

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088178.D
 Acq On : 20 Jun 2016 18:27
 Operator : UM/SJ
 Sample : PB91291BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Quant Time: Jun 20 18:55:13 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	6.67	152	84633	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	347662	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	170147	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	314552	20.00	ng	0.00
75) Chrysene-d12	13.81	240	228373	20.00	ng	0.00
86) Perylene-d12	15.18	264	198478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	535165	108.10	ng	0.01
7) Phenol-d6	6.33	99	701470	116.92	ng	0.00
23) Nitrobenzene-d5	7.24	82	470854	79.09	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	167437	93.20	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	922128	85.15	ng	-0.01
78) Terphenyl-d14	12.77	244	854302	85.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	74696	31.05	ng	# 37
3) Pyridine	2.87	79	207095	36.46	ng	92
4) n-Nitrosodimethylamine	2.82	42	92292	38.37	ng	80
6) Aniline	6.33	93	168450	19.73	ng	# 44
8) 2-Chlorophenol	6.46	128	255061	43.53	ng	92
10) Phenol	6.34	94	315771	51.32	ng	91
11) bis(2-Chloroethyl)ether	6.41	93	217659	41.37	ng	91
12) 1,3-Dichlorobenzene	6.60	146	253216	40.28	ng	98
13) 1,4-Dichlorobenzene	6.68	146	262714	41.48	ng	99
14) 1,2-Dichlorobenzene	6.68	146	262714	45.61	ng	95
15) Benzyl Alcohol	6.82	79	162608	34.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257360	36.21	ng	73
17) 2-Methylphenol	6.95	107	208661	43.91	ng	98
18) Hexachloroethane	7.18	117	94216	41.92	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	166718	43.44	ng	# 84
20) 3+4-Methylphenols	7.11	107	266191	48.01	ng	# 74
22) Acetophenone	7.08	105	323872	41.69	ng	# 98
24) Nitrobenzene	7.26	77	232453	40.31	ng	90
25) Isophorone	7.50	82	449506	40.76	ng	99
26) 2-Nitrophenol	7.58	139	137690	44.57	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	226092	39.75	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	287694	42.06	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	222346	46.82	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	204342	39.51	ng	99
31) Naphthalene	7.98	128	738131	42.90	ng	99
32) Benzoic acid	7.76	122	73133	23.35	ng	94
33) 4-Chloroaniline	8.03	127	140241	18.25	ng	96
34) Hexachlorobutadiene	8.09	225	110112	40.37	ng	98
35) Caprolactam	8.41	113	44966	28.58	ng	# 84
36) 4-Chloro-3-methylphenol	8.54	107	232438	45.76	ng	97
37) 2-Methylnaphthalene	8.66	142	482121	42.52	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200988	45.59	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	114797	41.83	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	134440	39.51	ng	99

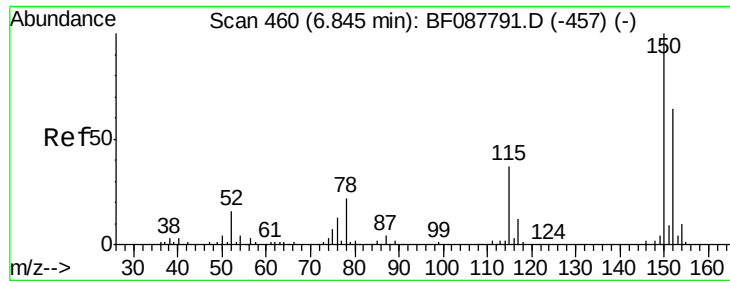
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	144963	40.95	ng	96
45) 1,1'-Biphenyl	9.13	154	577442	45.25	ng	98
46) 2-Chloronaphthalene	9.15	162	460702	41.84	ng	98
47) 2-Nitroaniline	9.26	65	128232	39.48	ng	90
48) Acenaphthylene	9.56	152	678727	38.76	ng	100
49) Dimethylphthalate	9.44	163	537434	43.60	ng	100
50) 2,6-Dinitrotoluene	9.51	165	123976	43.92	ng	# 82
51) Acenaphthene	9.74	154	425191	38.92	ng	99
52) 3-Nitroaniline	9.67	138	77506	23.80	ng	93
53) 2,4-Dinitrophenol	9.78	184	49603	37.96	ng	99
54) Dibenzofuran	9.91	168	577701	38.40	ng	# 90
55) 4-Nitrophenol	9.86	139	141668	56.04	ng	# 71
56) 2,4-Dinitrotoluene	9.91	165	158520	43.70	ng	# 61
57) Fluorene	10.25	166	488466	48.41	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	115460	41.50	ng	# 57
59) Diethylphthalate	10.14	149	553571	44.37	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	197504	39.47	ng	90
61) 4-Nitroaniline	10.28	138	130491	42.24	ng	98
62) Azobenzene	10.40	77	512814	41.57	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	54180	28.51	ng	# 63
65) n-Nitrosodiphenylamine	10.36	169	431486	41.34	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	142864	42.34	ng	# 91
67) Hexachlorobenzene	10.80	284	149476	42.63	ng	# 72
68) Atrazine	10.90	200	156483	49.51	ng	95
69) Pentachlorophenol	10.99	266	91158	49.32	ng	97
70) Phenanthrene	11.21	178	736541	44.62	ng	98
71) Anthracene	11.26	178	718943	43.18	ng	100
72) Carbazole	11.42	167	672403	43.16	ng	100
73) Di-n-butylphthalate	11.75	149	823711	41.76	ng	100
74) Fluoranthene	12.39	202	763000	43.80	ng	98
76) Benzidine	12.51	184	290356	45.92	ng	98
77) Pyrene	12.62	202	783414	46.23	ng	99
79) Butylbenzylphthalate	13.23	149	350852	46.83	ng	# 83
80) Benzo(a)anthracene	13.79	228	562642	43.23	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	109948	31.42	ng	# 95
82) Chrysene	13.84	228	639781	52.25	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	427984	46.92	ng	99
84) Di-n-octyl phthalate	14.40	149	848469	57.25	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	476649	41.90	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	1072344	77.52	ng	100
88) Benzo(k)fluoranthene	14.83	252	1072296	102.76	ng	# 95
89) Benzo(a)pyrene	15.13	252	497825	44.48	ng	# 94
90) Dibenzo(a,h)anthracene	16.47	278	400245	38.50	ng	97
91) Benzo(g,h,i)perylene	16.85	276	421683	39.43	ng	98

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

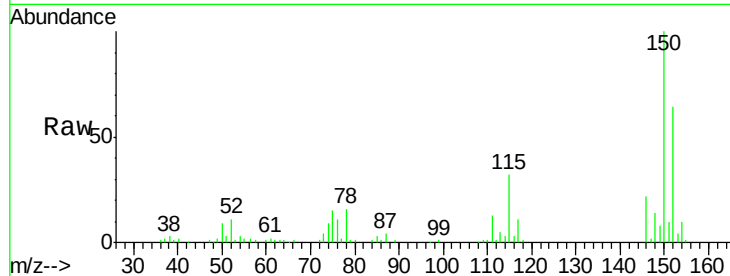


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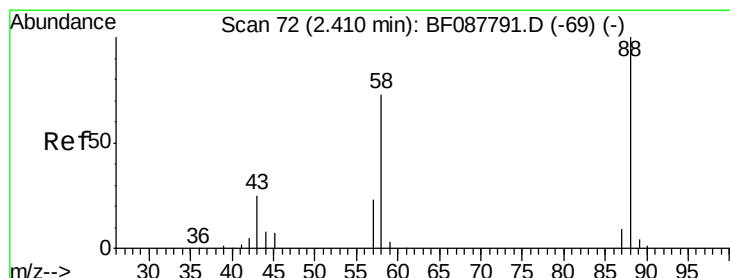
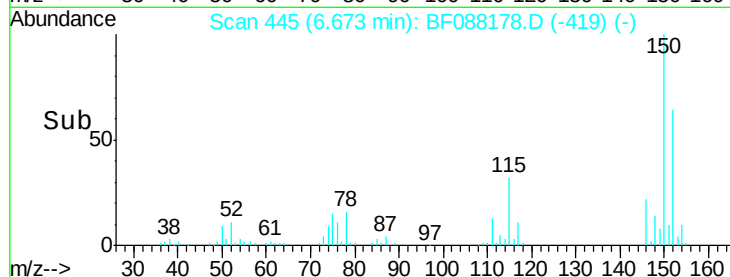
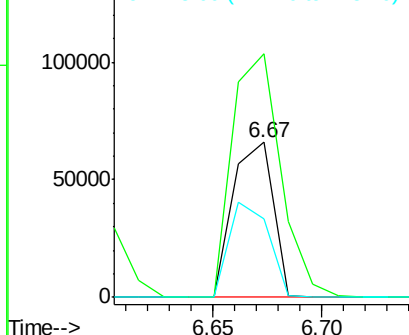
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion:152 Resp: 84633
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 50.4 39.6 59.4



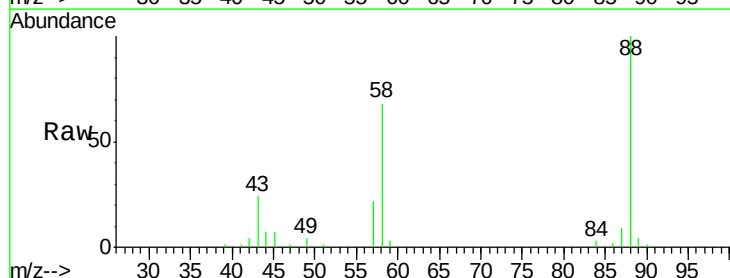
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



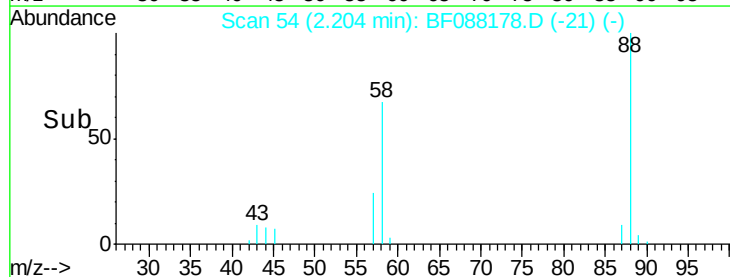
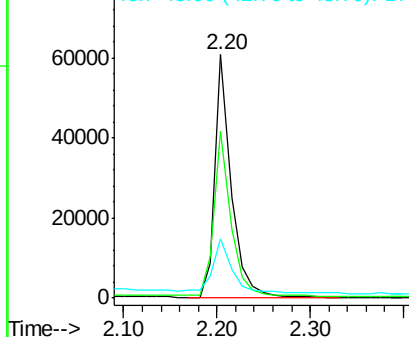
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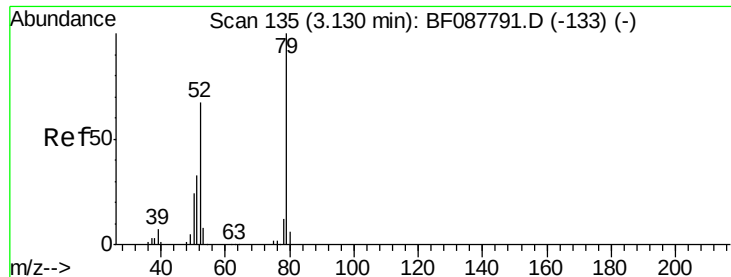
1,4-Dioxane
Concen: 31.05 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.08 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion: 88 Resp: 74696
Ion Ratio Lower Upper
88 100
58 70.5 0.0 0.0#
43 25.0 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: 36.46 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.07 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

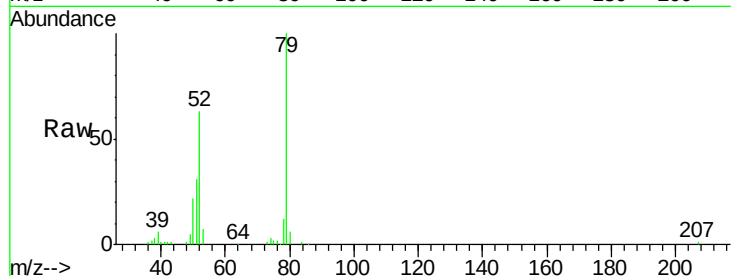
Tgt Ion: 79 Resp: 207095

Ion Ratio Lower Upper

79 100

52 63.1 56.3 84.5

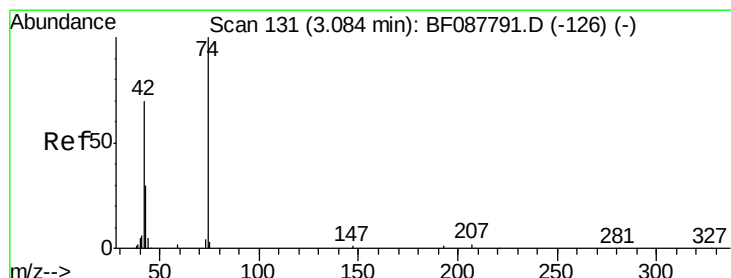
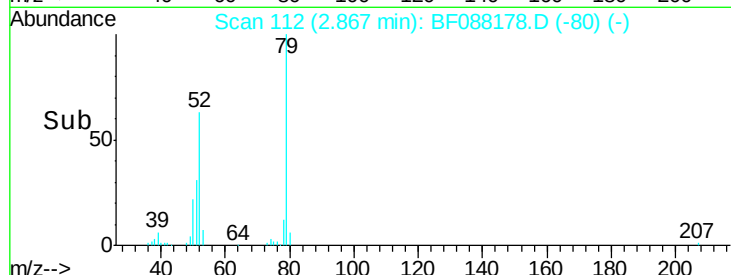
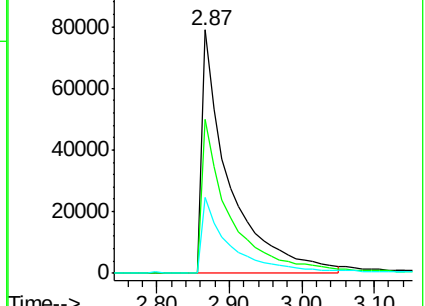
51 31.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.37 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

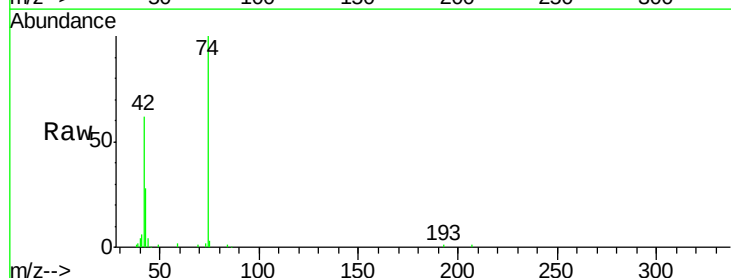
Tgt Ion: 42 Resp: 92292

Ion Ratio Lower Upper

42 100

74 161.1 108.6 163.0

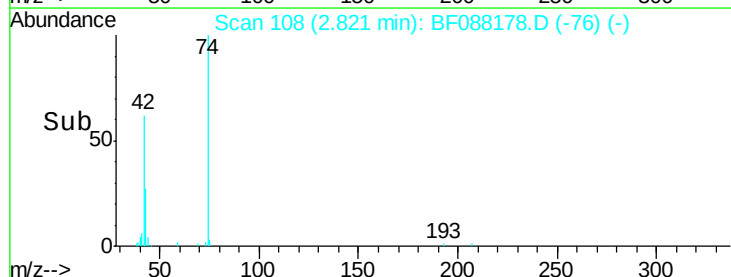
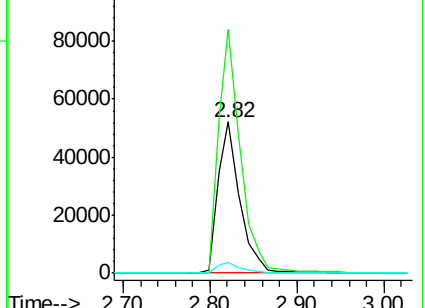
44 7.0 5.5 8.3

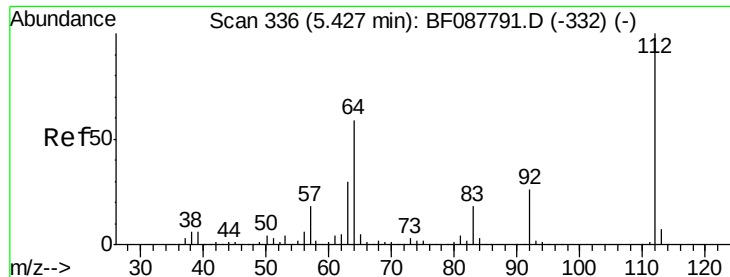


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.10 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

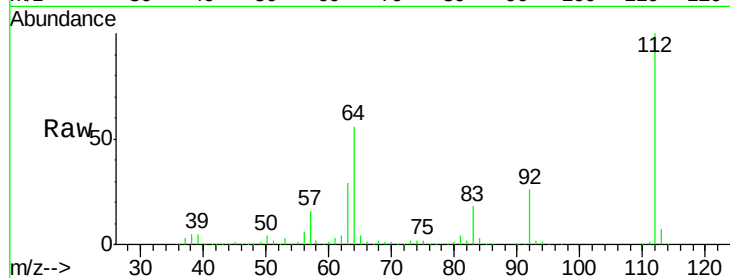
Tgt Ion: 112 Resp: 535165

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

63 28.8 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

600000

400000

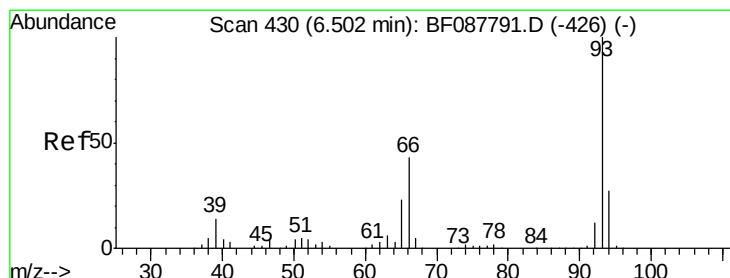
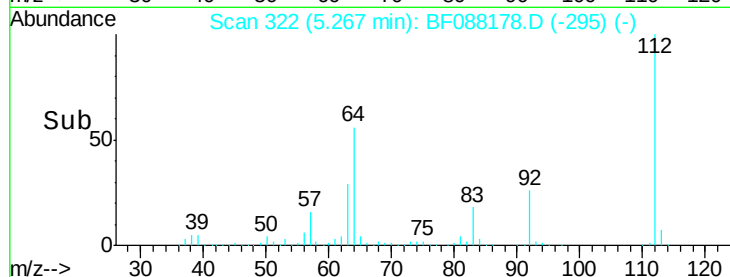
200000

0

5.27

5.20 5.30 5.40 5.50

Time-->



#6

Aniline

Concen: 19.73 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

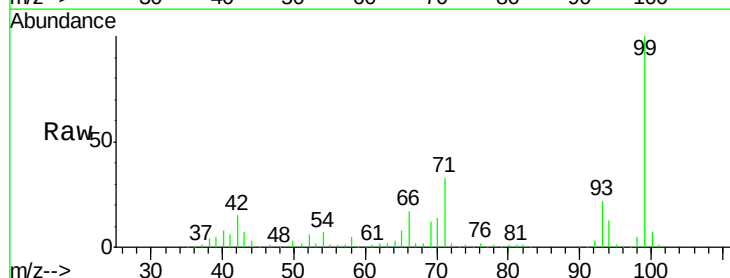
Tgt Ion: 93 Resp: 168450

Ion Ratio Lower Upper

93 100

66 75.9 29.8 44.8#

65 36.2 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

300000

250000

200000

150000

100000

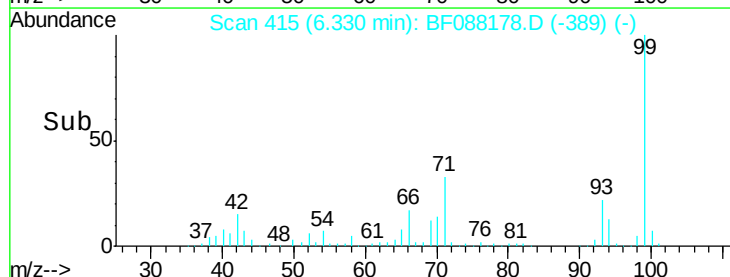
50000

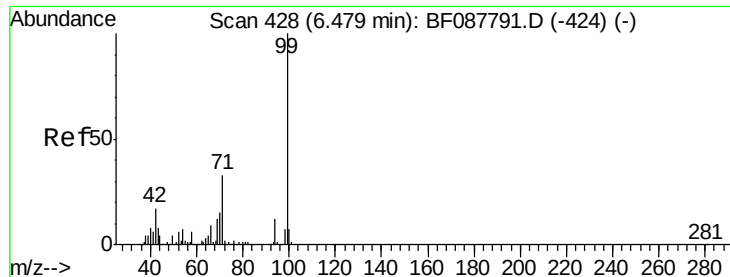
0

6.33

6.30 6.35 6.40

Time-->





#7

Phenol-d6

Concen: 116.92 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

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ClientSampleId :

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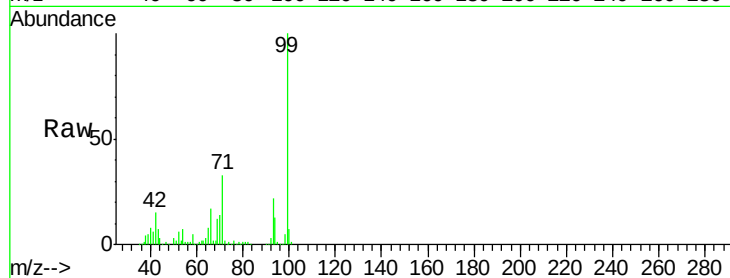
Tgt Ion: 99 Resp: 701470

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

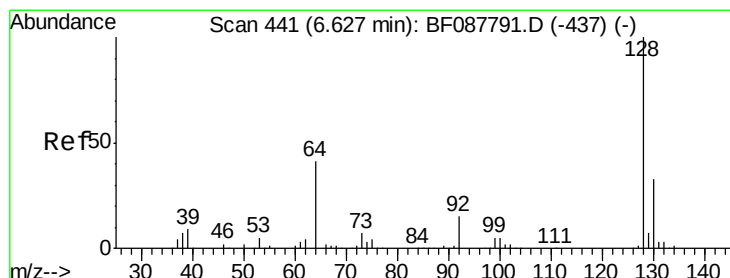
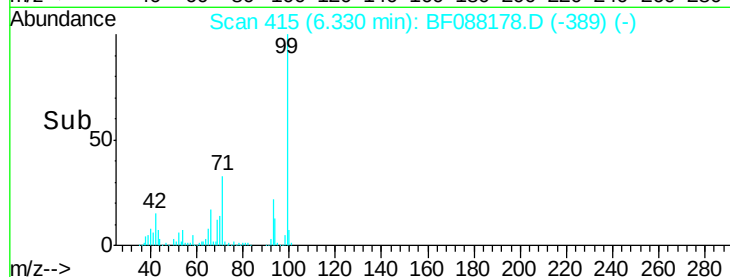
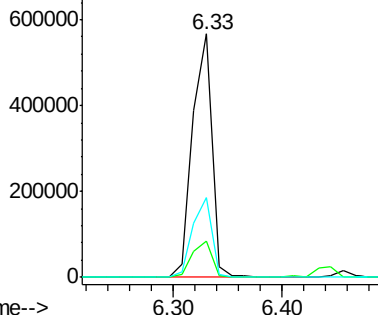
71 32.8 23.4 35.0



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: 43.53 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

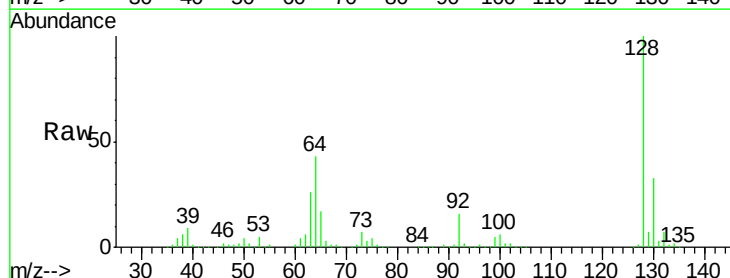
Tgt Ion: 128 Resp: 255061

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

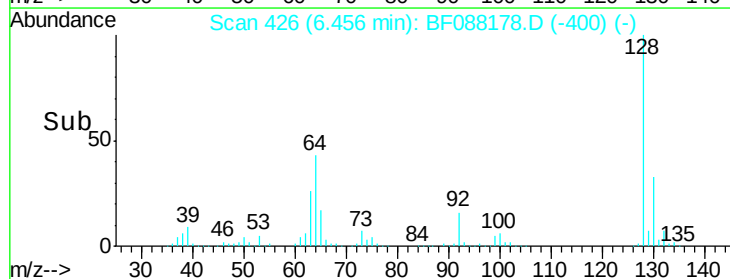
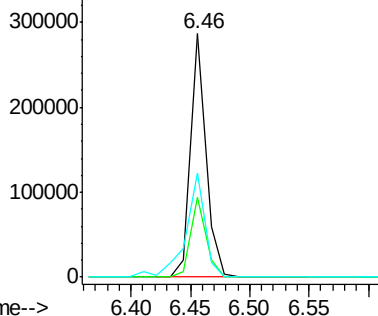
64 42.9 30.8 70.8

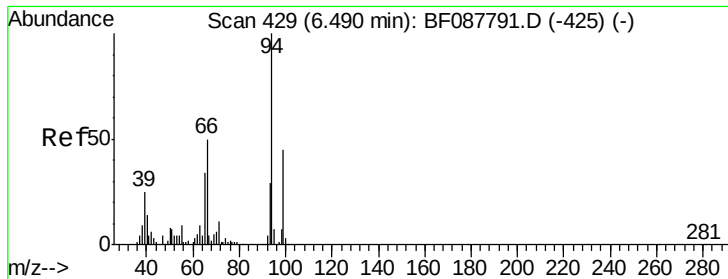


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 51.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

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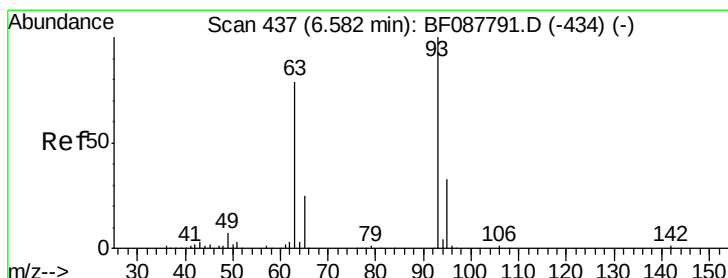
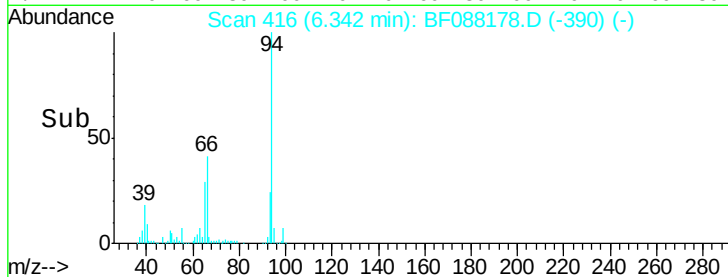
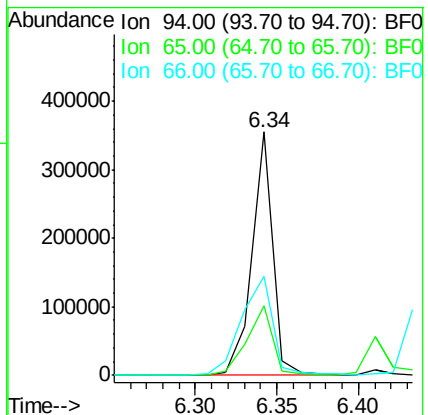
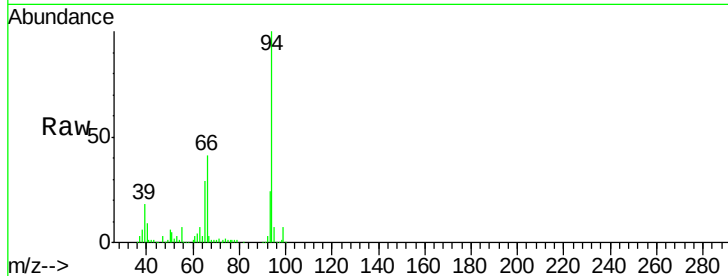
Tgt Ion: 94 Resp: 315771

Ion Ratio Lower Upper

94 100

65 28.5 5.9 45.9

66 40.6 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 41.37 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

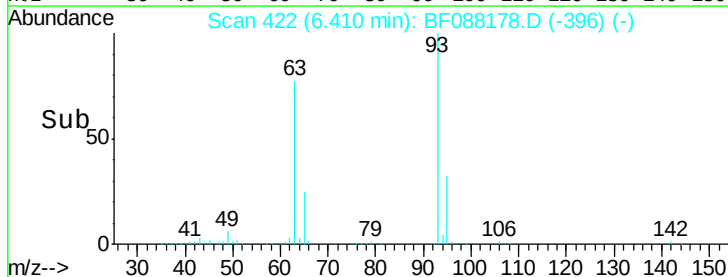
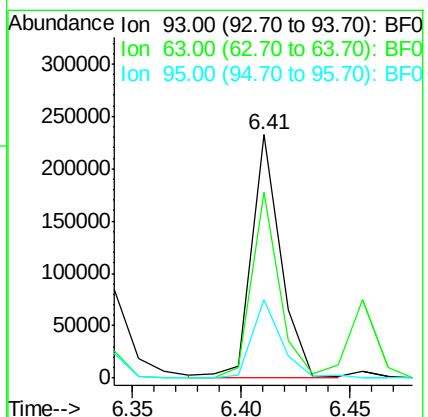
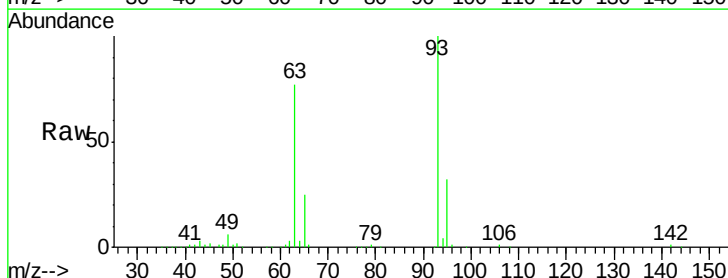
Tgt Ion: 93 Resp: 217659

