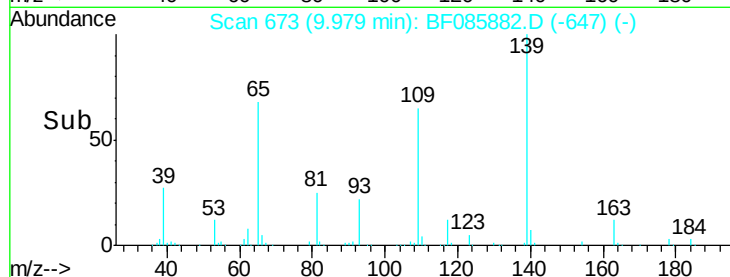
65 69.1 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.19 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:165 Resp: 154037

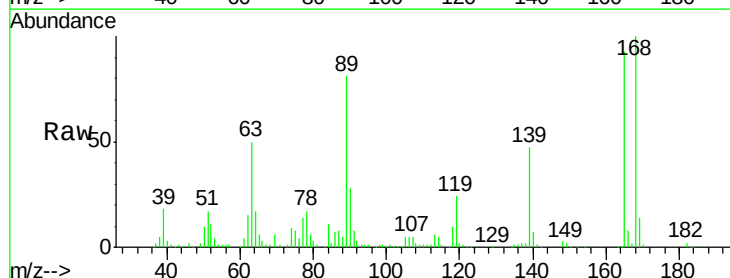
Ion Ratio Lower Upper

165 100

63 54.3 24.9 37.3#

89 87.1 41.0 61.6#

182 2.3 2.1 3.1

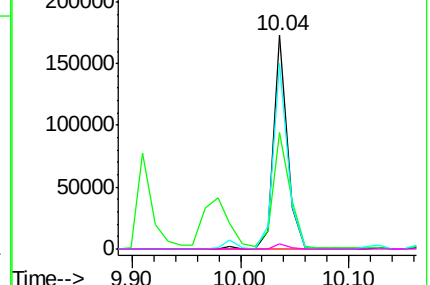
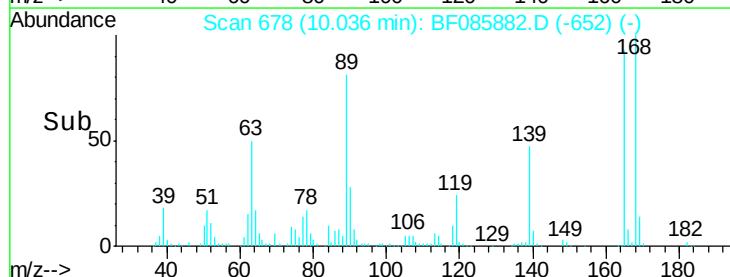


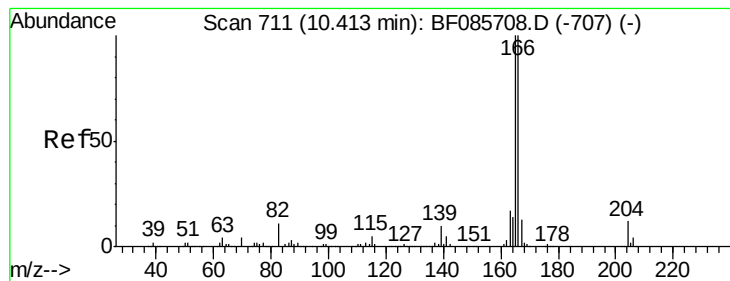
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.77 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

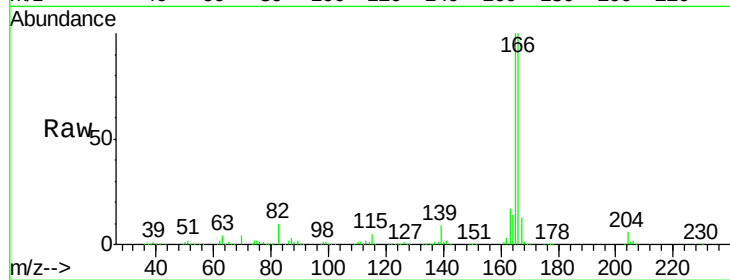
Tgt Ion:166 Resp: 552212

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

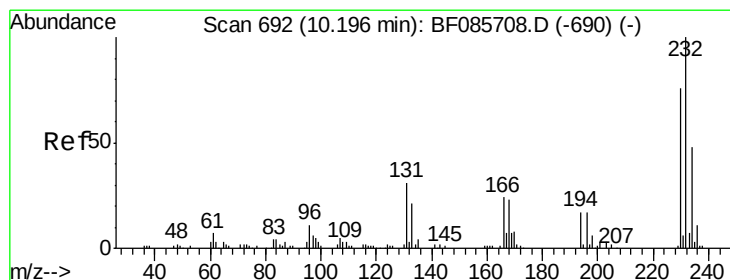
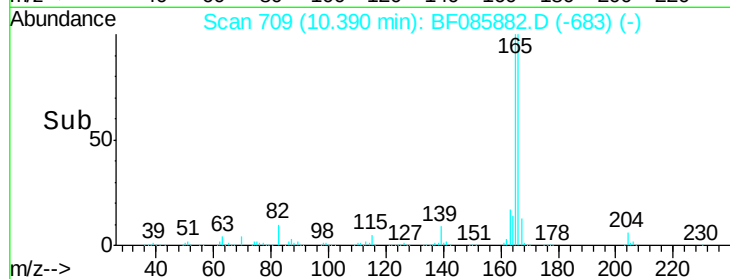
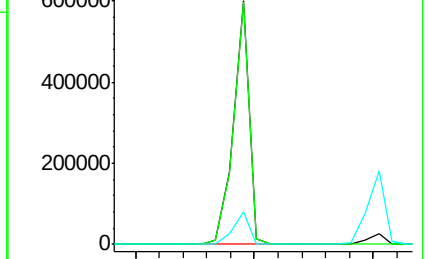
167 13.3 11.0 16.4



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: 42.96 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:232 Resp: 121886

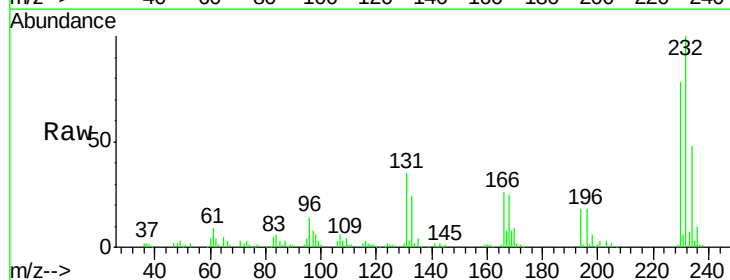
Ion Ratio Lower Upper

232 100

131 53.9 44.9 67.3

130 2.5 2.3 3.5

166 32.4 28.1 42.1

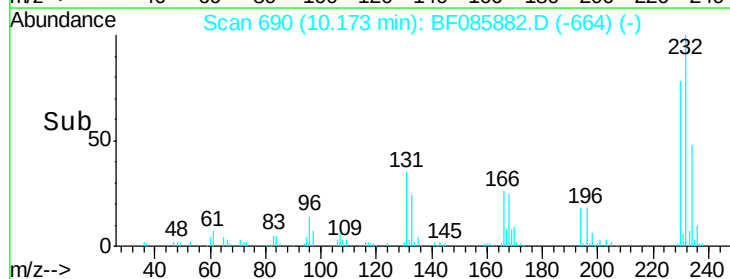
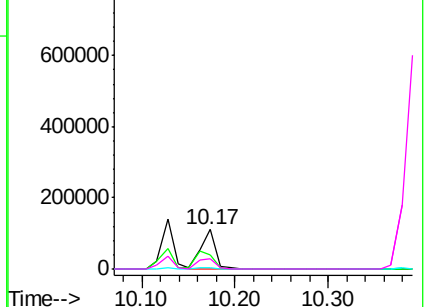


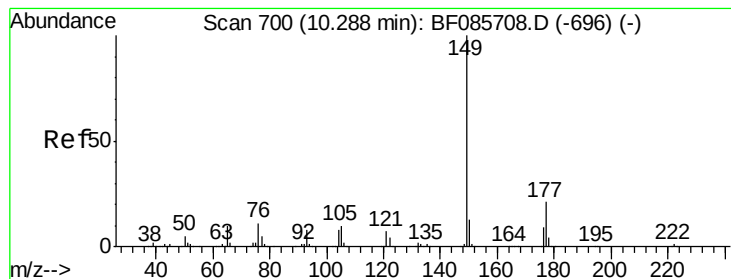
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.36 ng

RT: 10.26 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

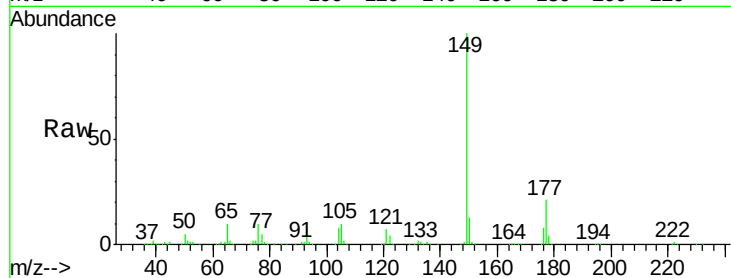
Tgt Ion:149 Resp: 558796

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

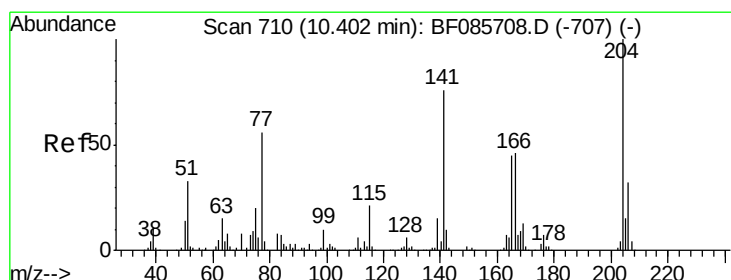
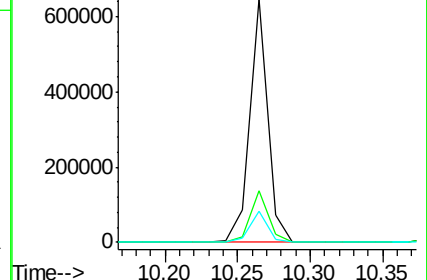
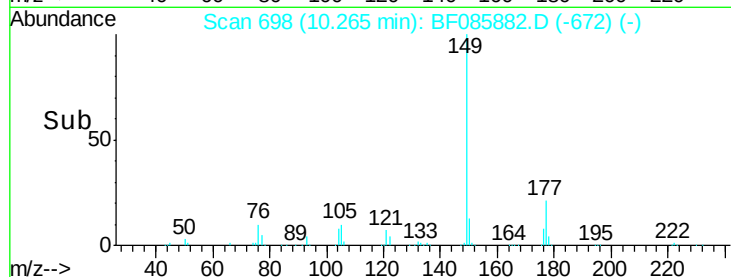
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.57 ng

