

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088590.D
 Acq On : 1 Jul 2016 23:10
 Operator : UM/SJ
 Sample : PB91760BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Quant Time: Jul 02 02:18:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	492587	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	215751	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360366	20.00	ng	0.00
75) Chrysene-d12	13.94	240	228220	20.00	ng	-0.01
86) Perylene-d12	15.35	264	205102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	848510	97.42	ng	0.01
7) Phenol-d6	6.44	99	1110155	98.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	741711	78.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	218684	109.15	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1310543	95.95	ng	0.00
78) Terphenyl-d14	12.90	244	825995	80.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	130436	30.21	ng	# 30
3) Pyridine	3.15	79	194678	15.54	ng	94
4) n-Nitrosodimethylamine	3.10	42	88034	18.39	ng	90
6) Aniline	6.47	93	166906	10.18	ng	99
8) 2-Chlorophenol	6.59	128	209426	22.37	ng	94
9) Benzaldehyde	6.35	77	138251	18.14	ng	97
10) Phenol	6.46	94	277024	21.57	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	211276	22.06	ng	89
12) 1,3-Dichlorobenzene	6.98	146	199438	19.36	ng	97
13) 1,4-Dichlorobenzene	6.82	146	200015	19.56	ng	94
14) 1,2-Dichlorobenzene	6.98	146	199403	20.84	ng	95
15) Benzyl Alcohol	6.95	79	175824	21.23	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	267724	19.30	ng	90
17) 2-Methylphenol	7.06	107	159251	20.85	ng	97
18) Hexachloroethane	7.32	117	71156	17.99	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	141800	18.76	ng	94
20) 3+4-Methylphenols	7.22	107	211281	23.05	ng	# 78
22) Acetophenone	7.22	105	281747	23.57	ng	# 91
24) Nitrobenzene	7.39	77	234121	24.70	ng	92
25) Isophorone	7.63	82	407914	23.43	ng	99
26) 2-Nitrophenol	7.70	139	79239	20.39	ng	90
27) 2,4-Dimethylphenol	7.75	122	179691	22.20	ng	91
28) bis(2-Chloroethoxy)methane	7.85	93	255873	22.58	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	157552	24.08	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	158239	22.04	ng	99
31) Naphthalene	8.11	128	542933	22.36	ng	99
32) Benzoic acid	7.84	122	77697	13.22	ng	91
33) 4-Chloroaniline	8.16	127	82193	7.61	ng	99
34) Hexachlorobutadiene	8.24	225	90772	23.61	ng	98
35) Caprolactam	8.51	113	27619	12.43	ng	# 68
36) 4-Chloro-3-methylphenol	8.65	107	164336	21.24	ng	88
37) 2-Methylnaphthalene	8.81	142	357097	22.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	146496	20.41	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	84581	24.01	ng	99

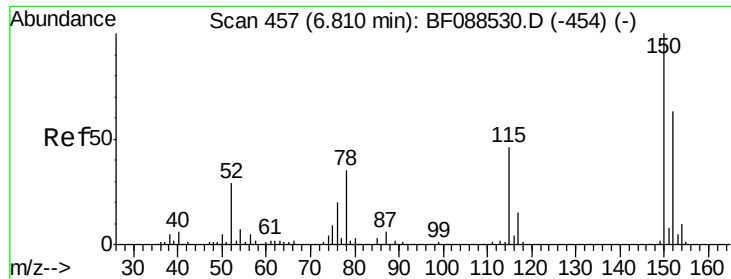
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088590.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	117561	24.85	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	95293	23.41	ng	# 89
45) 1,1'-Biphenyl	9.27	154	415037	23.23	ng	98
46) 2-Chloronaphthalene	9.29	162	314377	22.41	ng	99
47) 2-Nitroaniline	9.38	65	105628	21.22	ng	97
48) Acenaphthylene	9.70	152	492026	22.05	ng	100
49) Dimethylphthalate	9.56	163	374685	24.38	ng	99
50) 2,6-Dinitrotoluene	9.63	165	78382	23.01	ng	90
51) Acenaphthene	9.87	154	294461	21.53	ng	98
52) 3-Nitroaniline	9.79	138	80789	18.66	ng	93
53) 2,4-Dinitrophenol	9.90	184	22507	14.96	ng	90
54) Dibenzofuran	10.04	168	423910	23.68	ng	# 89
55) 4-Nitrophenol	9.95	139	169757	51.58	ng	98
56) 2,4-Dinitrotoluene	10.02	165	90816	20.39	ng	# 35
57) Fluorene	10.39	166	310494	22.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72927	23.16	ng	# 53
59) Diethylphthalate	10.27	149	403100	26.13	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	157447	24.56	ng	92
61) 4-Nitroaniline	10.40	138	73837	17.72	ng	93
62) Azobenzene	10.55	77	439184	24.96	ng	94
64) 4,6-Dinitro-2-methylphenol	10.43	198	12288	6.38	ng	# 66
65) n-Nitrosodiphenylamine	10.50	169	308981	25.33	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	88393	24.34	ng	# 72
67) Hexachlorobenzene	10.94	284	92385	22.98	ng	94
68) Atrazine	11.03	200	91655	24.12	ng	93
69) Pentachlorophenol	11.13	266	134566	56.56	ng	98
70) Phenanthrene	11.35	178	474518	24.09	ng	98
71) Anthracene	11.39	178	439048	22.41	ng	99
72) Carbazole	11.55	167	426243	23.12	ng	97
73) Di-n-butylphthalate	11.90	149	546175	25.47	ng	# 97
74) Fluoranthene	12.52	202	408734	20.47	ng	98
76) Benzidine	12.65	184	388482	33.68	ng	99
77) Pyrene	12.75	202	411045	21.24	ng	99
79) Butylbenzylphthalate	13.38	149	202486	23.46	ng	88
80) Benzo(a)anthracene	13.93	228	322915	21.97	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	105317	19.06	ng	# 94
82) Chrysene	13.98	228	322815	22.20	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	260557	26.44	ng	98
84) Di-n-octyl phthalate	14.55	149	444457	26.55	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	250252	22.37	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	559673	43.50	ng	# 96
88) Benzo(k)fluoranthene	14.95	252	559673	49.97	ng	99
89) Benzo(a)pyrene	15.29	252	252841	23.21	ng	# 94
90) Dibenzo(a,h)anthracene	16.71	278	213438	23.46	ng	98
91) Benzo(g,h,i)perylene	17.10	276	202479	21.51	ng	97