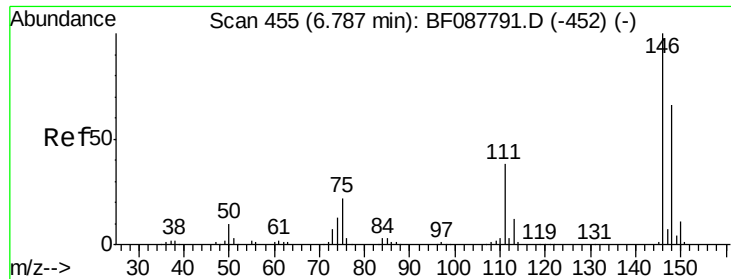
Ion Ratio Lower Upper

93 100

63 76.7 67.6 107.6

95 32.2 12.5 52.5

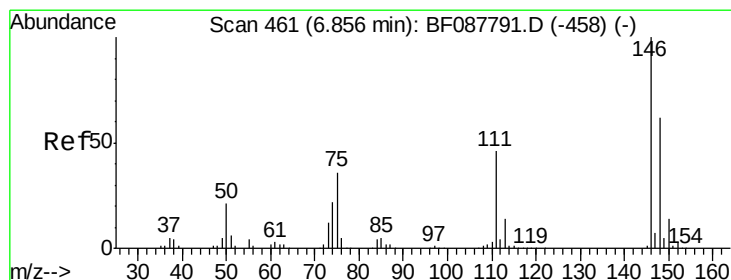
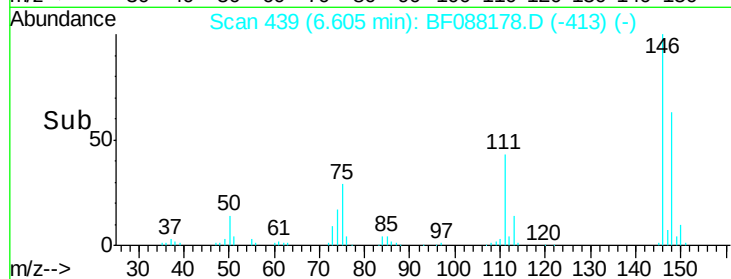
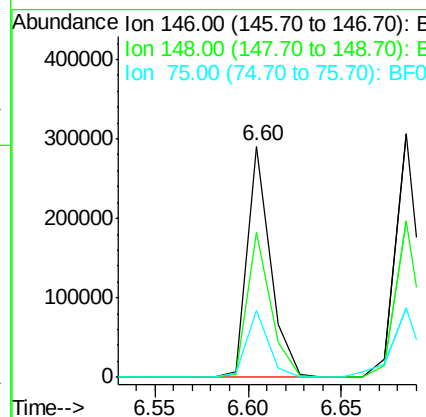
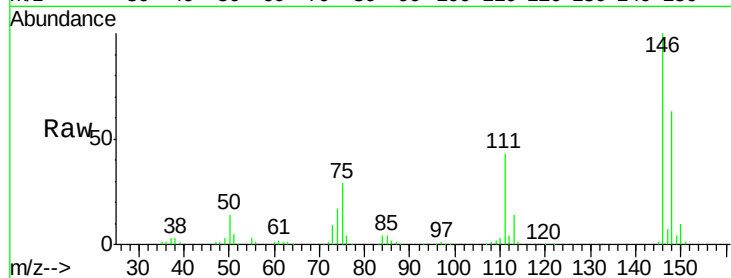




#12
 1,3-Dichlorobenzene
 Concen: 40.28 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

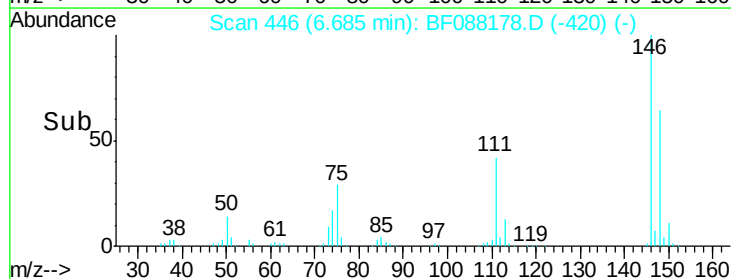
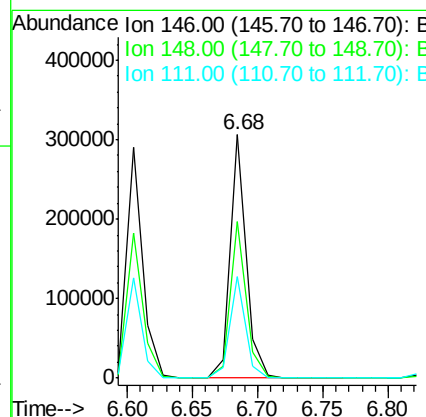
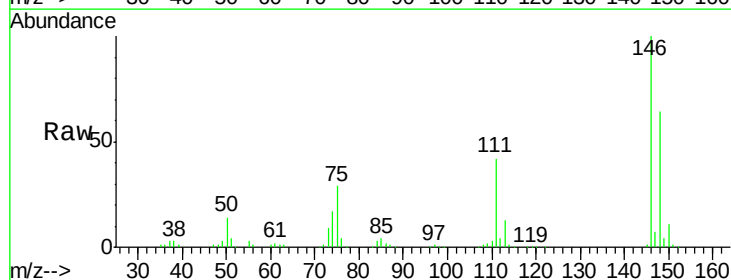
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

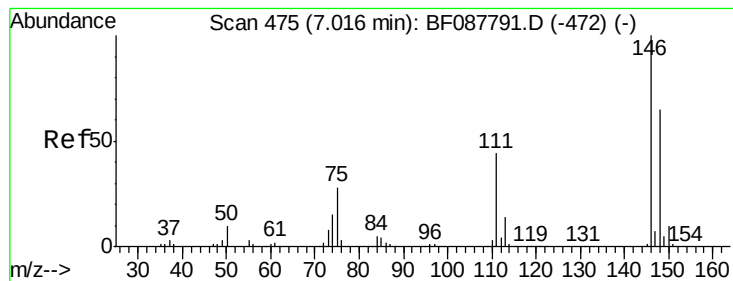
Tgt Ion:146 Resp: 253216
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.9 76.3
 75 29.0 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 41.48 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:146 Resp: 262714
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 41.9 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 45.61 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.16 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

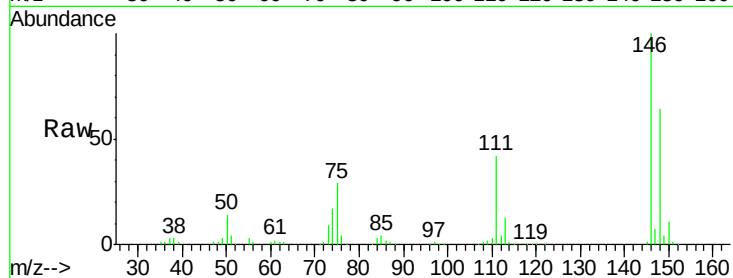
Tgt Ion:146 Resp: 262714

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

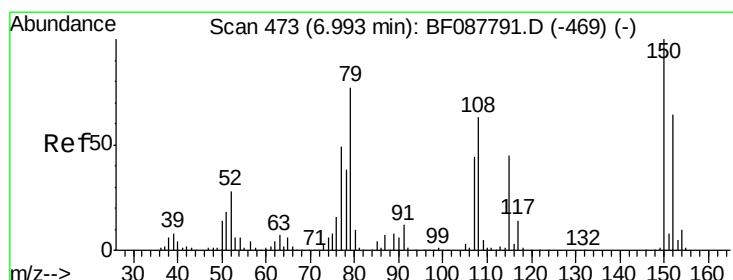
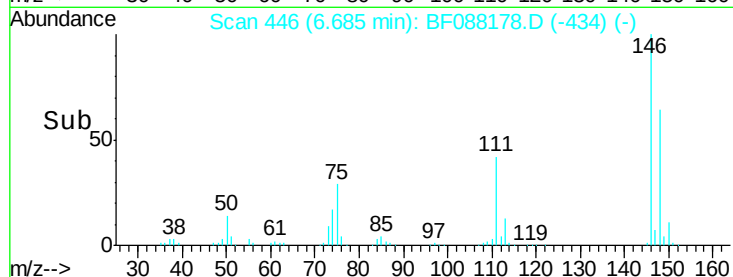
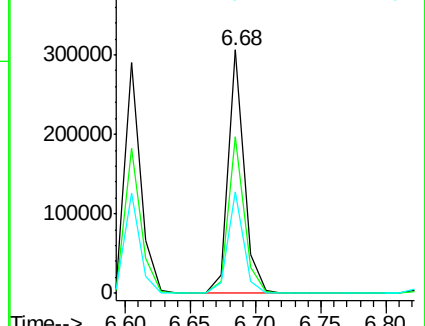
111 41.9 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 34.64 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

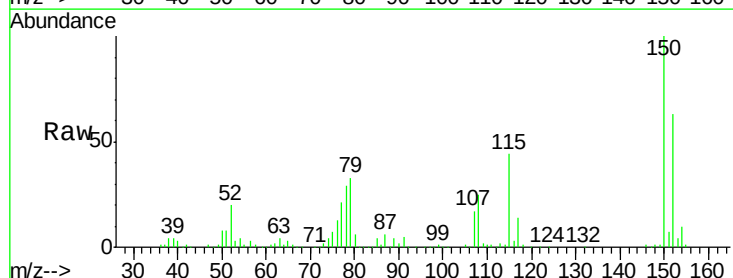
Tgt Ion: 79 Resp: 162608

Ion Ratio Lower Upper

79 100

108 77.6 65.0 97.6

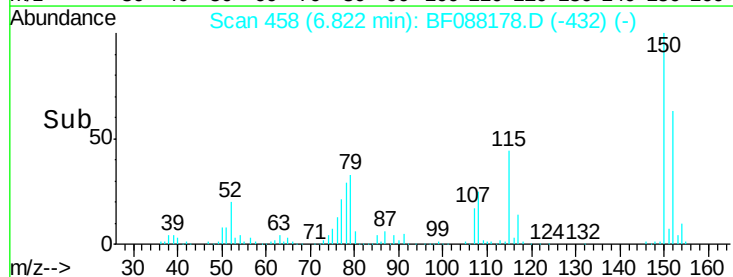
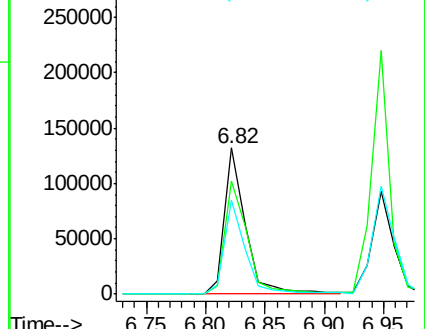
77 64.4 50.3 75.5

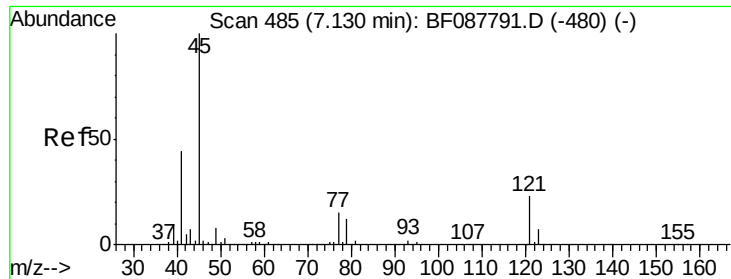


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

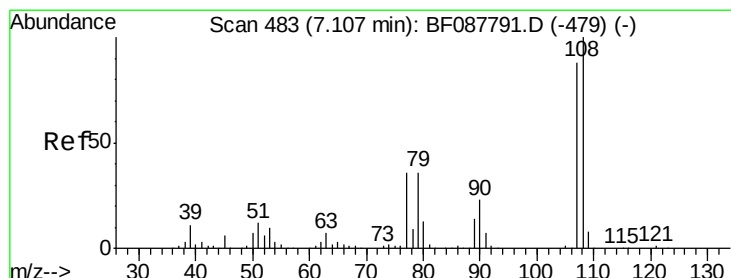
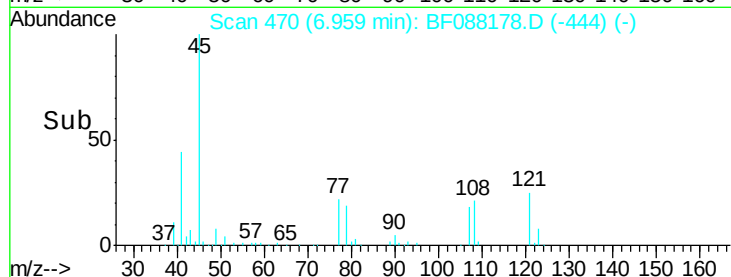
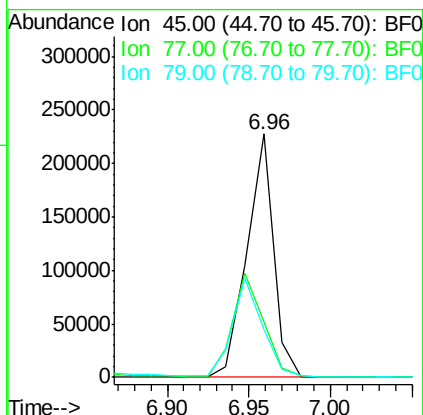
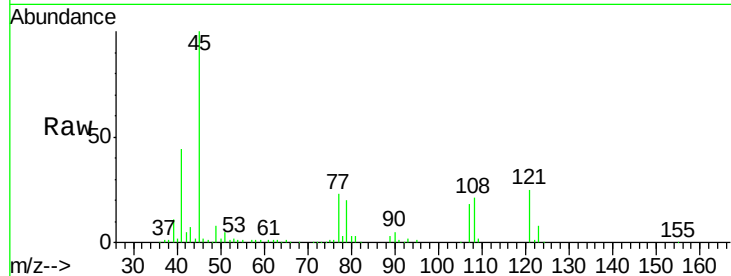




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.21 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

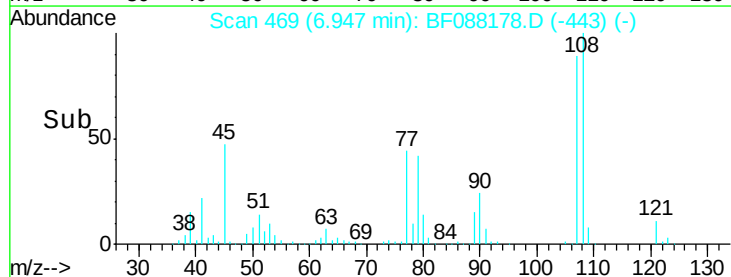
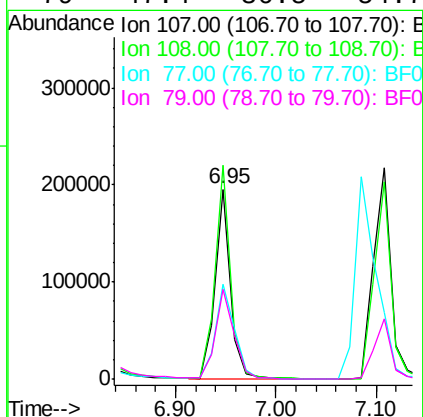
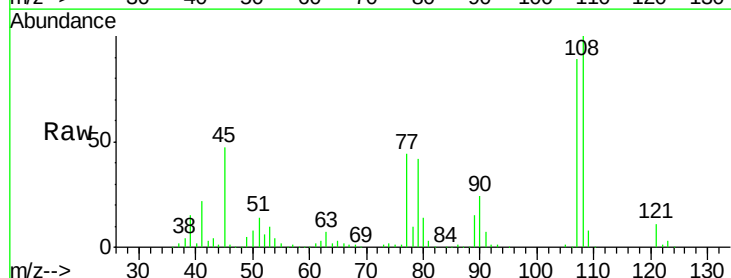
Instrument :
BNA_F
ClientSampleId :
PB91291BS

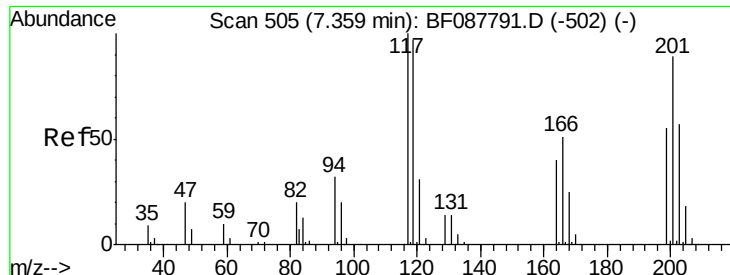
Tgt Ion: 45 Resp: 257360
Ion Ratio Lower Upper
45 100
77 22.8 0.0 32.5
79 19.5 0.0 29.5



#17
2-Methylphenol
Concen: 43.91 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion: 107 Resp: 208661
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 50.0 36.6 55.0
79 47.4 36.5 54.7

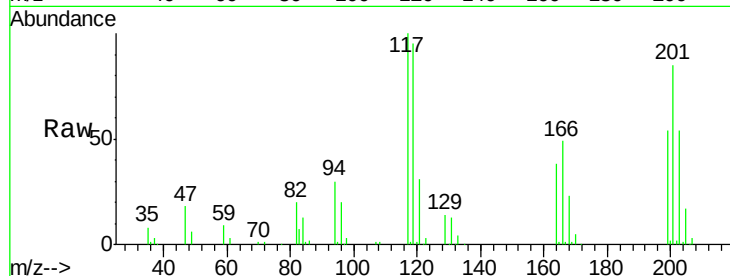




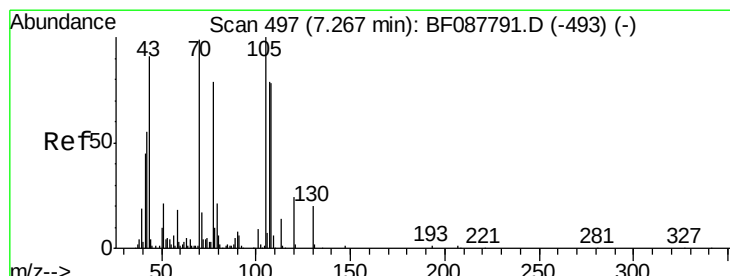
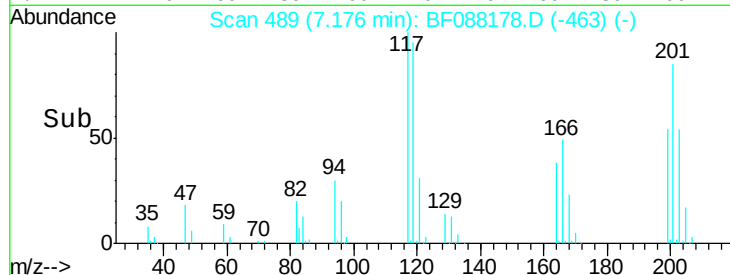
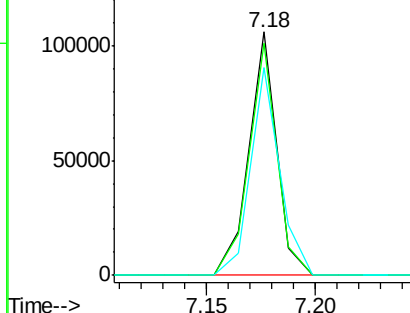
#18
Hexachloroethane
Concen: 41.92 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion: 117 Resp: 94216
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2
201 85.2 80.4 120.6

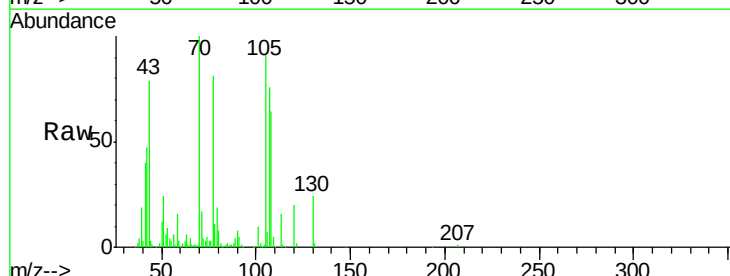


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

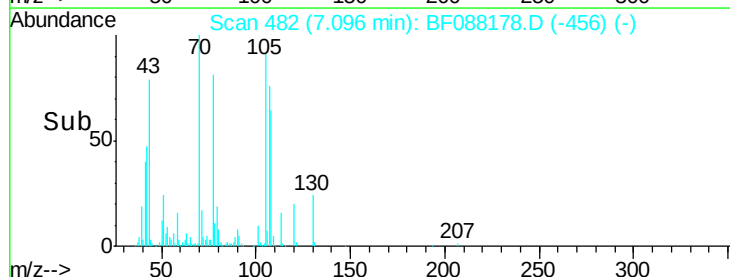
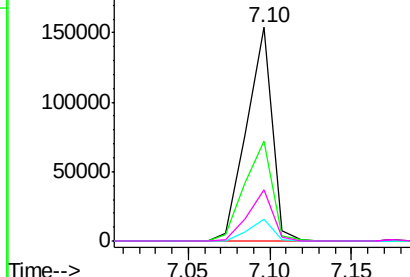


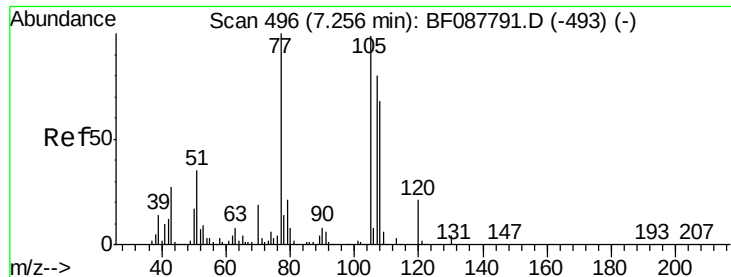
#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion: 70 Resp: 166718
Ion Ratio Lower Upper
70 100
42 46.6 49.6 74.4#
101 10.2 7.1 10.7
130 24.0 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

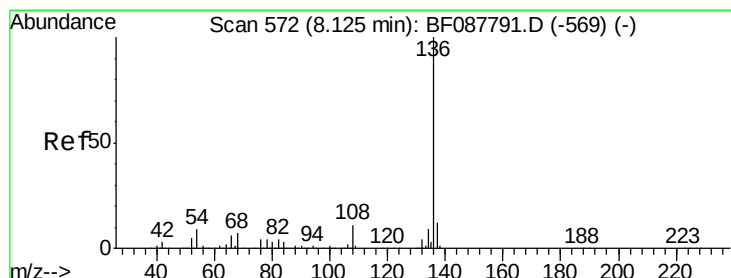
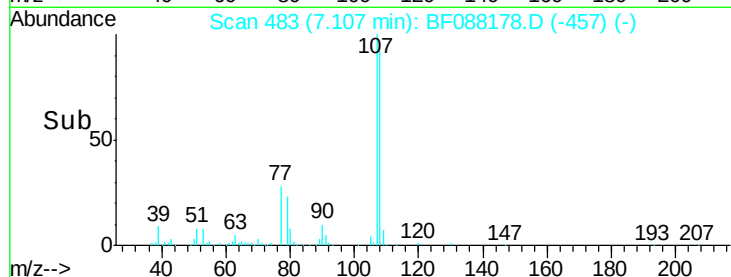
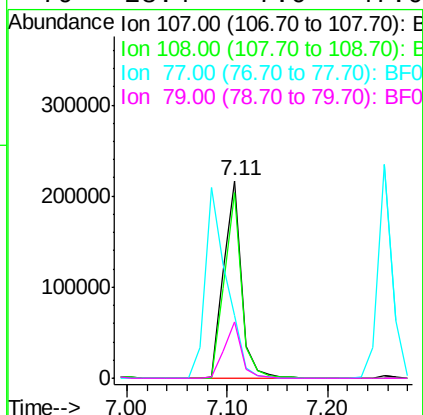
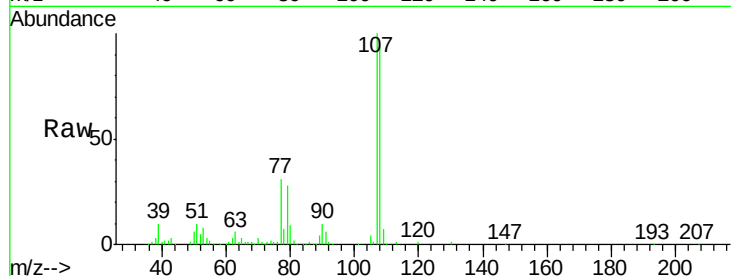




#20
 3+4-Methylphenols
 Concen: 48.01 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

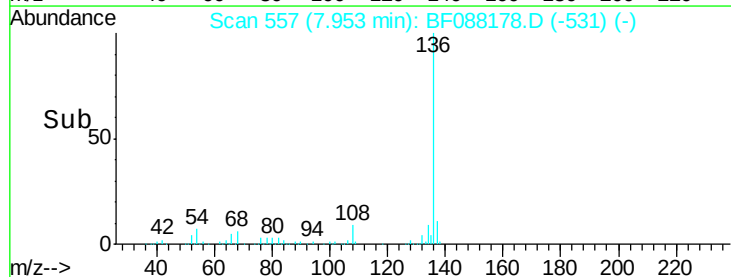
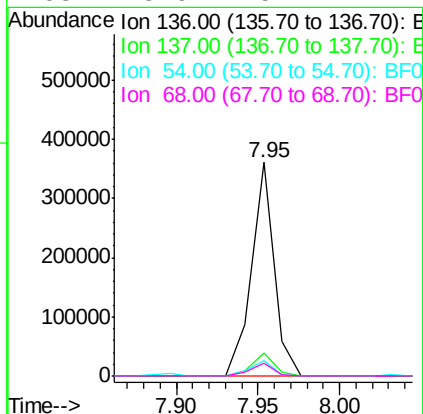
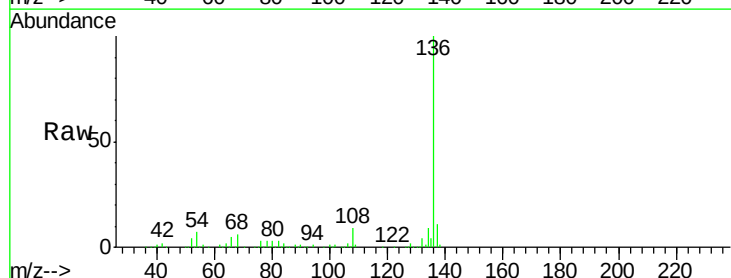
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

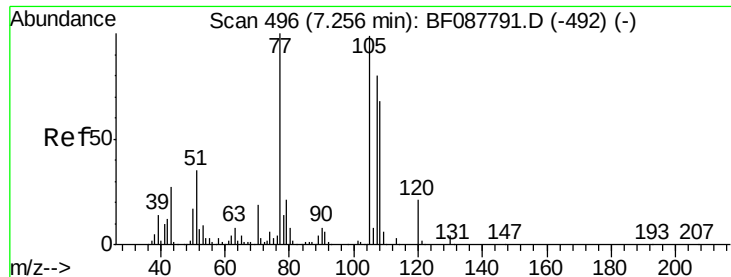
Tgt Ion:	107	Resp:	266191
Ion	Ratio	Lower	Upper
107	100		
108	93.8	67.8	107.8
77	31.5	59.3	99.3#
79	28.4	7.0	47.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:	136	Resp:	347662
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.6	10.0
68	5.9	5.1	7.7





#22

Acetophenone

Concen: 41.69 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tgt Ion: 105 Resp: 323872

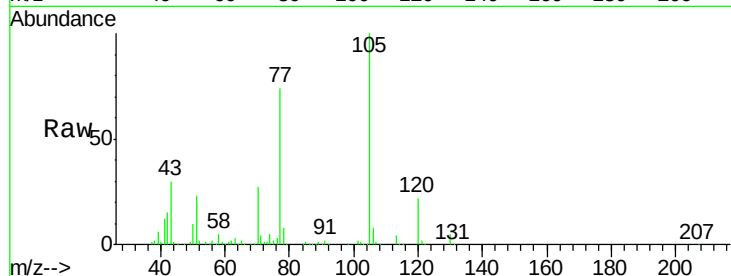
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 23.0 18.2 27.4

120 21.8 18.0 27.0

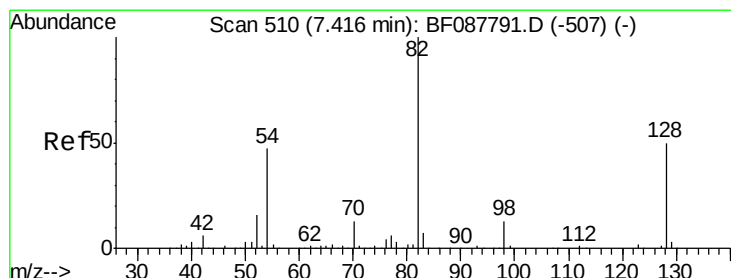
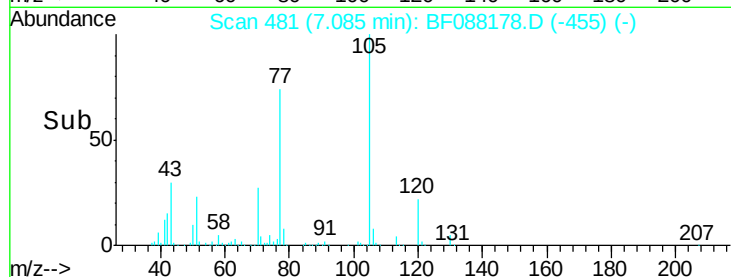
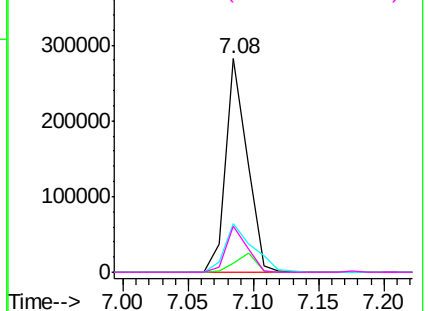