RT: 10.38 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

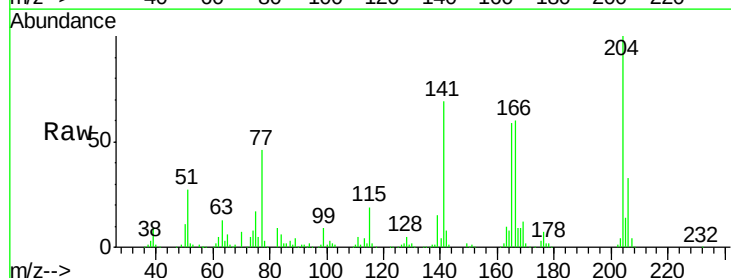
Tgt Ion:204 Resp: 243514

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

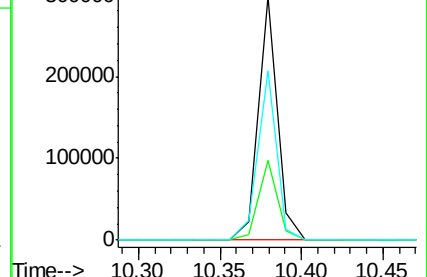
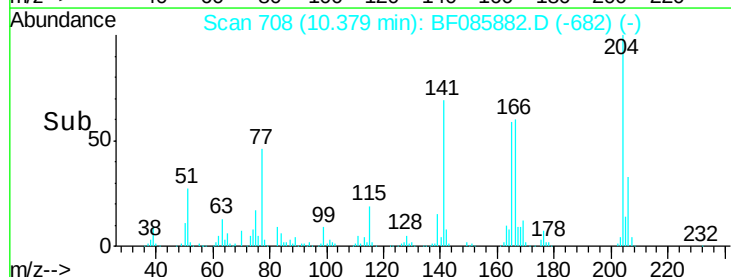
141 69.4 57.4 86.0

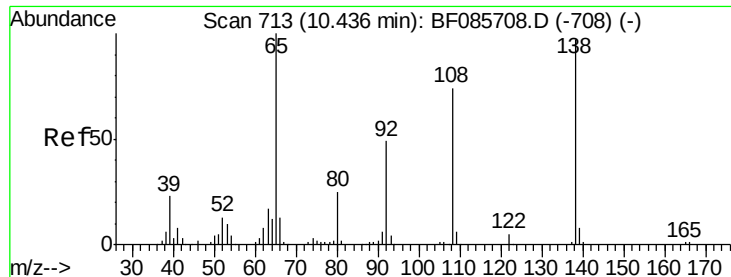


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.99 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

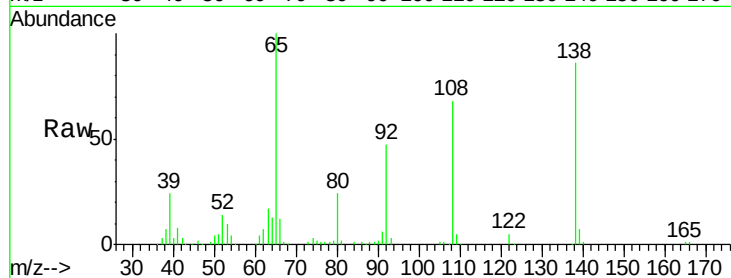
Tgt Ion:138 Resp: 128529

Ion Ratio Lower Upper

138 100

92 54.6 26.4 66.4

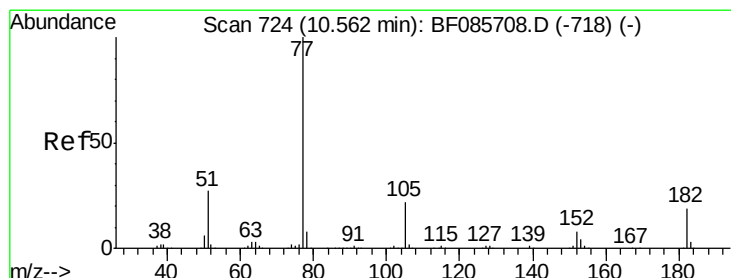
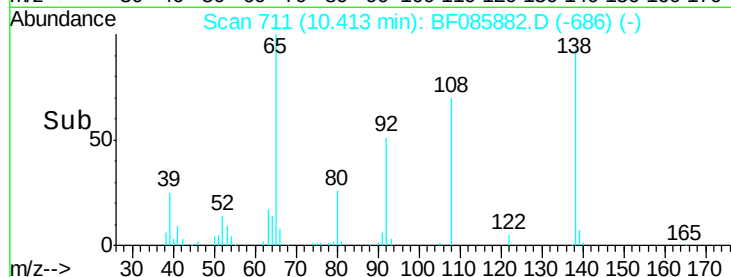
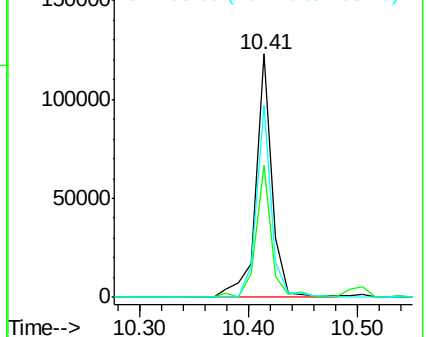
108 78.8 49.0 89.0



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: 44.88 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion: 77 Resp: 628220

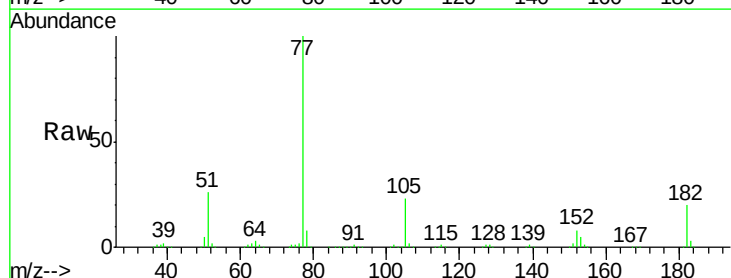
Ion Ratio Lower Upper

77 100

182 20.4 1.9 41.9

105 23.0 3.5 43.5

51 26.3 6.3 46.3

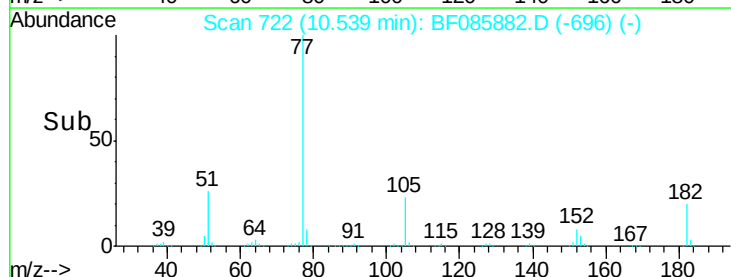
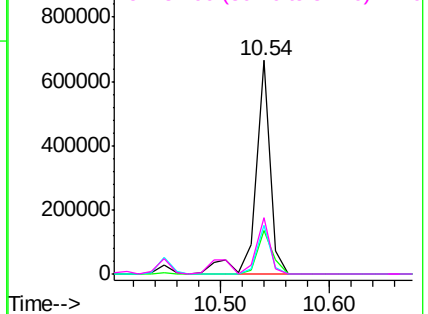


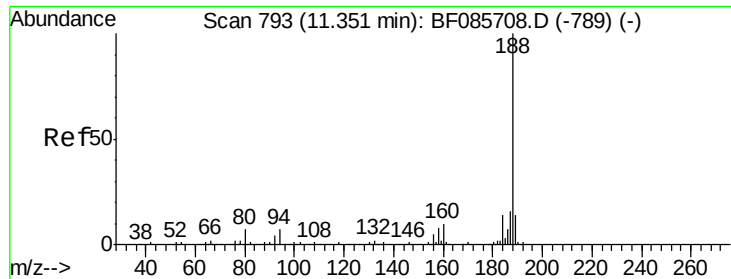
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

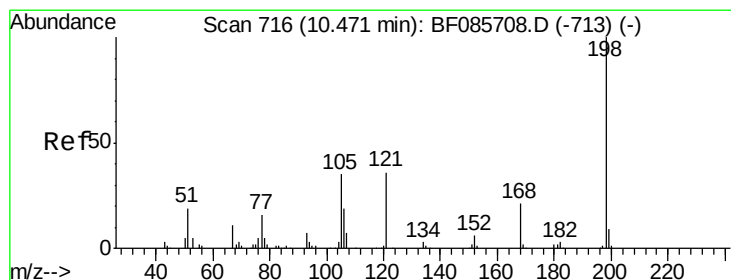
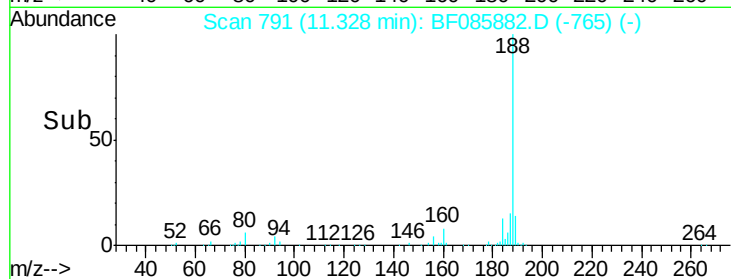
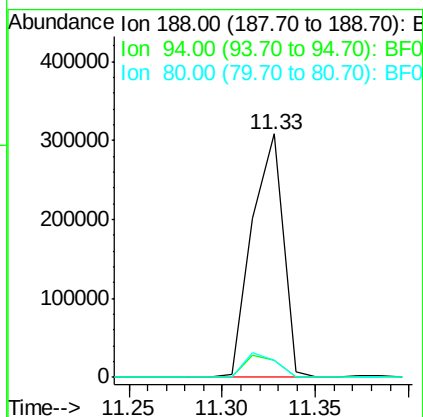
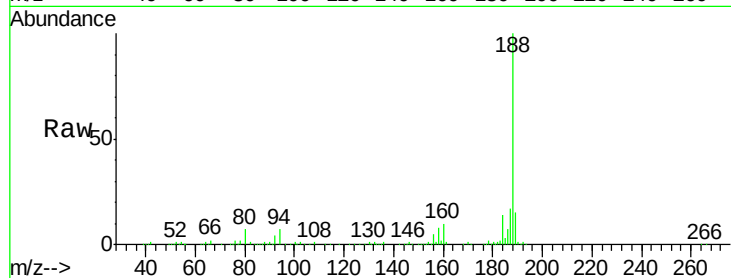




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

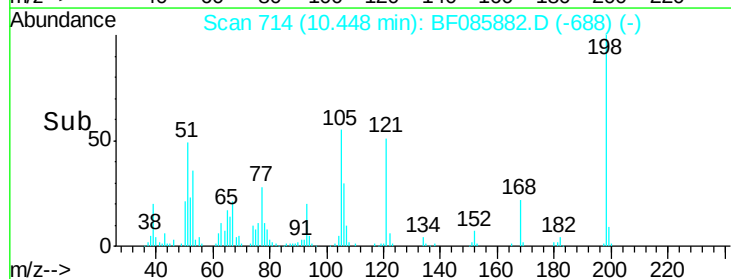
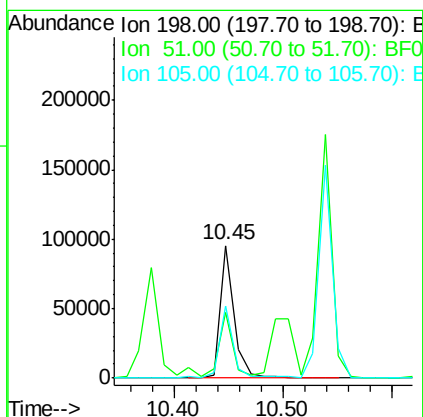
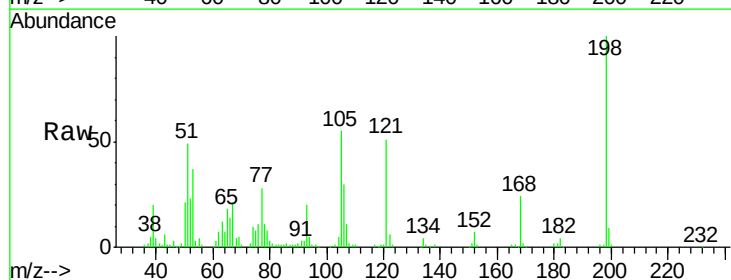
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

