

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088183.D
 Acq On : 20 Jun 2016 20:53
 Operator : UM/SJ
 Sample : PB91363BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Quant Time: Jun 21 01:03:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	94887	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	397171	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	191290	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	347960	20.00	ng	0.00
75) Chrysene-d12	13.81	240	268683	20.00	ng	0.00
86) Perylene-d12	15.18	264	223742	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	330621	59.57	ng	0.01
7) Phenol-d6	6.32	99	377968	56.19	ng	-0.01
23) Nitrobenzene-d5	7.23	82	356004	52.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	96775	47.91	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	711933	56.62	ng	-0.01
78) Terphenyl-d14	12.76	244	683715	57.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	58774	21.79	ng	# 25
3) Pyridine	2.88	79	155001	24.34	ng	91
4) n-Nitrosodimethylamine	2.83	42	72560	26.91	ng	# 74
6) Aniline	6.33	93	132735	13.86	ng	# 23
8) 2-Chlorophenol	6.46	128	204834	31.18	ng	87
10) Phenol	6.33	94	207492	28.99	ng	# 56
11) bis(2-Chloroethyl)ether	6.41	93	179294	30.40	ng	85
12) 1,3-Dichlorobenzene	6.60	146	205445	29.15	ng	97
13) 1,4-Dichlorobenzene	6.68	146	213220	30.03	ng	98
14) 1,2-Dichlorobenzene	6.68	146	213220	33.02	ng	96
15) Benzyl Alcohol	6.82	79	134791	25.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	210243	26.38	ng	79
17) 2-Methylphenol	6.95	107	162871	30.57	ng	98
18) Hexachloroethane	7.18	117	76461	30.35	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	125064	29.06	ng	# 78
20) 3+4-Methylphenols	7.11	107	211746	34.06	ng	# 74
22) Acetophenone	7.08	105	259703	29.26	ng	98
24) Nitrobenzene	7.26	77	198290	30.10	ng	93
25) Isophorone	7.50	82	346228	27.48	ng	99
26) 2-Nitrophenol	7.58	139	109302	30.97	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	166693	25.65	ng	93
28) bis(2-Chloroethoxy)methane	7.71	93	227132	29.07	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	164860	30.39	ng	91
30) 1,2,4-Trichlorobenzene	7.90	180	166490	28.18	ng	99
31) Naphthalene	7.98	128	587696	29.90	ng	99
32) Benzoic acid	7.76	122	54116	15.12	ng	95
33) 4-Chloroaniline	8.03	127	102556	11.69	ng	95
34) Hexachlorobutadiene	8.09	225	86642	27.81	ng	98
35) Caprolactam	8.40	113	36554	20.34	ng	87
36) 4-Chloro-3-methylphenol	8.54	107	171992	29.64	ng	87
37) 2-Methylnaphthalene	8.66	142	361084	27.87	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	161543	28.82	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	74705	24.21	ng	97
42) 2,4,6-Trichlorophenol	8.96	196	96254	25.16	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088183.D
 Acq On : 20 Jun 2016 20:53
 Operator : UM/SJ
 Sample : PB91363BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Quant Time: Jun 21 01:03:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	104890	26.36	ng	97
45) 1,1'-Biphenyl	9.13	154	471200	30.87	ng	98
46) 2-Chloronaphthalene	9.15	162	363488	29.36	ng	97
47) 2-Nitroaniline	9.26	65	100776	27.60	ng	87
48) Acenaphthylene	9.56	152	565991	28.75	ng	99
49) Dimethylphthalate	9.44	163	449616	32.45	ng	99
50) 2,6-Dinitrotoluene	9.50	165	89859	28.32	ng	# 62
51) Acenaphthene	9.74	154	340526	27.72	ng	98
52) 3-Nitroaniline	9.67	138	61496	16.79	ng	88
53) 2,4-Dinitrophenol	9.78	184	48928	34.06	ng	90
54) Dibenzofuran	9.91	168	470239	27.80	ng	# 91
55) 4-Nitrophenol	9.85	139	98752	34.75	ng	97
56) 2,4-Dinitrotoluene	9.91	165	118548	29.07	ng	# 79
57) Fluorene	10.25	166	400450	33.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	87425	27.95	ng	# 58
59) Diethylphthalate	10.14	149	448956	32.01	ng	98
60) 4-Chlorophenyl-phenylether	10.24	204	159137	28.29	ng	93
61) 4-Nitroaniline	10.28	138	107839	31.05	ng	89
62) Azobenzene	10.40	77	402797	29.04	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	45344	22.10	ng	89
65) n-Nitrosodiphenylamine	10.36	169	360648	31.24	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	112662	30.18	ng	95
67) Hexachlorobenzene	10.79	284	108751	28.04	ng	# 88
68) Atrazine	10.89	200	100957	28.88	ng	91
69) Pentachlorophenol	10.99	266	67691	33.11	ng	96
70) Phenanthrene	11.20	178	550438	30.15	ng	99
71) Anthracene	11.26	178	580436	31.51	ng	99
72) Carbazole	11.42	167	553764	32.13	ng	99
73) Di-n-butylphthalate	11.75	149	664177	30.44	ng	99
74) Fluoranthene	12.39	202	596798	30.97	ng	97
76) Benzidine	12.51	184	200998	27.02	ng	98
77) Pyrene	12.62	202	589286	29.56	ng	98
79) Butylbenzylphthalate	13.23	149	274115	31.10	ng	86
80) Benzo(a)anthracene	13.79	228	432180	28.23	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	88811	21.57	ng	# 95
82) Chrysene	13.84	228	468644	32.53	ng	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	342512	31.92	ng	99
84) Di-n-octyl phthalate	14.40	149	646619	37.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	374510	27.98	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	825628	52.94	ng	# 95
88) Benzo(k)fluoranthene	14.80	252	825639	70.19	ng	100
89) Benzo(a)pyrene	15.12	252	391694	31.04	ng	98
90) Dibenzo(a,h)anthracene	16.47	278	316125	26.98	ng	96
91) Benzo(g,h,i)perylene	16.85	276	325477	27.00	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

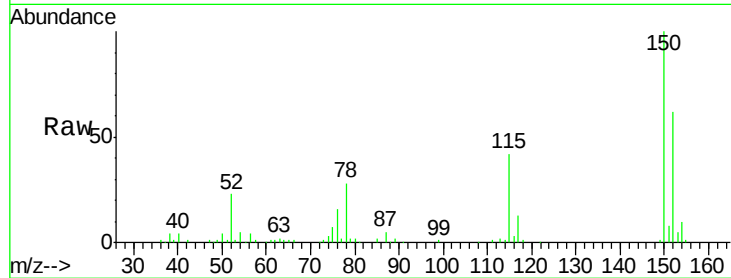
Tgt Ion:152 Resp: 94887

Ion Ratio Lower Upper

152 100

150 161.0 123.8 185.6

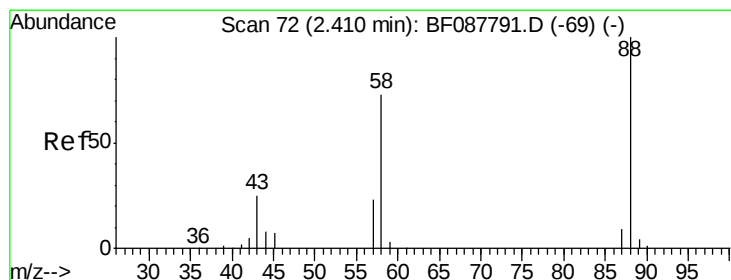
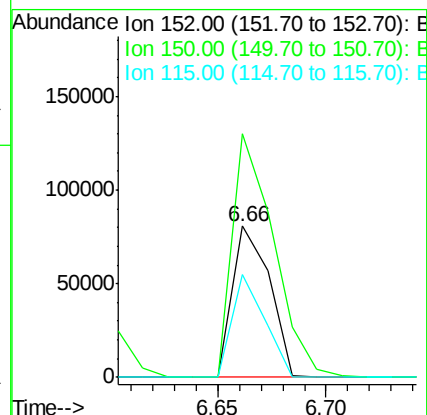
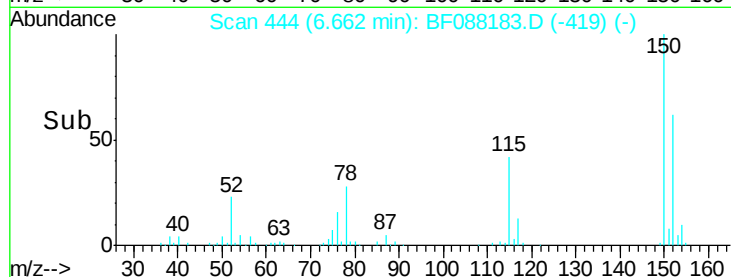
115 68.1 39.6 59.4#



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: 21.79 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.09 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

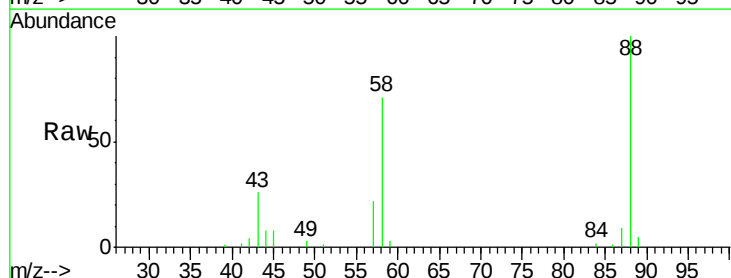
Tgt Ion: 88 Resp: 58774

Ion Ratio Lower Upper

88 100

58 72.0 0.0 0.0#

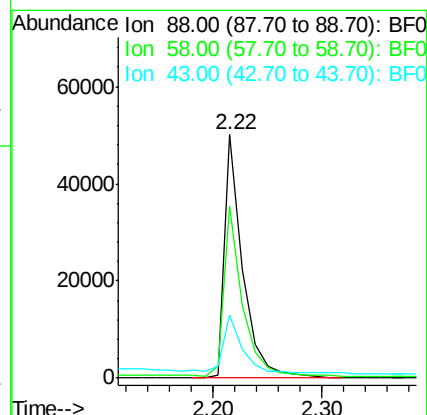
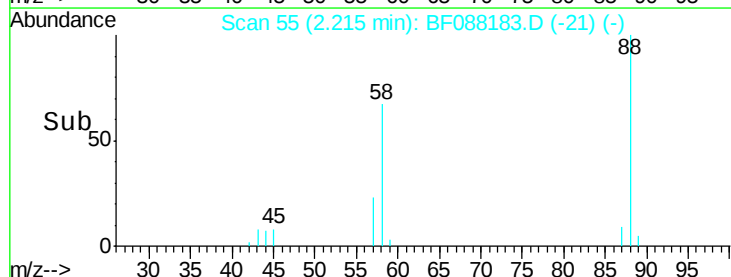
43 28.9 3.4 5.2#

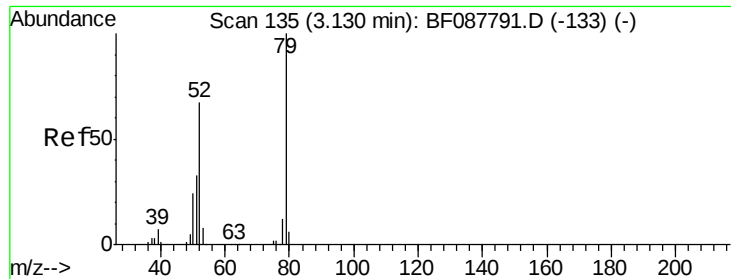


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.34 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

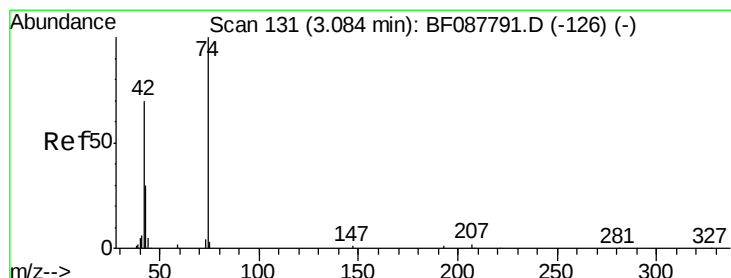
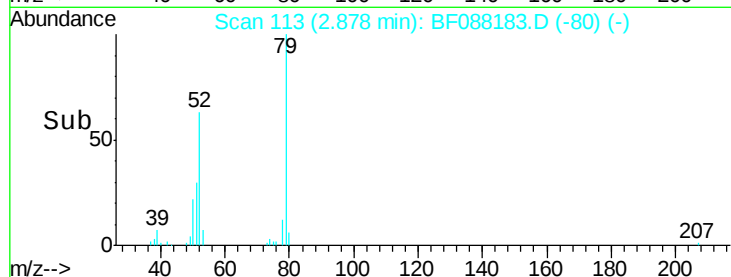
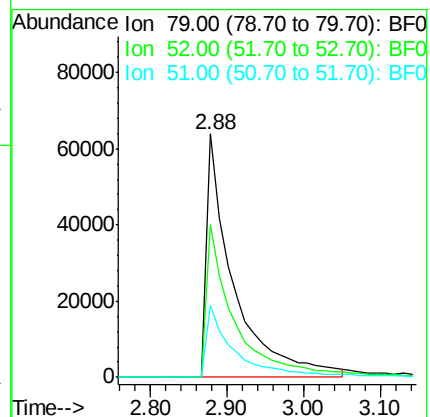
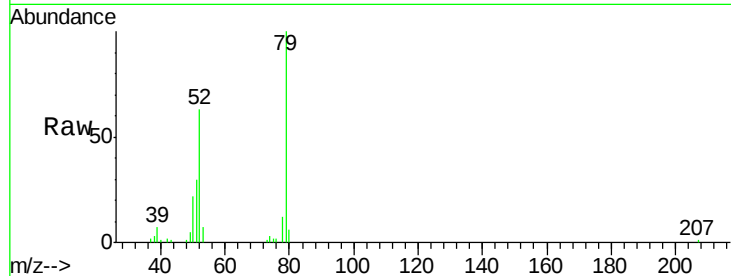
Tgt Ion: 79 Resp: 155001

Ion Ratio Lower Upper

79 100

52 62.7 56.3 84.5

51 29.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 26.91 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.08 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

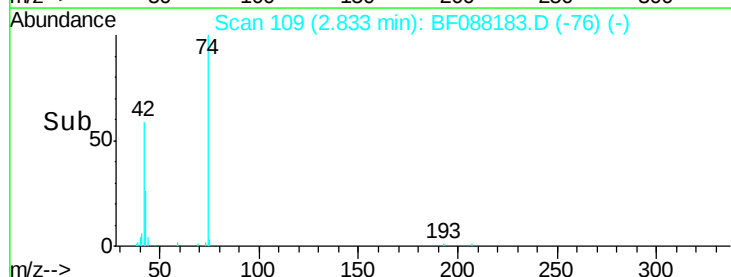
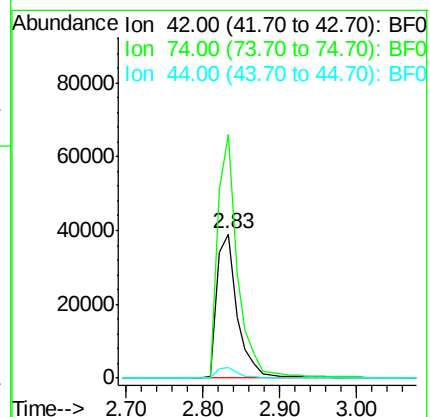
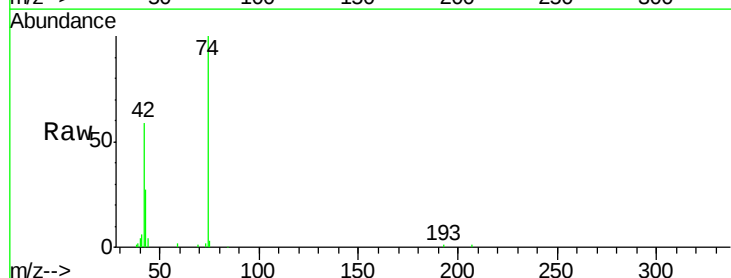
Tgt Ion: 42 Resp: 72560

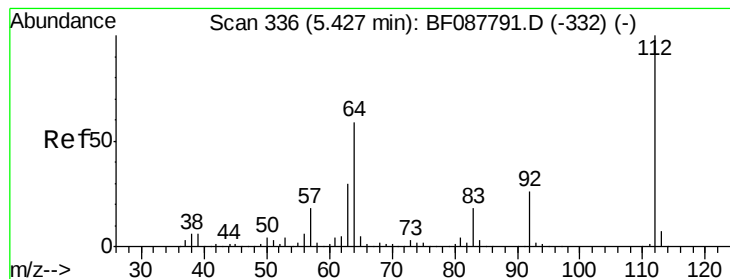
Ion Ratio Lower Upper

42 100

74 168.7 108.6 163.0#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 59.57 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

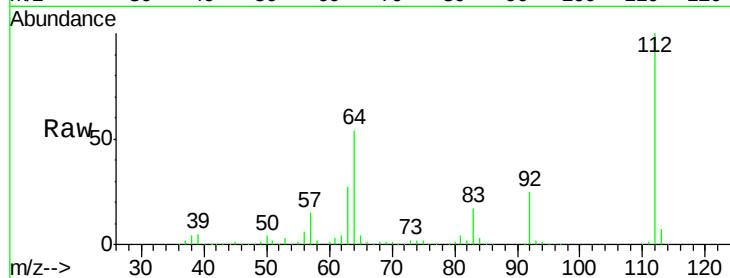
Tgt Ion: 112 Resp: 330621

Ion Ratio Lower Upper

112 100

64 53.9 42.2 63.2

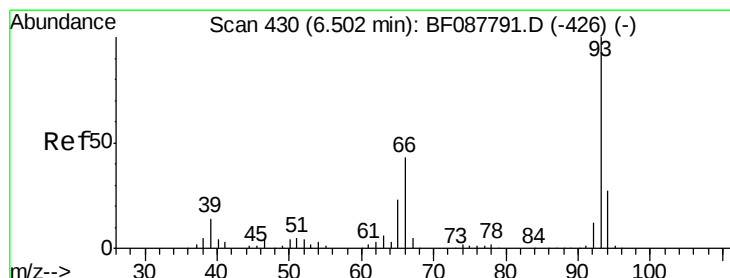
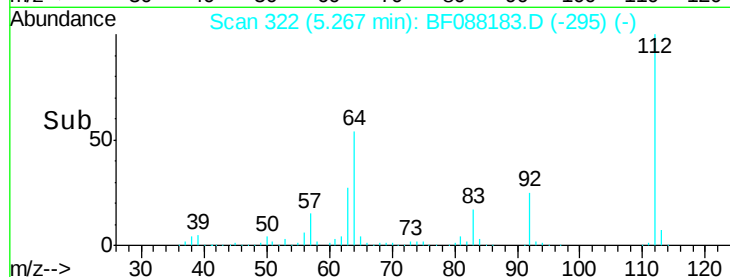
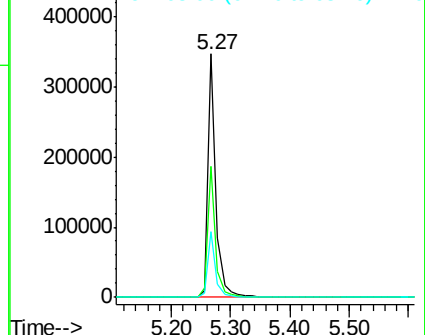
63 27.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.86 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

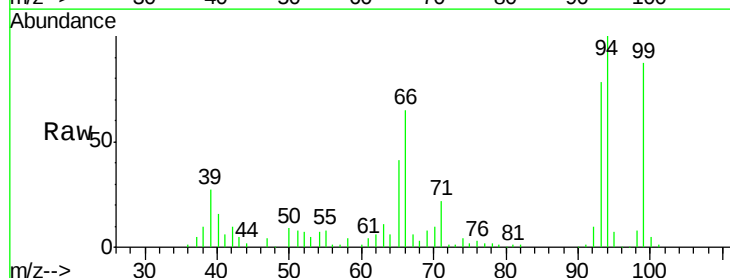
Tgt Ion: 93 Resp: 132735

Ion Ratio Lower Upper

93 100

66 83.5 29.8 44.8#

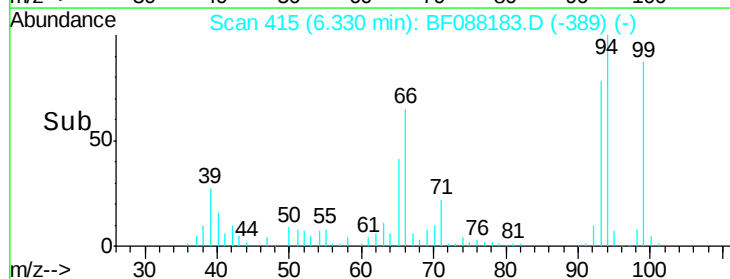
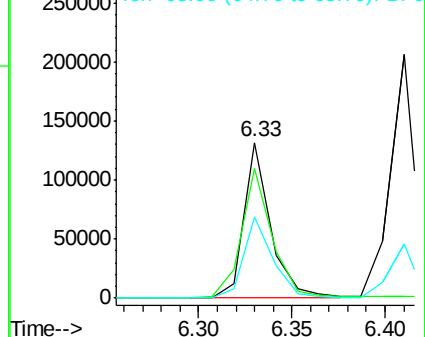
65 52.4 14.9 22.3#

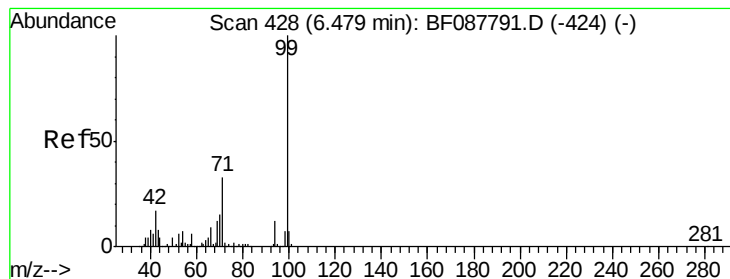


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 56.19 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

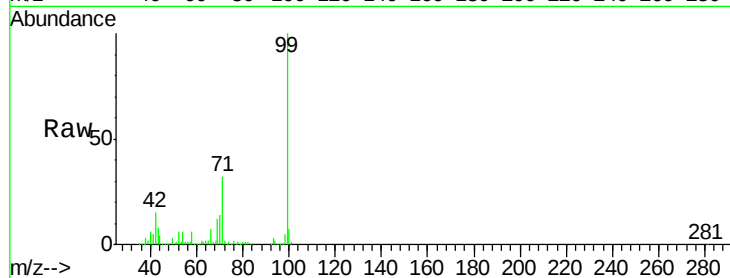
Tgt Ion: 99 Resp: 377968

Ion Ratio Lower Upper

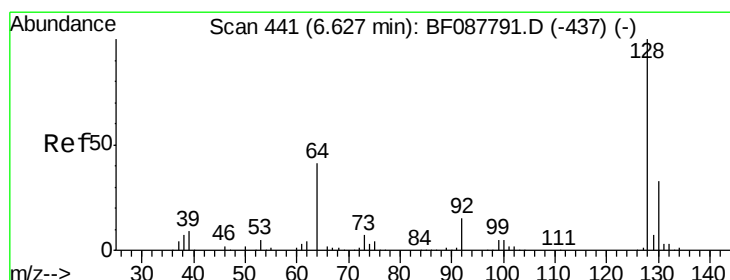
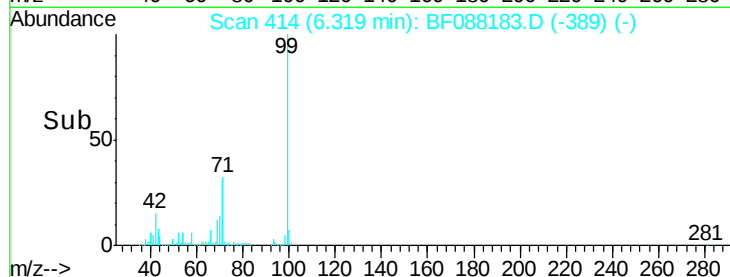
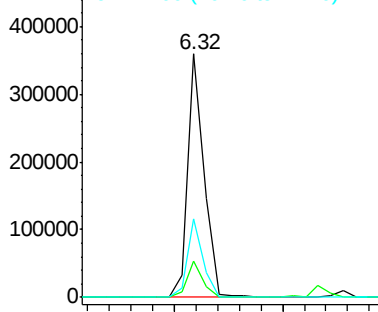
99 100

42 15.2 12.2 18.2

71 32.1 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



#8

2-Chlorophenol

Concen: 31.18 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

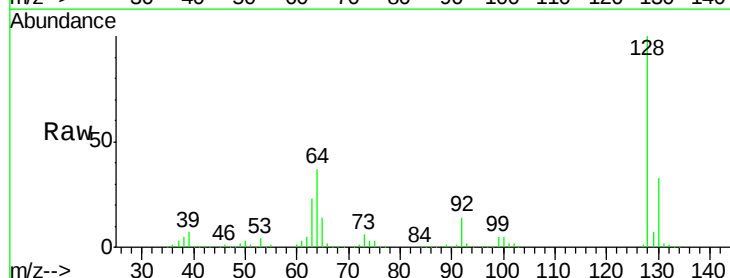
Tgt Ion: 128 Resp: 204834

Ion Ratio Lower Upper

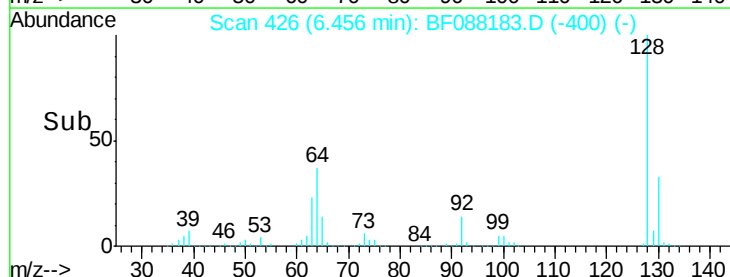
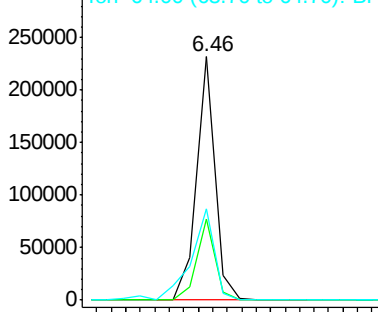
128 100

130 33.1 12.0 52.0

64 37.3 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





#10

Phenol

Concen: 28.99 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

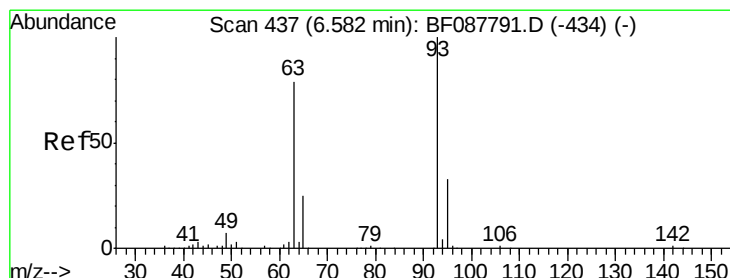
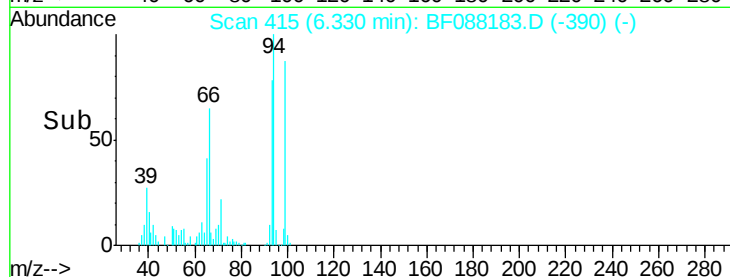
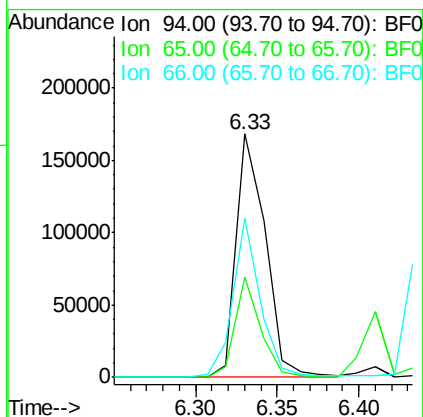
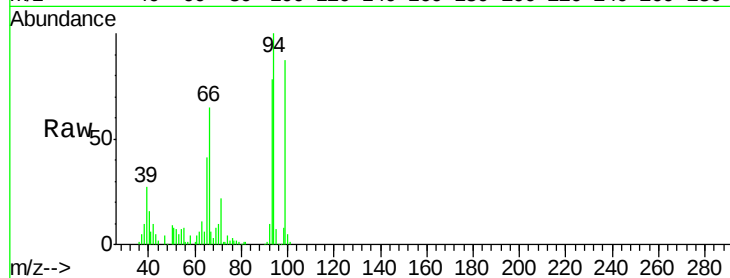
Tgt Ion: 94 Resp: 207492

Ion Ratio Lower Upper

94 100

65 41.1 5.9 45.9

66 65.4 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 30.40 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