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

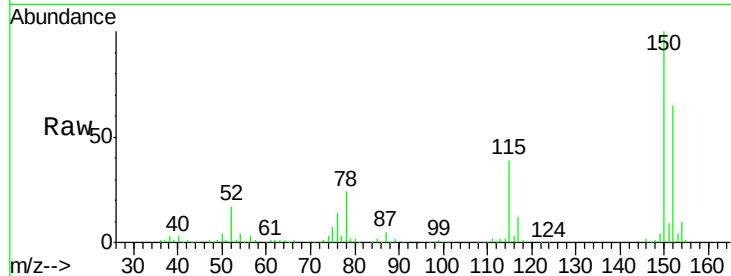


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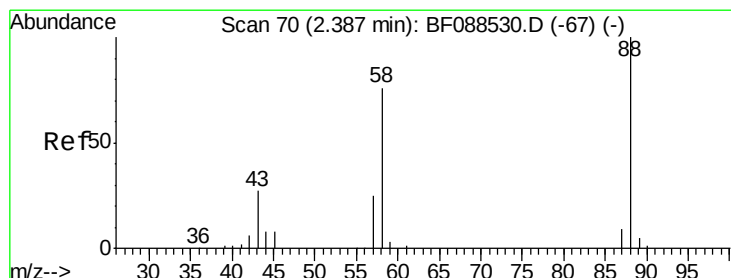
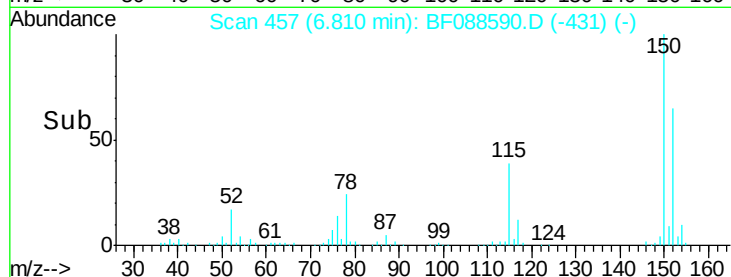
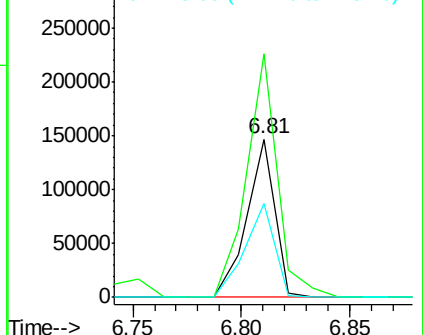
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:152 Resp: 130535
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 59.5 39.6 59.4#



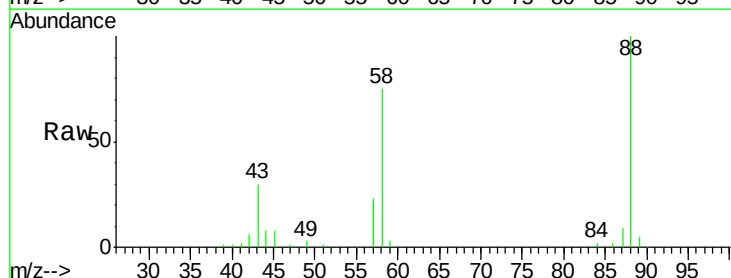
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