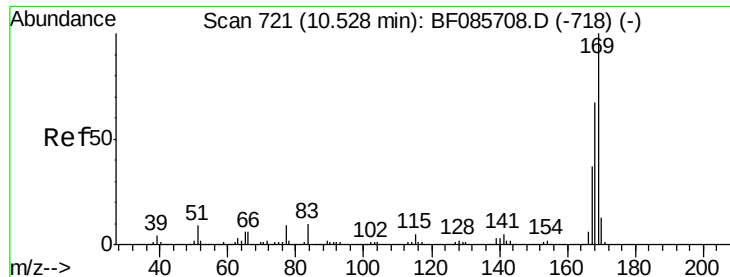
Tgt Ion:188 Resp: 357605
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.4 8.0
 80 6.9 5.5 8.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.04 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:198 Resp: 85954
 Ion Ratio Lower Upper
 198 100
 51 49.2 45.4 85.4
 105 54.7 45.9 85.9

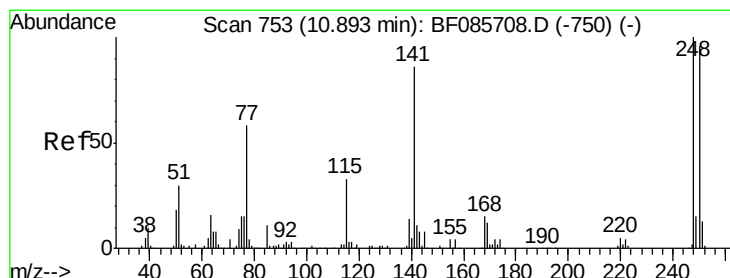
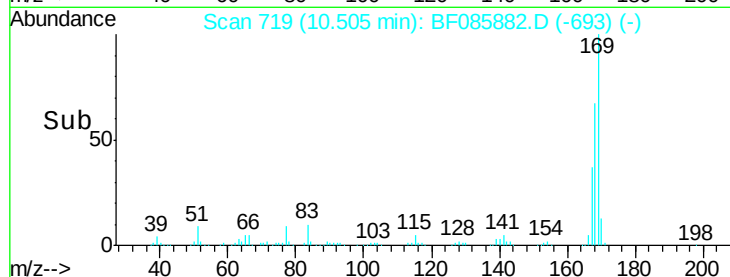
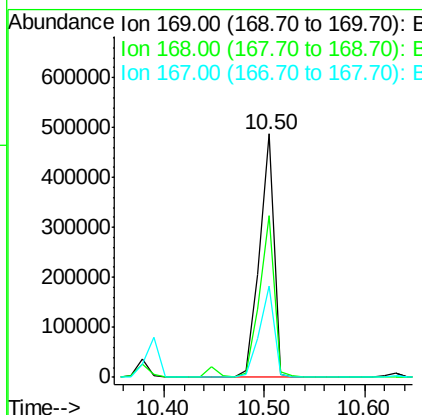
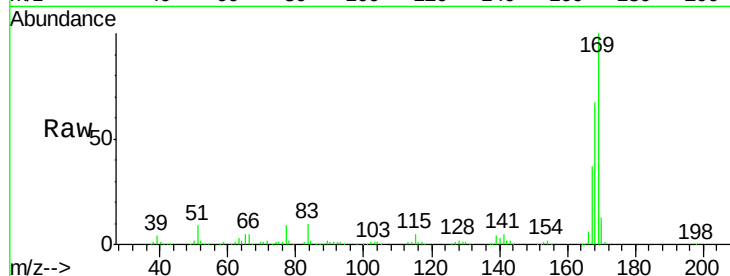




#65
 n-Nitrosodiphenylamine
 Concen: 43.50 ng
 RT: 10.50 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

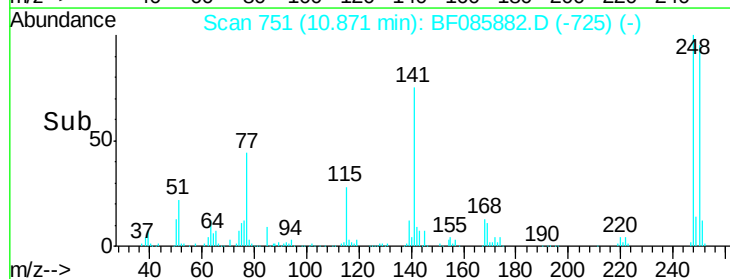
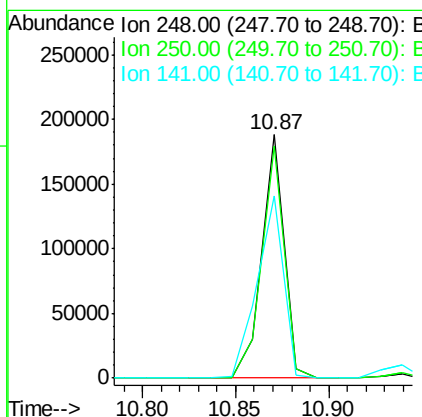
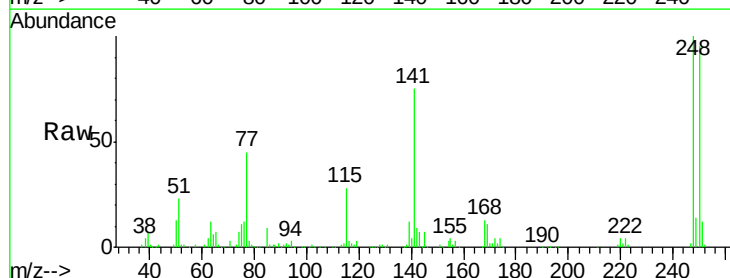
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

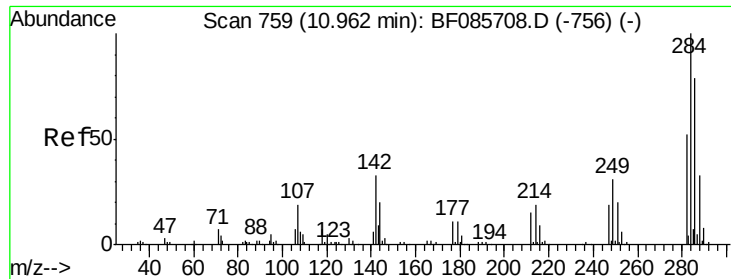
Tgt Ion:169 Resp: 492720
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 37.3 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.30 ng
 RT: 10.87 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:248 Resp: 154768
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.4 116.0
 141 74.6 63.6 95.4





#67

Hexachlorobenzene

Concen: 43.31 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

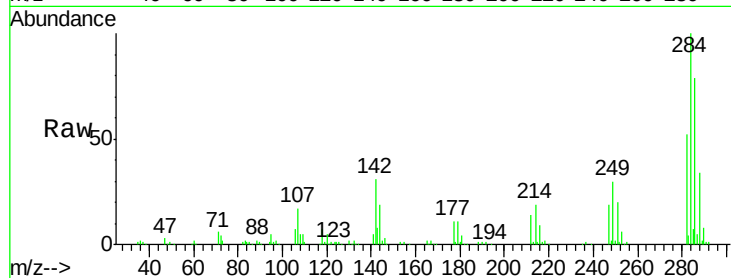
Tgt Ion:284 Resp: 165692

Ion Ratio Lower Upper

284 100

142 31.1 23.1 34.7

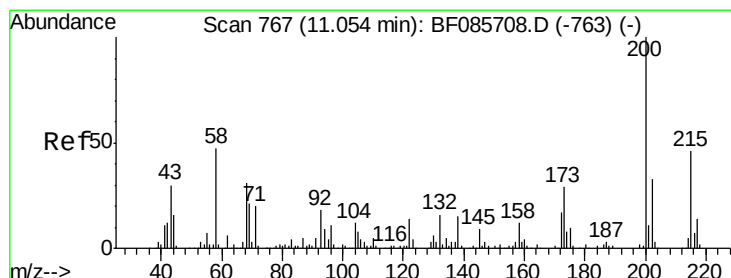
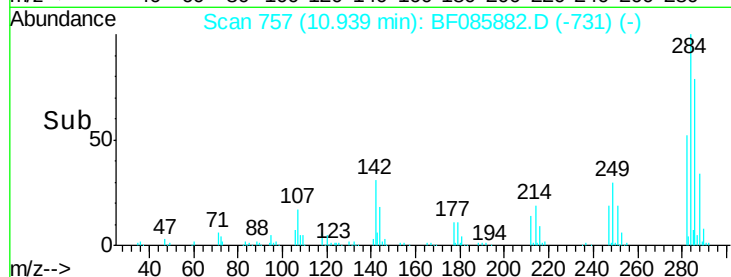
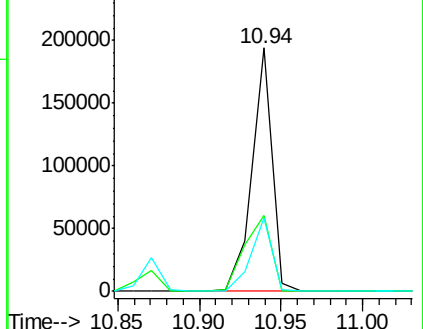
249 30.3 24.2 36.2



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: 39.66 ng

RT: 11.03 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

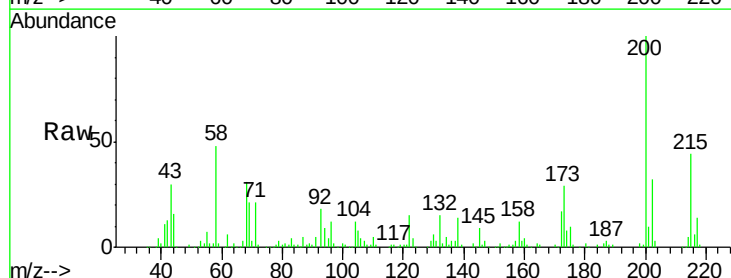
Tgt Ion:200 Resp: 151646

Ion Ratio Lower Upper

200 100

173 29.3 7.7 47.7

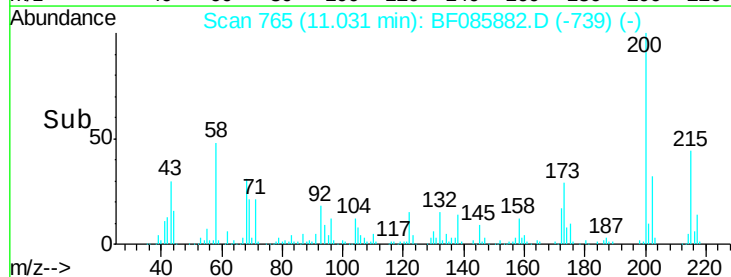
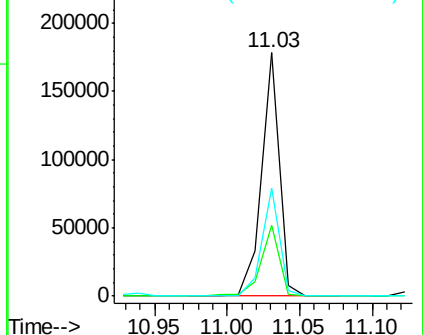
215 44.3 25.4 65.4