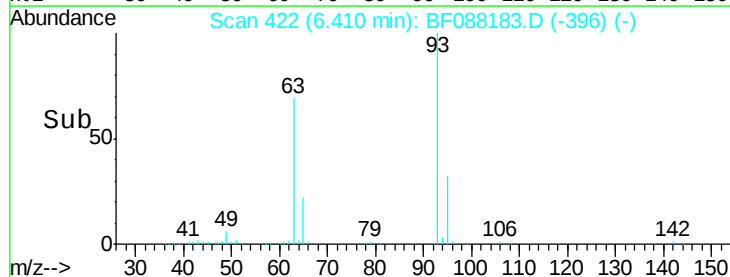
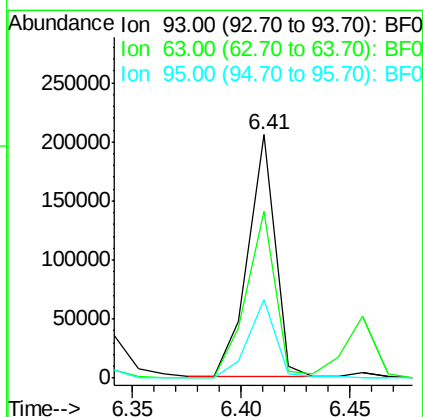
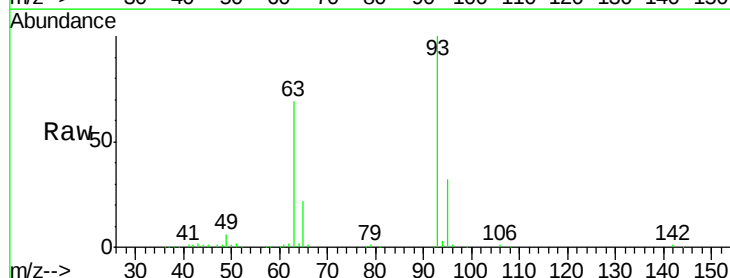
Tgt Ion: 93 Resp: 179294

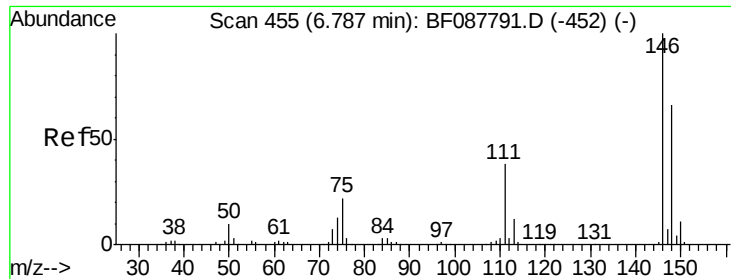
Ion Ratio Lower Upper

93 100

63 68.7 67.6 107.6

95 32.3 12.5 52.5

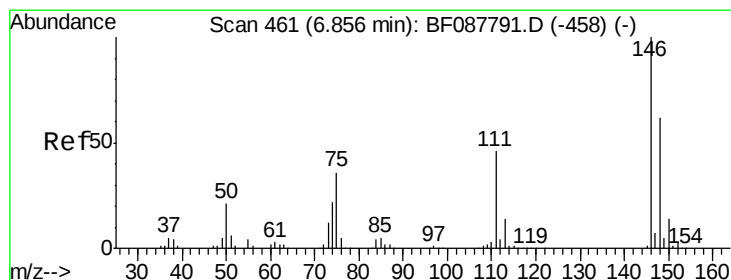
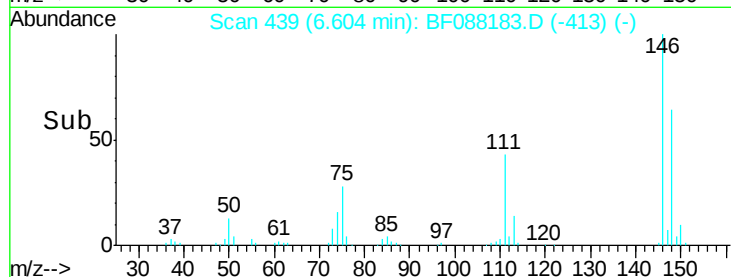
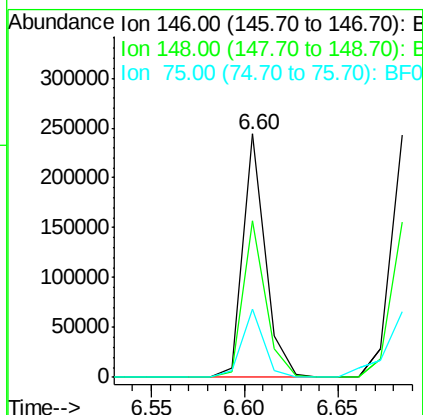
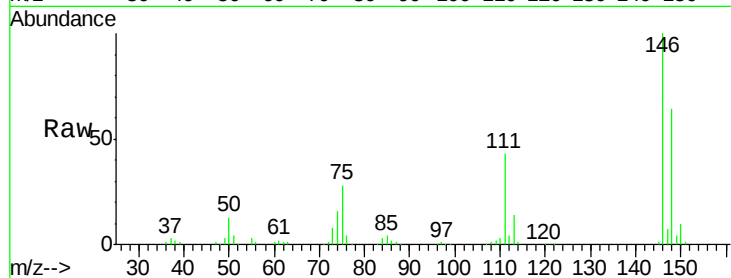




#12
 1,3-Dichlorobenzene
 Concen: 29.15 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

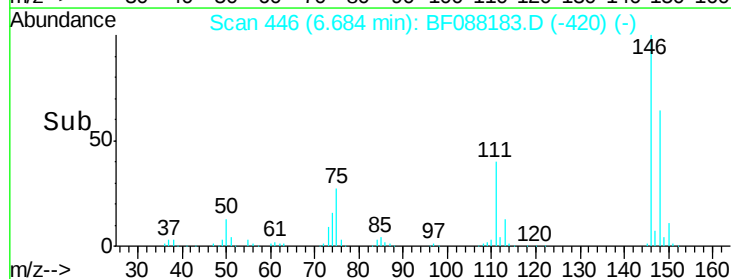
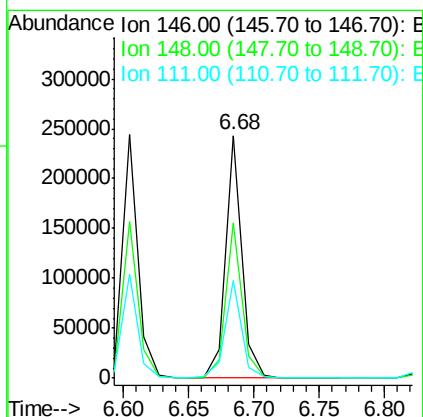
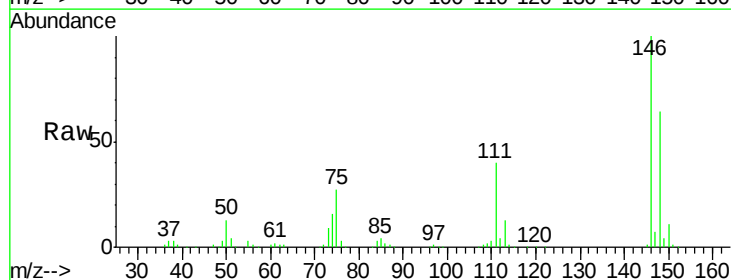
Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

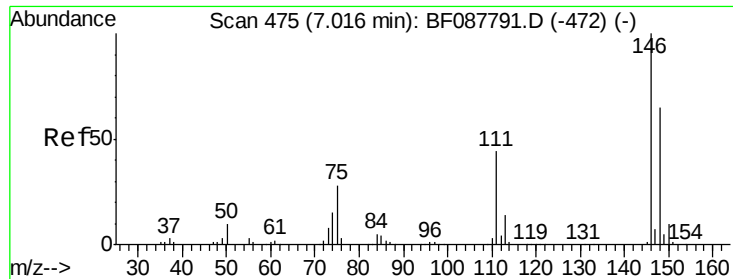
Tgt Ion:146 Resp: 205445
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 75 27.8 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 30.03 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:146 Resp: 213220
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 40.4 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 33.02 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.16 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

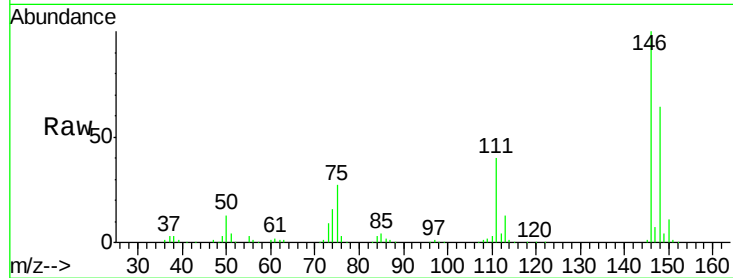
Tgt Ion:146 Resp: 213220

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

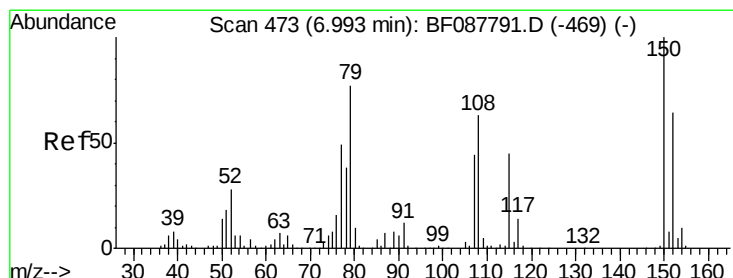
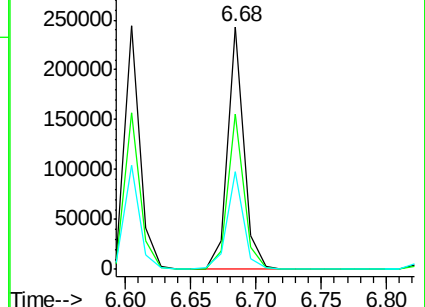
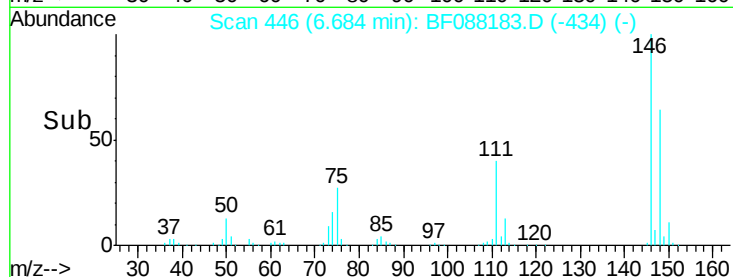
111 40.4 28.7 43.1



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: 25.61 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

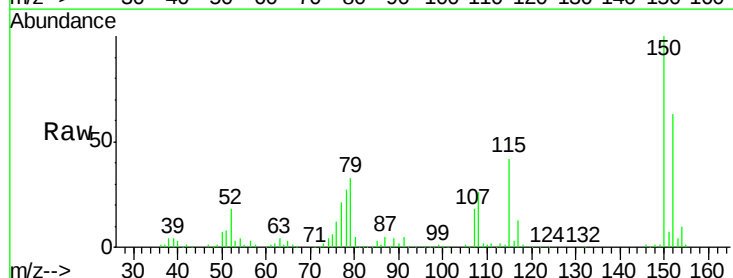
Tgt Ion: 79 Resp: 134791

Ion Ratio Lower Upper

79 100

108 78.0 65.0 97.6

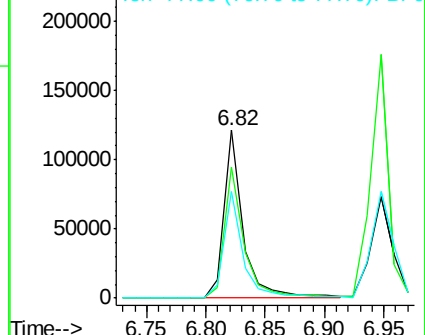
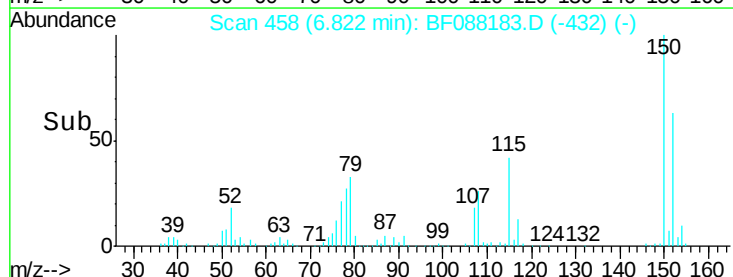
77 63.5 50.3 75.5

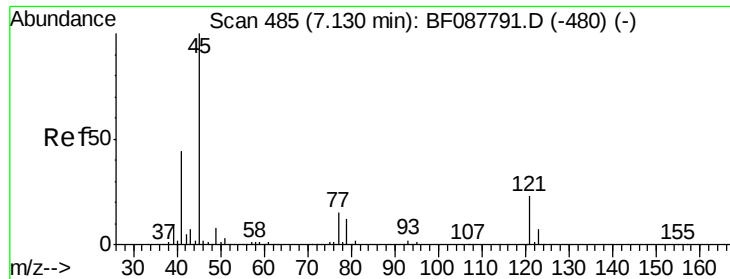


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

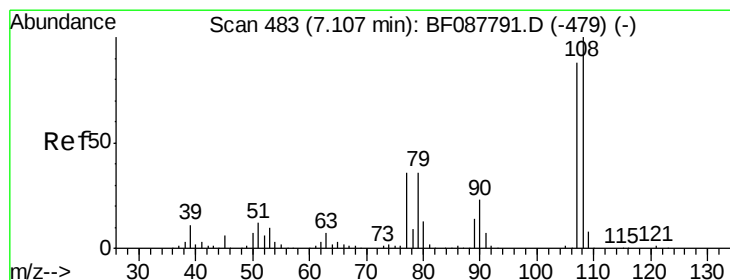
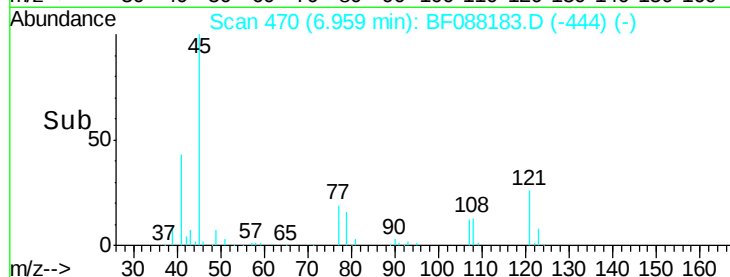
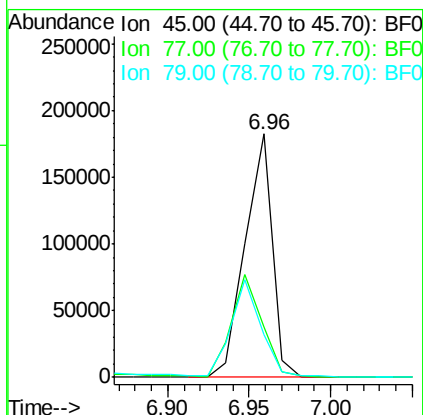
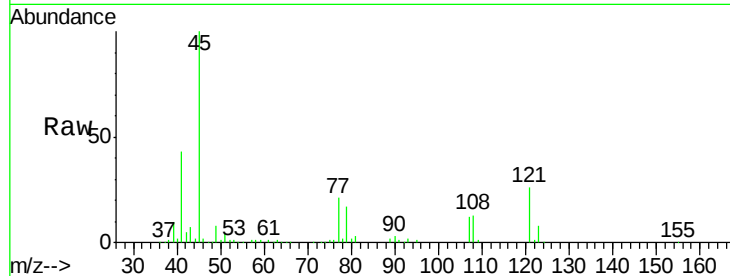




#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.38 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

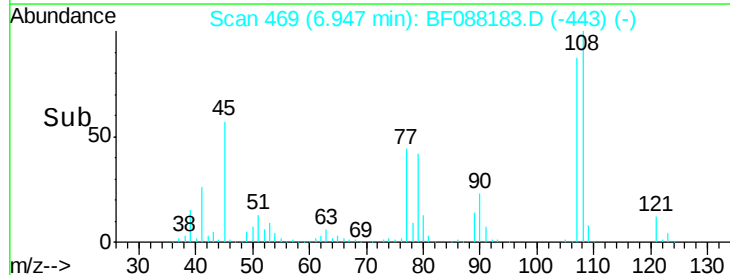
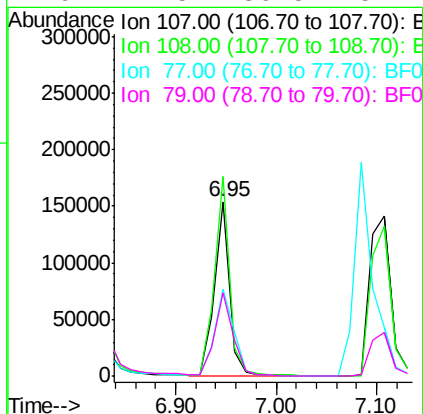
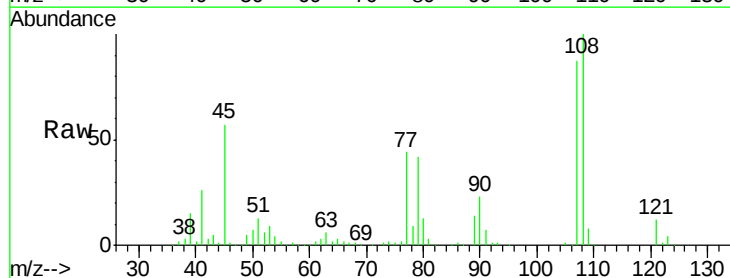
Instrument :
BNA_F
ClientSampleId :
PB91363BS

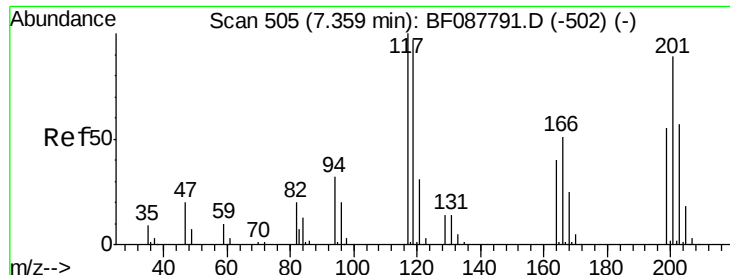
Tgt Ion: 45 Resp: 210243
Ion Ratio Lower Upper
45 100
77 20.9 0.0 32.5
79 17.3 0.0 29.5



#17
2-Methylphenol
Concen: 30.57 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion: 107 Resp: 162871
Ion Ratio Lower Upper
107 100
108 114.3 90.9 136.3
77 50.0 36.6 55.0
79 47.5 36.5 54.7

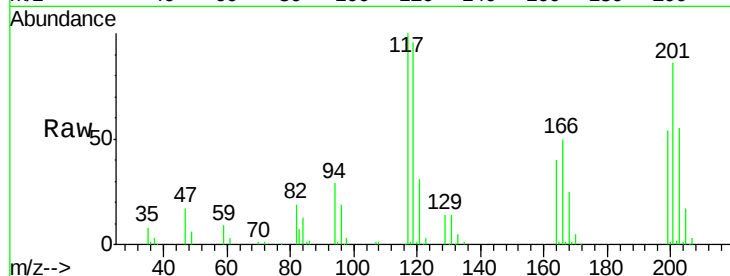




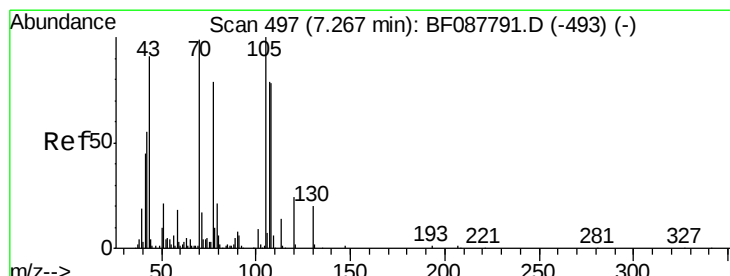
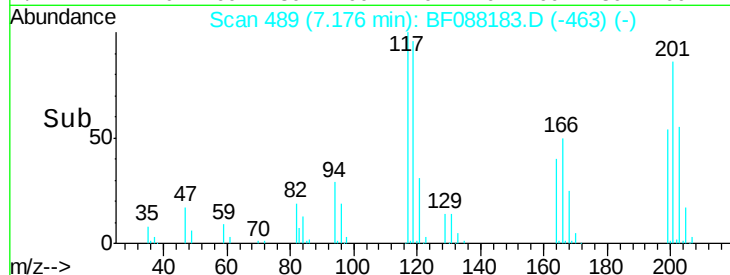
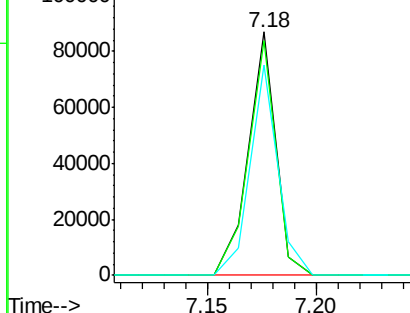
#18
Hexachloroethane
Concen: 30.35 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion: 117 Resp: 76461
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 86.3 80.4 120.6

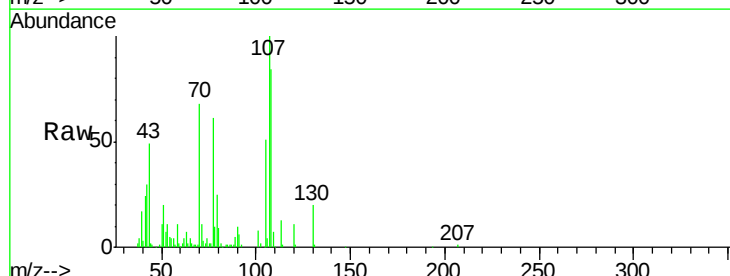


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

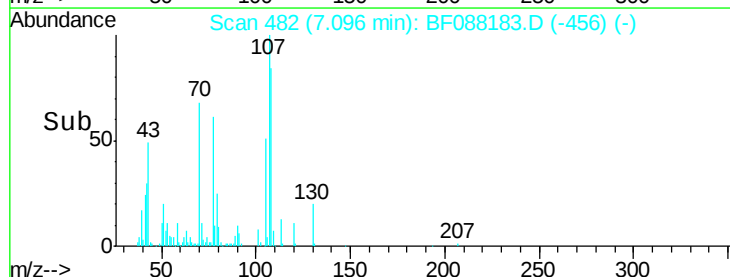
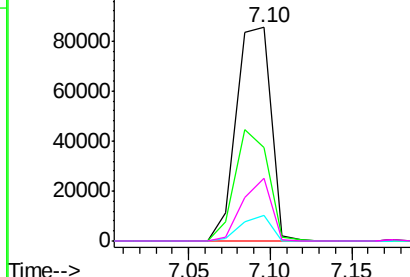


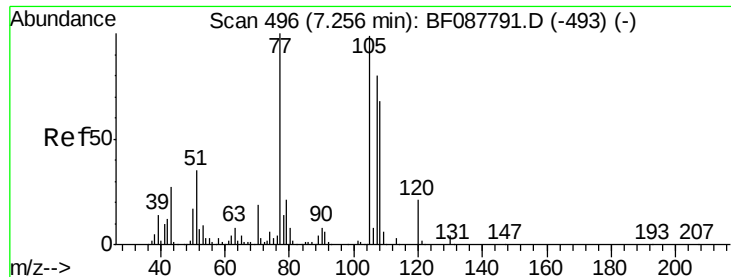
#19
n-Nitroso-di-n-propylamine
Concen: 29.06 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion: 70 Resp: 125064
Ion Ratio Lower Upper
70 100
42 43.7 49.6 74.4#
101 11.8 7.1 10.7#
130 29.3 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

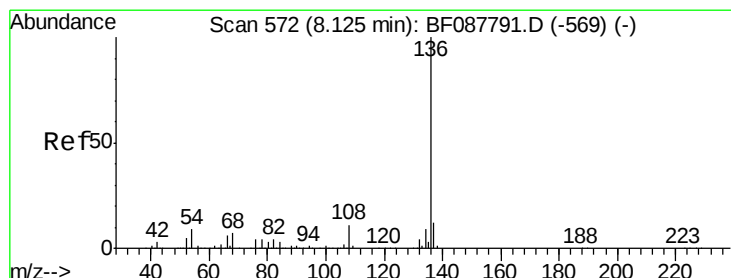
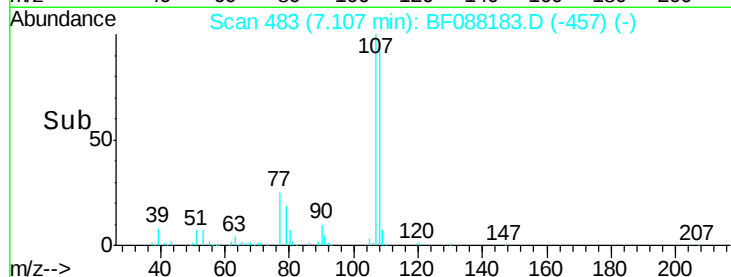
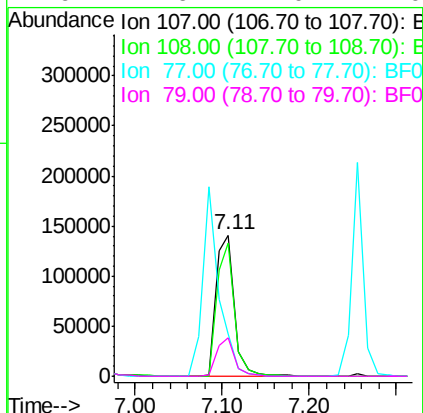
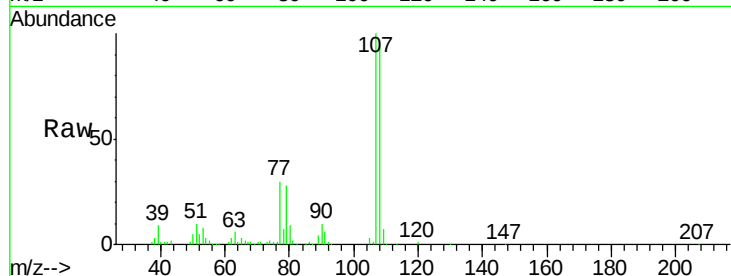




#20
3+4-Methylphenols
Concen: 34.06 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

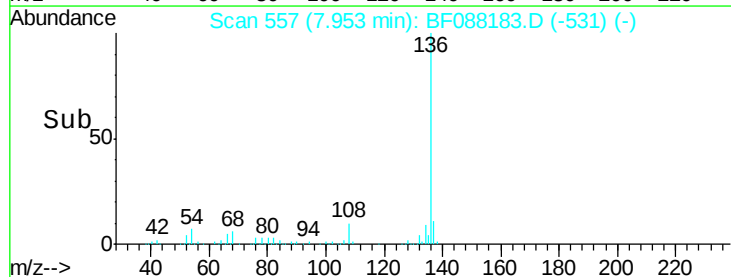
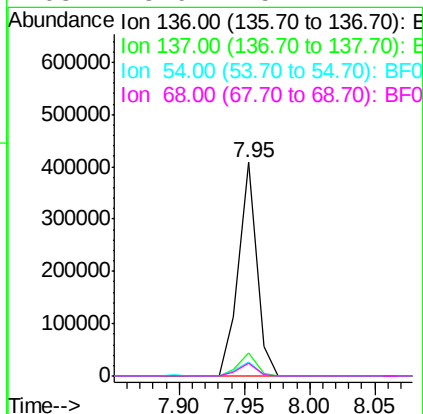
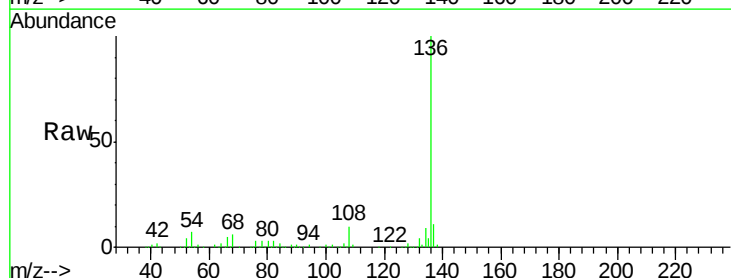
Instrument :
BNA_F
ClientSampleId :
PB91363BS

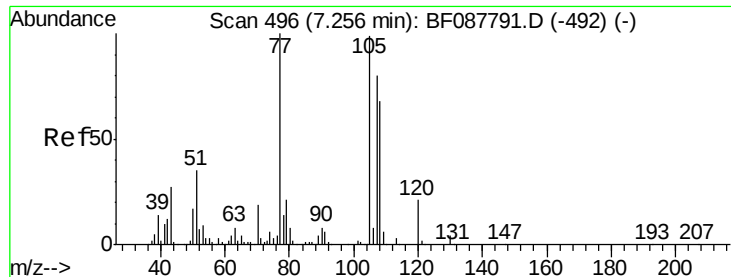
Tgt Ion:107 Resp: 211746
Ion Ratio Lower Upper
107 100
108 94.2 67.8 107.8
77 30.2 59.3 99.3#
79 27.6 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:136 Resp: 397171
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.9 6.6 10.0
68 5.9 5.1 7.7