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.09 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

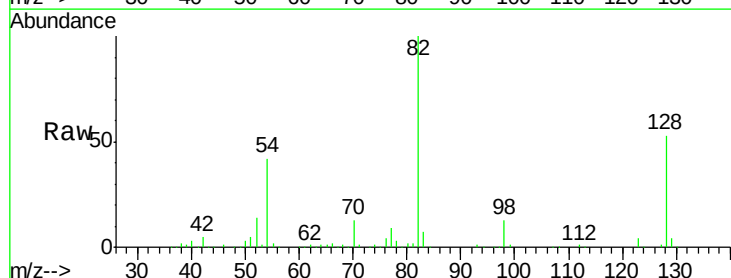
Tgt Ion: 82 Resp: 470854

Ion Ratio Lower Upper

82 100

128 52.5 35.9 53.9

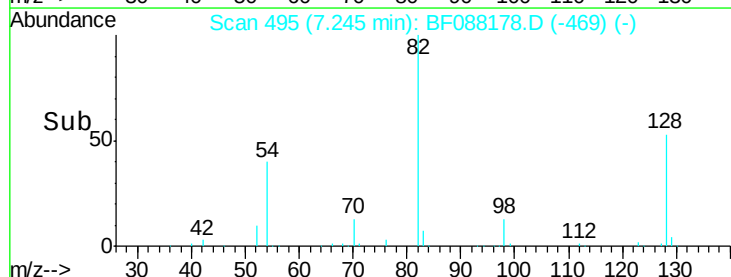
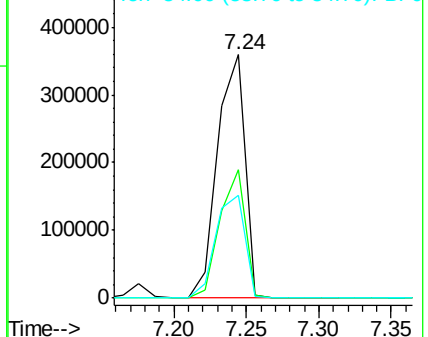
54 42.3 40.9 61.3

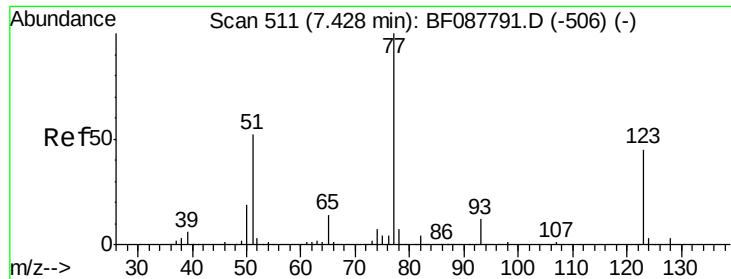


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 40.31 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

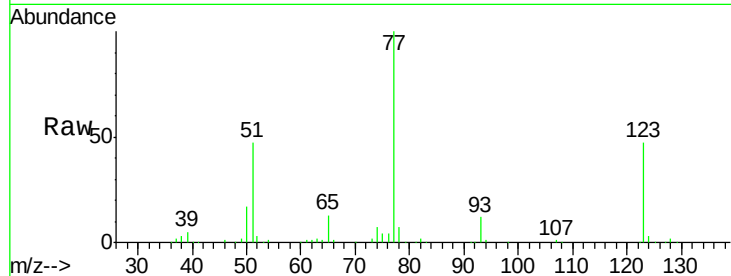
Tgt Ion: 77 Resp: 232453

Ion Ratio Lower Upper

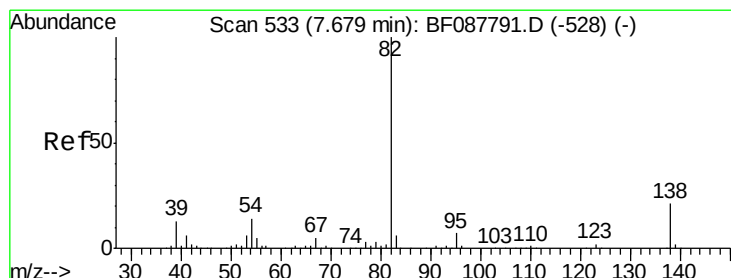
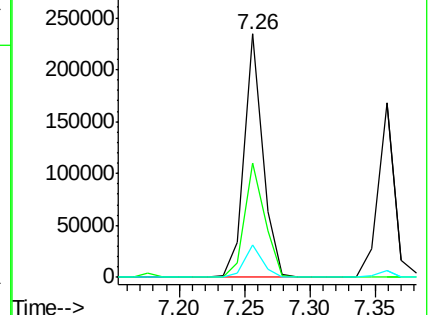
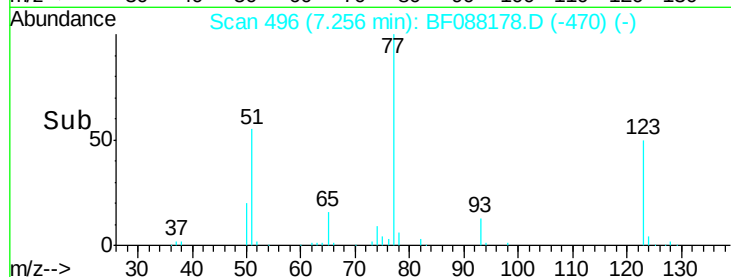
77 100

123 47.0 45.0 67.4

65 13.2 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 40.76 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

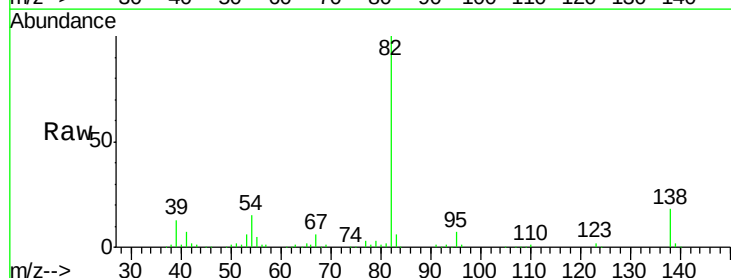
Tgt Ion: 82 Resp: 449506

Ion Ratio Lower Upper

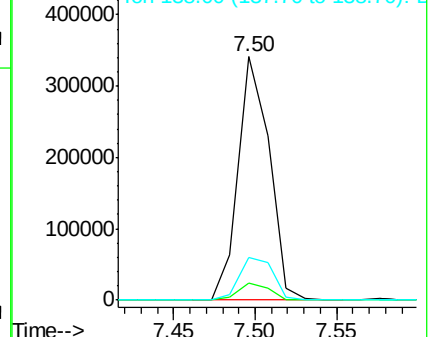
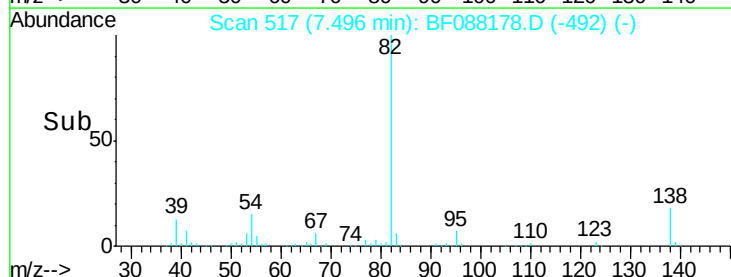
82 100

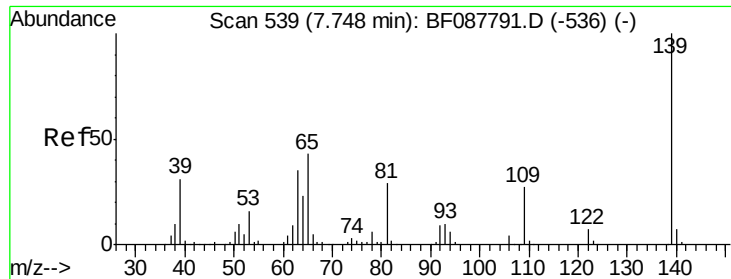
95 6.9 5.4 8.2

138 17.7 14.6 21.8



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

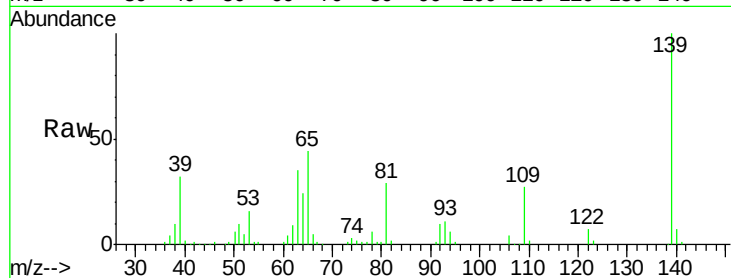




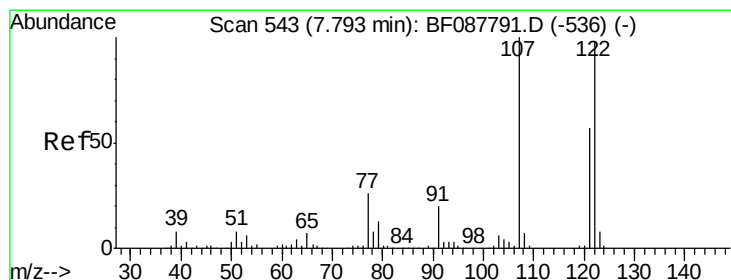
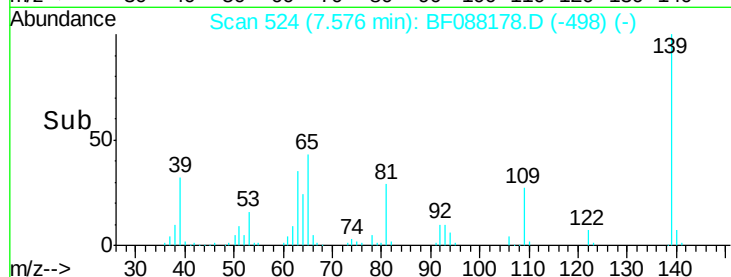
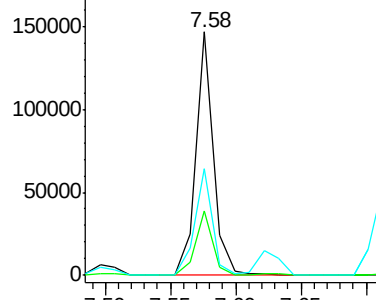
#26
 2-Nitrophenol
 Concen: 44.57 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tgt Ion:139 Resp: 137690
 Ion Ratio Lower Upper
 139 100
 109 26.7 23.0 34.4
 65 43.6 45.8 68.8#

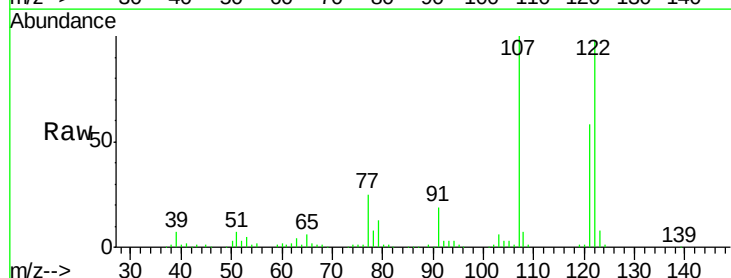


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

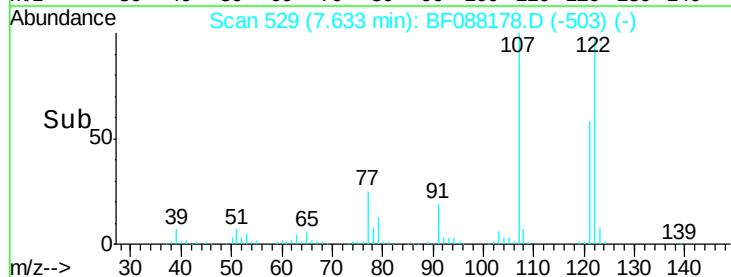
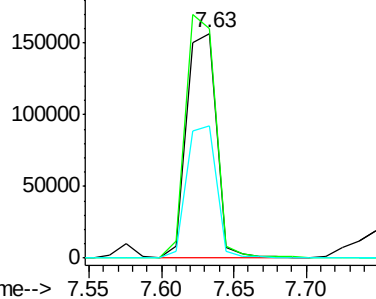


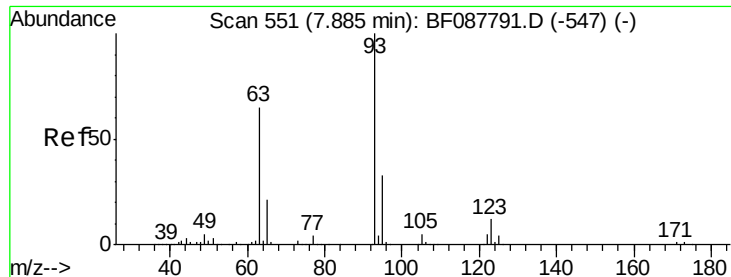
#27
 2,4-Dimethylphenol
 Concen: 39.75 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:122 Resp: 226092
 Ion Ratio Lower Upper
 122 100
 107 102.1 82.4 123.6
 121 59.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

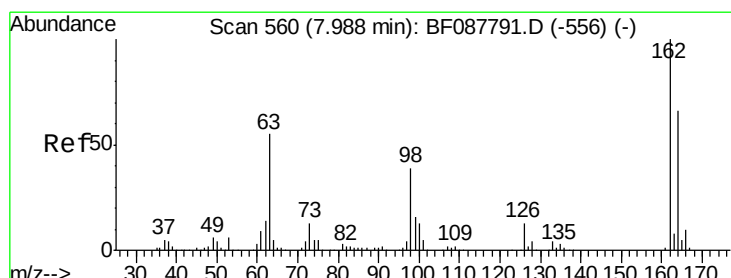
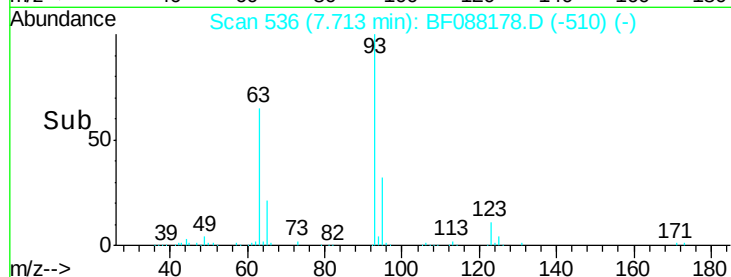
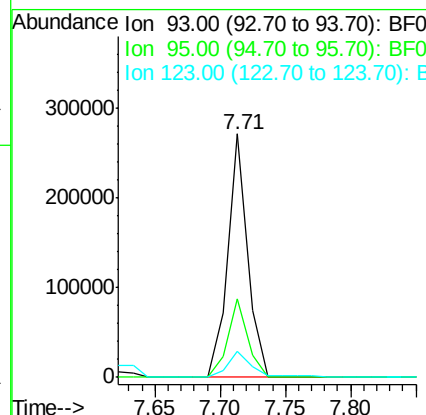
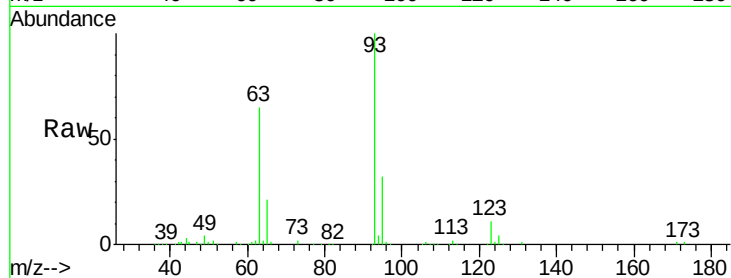




#28
 bis(2-Chloroethoxy)methane
 Concen: 42.06 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

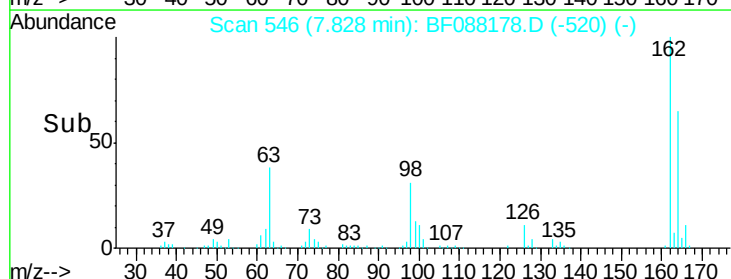
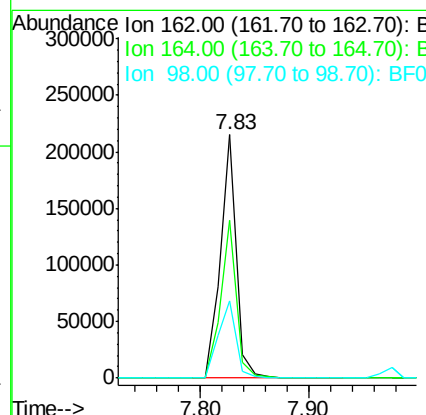
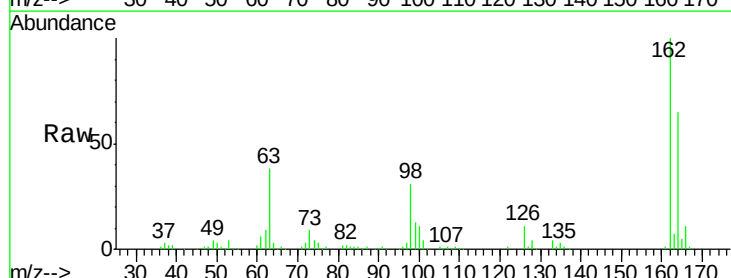
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

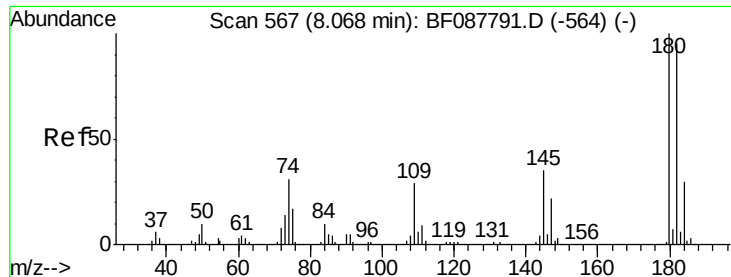
Tgt Ion: 93 Resp: 287694
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 10.8 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 46.82 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion: 162 Resp: 222346
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.8 83.8
 98 31.5 21.3 61.3

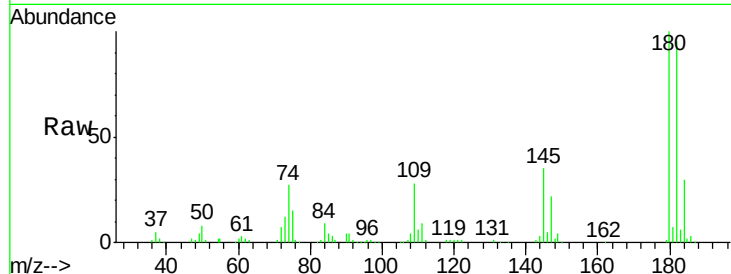




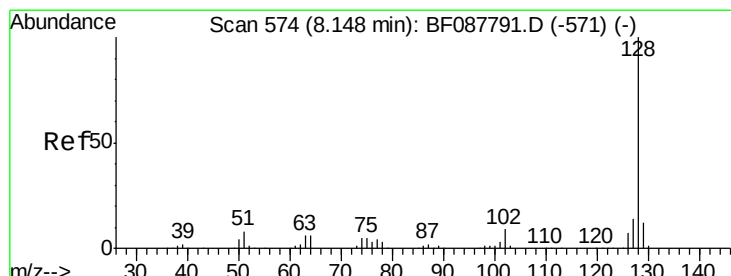
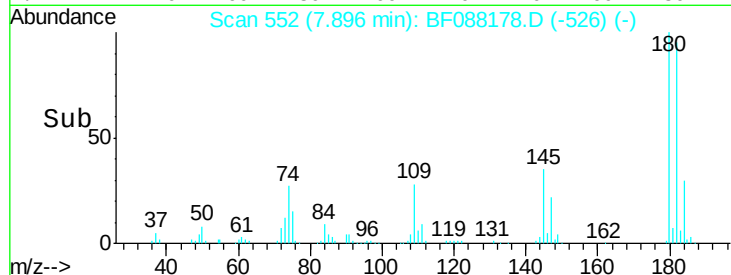
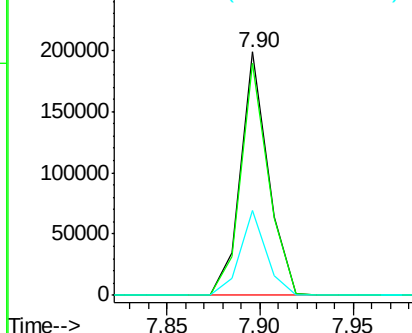
#30
 1,2,4-Trichlorobenzene
 Concen: 39.51 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tgt Ion:180 Resp: 204342
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 34.7 26.5 39.7

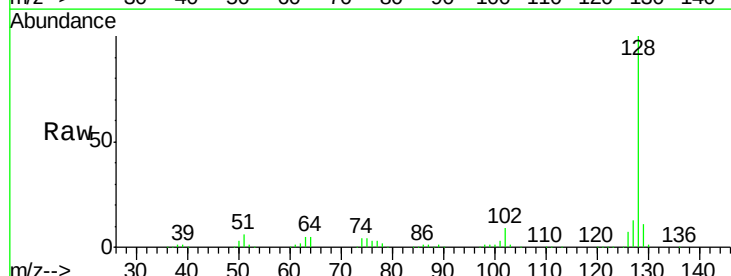


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

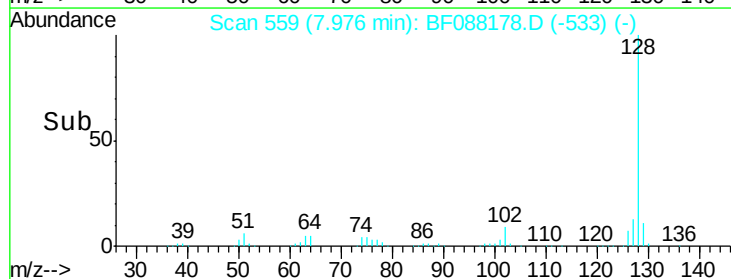
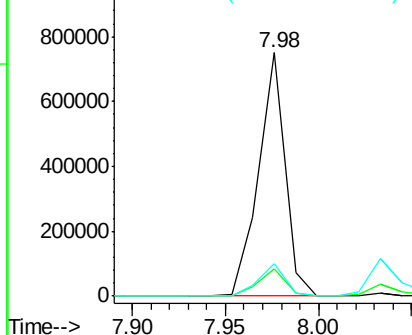


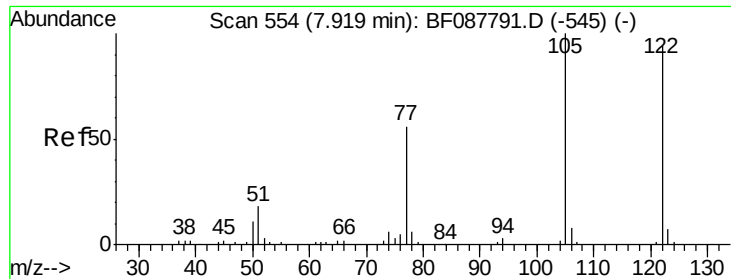
#31
 Naphthalene
 Concen: 42.90 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:128 Resp: 738131
 Ion Ratio Lower Upper
 128 100
 129 11.1 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

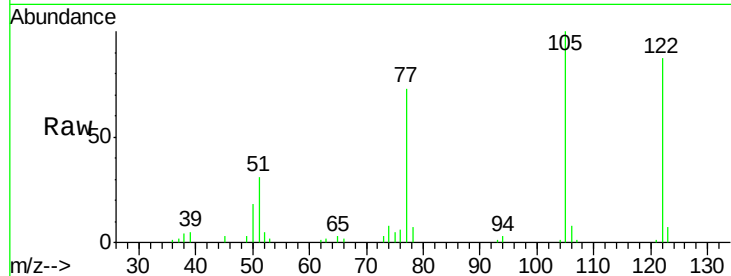




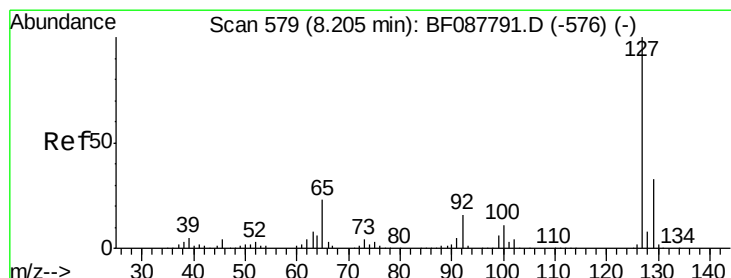
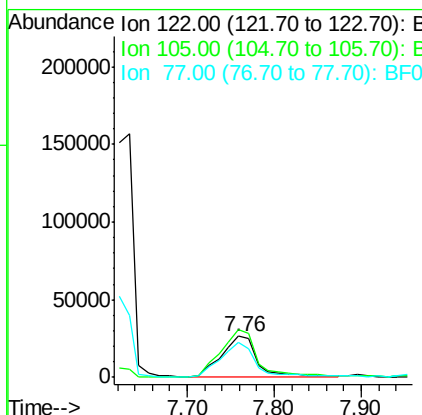
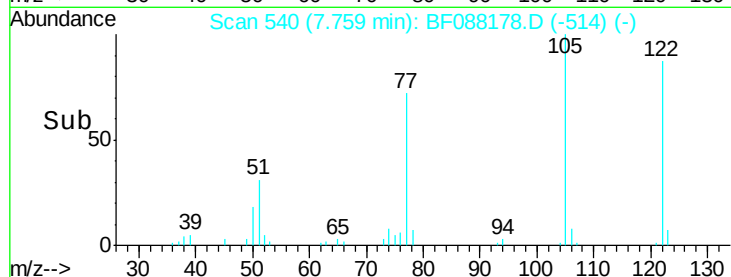
#32
Benzoic acid
Concen: 23.35 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion:122 Resp: 73133
Ion Ratio Lower Upper
122 100
105 115.2 101.6 141.6
77 84.6 70.6 110.6

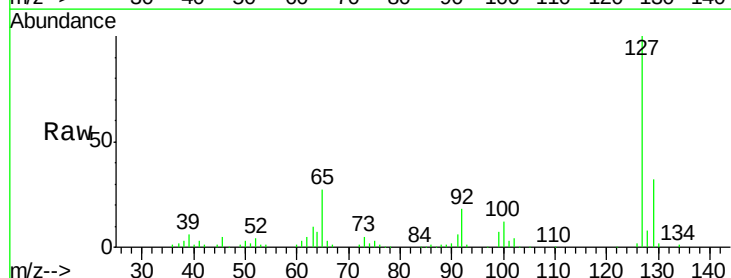


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

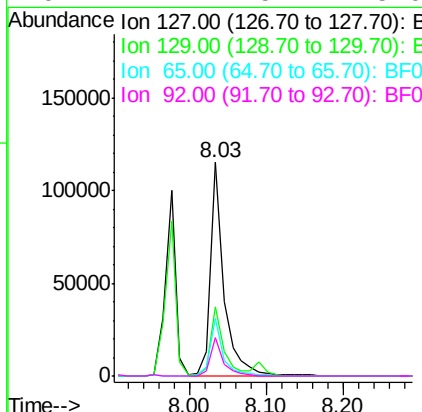
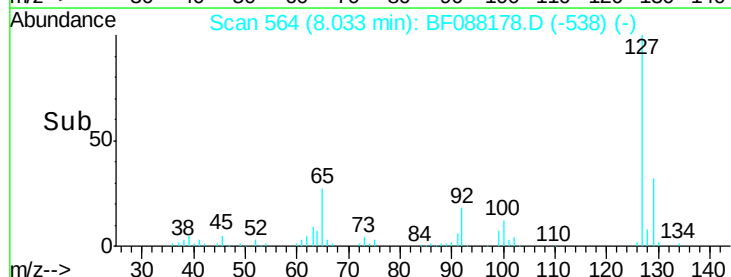


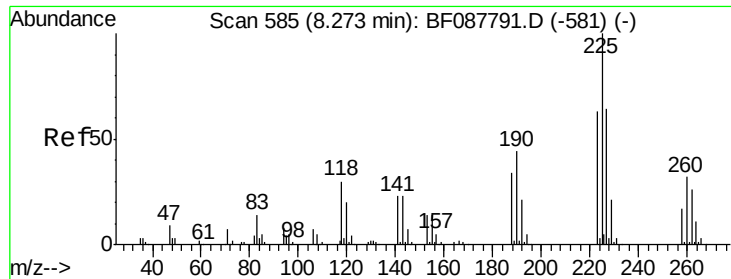
#33
4-Chloroaniline
Concen: 18.25 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion:127 Resp: 140241
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 27.2 24.7 37.1
92 17.7 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