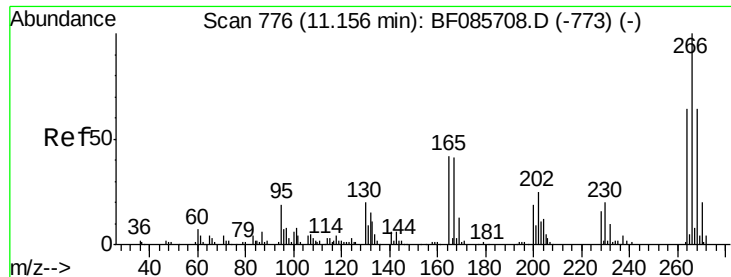


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

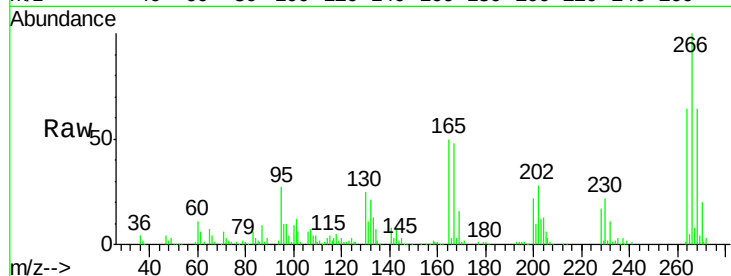




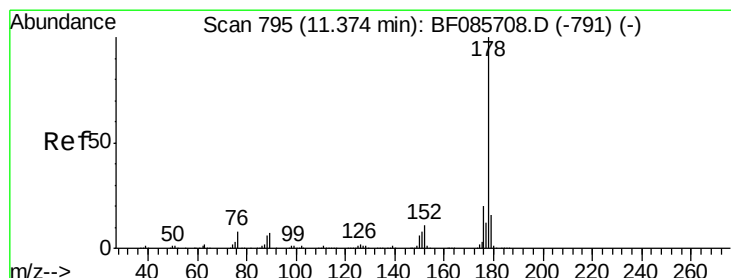
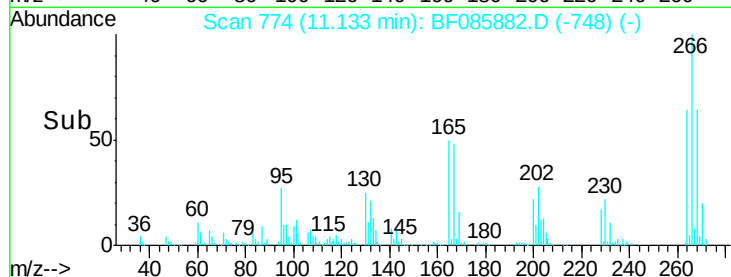
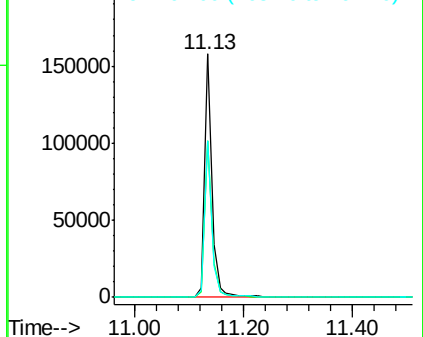
#69
 Pentachlorophenol
 Concen: 79.85 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:266 Resp: 149994
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.5 77.3
 264 64.4 50.6 76.0

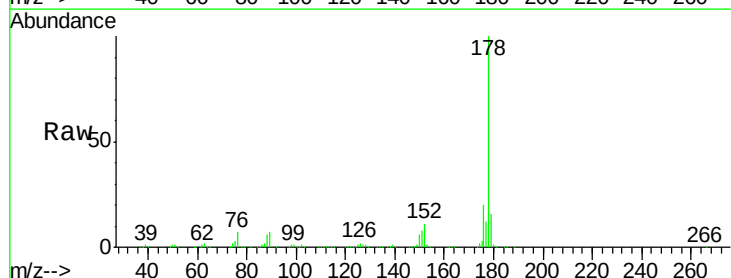


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

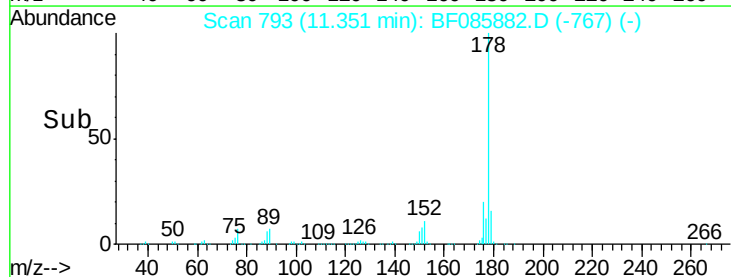
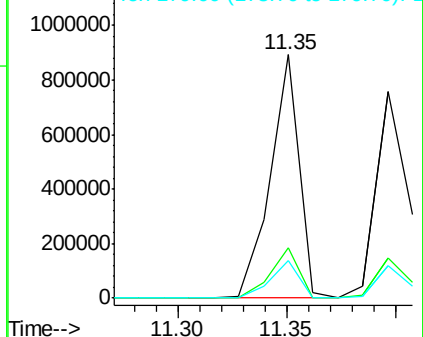


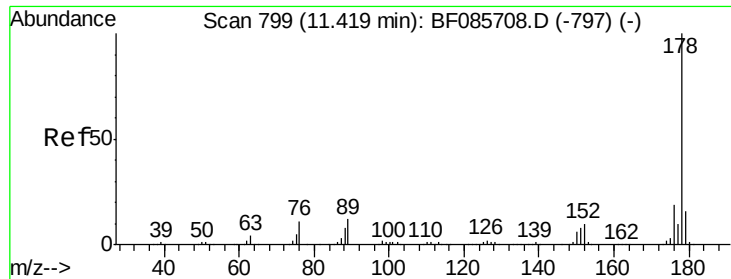
#70
 Phenanthrene
 Concen: 45.21 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:178 Resp: 830112
 Ion Ratio Lower Upper
 178 100
 176 20.5 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

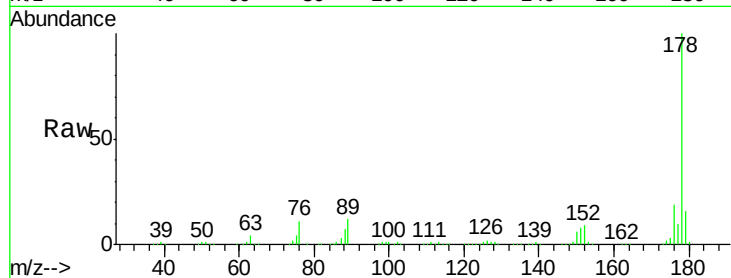




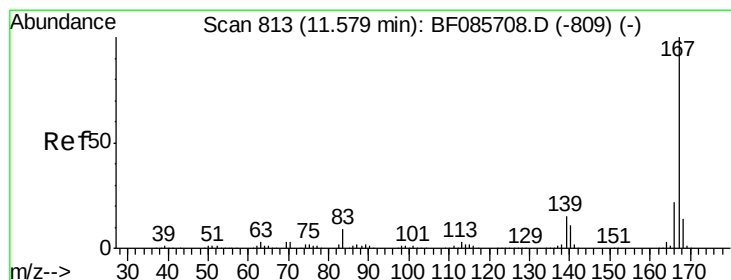
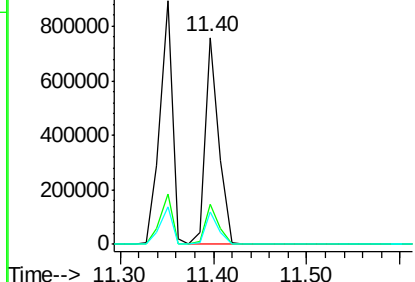
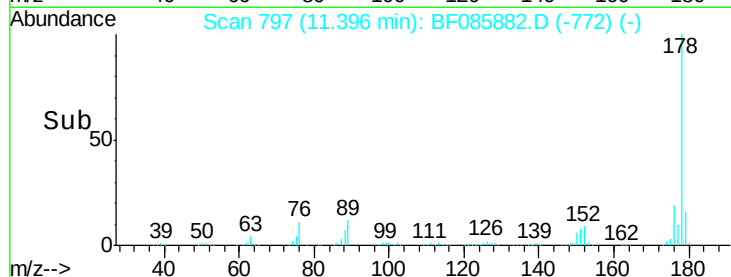
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion:178 Resp: 769069
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.0 13.0 19.4

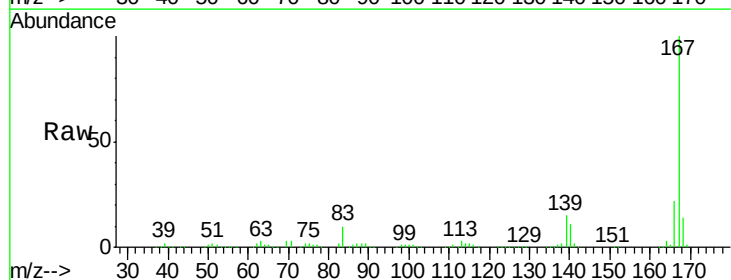


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

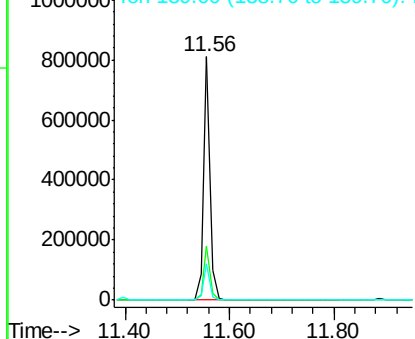
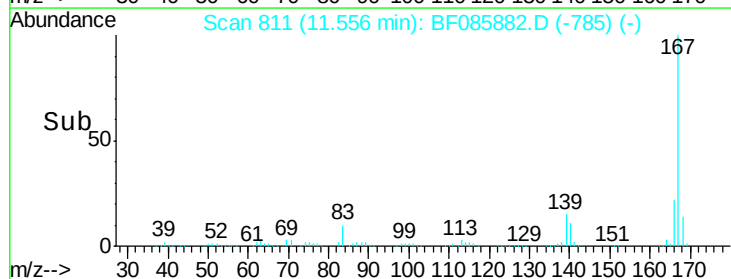


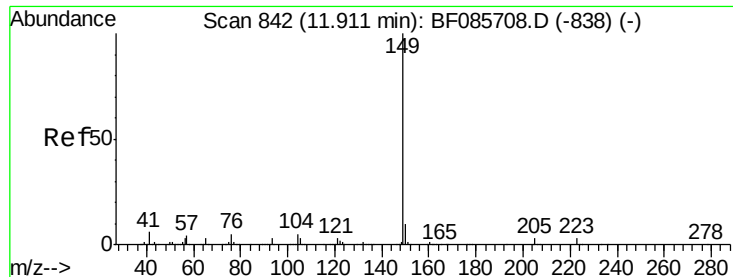
#72
 Carbazole
 Concen: 43.24 ng
 RT: 11.56 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:167 Resp: 699852
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 15.1 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