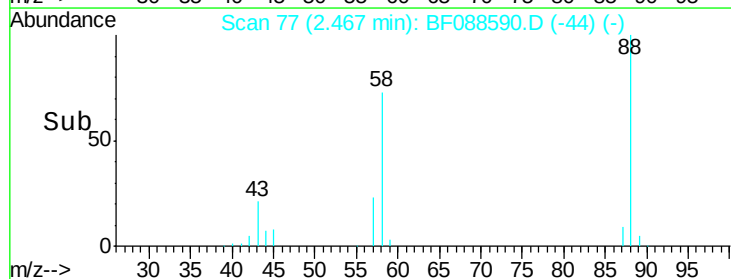
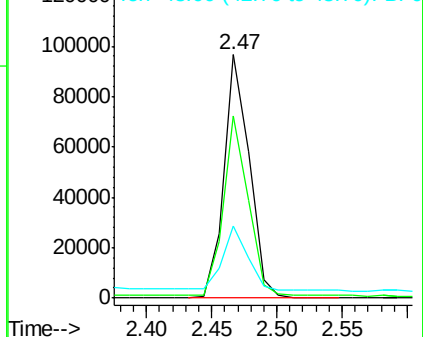
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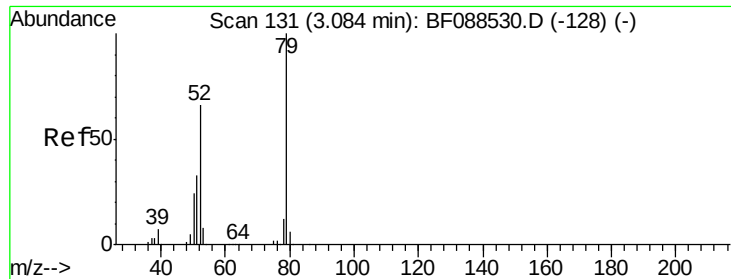
1,4-Dioxane
Concen: 30.21 ng
RT: 2.47 min Scan# 77
Delta R.T. 0.08 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion: 88 Resp: 130436
Ion Ratio Lower Upper
88 100
58 73.4 0.0 0.0#
43 27.3 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: 15.54 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

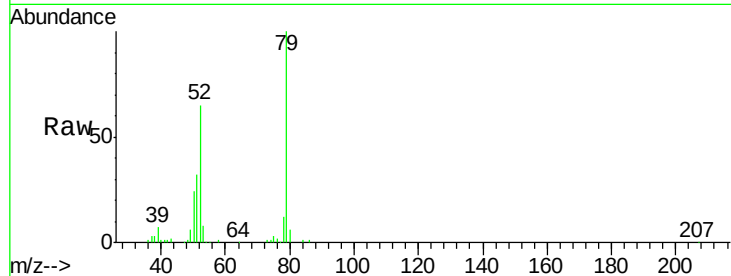
Tgt Ion: 79 Resp: 194678

Ion Ratio Lower Upper

79 100

52 64.8 56.3 84.5

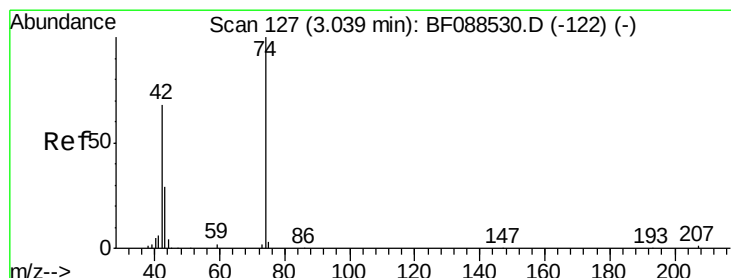
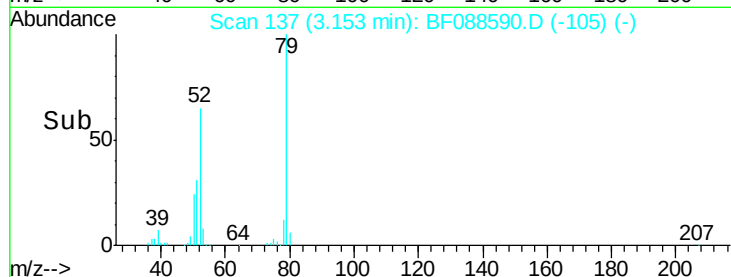
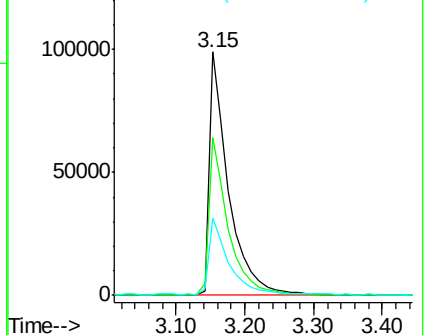
51 31.8 27.4 41.2



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: 18.39 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.06 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

