

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088152.D
 Acq On : 19 Jun 2016 00:24
 Operator : UM/SJ
 Sample : PB91406BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Quant Time: Jun 19 07:52:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95500	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	365835	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	147951	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	227432	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	151357	20.00	ng	-0.02
86) Perylene-d12	15.21	264	131014	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	654624	117.18	ng	0.01
7) Phenol-d6	6.35	99	826115	122.02	ng	0.00
23) Nitrobenzene-d5	7.26	82	456223	72.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	128725	82.40	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	887794	94.91	ng	-0.02
78) Terphenyl-d14	12.79	244	643559	96.75	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	96119	35.41	ng	# 37
3) Pyridine	2.94	79	266699	41.61	ng	93
4) n-Nitrosodimethylamine	2.89	42	104146	38.37	ng	83
6) Aniline	6.35	93	131768	13.67	ng	# 4
8) 2-Chlorophenol	6.48	128	286505	43.33	ng	87
10) Phenol	6.36	94	312223	44.65	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	263761	44.43	ng	85
12) 1,3-Dichlorobenzene	6.86	146	273707	38.58	ng	98
13) 1,4-Dichlorobenzene	6.71	146	306199	42.85	ng	96
14) 1,2-Dichlorobenzene	6.71	146	306199	47.11	ng	99
15) Benzyl Alcohol	6.84	79	184045	34.75	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	303949	37.90	ng	73
17) 2-Methylphenol	6.97	107	219812	40.99	ng	# 94
18) Hexachloroethane	7.20	117	94952	37.44	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	187124	43.21	ng	# 81
20) 3+4-Methylphenols	7.12	107	286866	45.85	ng	# 79
22) Acetophenone	7.11	105	377664	46.19	ng	# 97
24) Nitrobenzene	7.28	77	276110	45.50	ng	96
25) Isophorone	7.52	82	490533	42.27	ng	98
26) 2-Nitrophenol	7.60	139	102088	31.40	ng	# 72
27) 2,4-Dimethylphenol	7.64	122	230640	38.53	ng	93
28) bis(2-Chloroethoxy)methane	7.74	93	345958	48.07	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	202754	40.57	ng	90
30) 1,2,4-Trichlorobenzene	7.92	180	234018	43.01	ng	99
31) Naphthalene	8.00	128	786660	43.45	ng	99
32) Benzoic acid	7.77	122	56409	17.12	ng	97
33) 4-Chloroaniline	8.06	127	83412	10.32	ng	# 92
34) Hexachlorobutadiene	8.11	225	122085	42.54	ng	99
35) Caprolactam	8.43	113	61934	37.42	ng	87
36) 4-Chloro-3-methylphenol	8.56	107	204897	38.34	ng	89
37) 2-Methylnaphthalene	8.68	142	466597	39.10	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211962	64.24	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	23567	9.88	ng	100
42) 2,4,6-Trichlorophenol	8.98	196	124348	42.03	ng	99

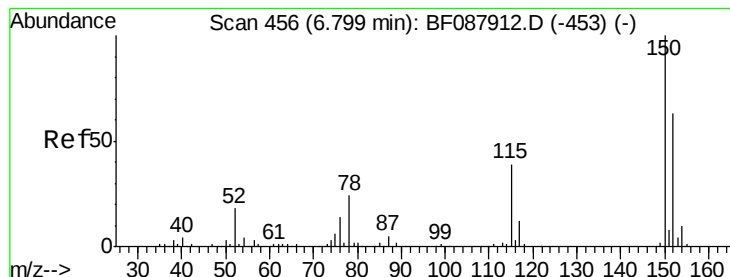
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	117760	38.26	ng	99
45) 1,1'-Biphenyl	9.15	154	572894	52.64	ng	98
46) 2-Chloronaphthalene	9.18	162	435069	45.44	ng	98
47) 2-Nitroaniline	9.28	65	125778	44.53	ng	# 85
48) Acenaphthylene	9.59	152	652656	42.86	ng	99
49) Dimethylphthalate	9.46	163	552488	51.55	ng	99
50) 2,6-Dinitrotoluene	9.52	165	90900	37.04	ng	# 68
51) Acenaphthene	9.76	154	389210	40.97	ng	99
52) 3-Nitroaniline	9.69	138	116628	41.18	ng	89
53) 2,4-Dinitrophenol	9.80	184	8297	10.44	ng	91
54) Dibenzofuran	9.93	168	557052	42.58	ng	92
55) 4-Nitrophenol	9.87	139	86108	39.17	ng	88
56) 2,4-Dinitrotoluene	9.92	165	96555	30.61	ng	# 50
57) Fluorene	10.27	166	427122	48.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88712	36.67	ng	# 61
59) Diethylphthalate	10.16	149	519772	47.91	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	174172	40.03	ng	93
61) 4-Nitroaniline	10.31	138	113190	42.13	ng	82
62) Azobenzene	10.42	77	438725	40.90	ng	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	10466	9.20	ng	92
65) n-Nitrosodiphenylamine	10.39	169	377610	50.04	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	123389	50.57	ng	96
67) Hexachlorobenzene	10.82	284	117459	46.33	ng	# 71
68) Atrazine	10.91	200	88655	38.79	ng	91
69) Pentachlorophenol	11.02	266	65007	48.65	ng	96
70) Phenanthrene	11.22	178	546670	45.81	ng	99
71) Anthracene	11.28	178	580594	48.23	ng	99
72) Carbazole	11.44	167	536795	47.65	ng	99
73) Di-n-butylphthalate	11.77	149	661470	46.38	ng	100
74) Fluoranthene	12.41	202	554227	44.01	ng	98
76) Benzidine	12.54	184	198911	47.46	ng	98
77) Pyrene	12.64	202	561792	50.02	ng	99
79) Butylbenzylphthalate	13.26	149	262878	52.94	ng	# 83
80) Benzo(a)anthracene	13.82	228	414693	48.08	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	118111	50.92	ng	99
82) Chrysene	13.86	228	442978	54.59	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	347014	57.41	ng	98
84) Di-n-octyl phthalate	14.43	149	645536	65.72	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	337806	44.81	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	747114	81.82	ng	# 96
88) Benzo(k)fluoranthene	14.86	252	747114	108.46	ng	98
89) Benzo(a)pyrene	15.15	252	346128	46.85	ng	99
90) Dibenzo(a,h)anthracene	16.53	278	285516	41.61	ng	98
91) Benzo(g,h,i)perylene	16.90	276	286074	40.53	ng	99

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

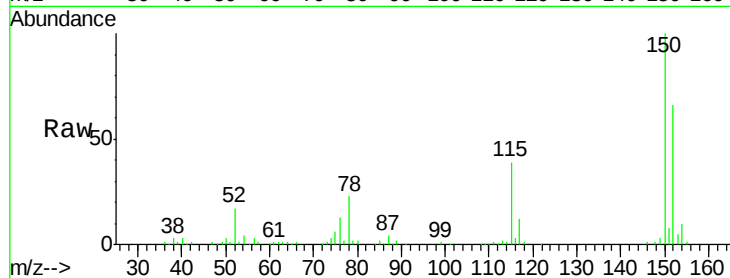


#1

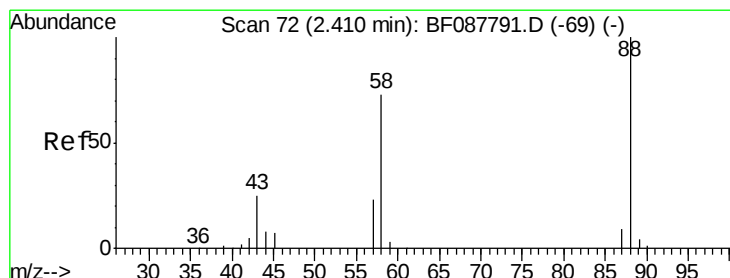
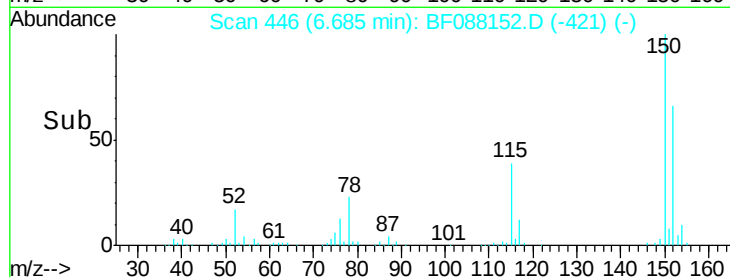
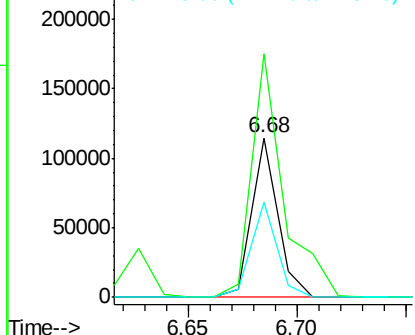
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:152 Resp: 95500
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 59.5 39.6 59.4#



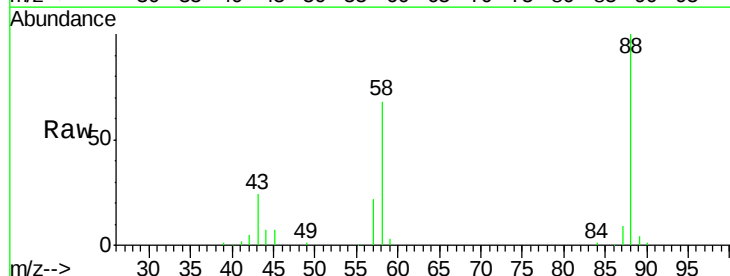
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



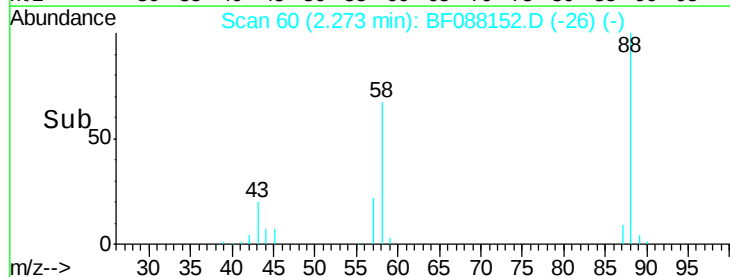
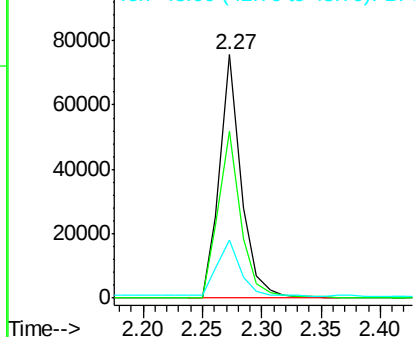
#2

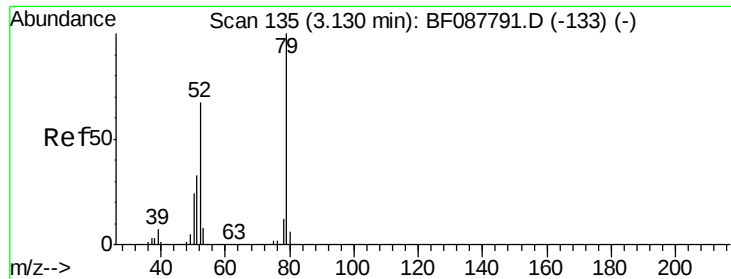
1,4-Dioxane
Concen: 35.41 ng
RT: 2.27 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion: 88 Resp: 96119
Ion Ratio Lower Upper
88 100
58 72.0 0.0 0.0#
43 24.9 3.4 5.2#



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: 41.61 ng

RT: 2.94 min Scan# 118

Delta R.T. 0.09 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

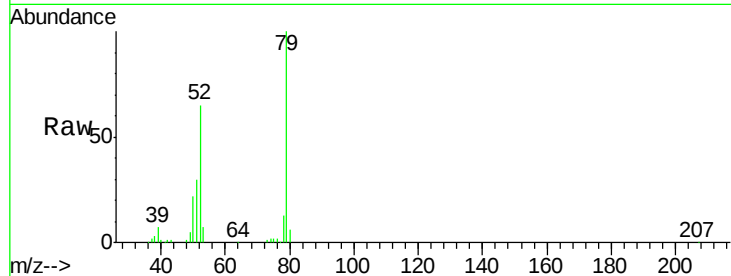
Tgt Ion: 79 Resp: 266699

Ion Ratio Lower Upper

79 100

52 64.6 56.3 84.5

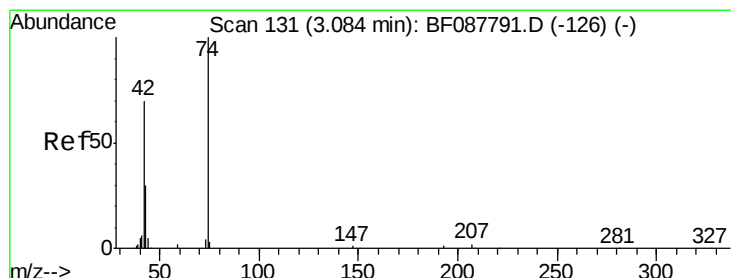
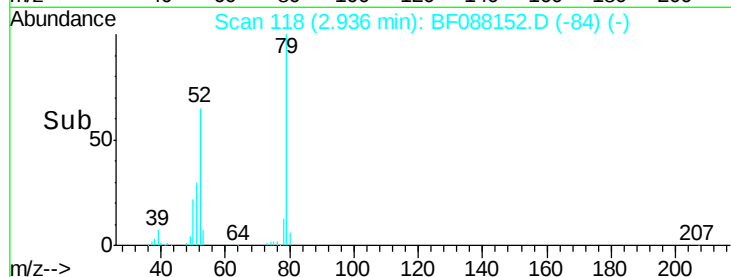
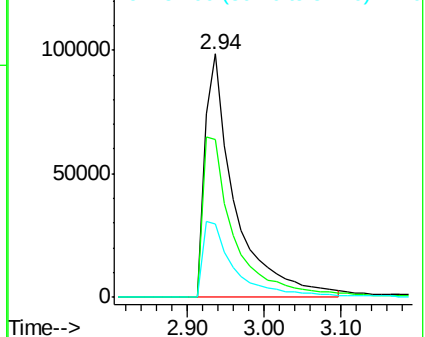
51 29.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.37 ng

RT: 2.89 min Scan# 114

Delta R.T. 0.08 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

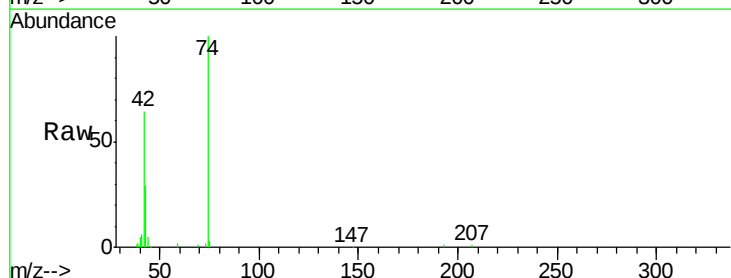
Tgt Ion: 42 Resp: 104146

Ion Ratio Lower Upper

42 100

74 156.7 108.6 163.0

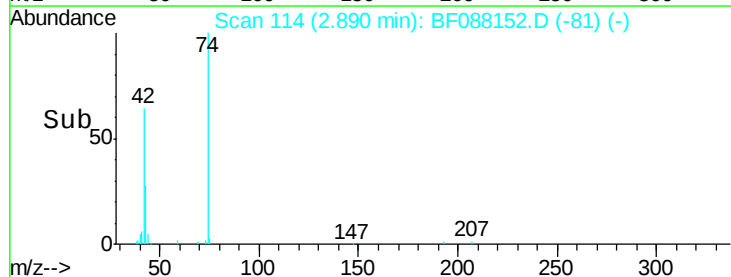
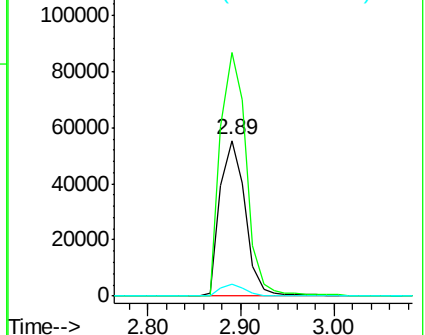
44 7.3 5.5 8.3

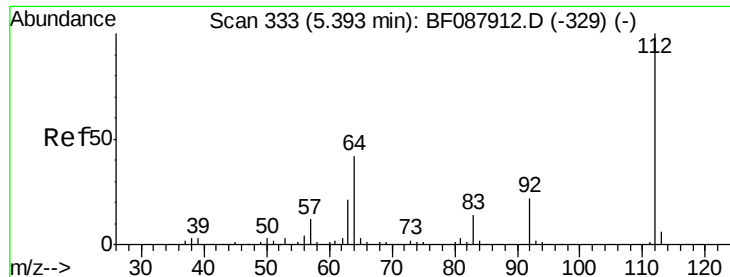


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.18 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

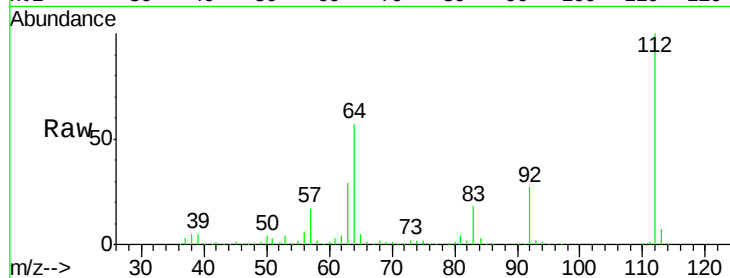
Instrument :

BNA_F

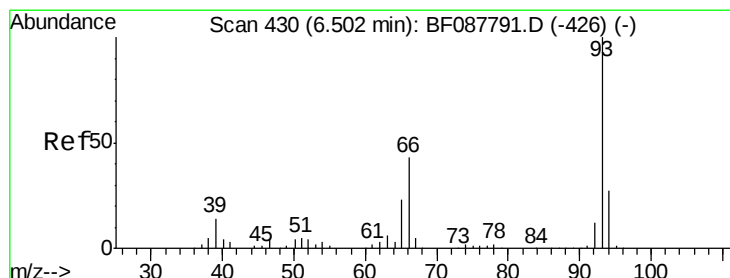
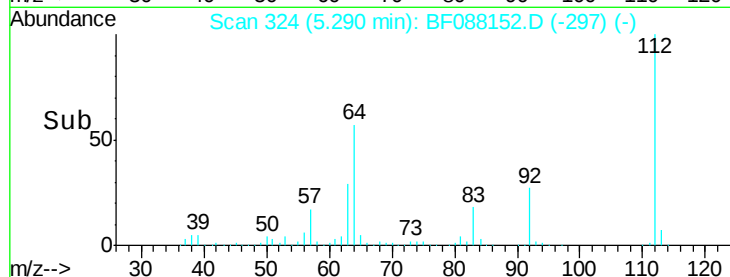
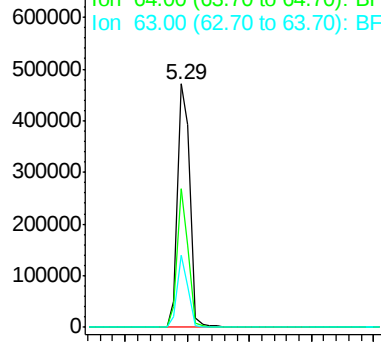
ClientSampleId :

PB91406BS

Tgt Ion:	112	Resp:	654624
Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.2	63.2
63	29.4	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 13.67 ng

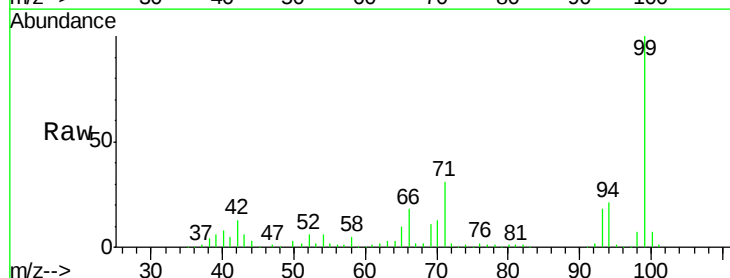
RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

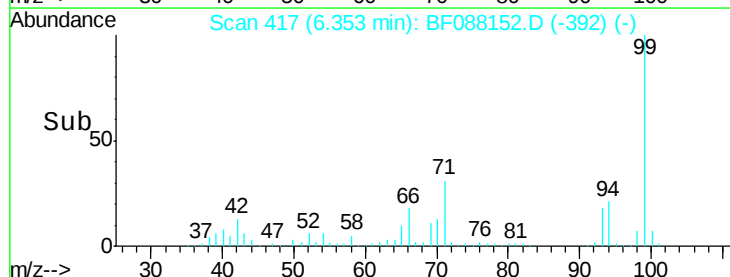
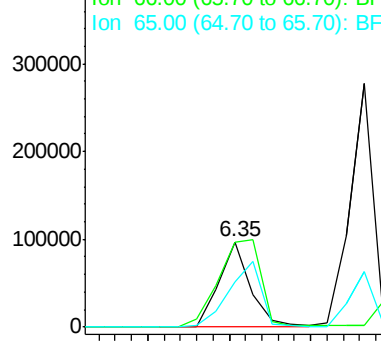
Lab File: BF088152.D

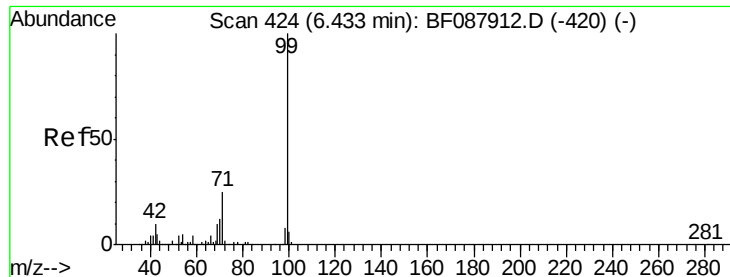
Acq: 19 Jun 2016 00:24

Tgt Ion:	93	Resp:	131768
Ion	Ratio	Lower	Upper
93	100		
66	100.4	29.8	44.8#
65	52.8	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.02 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

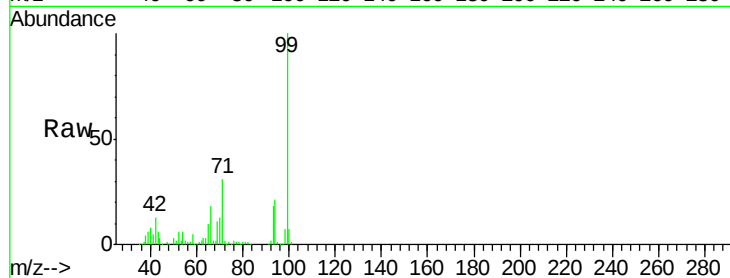
Tgt Ion: 99 Resp: 826115

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

71 31.1 23.4 35.0



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

600000

400000

200000

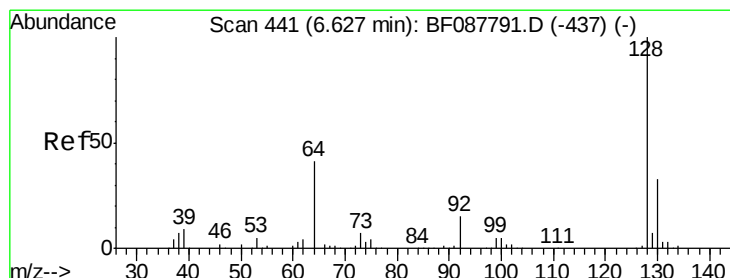
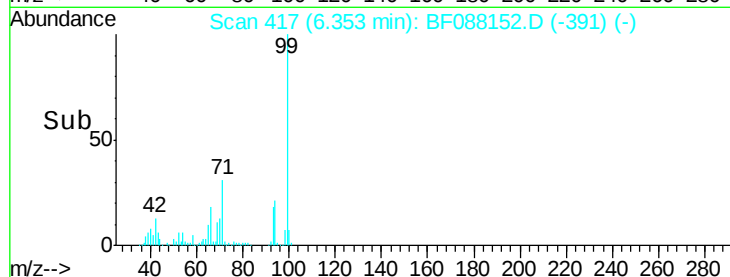
0

6.35

6.30

6.40

Time-->



#8

2-Chlorophenol

Concen: 43.33 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

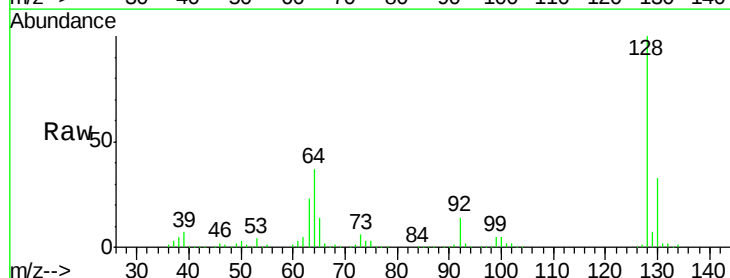
Tgt Ion: 128 Resp: 286505

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 36.9 30.8 70.8



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

400000

300000

200000

100000

0

6.48

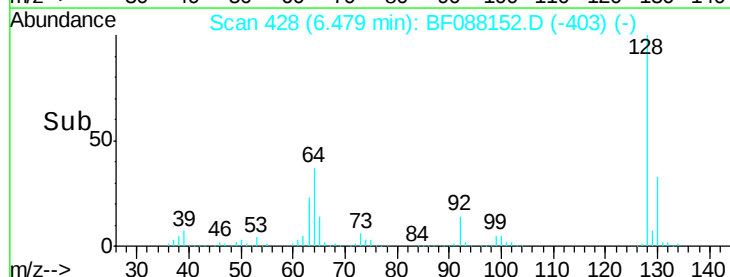
6.40

6.45

6.50

6.55

Time-->





#10

Phenol

Concen: 44.65 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

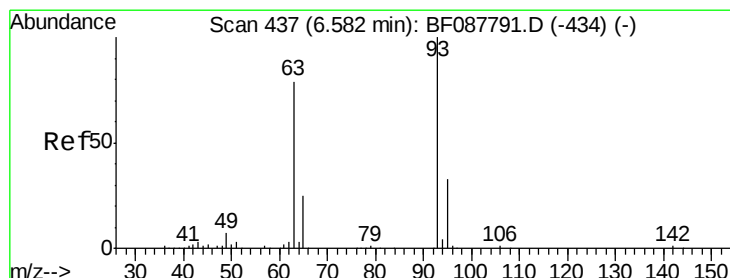
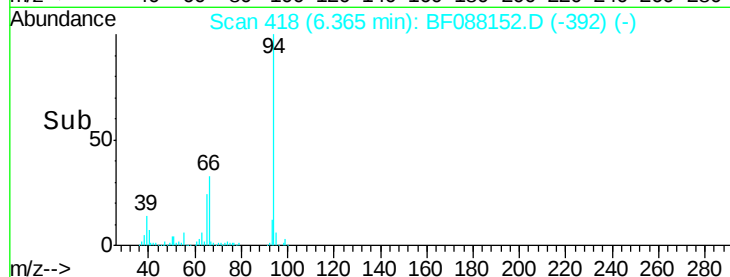
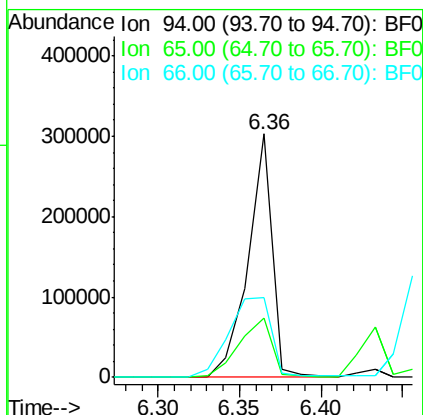
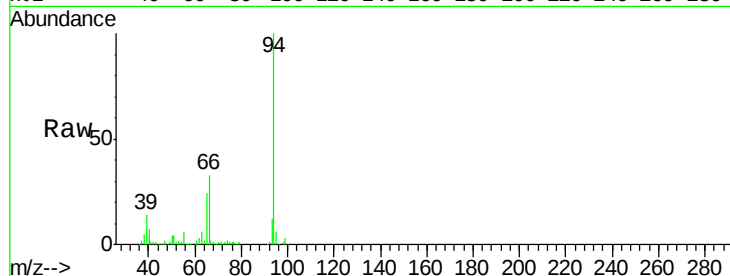
Tgt Ion: 94 Resp: 312223

Ion Ratio Lower Upper

94 100

65 24.5 5.9 45.9

66 33.0 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 44.43 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