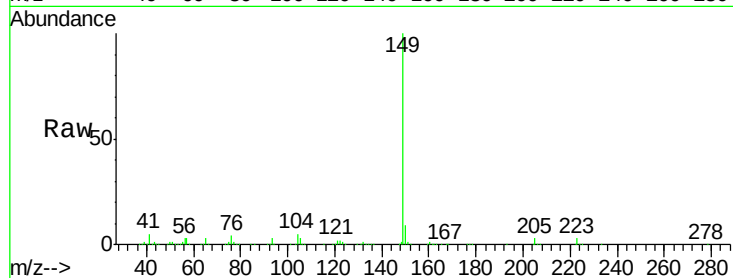
Tgt Ion:149 Resp: 926828

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

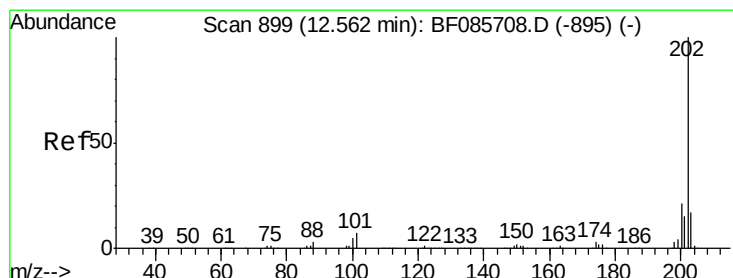
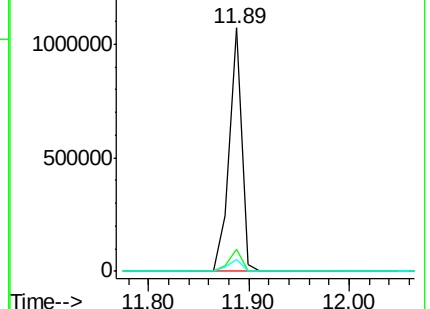
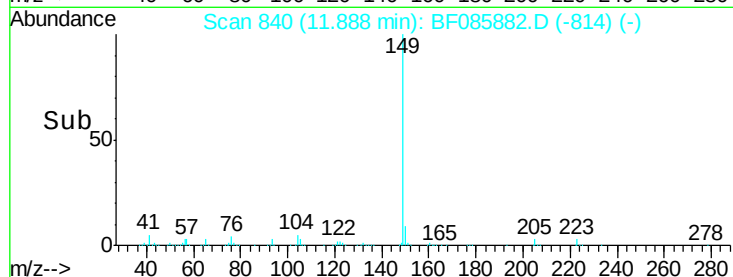
104 4.8 3.8 5.8



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: 42.09 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

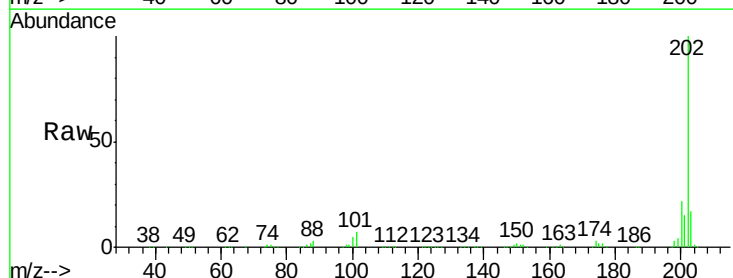
Tgt Ion:202 Resp: 821486

Ion Ratio Lower Upper

202 100

101 6.9 0.0 36.6

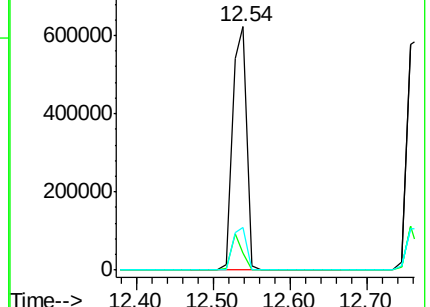
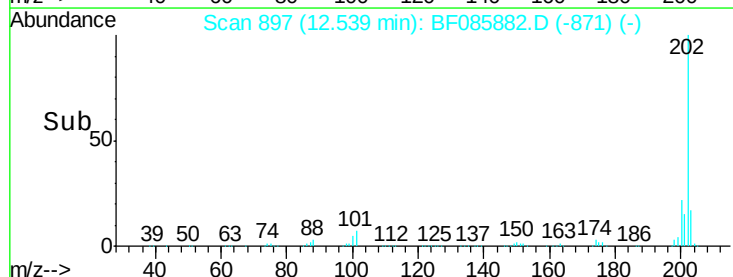
203 17.4 0.0 38.1

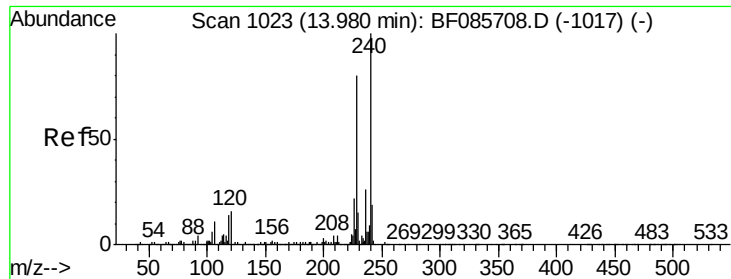


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

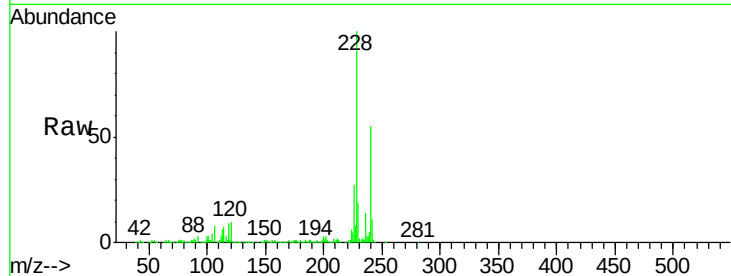
Tgt Ion:240 Resp: 260420

Ion Ratio Lower Upper

240 100

120 19.0 13.8 20.8

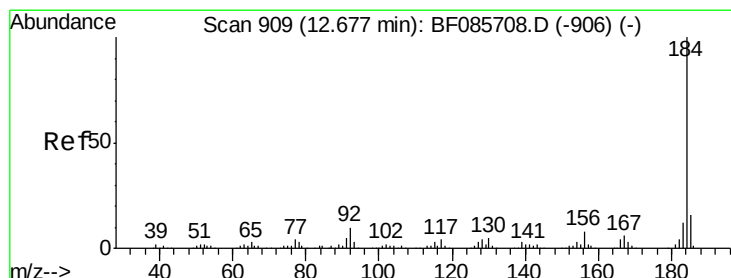
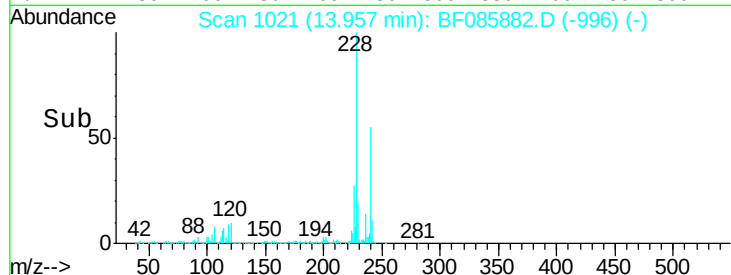
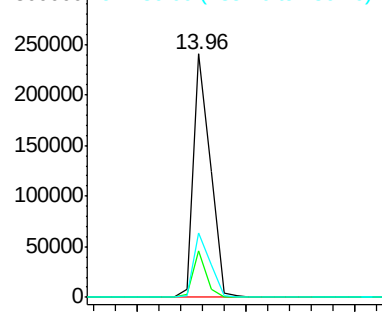
236 26.3 20.6 30.8



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: 32.70 ng

RT: 12.65 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

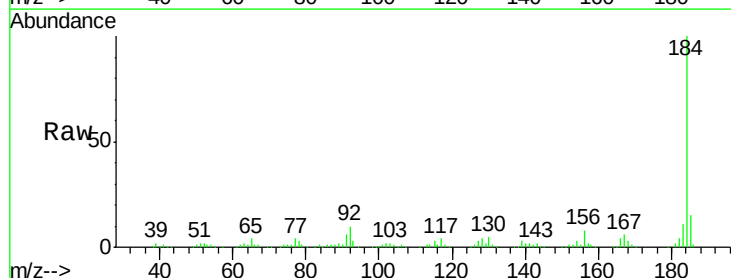
Tgt Ion:184 Resp: 299940

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

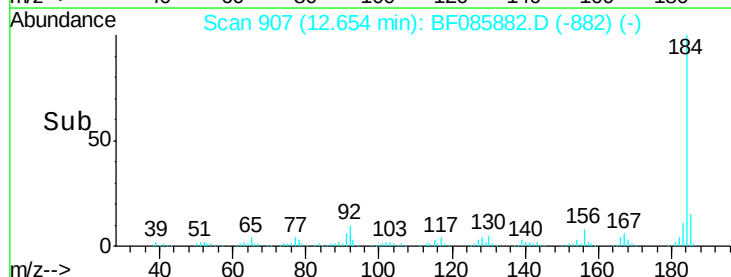
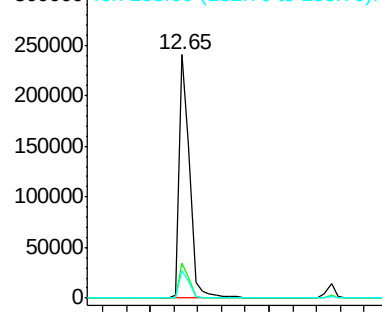
183 11.3 9.4 14.2

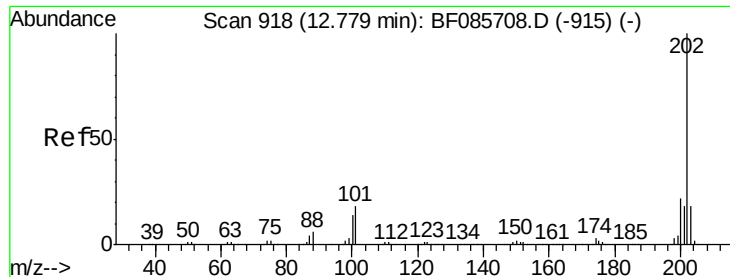


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.67 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

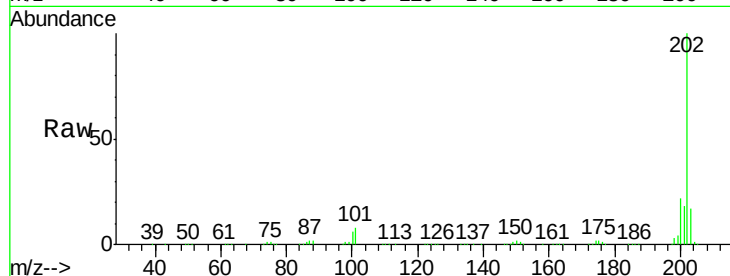
Tgt Ion: 202 Resp: 827686

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

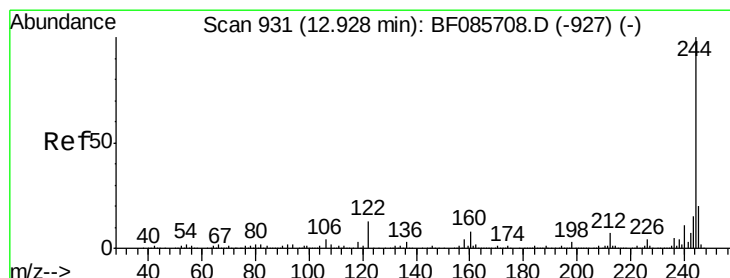
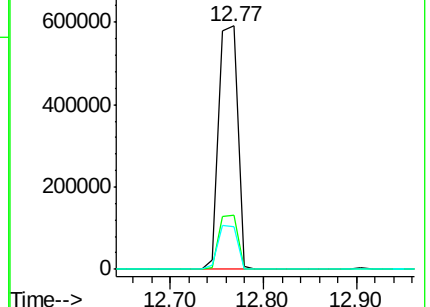
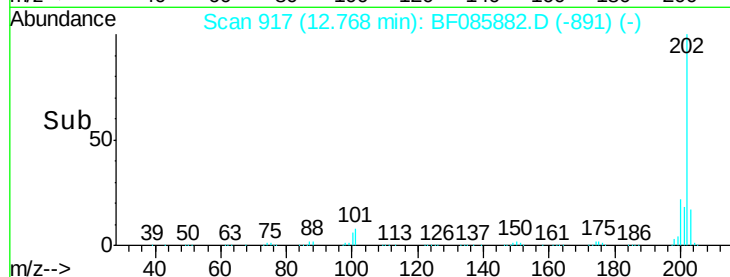
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.51 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