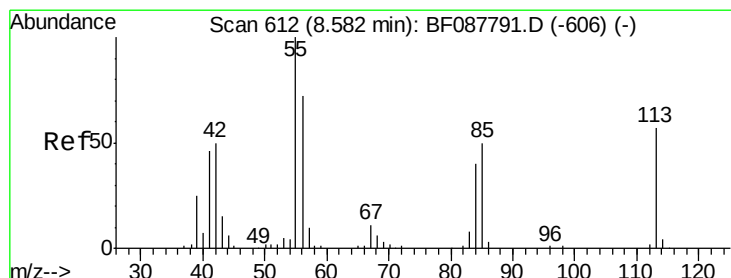
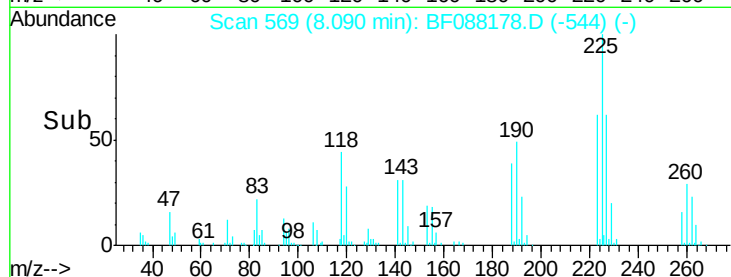
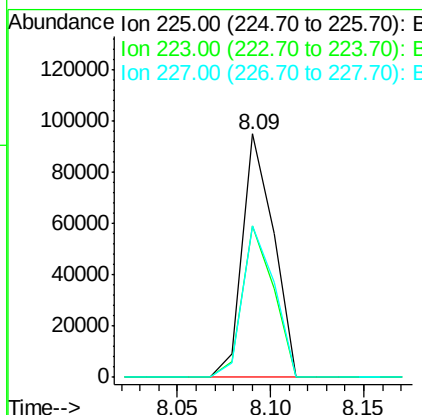
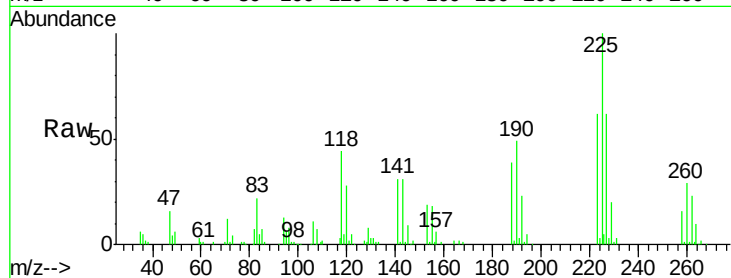




#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

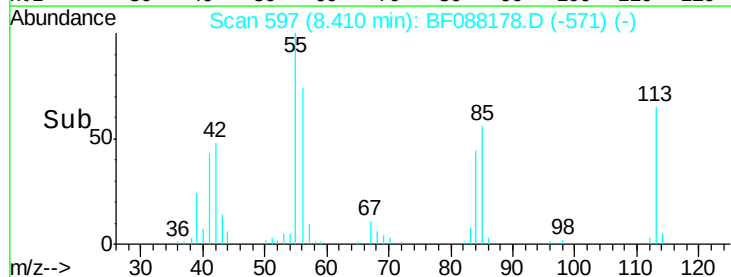
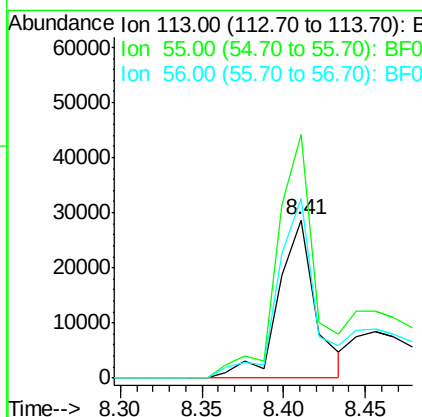
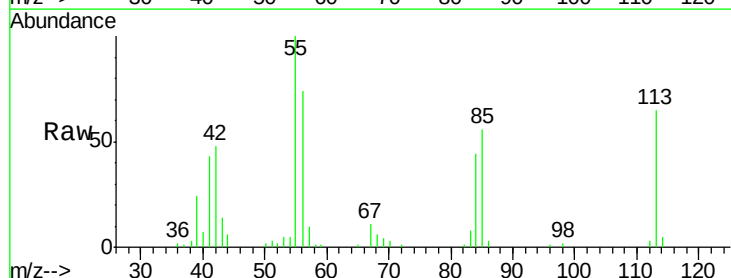
Instrument :
BNA_F
ClientSampleId :
PB91291BS

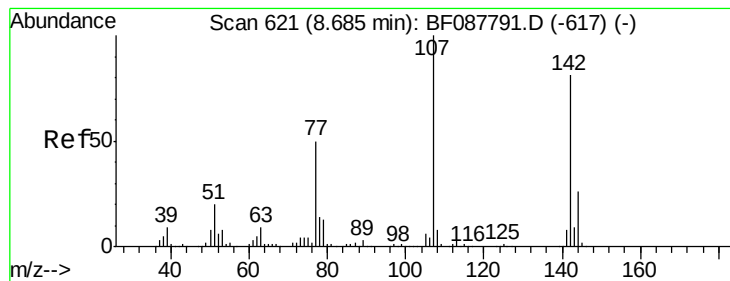
Tgt Ion:225 Resp: 110112
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 62.4 51.9 77.9



#35
Caprolactam
Concen: 28.58 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion:113 Resp: 44966
Ion Ratio Lower Upper
113 100
55 153.8 158.6 198.6#
56 113.7 110.6 150.6





#36

4-Chloro-3-methylphenol

Concen: 45.76 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

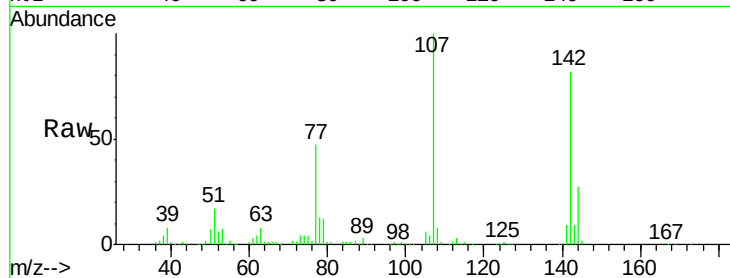
Tgt Ion:107 Resp: 232438

Ion Ratio Lower Upper

107 100

144 27.0 20.8 31.2

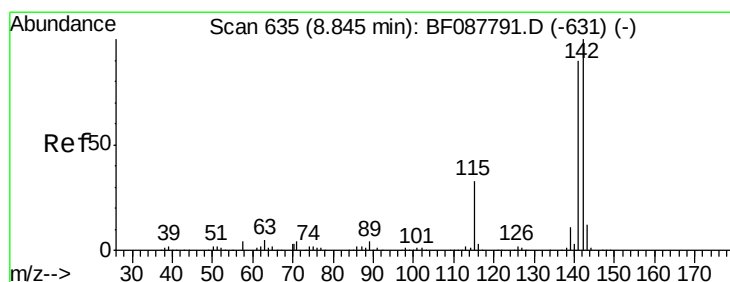
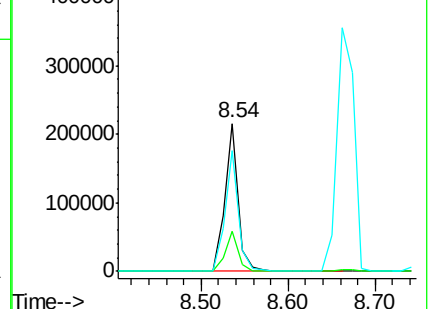
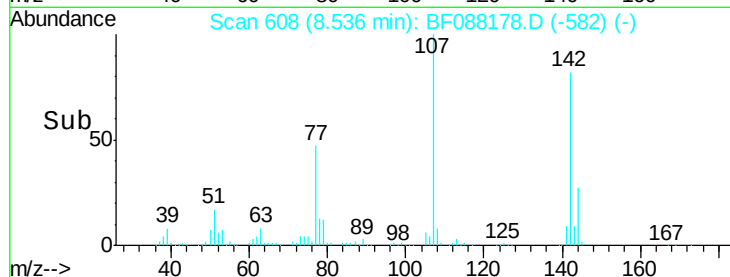
142 81.7 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 42.52 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

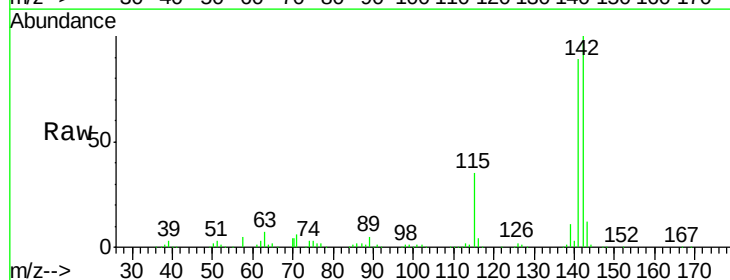
Tgt Ion:142 Resp: 482121

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

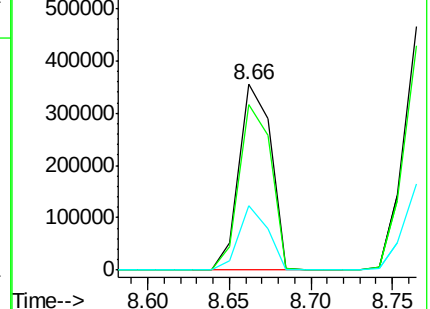
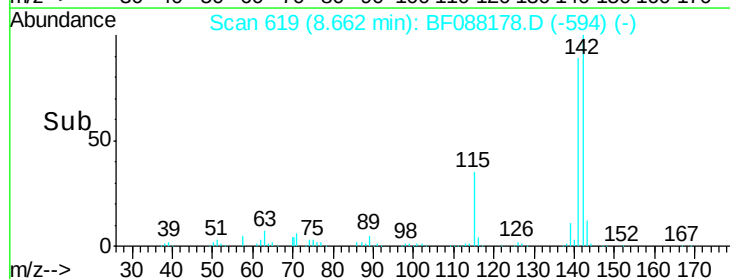
115 34.5 22.6 33.8#

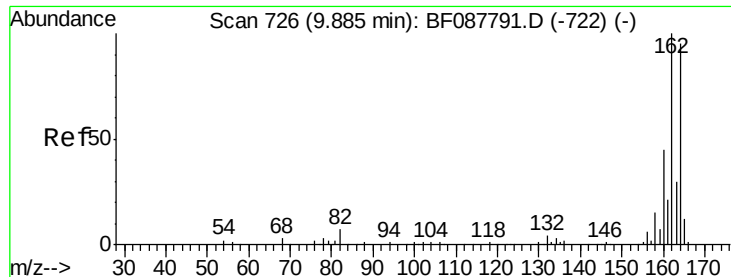


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

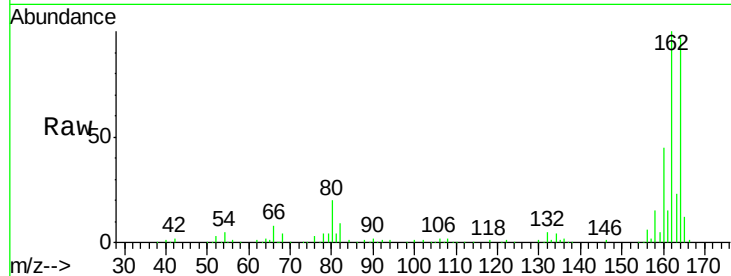
Tgt Ion:164 Resp: 170147

Ion Ratio Lower Upper

164 100

162 103.1 85.4 128.2

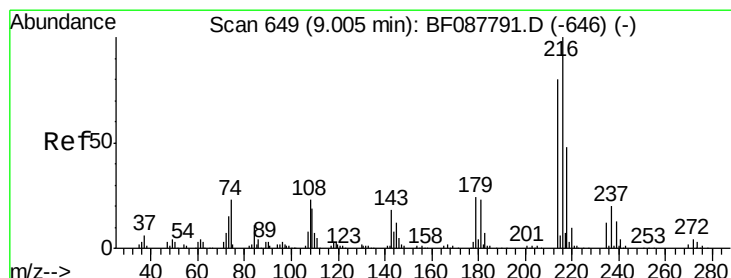
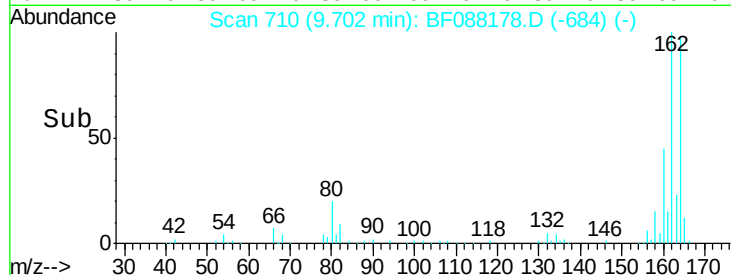
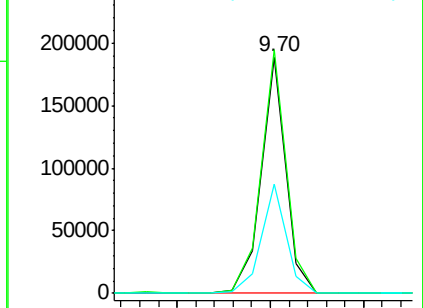
160 46.1 39.5 59.3



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: 45.59 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:216 Resp: 200988

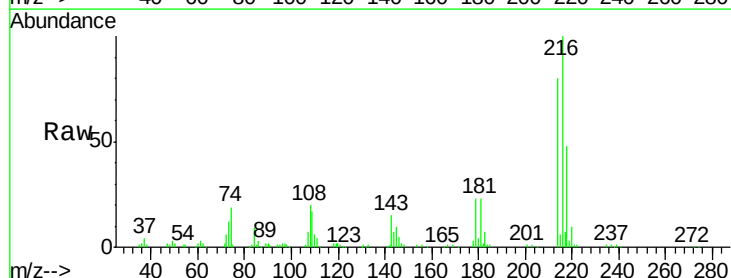
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.7 0.0 0.0#

108 22.1 0.5 0.7#

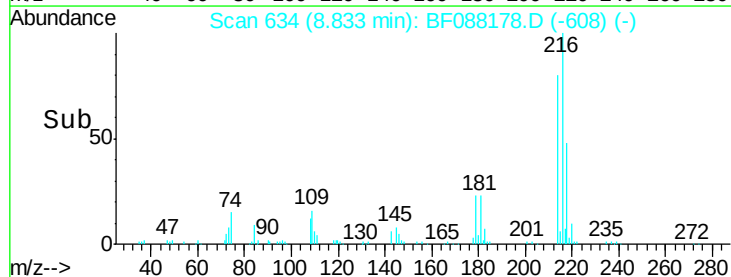
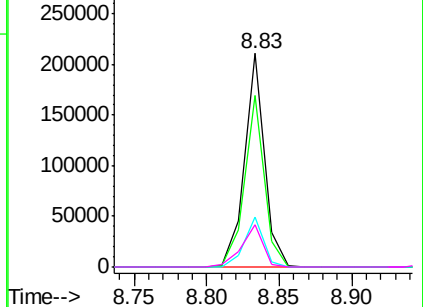


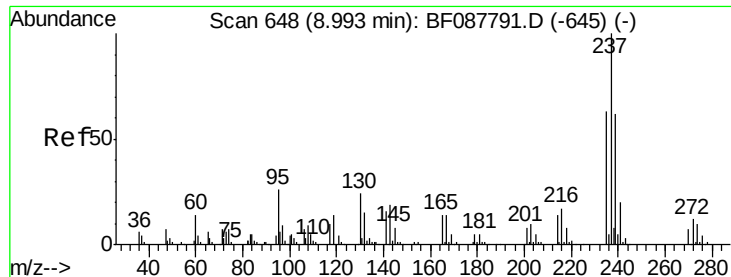
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.83 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

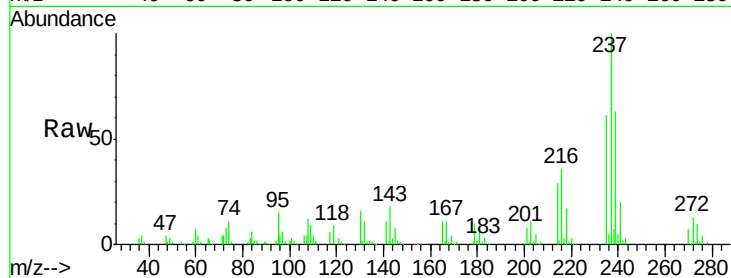
Tgt Ion:237 Resp: 114797

Ion Ratio Lower Upper

237 100

235 61.4 43.4 83.4

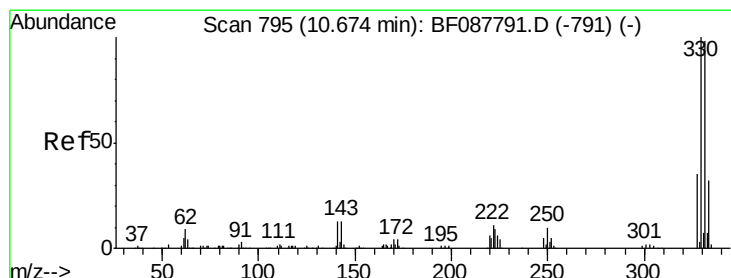
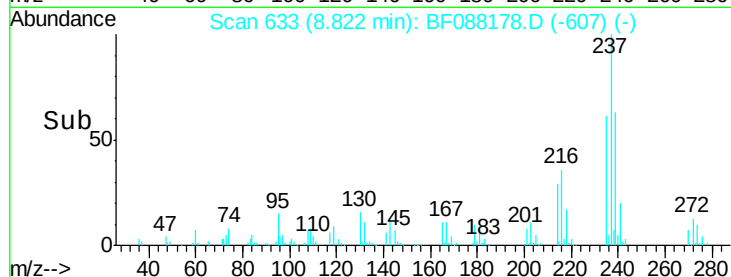
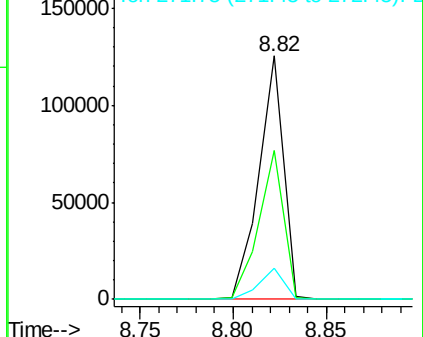
272 12.9 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 93.20 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

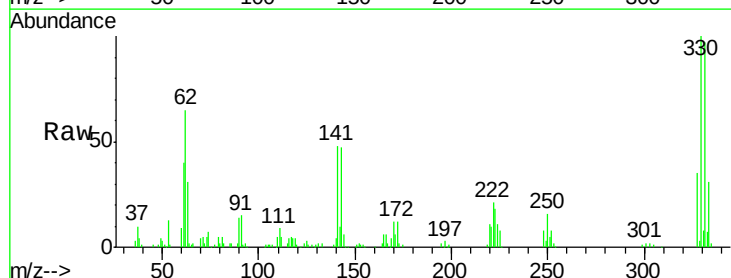
Tgt Ion:330 Resp: 167437

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

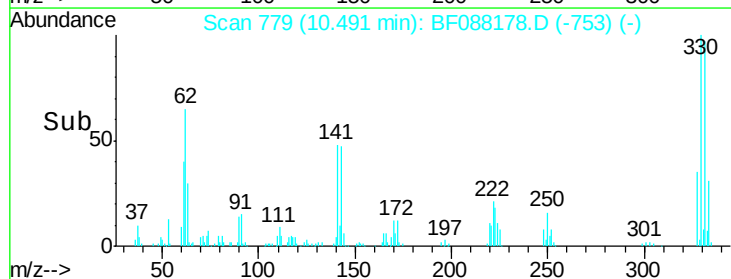
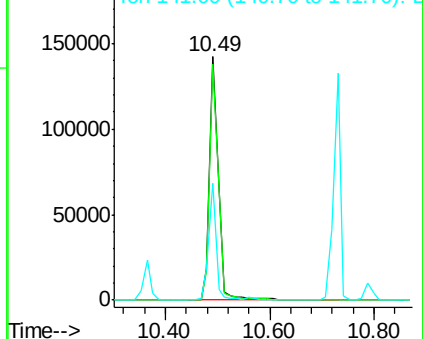
141 39.9 0.0 0.0#

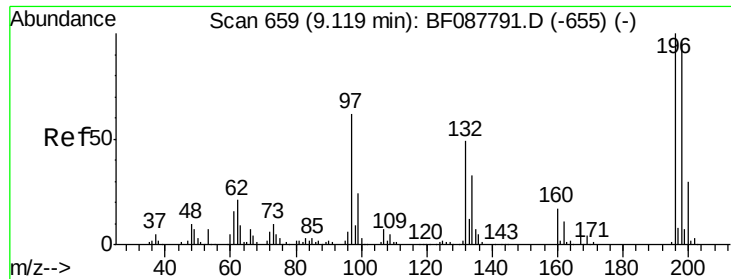


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

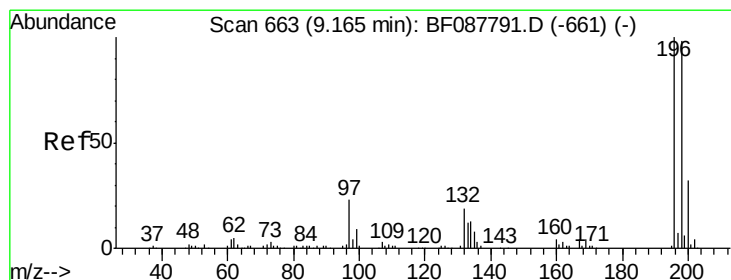
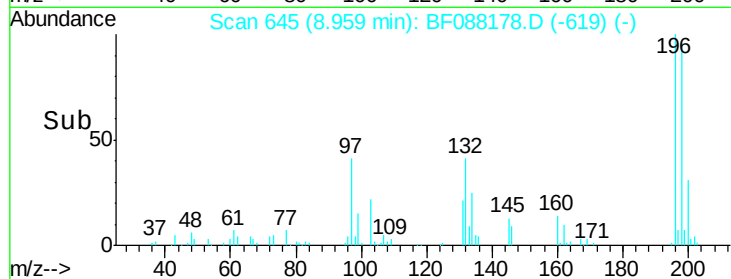
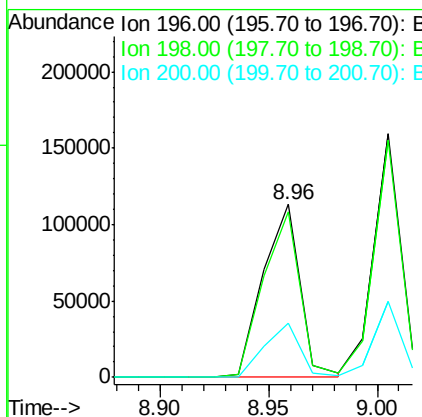
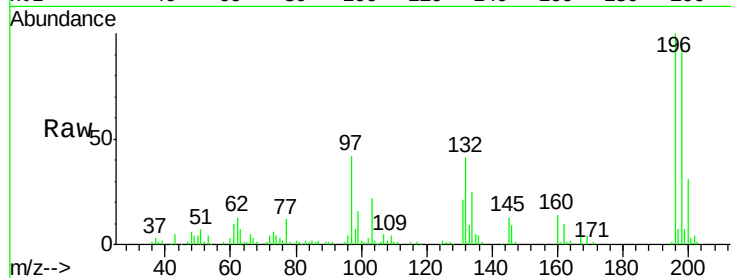




#42
 2,4,6-Trichlorophenol
 Concen: 39.51 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

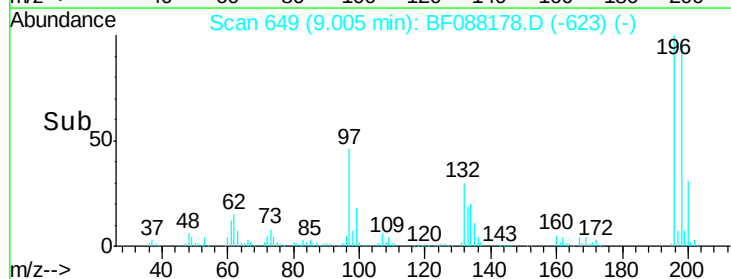
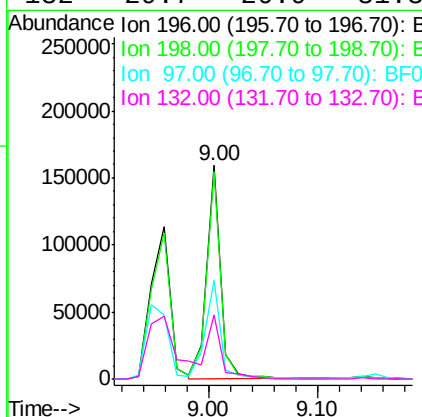
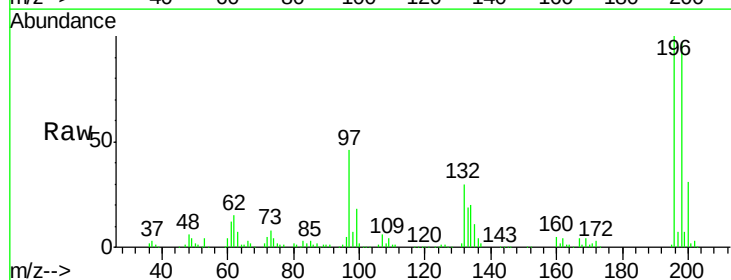
Instrument :
 BNA_F
 ClientSampled :
 PB91291BS

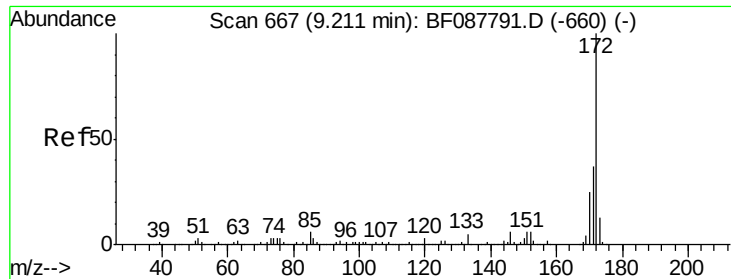
Tgt Ion:196 Resp: 134440
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.0 117.0
 200 31.4 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 40.95 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:196 Resp: 144963
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.5 116.3
 97 46.3 32.0 48.0
 132 29.7 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 85.15 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

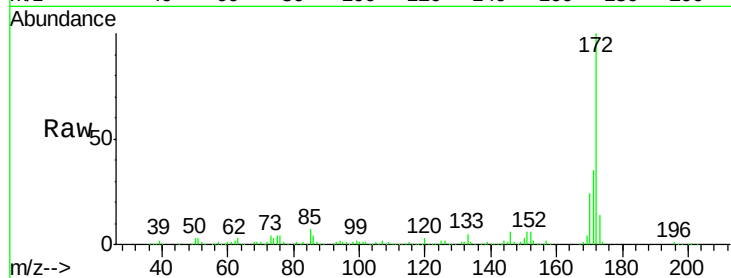
Tgt Ion:172 Resp: 922128

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

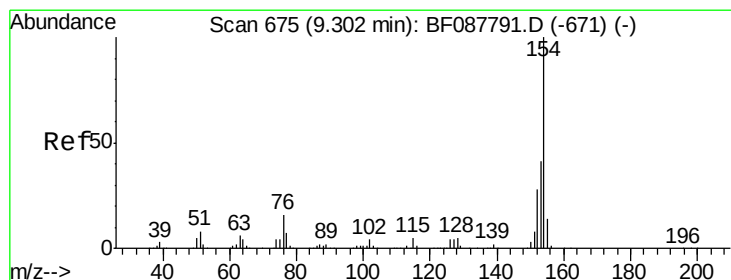
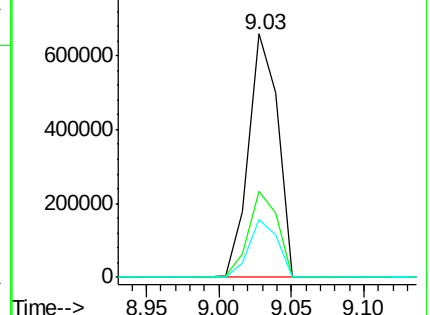
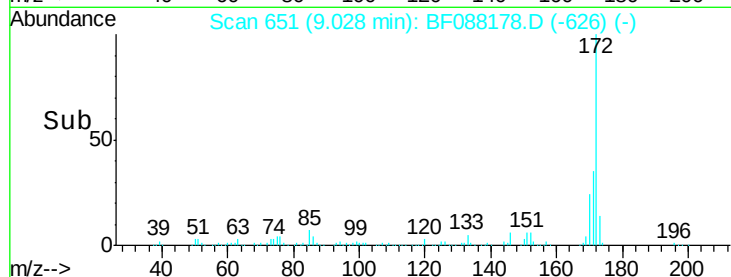
170 23.8 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 45.25 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

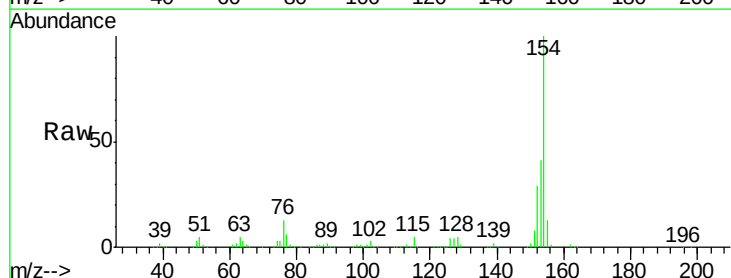
Tgt Ion:154 Resp: 577442

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

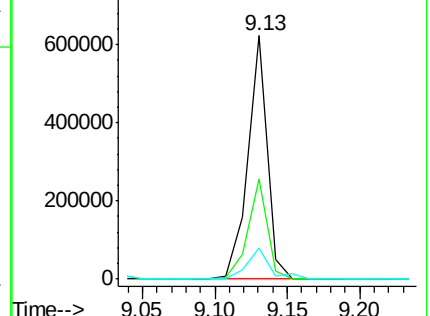
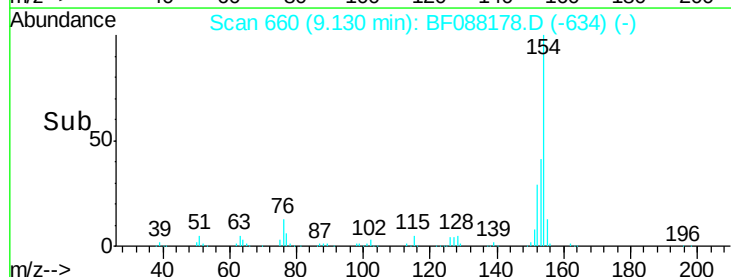
76 12.9 0.0 35.1