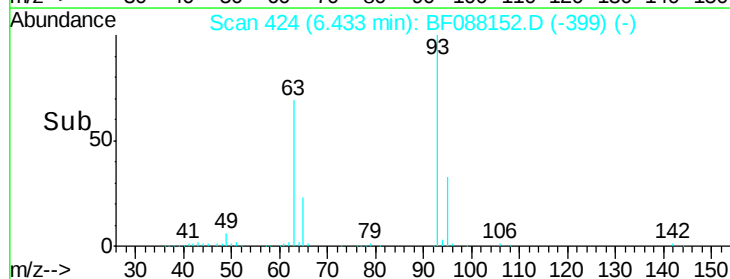
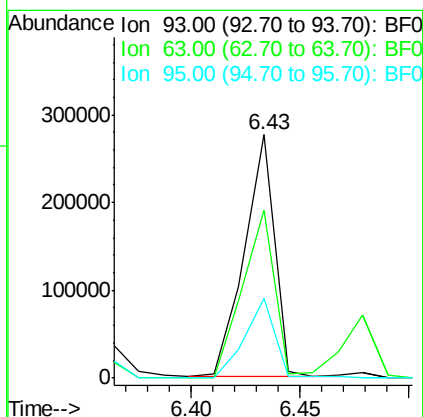
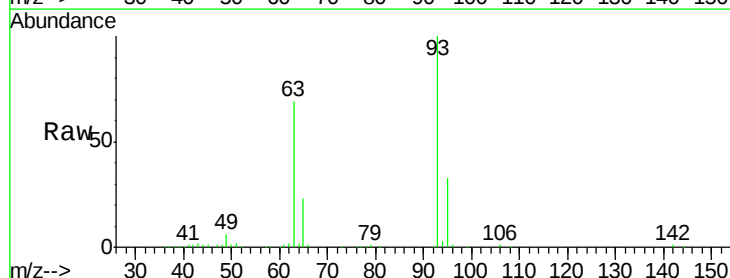
Tgt Ion: 93 Resp: 263761

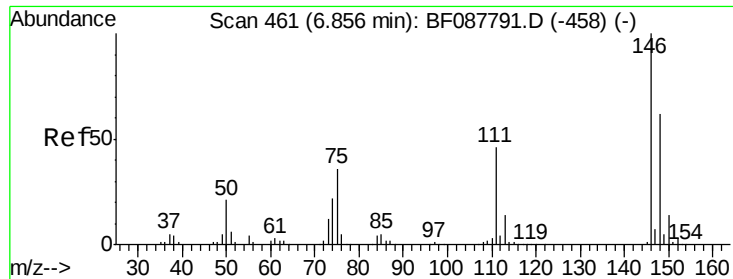
Ion Ratio Lower Upper

93 100

63 69.2 67.6 107.6

95 32.9 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 38.58 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.22 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

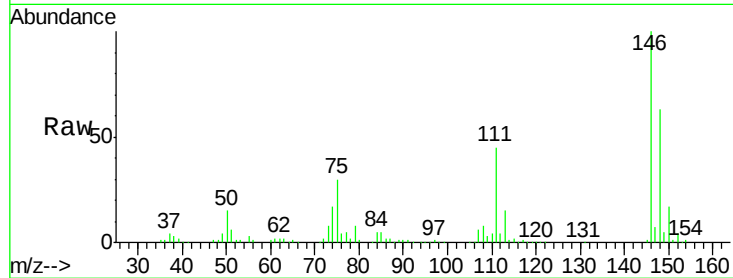
Tgt Ion:146 Resp: 273707

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

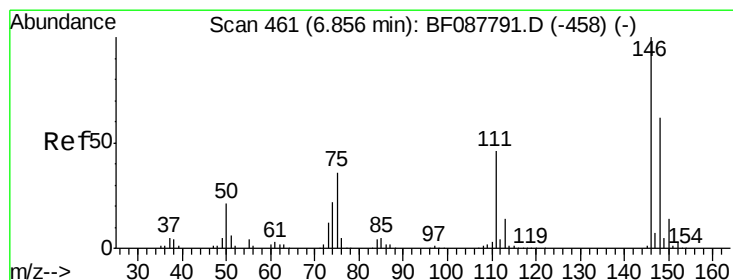
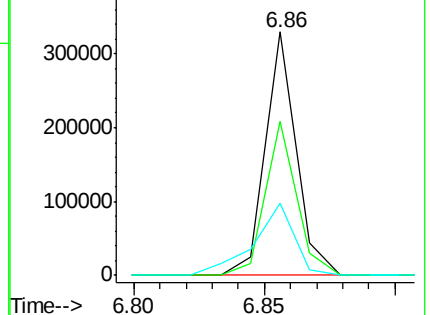
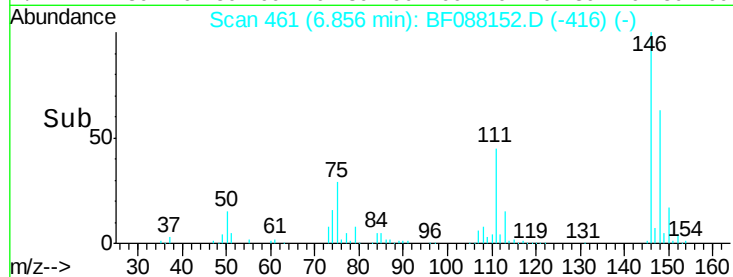
75 29.7 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 42.85 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

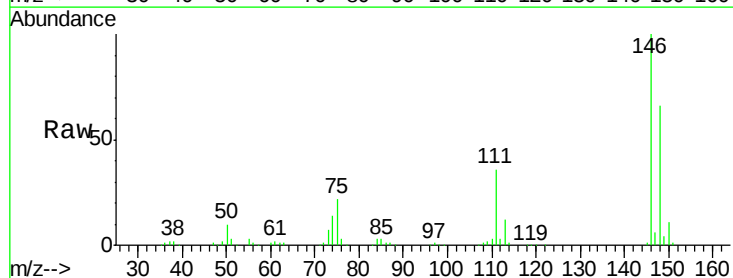
Tgt Ion:146 Resp: 306199

Ion Ratio Lower Upper

146 100

148 65.7 52.0 78.0

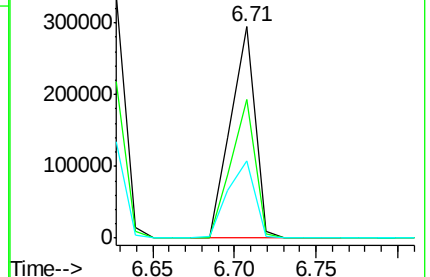
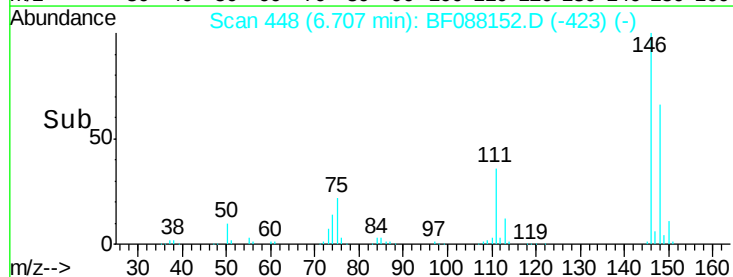
111 36.4 33.8 50.8

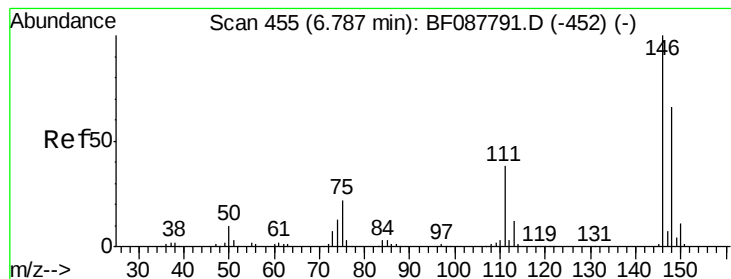


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 47.11 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.16 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

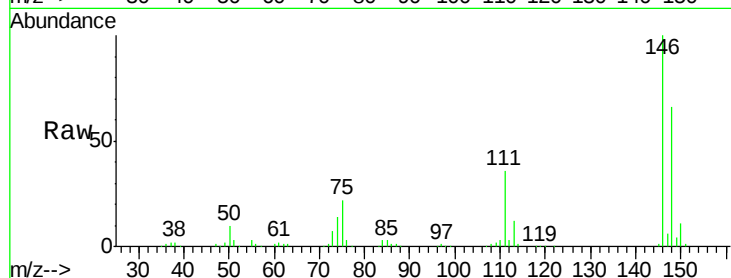
Tgt Ion:146 Resp: 306199

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

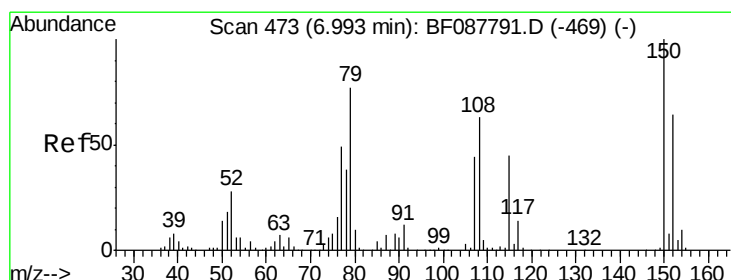
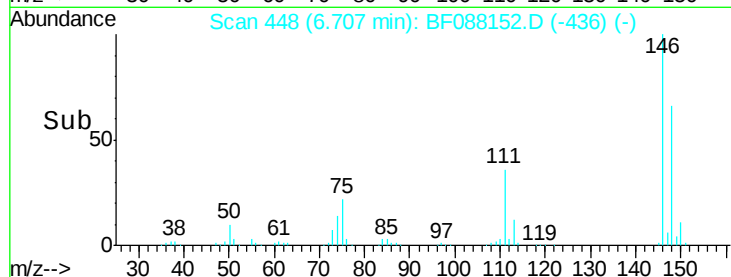
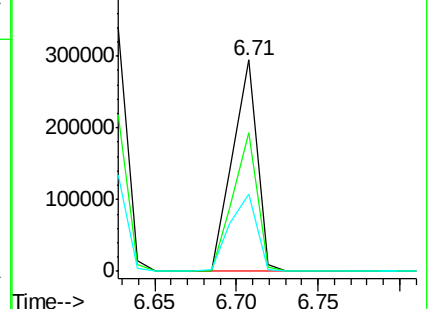
111 36.4 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 34.75 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

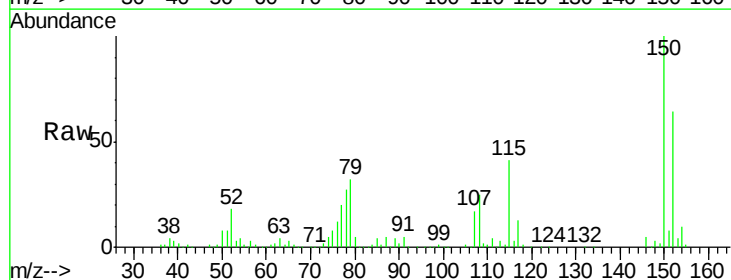
Tgt Ion: 79 Resp: 184045

Ion Ratio Lower Upper

79 100

108 77.5 65.0 97.6

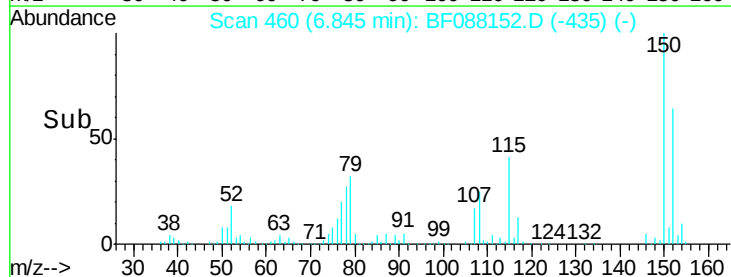
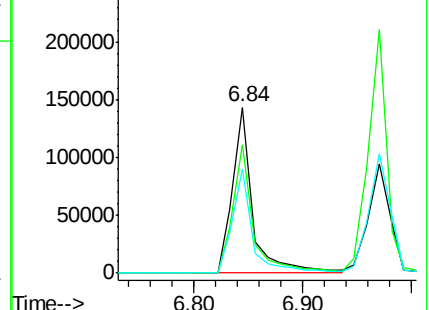
77 63.1 50.3 75.5

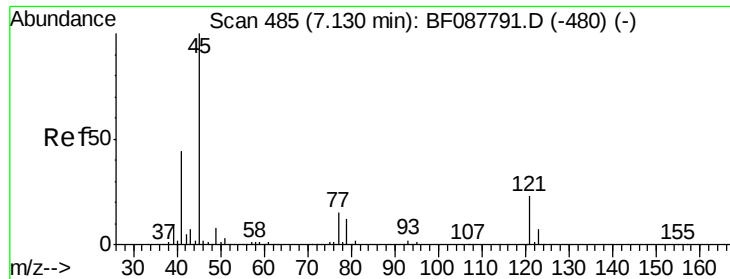


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

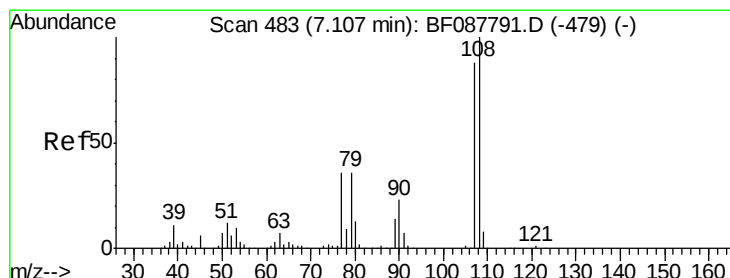
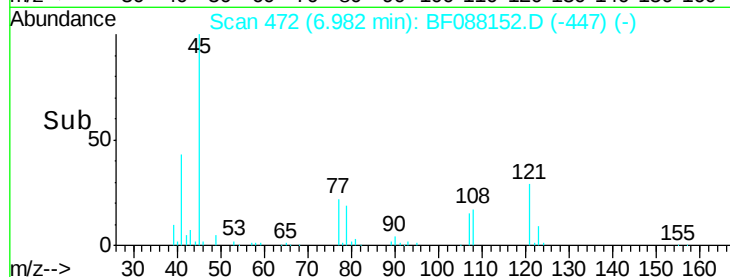
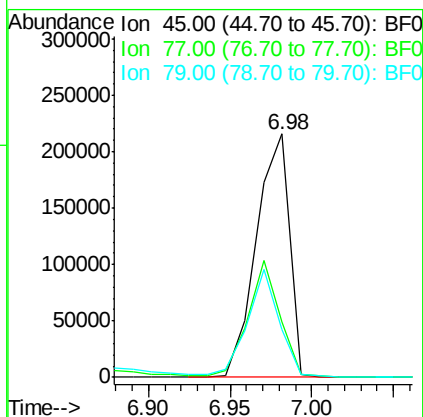
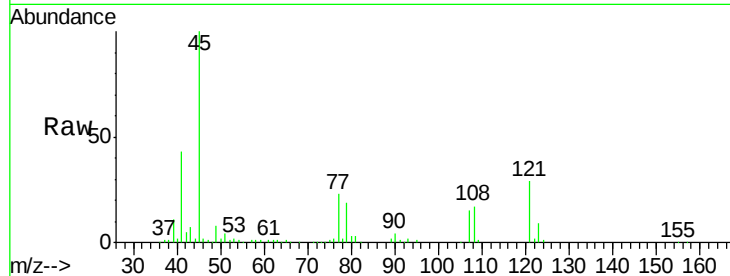




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.90 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

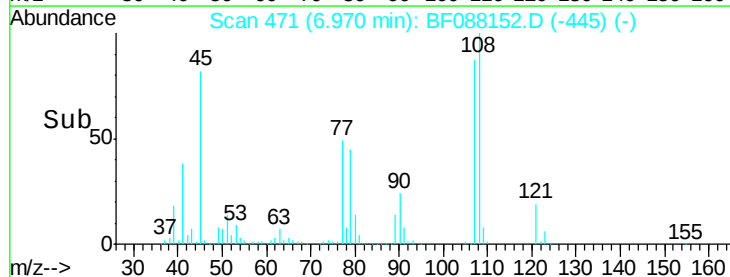
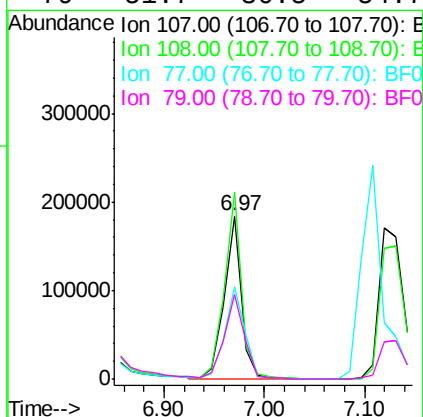
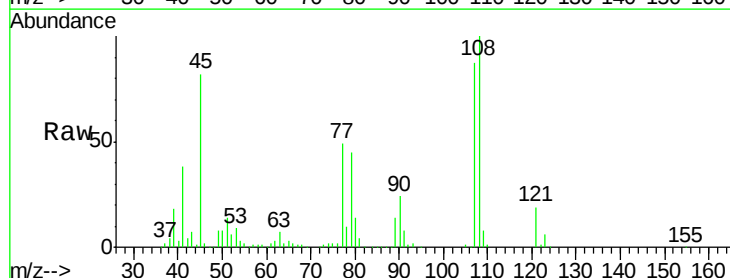
Instrument :
BNA_F
ClientSampleId :
PB91406BS

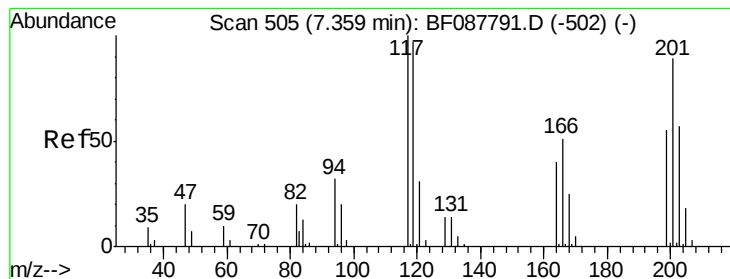
Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	32.5
79	19.5	0.0	29.5



#17
2-Methylphenol
Concen: 40.99 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.9	136.3
77	56.2	36.6	55.0#
79	51.7	36.5	54.7





#18

Hexachloroethane

Concen: 37.44 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

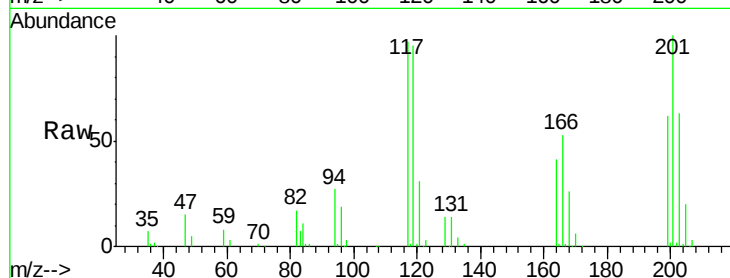
Tgt Ion: 117 Resp: 94952

Ion Ratio Lower Upper

117 100

119 98.0 77.4 116.2

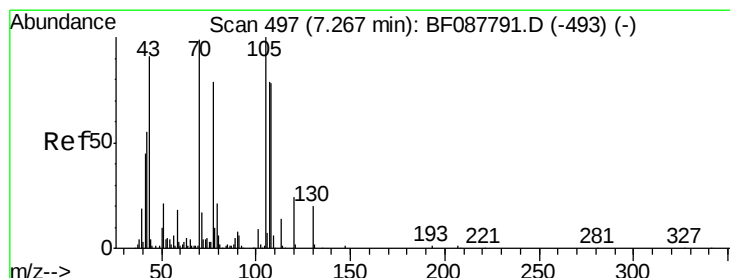
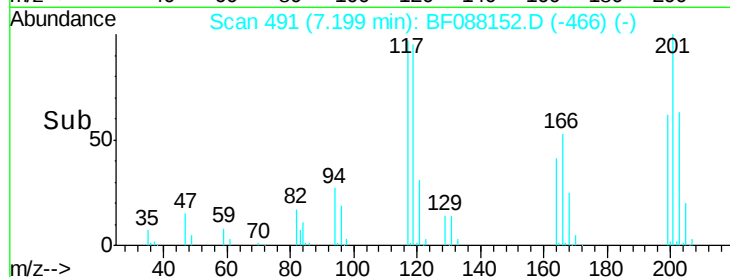
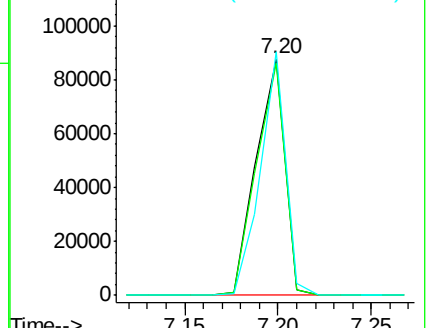
201 103.0 80.4 120.6



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: 43.21 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion: 70 Resp: 187124

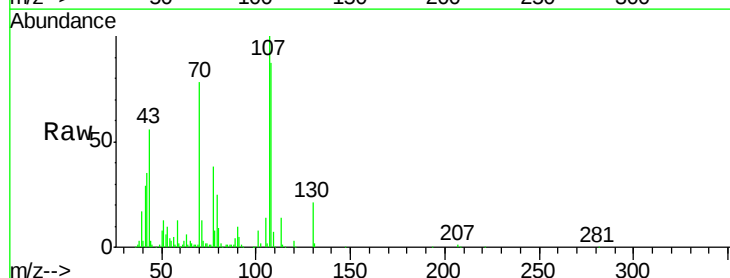
Ion Ratio Lower Upper

70 100

42 45.4 49.6 74.4#

101 10.8 7.1 10.7#

130 27.3 15.4 23.2#

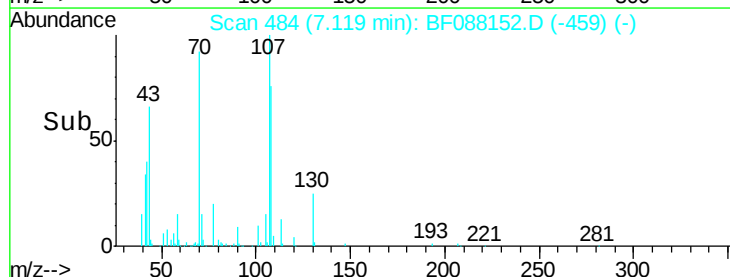
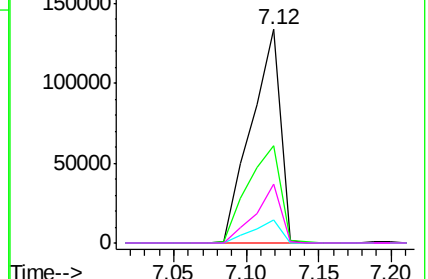


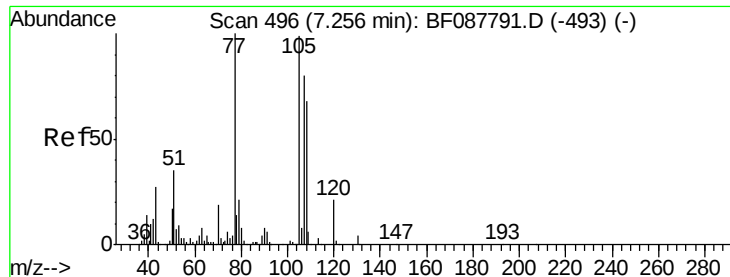
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

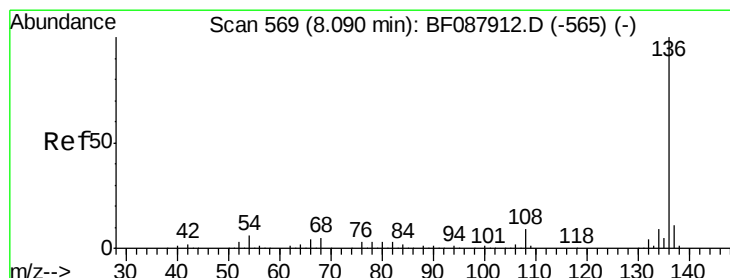
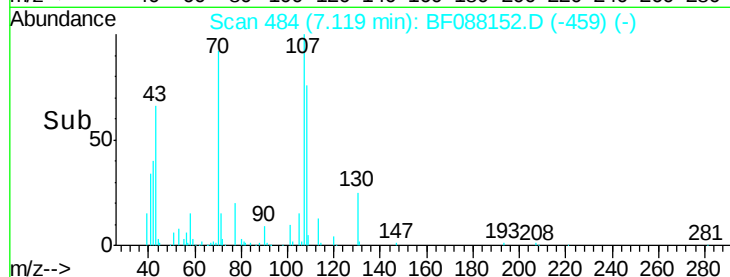
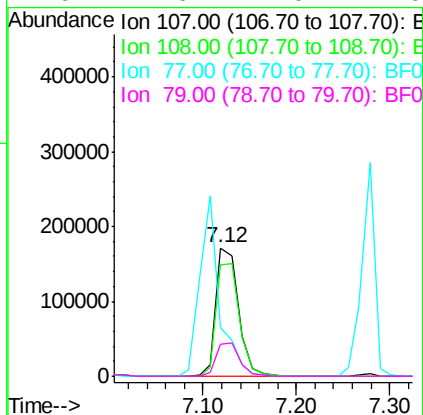
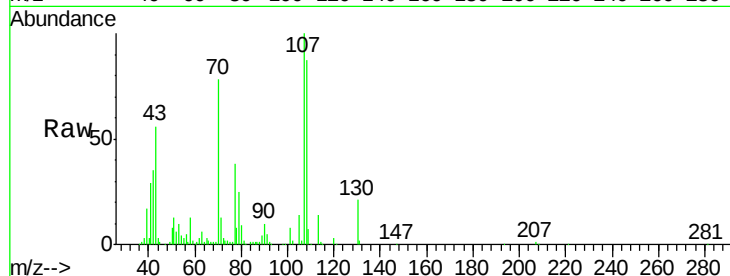




#20
3+4-Methylphenols
Concen: 45.85 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

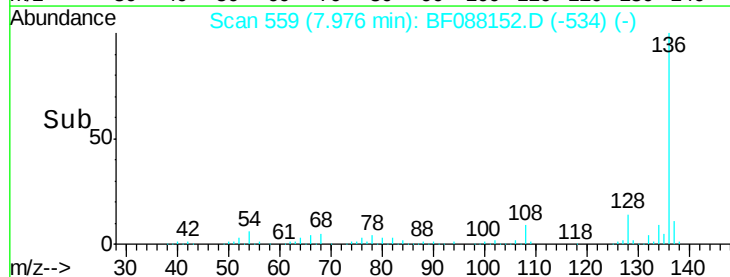
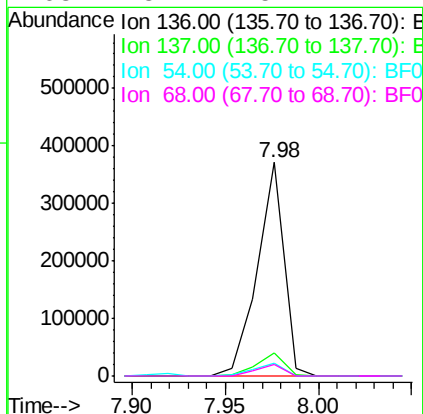
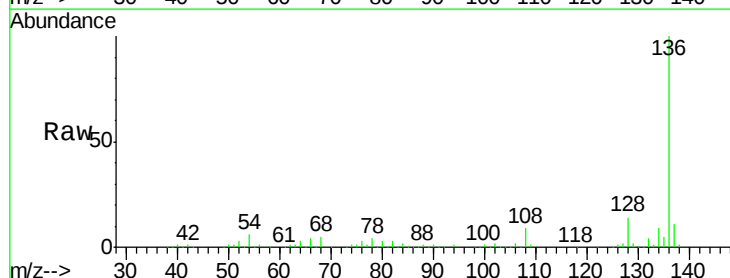
Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:107 Resp: 286866
Ion Ratio Lower Upper
107 100
108 86.6 67.8 107.8
77 37.5 59.3 99.3#
79 24.6 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:136 Resp: 365835
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.0 6.6 10.0#
68 5.2 5.1 7.7





#22

Acetophenone

Concen: 46.19 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tgt Ion: 105 Resp: 377664

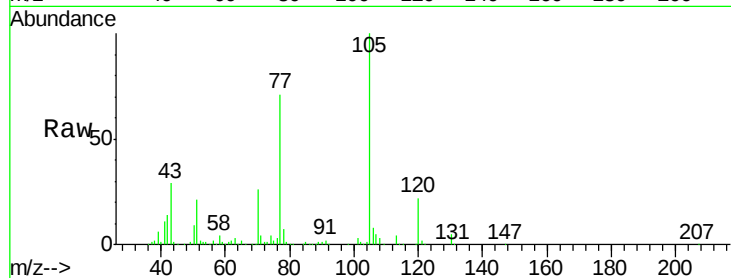
Ion Ratio Lower Upper

105 100

71 4.4 5.3 7.9#

51 21.3 18.2 27.4

120 22.0 18.0 27.0

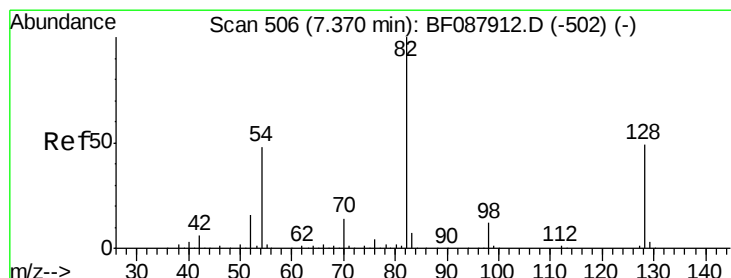
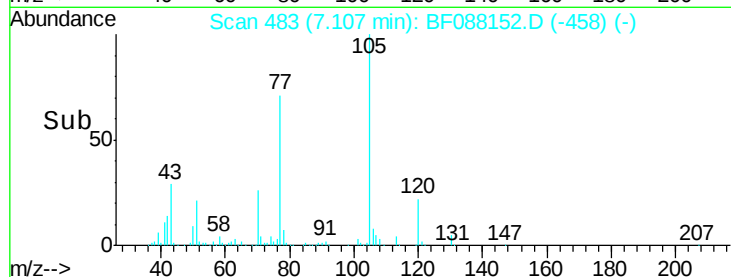
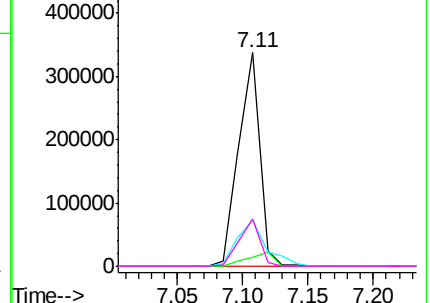


Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.82 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

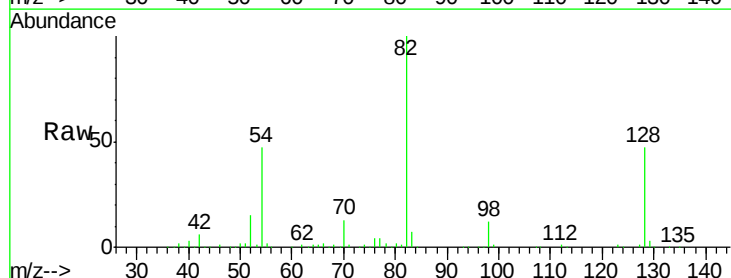
Tgt Ion: 82 Resp: 456223

Ion Ratio Lower Upper

82 100

128 46.8 35.9 53.9

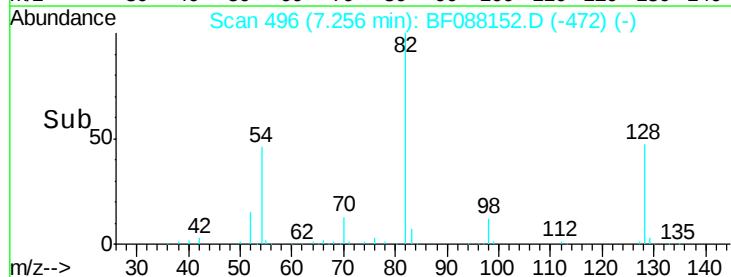
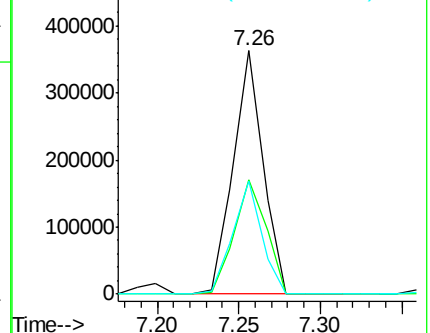
54 46.6 40.9 61.3

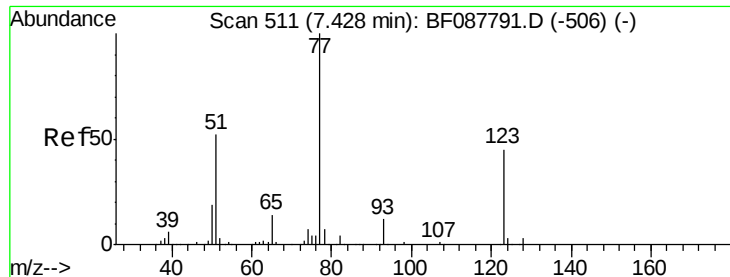


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 45.50 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

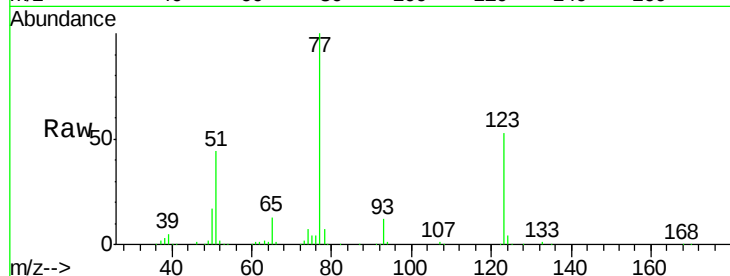
Tgt Ion: 77 Resp: 276110

Ion Ratio Lower Upper

77 100

123 52.7 45.0 67.4

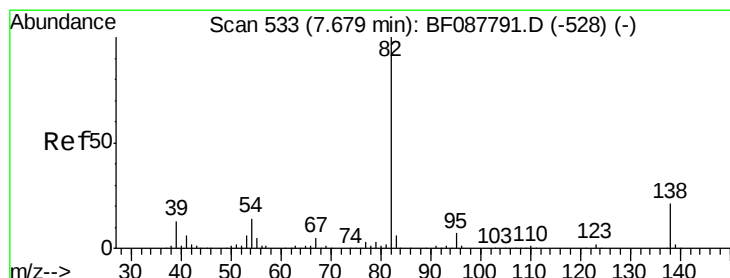
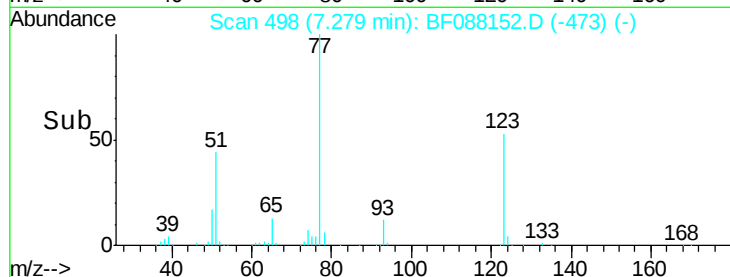
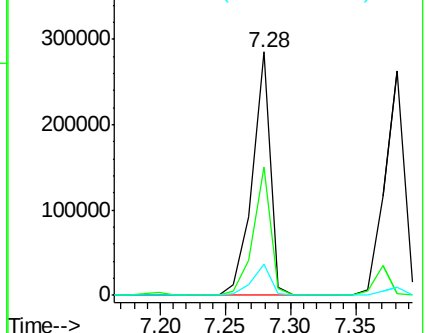
65 13.0 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.27 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

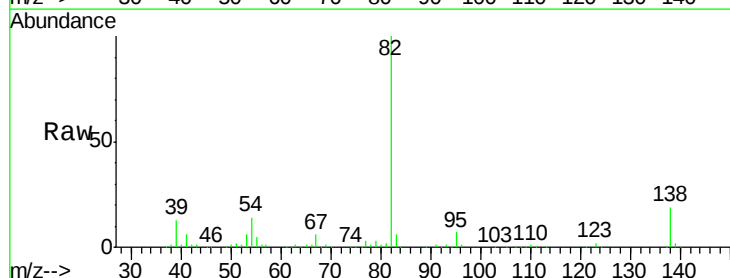
Tgt Ion: 82 Resp: 490533

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

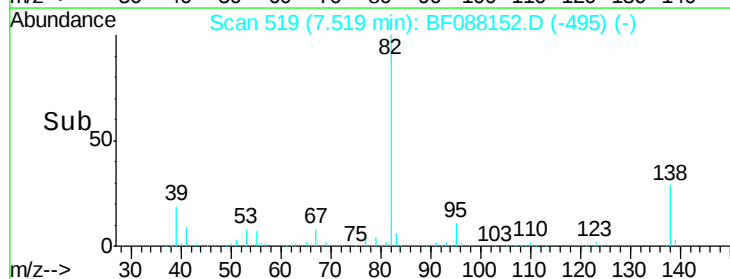
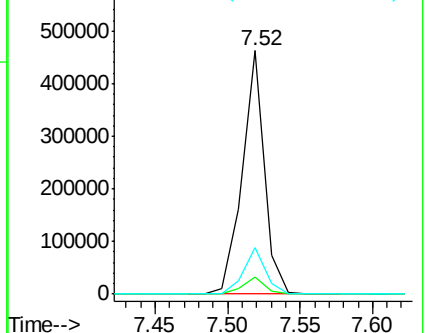
138 19.0 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 31.40 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

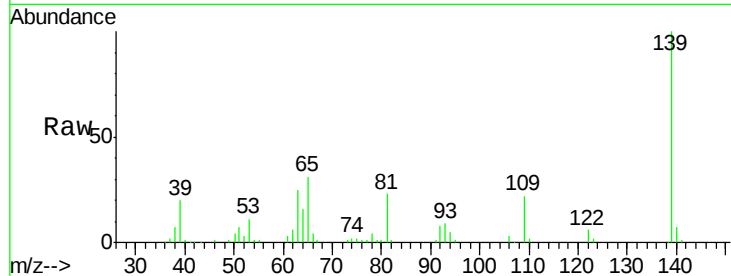
Tgt Ion:139 Resp: 102088

Ion Ratio Lower Upper

139 100

109 22.0 23.0 34.4#

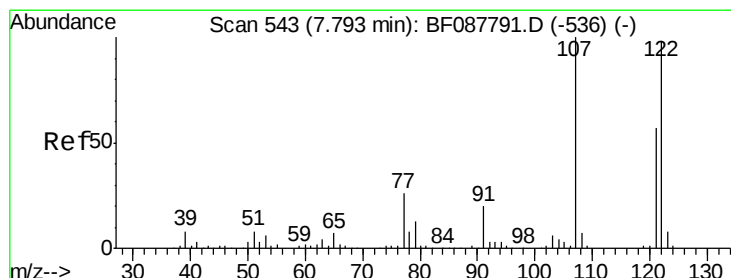
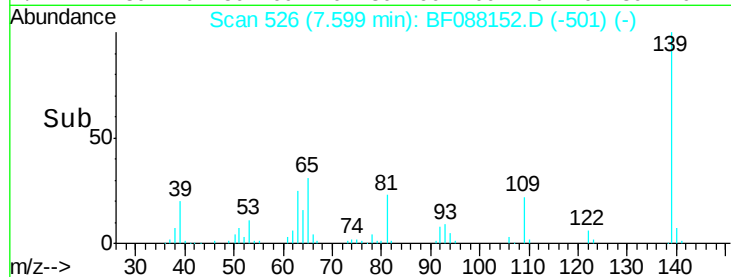
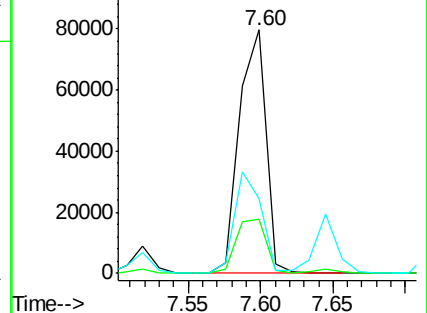
65 30.8 45.8 68.8#



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): E



#27

2,4-Dimethylphenol

Concen: 38.53 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

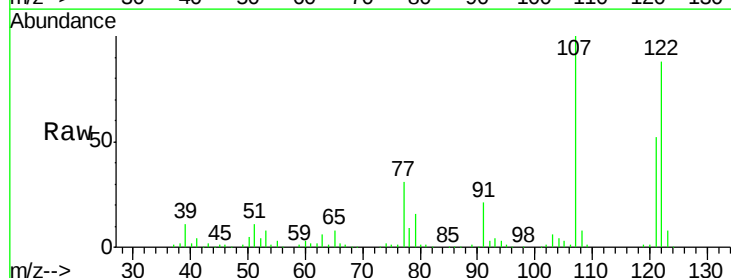
Tgt Ion:122 Resp: 230640

Ion Ratio Lower Upper

122 100

107 113.0 82.4 123.6

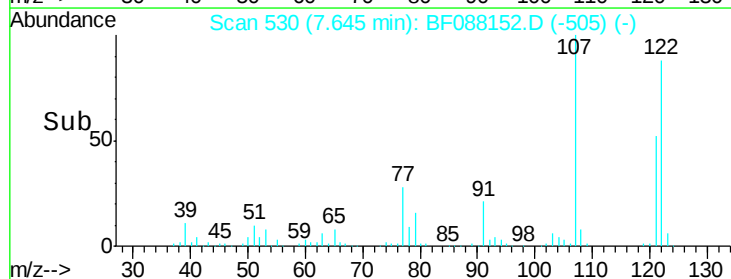
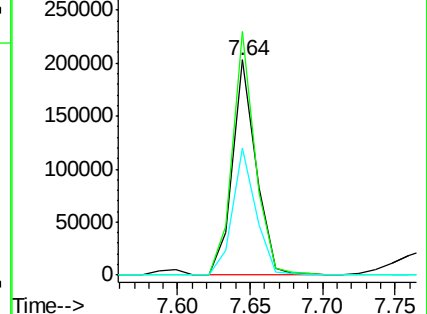
121 59.2 46.3 69.5

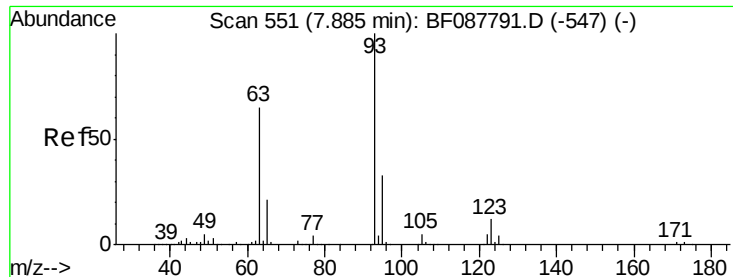


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

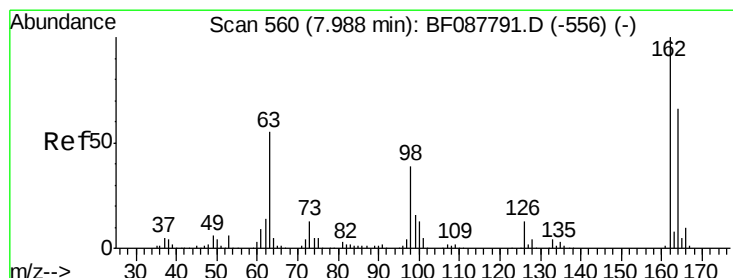
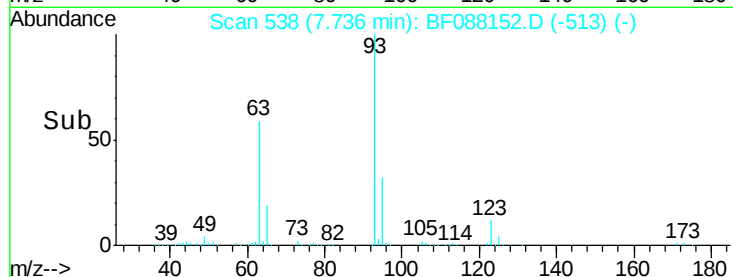
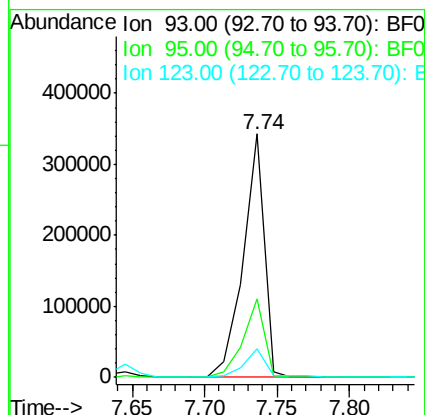
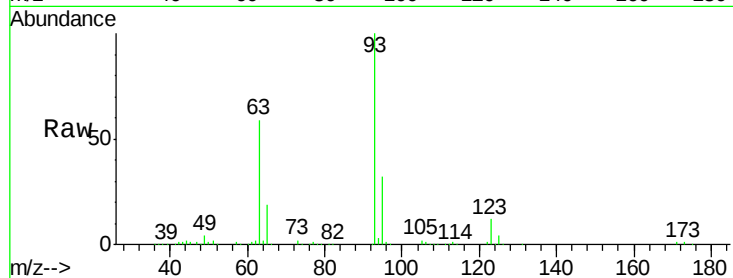




#28
bis(2-Chloroethoxy)methane
Concen: 48.07 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

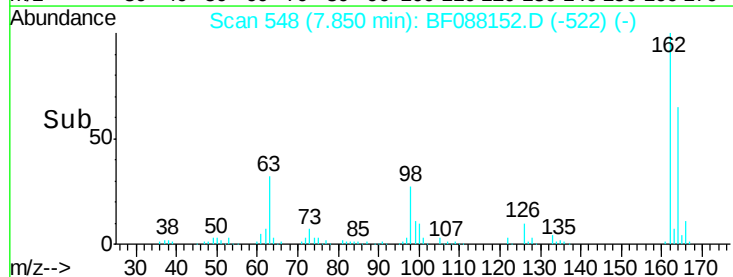
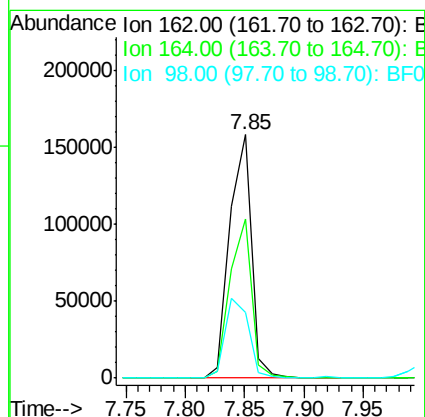
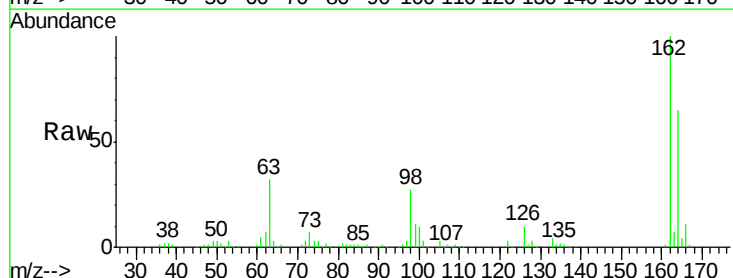
Instrument :
BNA_F
ClientSampleId :
PB91406BS

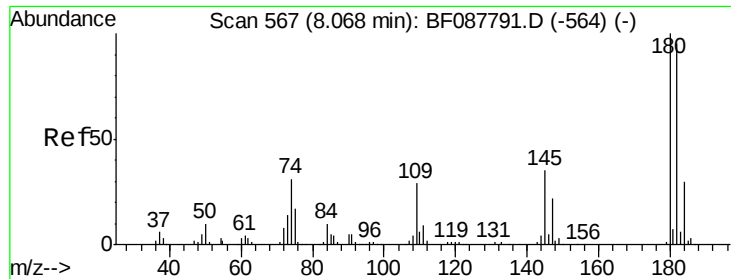
Tgt Ion: 93 Resp: 345958
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.6 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 40.57 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion: 162 Resp: 202754
Ion Ratio Lower Upper
162 100
164 65.1 43.8 83.8
98 26.8 21.3 61.3

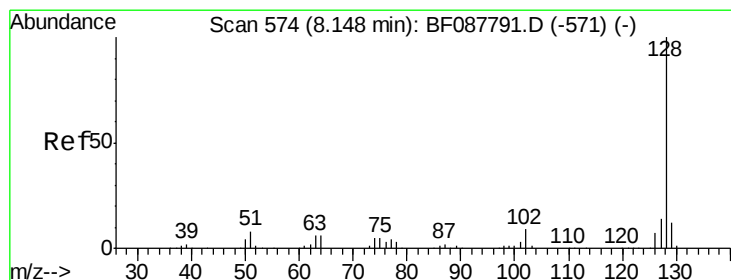
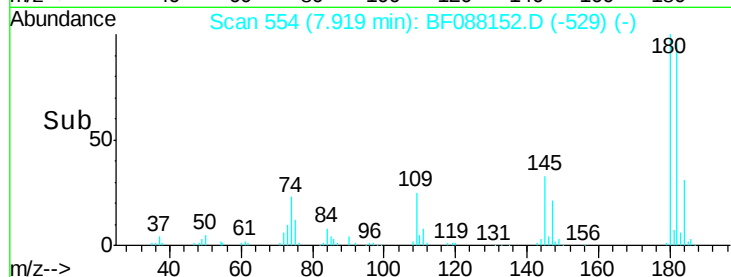
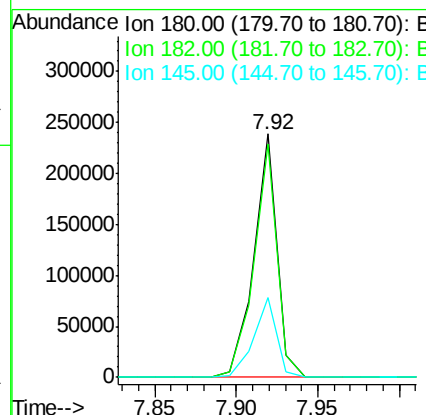
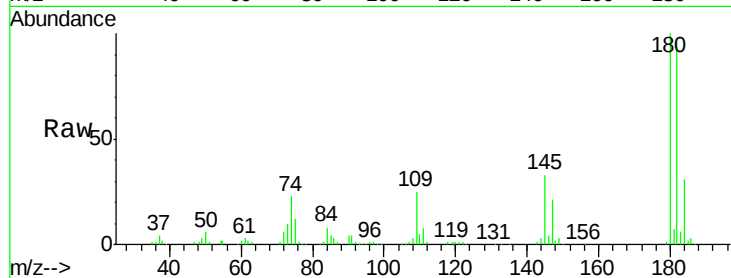




#30
 1,2,4-Trichlorobenzene
 Concen: 43.01 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

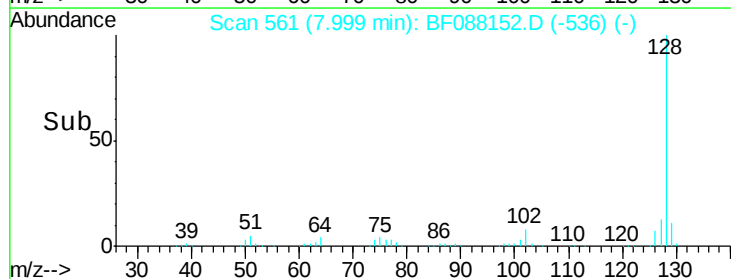
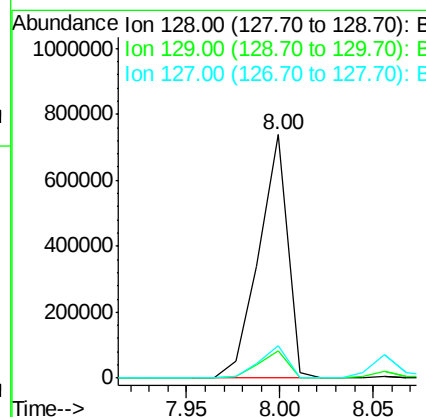
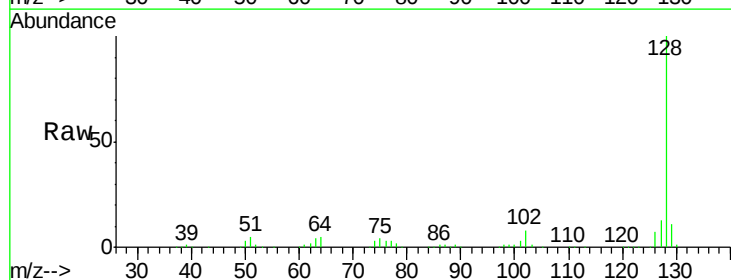
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

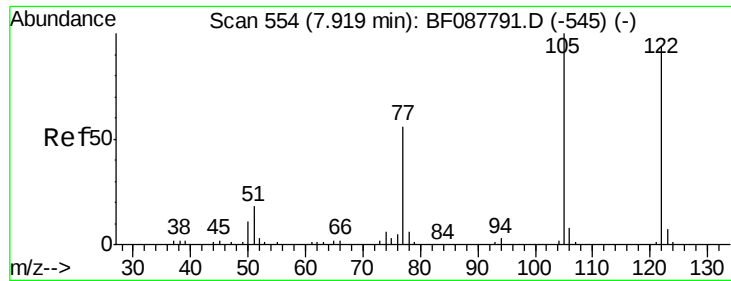
Tgt Ion:180 Resp: 234018
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 32.8 26.5 39.7



#31
 Naphthalene
 Concen: 43.45 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:128 Resp: 786660
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.2
 127 13.5 10.9 16.3

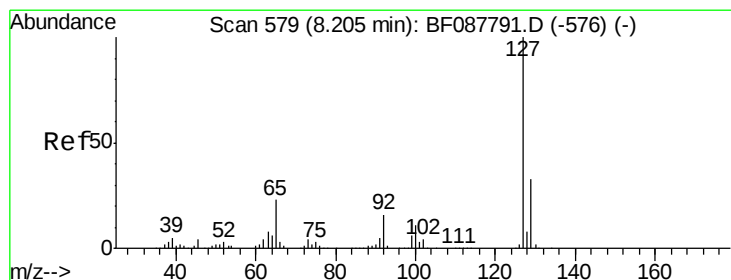
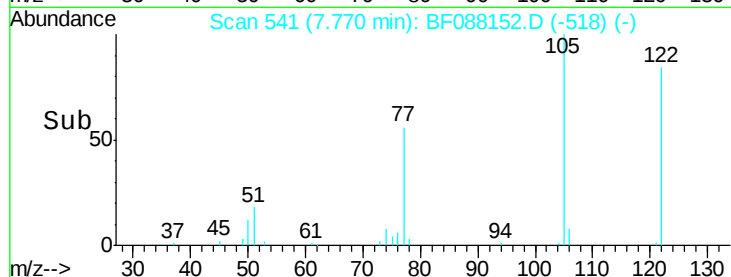
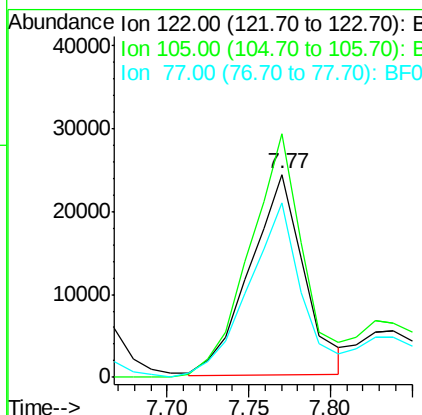
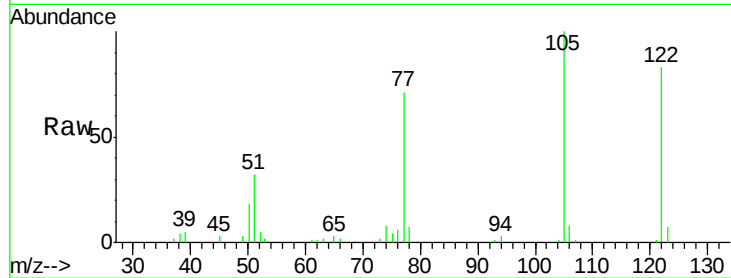




#32
Benzoic acid
Concen: 17.12 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

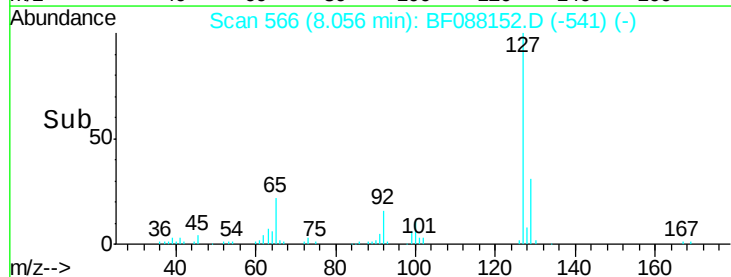
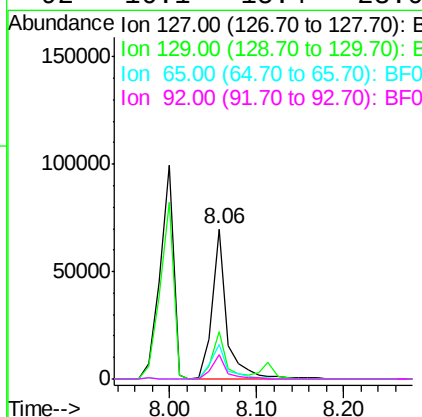
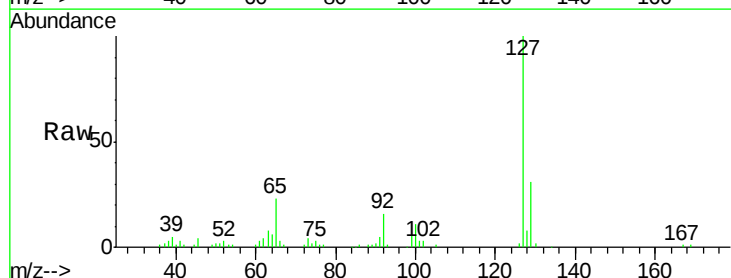
Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:122 Resp: 56409
Ion Ratio Lower Upper
122 100
105 119.9 101.6 141.6
77 85.6 70.6 110.6



#33
4-Chloroaniline
Concen: 10.32 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:127 Resp: 83412
Ion Ratio Lower Upper
127 100
129 31.3 26.3 39.5
65 22.9 24.7 37.1#
92 16.1 15.4 23.0