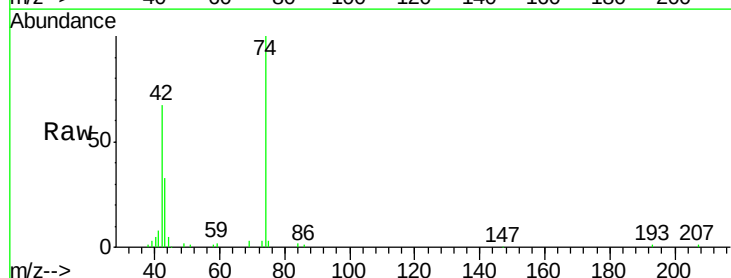
Tgt Ion: 42 Resp: 88034

Ion Ratio Lower Upper

42 100

74 148.5 108.6 163.0

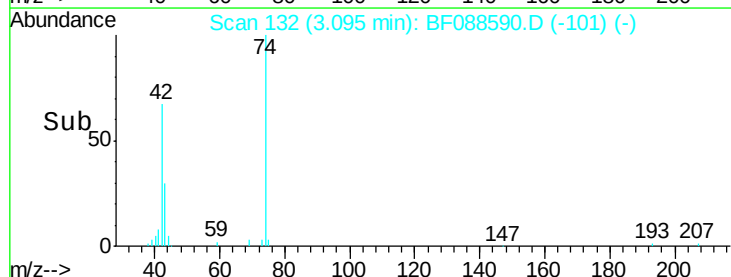
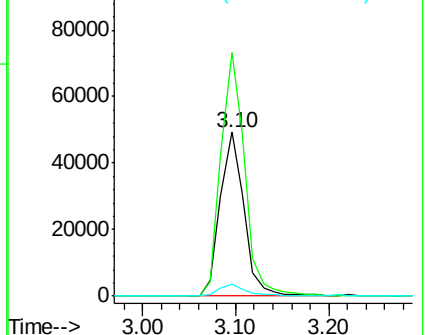
44 7.4 5.5 8.3

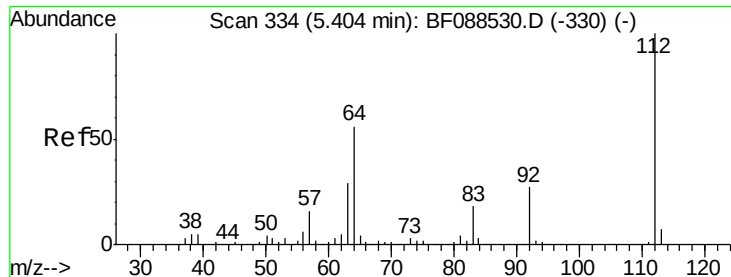


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.42 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

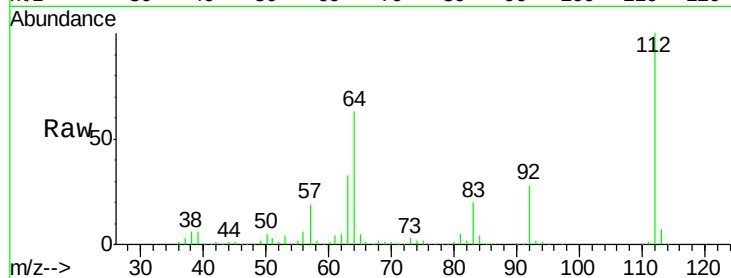
Tgt Ion: 112 Resp: 848510

Ion Ratio Lower Upper

112 100

64 62.6 42.2 63.2

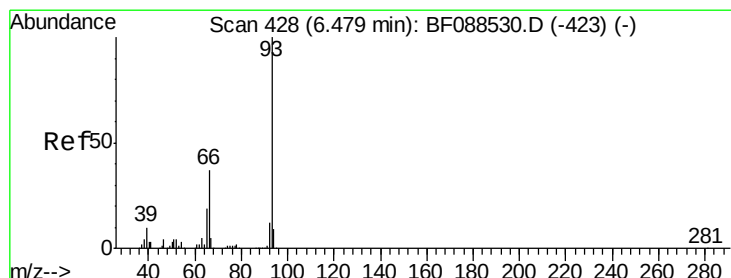
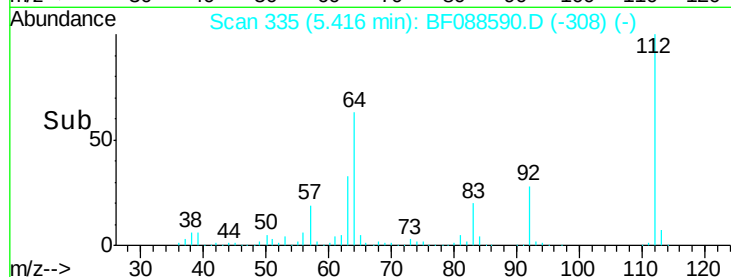
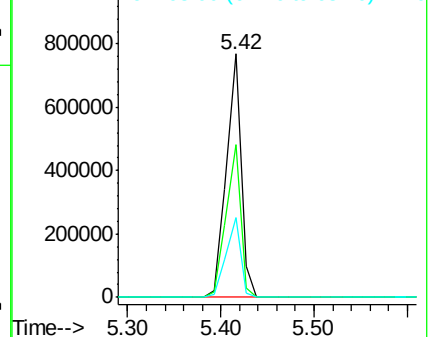
63 32.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.18 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