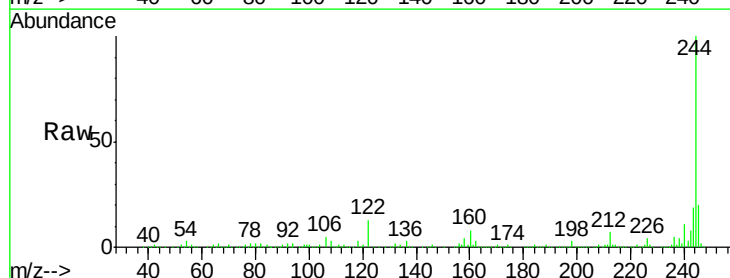
Tgt Ion: 244 Resp: 930817

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

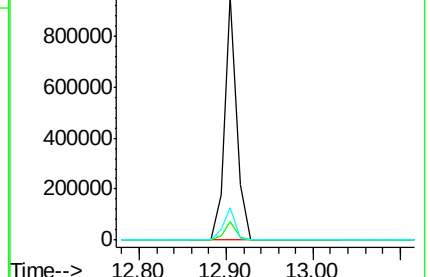
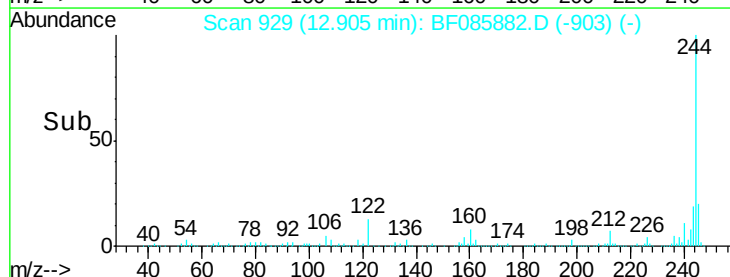
122 13.3 10.2 15.4

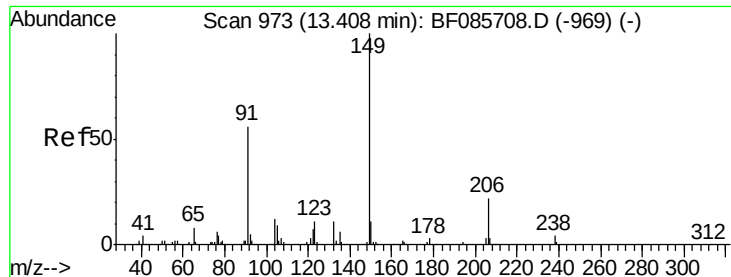


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.34 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

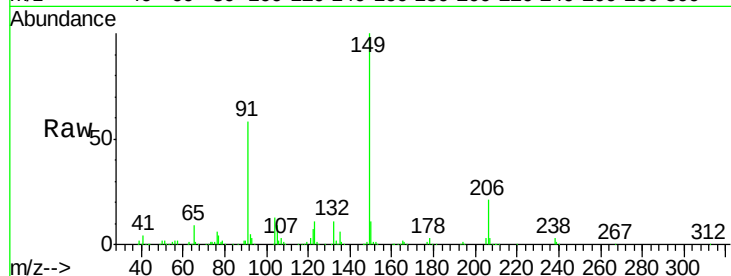
Tgt Ion:149 Resp: 397484

Ion Ratio Lower Upper

149 100

91 57.6 45.8 68.8

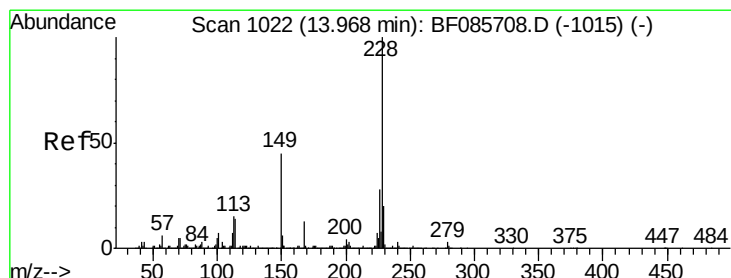
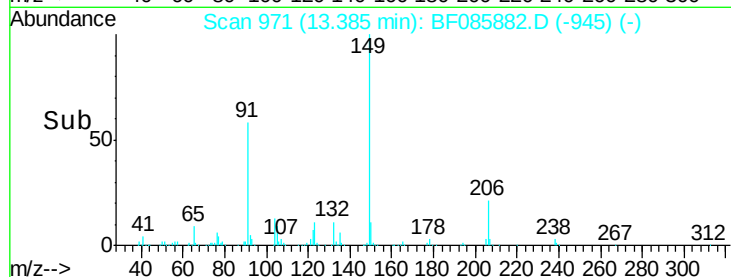
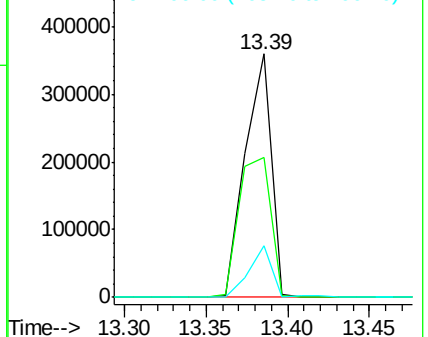
206 21.4 17.8 26.8



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: 44.57 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

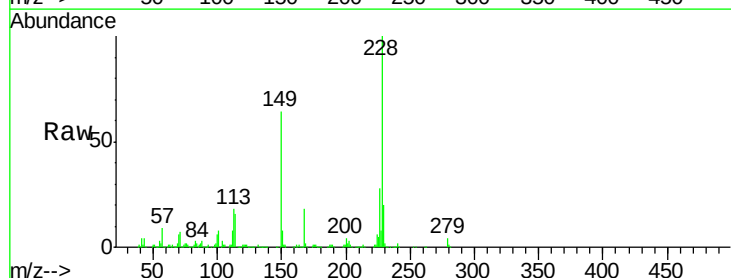
Tgt Ion:228 Resp: 661849

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

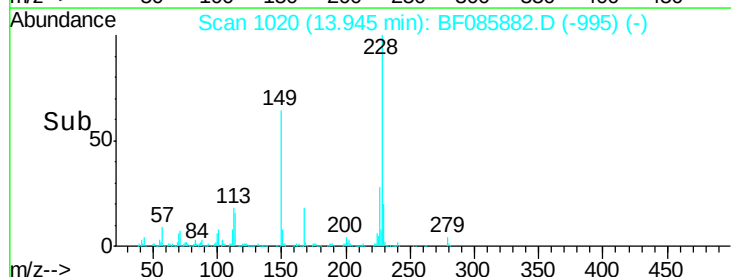
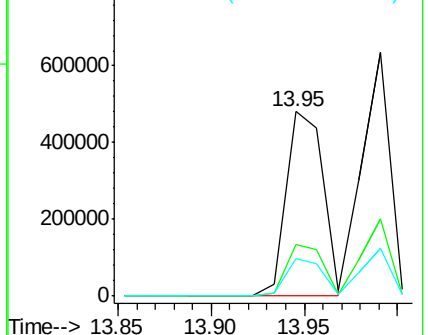
229 20.0 16.2 24.4

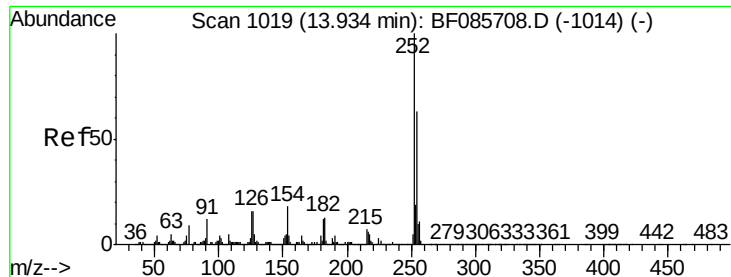


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

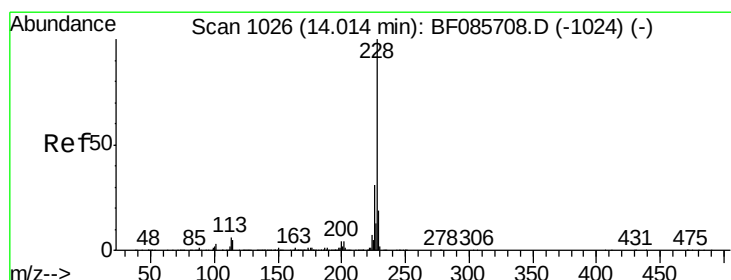
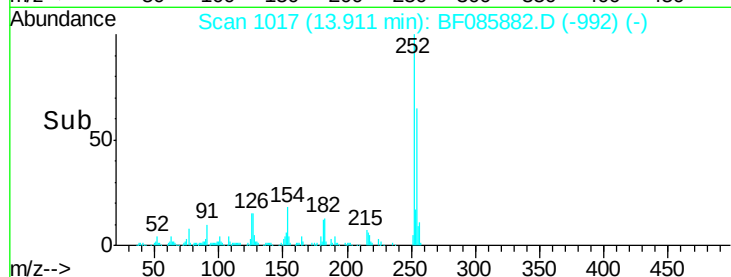
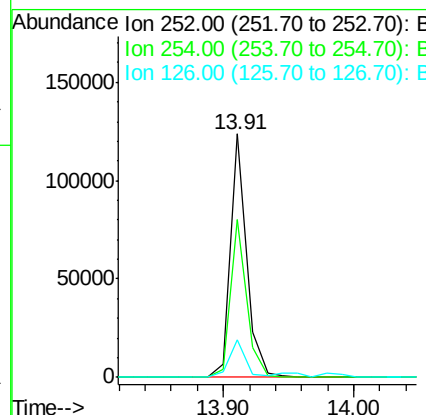
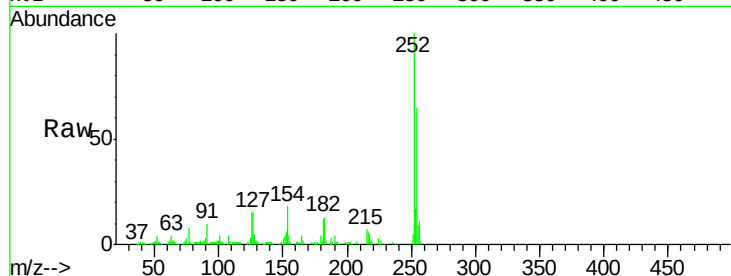




#81
 3,3'-Dichlorobenzidine
 Concen: 10.47 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

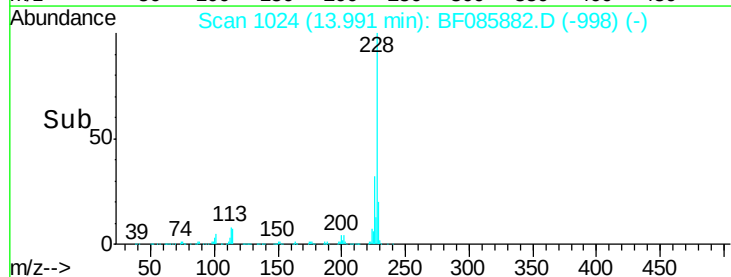
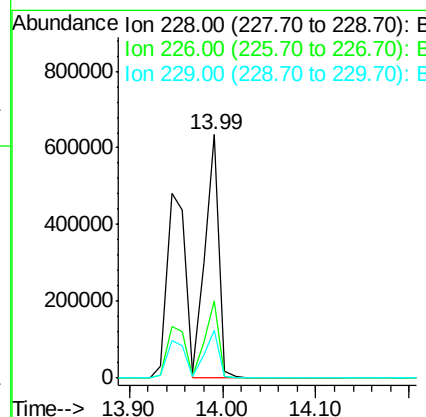
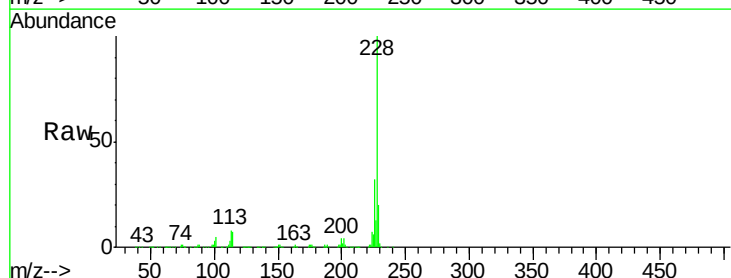
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