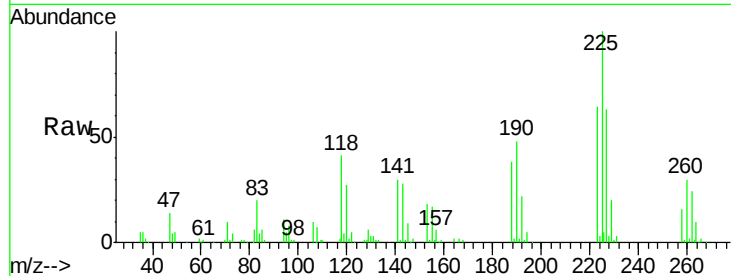




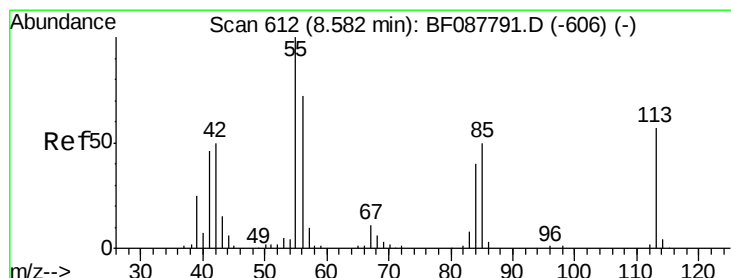
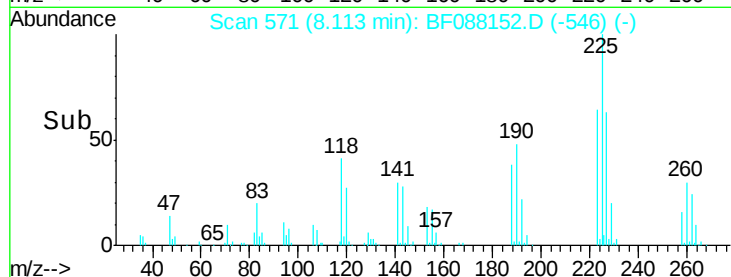
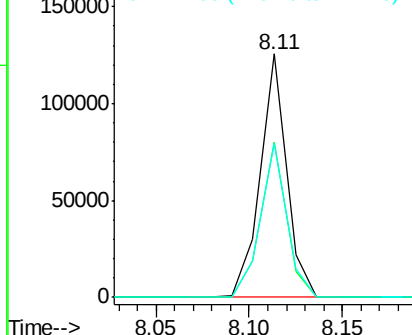
#34
Hexachlorobutadiene
Concen: 42.54 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion: 225 Resp: 122085
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.5 51.9 77.9

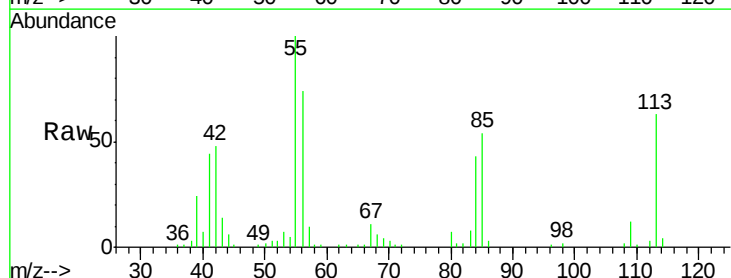


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

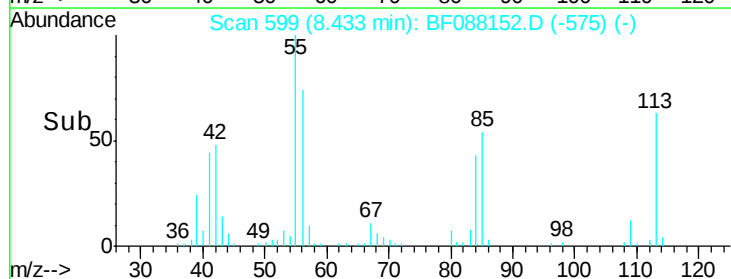
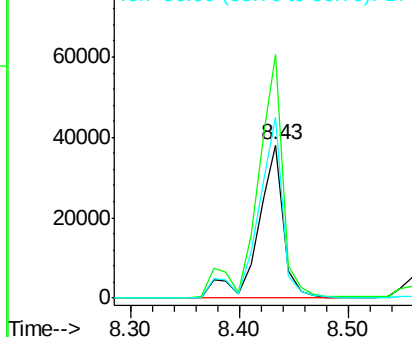


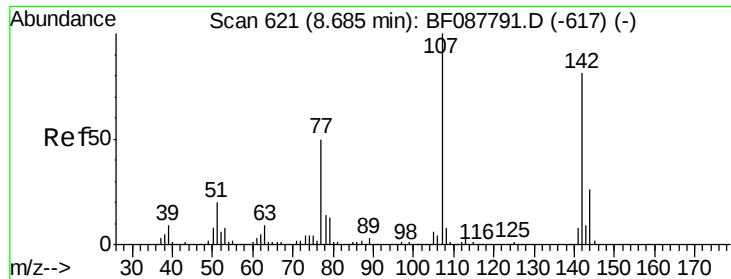
#35
Caprolactam
Concen: 37.42 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion: 113 Resp: 61934
Ion Ratio Lower Upper
113 100
55 158.8 158.6 198.6
56 117.7 110.6 150.6



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

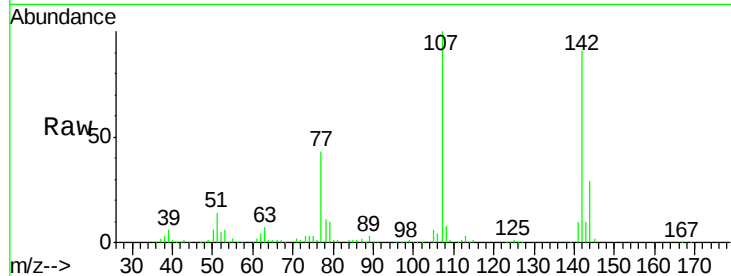




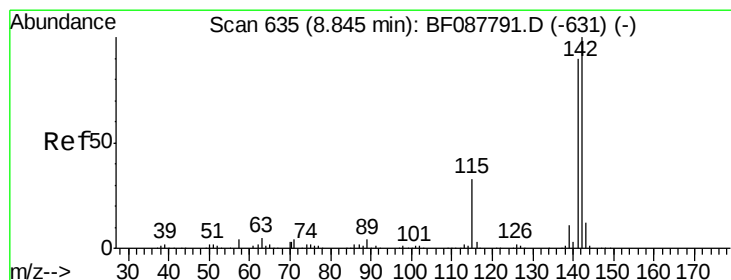
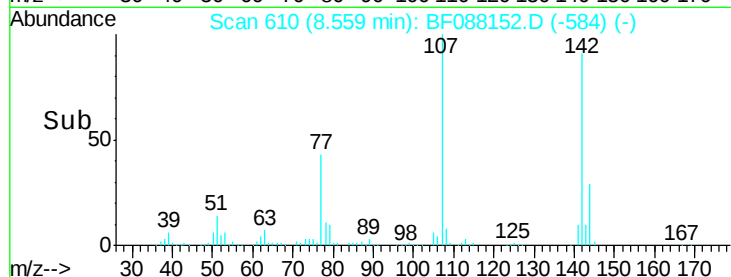
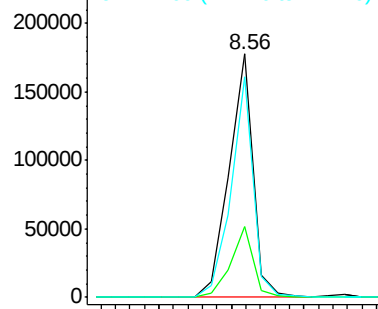
#36
4-Chloro-3-methylphenol
Concen: 38.34 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:107 Resp: 204897
Ion Ratio Lower Upper
107 100
144 29.3 20.8 31.2
142 90.7 63.4 95.2

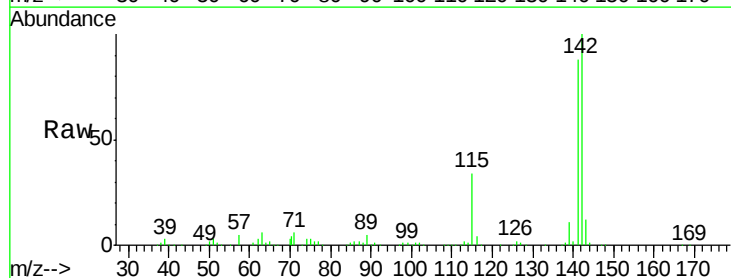


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

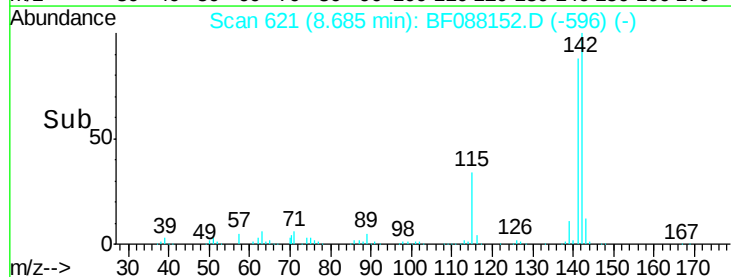
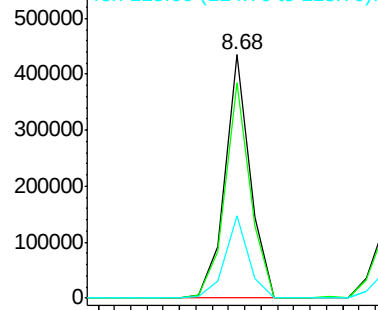


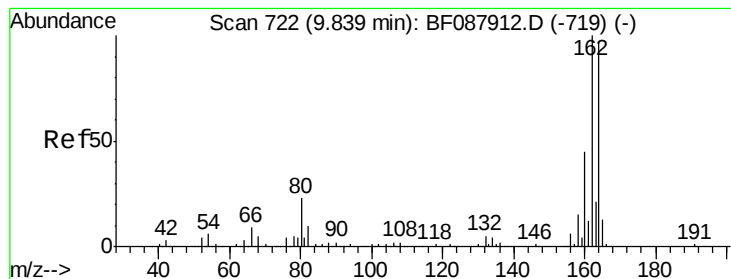
#37
2-Methylnaphthalene
Concen: 39.10 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:142 Resp: 466597
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 34.0 22.6 33.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

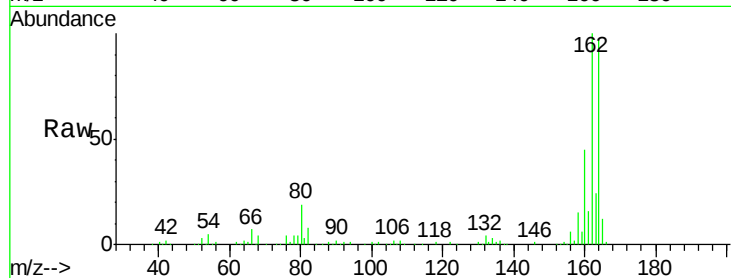
Tgt Ion:164 Resp: 147951

Ion Ratio Lower Upper

164 100

162 103.2 85.4 128.2

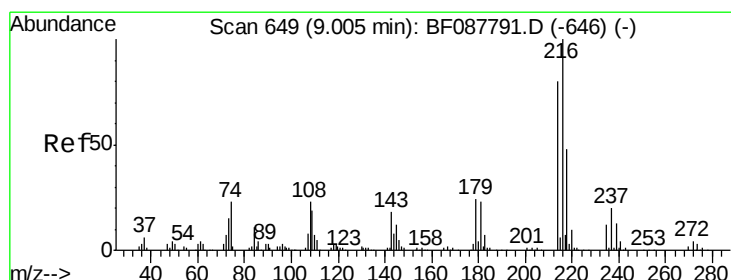
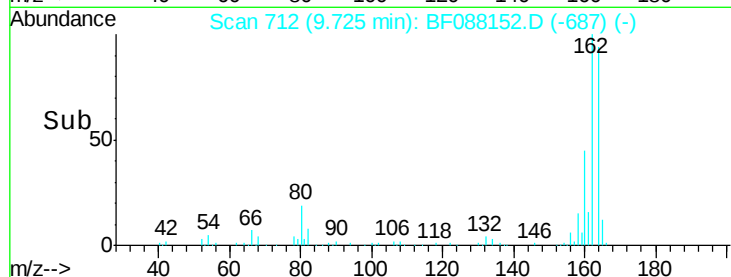
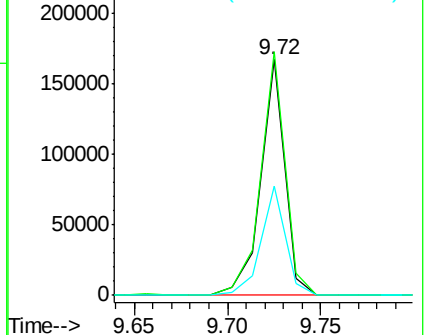
160 46.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 64.24 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:216 Resp: 211962

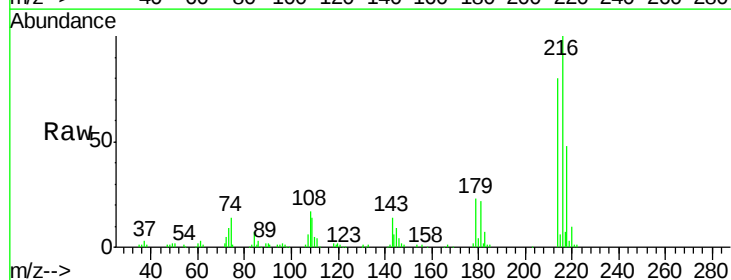
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.9 0.0 0.0#

108 19.3 0.5 0.7#

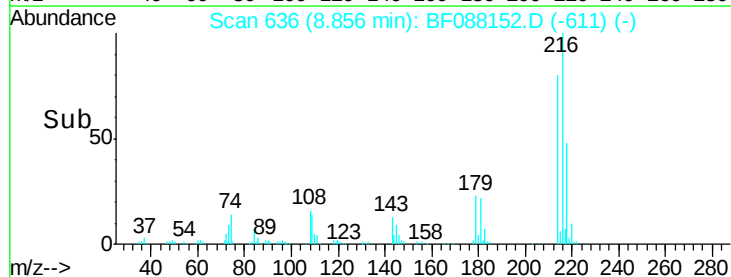
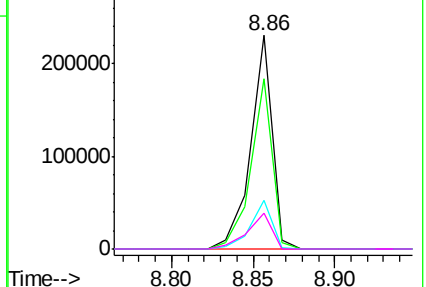


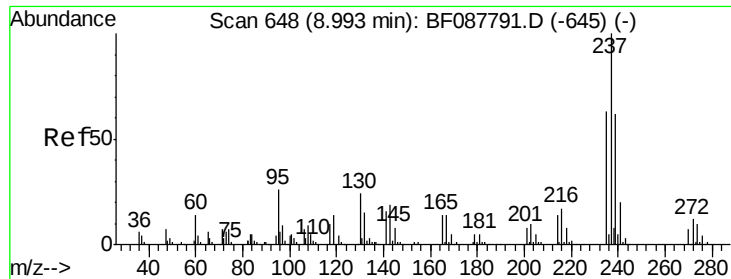
Abundance Ion 216.00 (215.70 to 216.70): E

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

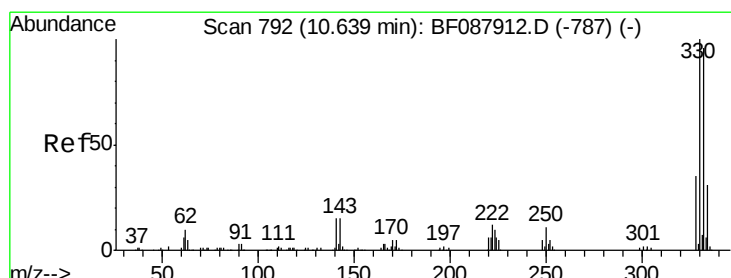
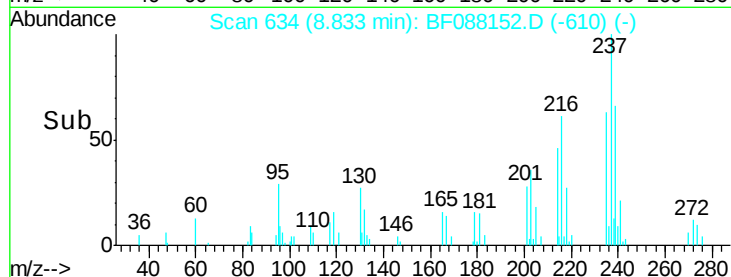
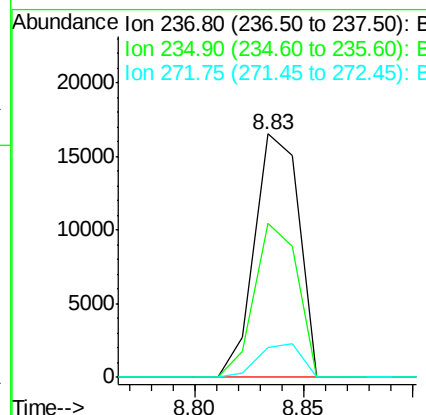
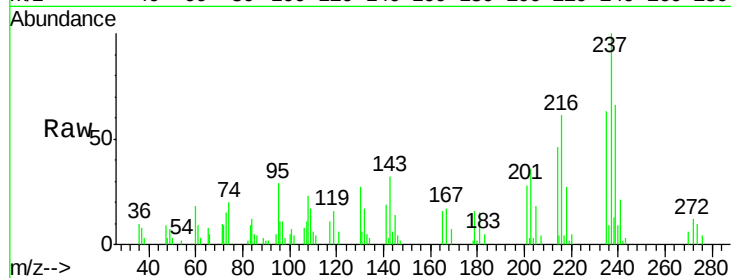




#40
Hexachlorocyclopentadiene
Concen: 9.88 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

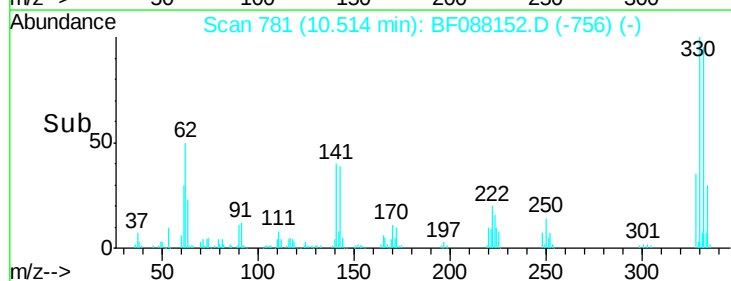
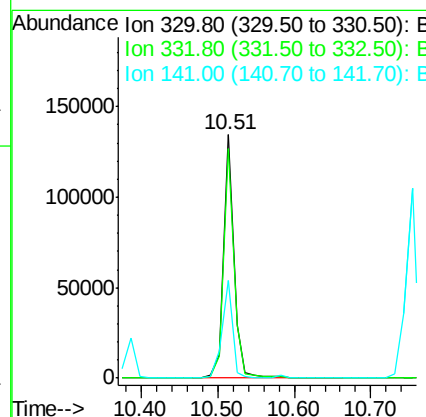
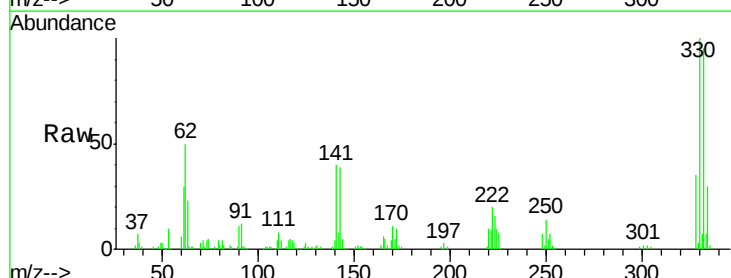
Instrument :
BNA_F
ClientSampleId :
PB91406BS

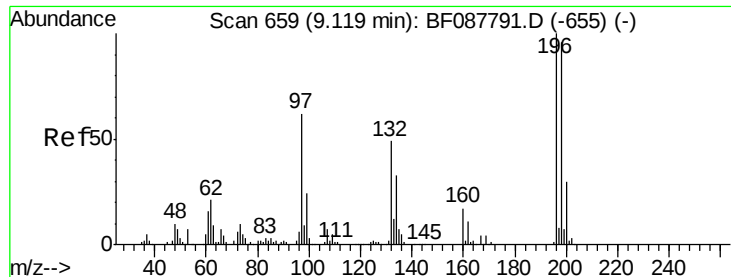
Tgt Ion: 237 Resp: 23567
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 12.3 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 82.40 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion: 330 Resp: 128725
Ion Ratio Lower Upper
330 100
332 94.8 0.0 0.0#
141 40.3 0.0 0.0#





#42

2,4,6-Trichlorophenol

Concen: 42.03 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

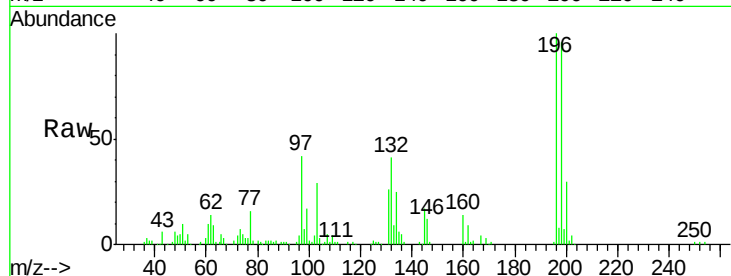
Tgt Ion:196 Resp: 124348

Ion Ratio Lower Upper

196 100

198 96.4 78.0 117.0

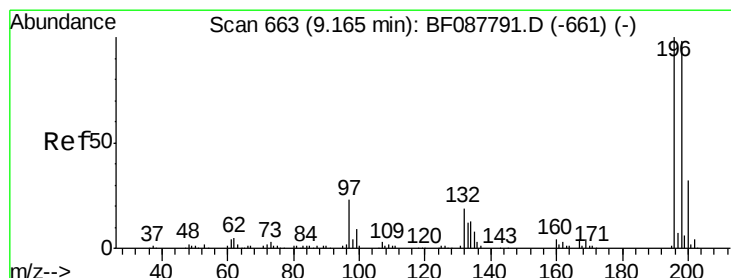
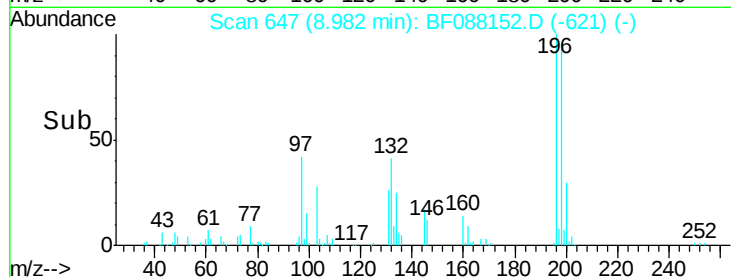
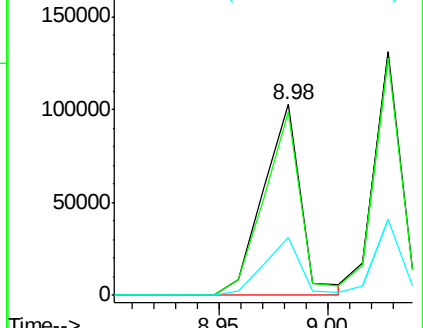
200 30.3 25.4 38.2



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: 38.26 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:196 Resp: 117760

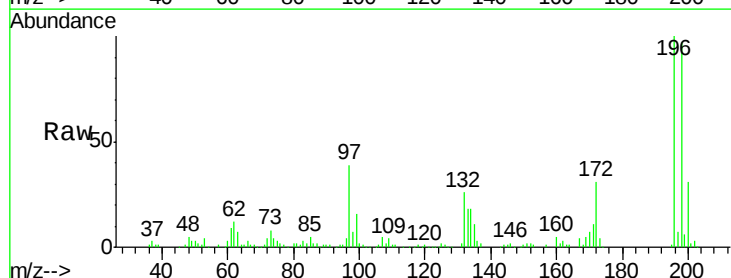
Ion Ratio Lower Upper

196 100

198 97.3 77.5 116.3

97 39.3 32.0 48.0

132 26.2 20.9 31.3

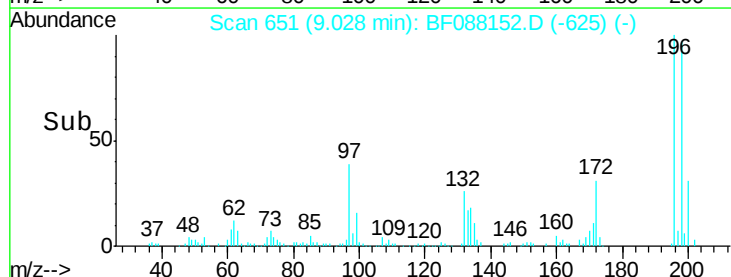
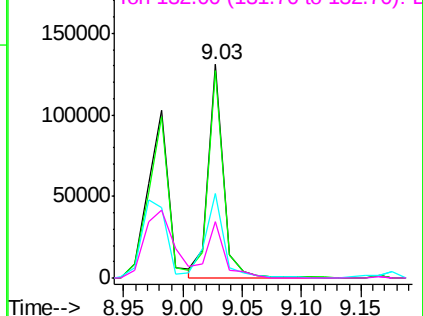


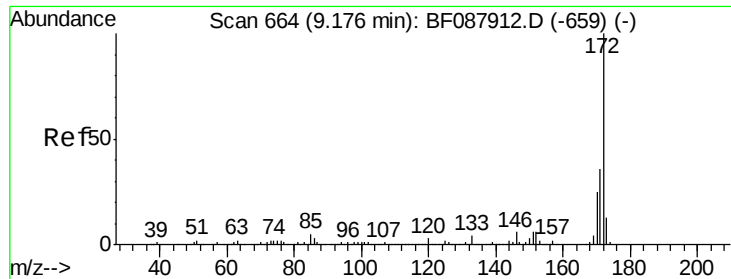
Abundance Ion 196.00 (195.70 to 196.70): E

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: 94.91 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

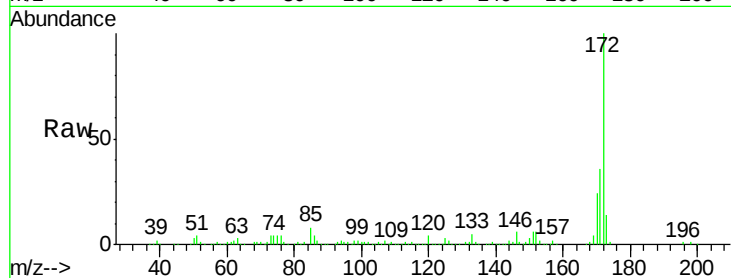
Tgt Ion:172 Resp: 887794

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

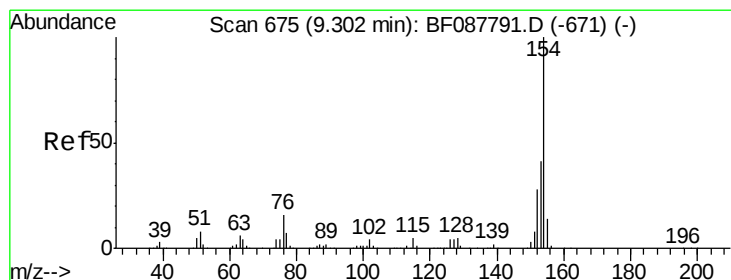
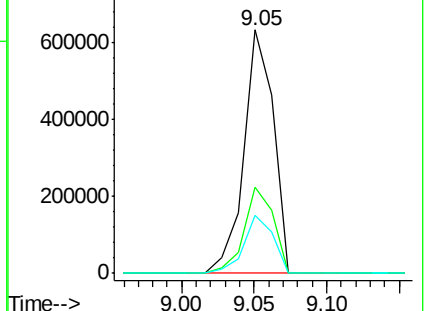
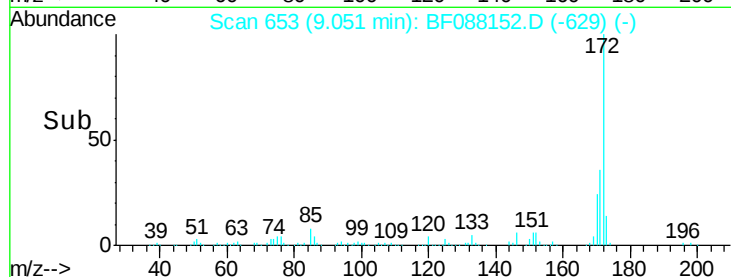
170 23.8 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 52.64 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

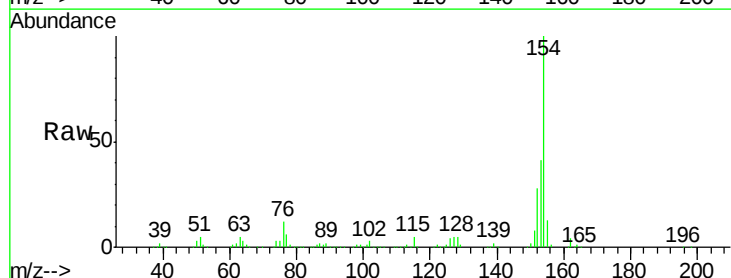
Tgt Ion:154 Resp: 572894

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

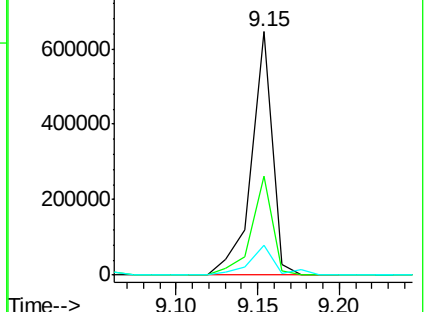
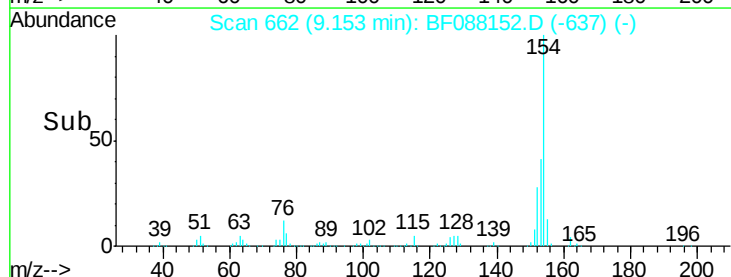
76 12.3 0.0 35.1