#22

Acetophenone

Concen: 29.26 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

Tgt Ion: 105 Resp: 259703

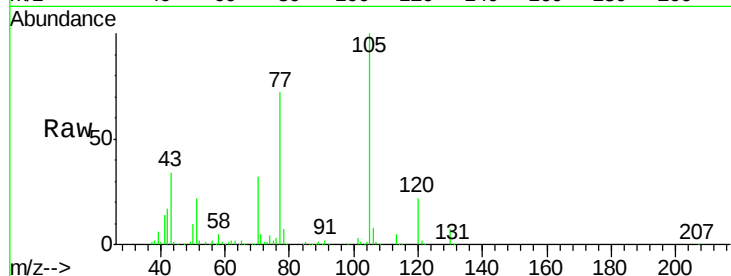
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 21.7 18.2 27.4

120 21.7 18.0 27.0

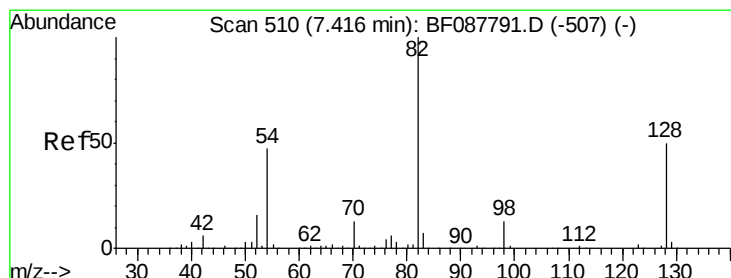
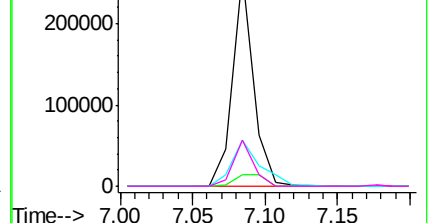
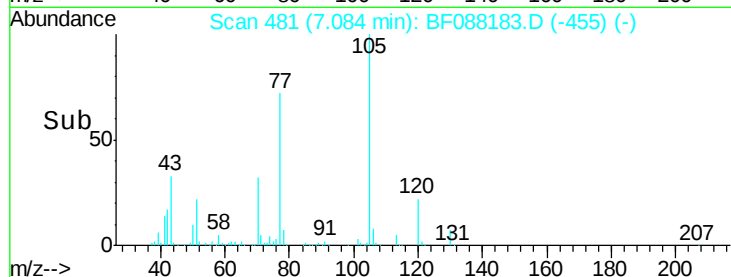


Abundance Ion 105.00 (104.70 to 105.70): E

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: 52.34 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

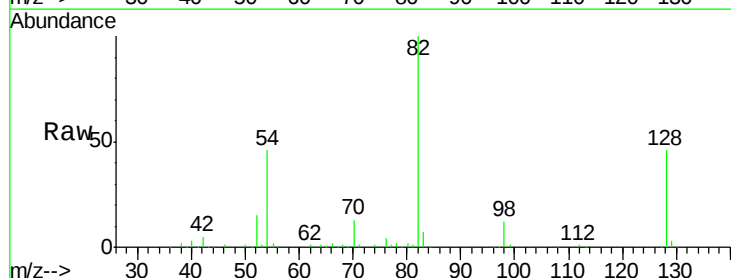
Tgt Ion: 82 Resp: 356004

Ion Ratio Lower Upper

82 100

128 45.7 35.9 53.9

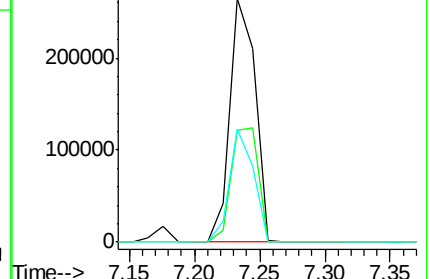
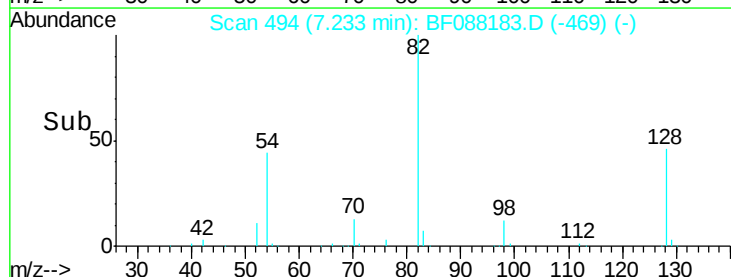
54 46.4 40.9 61.3

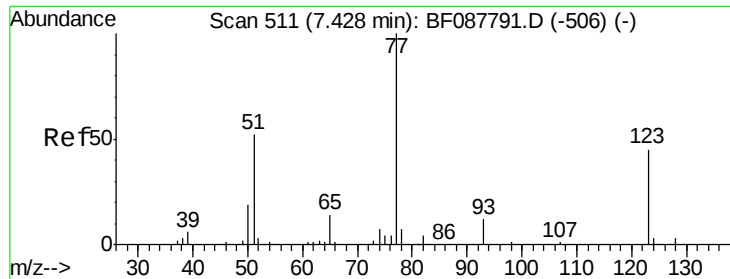


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

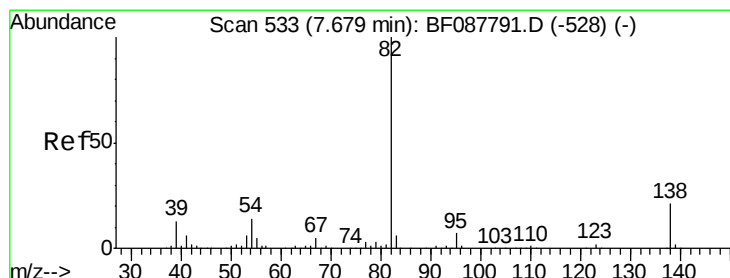
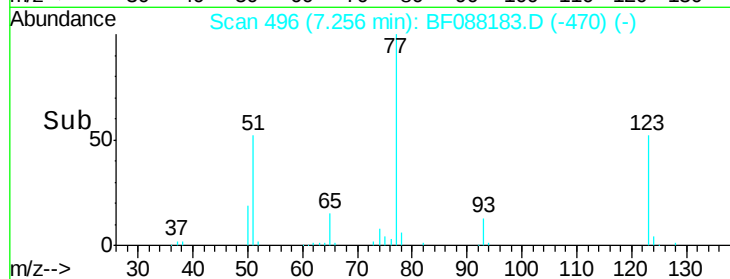
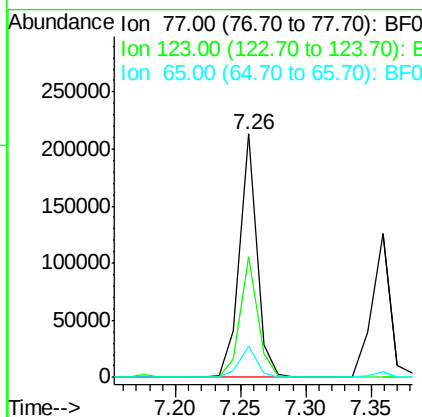
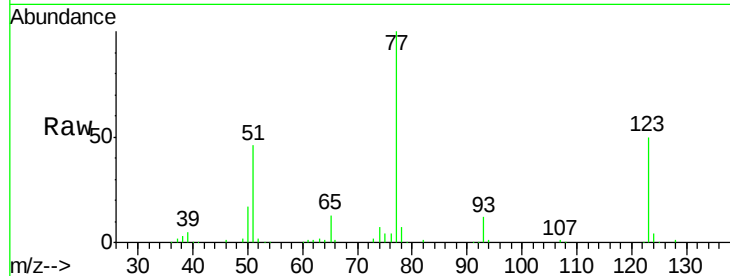




#24
 Nitrobenzene
 Concen: 30.10 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

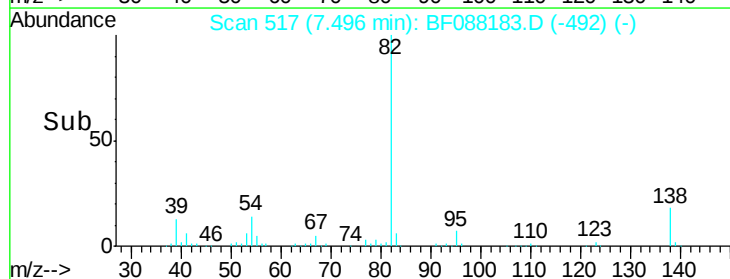
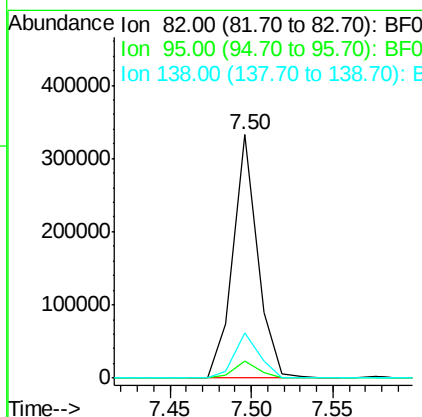
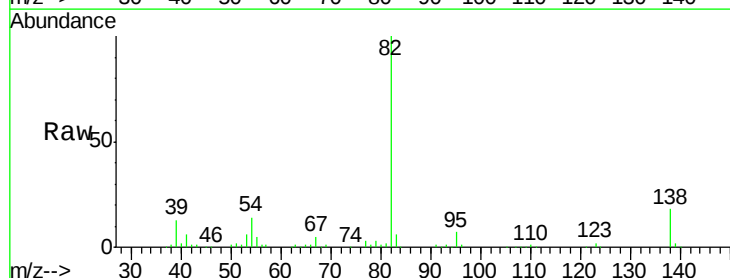
Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion: 77 Resp: 198290
 Ion Ratio Lower Upper
 77 100
 123 49.6 45.0 67.4
 65 12.7 10.2 15.2



#25
 Isophorone
 Concen: 27.48 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion: 82 Resp: 346228
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.4 8.2
 138 18.4 14.6 21.8

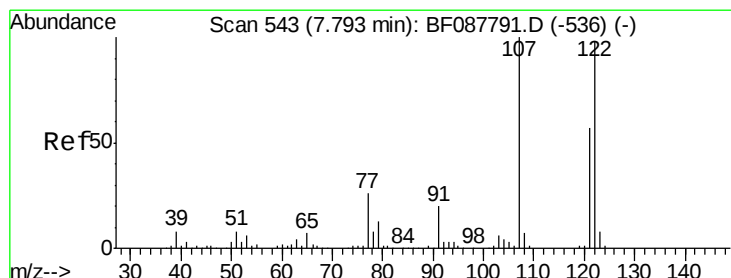
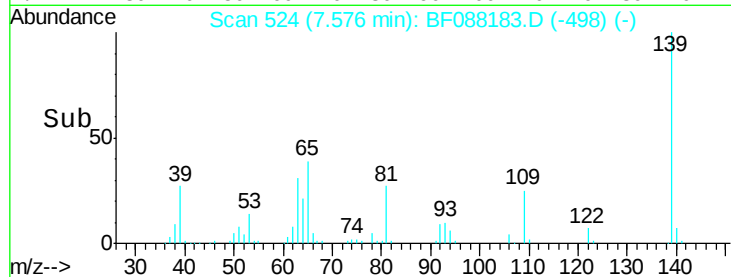
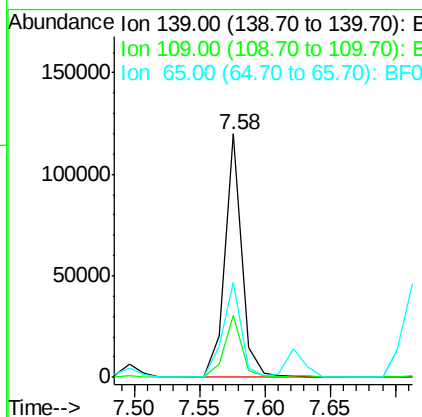
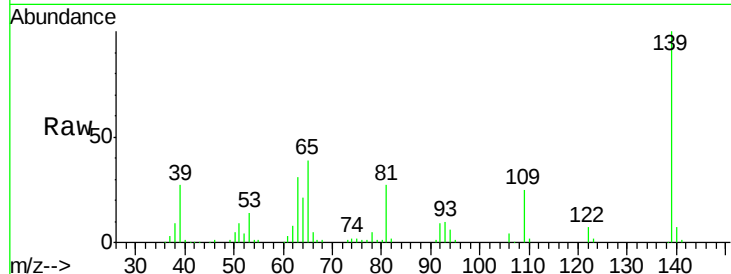




#26
2-Nitrophenol
Concen: 30.97 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

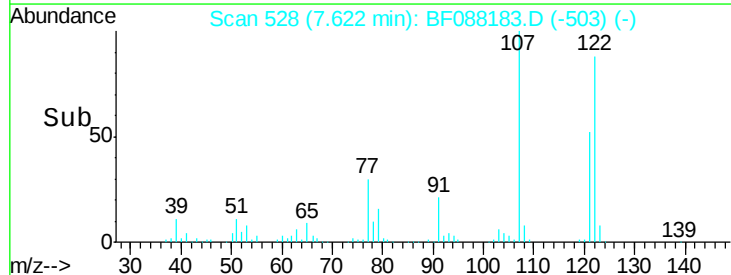
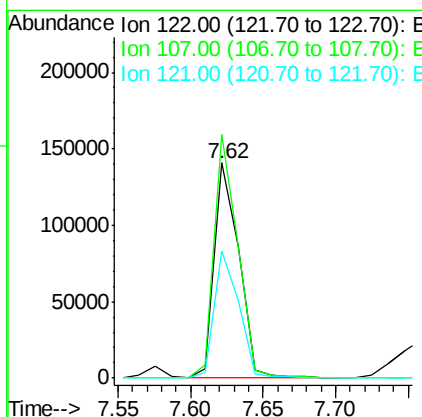
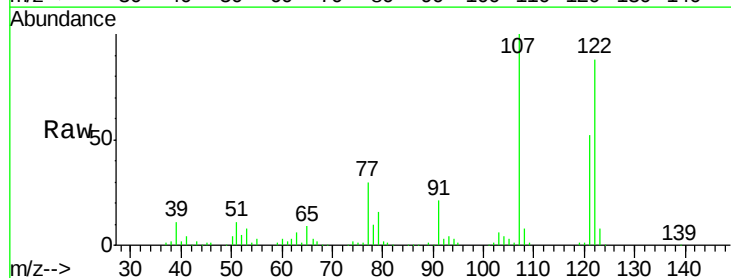
Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion:139 Resp: 109302
Ion Ratio Lower Upper
139 100
109 25.4 23.0 34.4
65 39.0 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 25.65 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:122 Resp: 166693
Ion Ratio Lower Upper
122 100
107 113.2 82.4 123.6
121 58.9 46.3 69.5

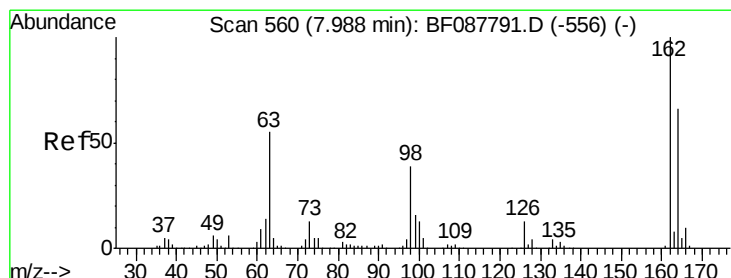
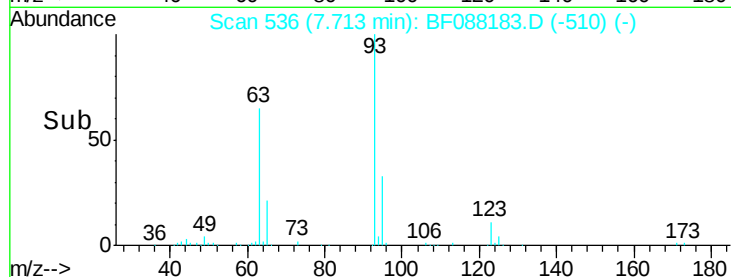
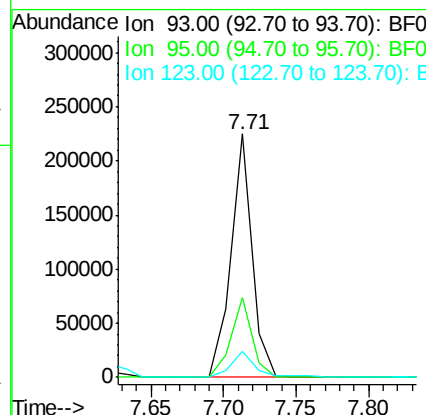
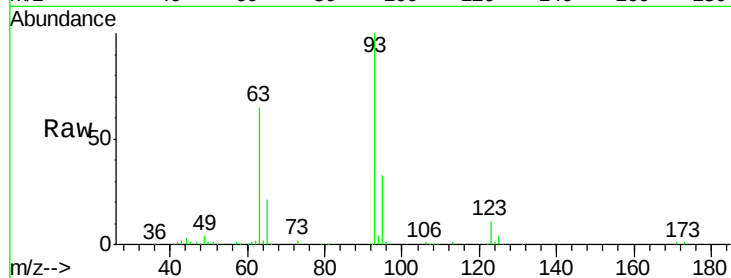




#28
bis(2-Chloroethoxy)methane
Concen: 29.07 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

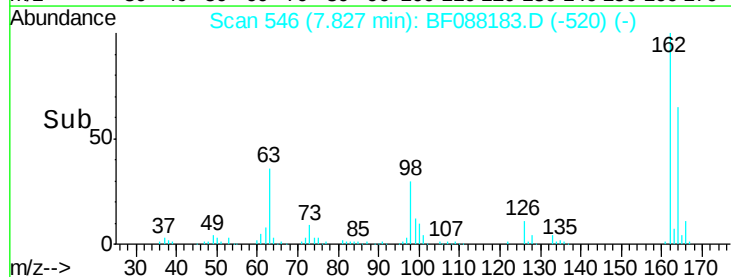
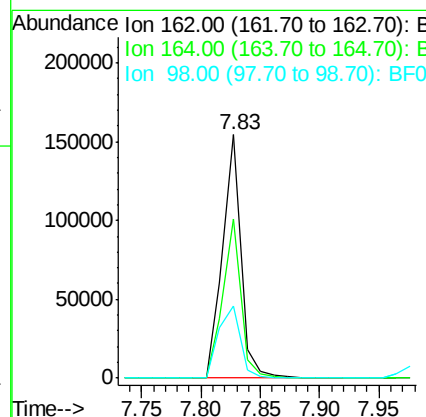
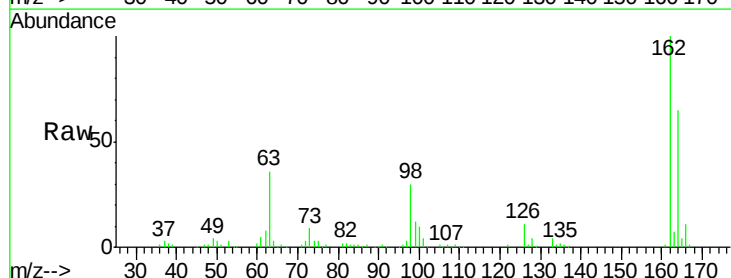
Instrument :
BNA_F
ClientSampleId :
PB91363BS

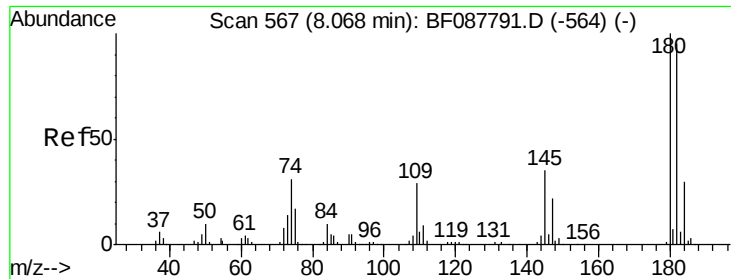
Tgt Ion: 93 Resp: 227132
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.9 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 30.39 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion: 162 Resp: 164860
Ion Ratio Lower Upper
162 100
164 65.5 43.8 83.8
98 29.7 21.3 61.3





#30

1,2,4-Trichlorobenzene

Concen: 28.18 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

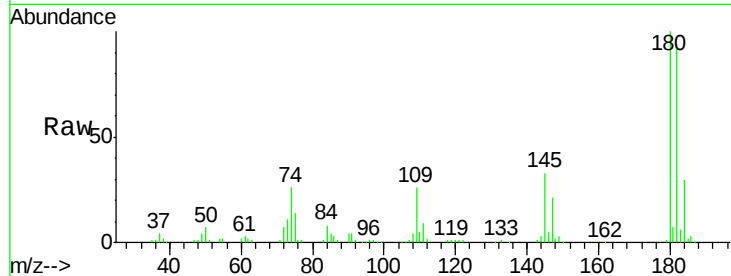
Tgt Ion:180 Resp: 166490

Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

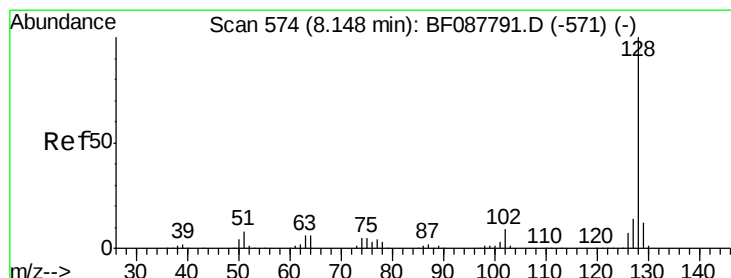
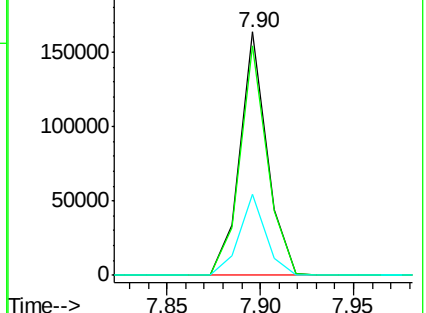
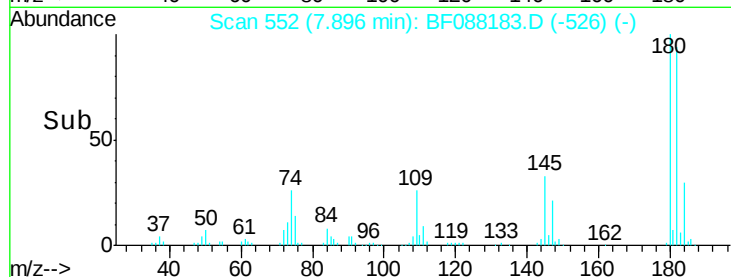
145 33.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 29.90 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

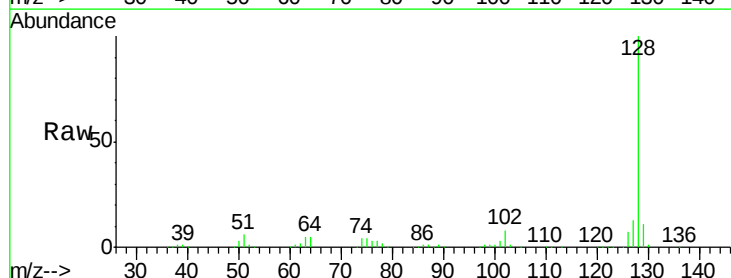
Tgt Ion:128 Resp: 587696

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

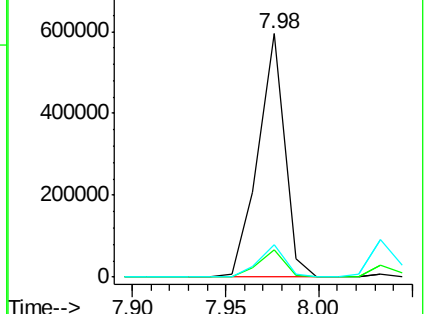
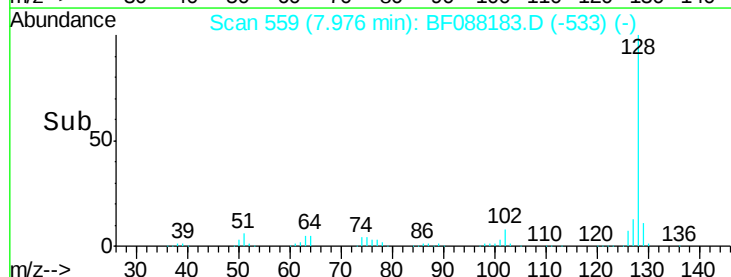
127 13.3 10.9 16.3

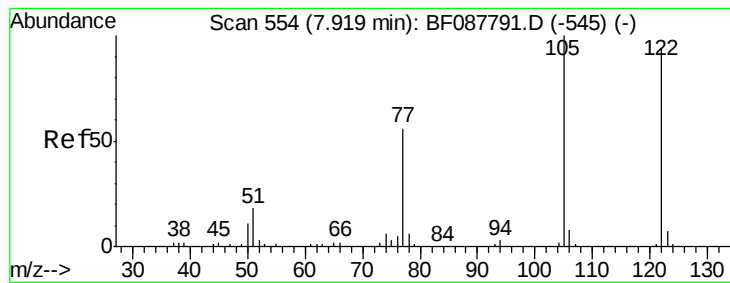


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 15.12 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

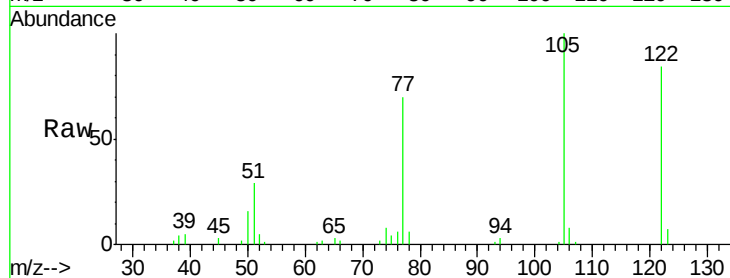
Tgt Ion:122 Resp: 54116

Ion Ratio Lower Upper

122 100

105 118.5 101.6 141.6

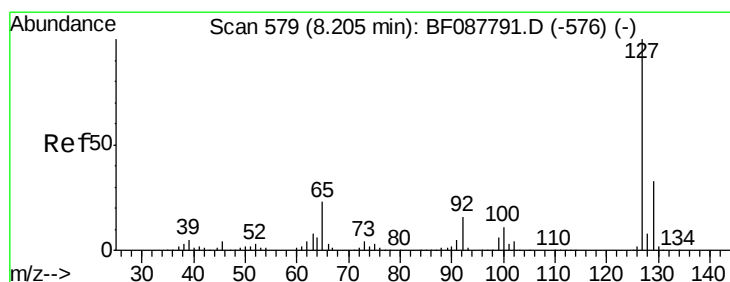
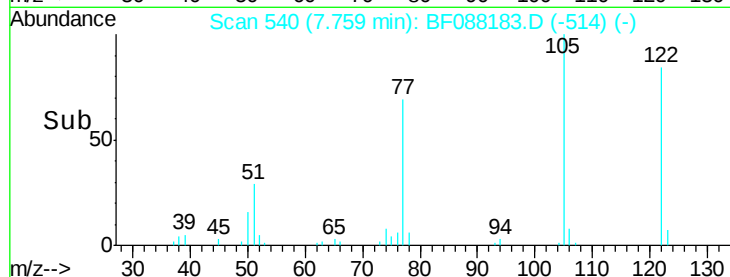
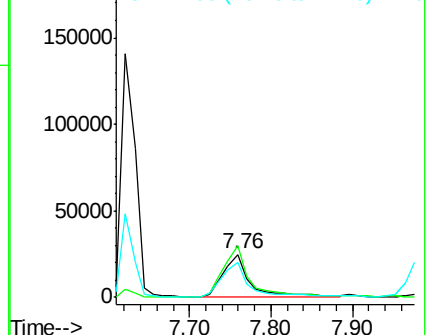
77 82.6 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 11.69 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:127 Resp: 102556

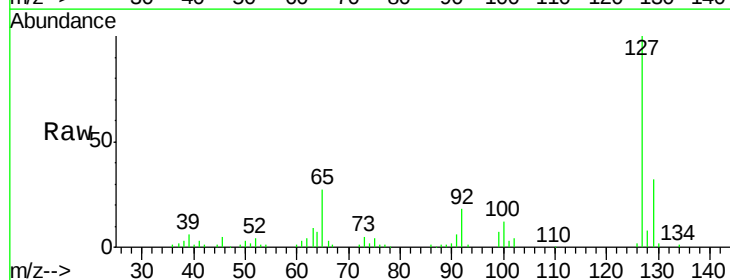
Ion Ratio Lower Upper

127 100

129 31.6 26.3 39.5

65 26.6 24.7 37.1

92 17.6 15.4 23.0

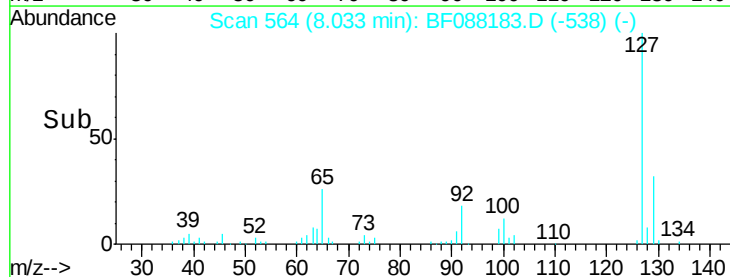
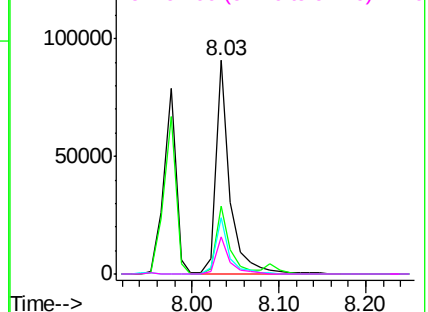