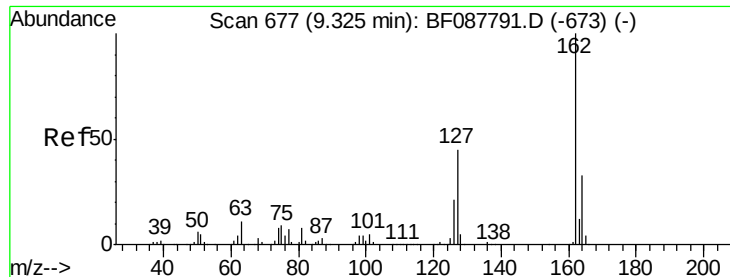


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

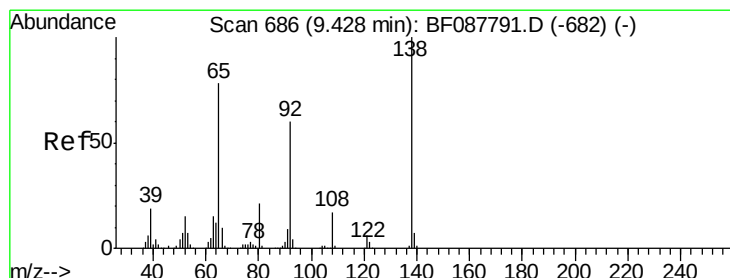
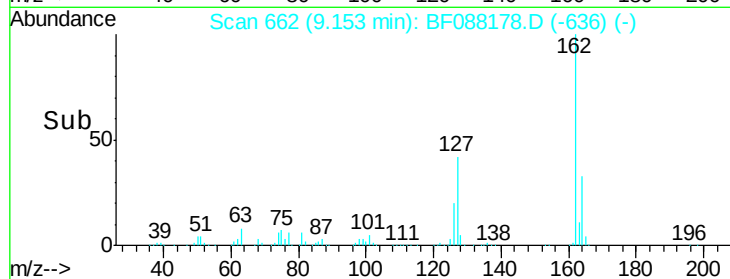
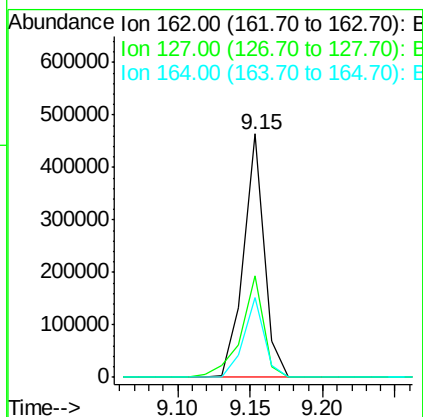
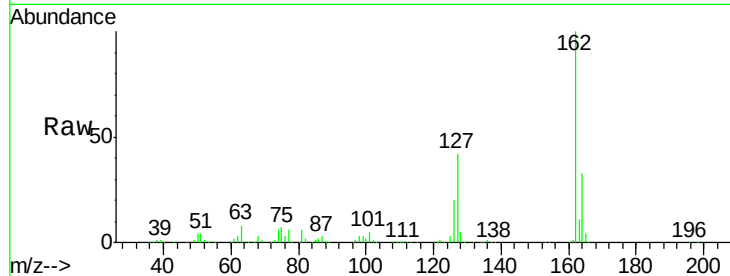




#46
 2-Chloronaphthalene
 Concen: 41.84 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

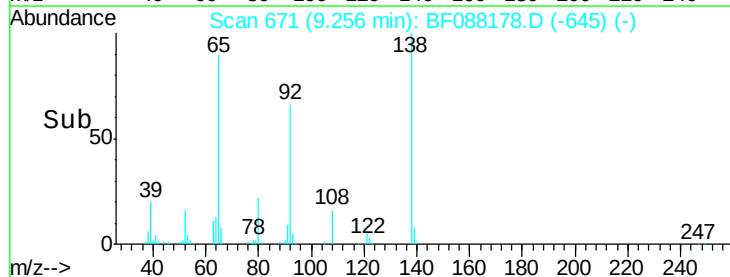
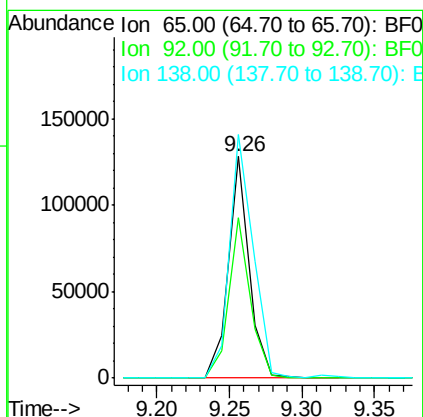
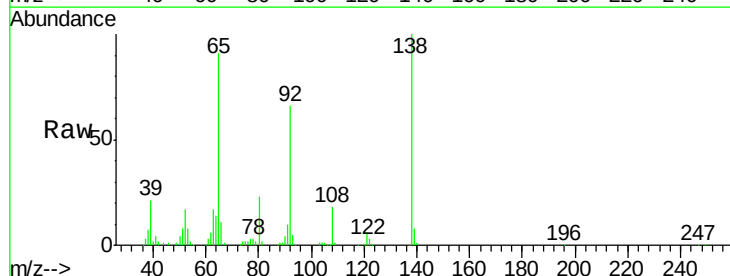
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

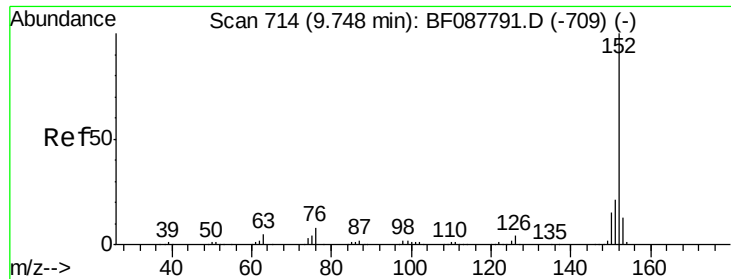
Tgt Ion: 162 Resp: 460702
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.2 52.8
 164 32.9 26.6 39.8



#47
 2-Nitroaniline
 Concen: 39.48 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion: 65 Resp: 128232
 Ion Ratio Lower Upper
 65 100
 92 72.5 54.6 82.0
 138 109.8 77.0 115.4





#48

Acenaphthylene

Concen: 38.76 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

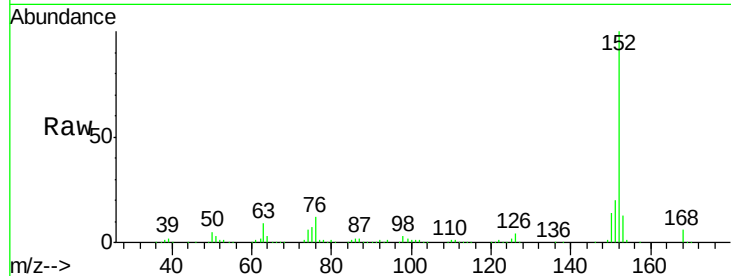
Tgt Ion:152 Resp: 678727

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

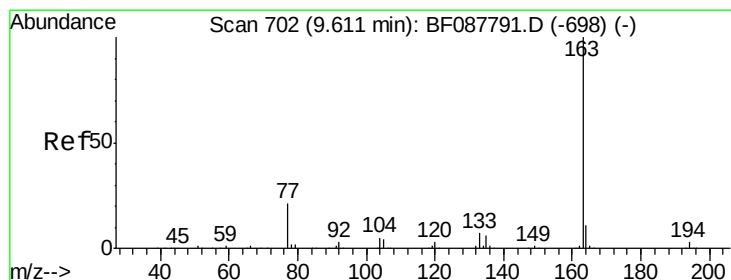
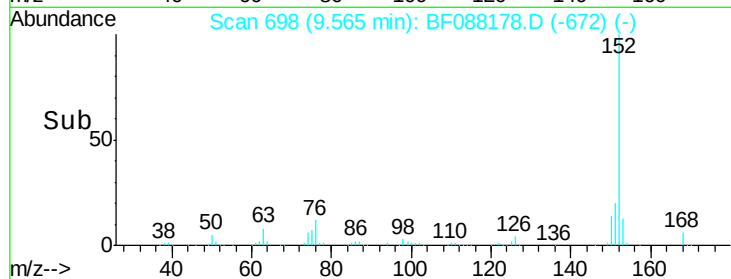
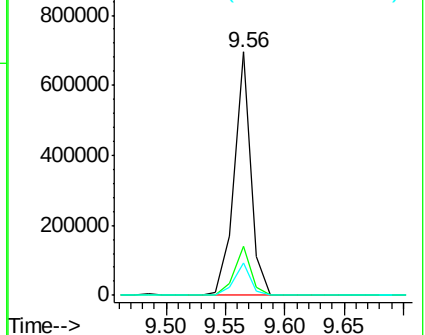
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.60 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

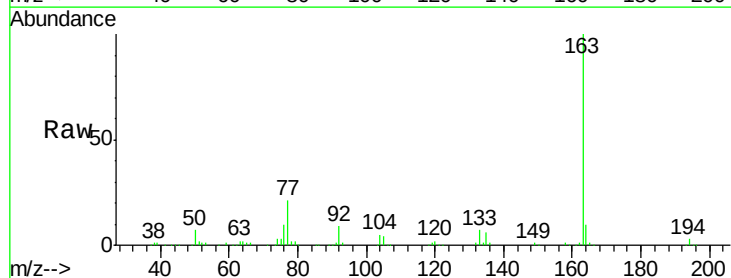
Tgt Ion:163 Resp: 537434

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

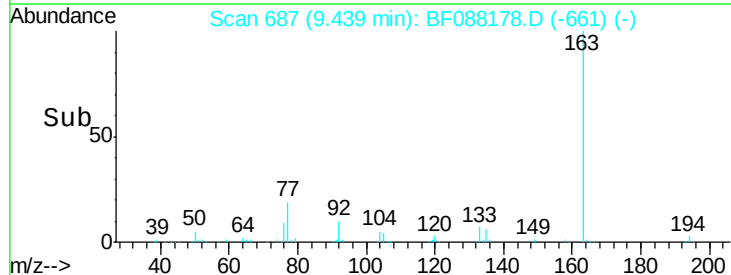
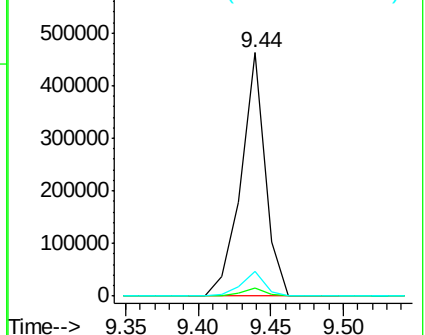
164 10.4 8.3 12.5

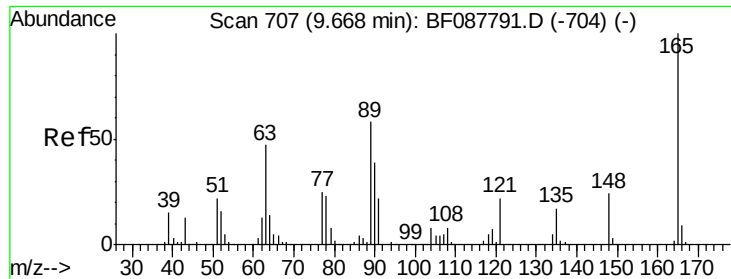


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

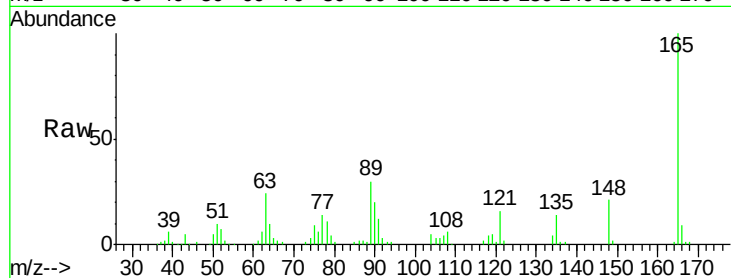




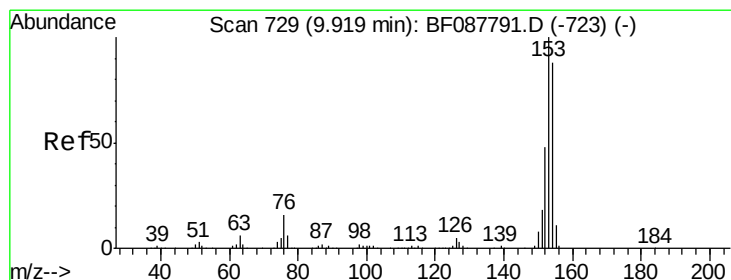
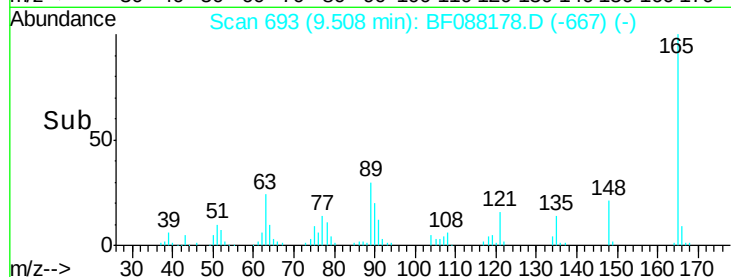
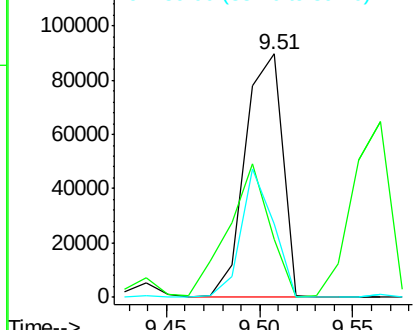
#50
 2,6-Dinitrotoluene
 Concen: 43.92 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tgt Ion:165 Resp: 123976
 Ion Ratio Lower Upper
 165 100
 63 23.6 28.1 42.1#
 89 30.3 32.2 48.2#

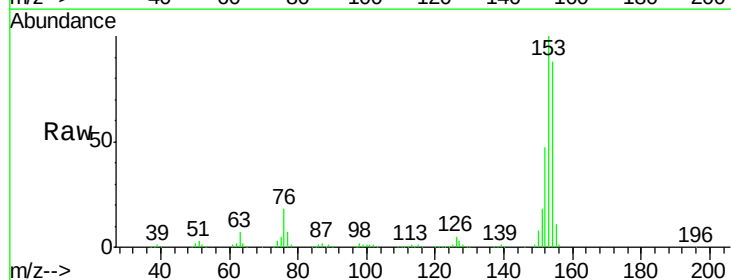


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

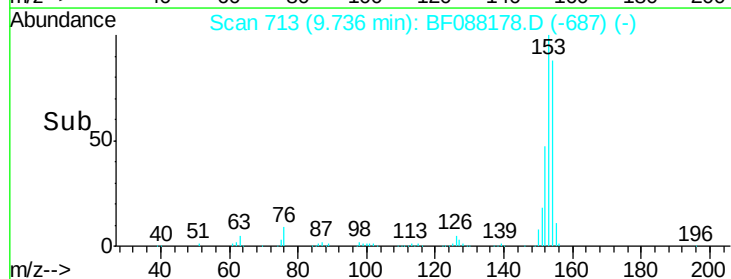
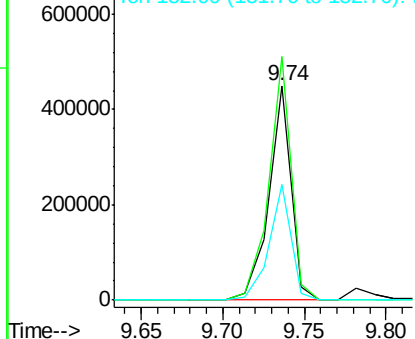


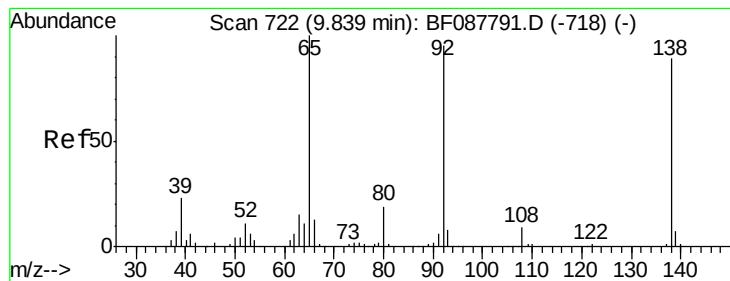
#51
 Acenaphthene
 Concen: 38.92 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:154 Resp: 425191
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.5 134.3
 152 53.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 23.80 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

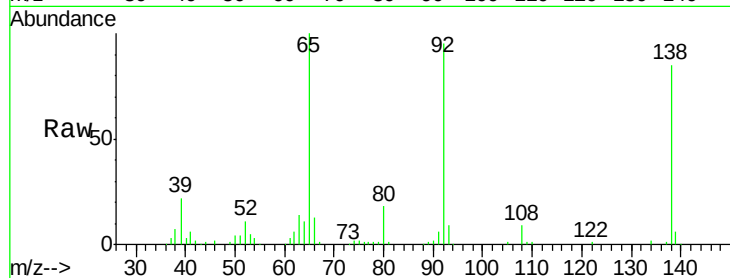
Tgt Ion:138 Resp: 77506

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

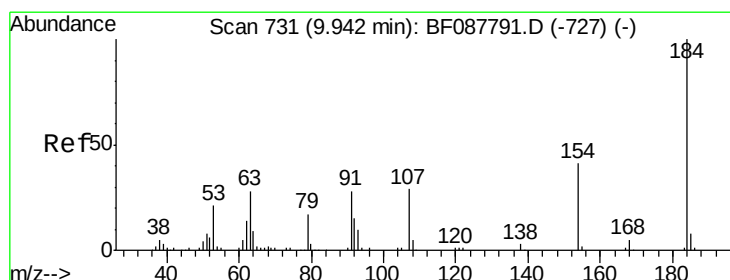
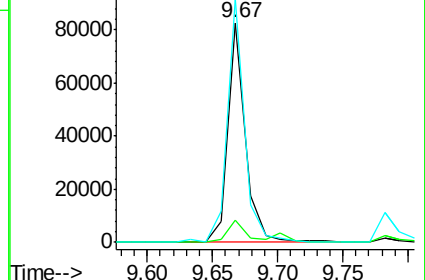
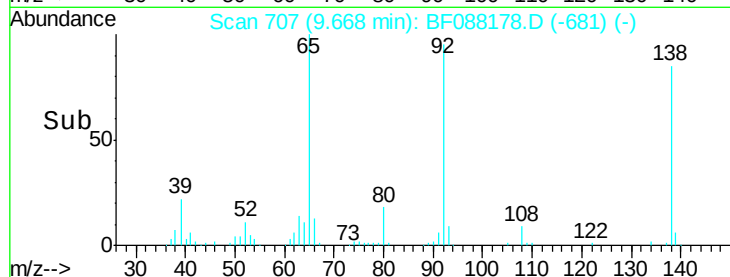
92 110.9 95.7 143.5



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: 37.96 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

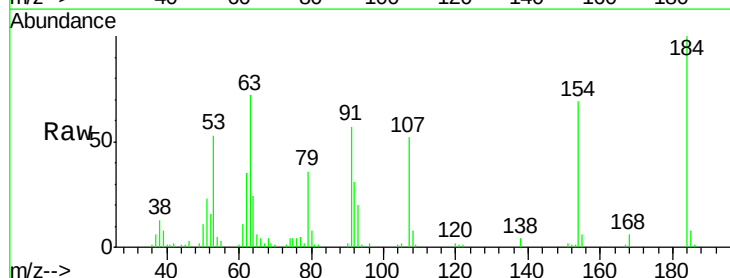
Tgt Ion:184 Resp: 49603

Ion Ratio Lower Upper

184 100

63 72.0 57.6 86.4

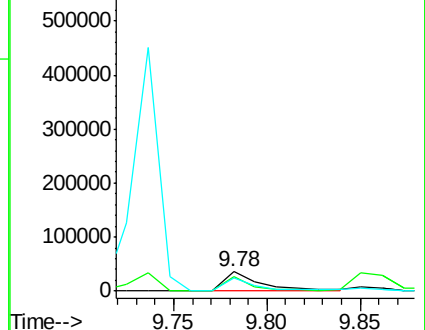
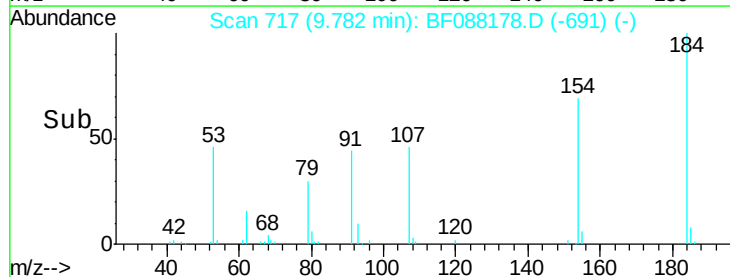
154 68.8 53.5 80.3

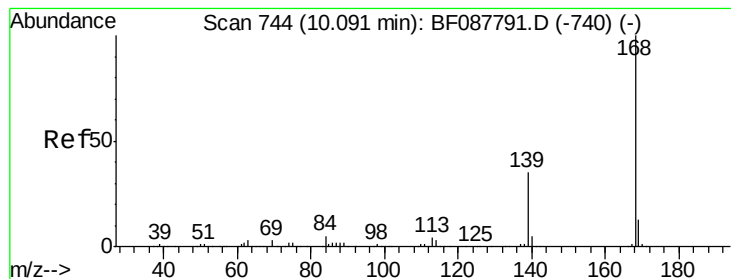


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.40 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

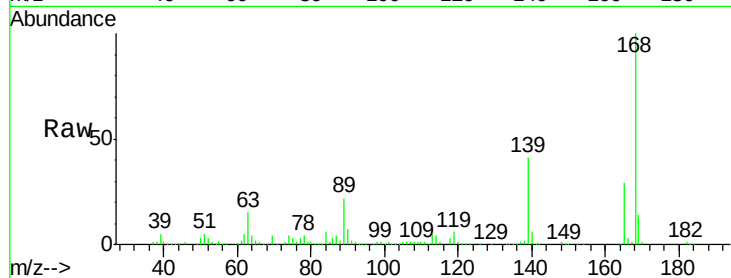
Tgt Ion:168 Resp: 577701

Ion Ratio Lower Upper

168 100

139 40.5 26.4 39.6#

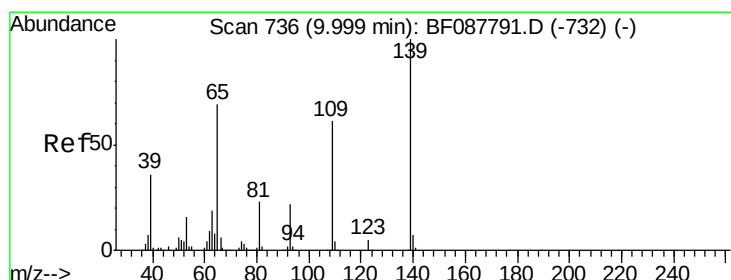
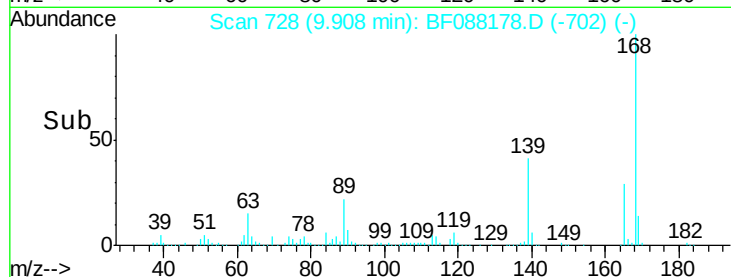
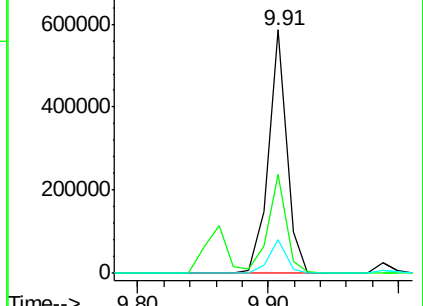
169 13.7 10.4 15.6



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: 56.04 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

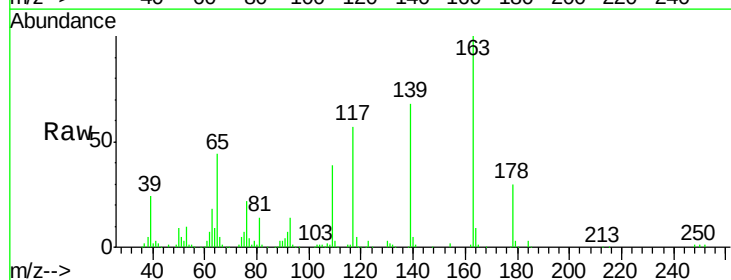
Tgt Ion:139 Resp: 141668

Ion Ratio Lower Upper

139 100

109 57.9 48.9 88.9

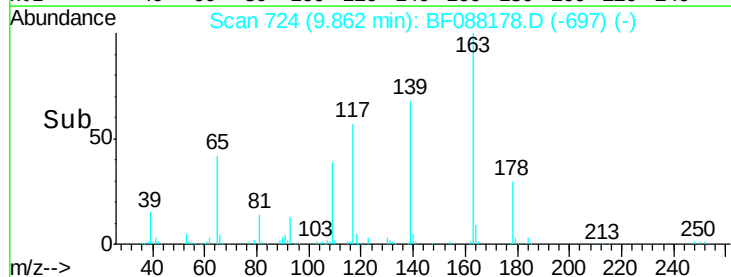
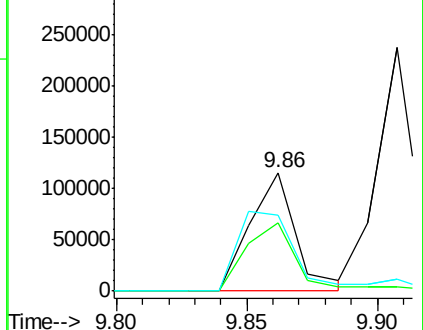
65 63.8 84.9 124.9#

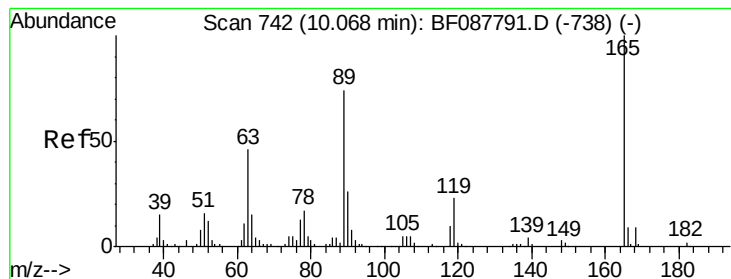


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 43.70 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tgt Ion:165 Resp: 158520

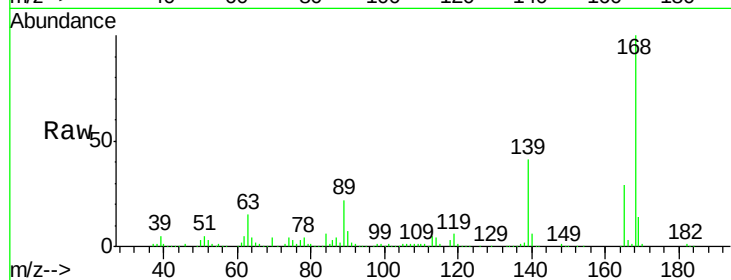
Ion Ratio Lower Upper

165 100

63 52.4 22.0 33.0#

89 76.5 41.1 61.7#

182 2.4 2.0 3.0

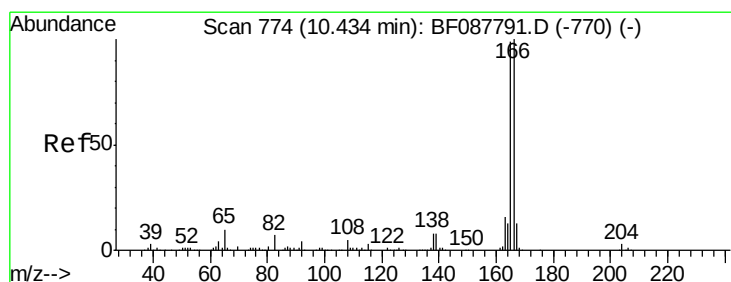
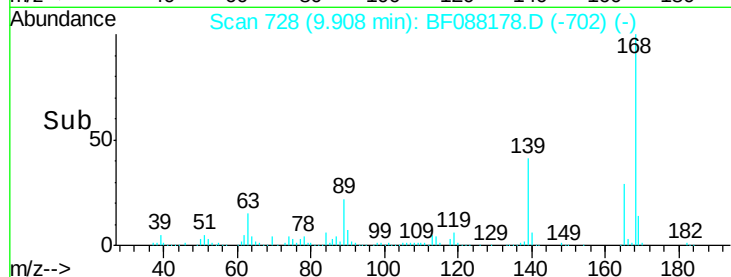
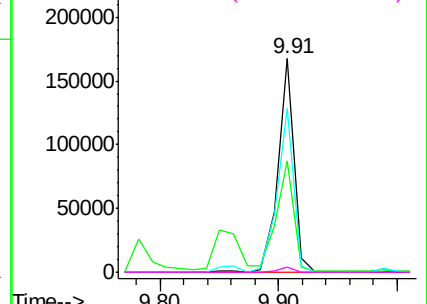