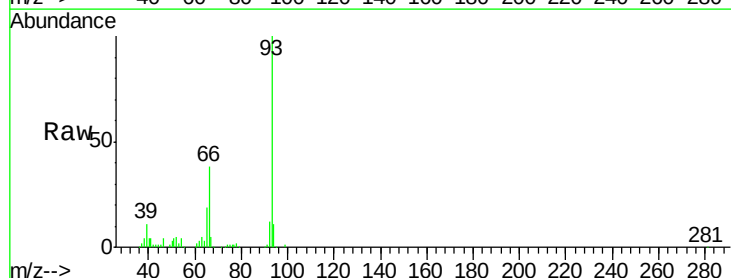
Tgt Ion: 93 Resp: 166906

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.8

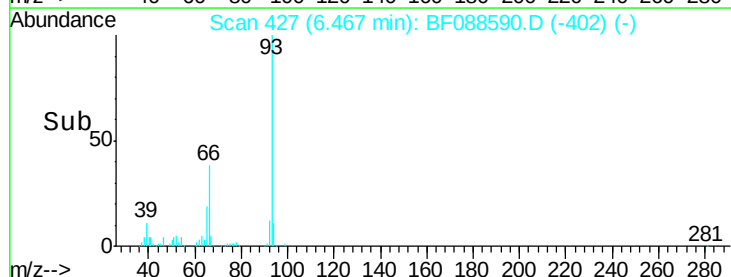
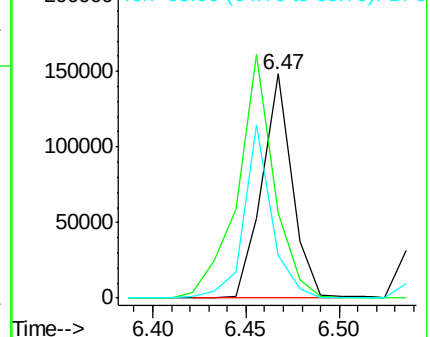
65 18.8 14.9 22.3

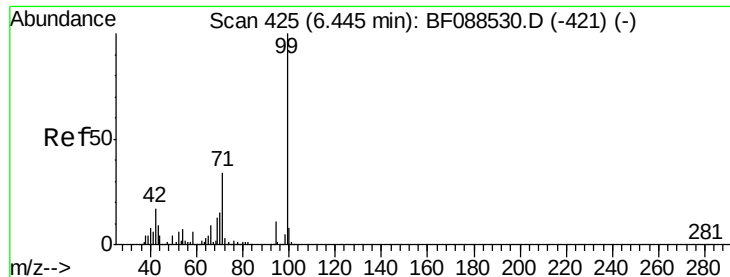


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.64 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

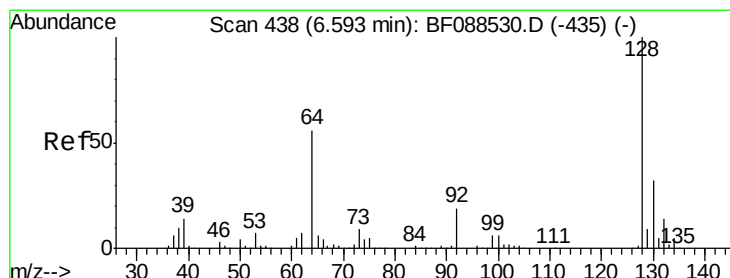
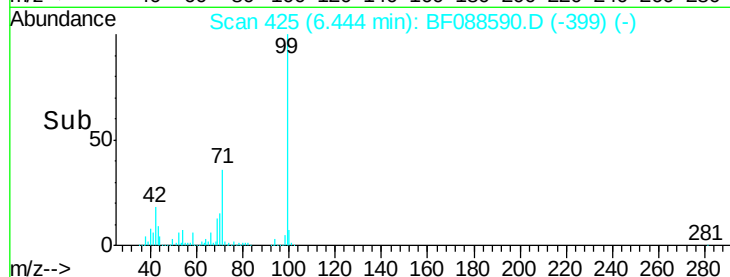
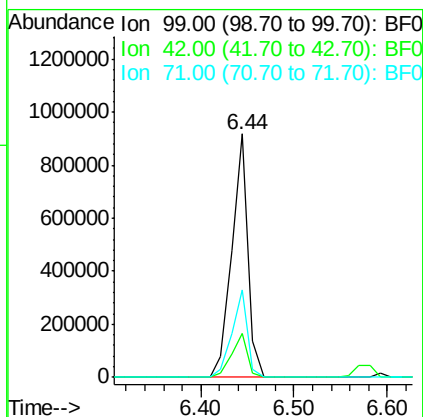
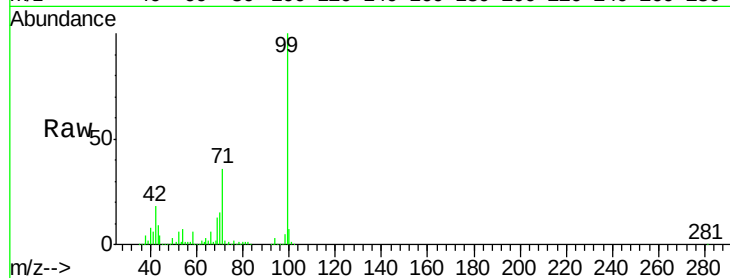
Tgt Ion: 99 Resp: 1110155