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

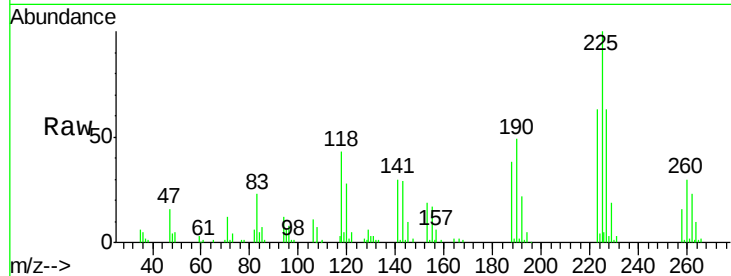




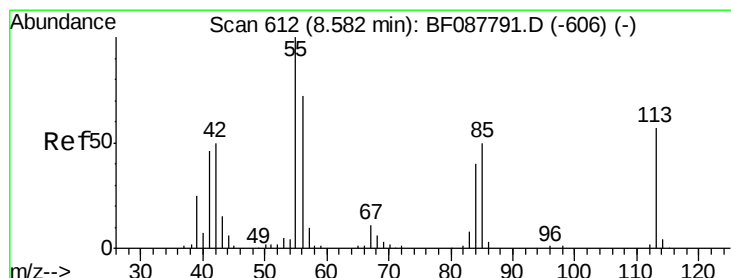
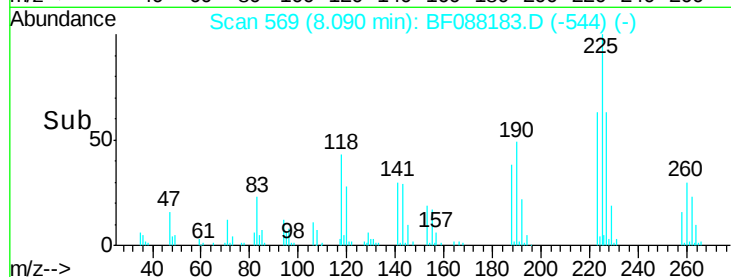
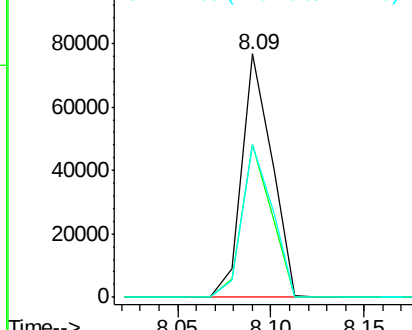
#34
Hexachlorobutadiene
Concen: 27.81 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion:225 Resp: 86642
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 63.0 51.9 77.9

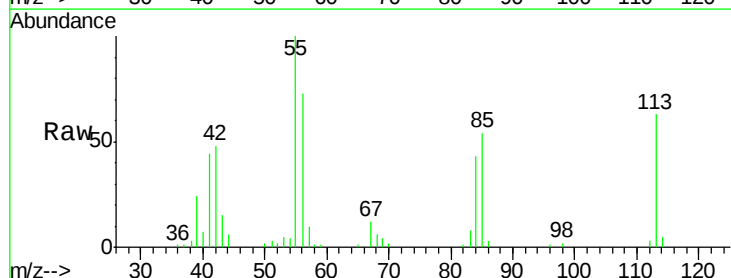


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

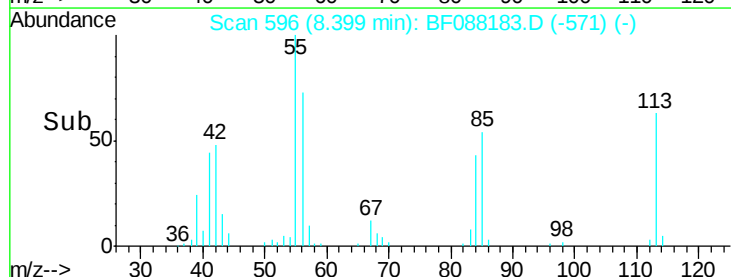
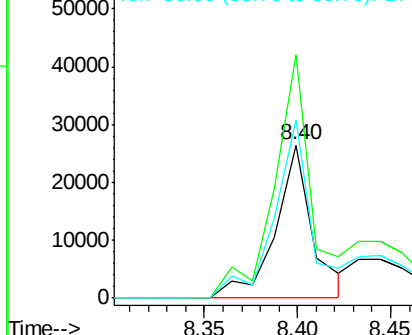


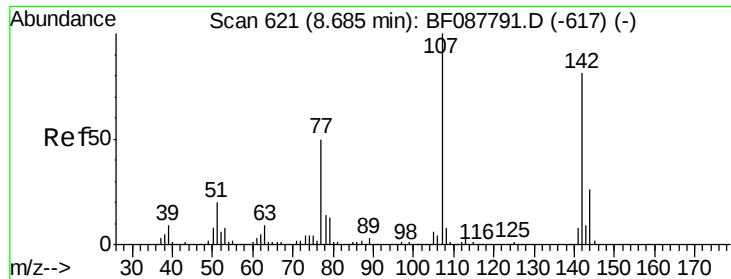
#35
Caprolactam
Concen: 20.34 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:113 Resp: 36554
Ion Ratio Lower Upper
113 100
55 159.0 158.6 198.6
56 116.5 110.6 150.6



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

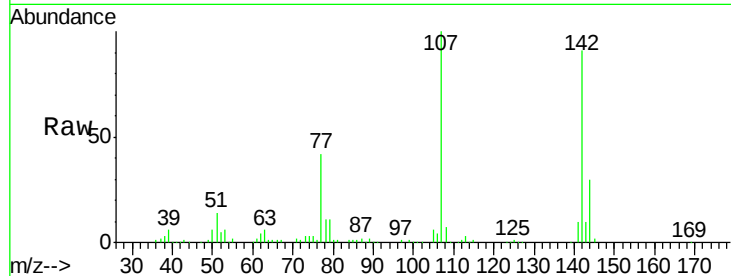




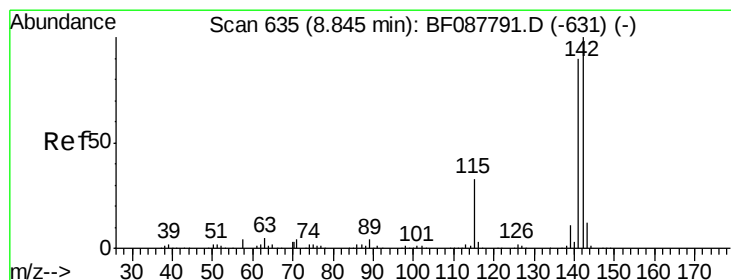
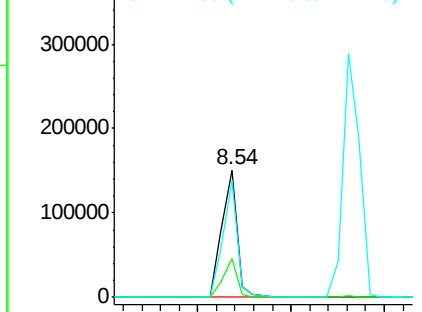
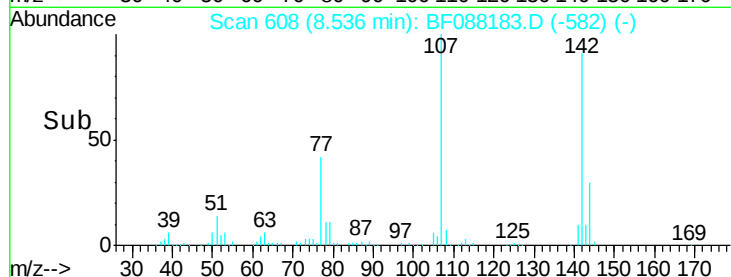
#36
4-Chloro-3-methylphenol
Concen: 29.64 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion:107 Resp: 171992
Ion Ratio Lower Upper
107 100
144 30.3 20.8 31.2
142 91.5 63.4 95.2

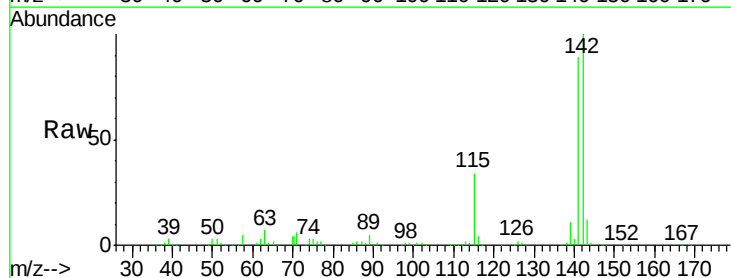


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

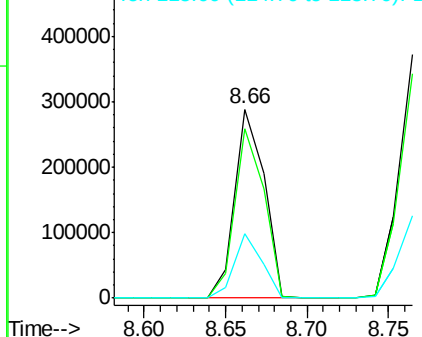
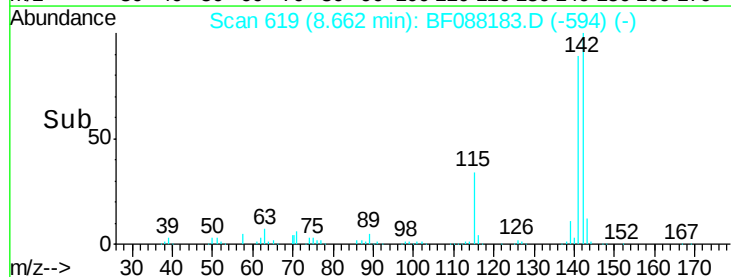


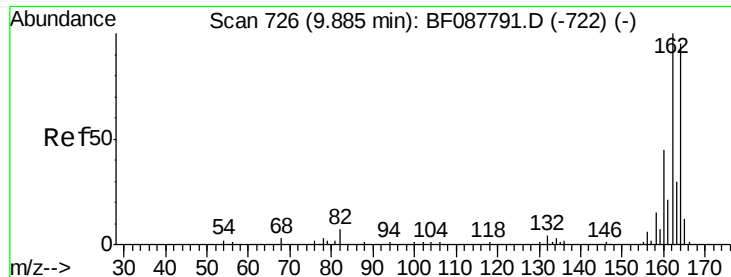
#37
2-Methylnaphthalene
Concen: 27.87 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:142 Resp: 361084
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.4 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: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

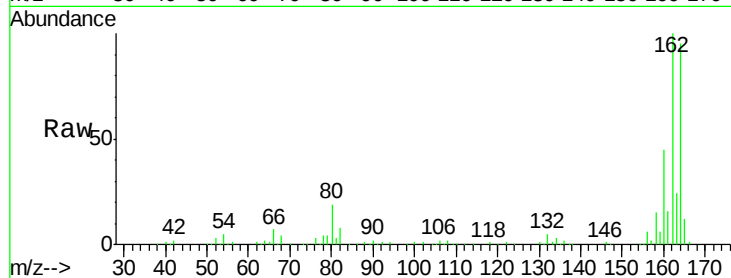
Tgt Ion:164 Resp: 191290

Ion Ratio Lower Upper

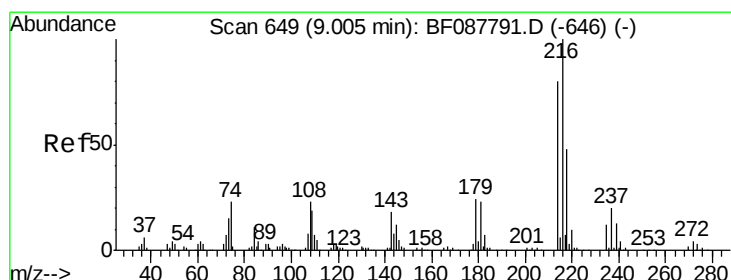
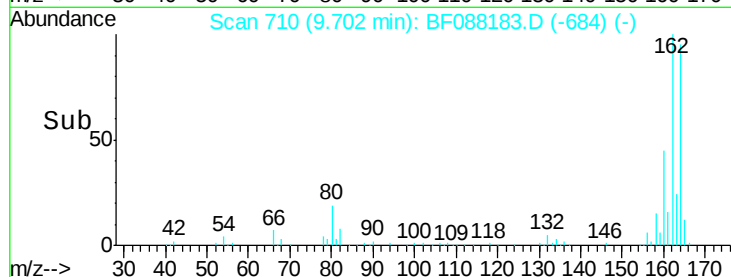
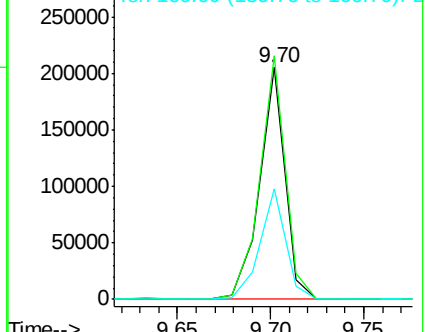
164 100

162 105.1 85.4 128.2

160 47.6 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: 28.82 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Tgt Ion:216 Resp: 161543

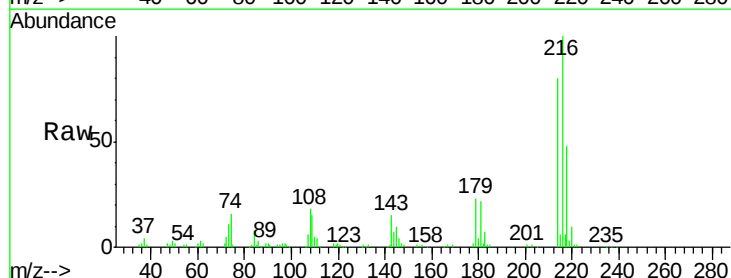
Ion Ratio Lower Upper

216 100

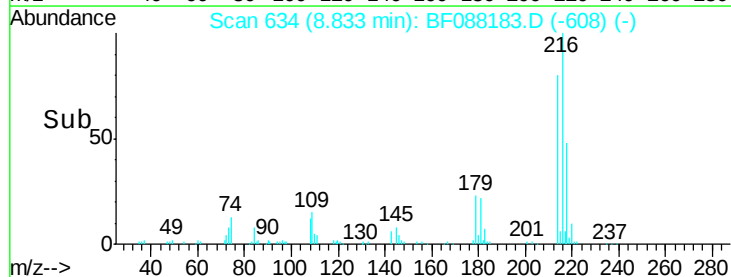
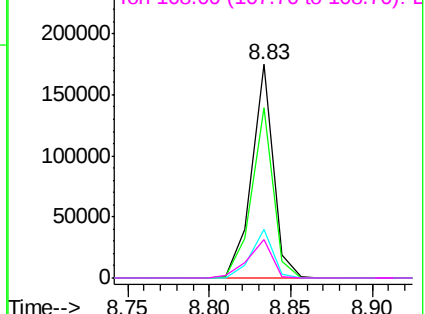
214 79.4 2.9 4.3#

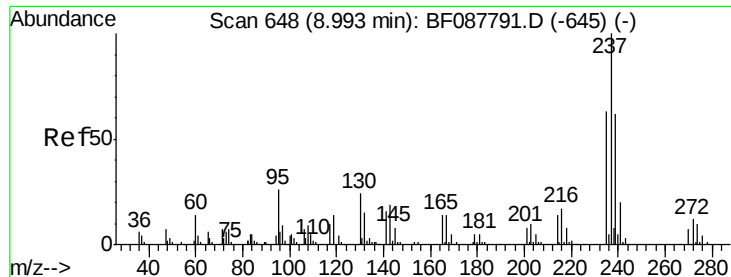
179 22.7 0.0 0.0#

108 21.0 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

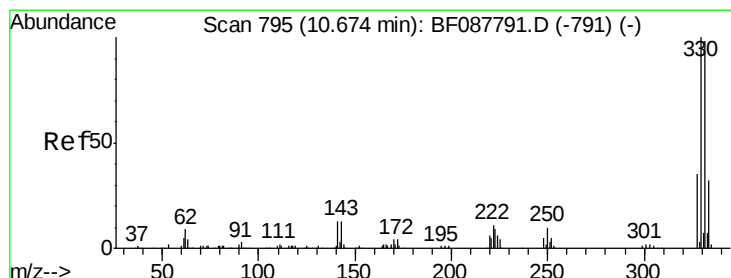
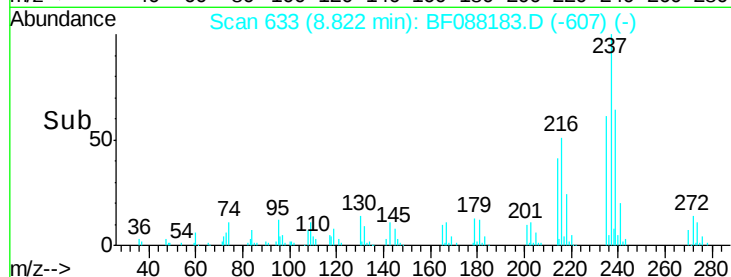
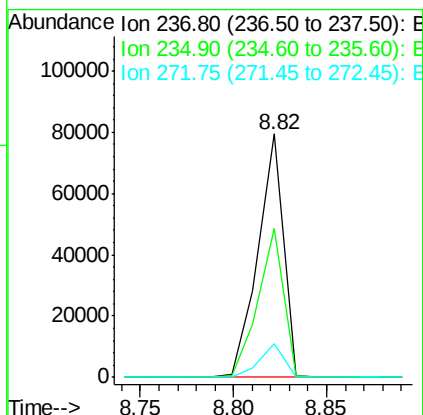
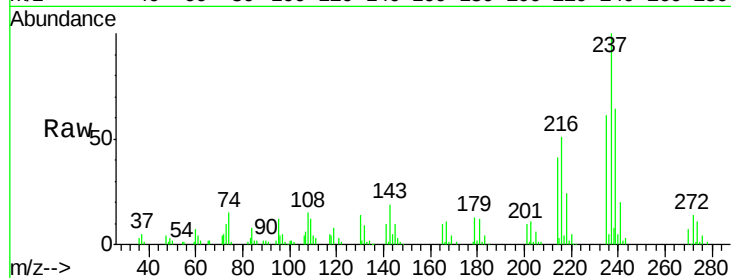




#40
Hexachlorocyclopentadiene
Concen: 24.21 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

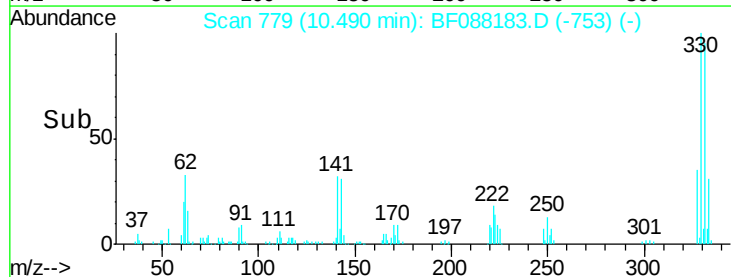
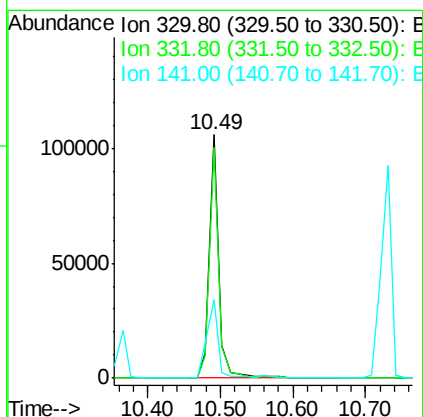
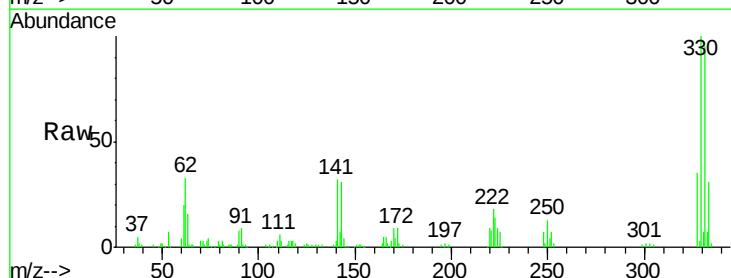
Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion: 237 Resp: 74705
Ion Ratio Lower Upper
237 100
235 61.2 43.4 83.4
272 14.0 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 47.91 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion: 330 Resp: 96775
Ion Ratio Lower Upper
330 100
332 94.4 0.0 0.0#
141 38.3 0.0 0.0#

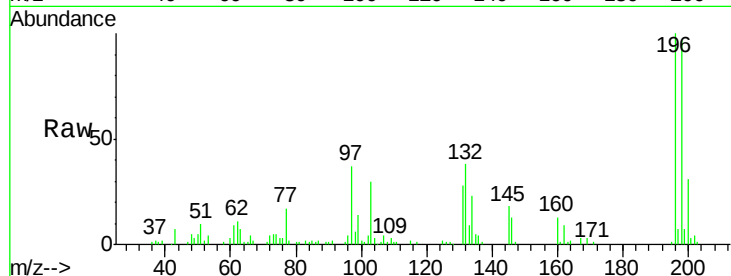




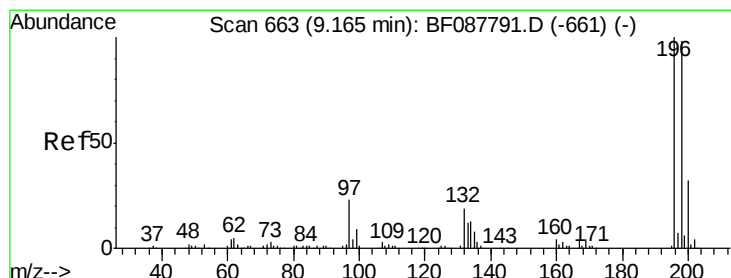
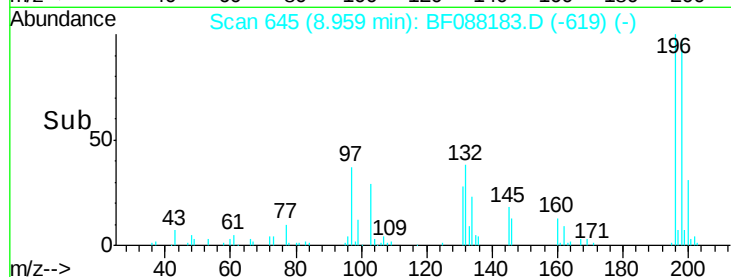
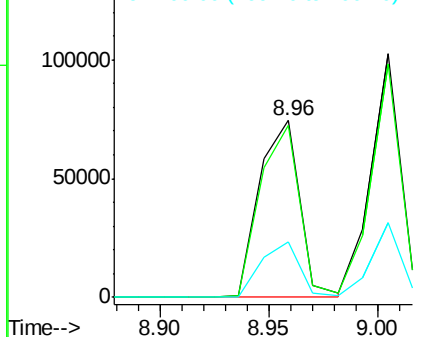
#42
 2,4,6-Trichlorophenol
 Concen: 25.16 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion:196 Resp: 96254
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.0 25.4 38.2



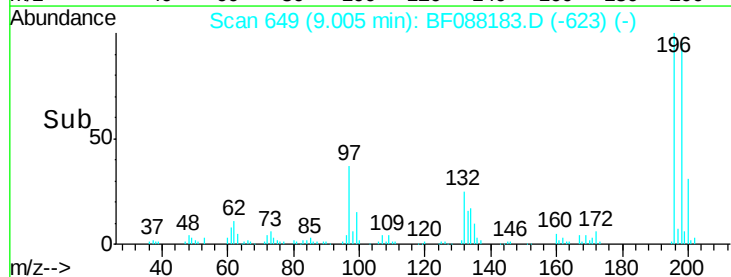
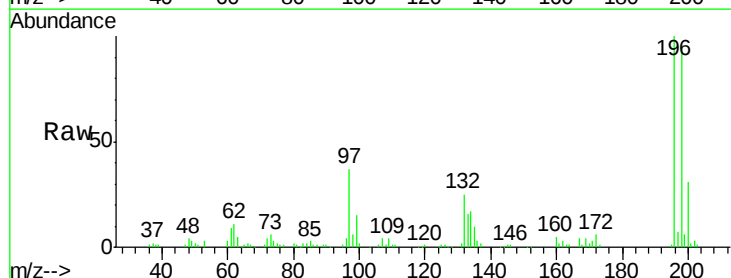
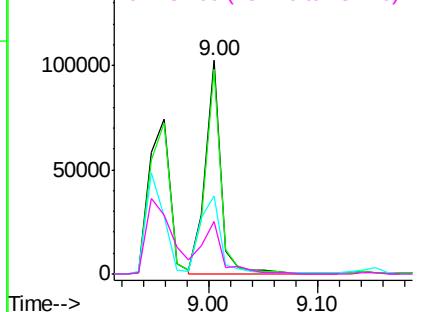
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

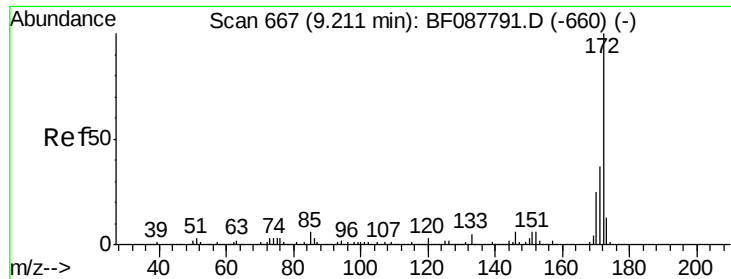


#43
 2,4,5-Trichlorophenol
 Concen: 26.36 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:196 Resp: 104890
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.5 116.3
 97 36.5 32.0 48.0
 132 24.7 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

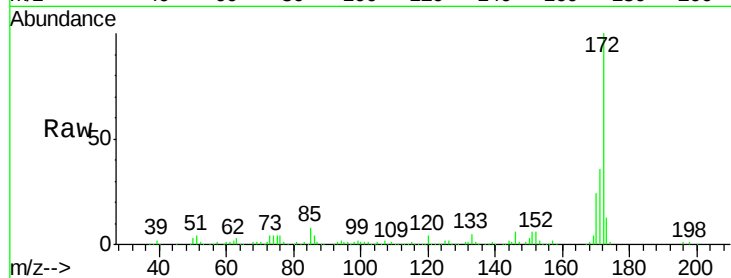




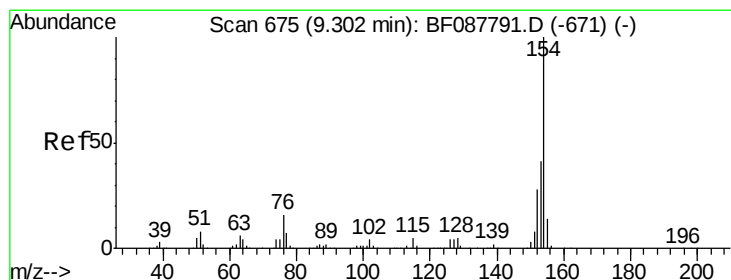
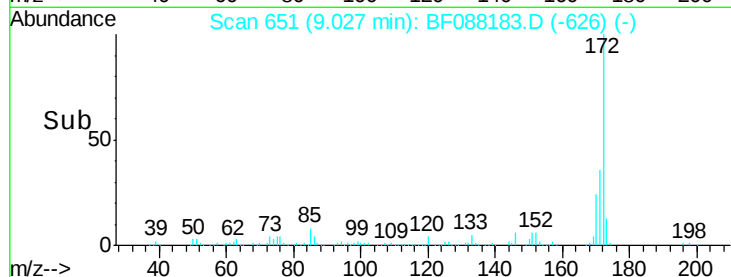
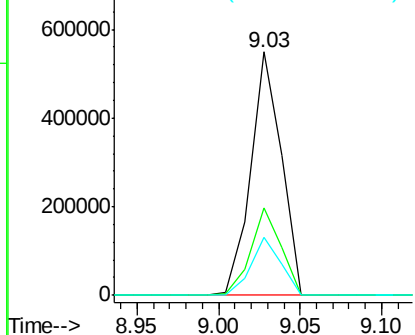
#44
 2-Fluorobiphenyl
 Concen: 56.62 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion:172 Resp: 711933
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8

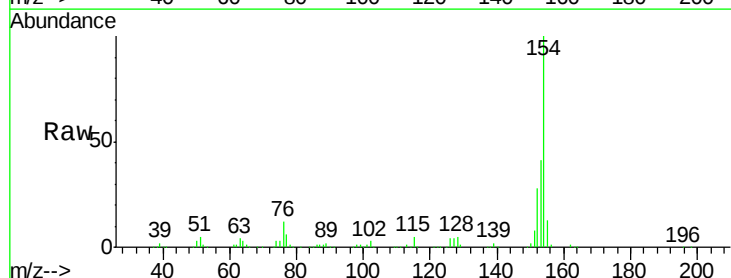


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

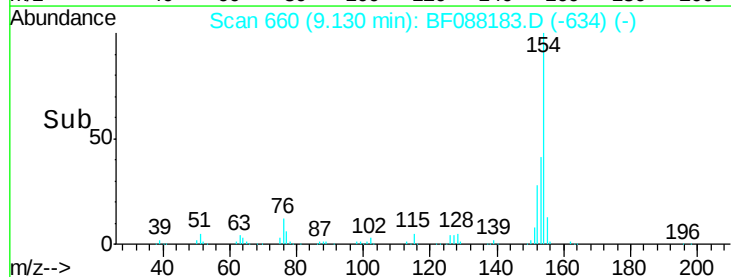
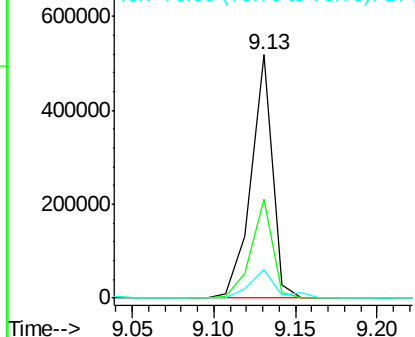