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.41 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

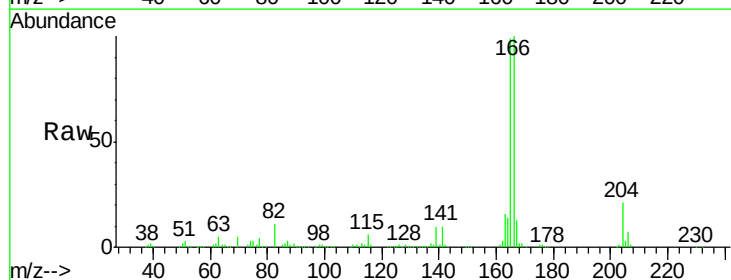
Tgt Ion:166 Resp: 488466

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

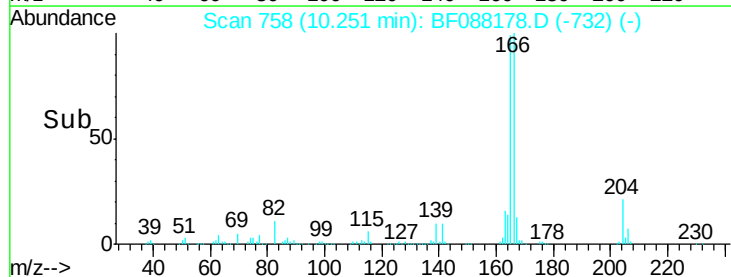
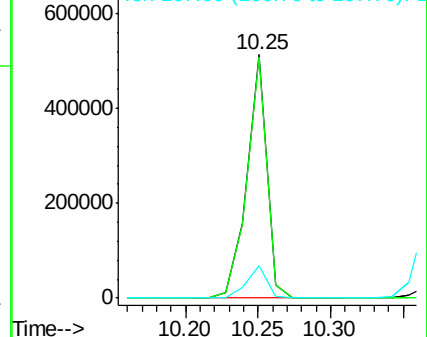
167 13.4 11.2 16.8

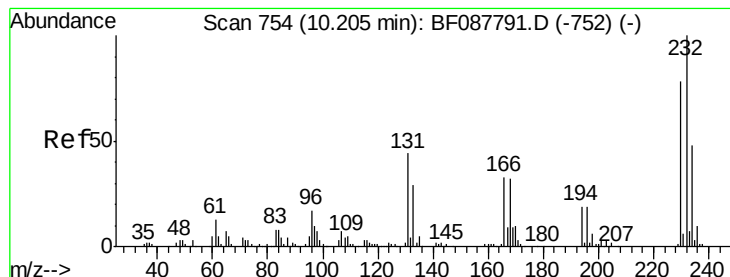


Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.50 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tgt Ion:232 Resp: 115460

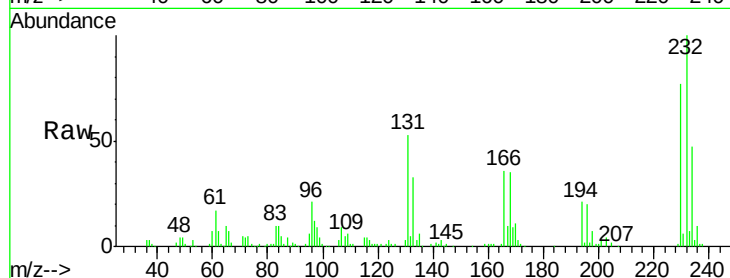
Ion Ratio Lower Upper

232 100

131 48.3 0.9 1.3#

130 2.2 1.5 2.3

166 31.3 0.5 0.7#

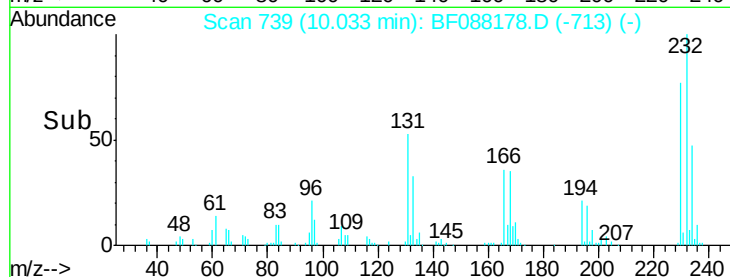


Abundance Ion 232.00 (231.70 to 232.70): E

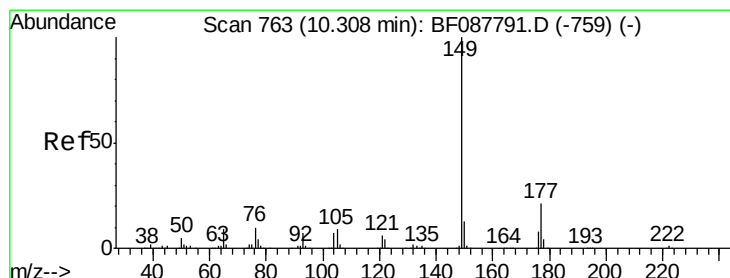
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 44.37 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

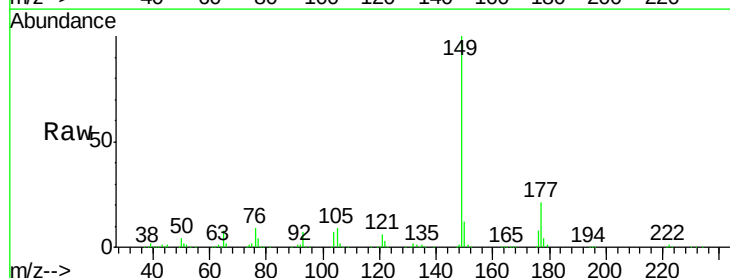
Tgt Ion:149 Resp: 553571

Ion Ratio Lower Upper

149 100

177 20.6 16.9 25.3

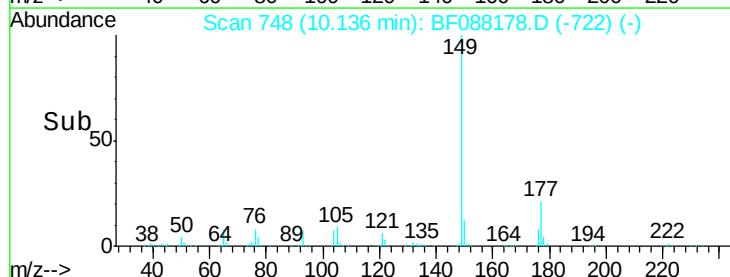
150 12.5 10.1 15.1



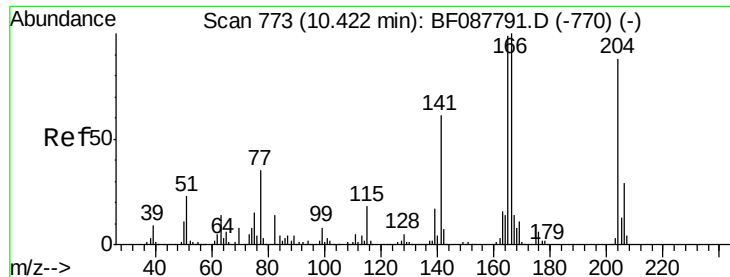
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



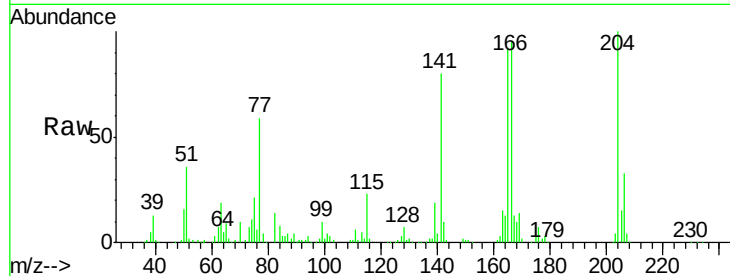
Time-->



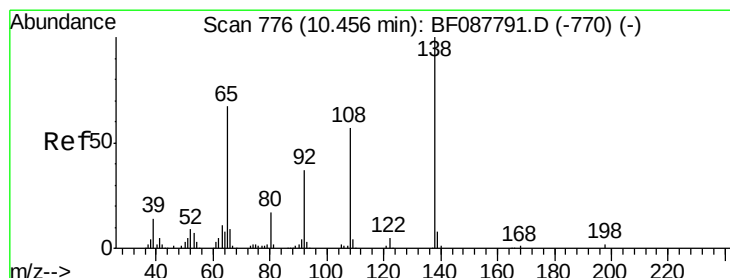
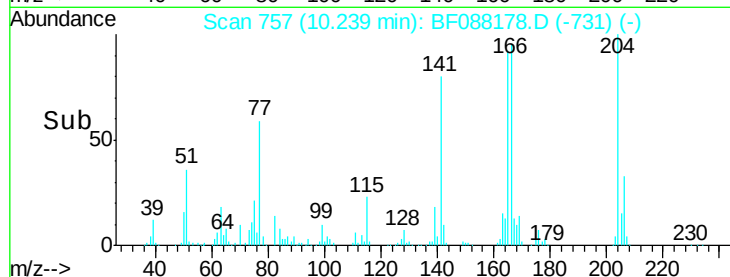
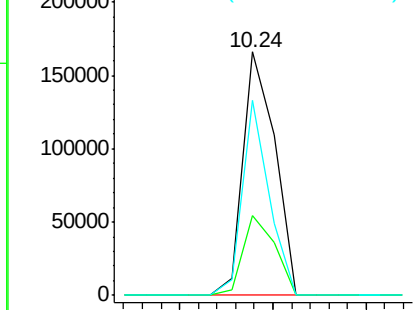
#60
4-Chlorophenyl-phenylether
Concen: 39.47 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion:204 Resp: 197504
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 80.3 55.0 82.6

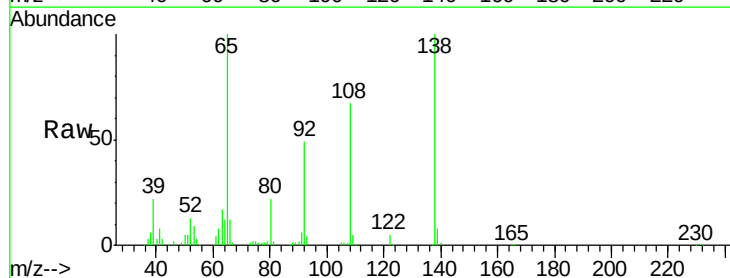


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

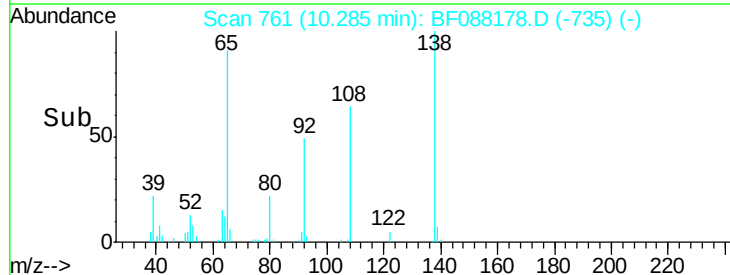
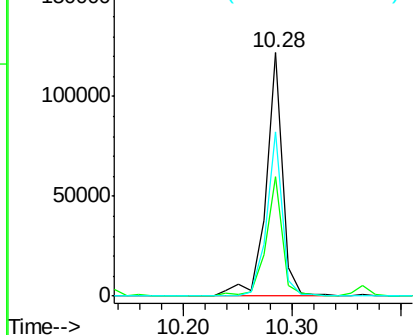


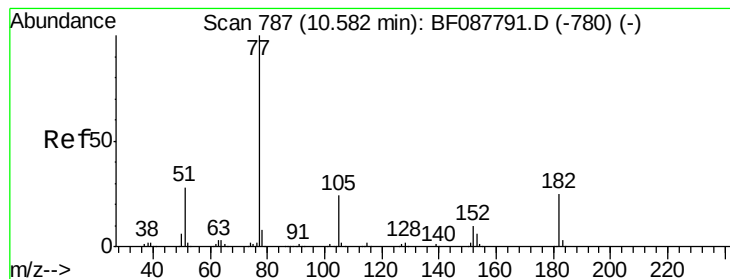
#61
4-Nitroaniline
Concen: 42.24 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion:138 Resp: 130491
Ion Ratio Lower Upper
138 100
92 48.8 27.3 67.3
108 67.6 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: 41.57 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tgt Ion: 77 Resp: 512814

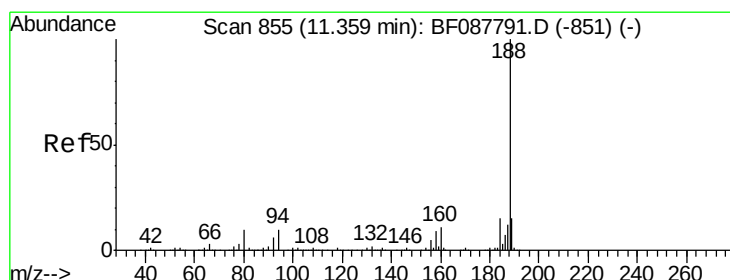
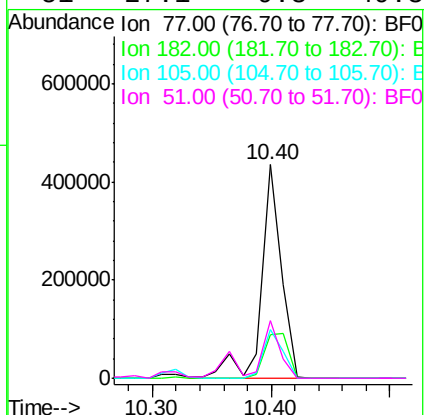
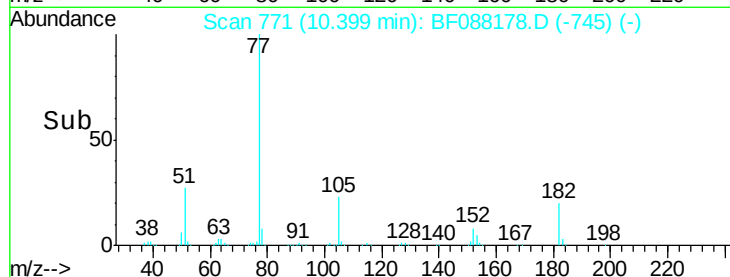
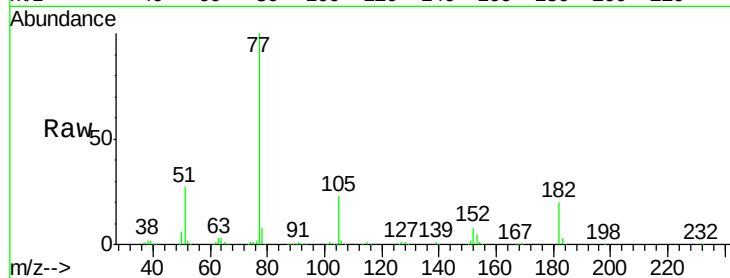
Ion Ratio Lower Upper

77 100

182 20.3 4.4 44.4

105 23.1 3.8 43.8

51 27.1 9.3 49.3



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

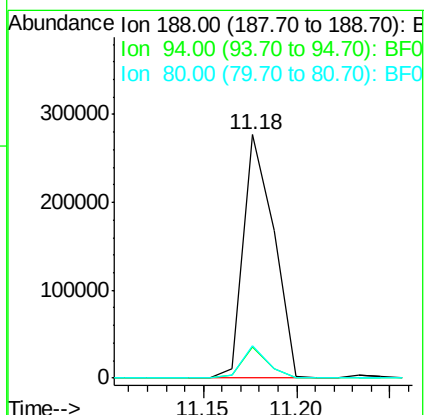
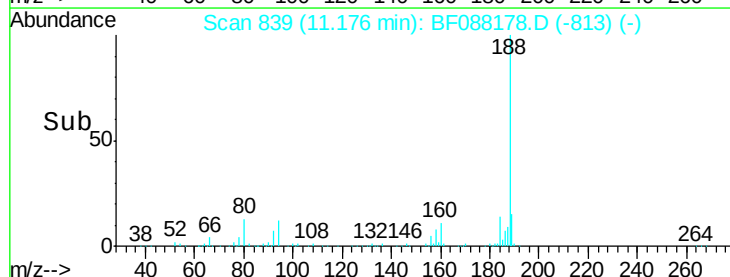
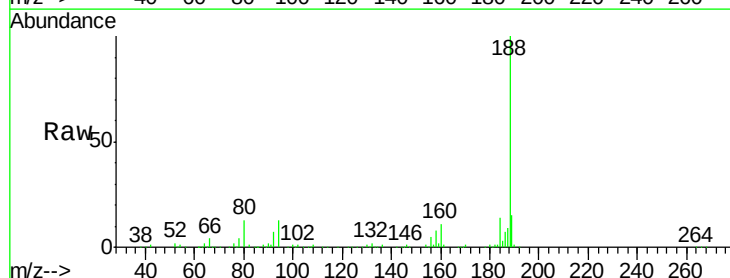
Tgt Ion: 188 Resp: 314552

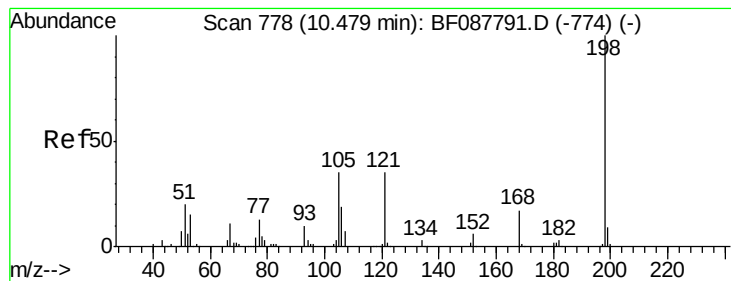
Ion Ratio Lower Upper

188 100

94 12.6 9.0 13.6

80 13.2 10.0 15.0





#64

4,6-Dinitro-2-methylphenol

Concen: 28.51 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampled :

PB91291BS

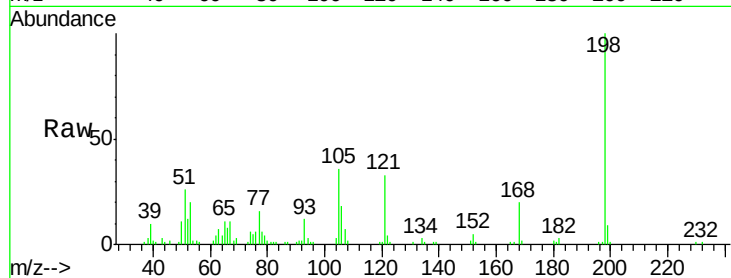
Tgt Ion:198 Resp: 54180

Ion Ratio Lower Upper

198 100

51 25.7 39.6 79.6#

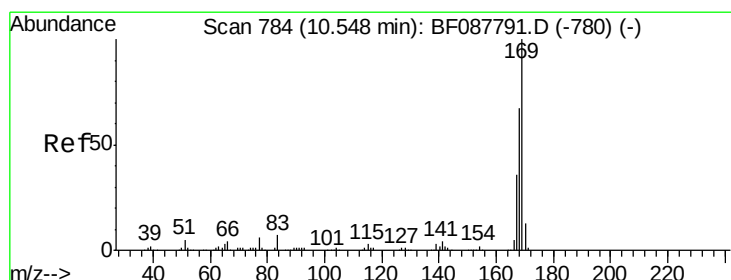
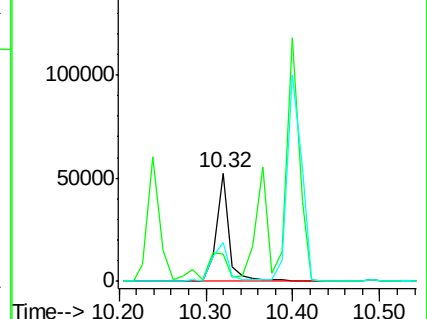
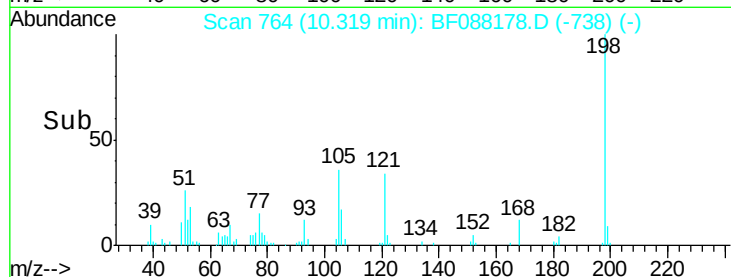
105 35.6 36.6 76.6#



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: 41.34 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

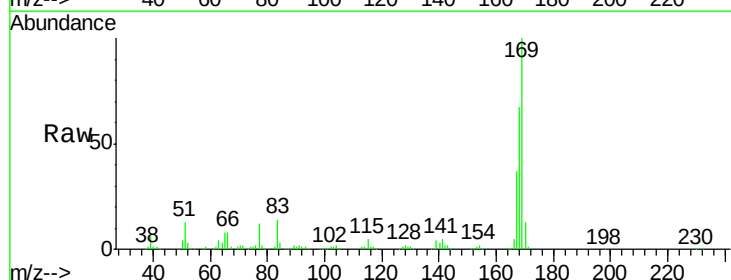
Tgt Ion:169 Resp: 431486

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

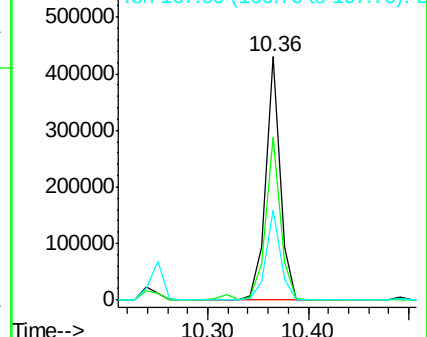
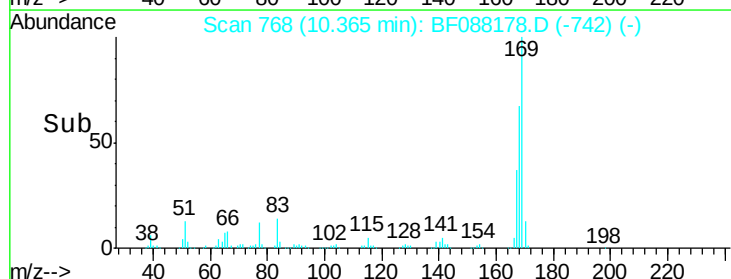
167 36.9 29.4 44.0

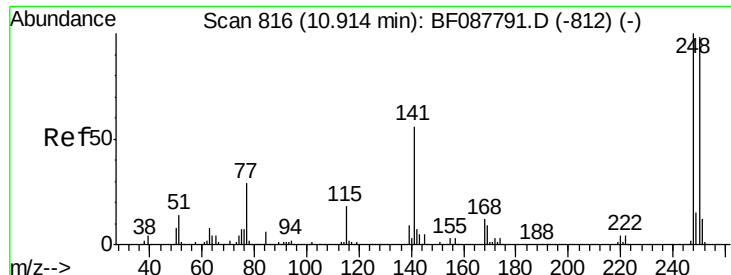


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

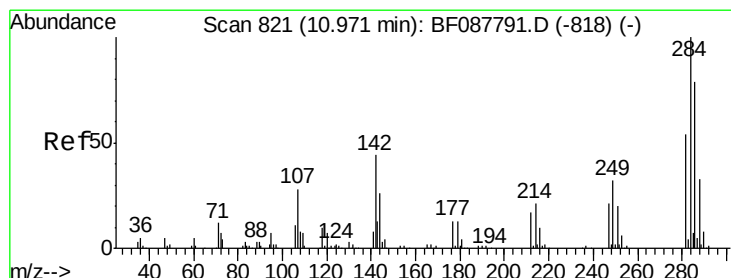
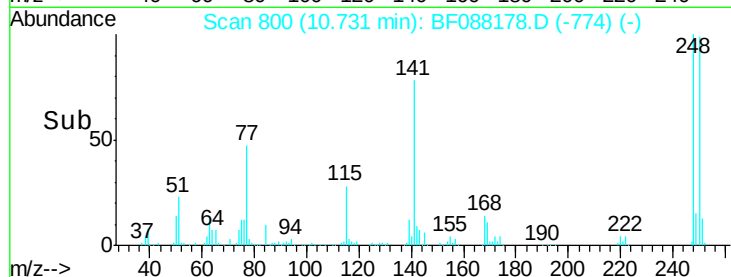
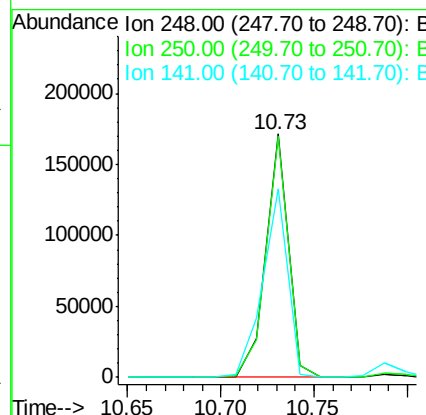
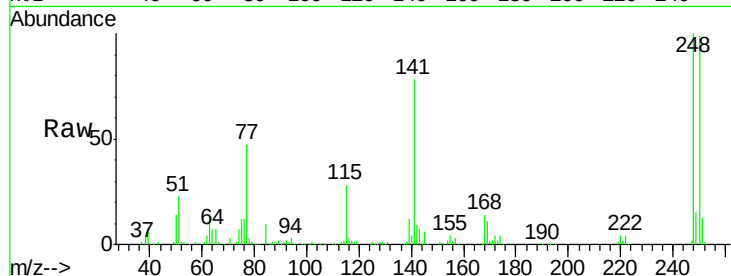




#66
 4-Bromophenyl-phenylether
 Concen: 42.34 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

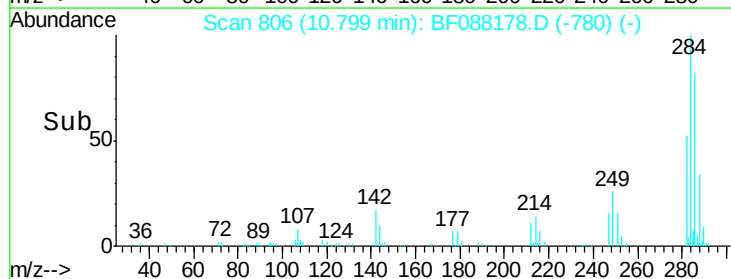
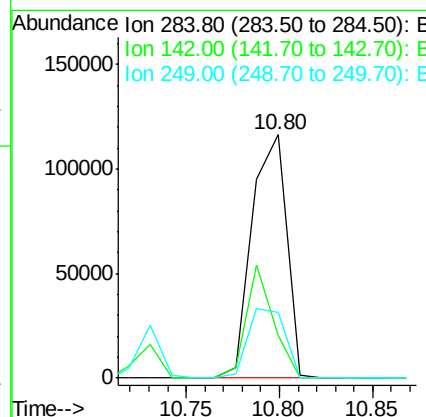
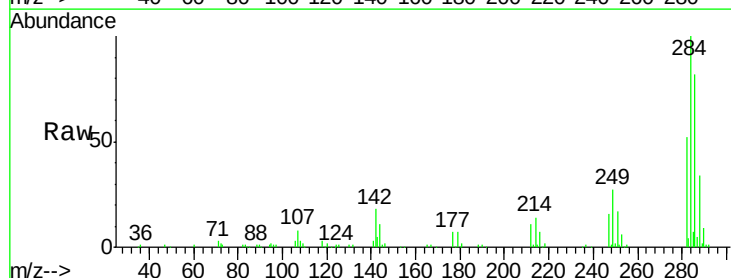
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

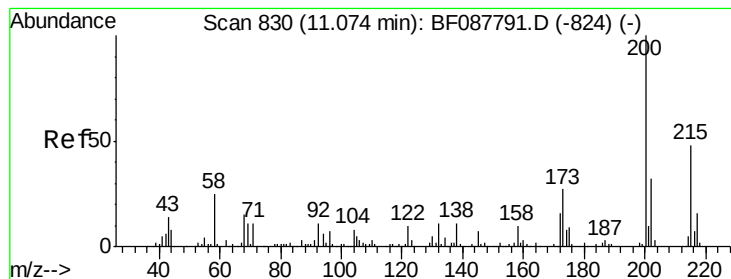
Tgt Ion:248 Resp: 142864
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 77.6 50.6 76.0#



#67
 Hexachlorobenzene
 Concen: 42.63 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:284 Resp: 149476
 Ion Ratio Lower Upper
 284 100
 142 17.8 35.8 53.8#
 249 27.1 25.8 38.6