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 35.9 23.4 35.0#



#8

2-Chlorophenol

Concen: 22.37 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

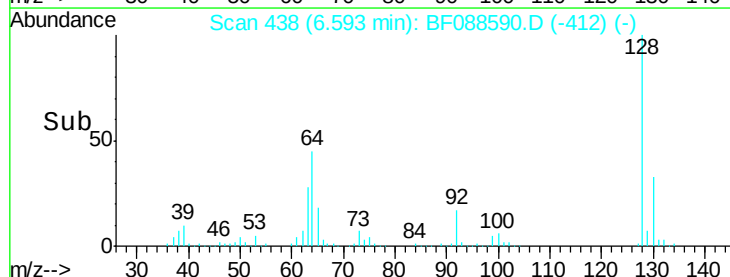
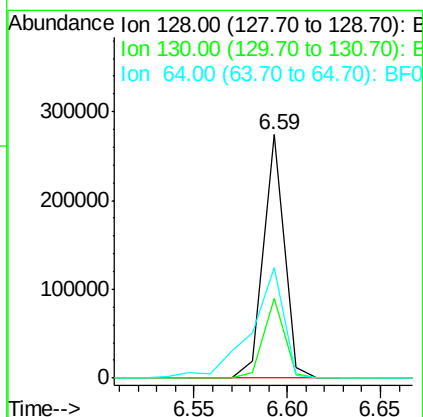
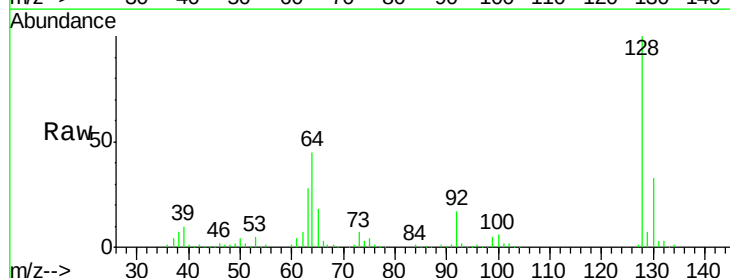
Tgt Ion: 128 Resp: 209426

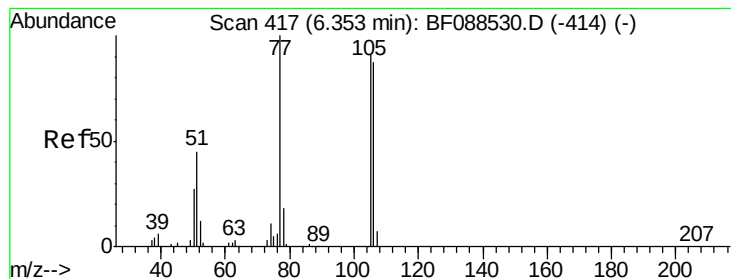
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 45.3 30.8 70.8





#9

Benzaldehyde

Concen: 18.14 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

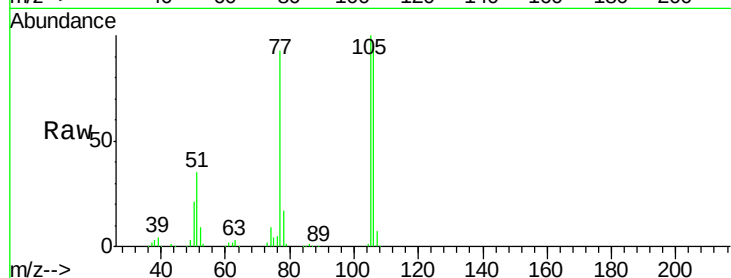
Tgt Ion: 77 Resp: 138251

Ion Ratio Lower Upper

77 100

105 107.8 90.6 130.6

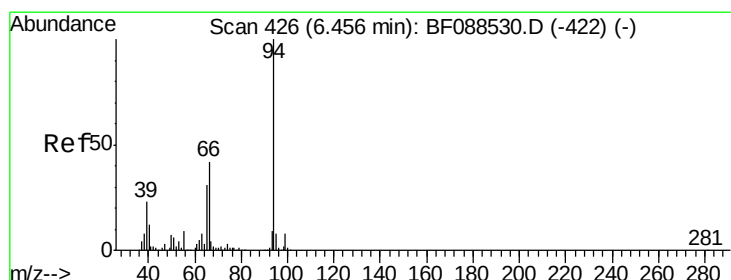
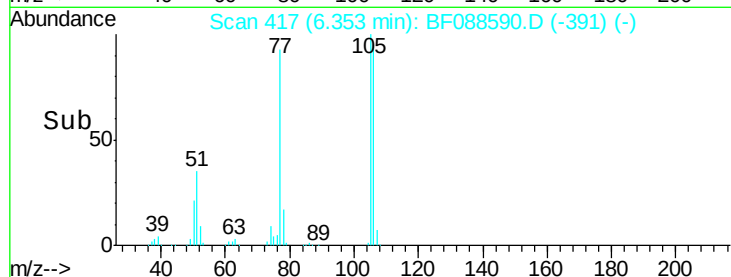
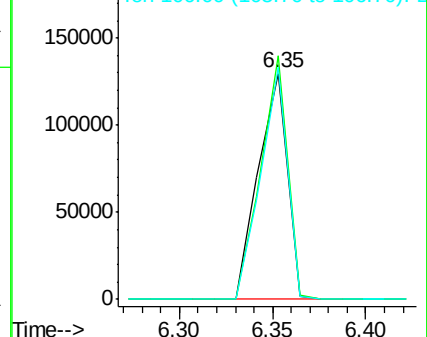
106 102.8 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 21.57 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