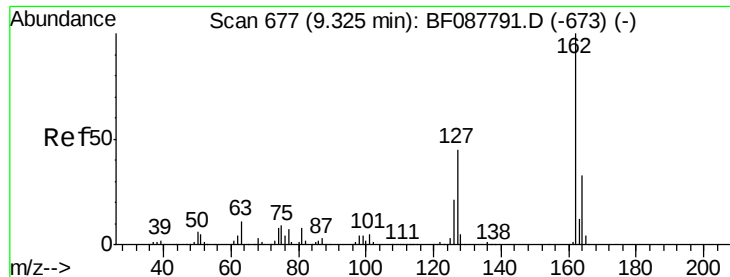
#45
 1,1'-Biphenyl
 Concen: 30.87 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:154 Resp: 471200
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 12.0 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

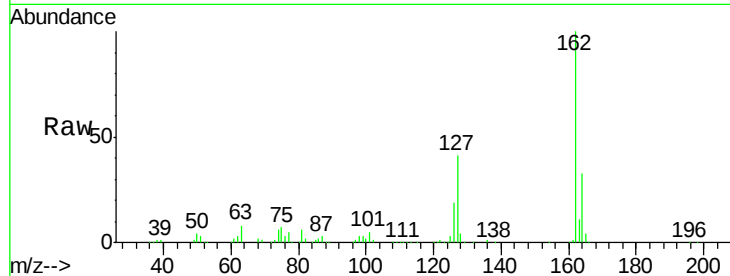




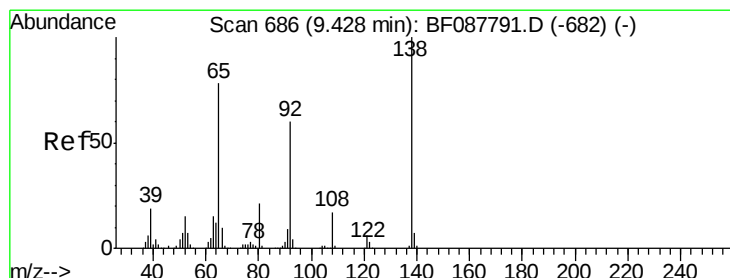
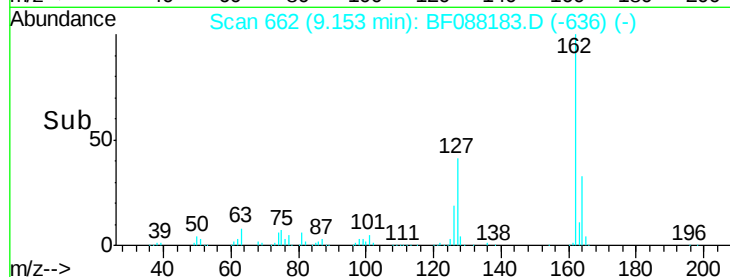
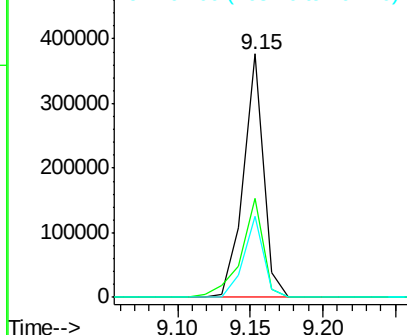
#46
 2-Chloronaphthalene
 Concen: 29.36 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion: 162 Resp: 363488
 Ion Ratio Lower Upper
 162 100
 127 40.6 35.2 52.8
 164 33.5 26.6 39.8

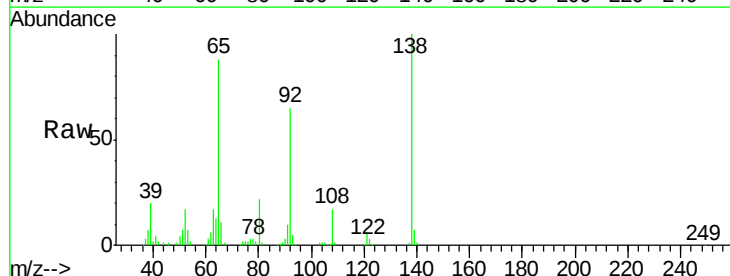


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

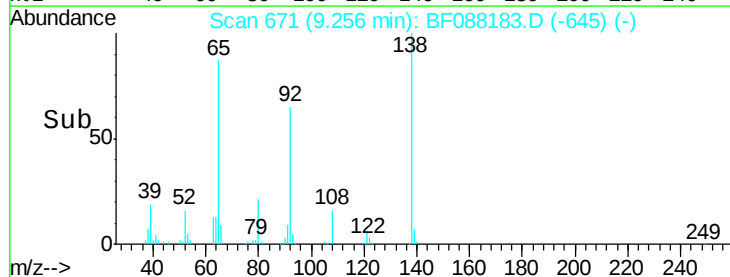
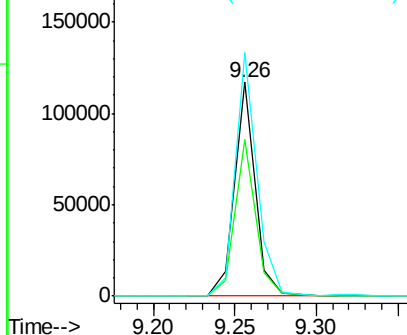


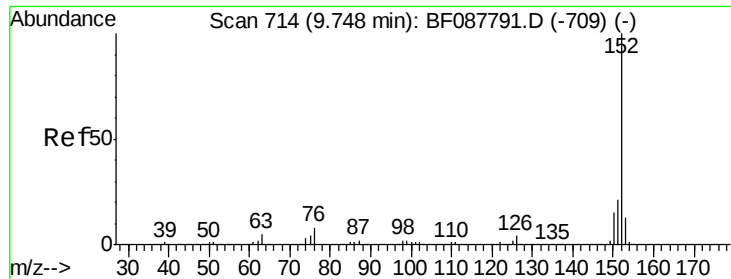
#47
 2-Nitroaniline
 Concen: 27.60 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion: 65 Resp: 100776
 Ion Ratio Lower Upper
 65 100
 92 73.6 54.6 82.0
 138 114.0 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: 28.75 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

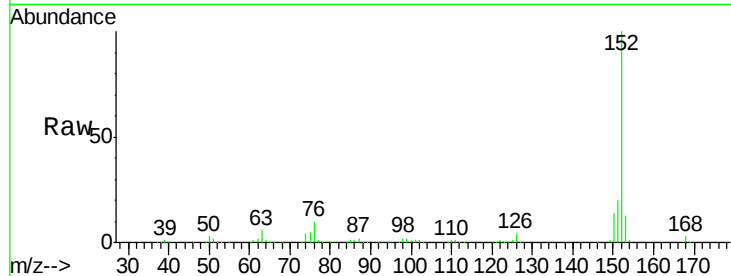
Tgt Ion:152 Resp: 565991

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

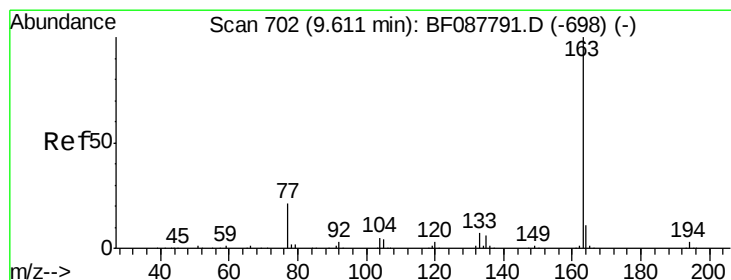
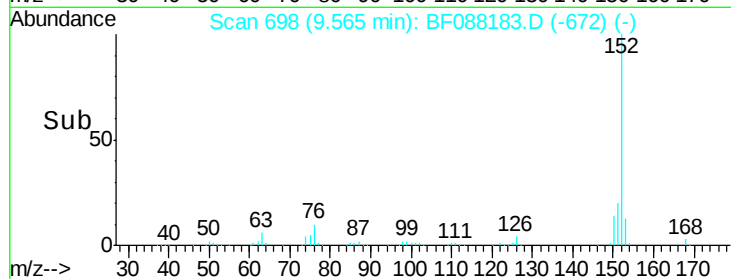
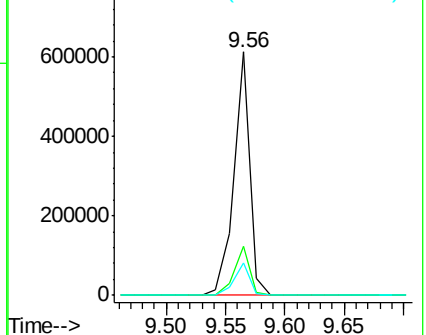
153 13.3 11.0 16.6



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: 32.45 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

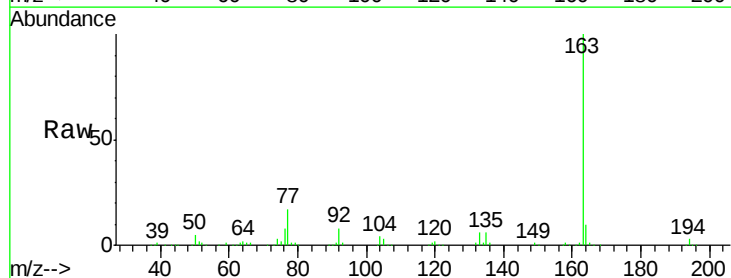
Tgt Ion:163 Resp: 449616

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

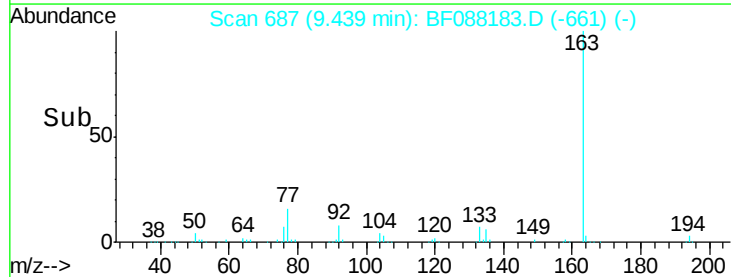
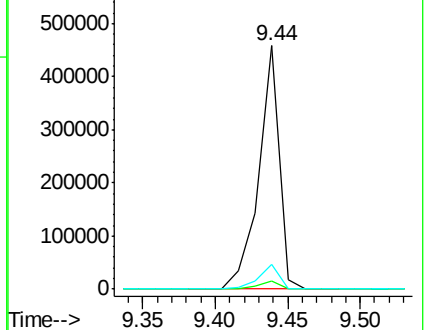
164 10.0 8.3 12.5

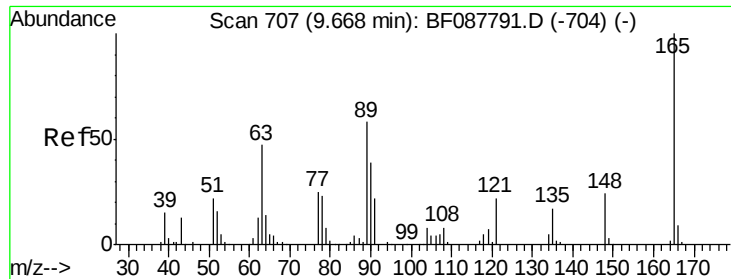


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

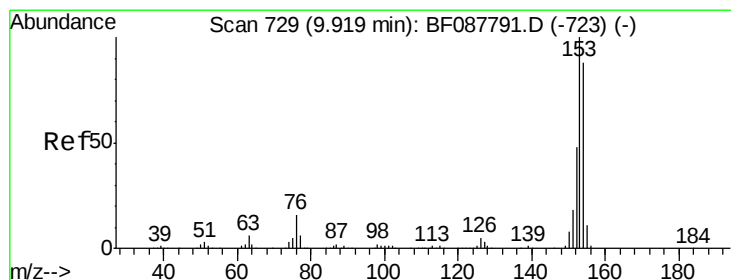
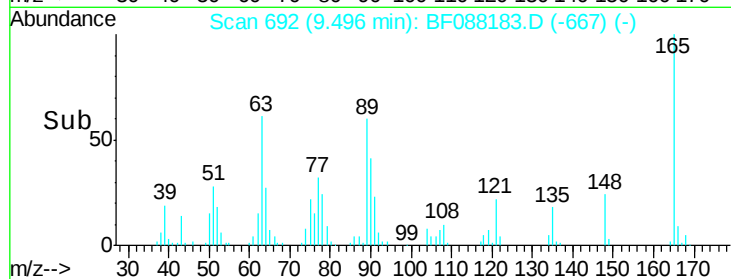
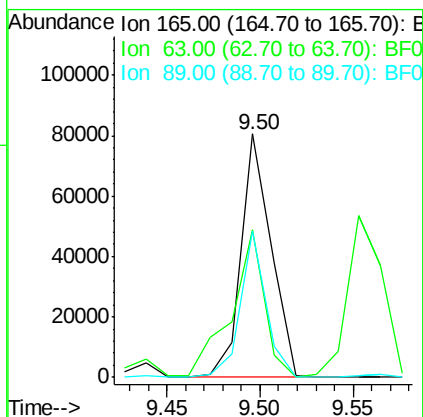
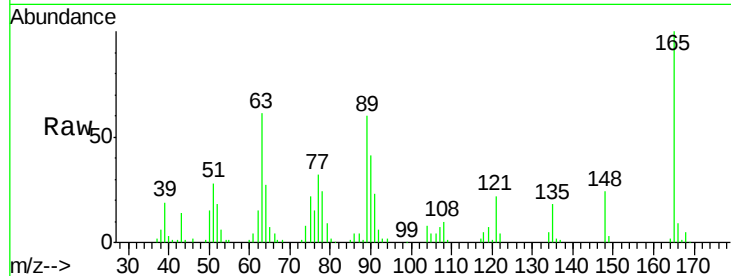




#50
 2,6-Dinitrotoluene
 Concen: 28.32 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

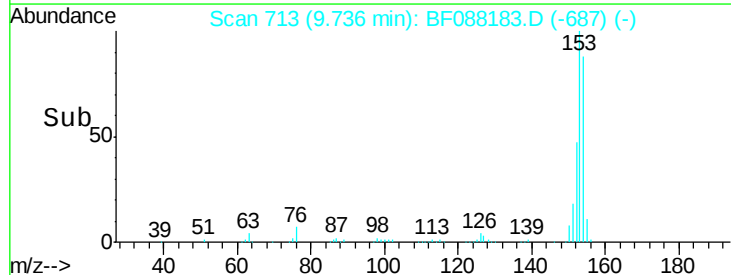
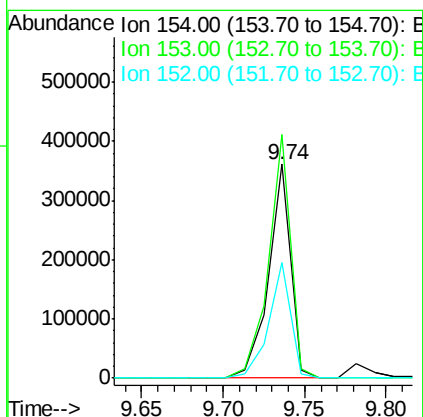
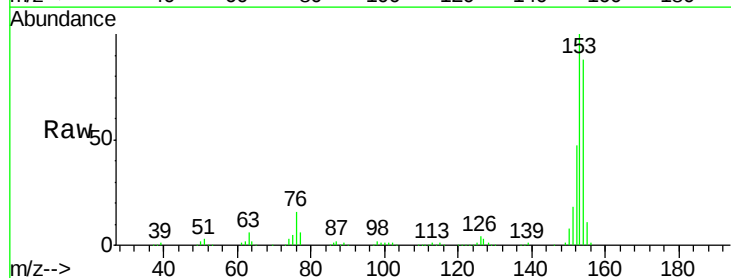
Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

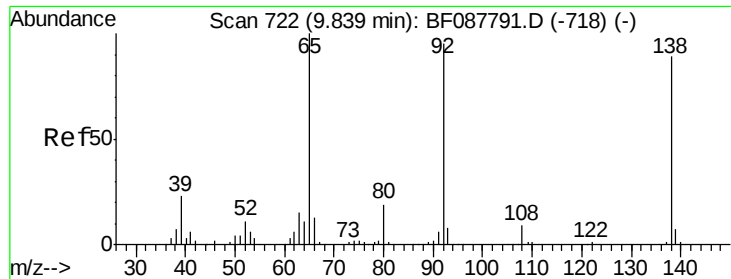
Tgt Ion:165 Resp: 89859
 Ion Ratio Lower Upper
 165 100
 63 60.8 28.1 42.1#
 89 60.3 32.2 48.2#



#51
 Acenaphthene
 Concen: 27.72 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:154 Resp: 340526
 Ion Ratio Lower Upper
 154 100
 153 113.9 89.5 134.3
 152 54.0 42.7 64.1

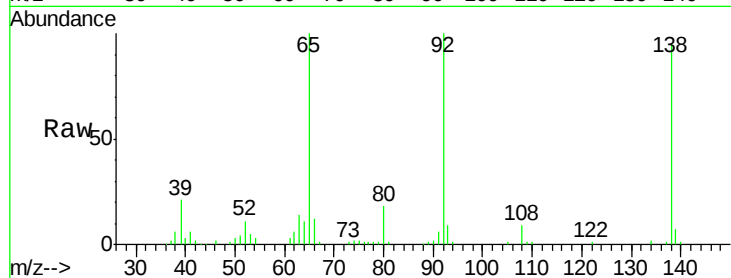




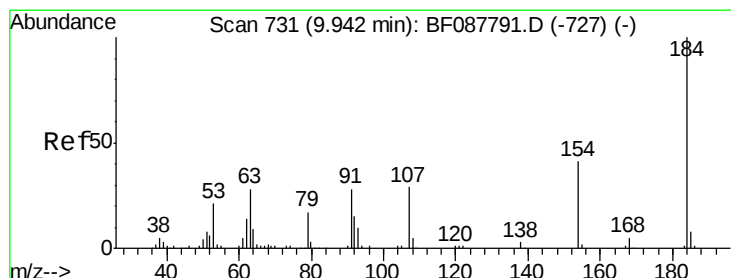
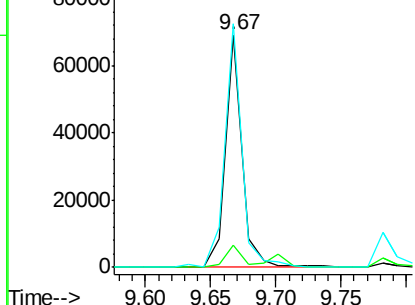
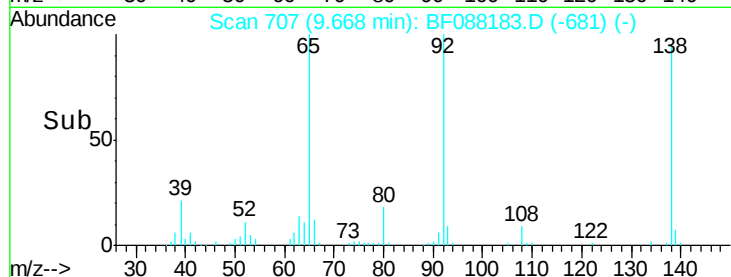
#52
 3-Nitroaniline
 Concen: 16.79 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion:138 Resp: 61496
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.5 12.7
 92 104.9 95.7 143.5

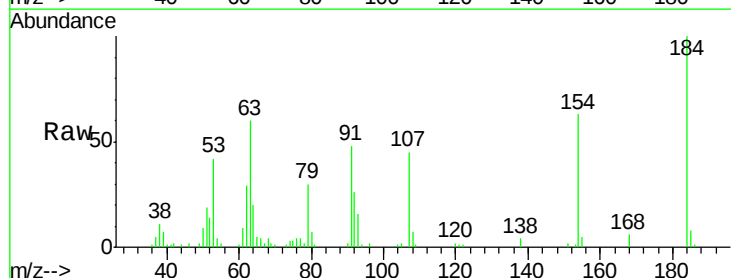


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

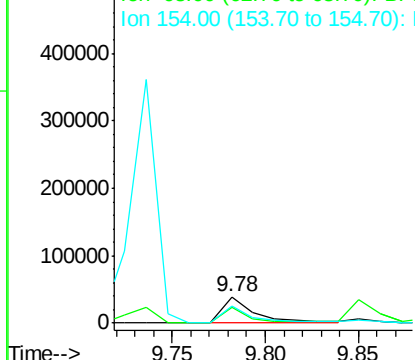
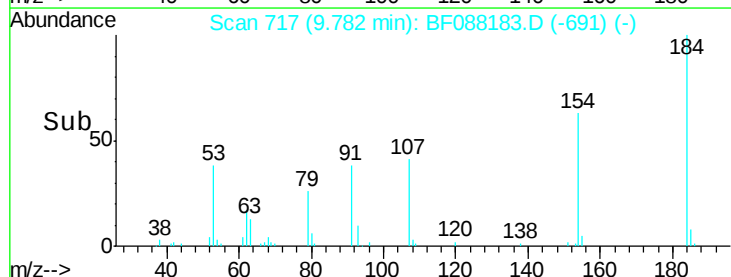


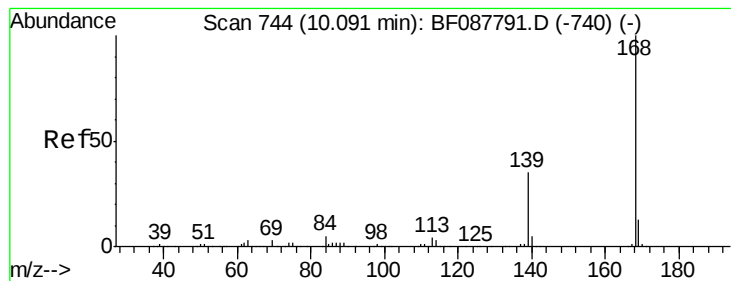
#53
 2,4-Dinitrophenol
 Concen: 34.06 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:184 Resp: 48928
 Ion Ratio Lower Upper
 184 100
 63 60.0 57.6 86.4
 154 62.7 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





#54

Dibenzofuran

Concen: 27.80 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

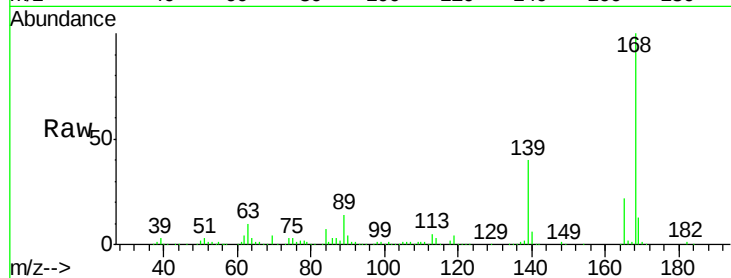
Tgt Ion:168 Resp: 470239

Ion Ratio Lower Upper

168 100

139 39.7 26.4 39.6#

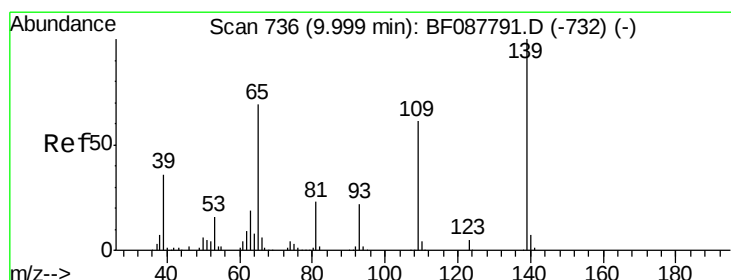
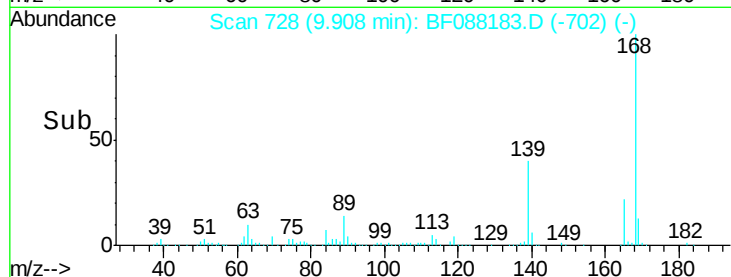
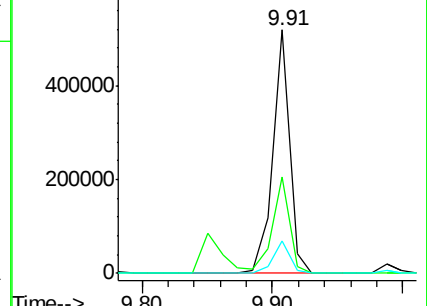
169 13.4 10.4 15.6



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: 34.75 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

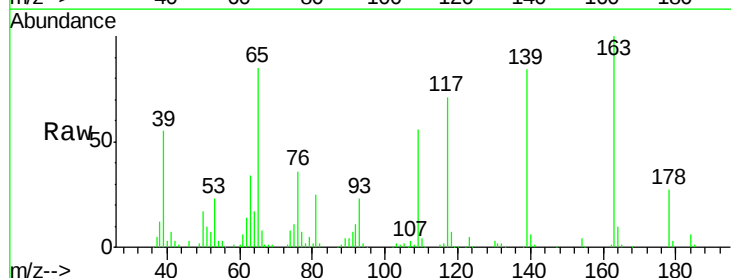
Tgt Ion:139 Resp: 98752

Ion Ratio Lower Upper

139 100

109 67.2 48.9 88.9

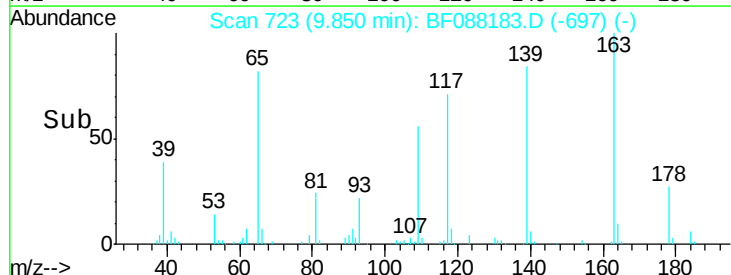
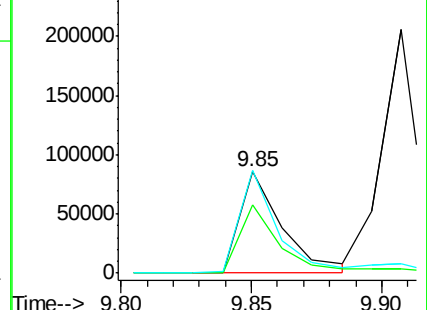
65 101.1 84.9 124.9

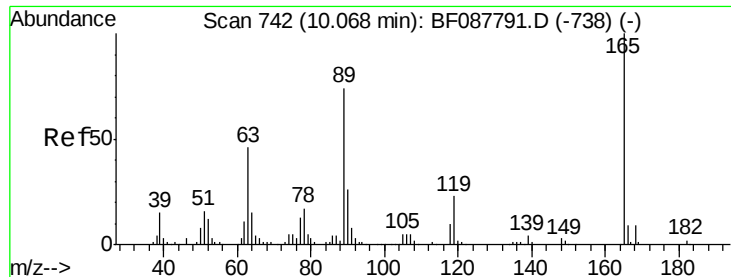


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

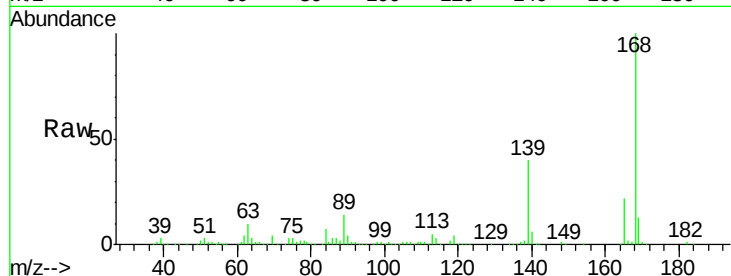




#56
2,4-Dinitrotoluene
Concen: 29.07 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	22.0	33.0#
89	62.1	41.1	61.7#
182	2.4	2.0	3.0

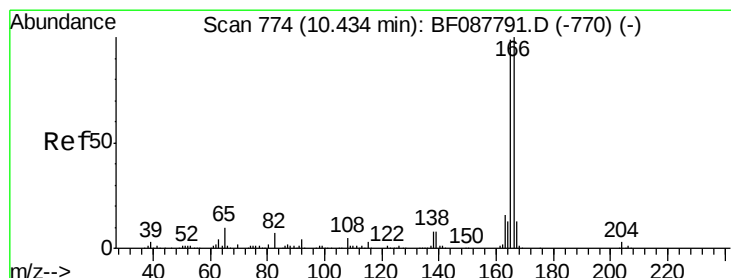
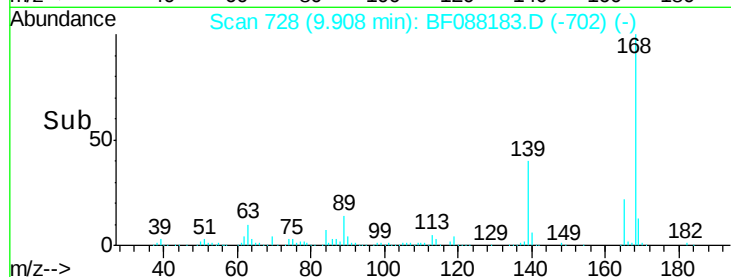
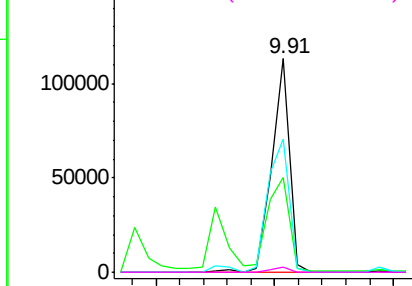