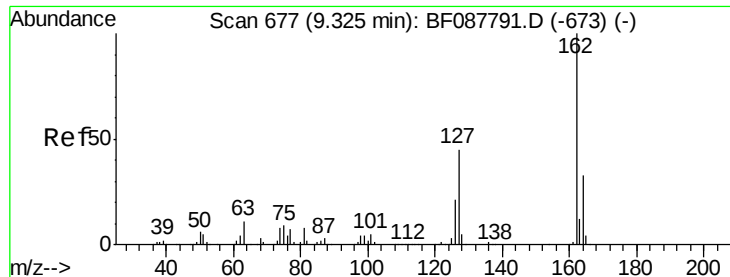


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

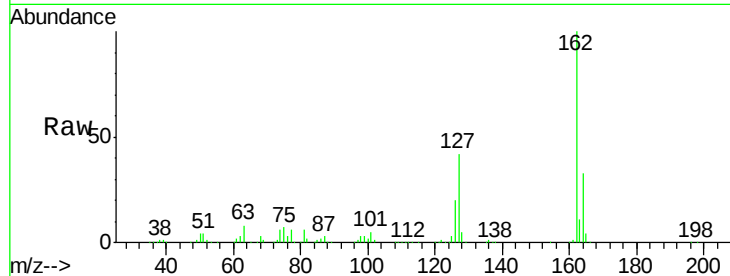




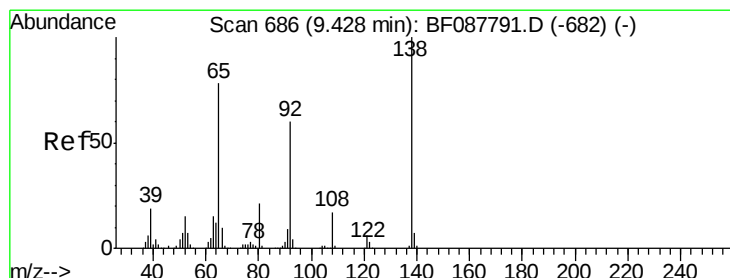
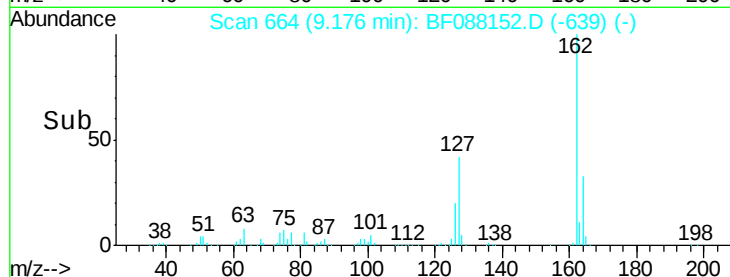
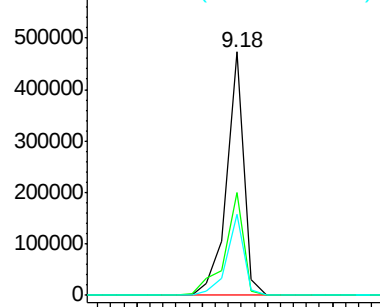
#46
 2-Chloronaphthalene
 Concen: 45.44 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tgt Ion: 162 Resp: 435069
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.2 52.8
 164 33.4 26.6 39.8

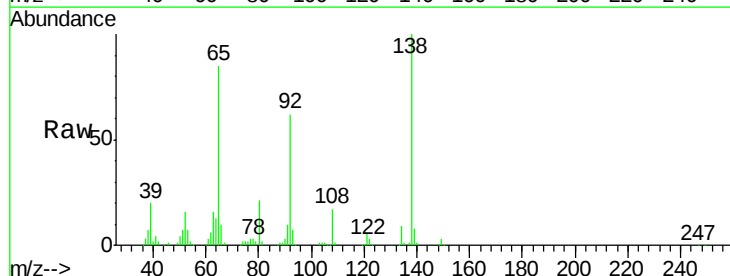


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

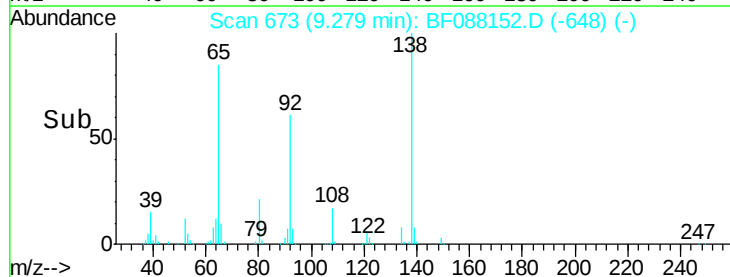
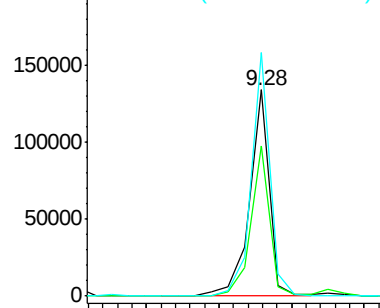


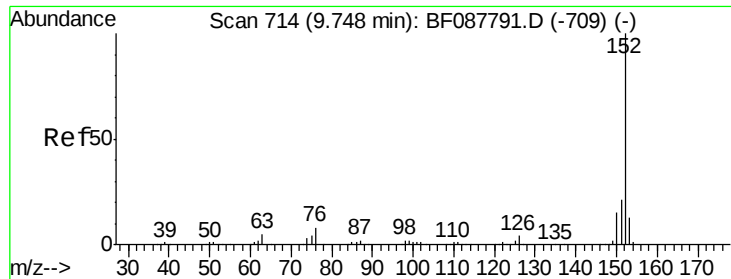
#47
 2-Nitroaniline
 Concen: 44.53 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion: 65 Resp: 125778
 Ion Ratio Lower Upper
 65 100
 92 72.6 54.6 82.0
 138 118.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.86 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

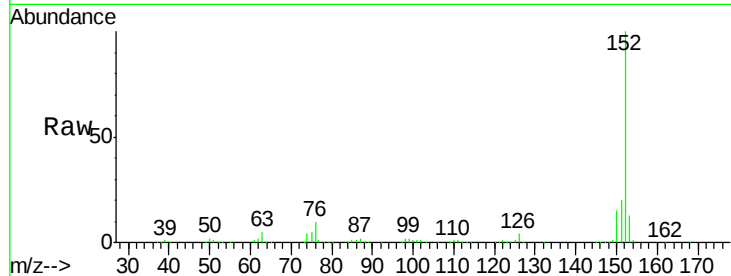
Tgt Ion:152 Resp: 652656

Ion Ratio Lower Upper

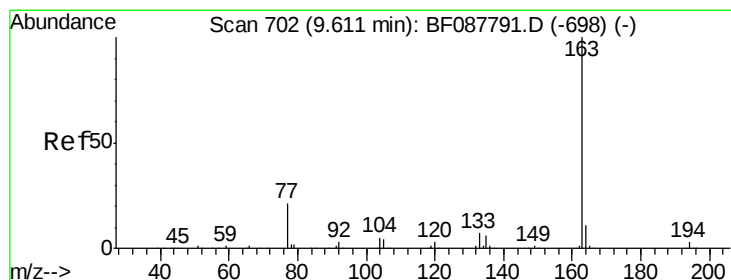
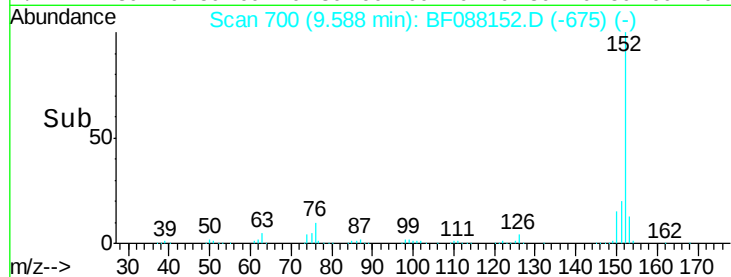
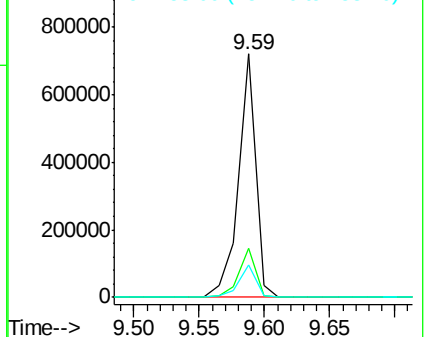
152 100

151 20.4 16.2 24.4

153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.55 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

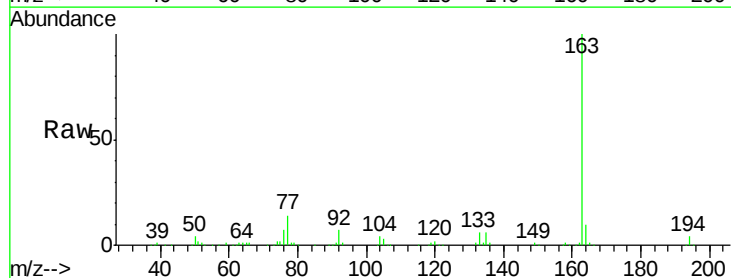
Tgt Ion:163 Resp: 552488

Ion Ratio Lower Upper

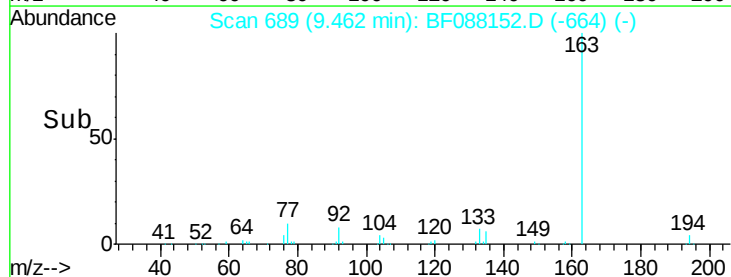
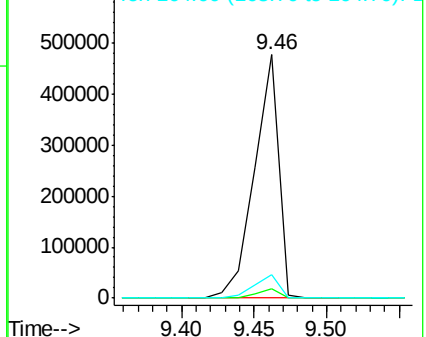
163 100

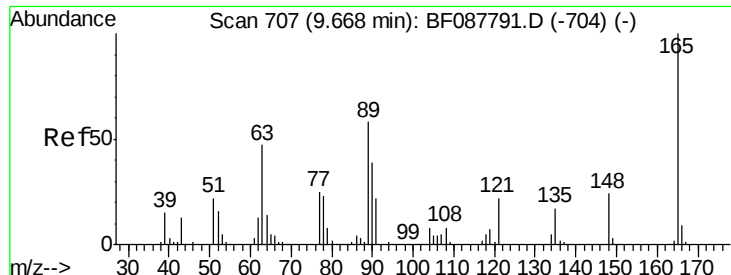
194 3.7 2.8 4.2

164 9.8 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

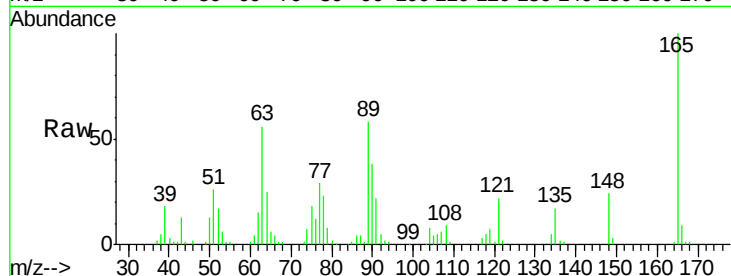




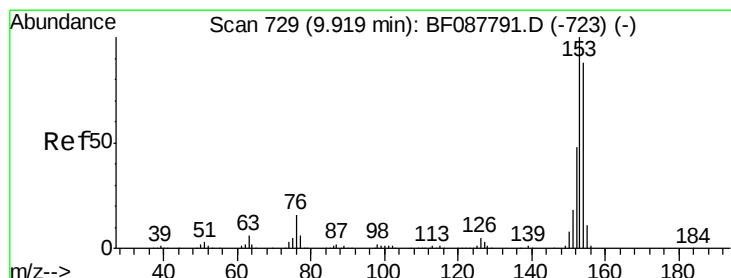
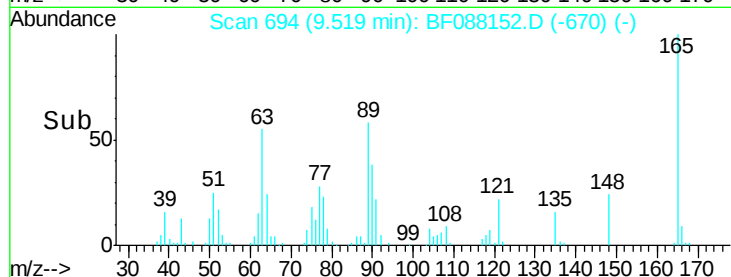
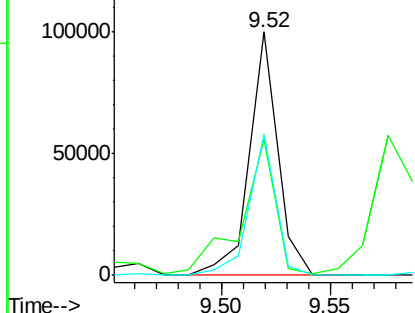
#50
2,6-Dinitrotoluene
Concen: 37.04 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleID :
PB91406BS

Tgt Ion:165 Resp: 90900
Ion Ratio Lower Upper
165 100
63 55.8 28.1 42.1#
89 57.9 32.2 48.2#

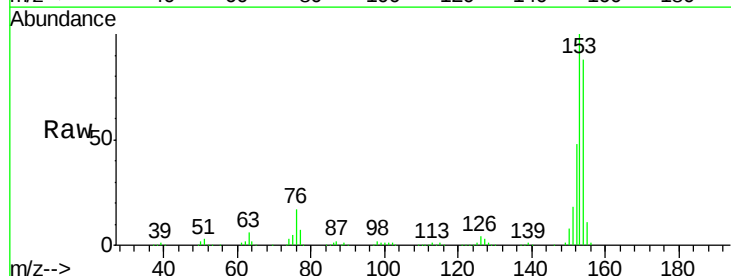


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

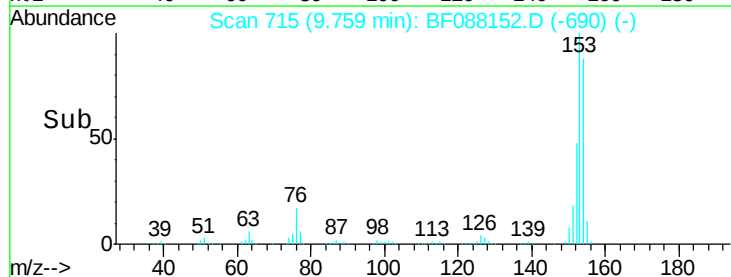
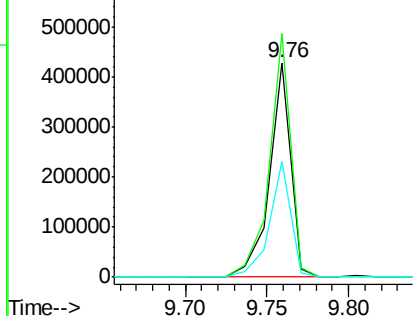


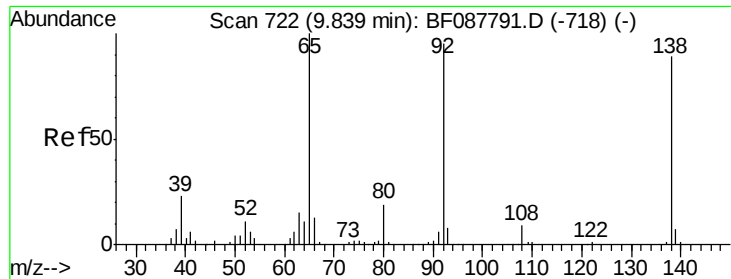
#51
Acenaphthene
Concen: 40.97 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:154 Resp: 389210
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 54.2 42.7 64.1



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

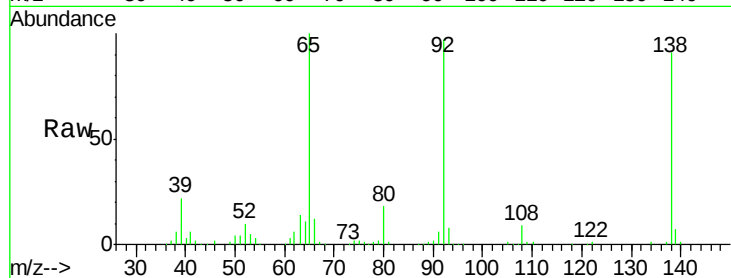




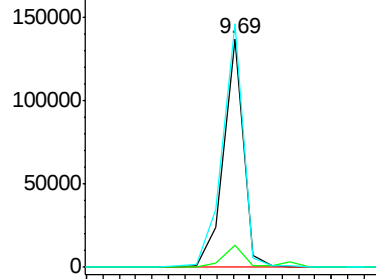
#52
 3-Nitroaniline
 Concen: 41.18 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

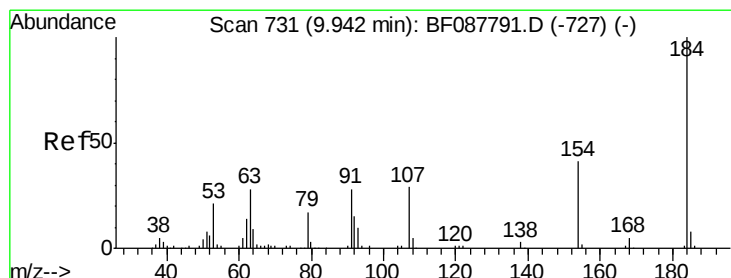
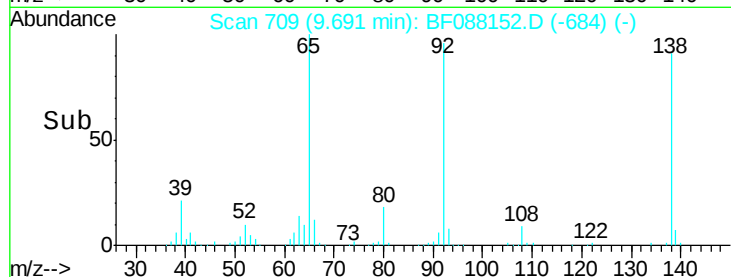
Tgt Ion:138 Resp: 116628
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.5 12.7
 92 106.5 95.7 143.5



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): E

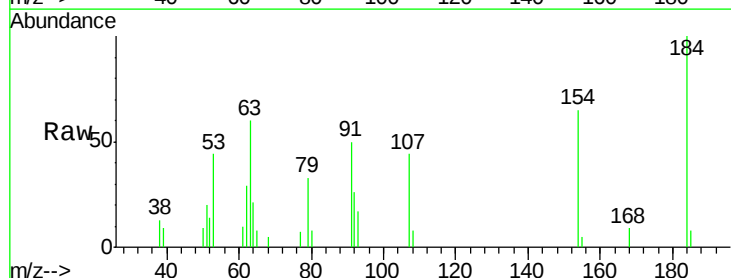


Time--> 9.60 9.65 9.70 9.75

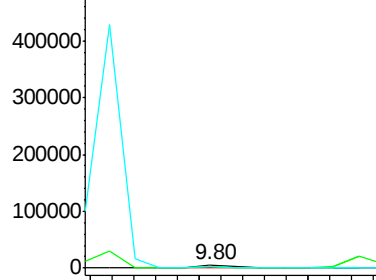


#53
 2,4-Dinitrophenol
 Concen: 10.44 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

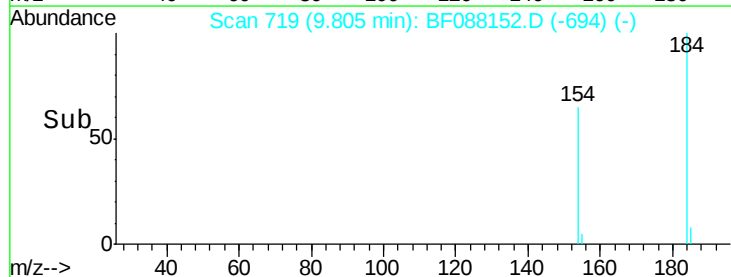
Tgt Ion:184 Resp: 8297
 Ion Ratio Lower Upper
 184 100
 63 59.7 57.6 86.4
 154 65.3 53.5 80.3

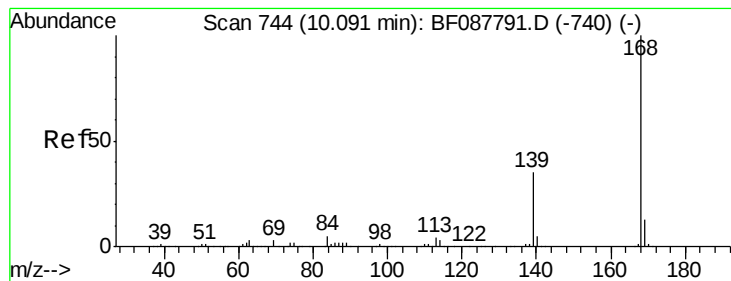


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E



Time--> 9.75 9.80 9.85





#54

Dibenzenofuran

Concen: 42.58 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

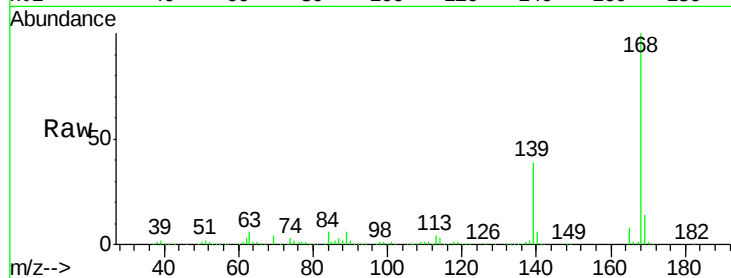
Tgt Ion:168 Resp: 557052

Ion Ratio Lower Upper

168 100

139 38.8 26.4 39.6

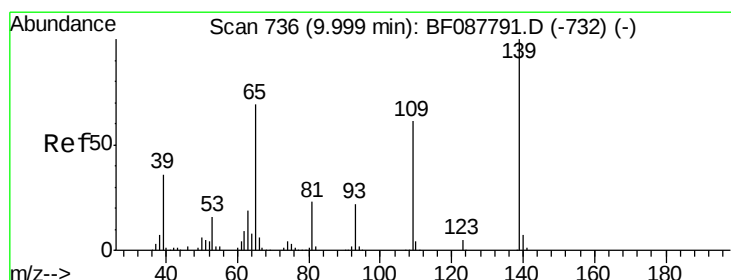
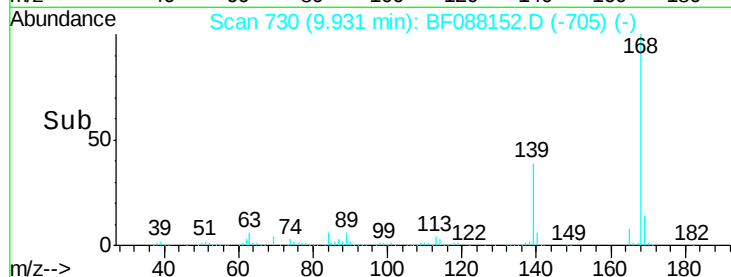
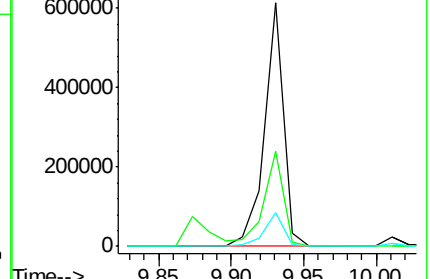
169 13.8 10.4 15.6



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: 39.17 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

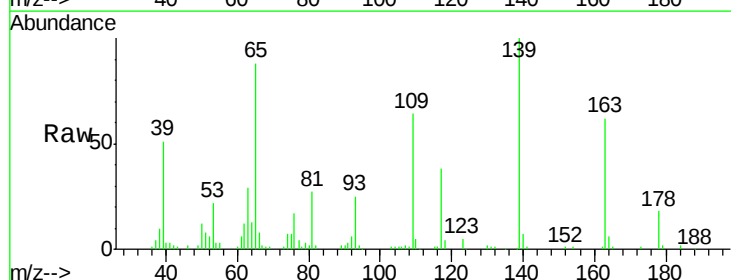
Tgt Ion:139 Resp: 86108

Ion Ratio Lower Upper

139 100

109 64.0 48.9 88.9

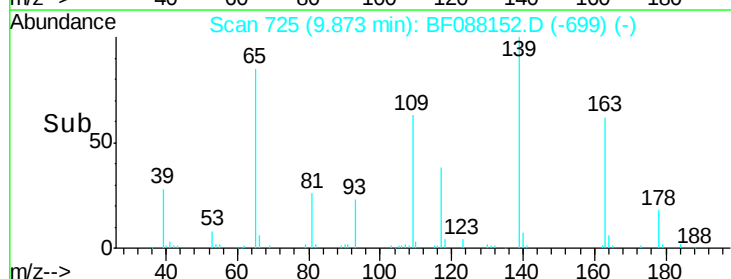
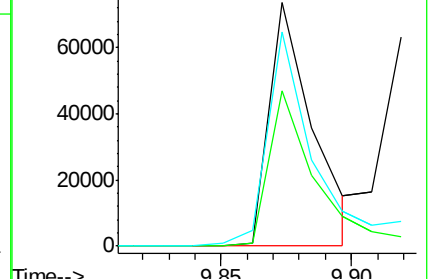
65 88.1 84.9 124.9

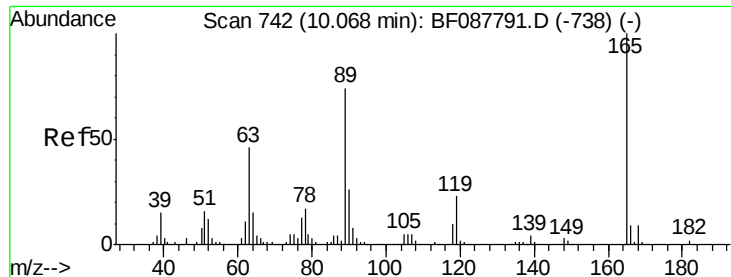


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

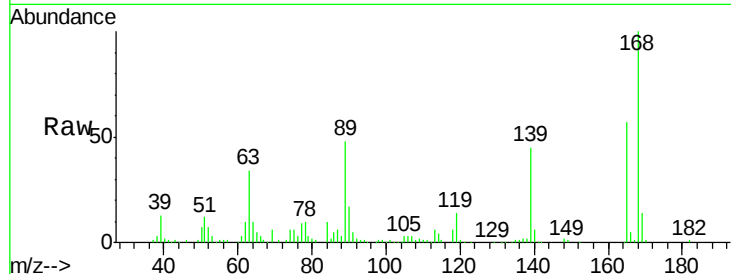




#56
2,4-Dinitrotoluene
Concen: 30.61 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.0	22.0	33.0#
89	83.6	41.1	61.7#
182	2.2	2.0	3.0



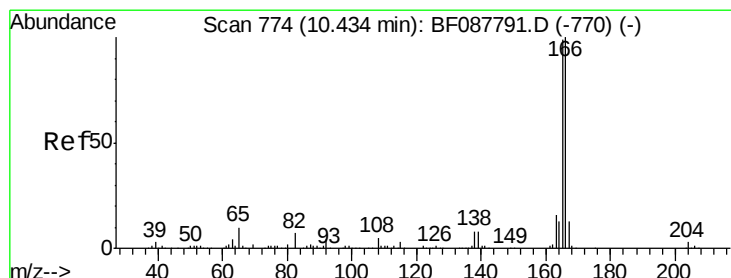
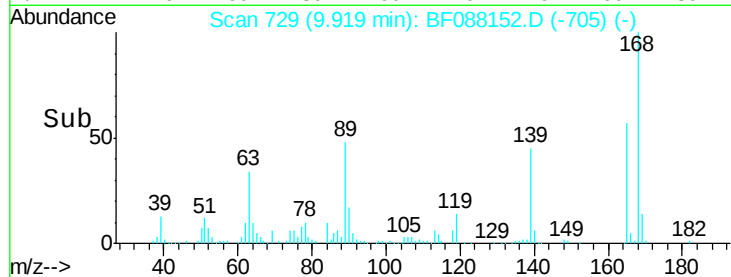
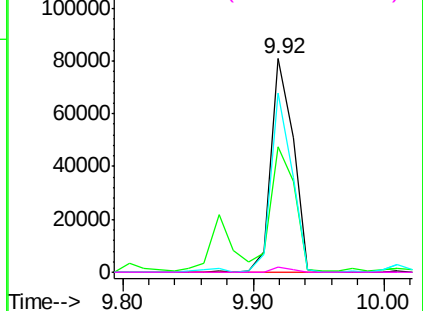
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