#68

Atrazine

Concen: 49.51 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

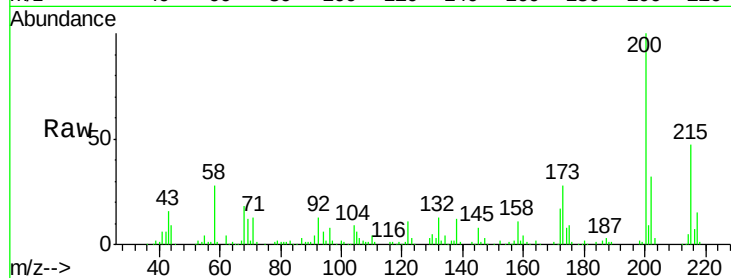
Tgt Ion:200 Resp: 156483

Ion Ratio Lower Upper

200 100

173 27.7 4.0 44.0

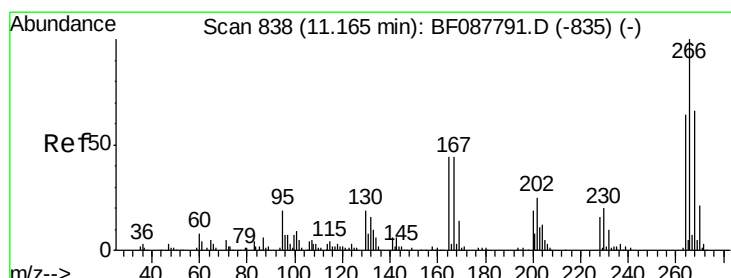
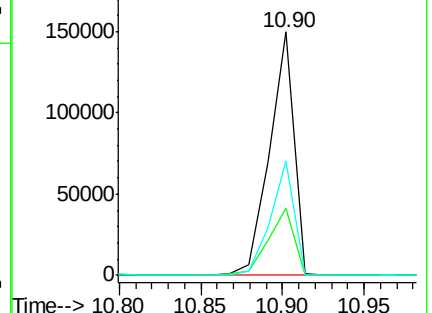
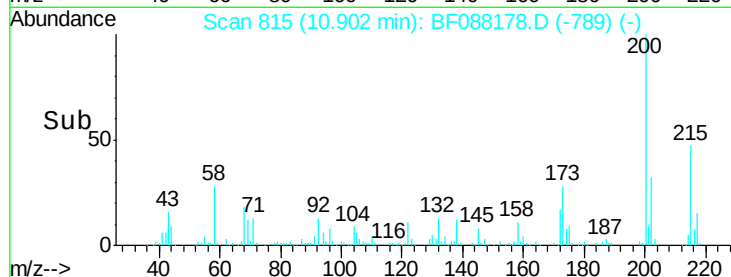
215 47.1 29.3 69.3



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: 49.32 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

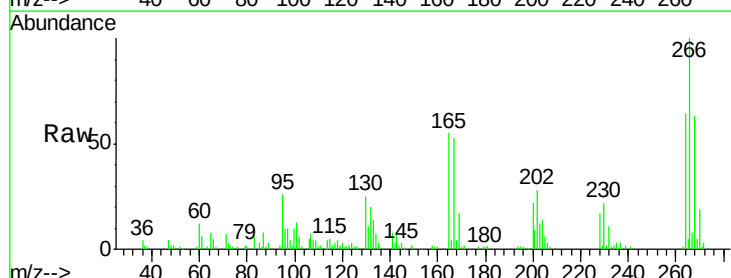
Tgt Ion:266 Resp: 91158

Ion Ratio Lower Upper

266 100

268 62.6 52.8 79.2

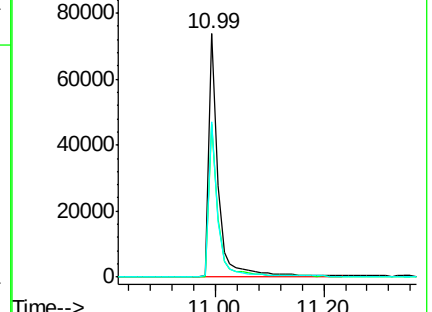
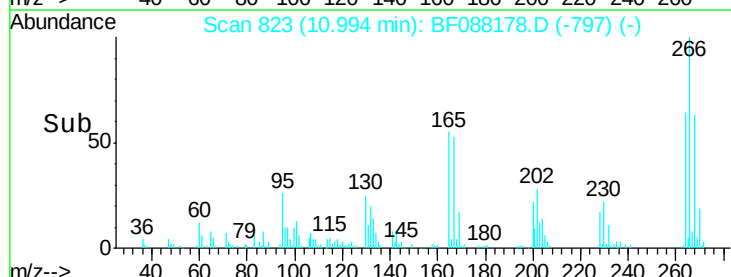
264 64.0 49.6 74.4

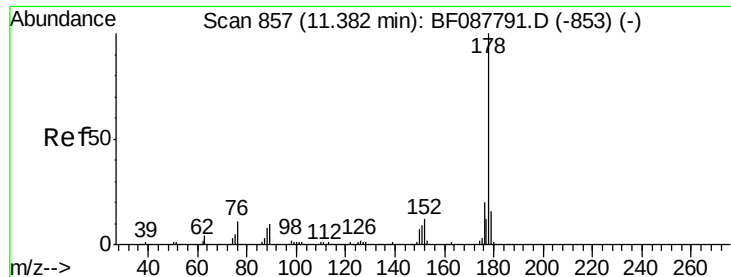


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

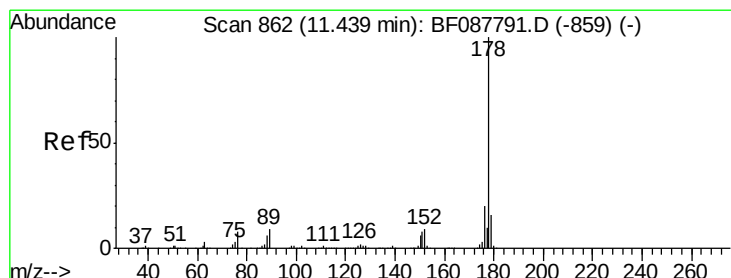
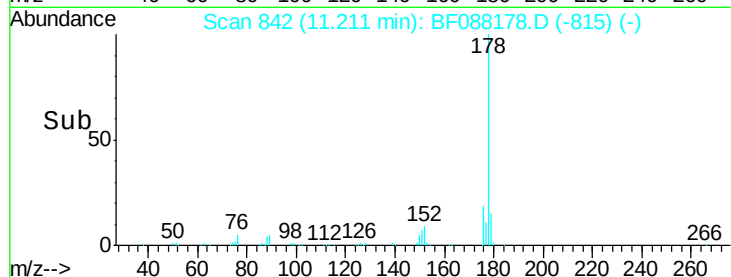
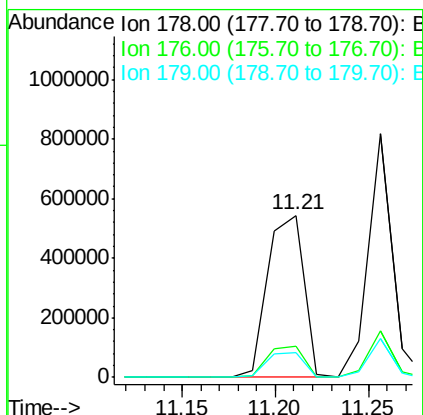
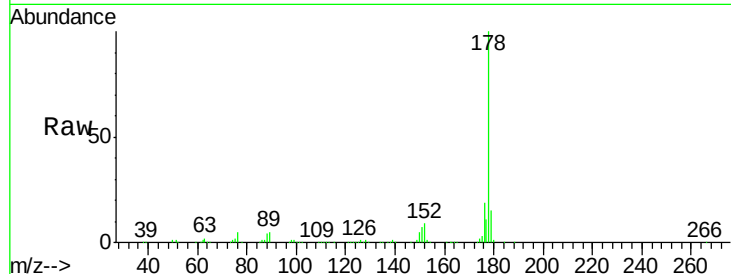




#70
Phenanthrene
Concen: 44.62 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

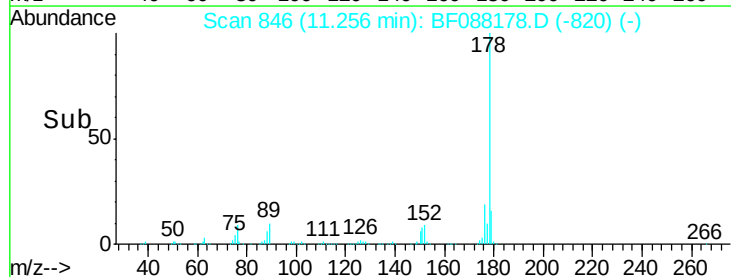
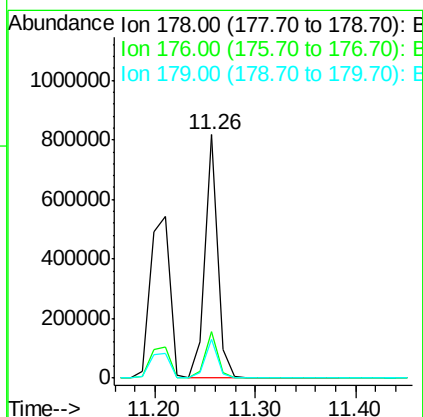
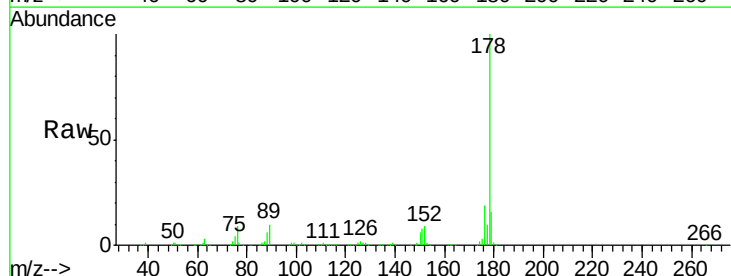
Instrument :
BNA_F
ClientSampleId :
PB91291BS

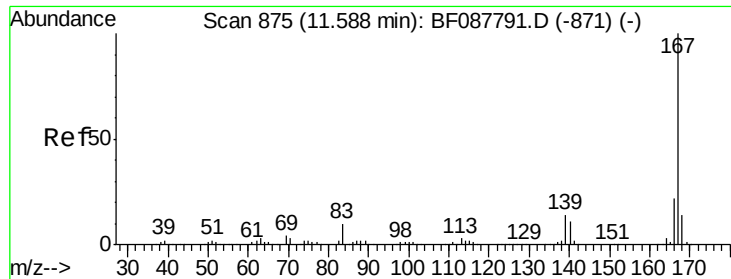
Tgt Ion:178 Resp: 736541
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 43.18 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion:178 Resp: 718943
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.0 12.8 19.2

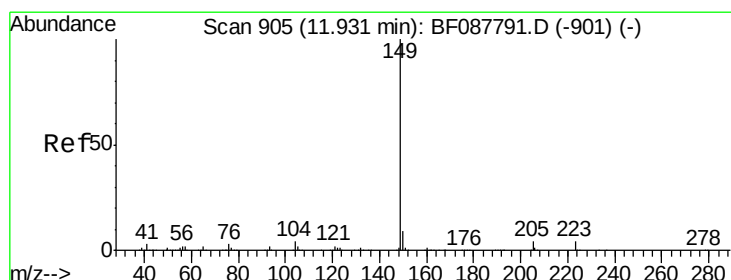
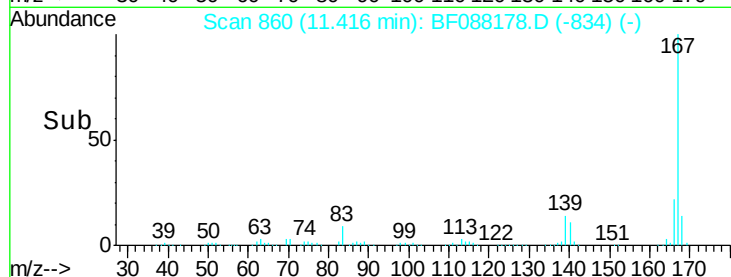
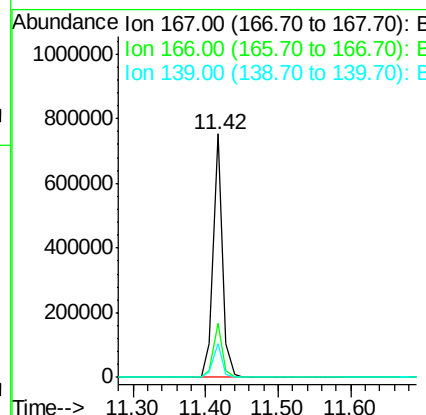
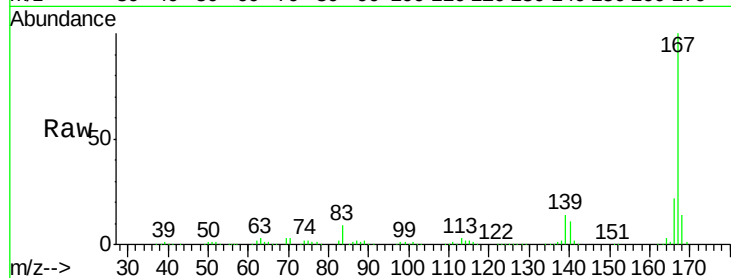




#72
 Carbazole
 Concen: 43.16 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

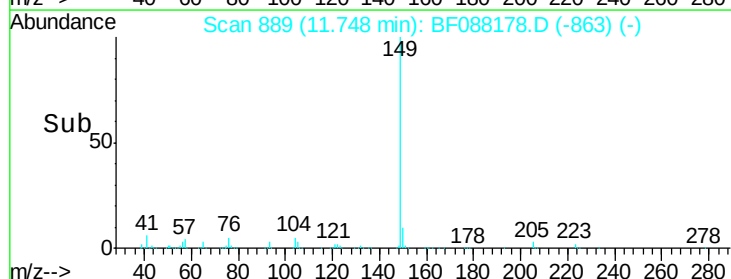
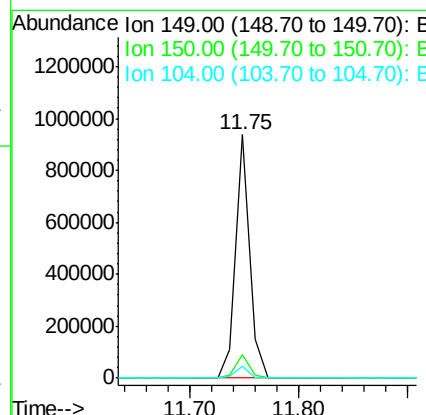
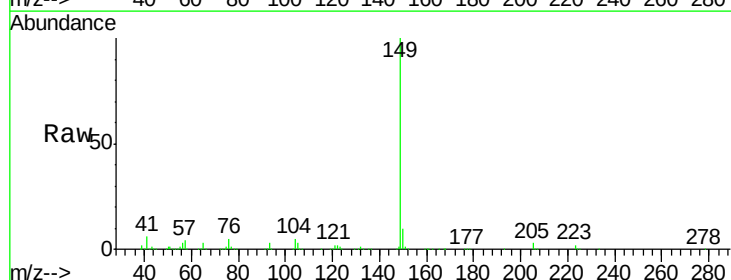
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

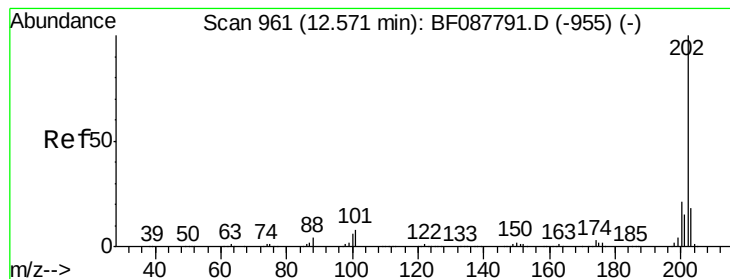
Tgt Ion:167 Resp: 672403
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.9 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 41.76 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:149 Resp: 823711
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.9 4.0 6.0





#74

Fluoranthene

Concen: 43.80 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

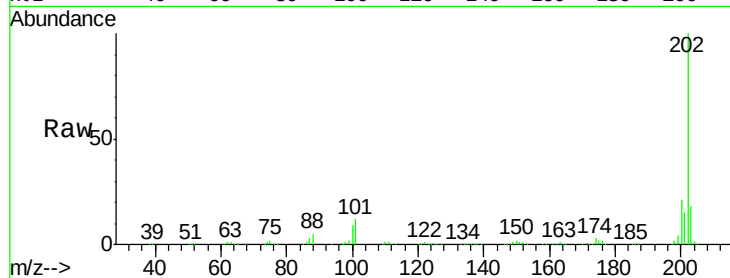
Tgt Ion:202 Resp: 763000

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.1

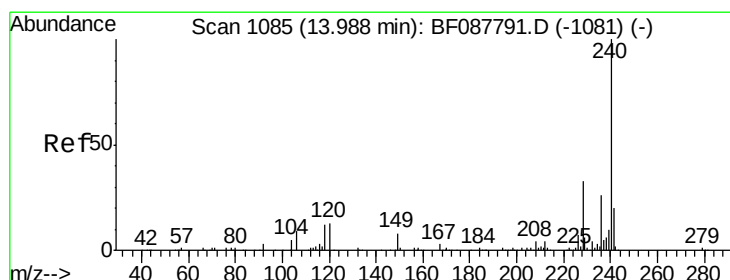
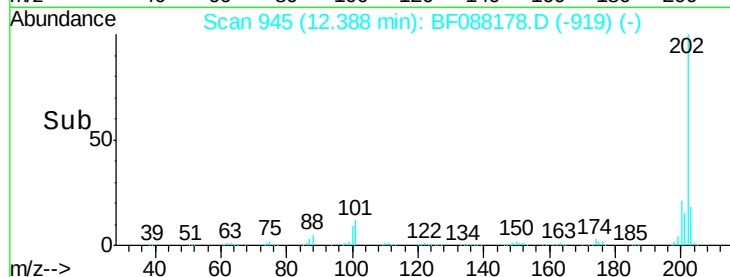
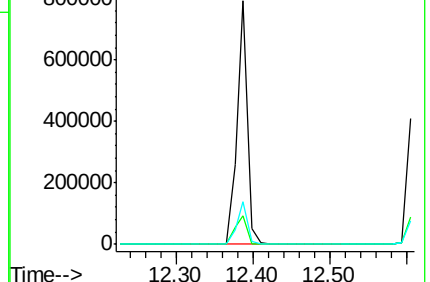
203 17.7 0.0 38.1



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: BF088178.D

Acq: 20 Jun 2016 18:27

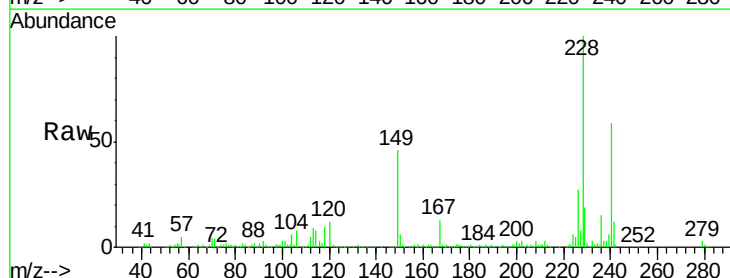
Tgt Ion:240 Resp: 228373

Ion Ratio Lower Upper

240 100

120 19.5 6.8 10.2#

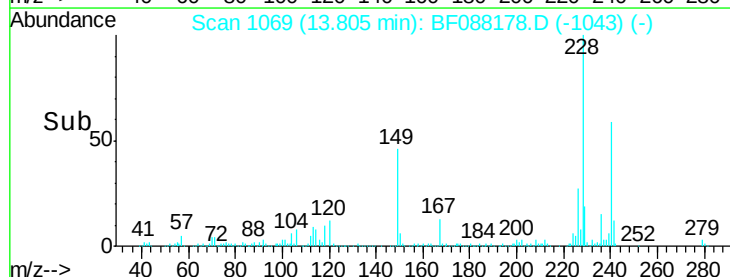
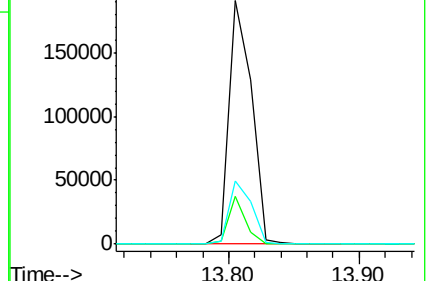
236 25.7 20.2 30.2

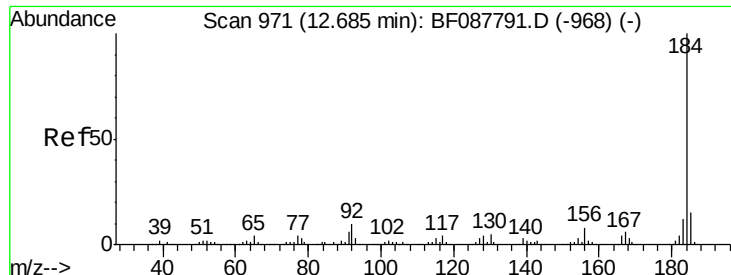


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

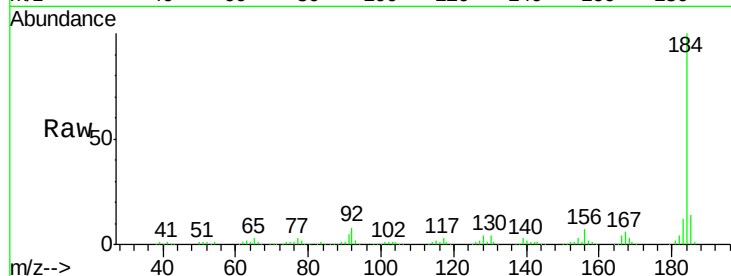




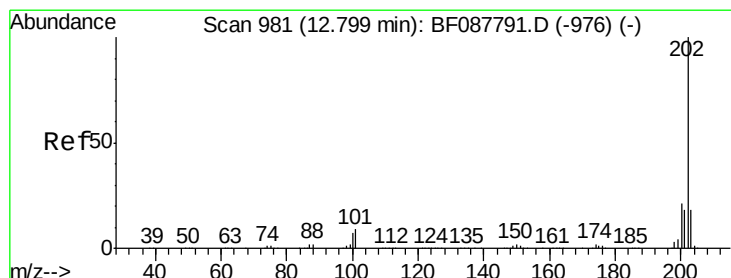
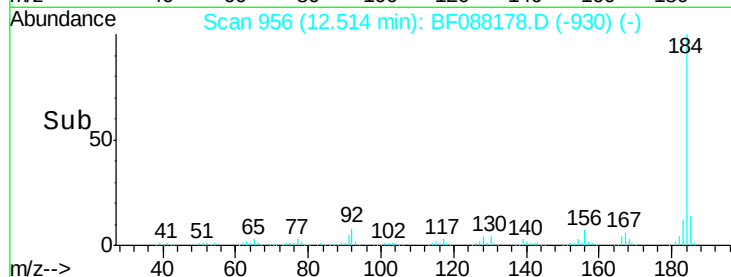
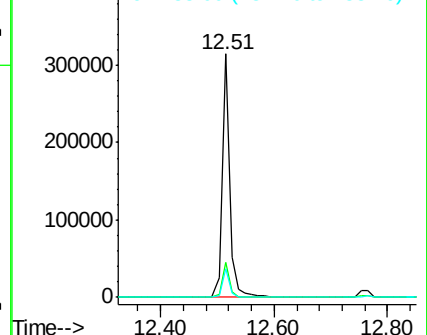
#76
Benzidine
Concen: 45.92 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion:184 Resp: 290356
Ion Ratio Lower Upper
184 100
185 14.4 12.5 18.7
183 11.5 9.3 13.9

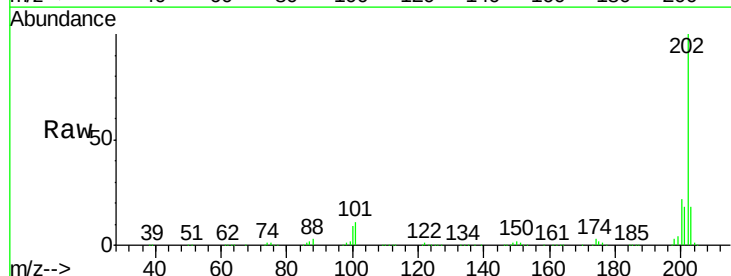


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

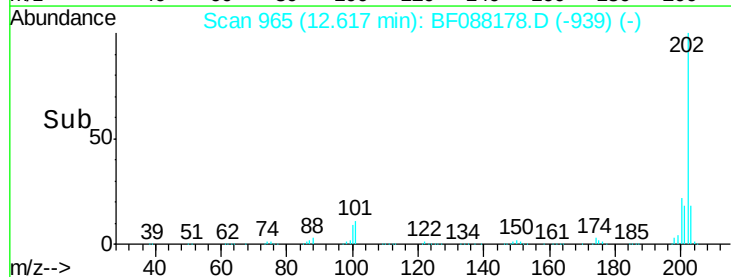
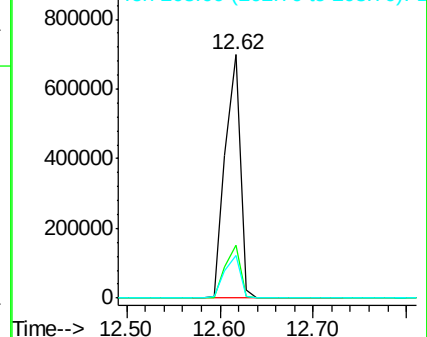


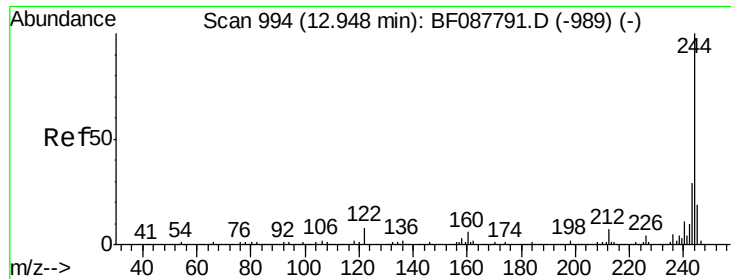
#77
Pyrene
Concen: 46.23 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion:202 Resp: 783414
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.5 21.7



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

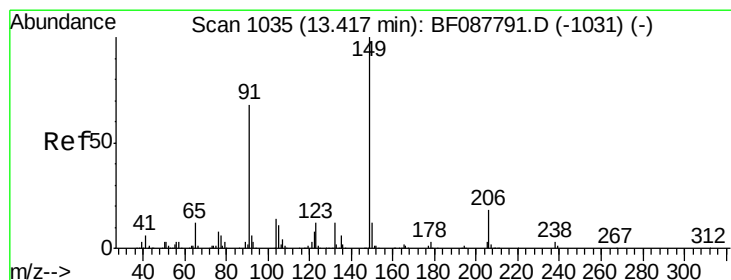
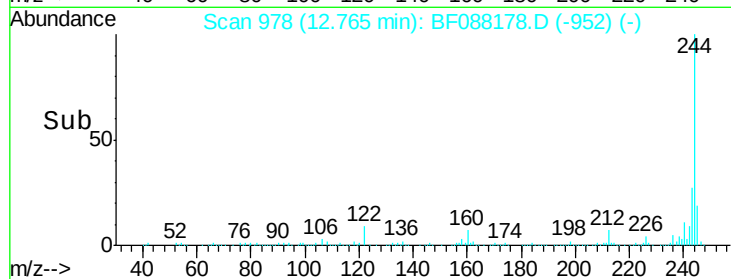
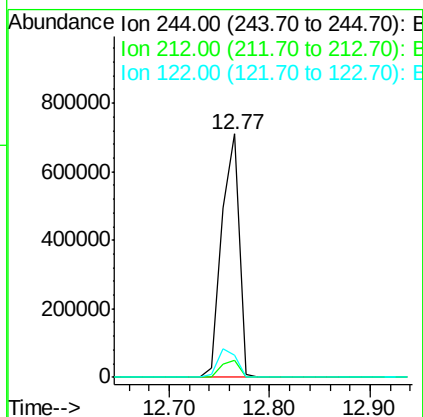
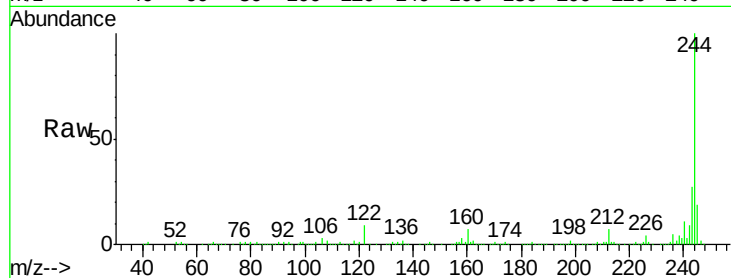




#78
 Terphenyl-d14
 Concen: 85.12 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

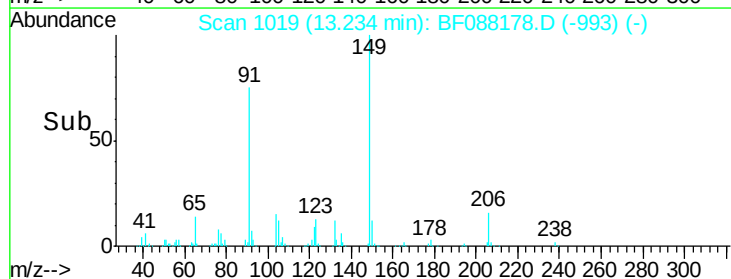
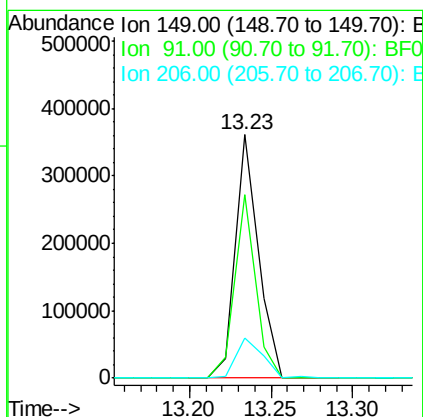
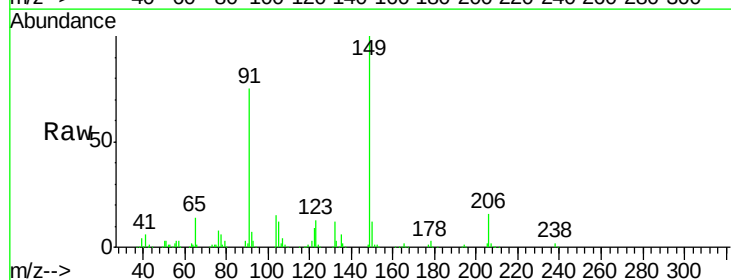
Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