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

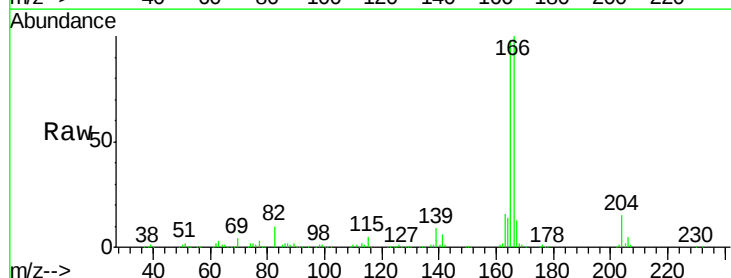
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 33.83 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

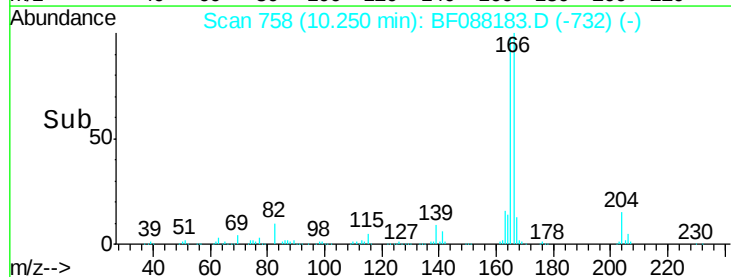
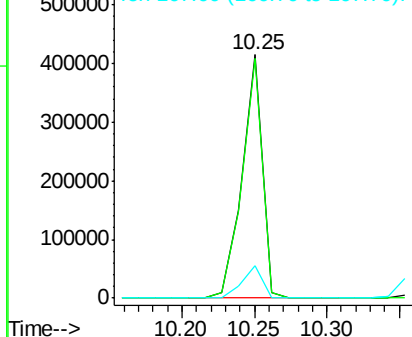
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.1	11.2	16.8



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

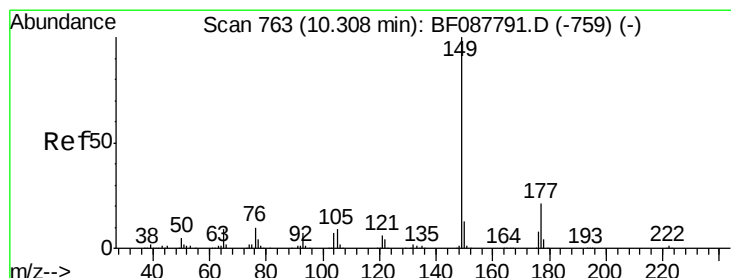
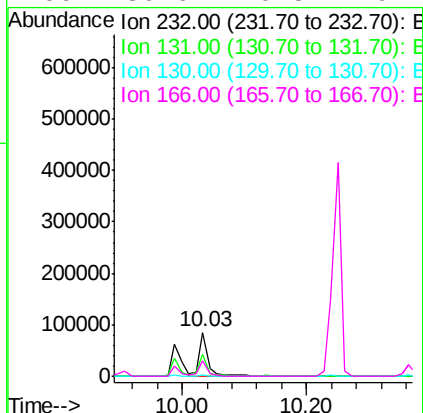
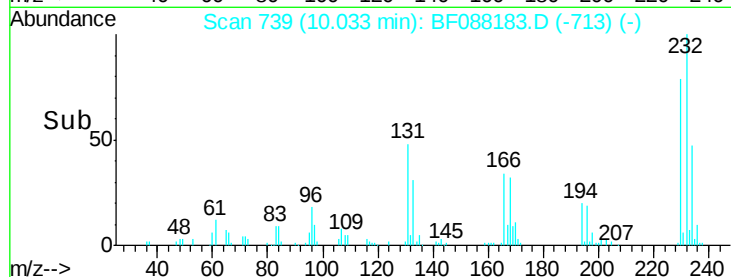
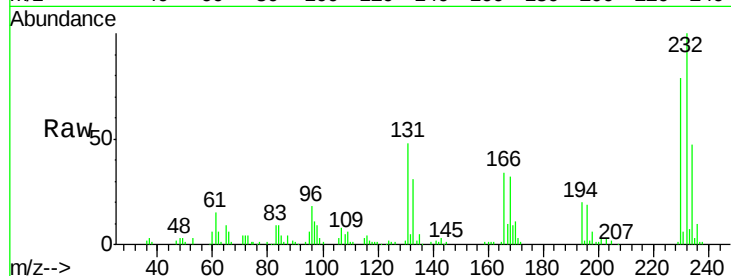




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.95 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

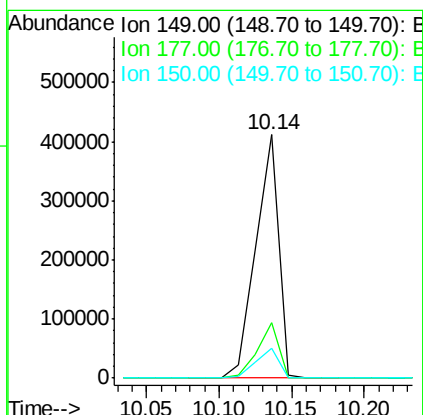
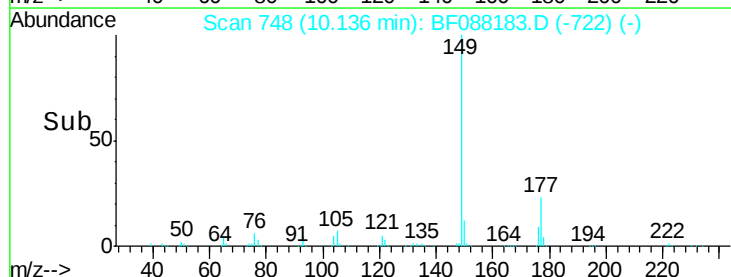
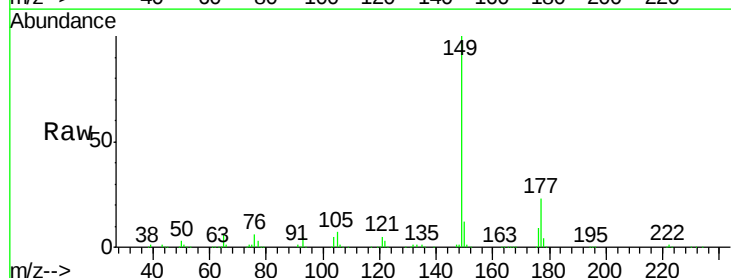
Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

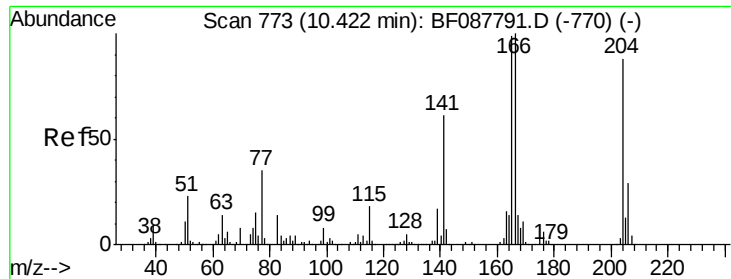
Tgt Ion: 232 Resp: 87425
 Ion Ratio Lower Upper
 232 100
 131 47.1 0.9 1.3#
 130 2.1 1.5 2.3
 166 30.6 0.5 0.7#



#59
 Diethylphthalate
 Concen: 32.01 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion: 149 Resp: 448956
 Ion Ratio Lower Upper
 149 100
 177 22.5 16.9 25.3
 150 12.2 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 28.29 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

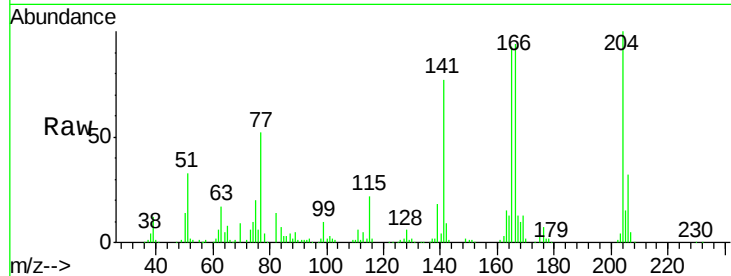
Tgt Ion:204 Resp: 159137

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

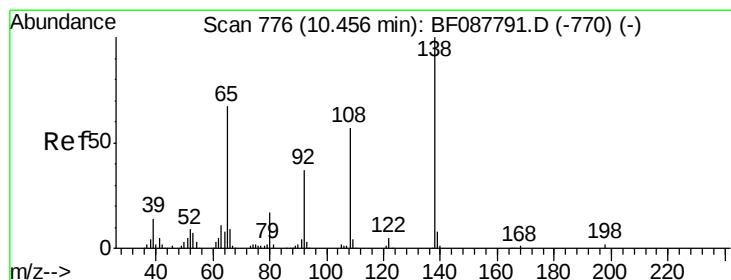
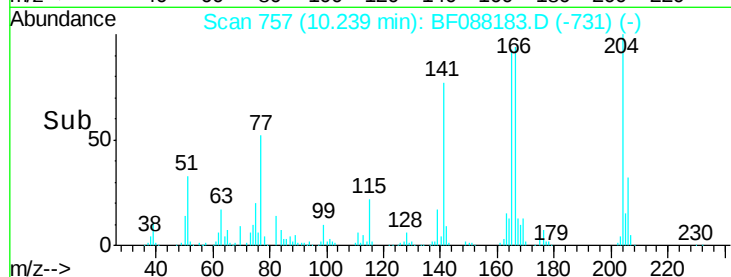
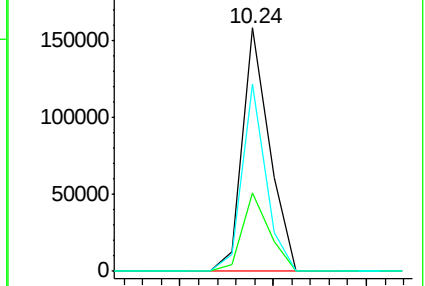
141 76.9 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 31.05 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

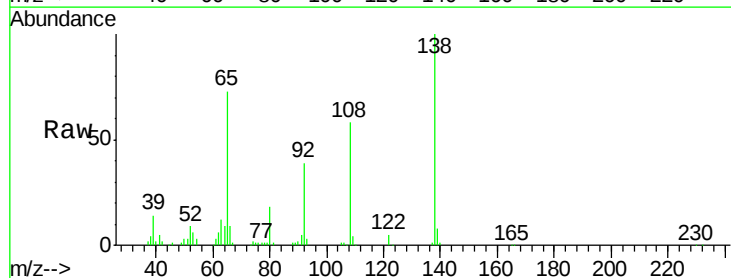
Tgt Ion:138 Resp: 107839

Ion Ratio Lower Upper

138 100

92 39.5 27.3 67.3

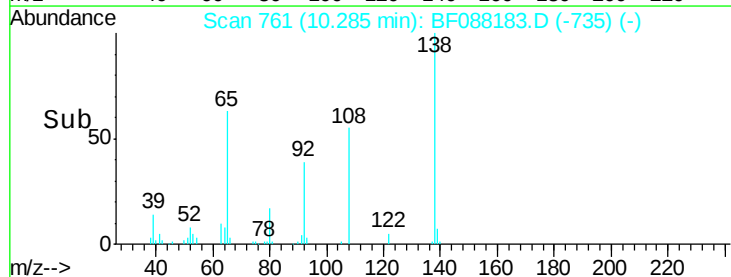
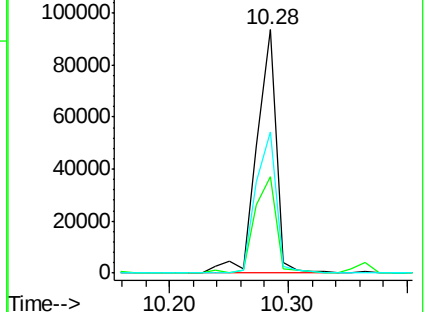
108 58.0 46.7 86.7

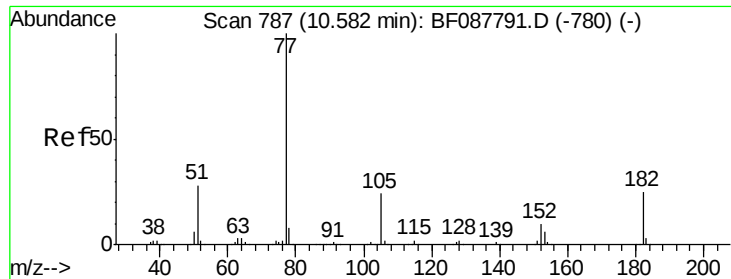


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

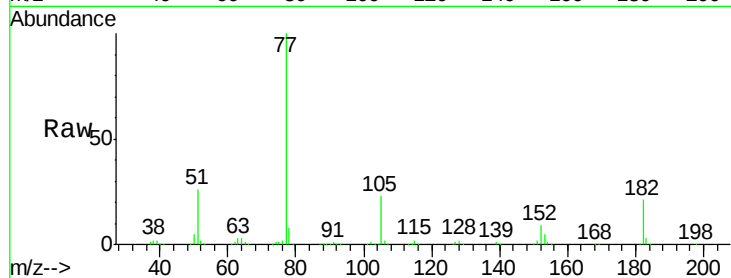




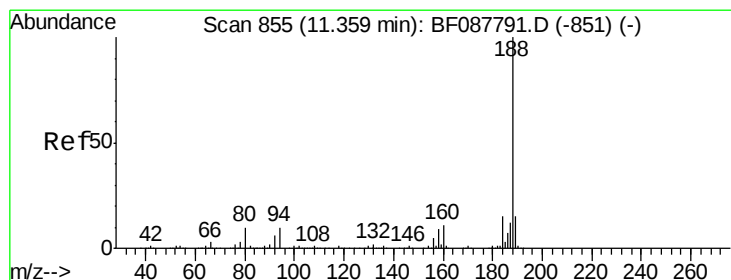
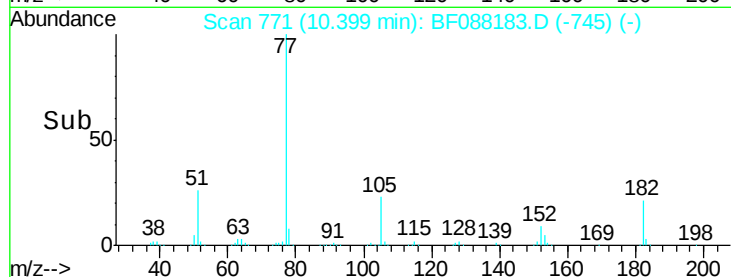
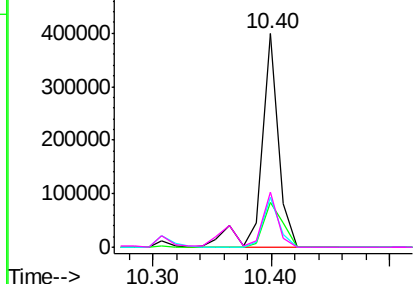
#62
Azobenzene
Concen: 29.04 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion:	77	Resp:	402797
Ion	Ratio	Lower	Upper
77	100		
182	20.9	4.4	44.4
105	23.2	3.8	43.8
51	26.0	9.3	49.3

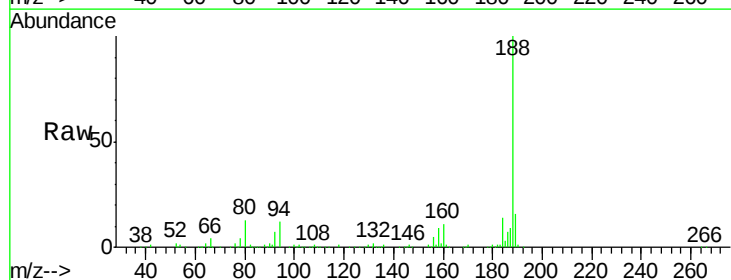


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

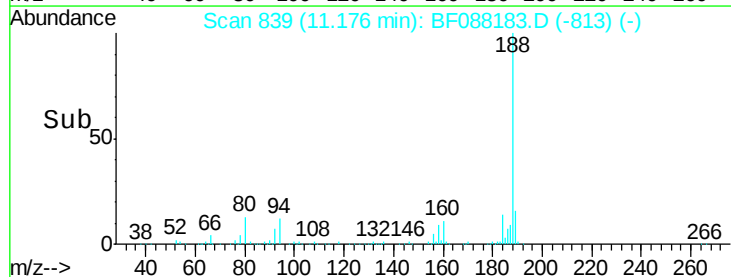
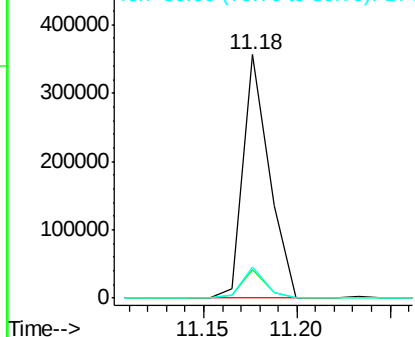


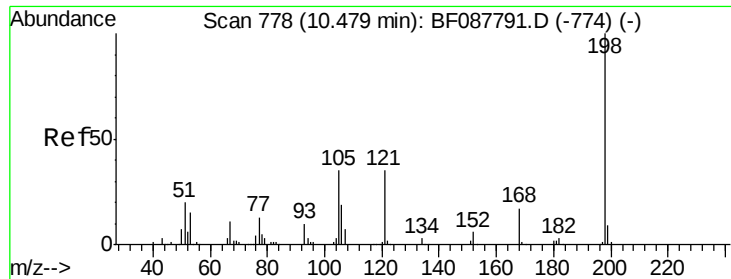
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:	188	Resp:	347960
Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	13.0	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: 22.10 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

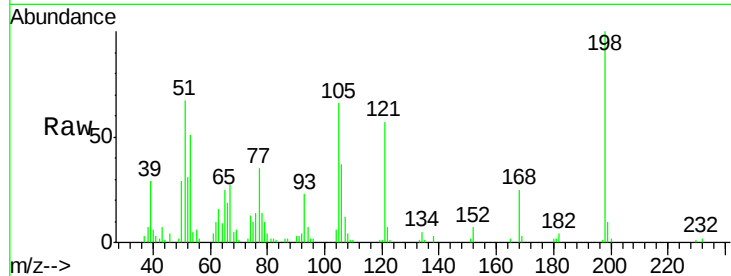
Tgt Ion:198 Resp: 45344

Ion Ratio Lower Upper

198 100

51 66.6 39.6 79.6

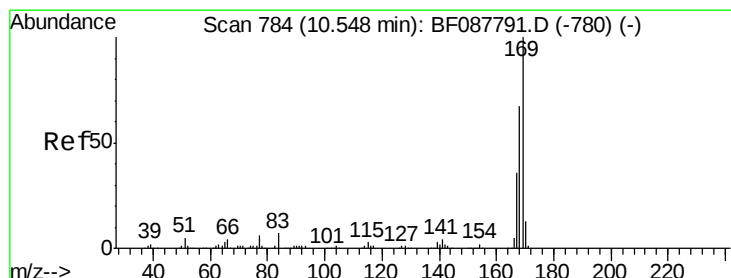
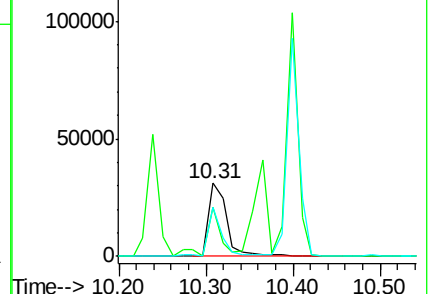
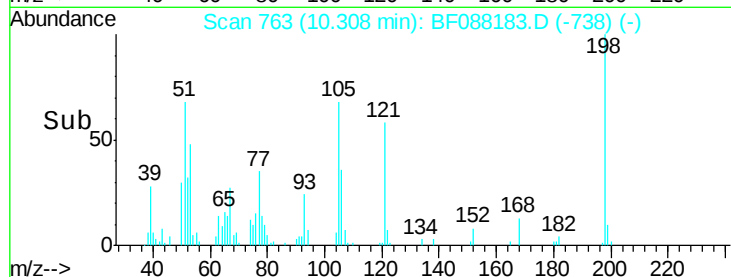
105 66.4 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 31.24 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

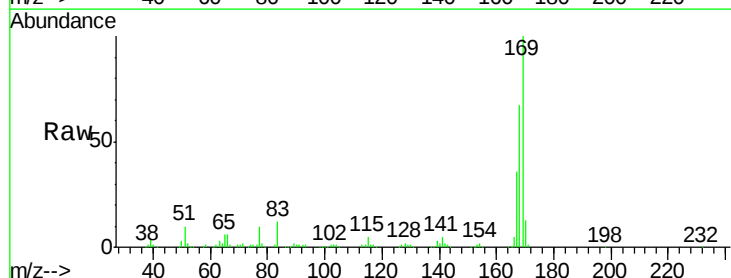
Tgt Ion:169 Resp: 360648

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

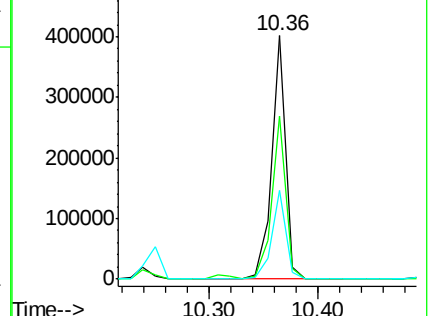
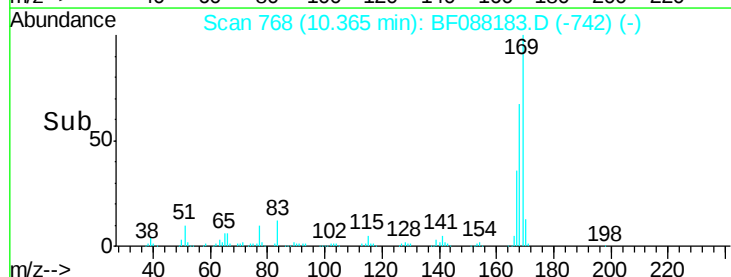
167 36.3 29.4 44.0

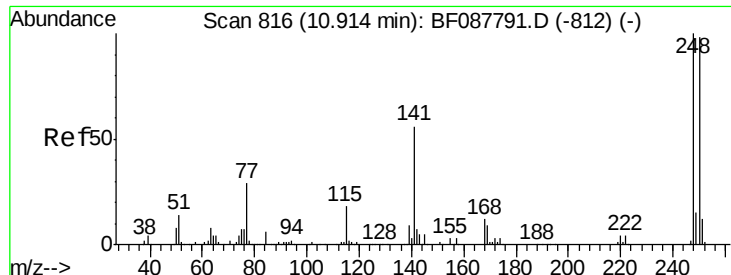


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

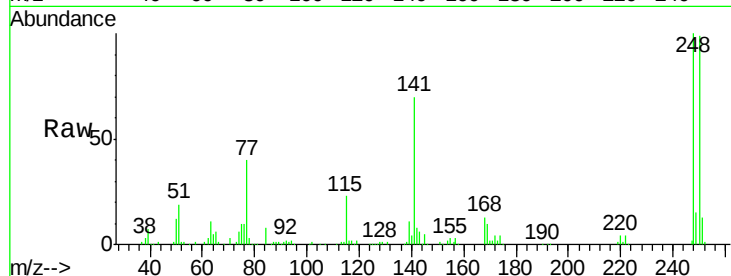




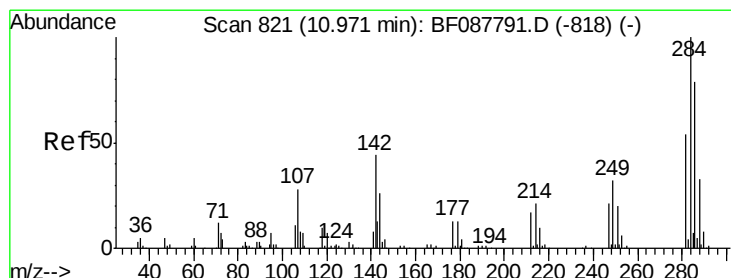
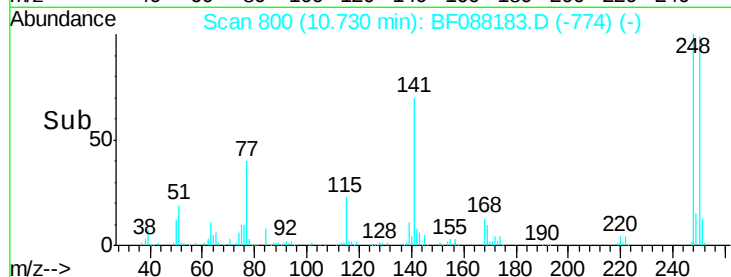
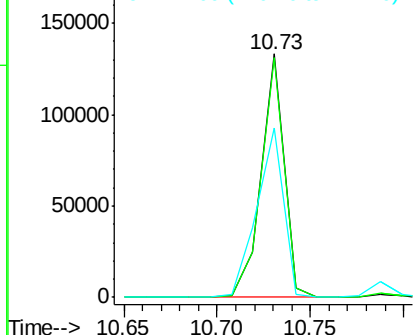
#66
 4-Bromophenyl-phenylether
 Concen: 30.18 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

Tgt Ion:248 Resp: 112662
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 69.7 50.6 76.0

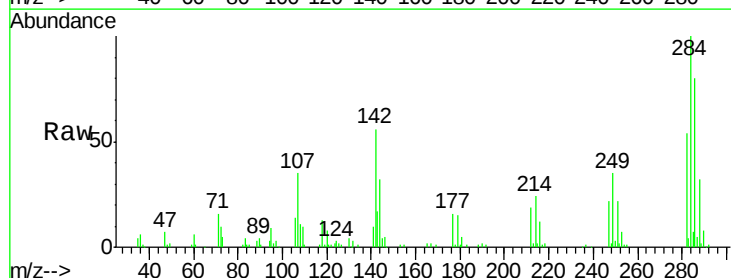


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

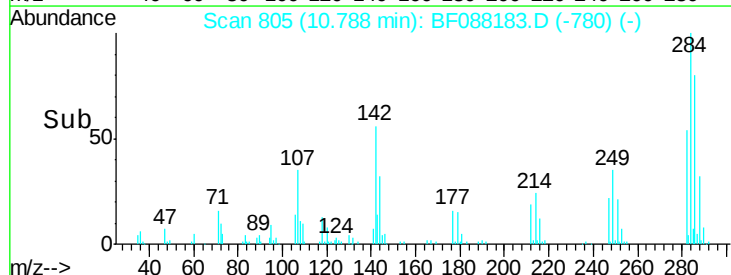
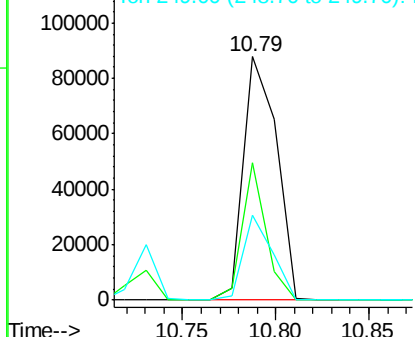


#67
 Hexachlorobenzene
 Concen: 28.04 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:284 Resp: 108751
 Ion Ratio Lower Upper
 284 100
 142 56.4 35.8 53.8#
 249 35.1 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

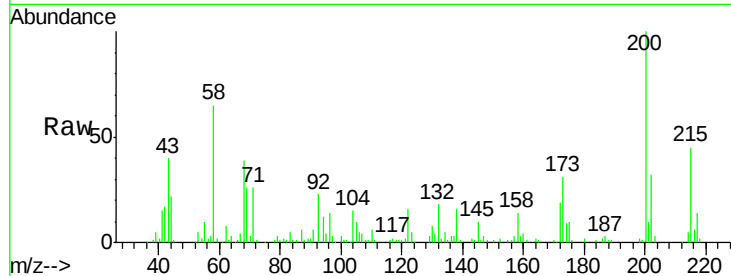




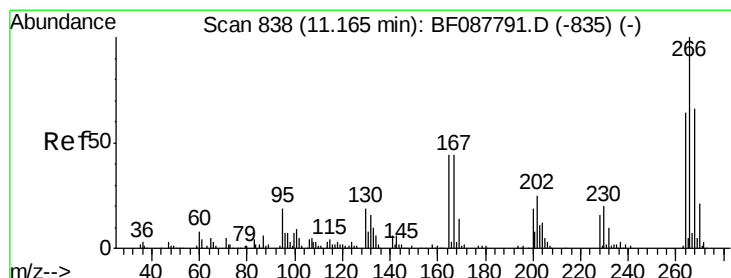
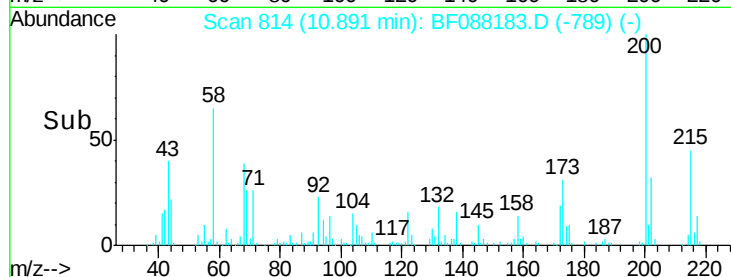
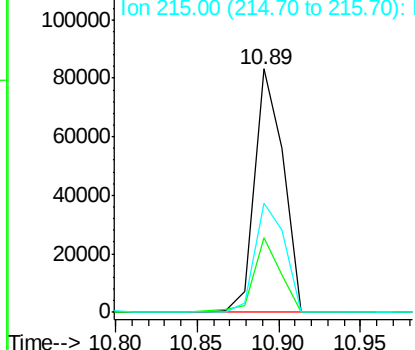
#68
Atrazine
Concen: 28.88 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Tgt Ion:200 Resp: 100957
Ion Ratio Lower Upper
200 100
173 30.6 4.0 44.0
215 44.9 29.3 69.3