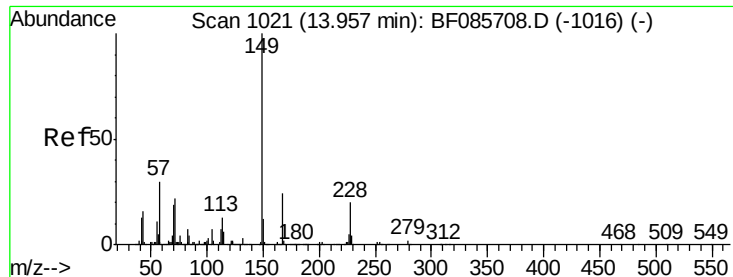
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	15.5	11.8	17.6



#82
 Chrysene
 Concen: 44.30 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.6	15.7	23.5

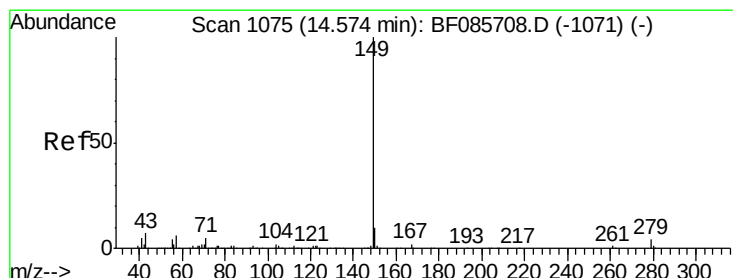
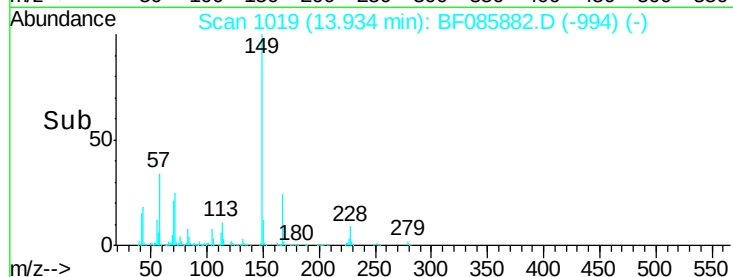
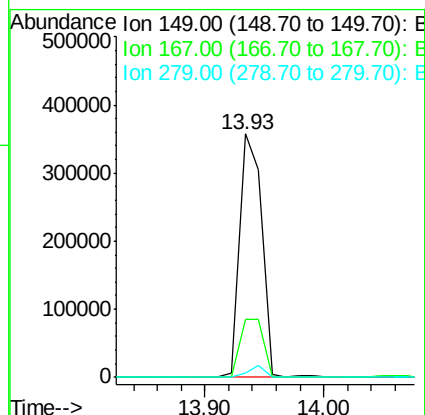
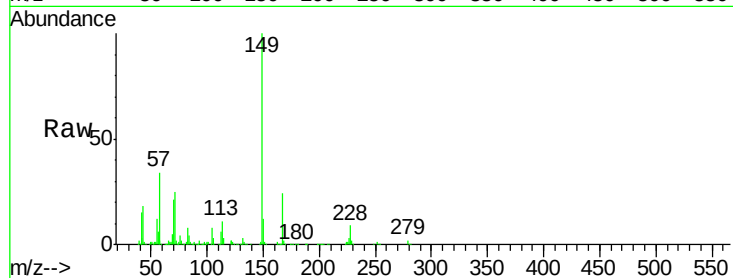




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.45 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

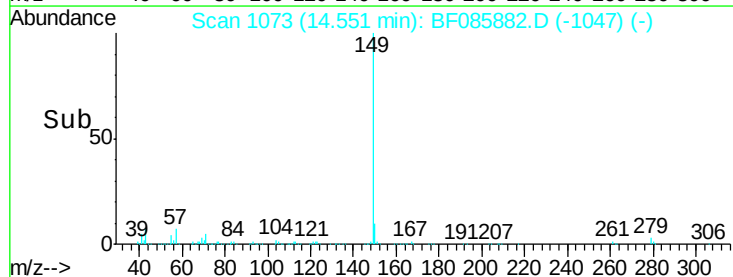
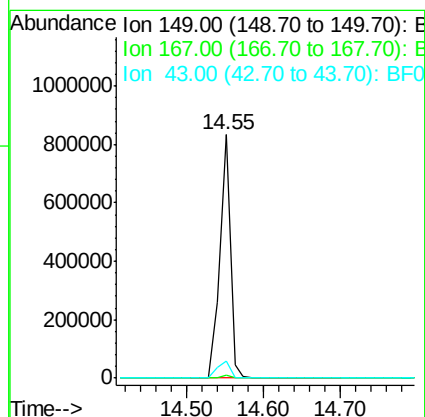
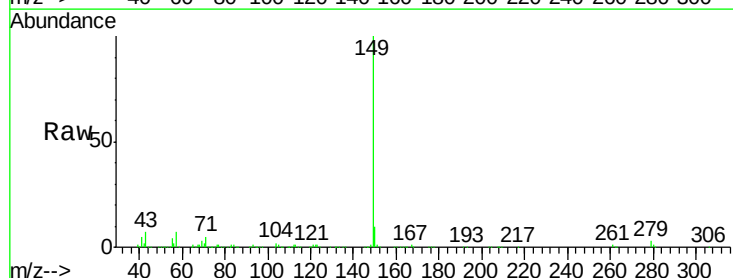
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

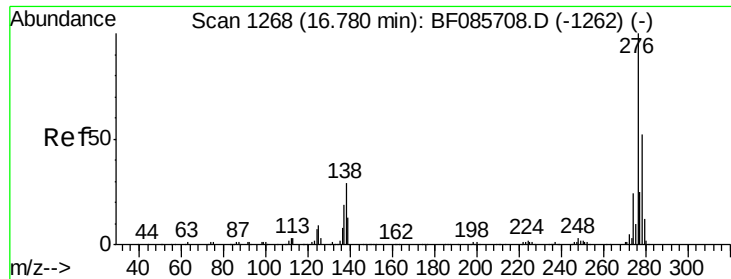
Tgt Ion:149 Resp: 466352
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.4 29.2
 279 1.6 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 49.45 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:149 Resp: 789325
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.8 7.1 10.7

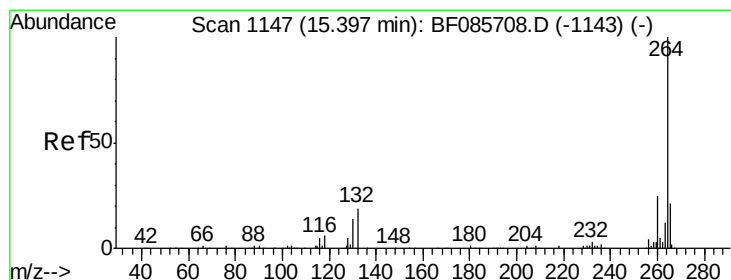
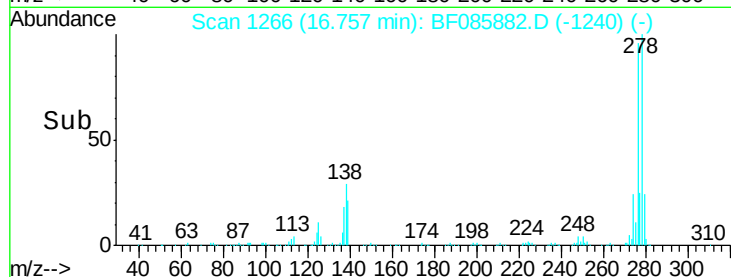
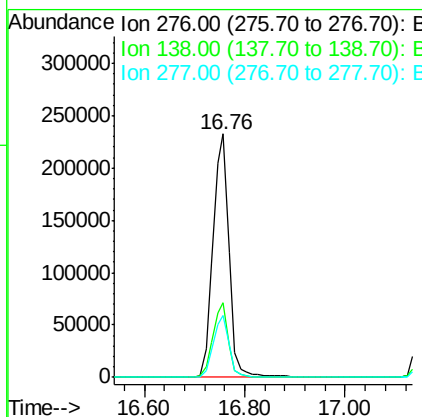
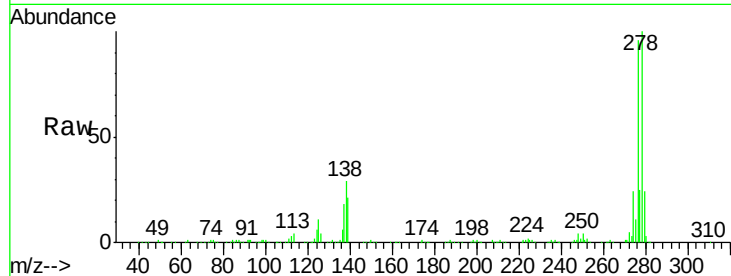




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.62 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

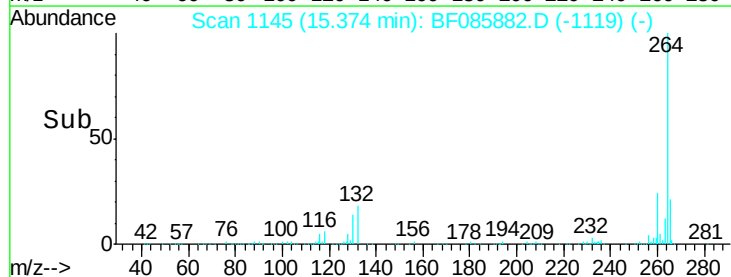
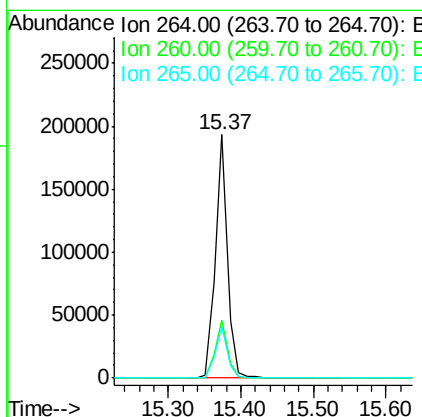
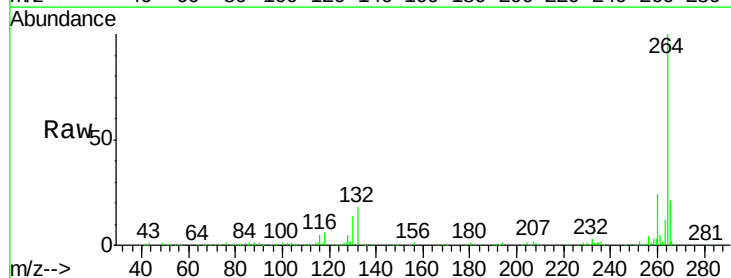
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