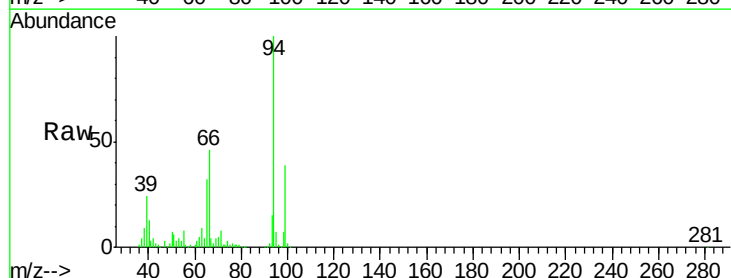
Tgt Ion: 94 Resp: 277024

Ion Ratio Lower Upper

94 100

65 32.5 5.9 45.9

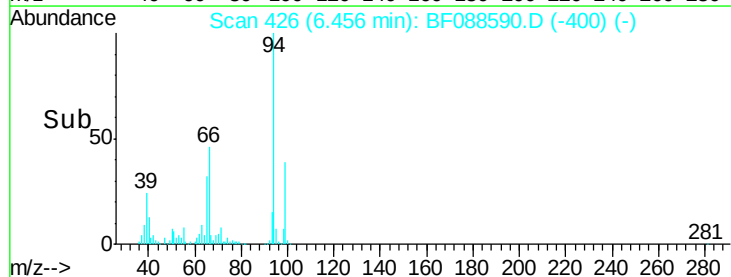
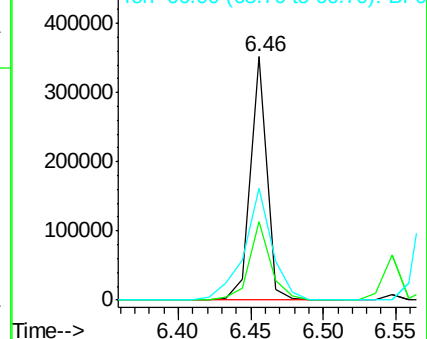
66 45.8 14.0 54.0

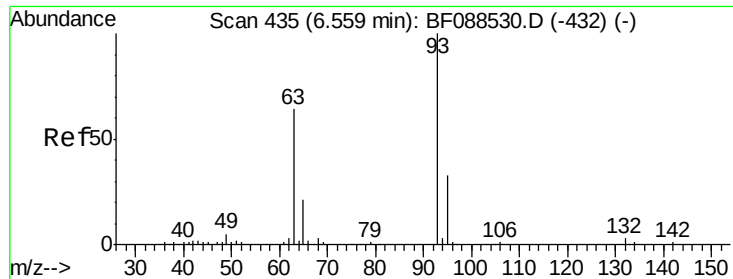


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

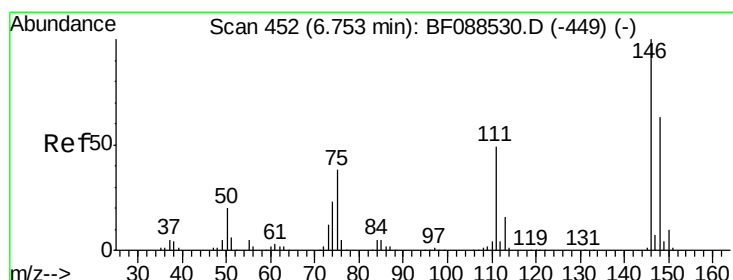
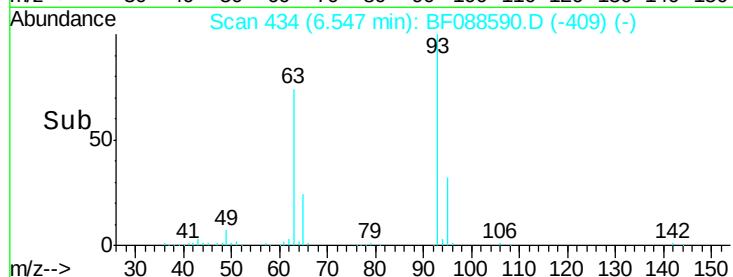
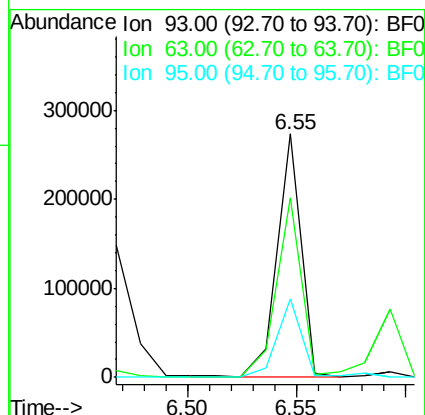
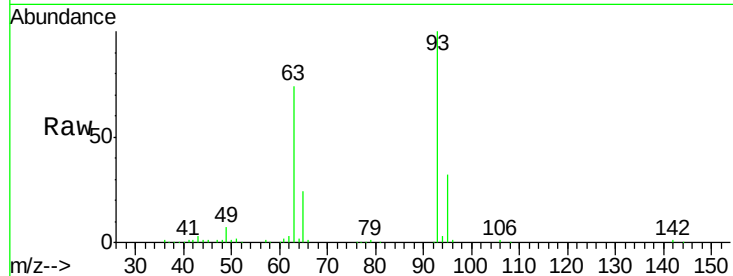