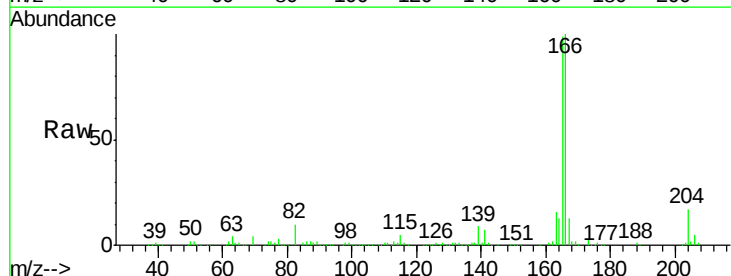
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 48.71 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	13.0	11.2	16.8

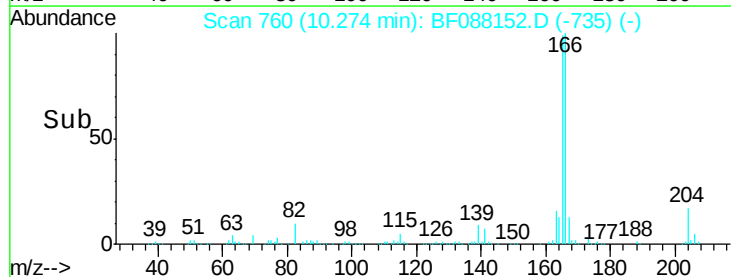
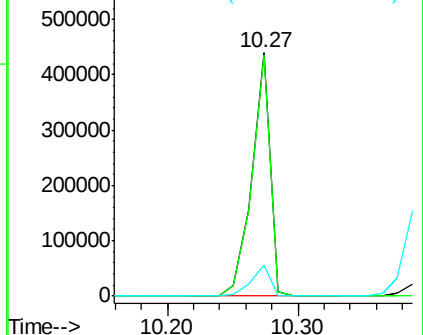


Abundance

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

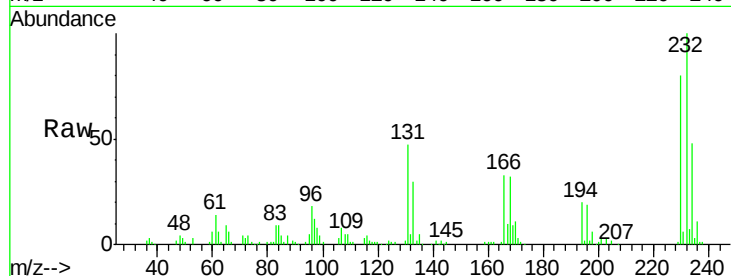




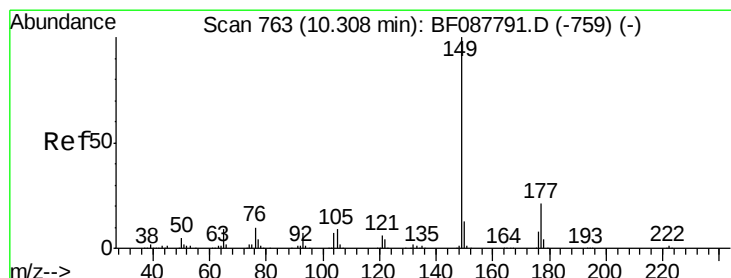
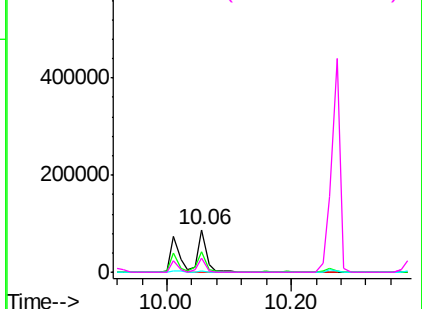
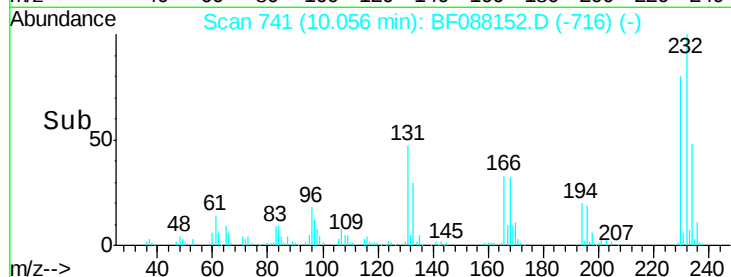
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.67 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tgt Ion:232 Resp: 88712
 Ion Ratio Lower Upper
 232 100
 131 43.6 0.9 1.3#
 130 1.8 1.5 2.3
 166 30.0 0.5 0.7#

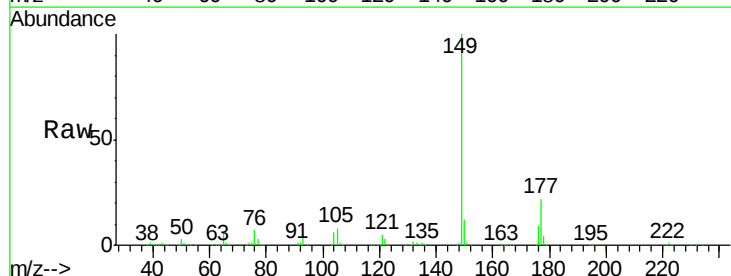


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

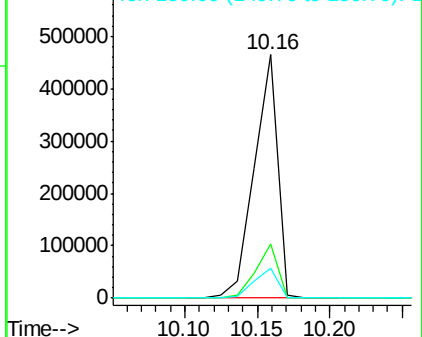
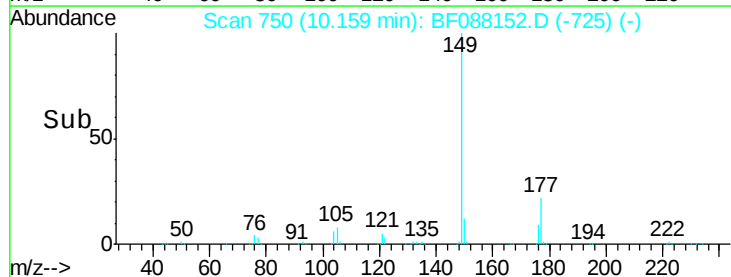


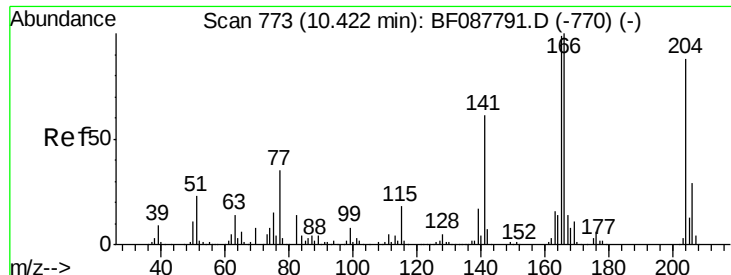
#59
 Diethylphthalate
 Concen: 47.91 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:149 Resp: 519772
 Ion Ratio Lower Upper
 149 100
 177 22.2 16.9 25.3
 150 12.1 10.1 15.1



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

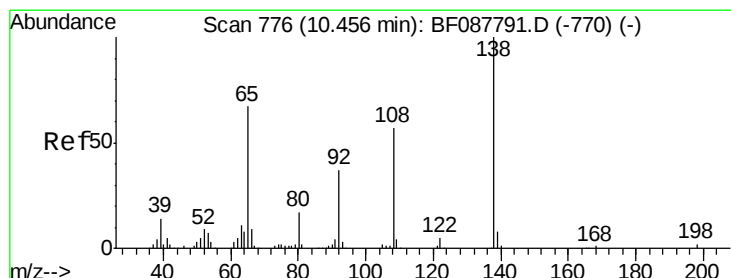
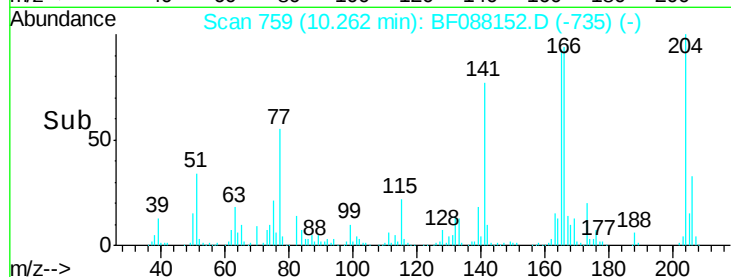
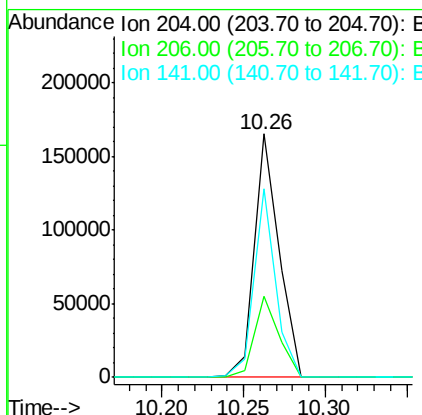
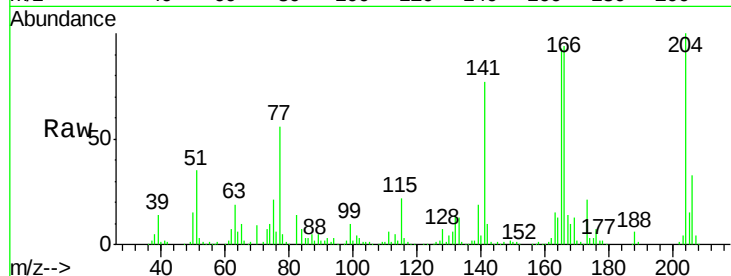




#60
4-Chlorophenyl-phenylether
Concen: 40.03 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

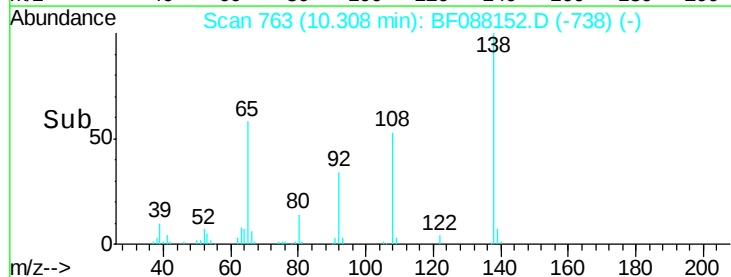
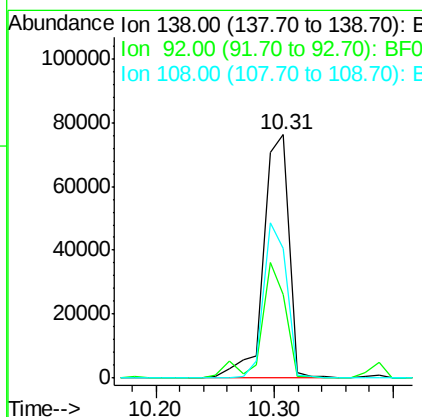
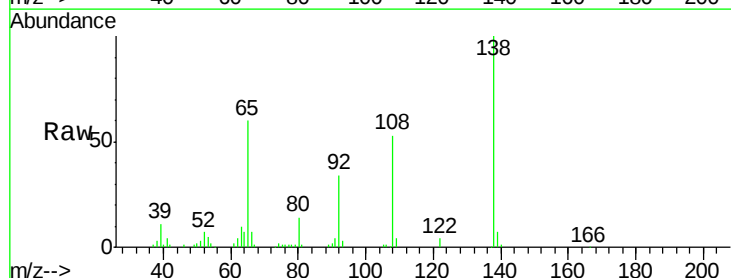
Instrument :
BNA_F
ClientSampleId :
PB91406BS

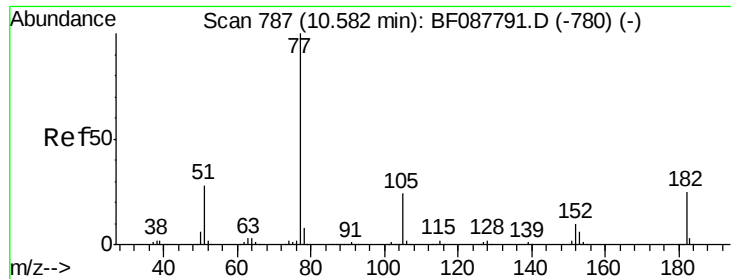
Tgt Ion: 204 Resp: 174172
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 77.3 55.0 82.6



#61
4-Nitroaniline
Concen: 42.13 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion: 138 Resp: 113190
Ion Ratio Lower Upper
138 100
92 34.3 27.3 67.3
108 53.4 46.7 86.7





#62

Azobenzene

Concen: 40.90 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tgt Ion: 77 Resp: 438725

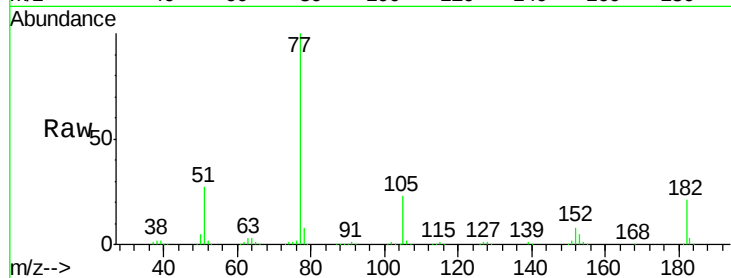
Ion Ratio Lower Upper

77 100

182 21.2 4.4 44.4

105 22.9 3.8 43.8

51 27.0 9.3 49.3

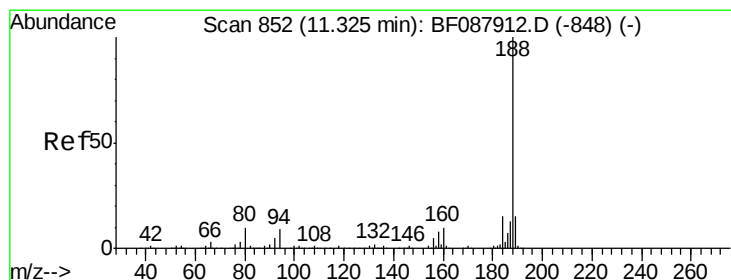
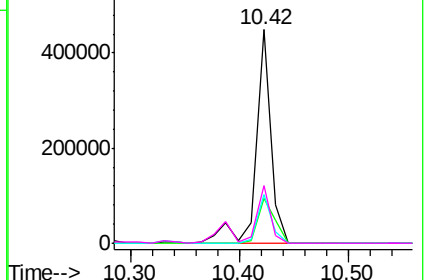
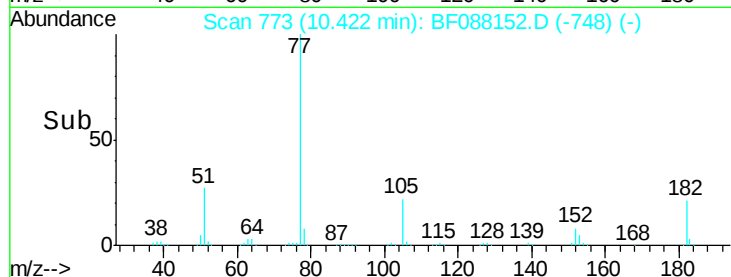


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

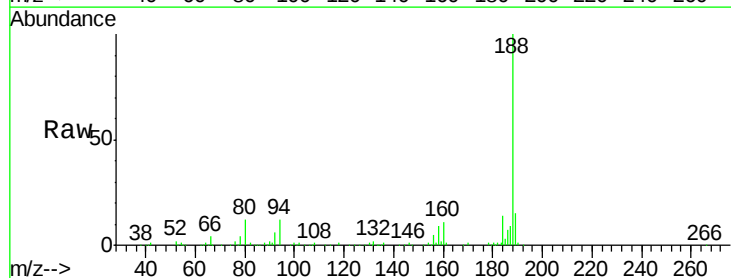
Tgt Ion: 188 Resp: 227432

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.6

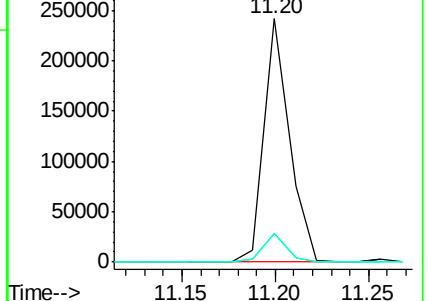
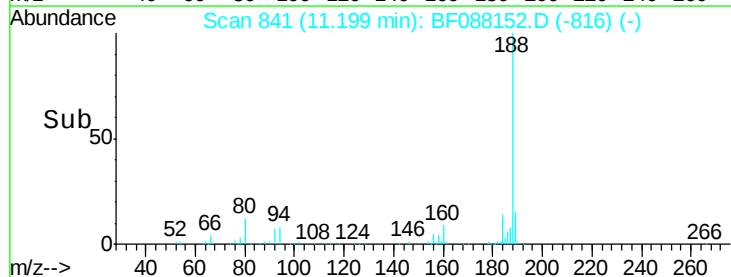
80 12.0 10.0 15.0

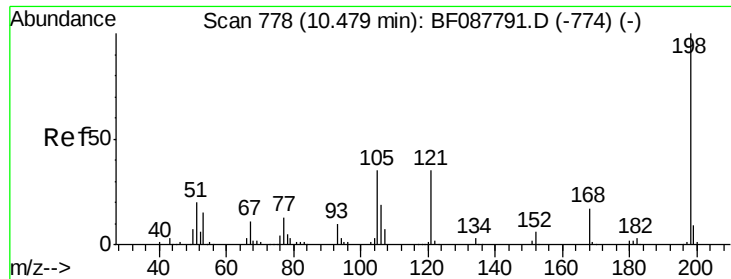


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

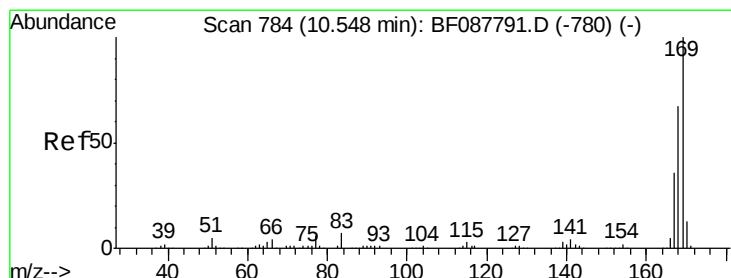
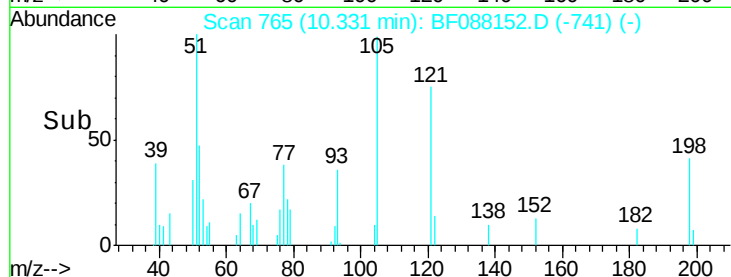
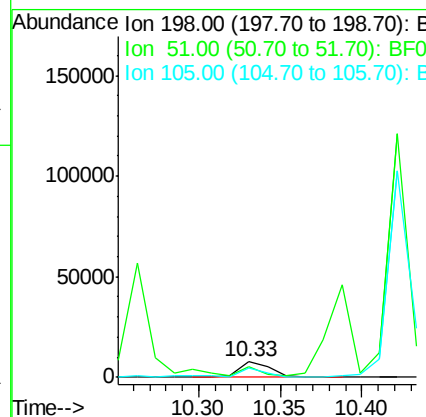
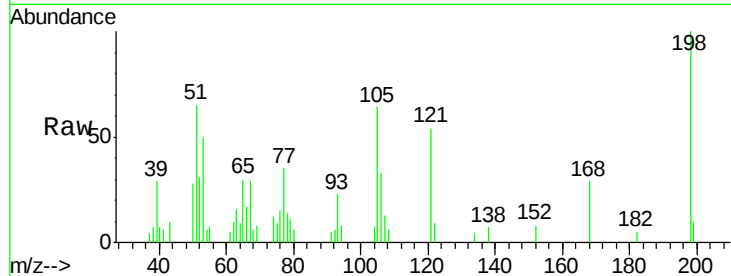




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.20 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

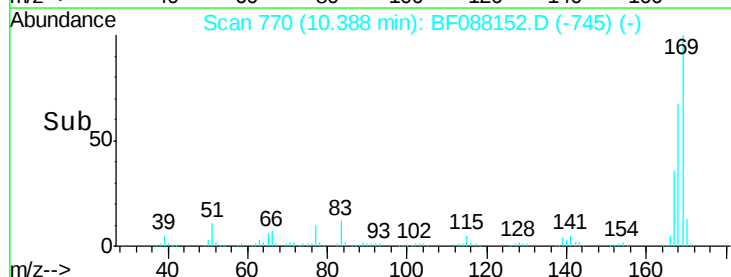
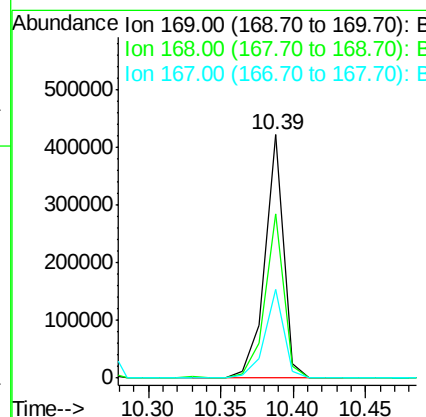
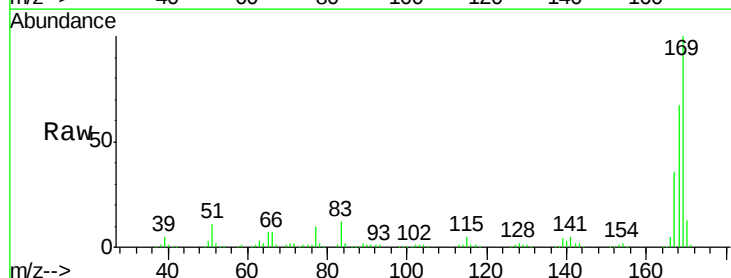
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

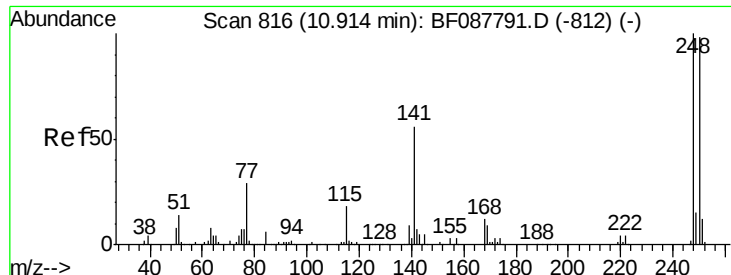
Tgt Ion:198 Resp: 10466
 Ion Ratio Lower Upper
 198 100
 51 64.5 39.6 79.6
 105 63.9 36.6 76.6



#65
 n-Nitrosodiphenylamine
 Concen: 50.04 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:169 Resp: 377610
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.5 29.4 44.0

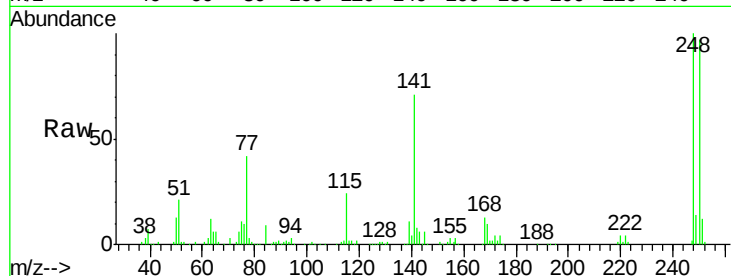




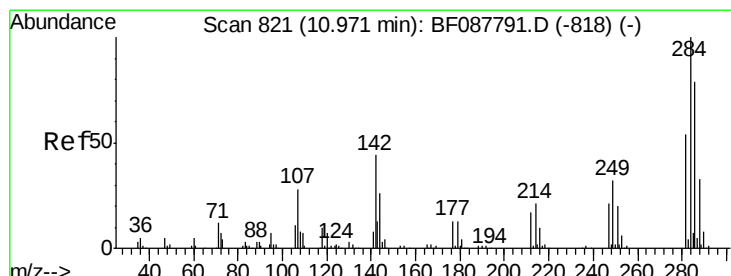
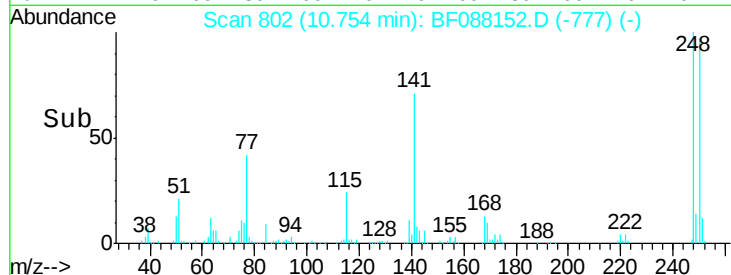
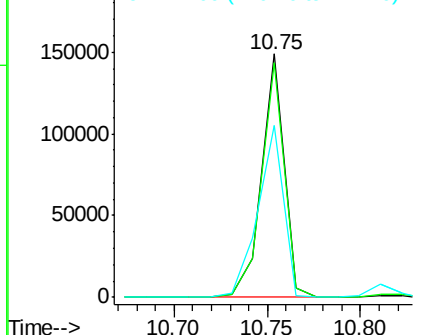
#66
 4-Bromophenyl-phenylether
 Concen: 50.57 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tgt Ion:248 Resp: 123389
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 70.6 50.6 76.0

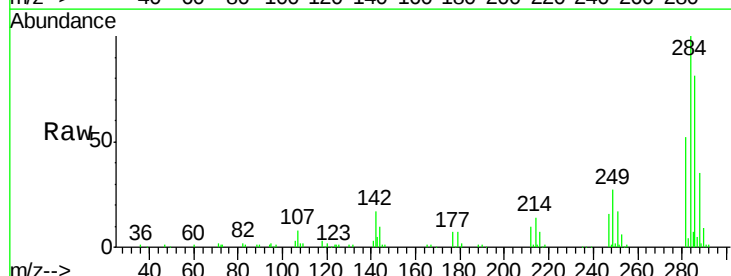


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

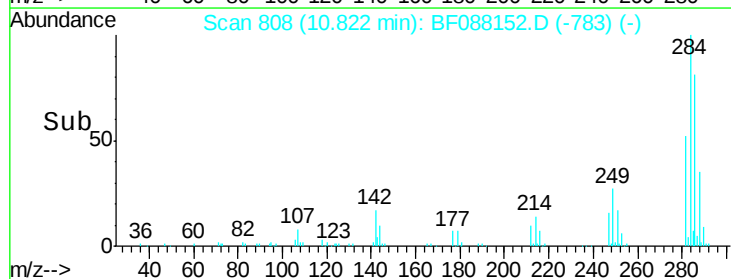
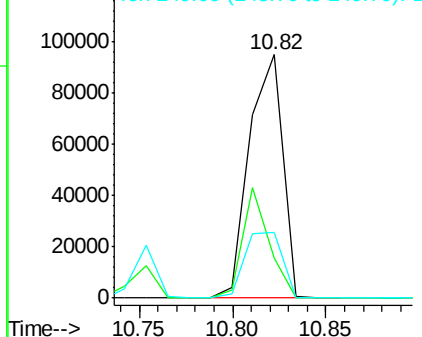


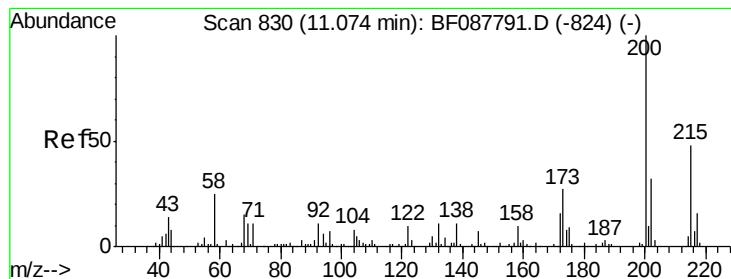
#67
 Hexachlorobenzene
 Concen: 46.33 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:284 Resp: 117459
 Ion Ratio Lower Upper
 284 100
 142 16.5 35.8 53.8#
 249 27.1 25.8 38.6



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: 38.79 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