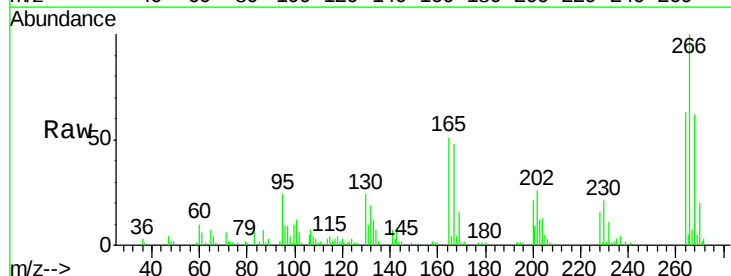


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

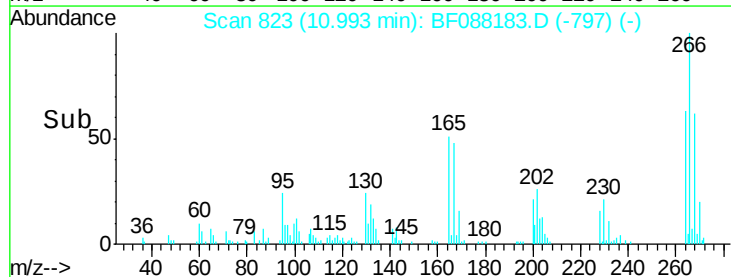
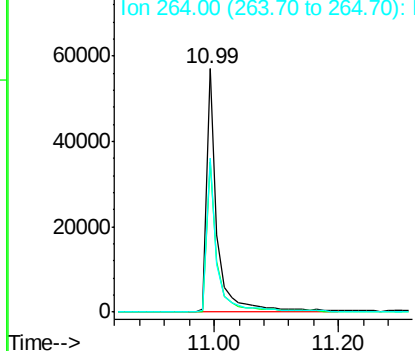


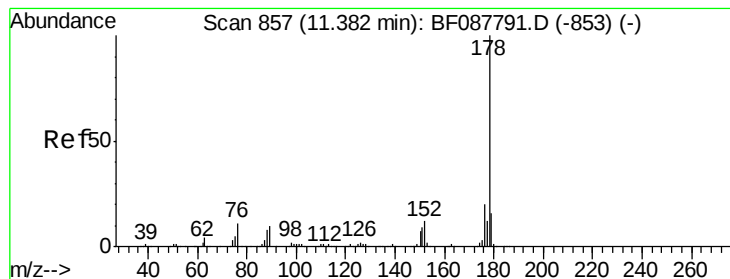
#69
Pentachlorophenol
Concen: 33.11 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:266 Resp: 67691
Ion Ratio Lower Upper
266 100
268 61.5 52.8 79.2
264 63.2 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: 30.15 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

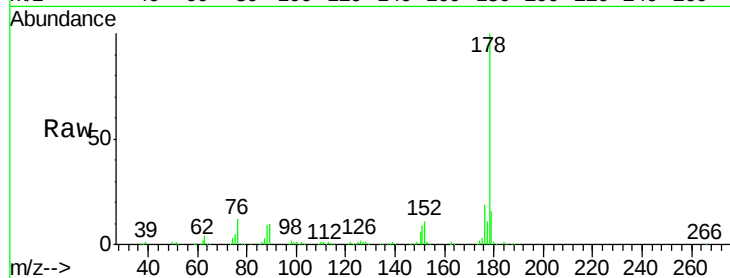
Tgt Ion:178 Resp: 550438

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

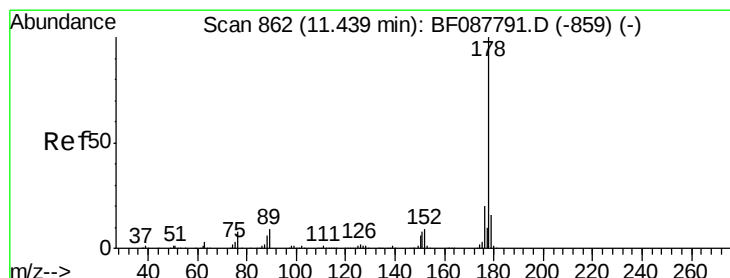
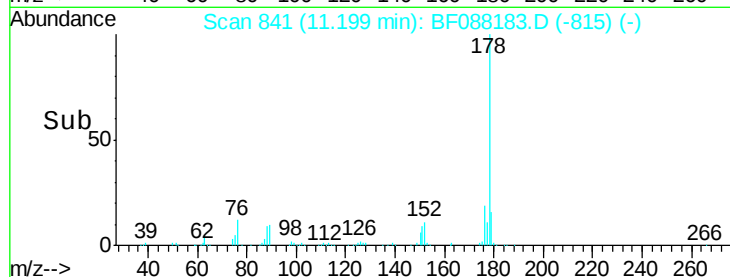
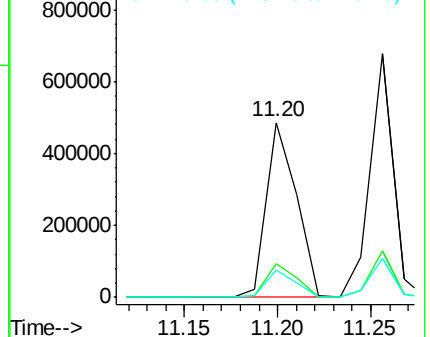
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 31.51 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

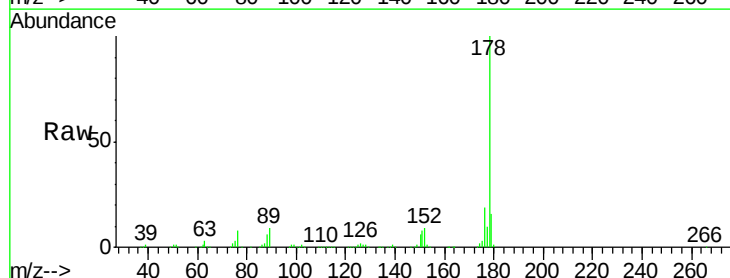
Tgt Ion:178 Resp: 580436

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

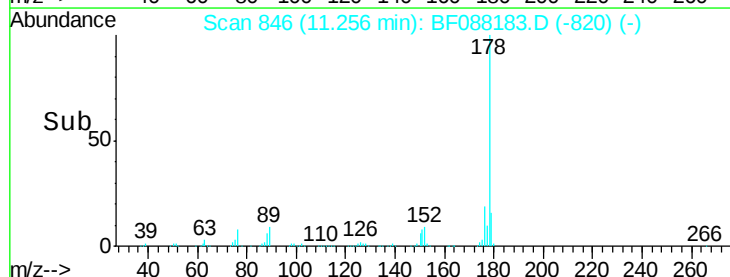
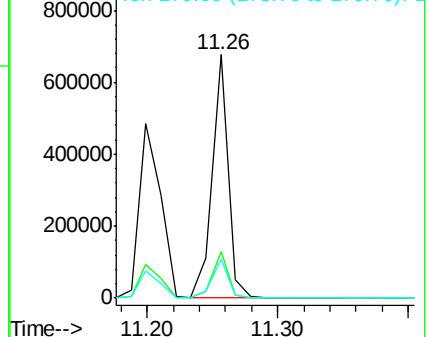
179 15.7 12.8 19.2

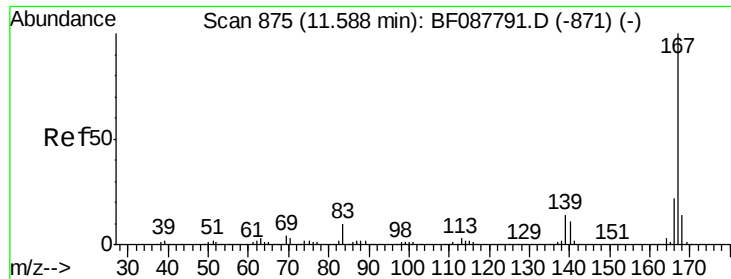


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

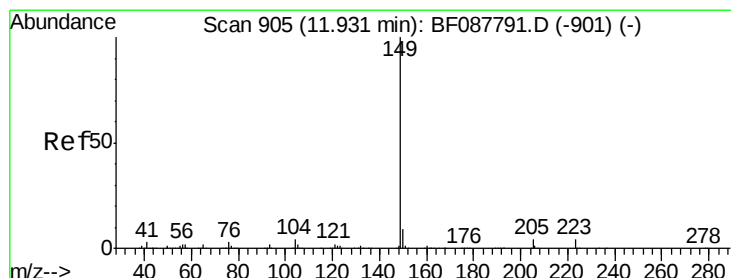
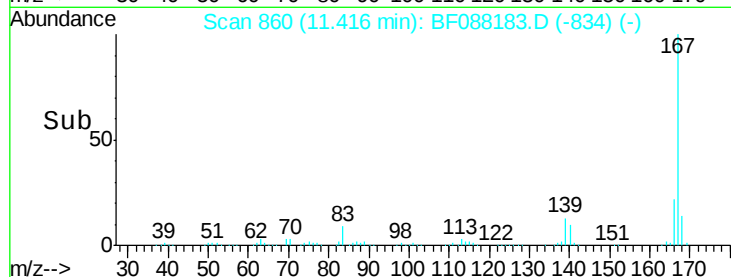
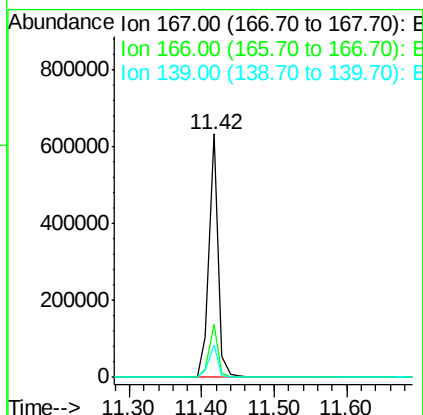
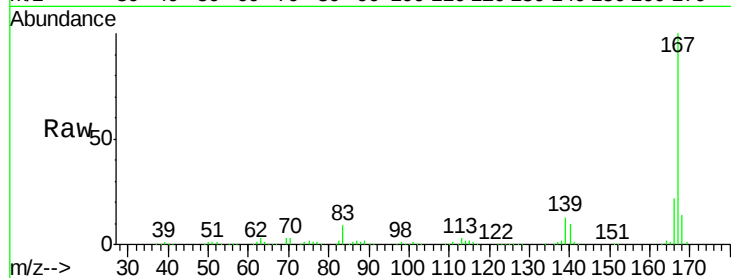




#72
 Carbazole
 Concen: 32.13 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

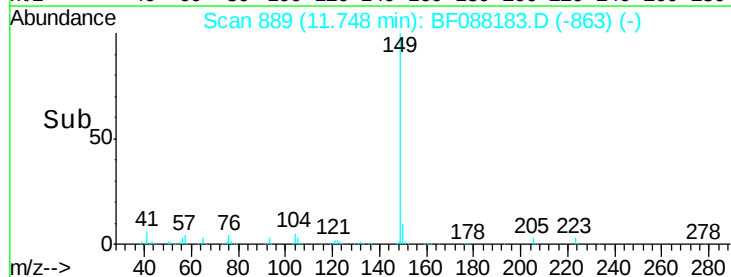
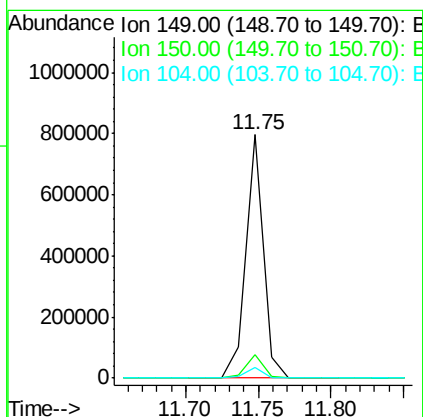
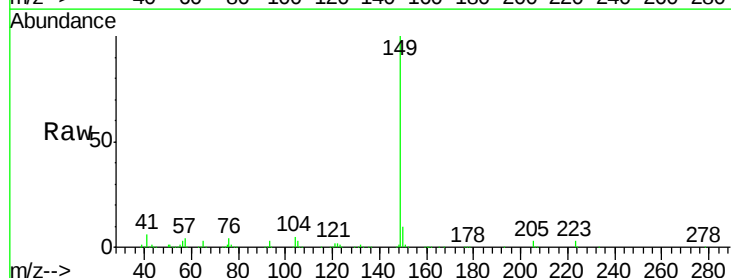
Instrument :
 BNA_F
 ClientSampleId :
 PB91363BS

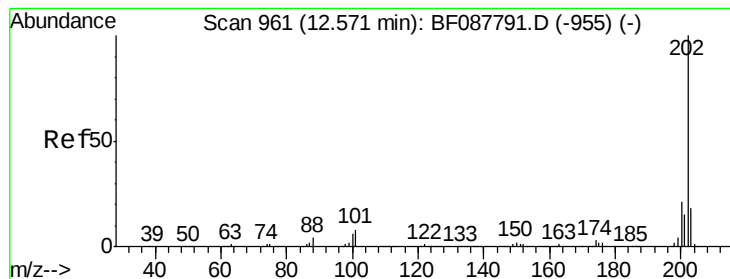
Tgt Ion:167 Resp: 553764
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.3 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 30.44 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088183.D
 Acq: 20 Jun 2016 20:53

Tgt Ion:149 Resp: 664177
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.6 4.0 6.0





#74

Fluoranthene

Concen: 30.97 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

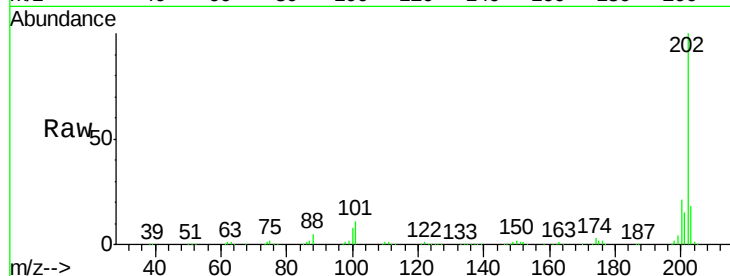
Tgt Ion:202 Resp: 596798

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.1

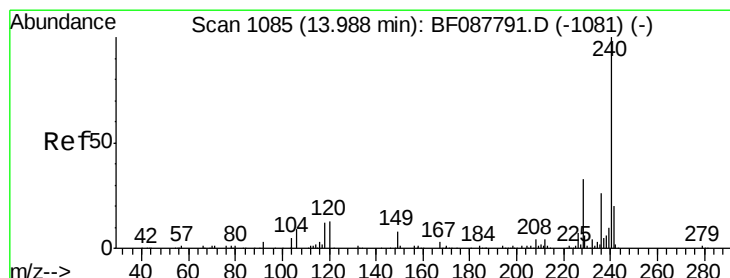
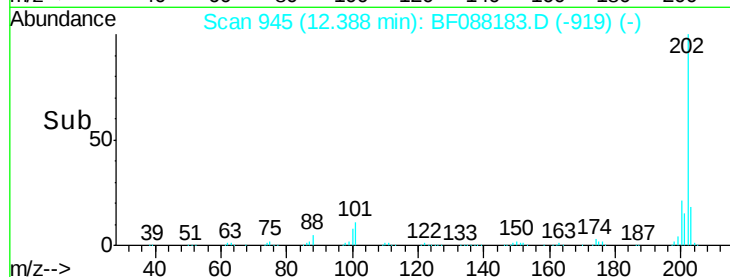
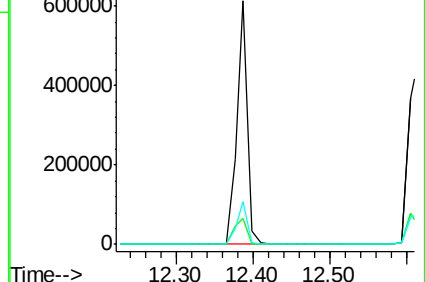
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

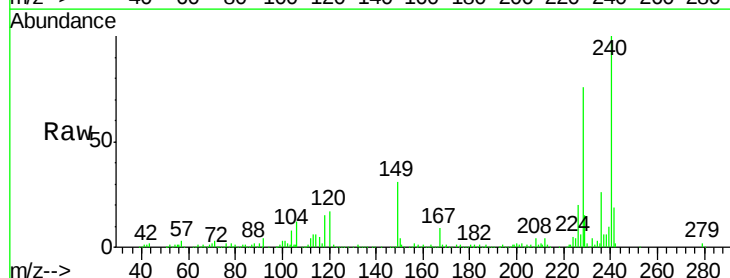
Tgt Ion:240 Resp: 268683

Ion Ratio Lower Upper

240 100

120 17.4 6.8 10.2#

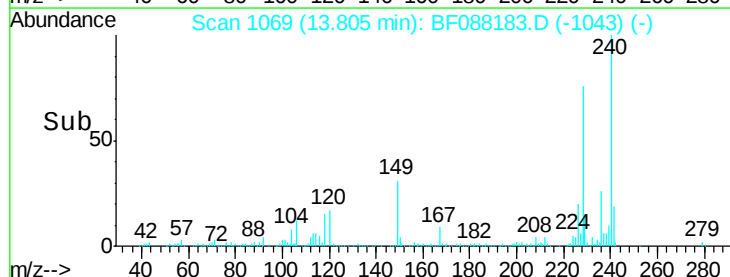
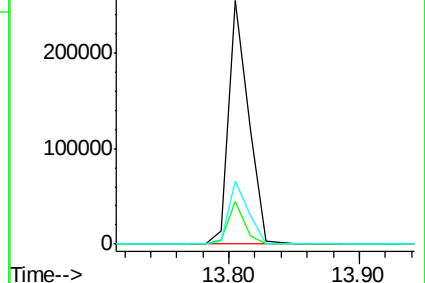
236 25.9 20.2 30.2

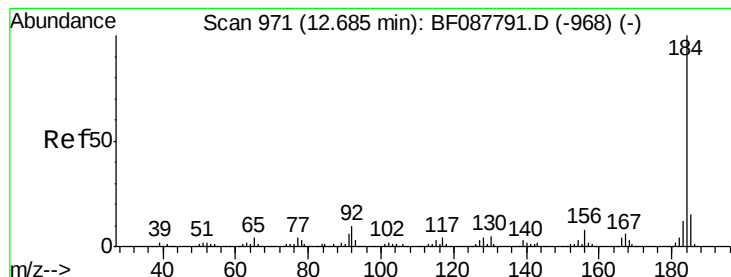


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 27.02 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

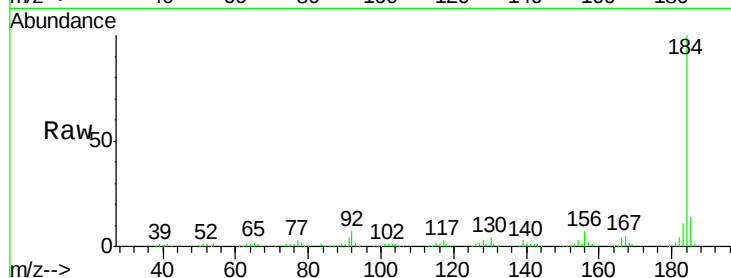
Tgt Ion:184 Resp: 200998

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

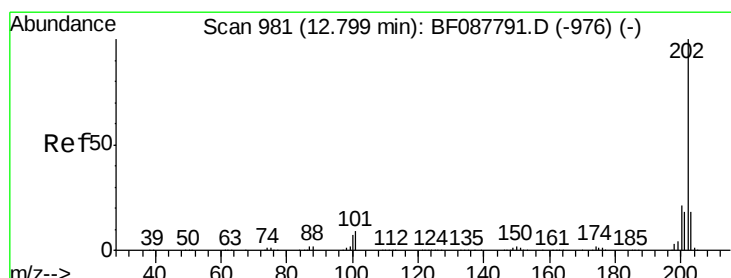
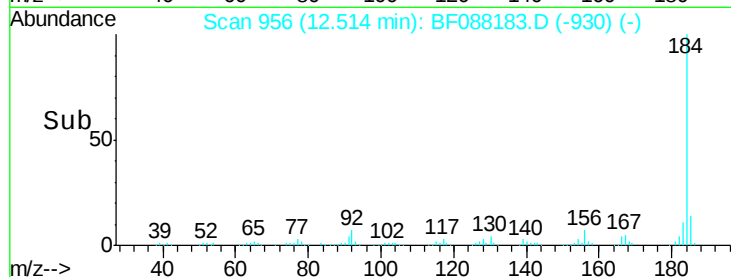
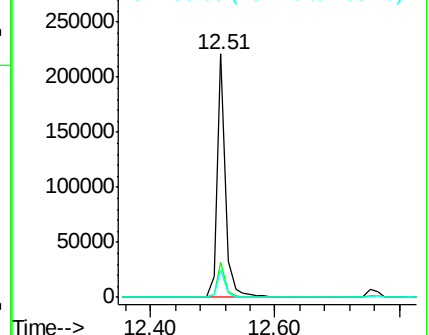
183 11.4 9.3 13.9



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: 29.56 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

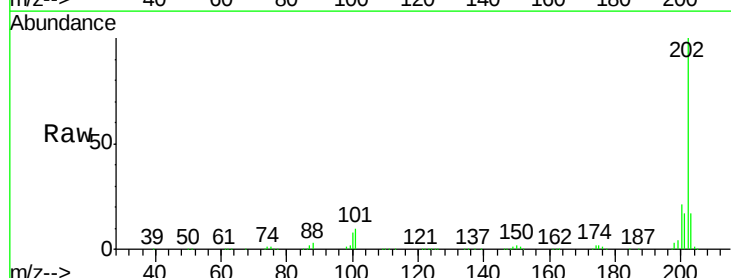
Tgt Ion:202 Resp: 589286

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

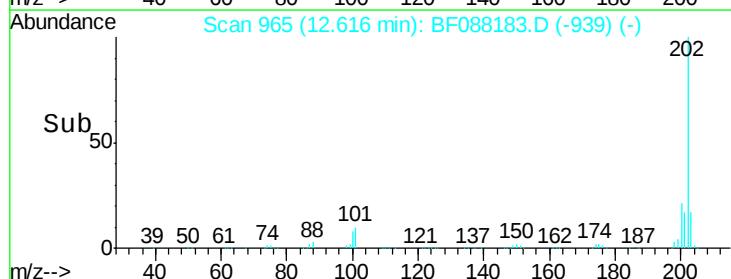
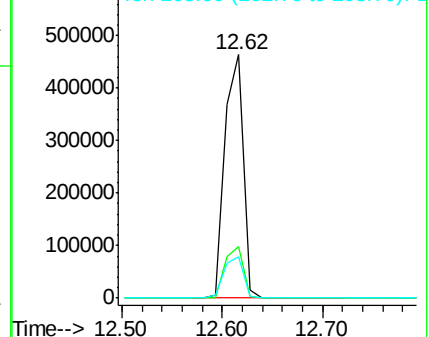
203 17.1 14.5 21.7

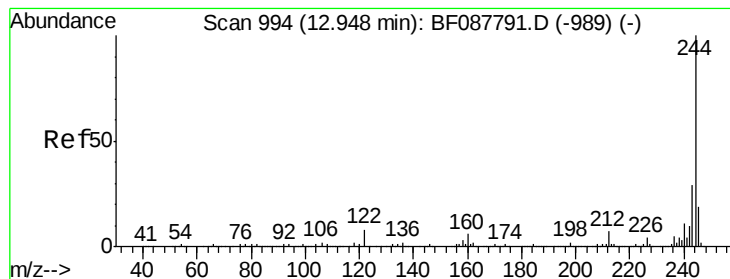


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.91 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

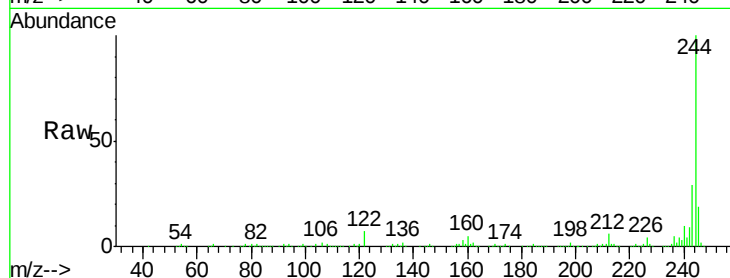
Tgt Ion:244 Resp: 683715

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

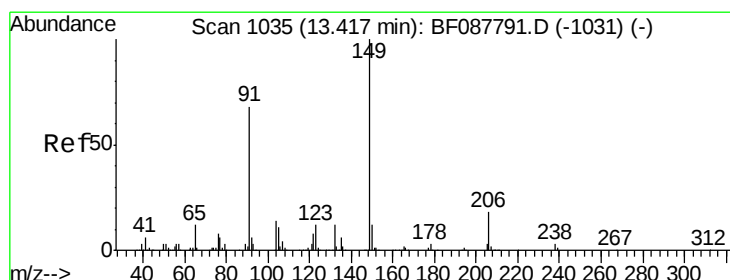
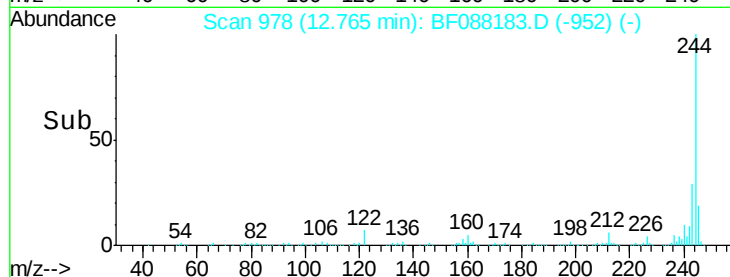
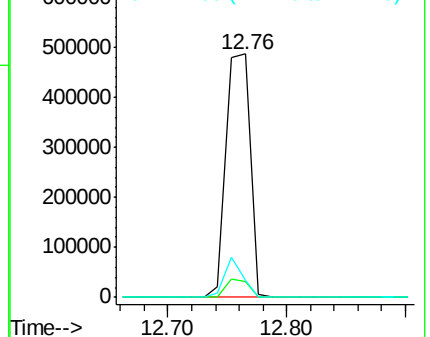
122 7.0 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 31.10 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

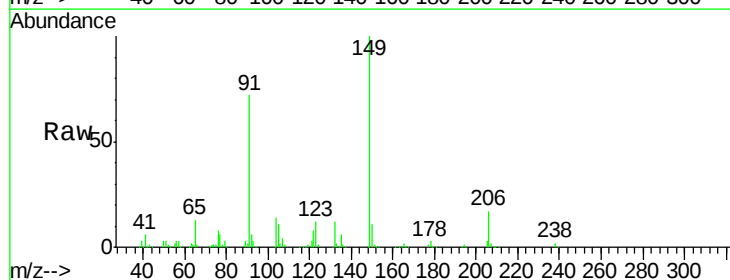
Tgt Ion:149 Resp: 274115

Ion Ratio Lower Upper

149 100

91 71.9 48.0 72.0

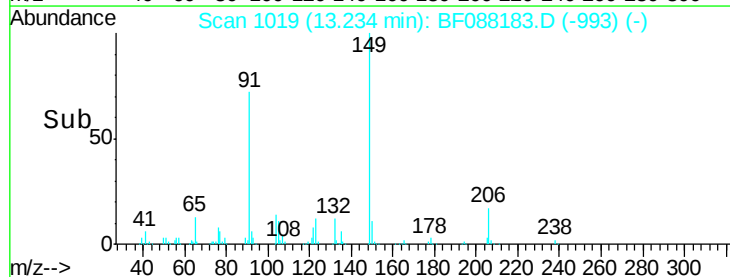
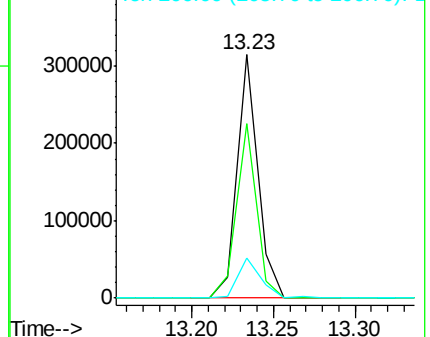
206 16.7 16.0 24.0