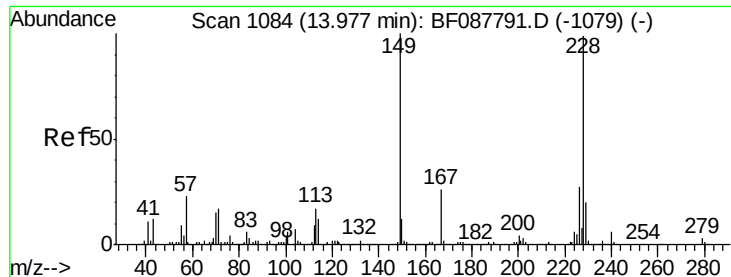
Tgt Ion:244 Resp: 854302
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.3 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 46.83 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:149 Resp: 350852
 Ion Ratio Lower Upper
 149 100
 91 75.4 48.0 72.0#
 206 16.5 16.0 24.0





#80

Benzo(a)anthracene

Concen: 43.23 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

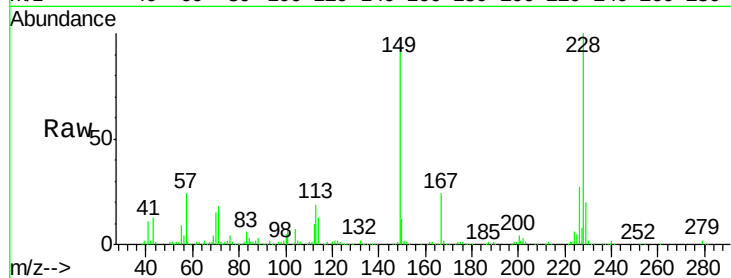
Tgt Ion:228 Resp: 562642

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

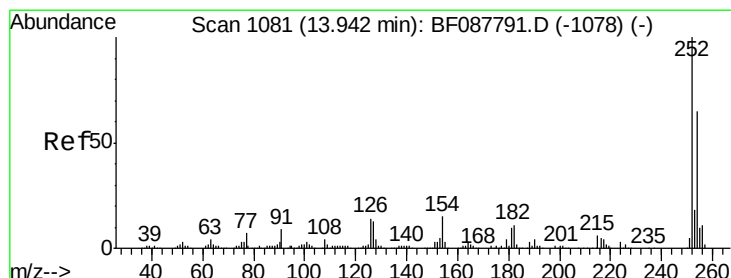
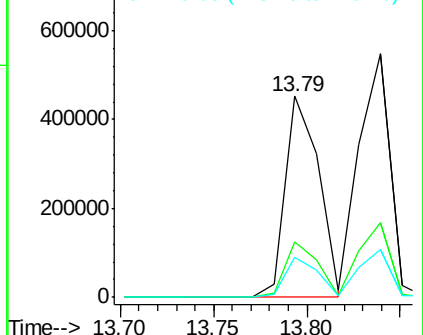
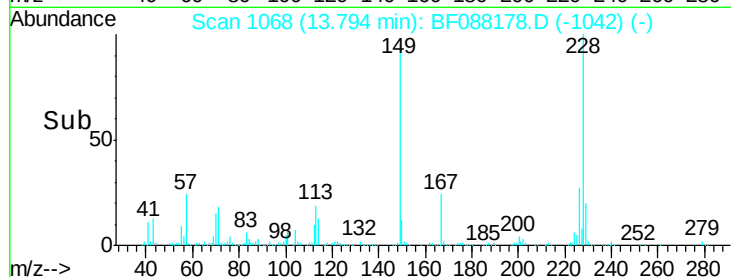
229 20.0 16.0 24.0



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: 31.42 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

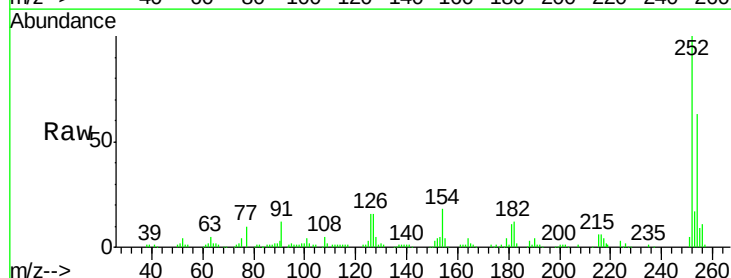
Tgt Ion:252 Resp: 109948

Ion Ratio Lower Upper

252 100

254 63.4 52.6 78.8

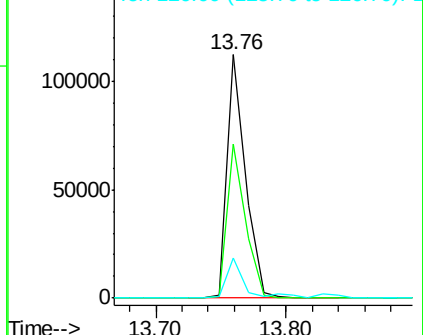
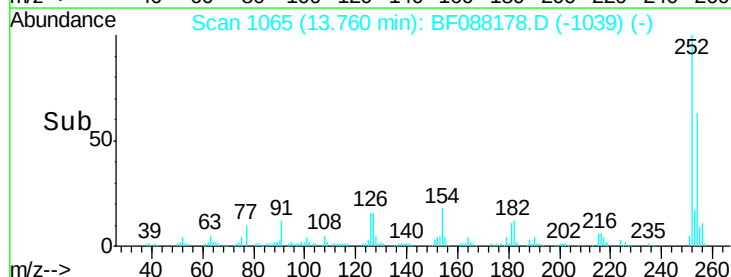
126 16.4 6.2 9.2#

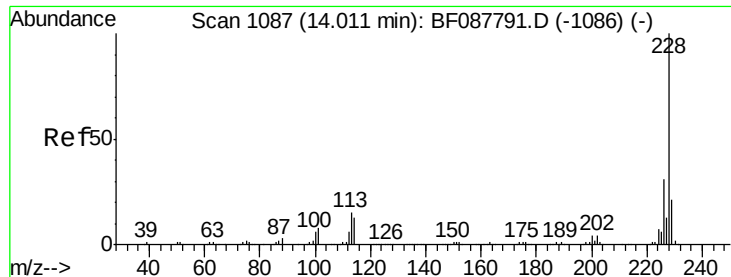


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.25 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

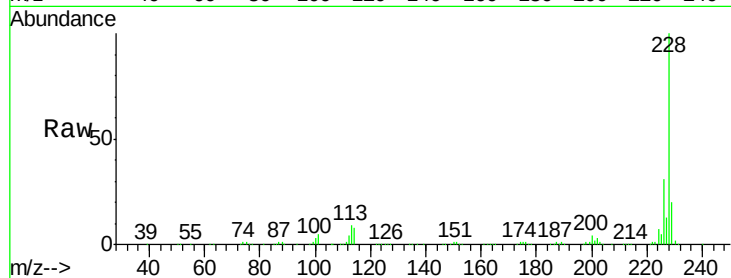
Tgt Ion:228 Resp: 639781

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.2

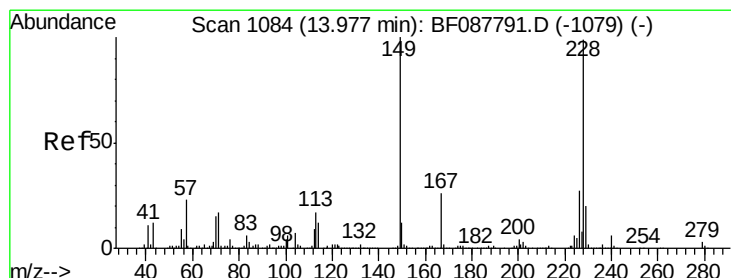
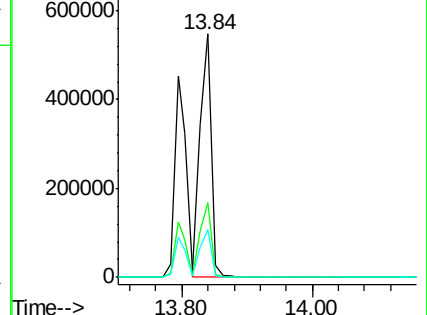
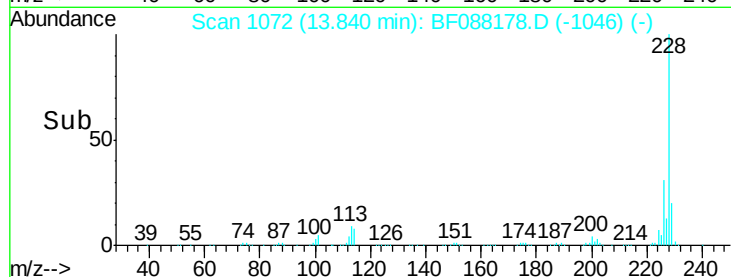
229 19.6 16.3 24.5



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: 46.92 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

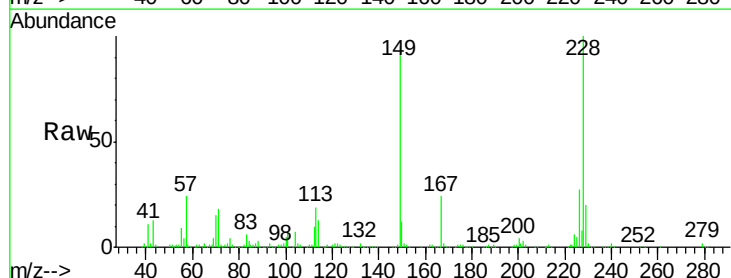
Tgt Ion:149 Resp: 427984

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

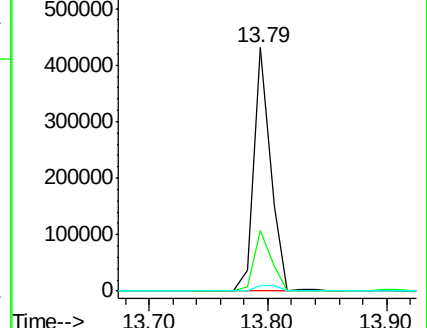
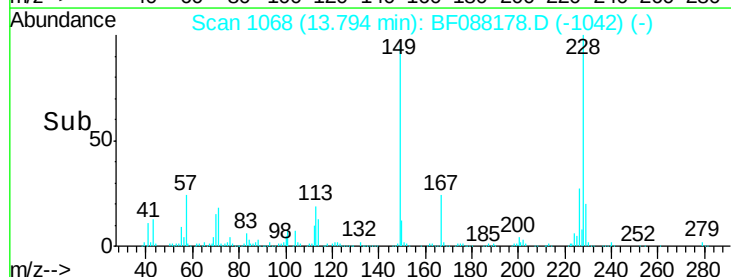
279 2.5 2.0 3.0

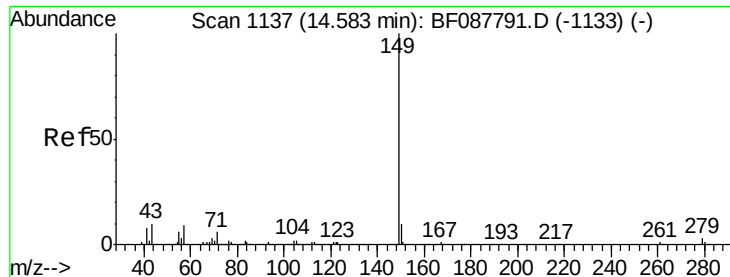


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 57.25 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

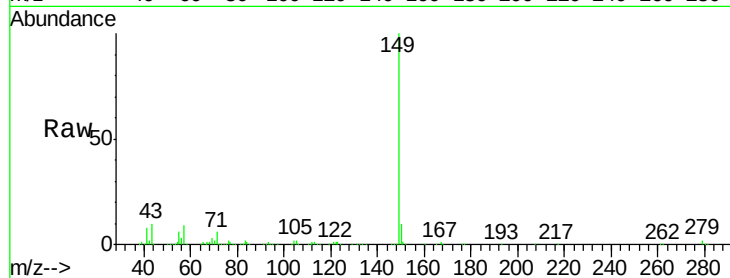
Tgt Ion:149 Resp: 848469

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

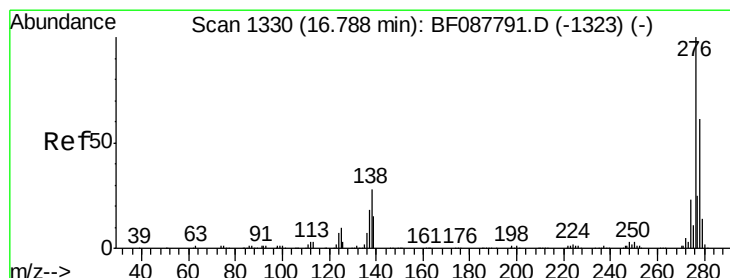
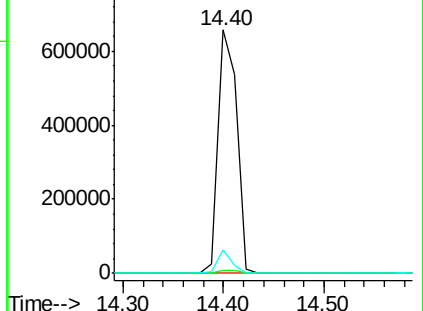
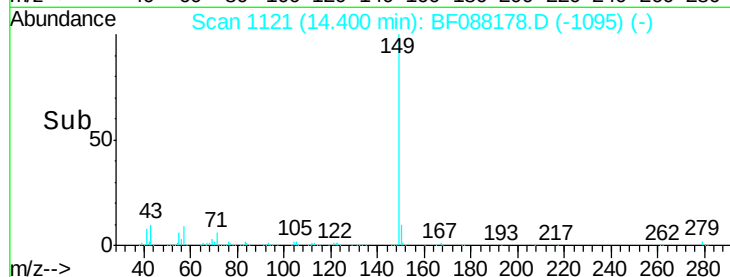
43 7.3 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.90 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

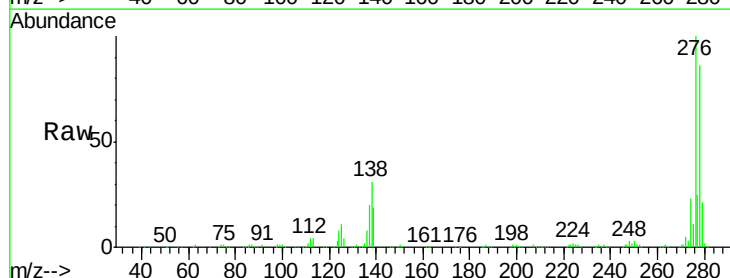
Tgt Ion:276 Resp: 476649

Ion Ratio Lower Upper

276 100

138 31.3 0.0 0.0#

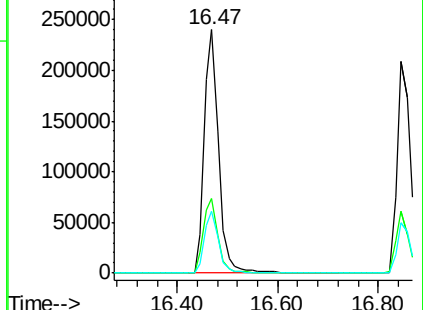
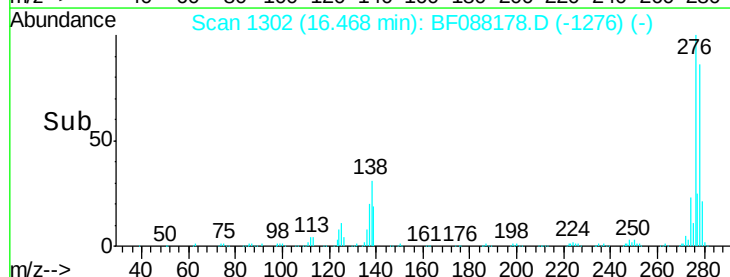
277 25.0 0.0 0.0#

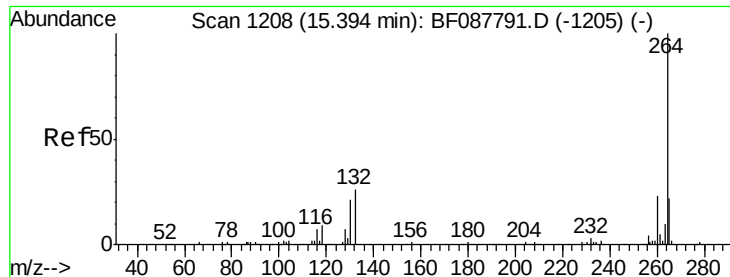


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



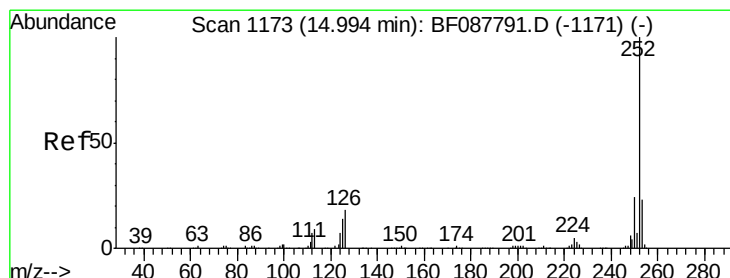
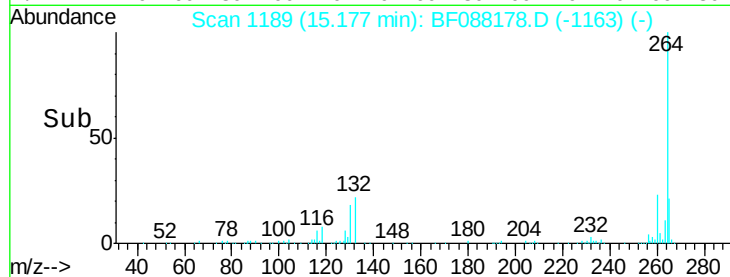
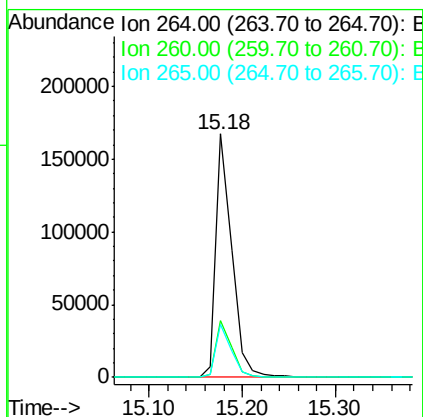
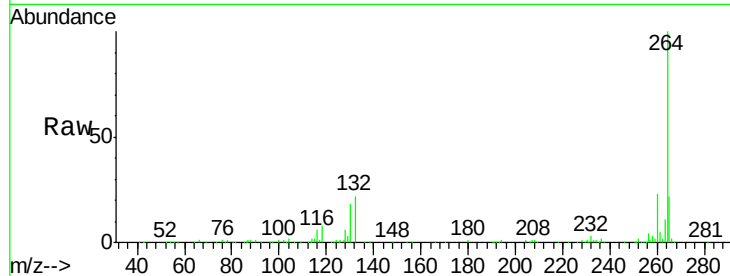


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tgt Ion: 264 Resp: 198478

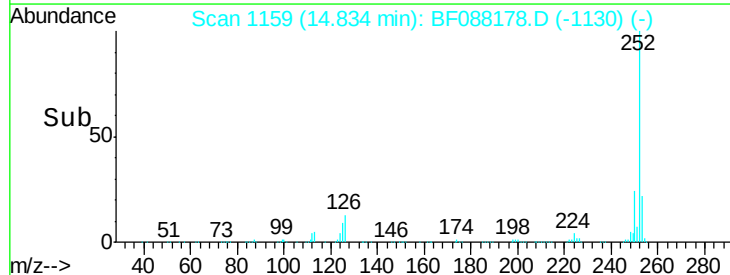
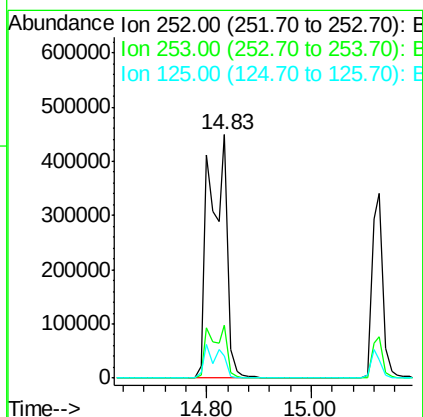
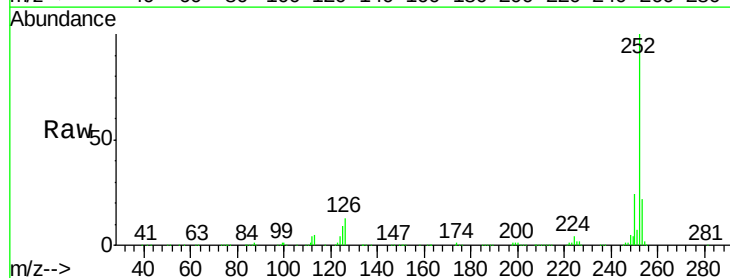
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3

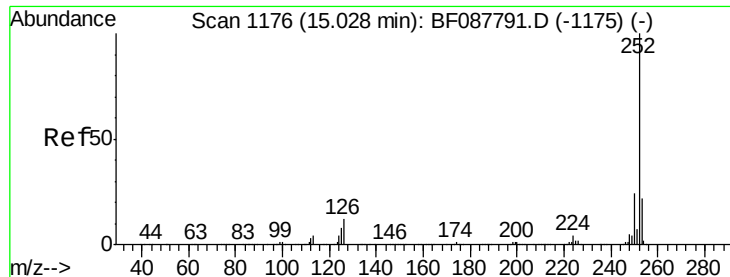


#87
Benzo(b)fluoranthene
Concen: 77.52 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion: 252 Resp: 1072344

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	8.9	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 102.76 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

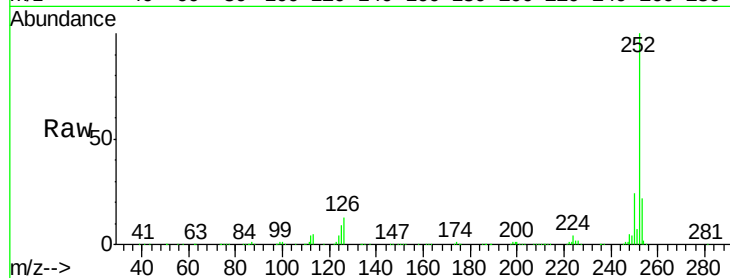
Tgt Ion:252 Resp: 1072296

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

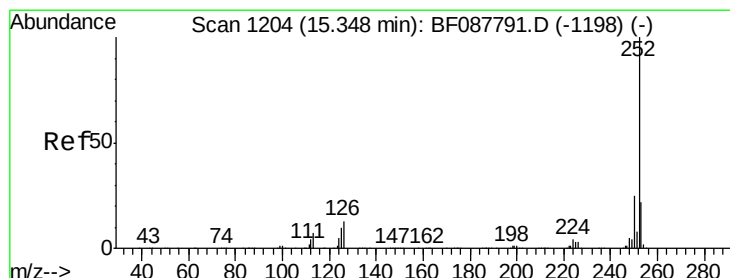
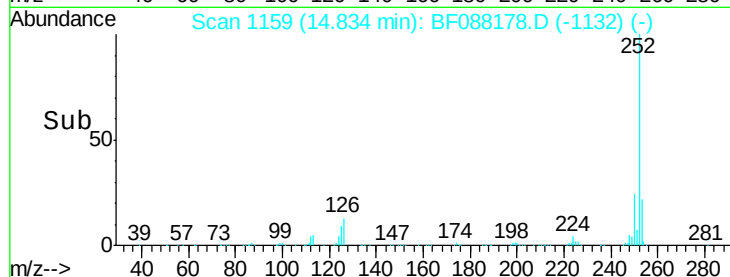
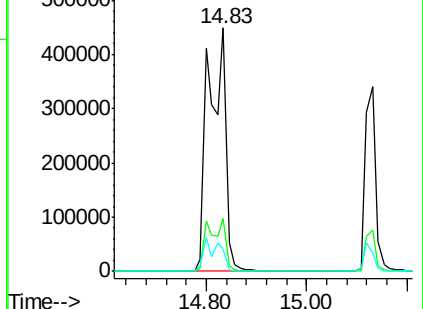
125 8.9 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 44.48 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

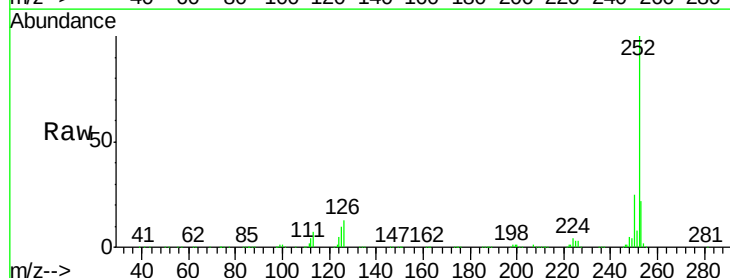
Tgt Ion:252 Resp: 497825

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

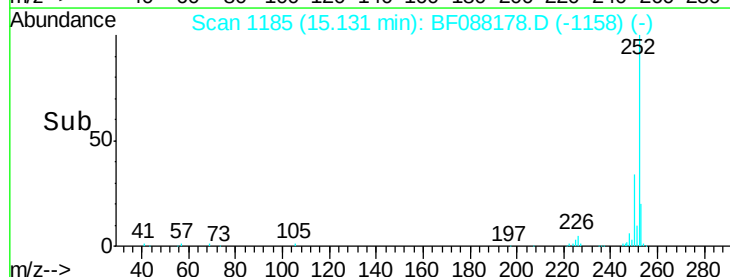
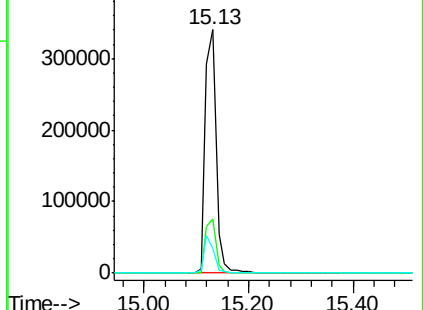
125 9.9 12.5 18.7#

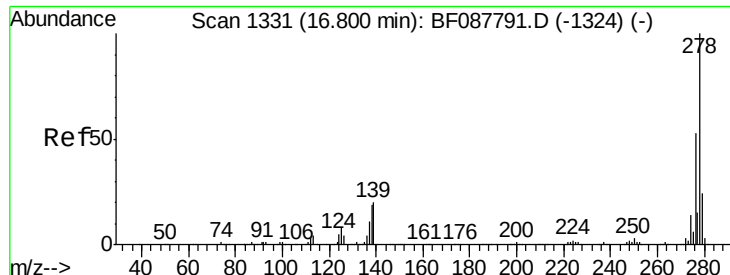


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 38.50 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

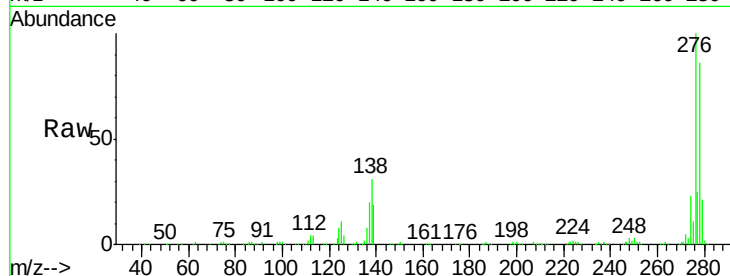
Tgt Ion:278 Resp: 400245

Ion Ratio Lower Upper

278 100

139 22.1 15.7 23.5

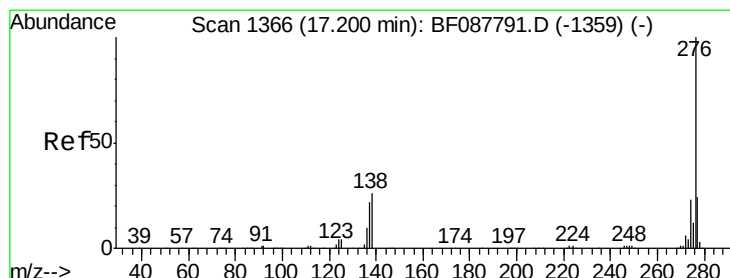
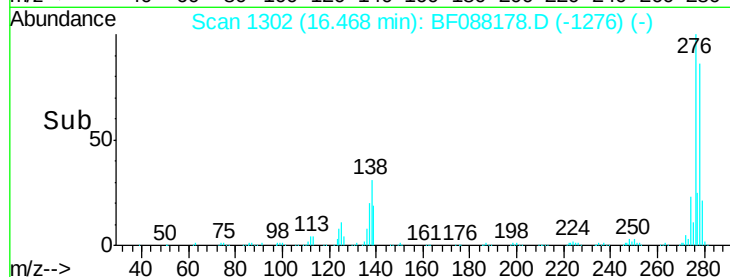
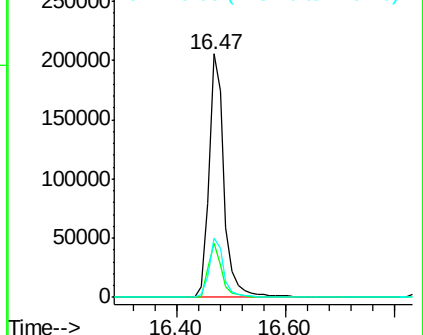
279 24.2 19.4 29.2



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: 39.43 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

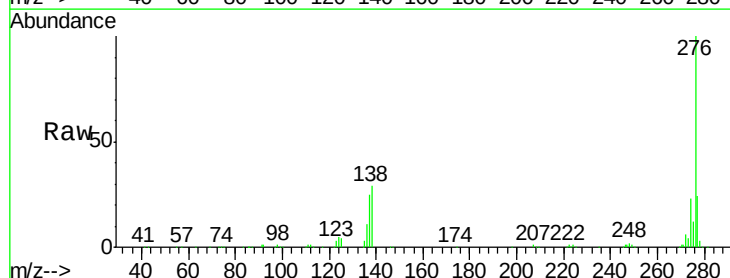
Tgt Ion:276 Resp: 421683

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 28.9 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