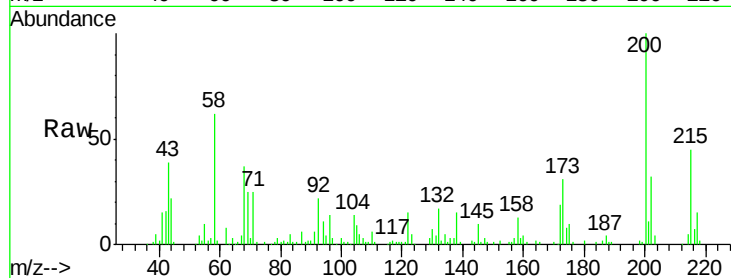
Tgt Ion:200 Resp: 88655

Ion Ratio Lower Upper

200 100

173 30.7 4.0 44.0

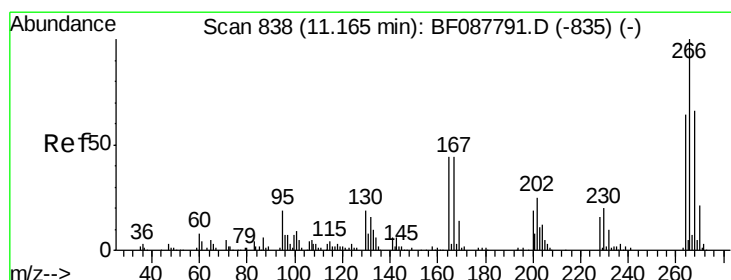
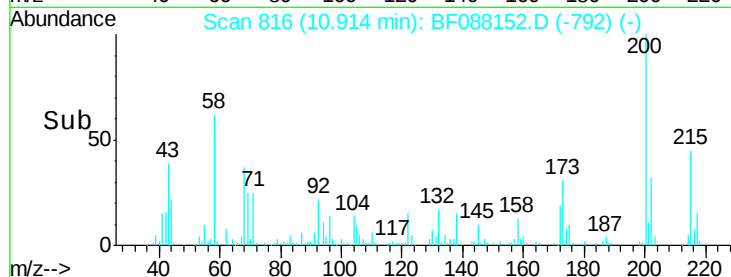
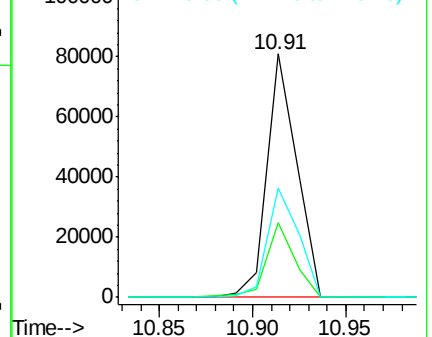
215 44.8 29.3 69.3



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: 48.65 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

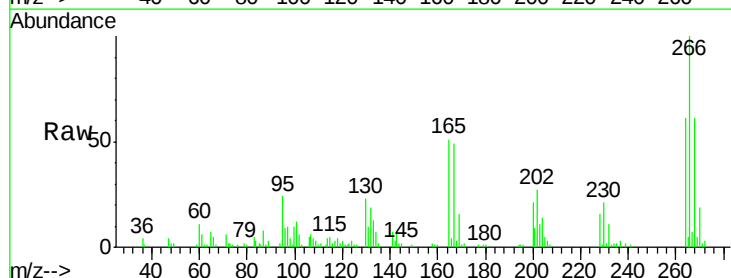
Tgt Ion:266 Resp: 65007

Ion Ratio Lower Upper

266 100

268 61.0 52.8 79.2

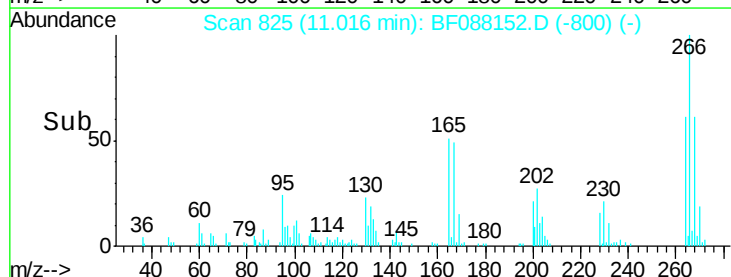
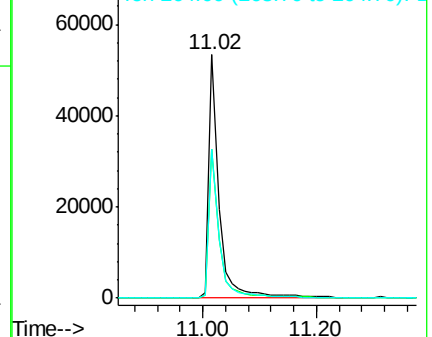
264 61.3 49.6 74.4

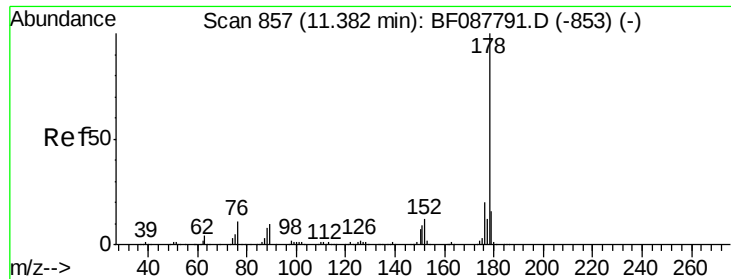


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

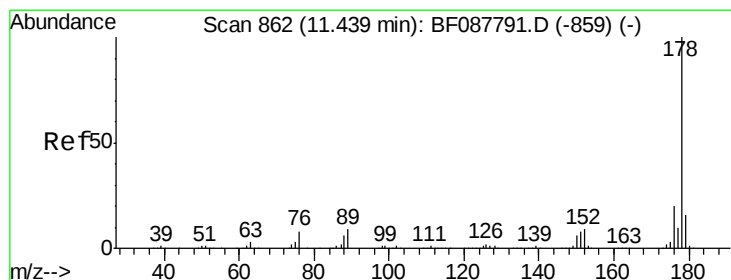
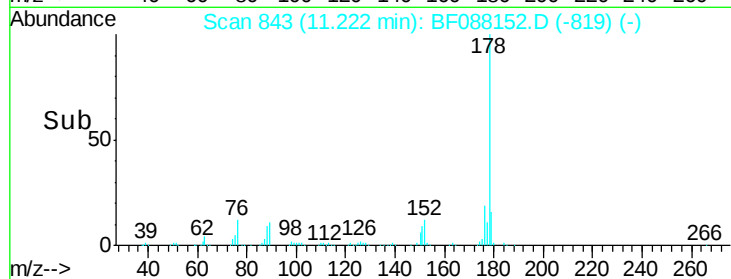
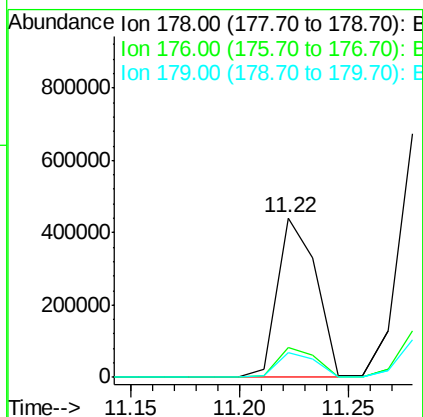
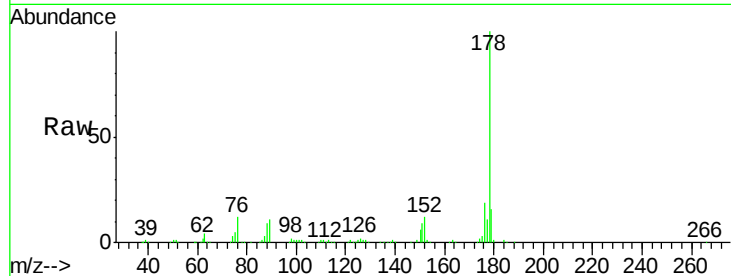




#70
Phenanthrene
Concen: 45.81 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

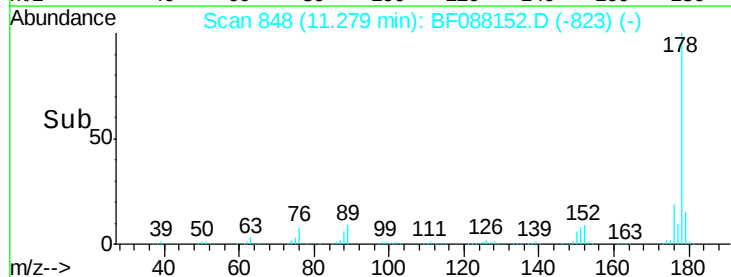
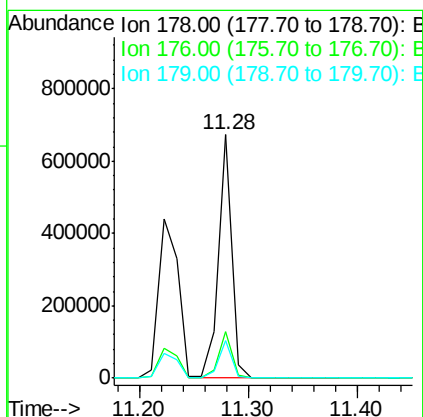
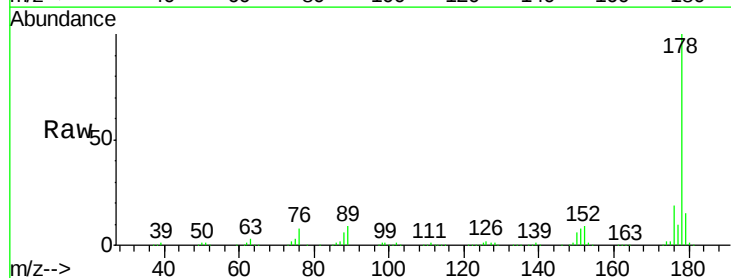
Instrument :
BNA_F
ClientSampleId :
PB91406BS

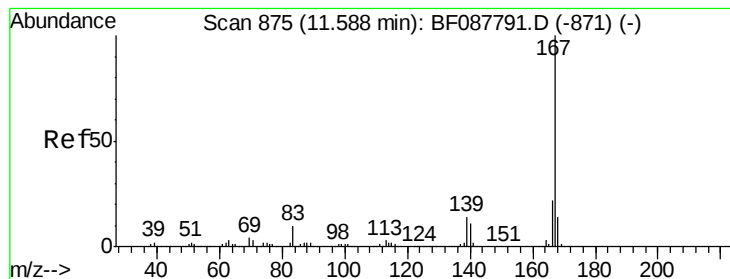
Tgt Ion:178 Resp: 546670
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.9 13.0 19.4



#71
Anthracene
Concen: 48.23 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:178 Resp: 580594
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.4 12.8 19.2





#72

Carbazole

Concen: 47.65 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

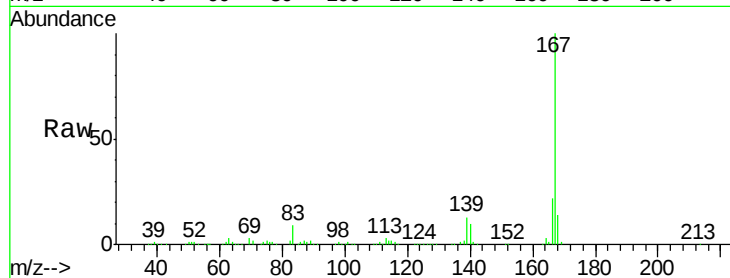
Tgt Ion:167 Resp: 536795

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

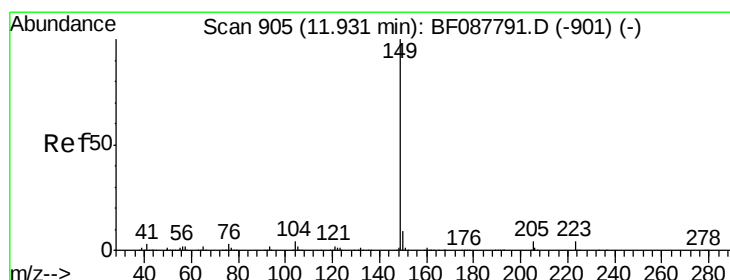
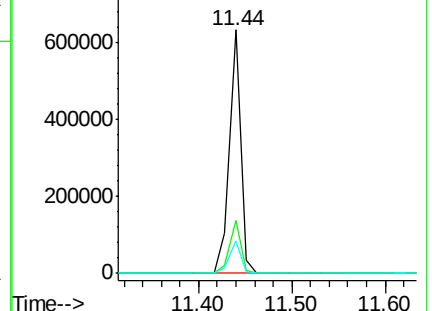
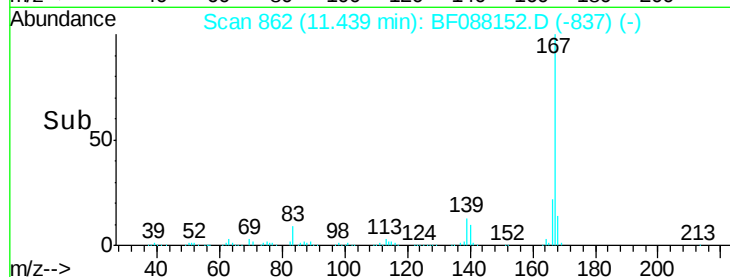
139 13.3 11.2 16.8



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: 46.38 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

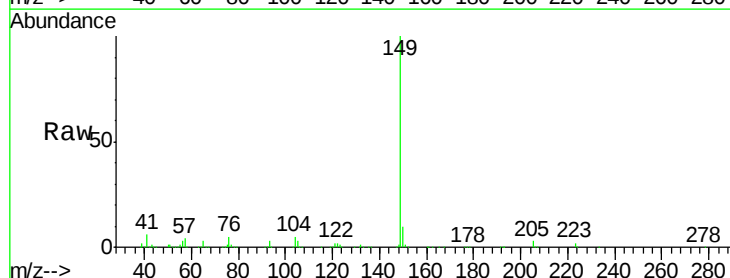
Tgt Ion:149 Resp: 661470

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

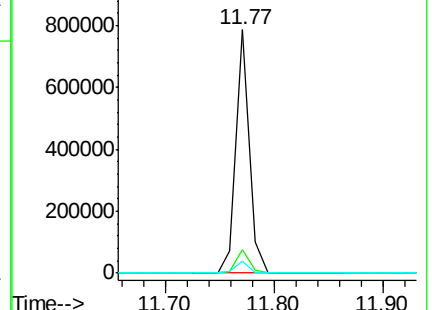
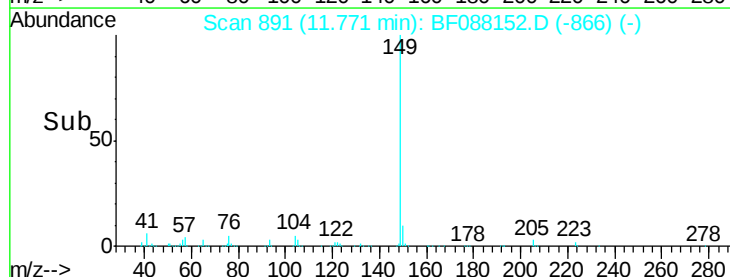
104 4.9 4.0 6.0

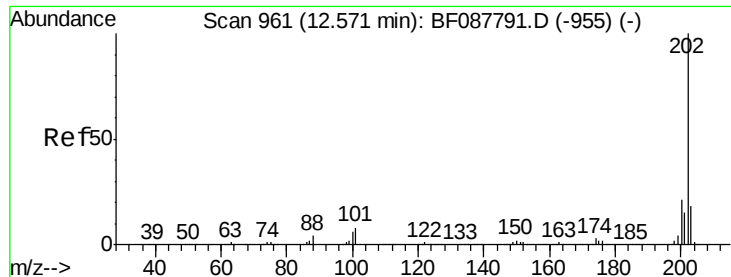


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

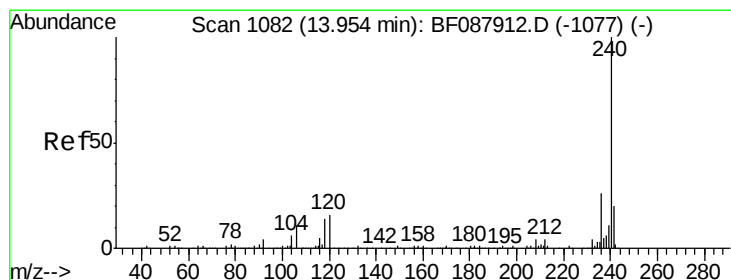
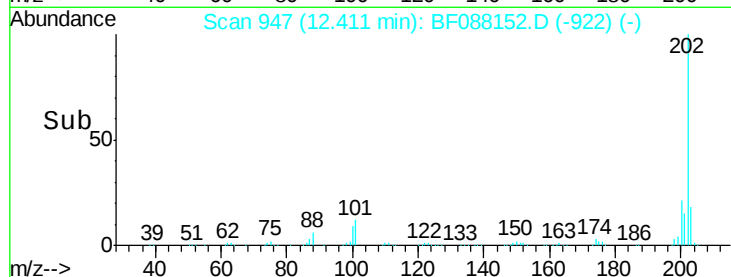
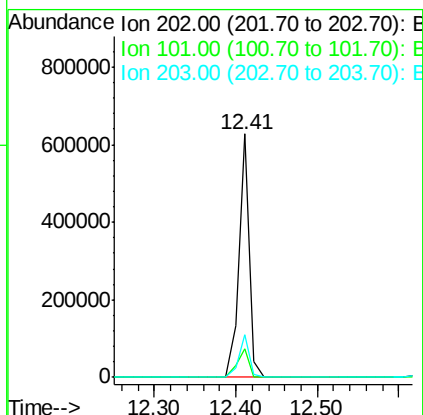
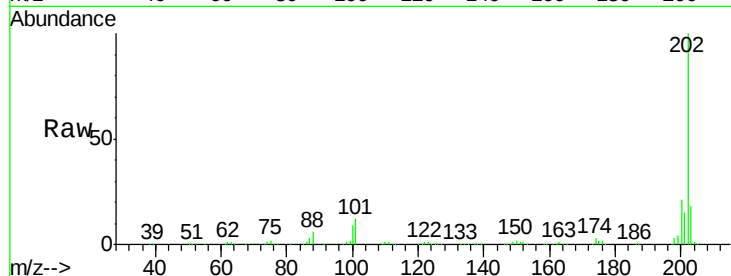




#74
 Fluoranthene
 Concen: 44.01 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

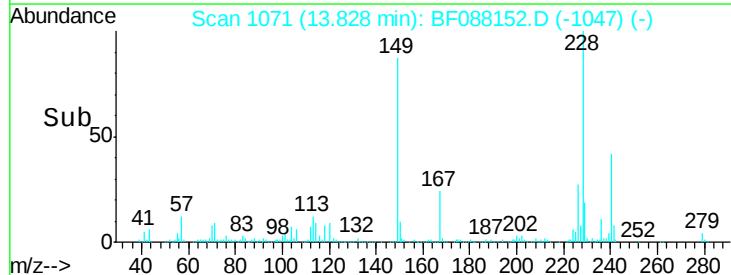
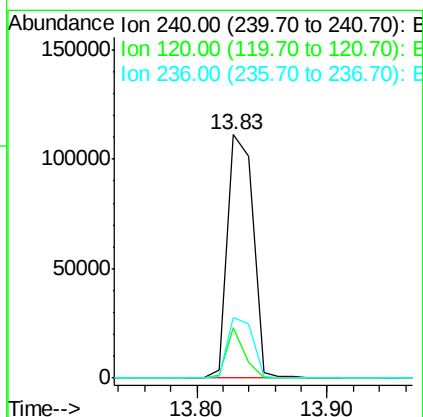
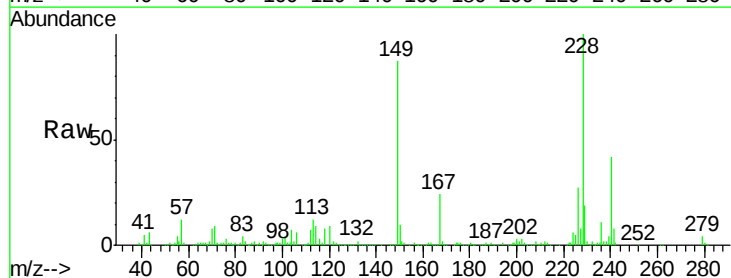
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.1
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.4	6.8	10.2#
236	25.1	20.2	30.2

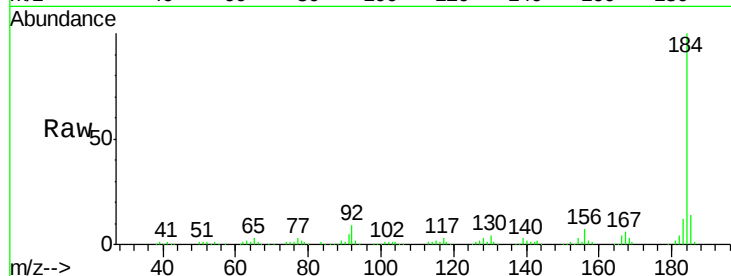




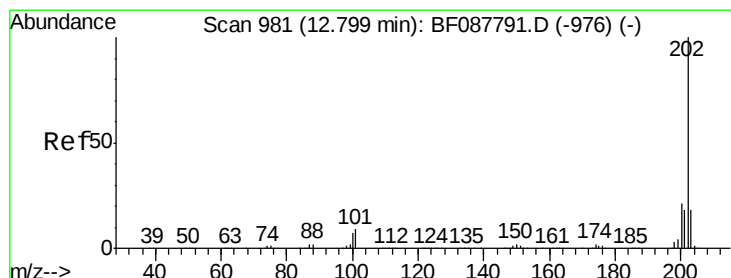
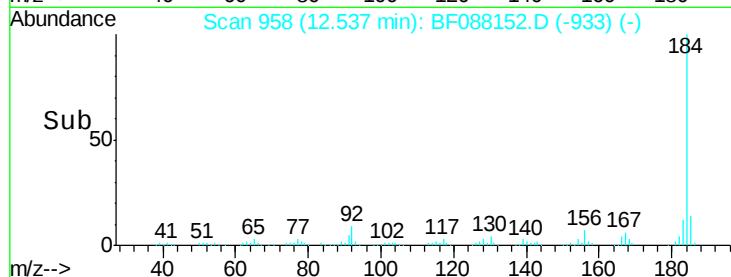
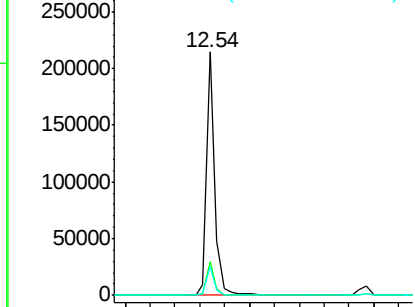
#76
Benzidine
Concen: 47.46 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:184 Resp: 198911
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.7 9.3 13.9

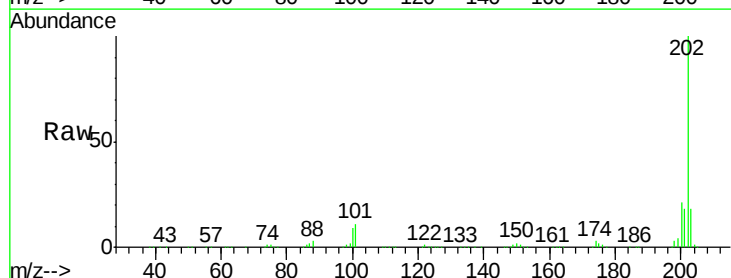


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

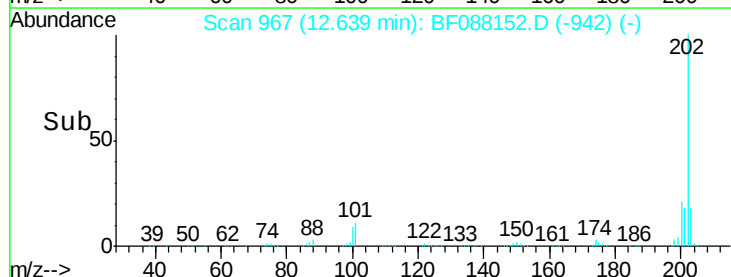
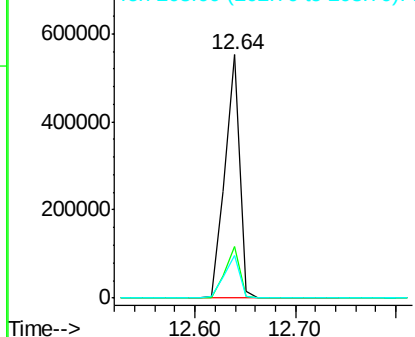


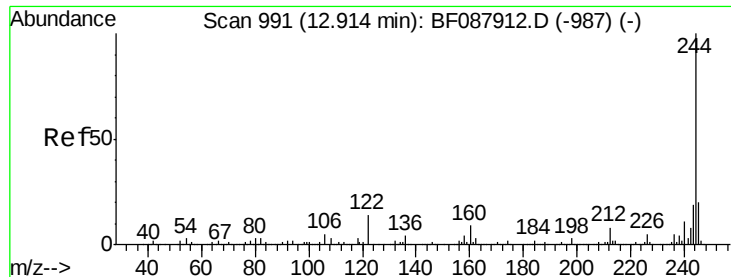
#77
Pyrene
Concen: 50.02 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:202 Resp: 561792
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.5 21.7



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

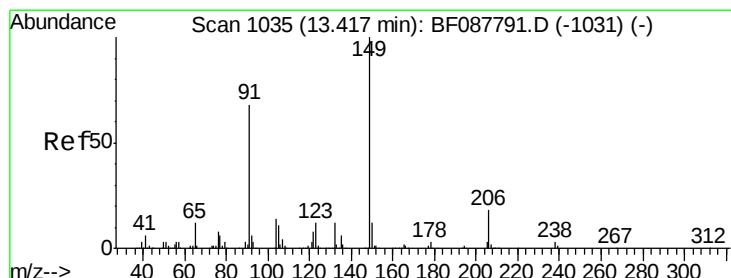
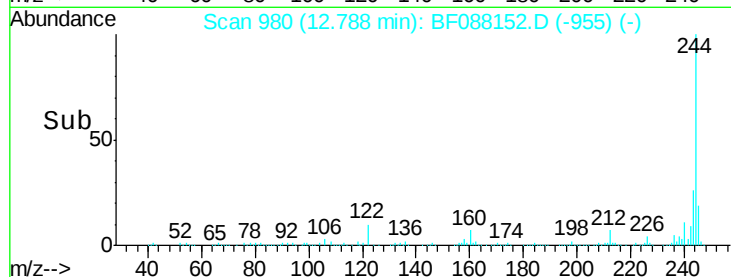
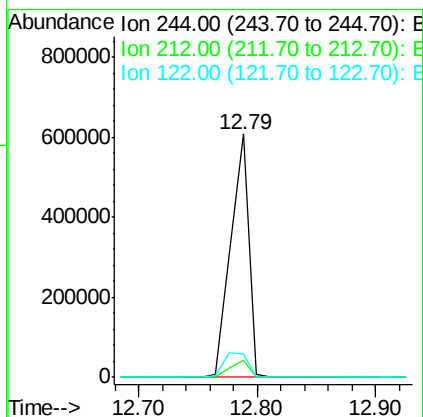
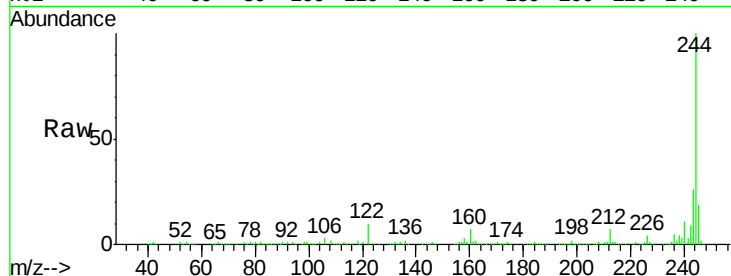




#78
 Terphenyl-d14
 Concen: 96.75 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

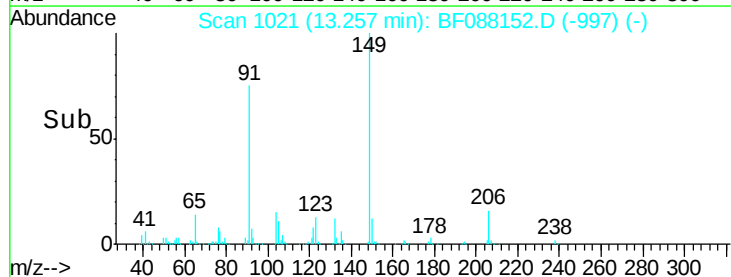
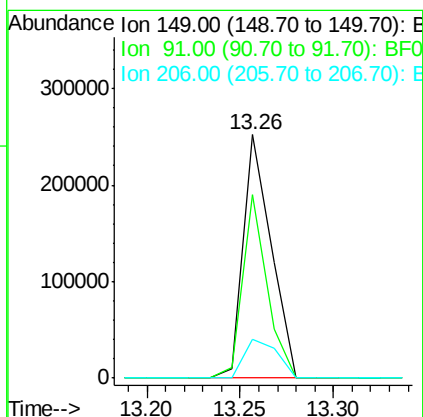
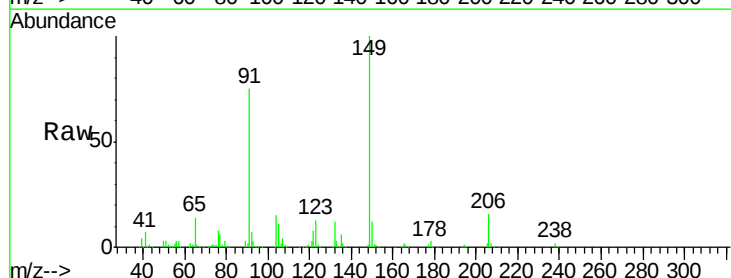
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