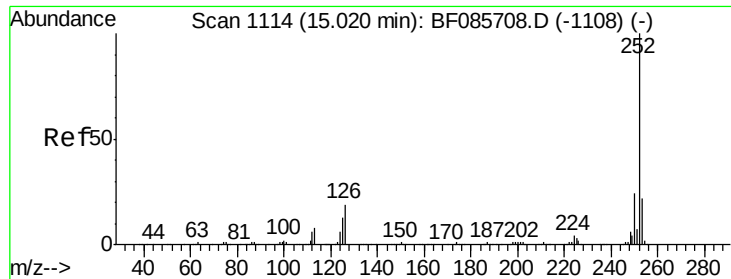
Tgt Ion:276 Resp: 515373
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion:264 Resp: 224640
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 78.87 ng

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

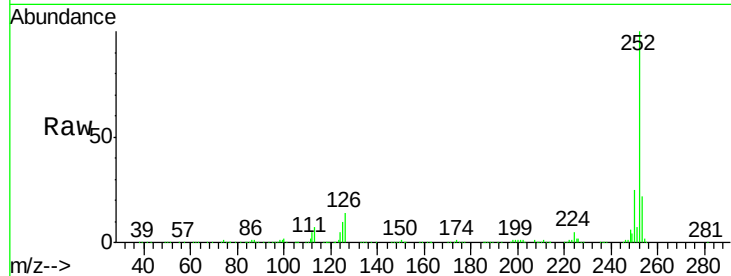
Tgt Ion:252 Resp: 1116205

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

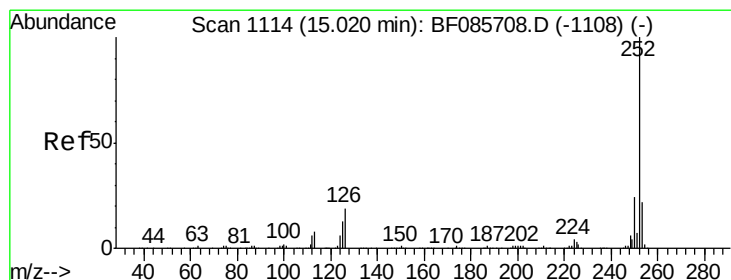
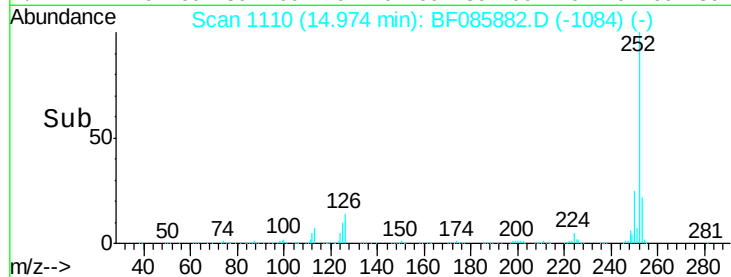
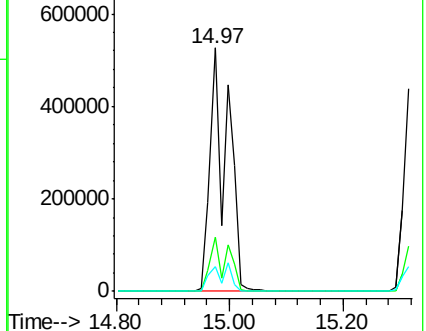
125 10.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.49 ng

RT: 14.97 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

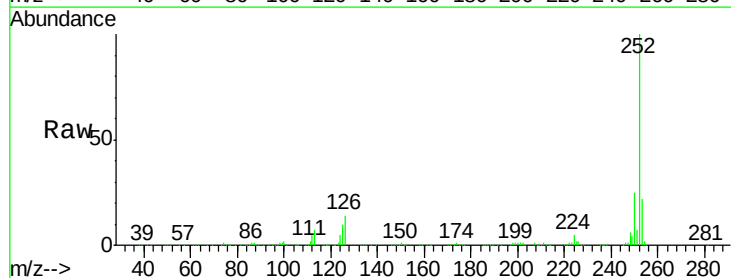
Tgt Ion:252 Resp: 1116205

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

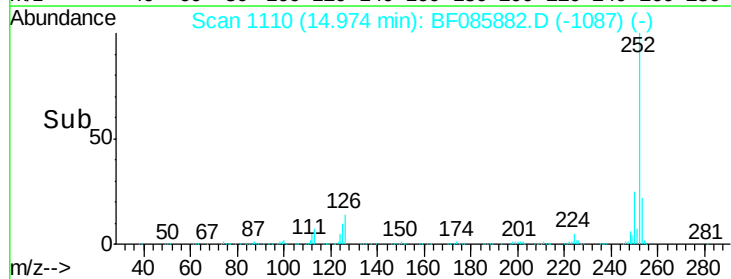
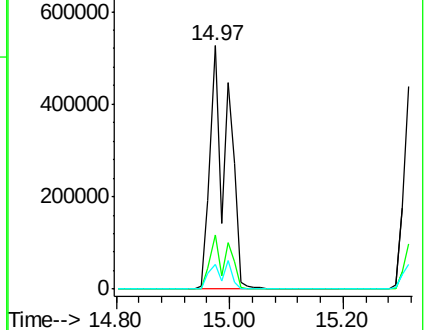
125 10.4 7.7 11.5

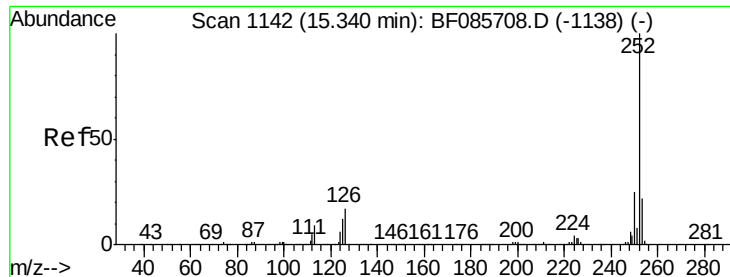


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.46 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

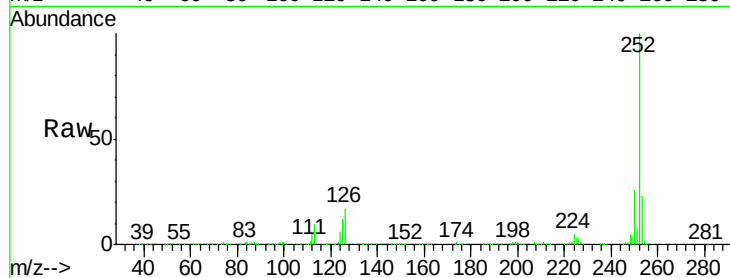
Tgt Ion:252 Resp: 533562

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

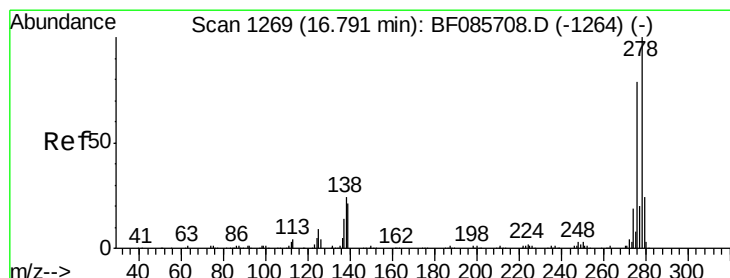
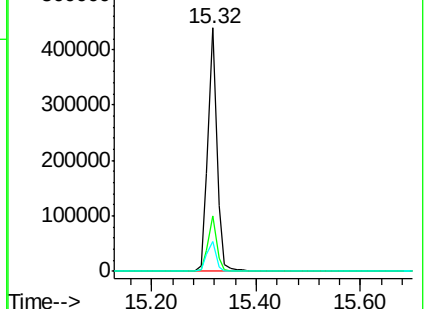
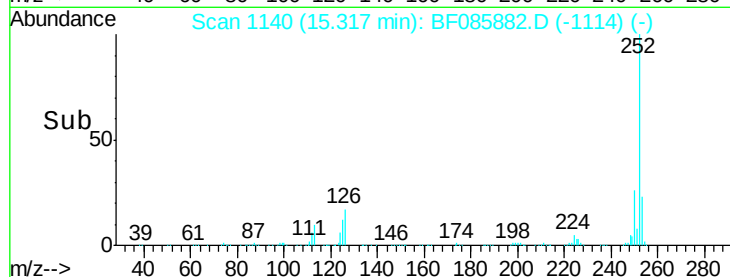
125 12.1 10.3 15.5



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: 36.75 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

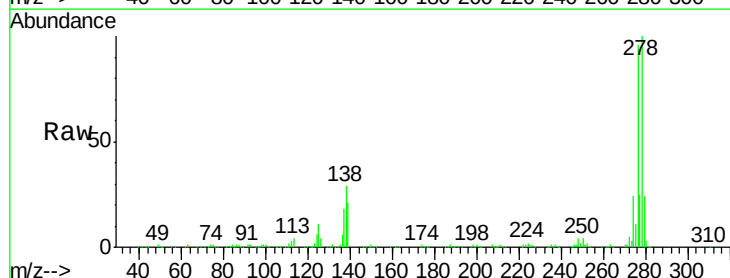
Tgt Ion:278 Resp: 429029

Ion Ratio Lower Upper

278 100

139 20.8 14.4 21.6

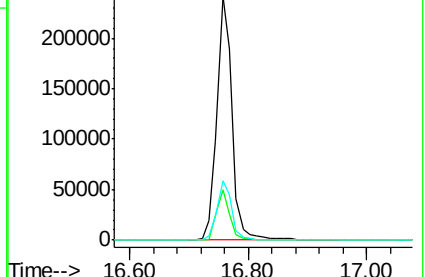
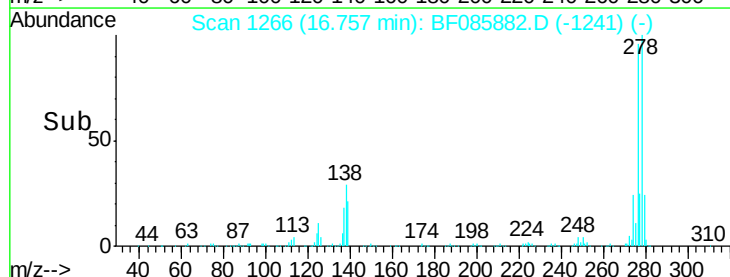
279 24.2 19.1 28.7

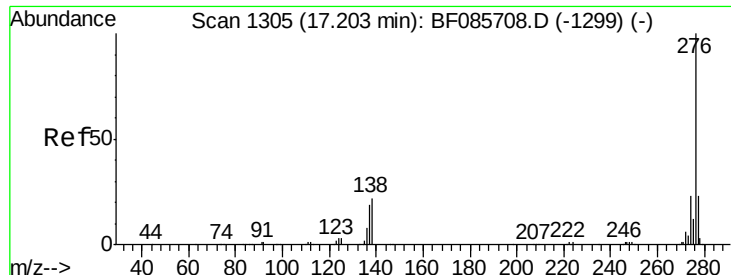


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.38 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085882.D

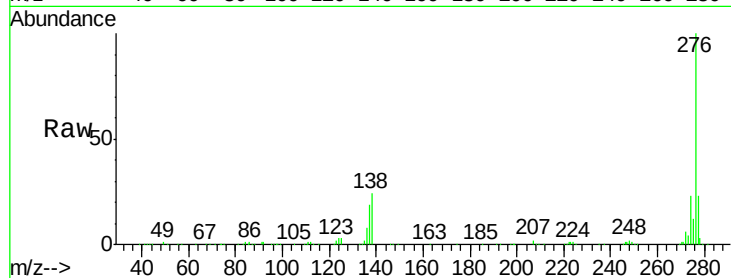
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS



Tgt Ion: 276 Resp: 430084

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.7 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