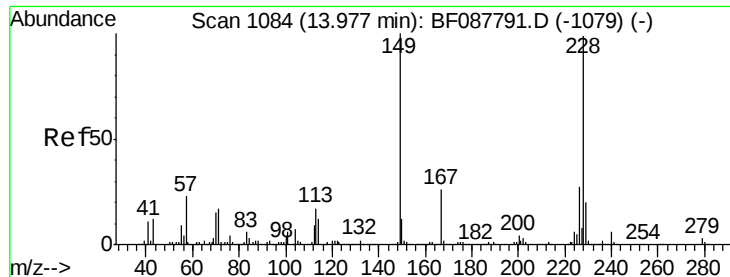


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 28.23 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

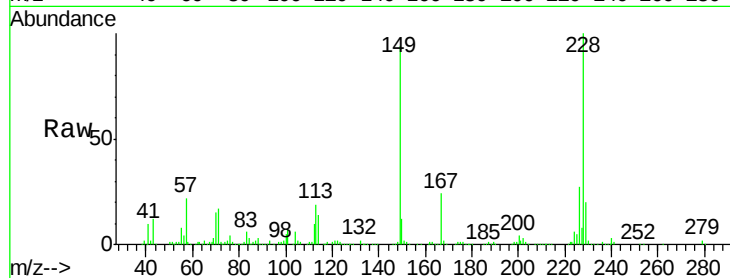
Tgt Ion:228 Resp: 432180

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

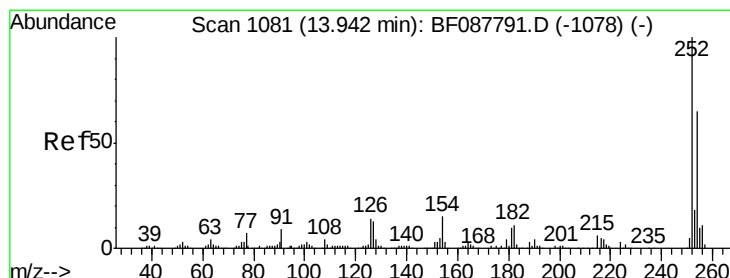
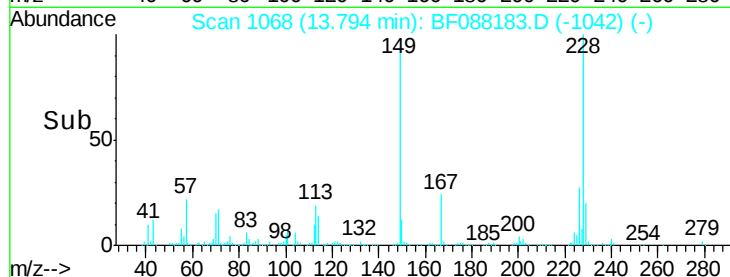
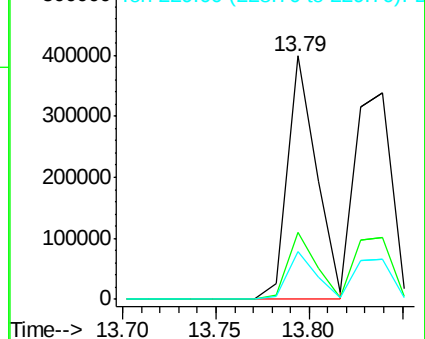
229 19.9 16.0 24.0



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: 21.57 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

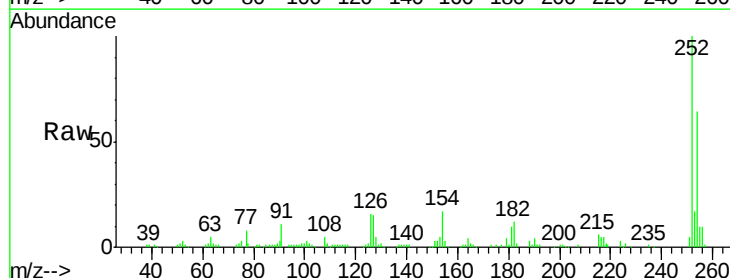
Tgt Ion:252 Resp: 88811

Ion Ratio Lower Upper

252 100

254 63.8 52.6 78.8

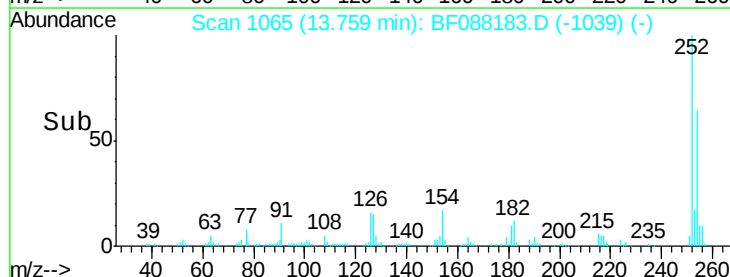
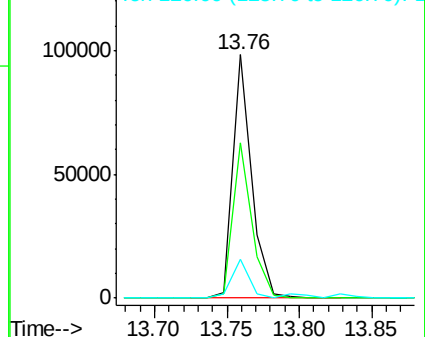
126 16.0 6.2 9.2#

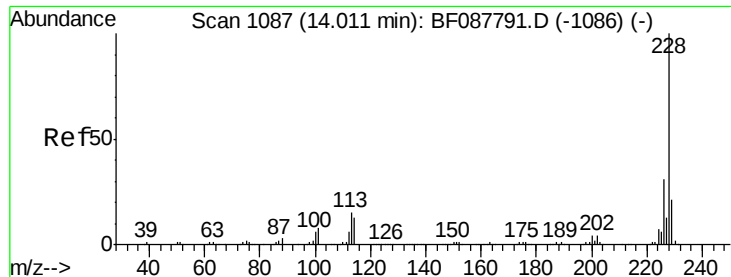


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.53 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

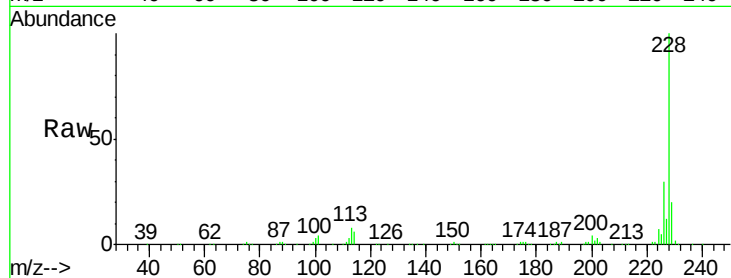
Tgt Ion:228 Resp: 468644

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

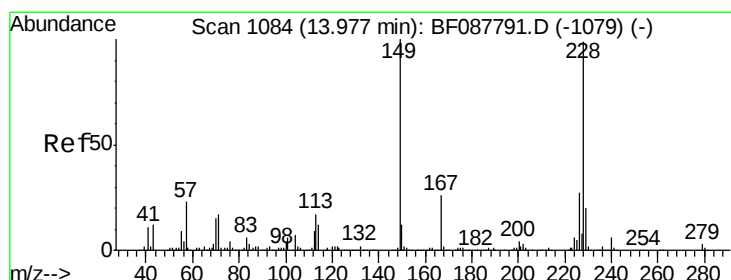
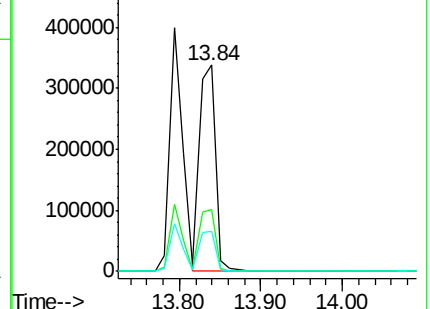
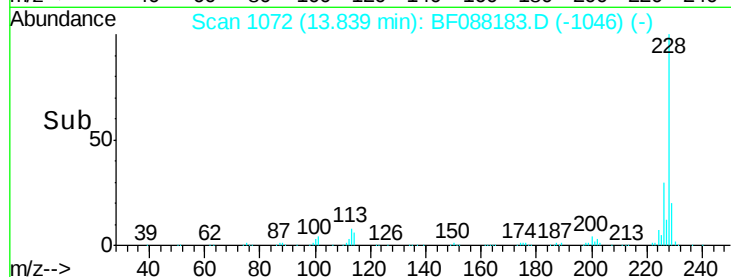
229 19.6 16.3 24.5



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: 31.92 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

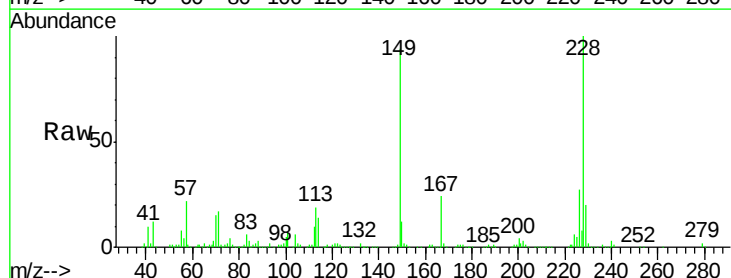
Tgt Ion:149 Resp: 342512

Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

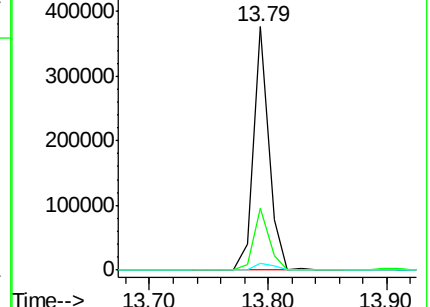
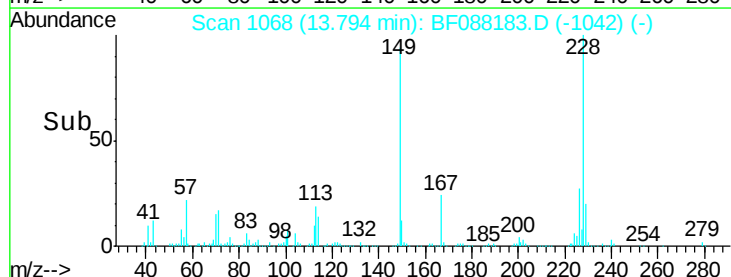
279 2.6 2.0 3.0



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

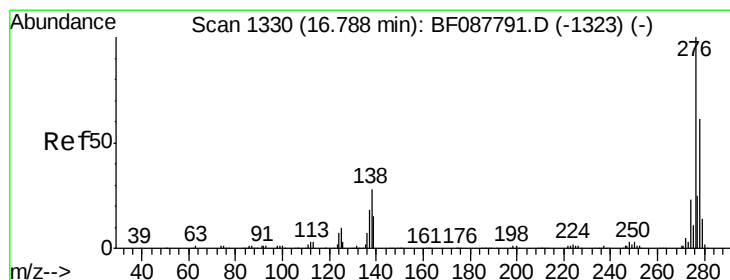
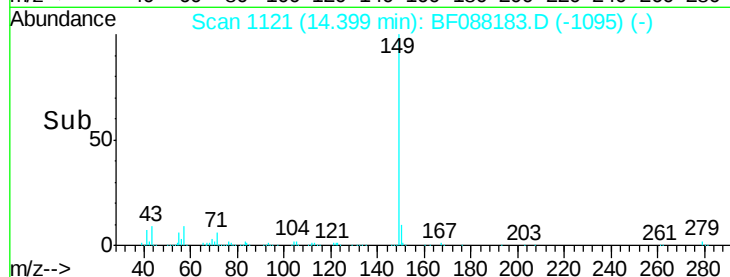
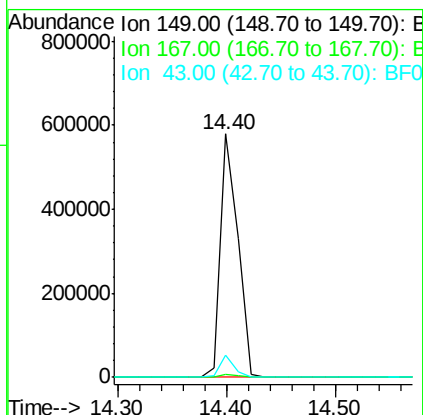
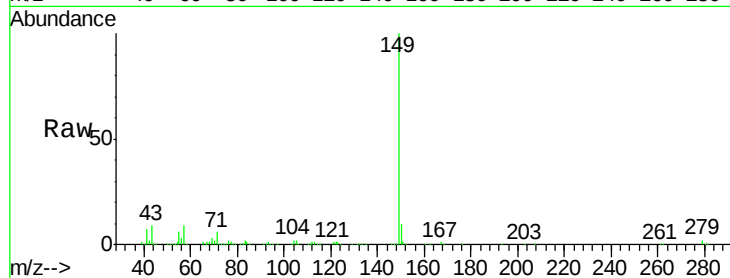




#84
Di-n-octyl phthalate
Concen: 37.08 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

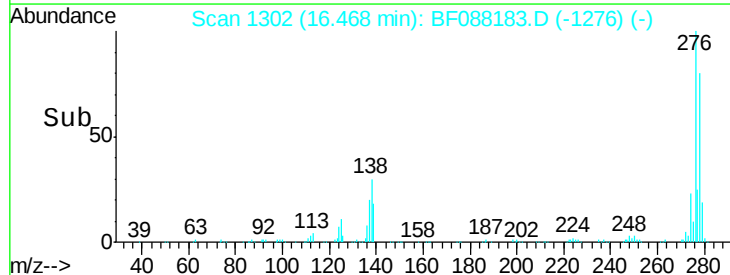
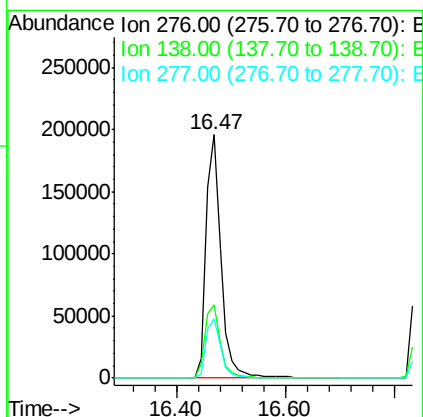
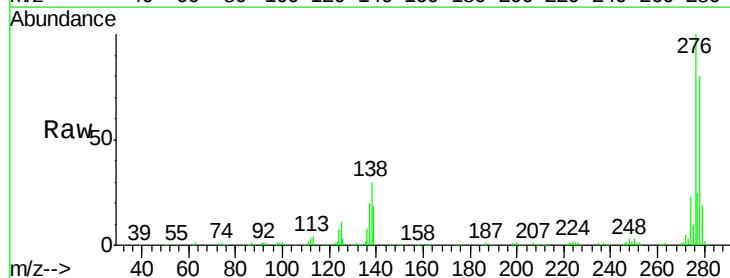
Instrument :
BNA_F
ClientSampleId :
PB91363BS

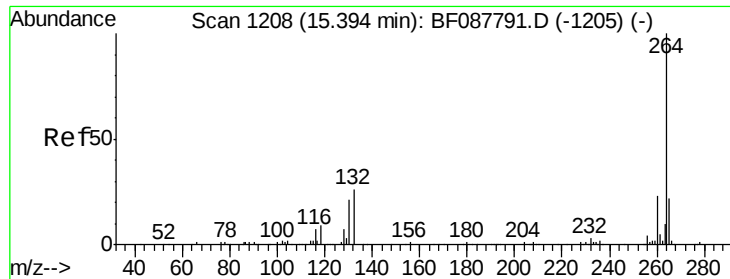
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.0	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 27.98 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	0.0	0.0#
277	24.9	0.0	0.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

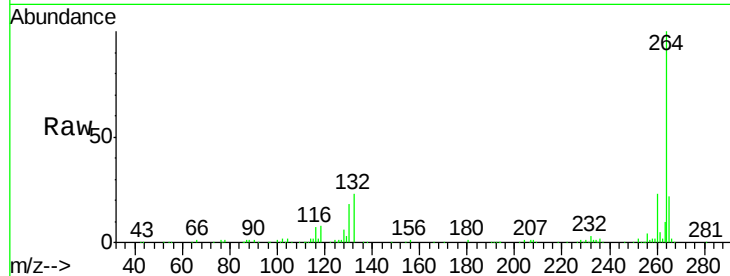
Tgt Ion:264 Resp: 223742

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

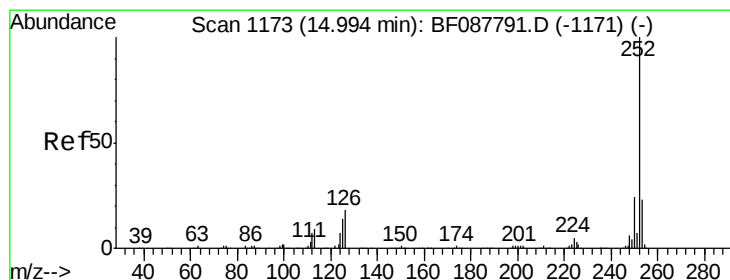
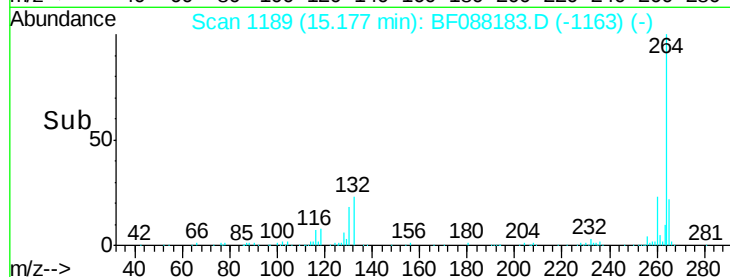
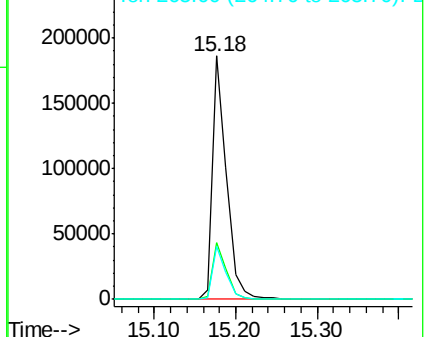
265 21.6 16.9 25.3



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: 52.94 ng

RT: 14.80 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

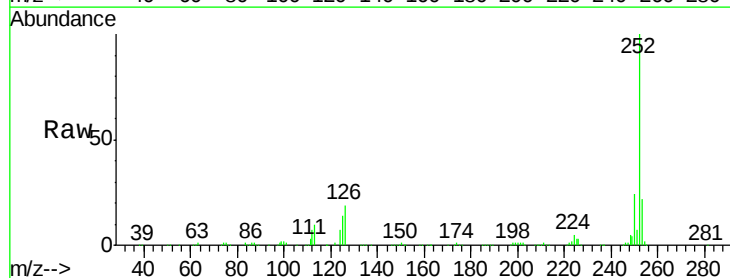
Tgt Ion:252 Resp: 825628

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

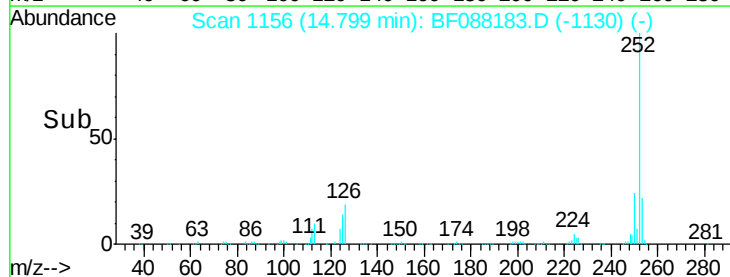
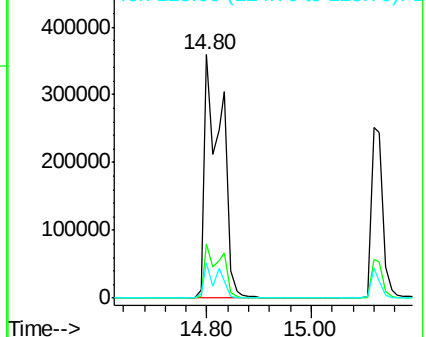
125 14.4 7.1 10.7#

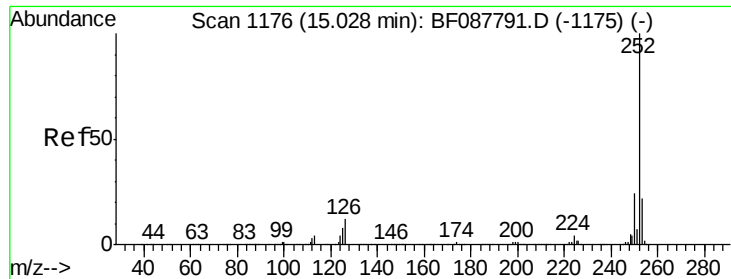


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

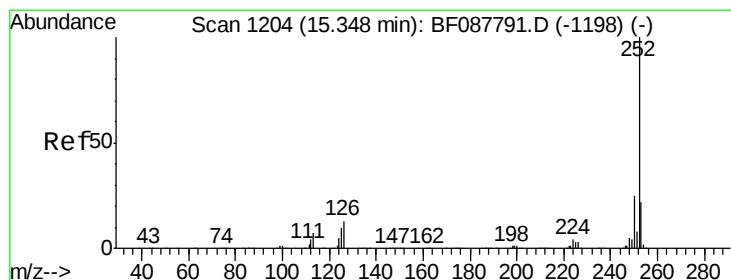
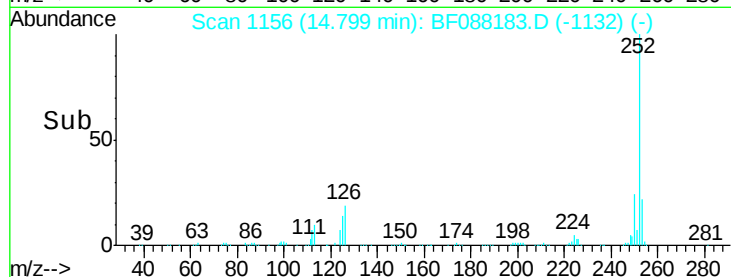
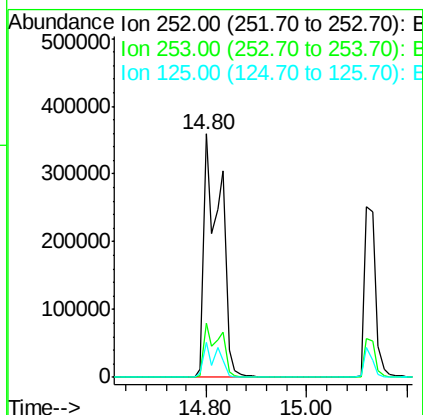
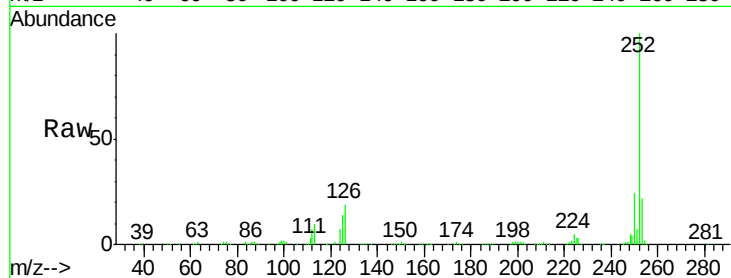




#88
Benzo(k)fluoranthene
Concen: 70.19 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

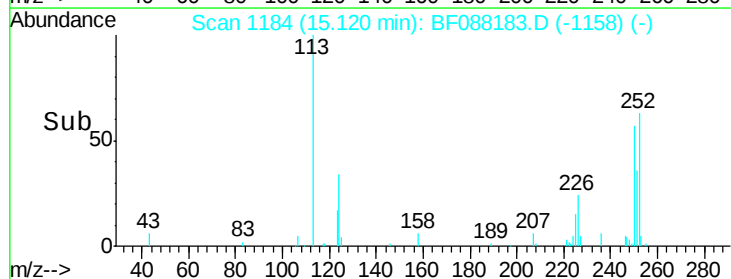
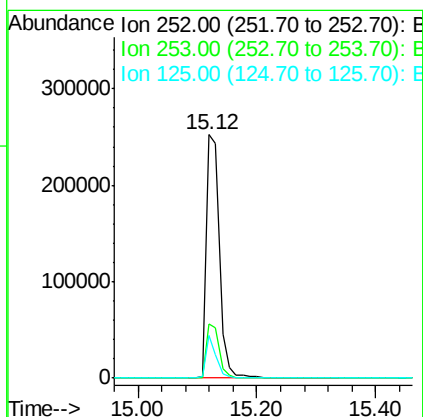
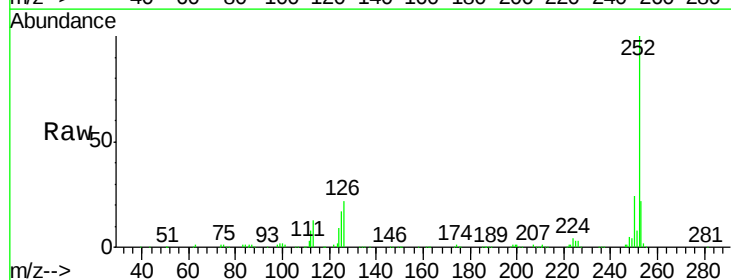
Instrument :
BNA_F
ClientSampleId :
PB91363BS

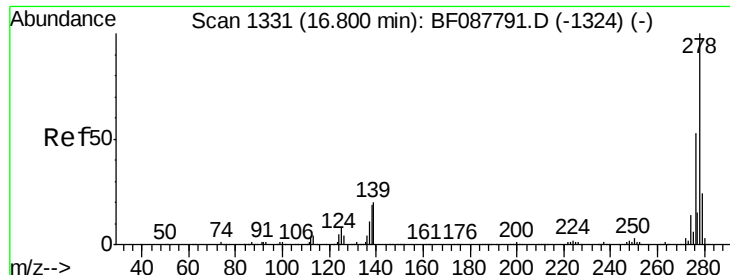
Tgt Ion:252 Resp: 825639
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 14.4 11.2 16.8



#89
Benzo(a)pyrene
Concen: 31.04 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF088183.D
Acq: 20 Jun 2016 20:53

Tgt Ion:252 Resp: 391694
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 17.4 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 26.98 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB91363BS

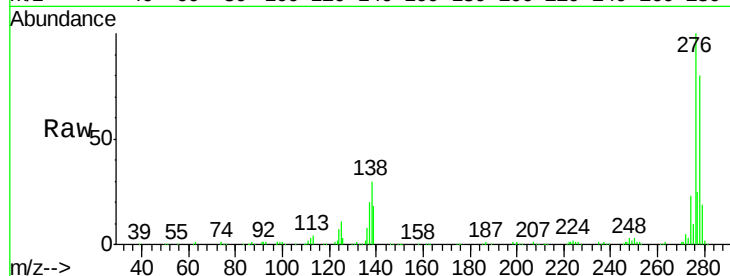
Tgt Ion:278 Resp: 316125

Ion Ratio Lower Upper

278 100

139 22.5 15.7 23.5

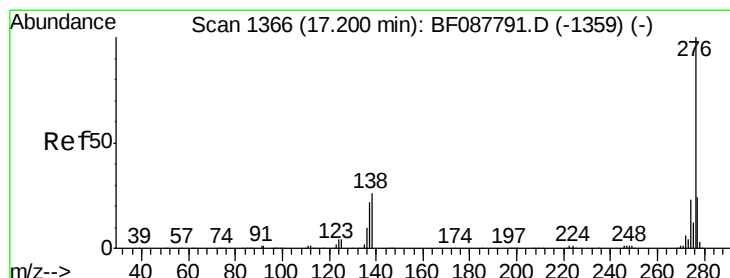
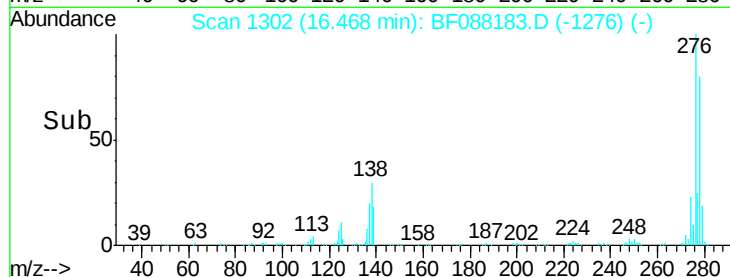
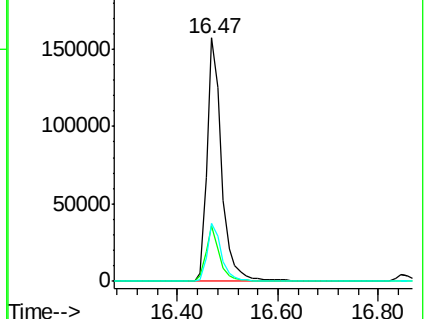
279 23.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 27.00 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088183.D

Acq: 20 Jun 2016 20:53

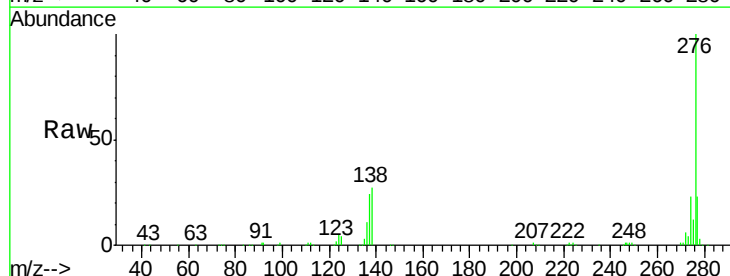
Tgt Ion:276 Resp: 325477

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 27.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