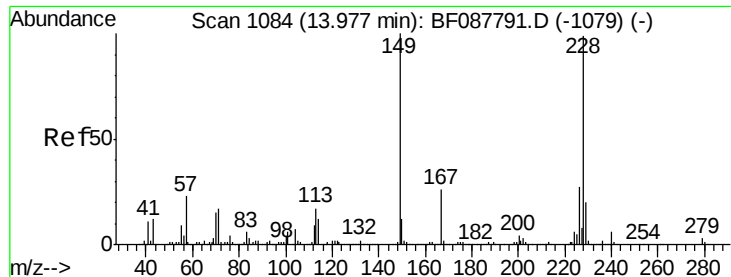
Tgt Ion:244 Resp: 643559
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 52.94 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:149 Resp: 262878
 Ion Ratio Lower Upper
 149 100
 91 75.3 48.0 72.0#
 206 15.8 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 48.08 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

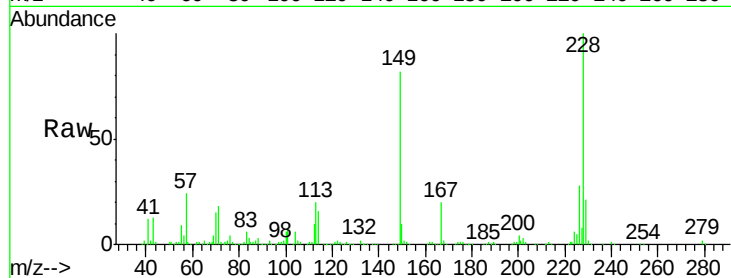
Tgt Ion:228 Resp: 414693

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

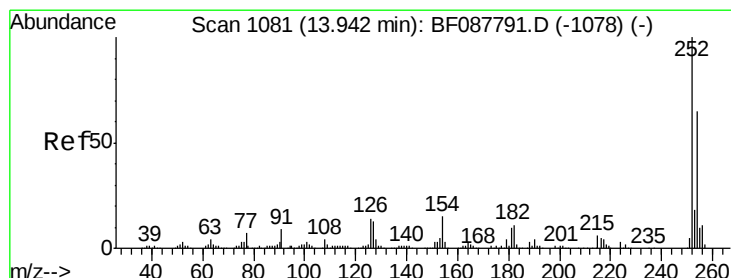
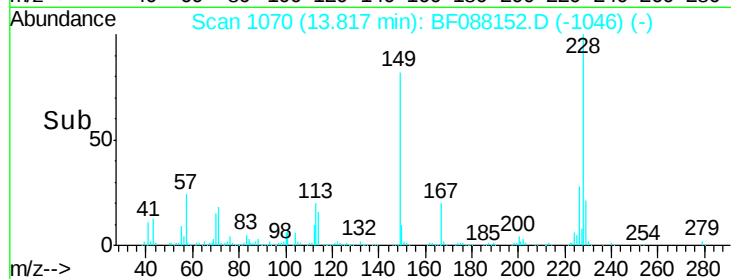
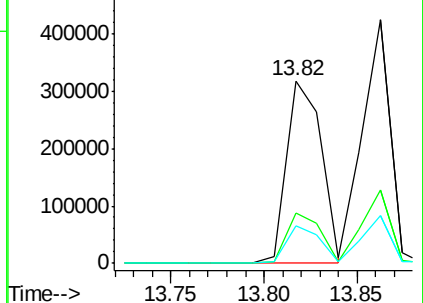
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 50.92 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

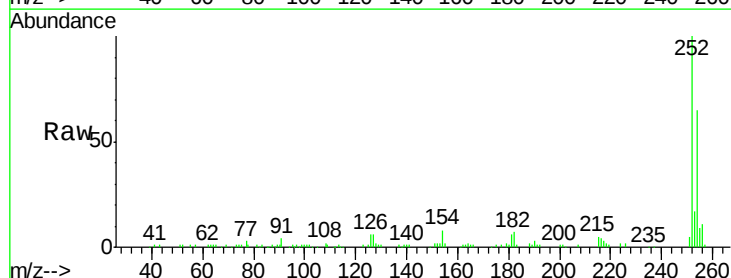
Tgt Ion:252 Resp: 118111

Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

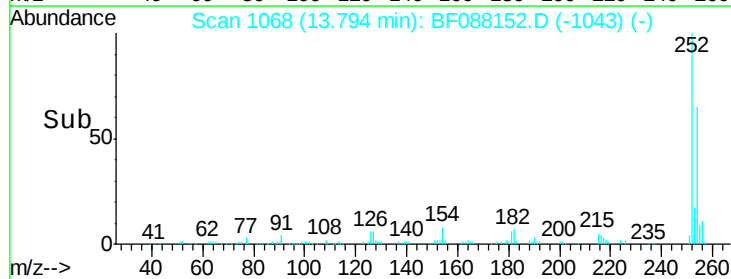
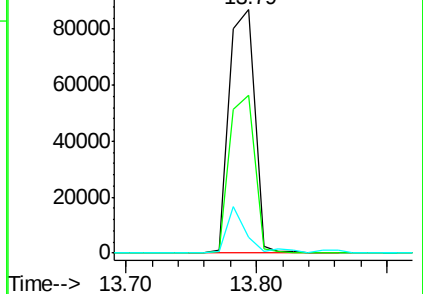
126 6.3 6.2 9.2

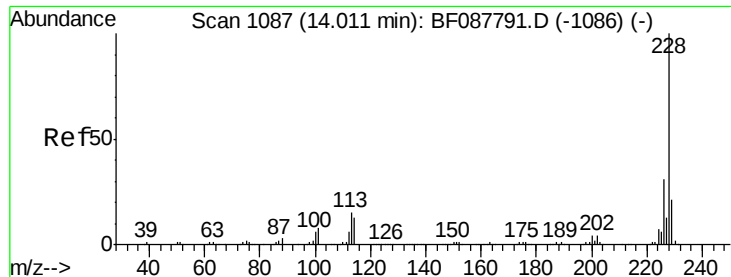


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 54.59 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

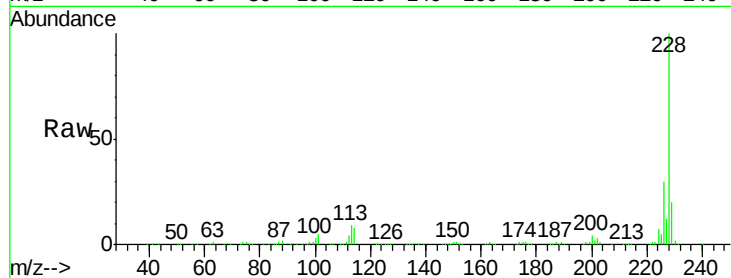
Tgt Ion:228 Resp: 442978

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

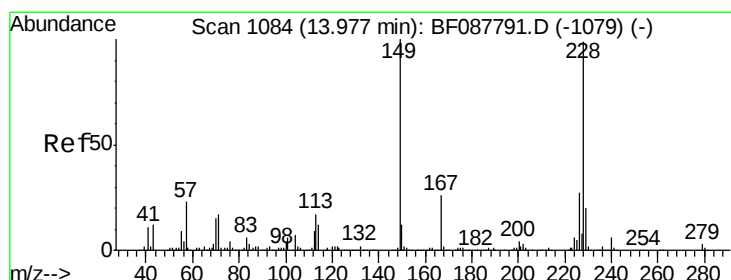
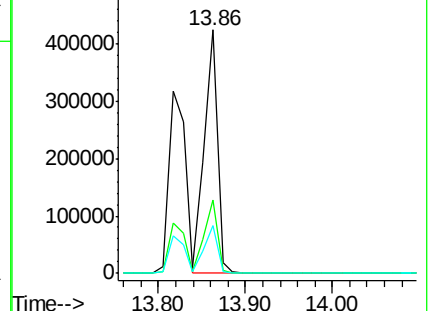
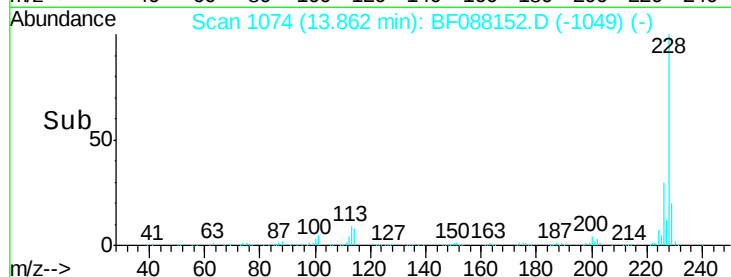
229 19.8 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.41 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

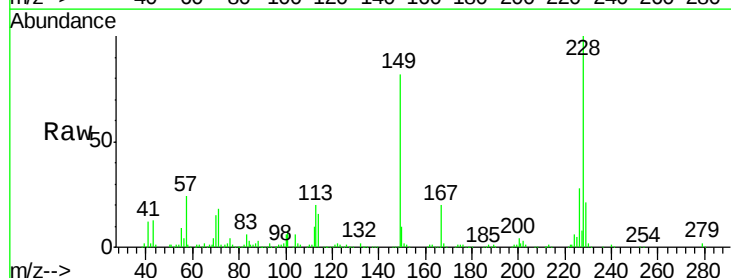
Tgt Ion:149 Resp: 347014

Ion Ratio Lower Upper

149 100

167 24.3 20.5 30.7

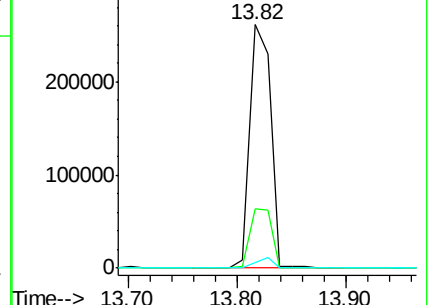
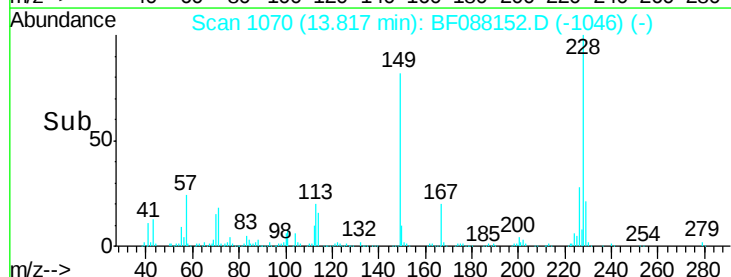
279 2.1 2.0 3.0

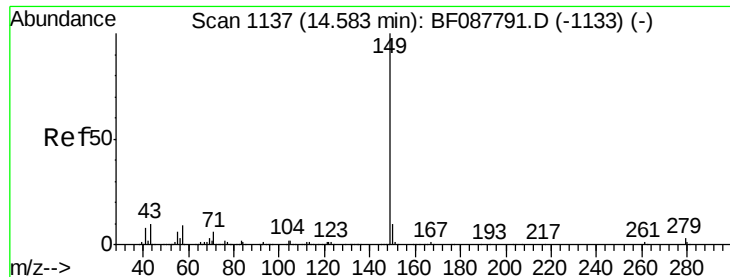


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

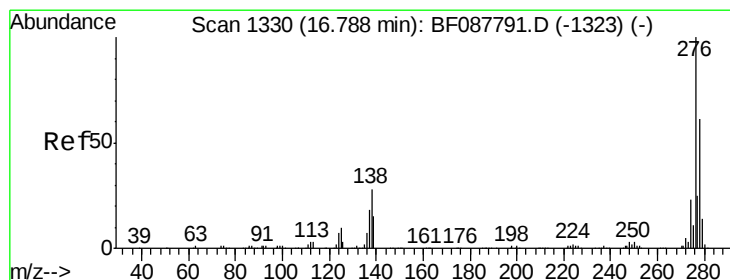
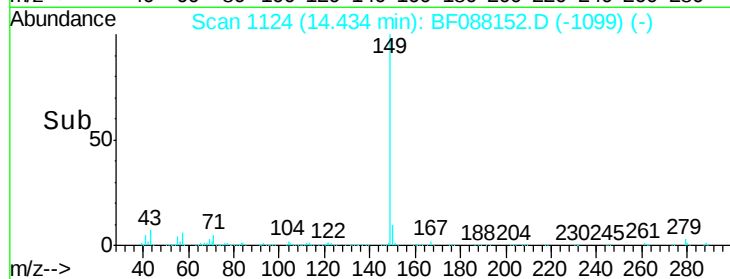
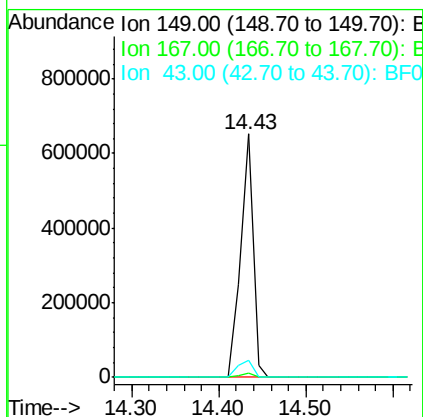
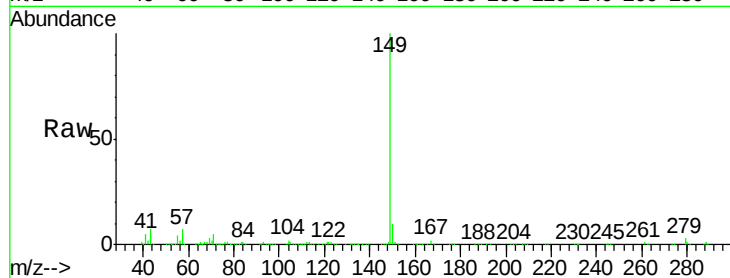




#84
 Di-n-octyl phthalate
 Concen: 65.72 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

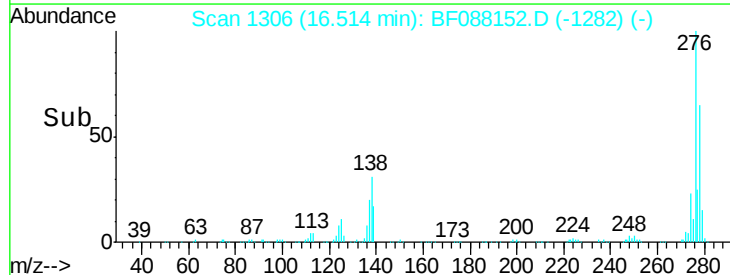
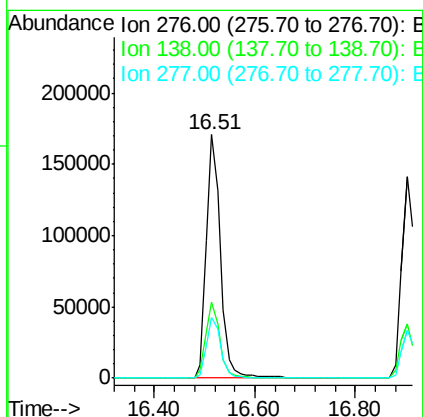
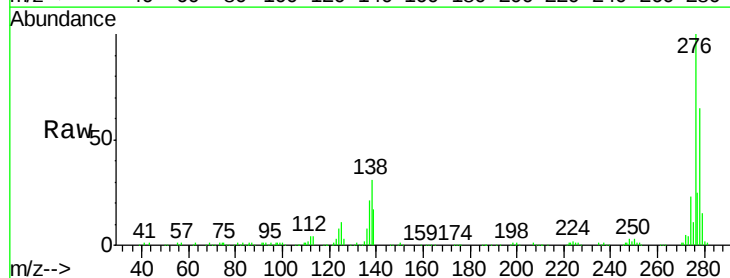
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

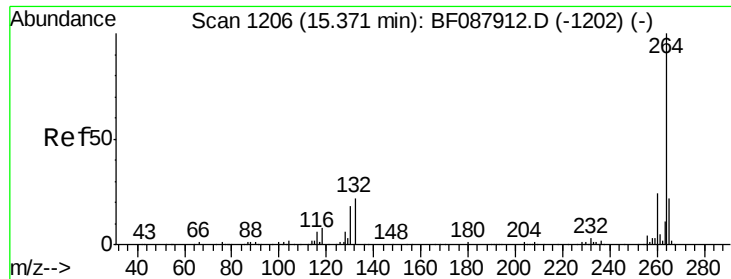
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.4	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.81 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	0.0	0.0#
277	25.1	0.0	0.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

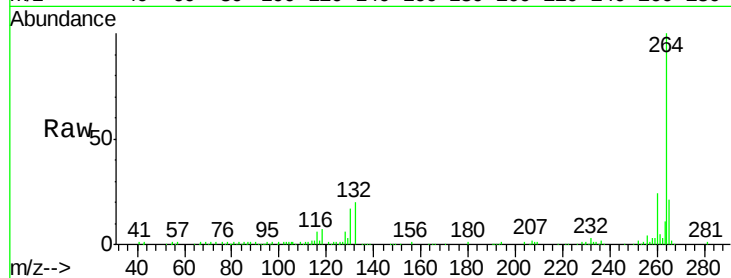
Tgt Ion:264 Resp: 131014

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

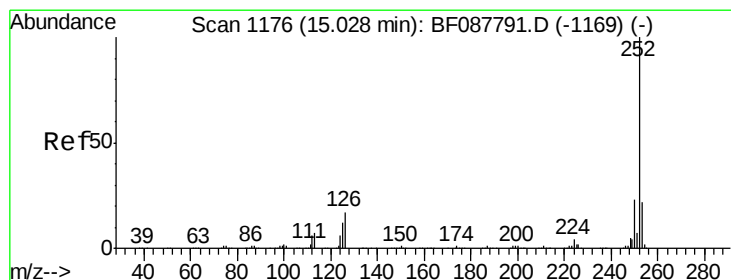
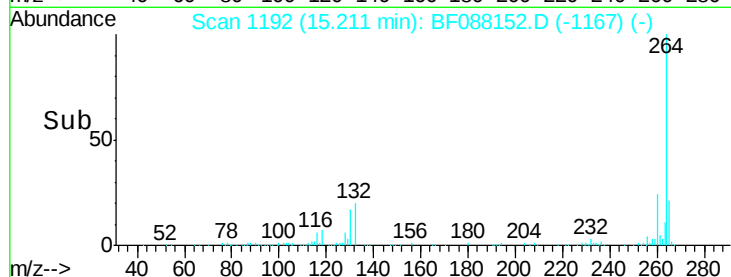
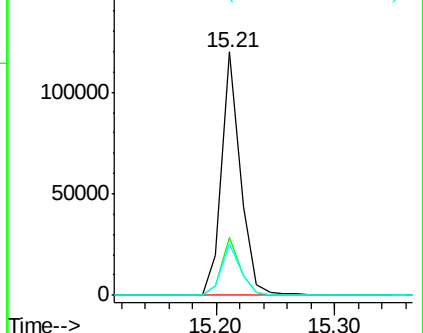
265 21.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 81.82 ng

RT: 14.86 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

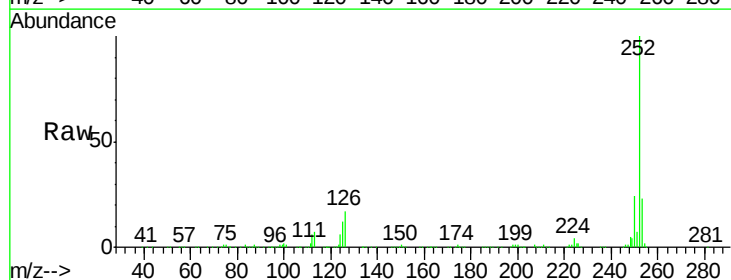
Tgt Ion:252 Resp: 747114

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

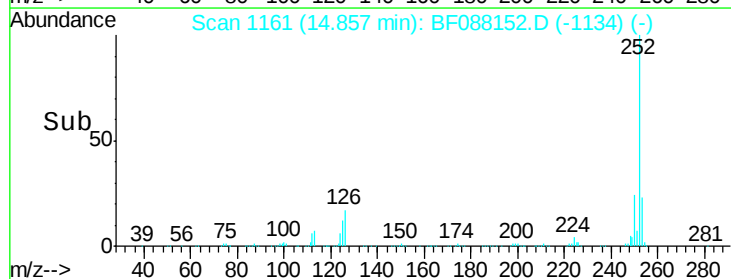
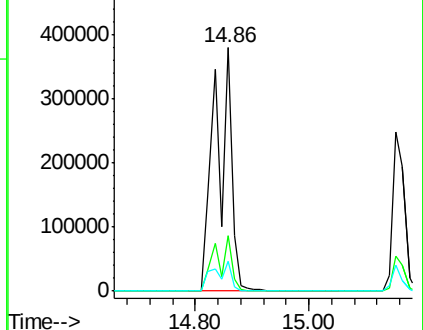
125 12.1 7.1 10.7#

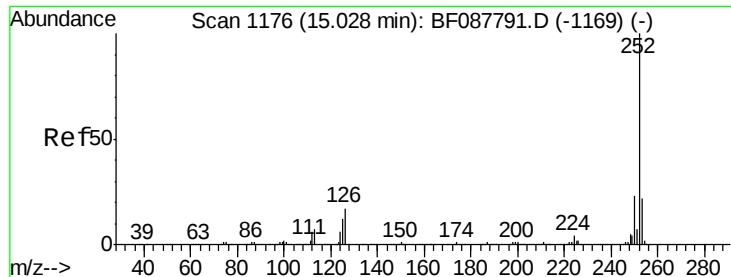


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

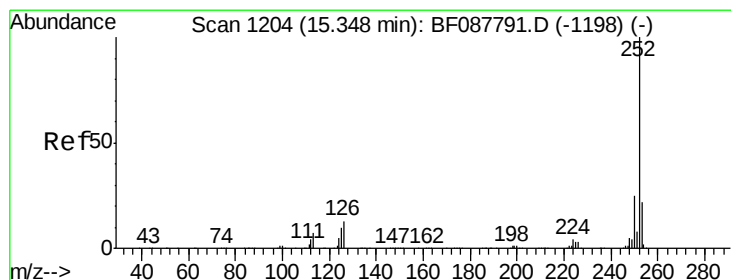
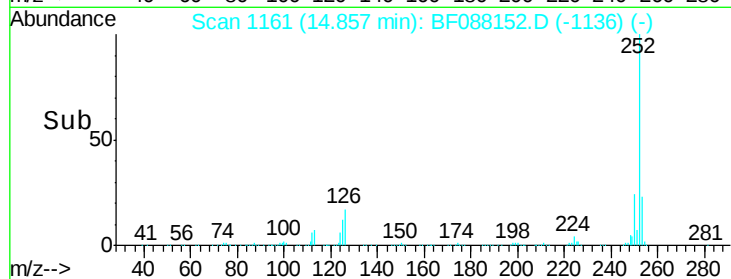
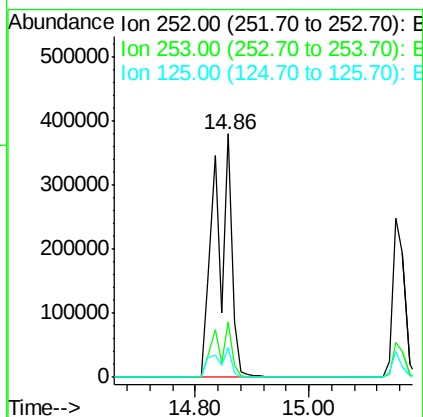
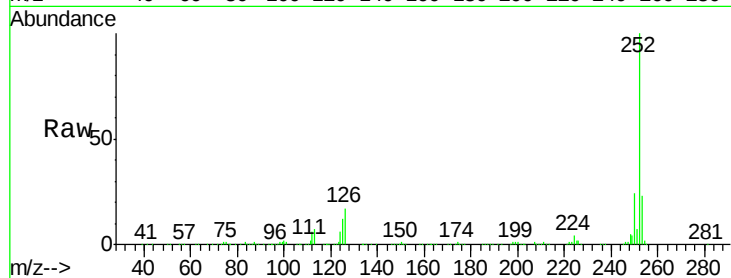




#88
Benzo(k)fluoranthene
Concen: 108.46 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

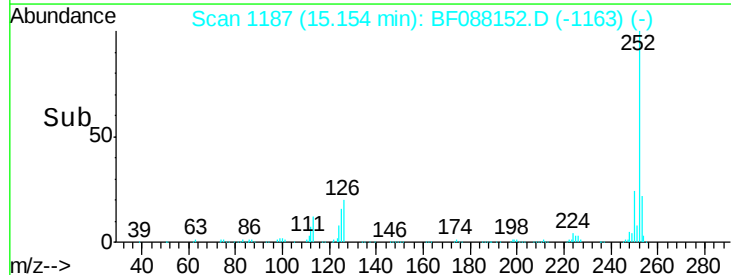
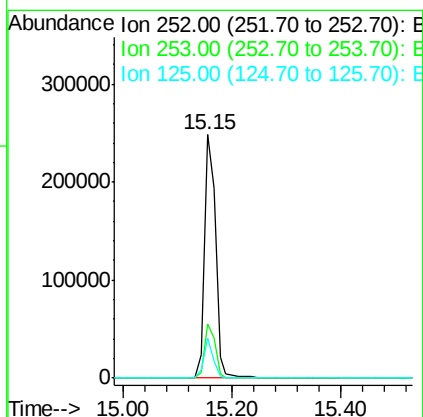
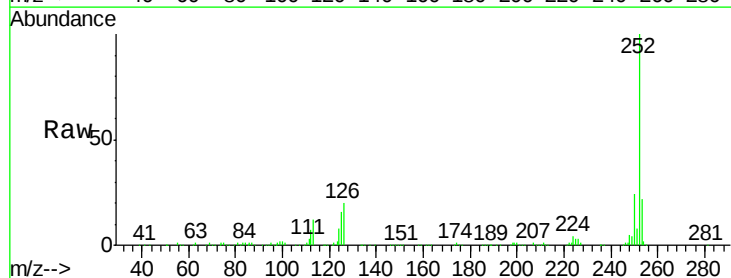
Instrument :
BNA_F
ClientSampleId :
PB91406BS

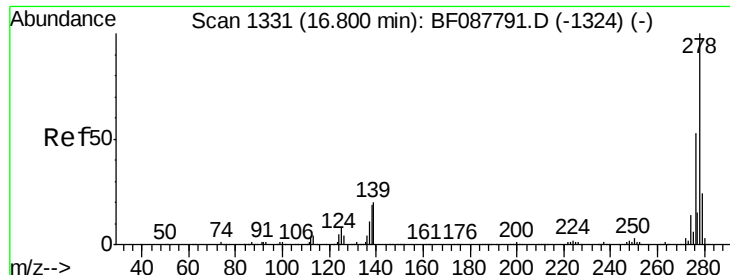
Tgt Ion:252 Resp: 747114
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.1 11.2 16.8



#89
Benzo(a)pyrene
Concen: 46.85 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:252 Resp: 346128
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 16.2 12.5 18.7



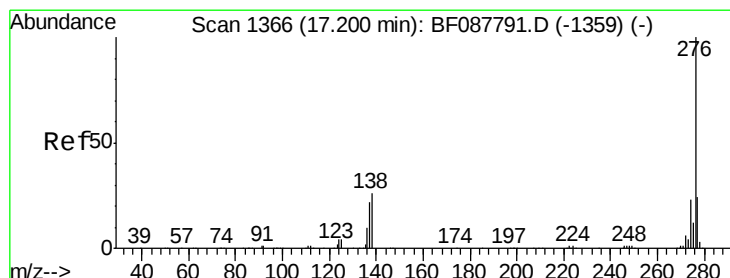
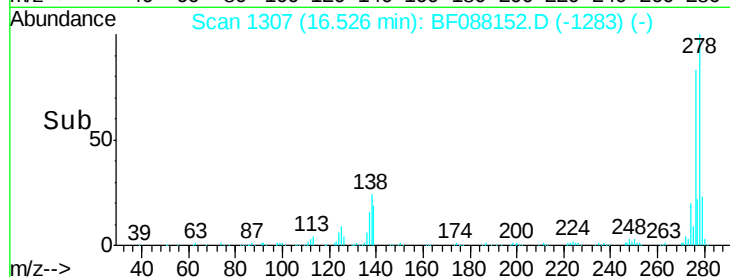
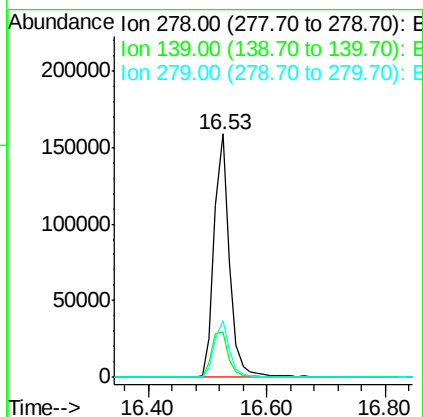
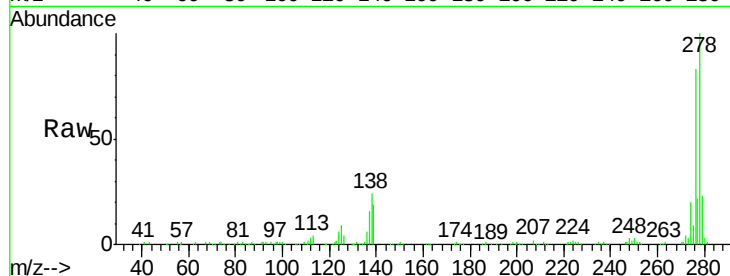


#90
Dibenzo(a,h)anthracene
Concen: 41.61 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tgt Ion:278 Resp: 285516

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 40.53 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion:276 Resp: 286074

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	26.9	21.4	32.2