#11
bis(2-Chloroethyl)ether
Concen: 22.06 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

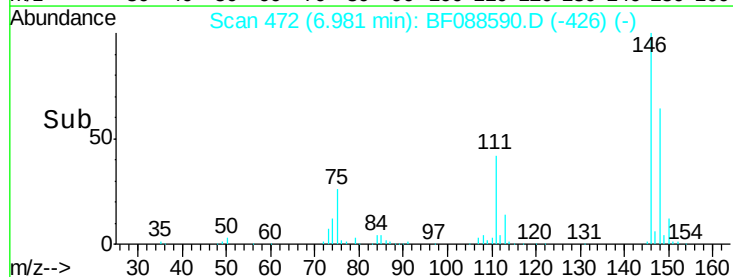
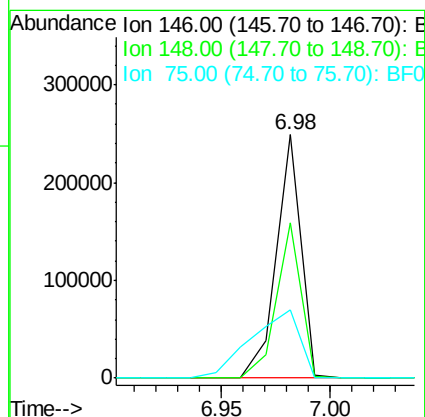
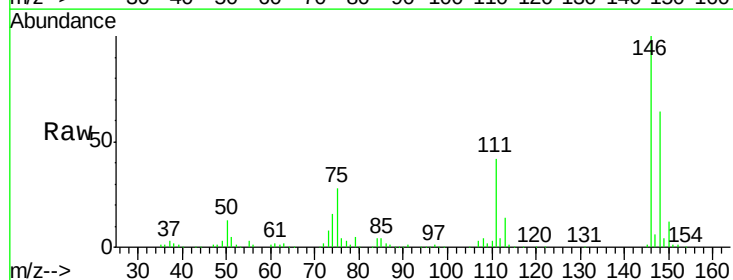
Instrument :
BNA_F
ClientSampleId :
PB91760BS

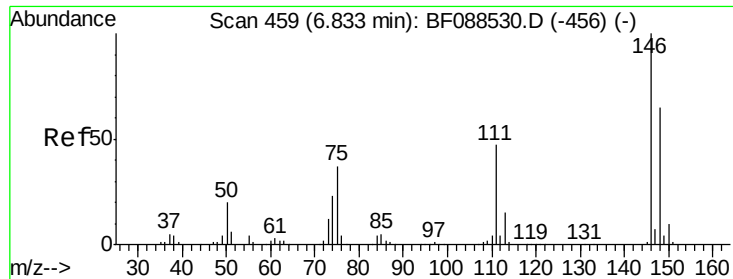
Tgt Ion: 93 Resp: 211276
Ion Ratio Lower Upper
93 100
63 73.7 67.6 107.6
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 19.36 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.23 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion: 146 Resp: 199438
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 28.1 25.6 38.4

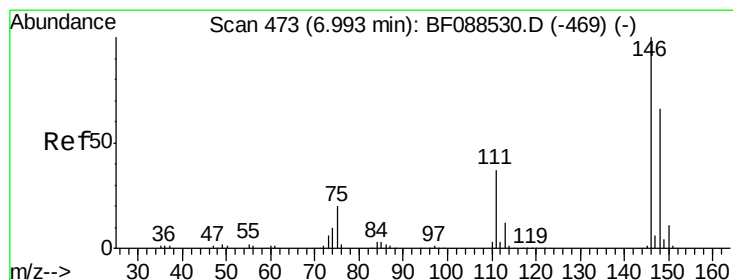
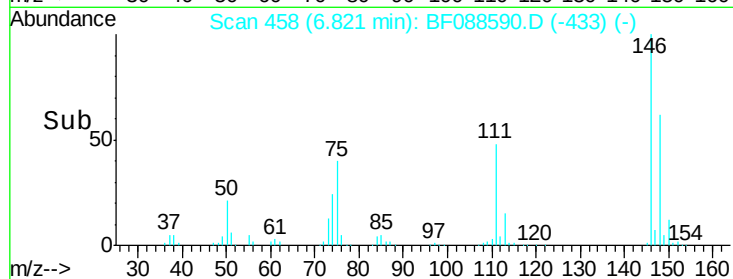
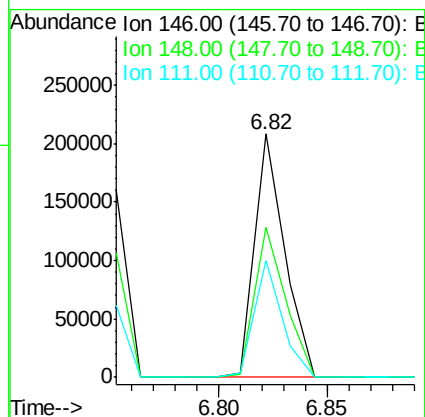
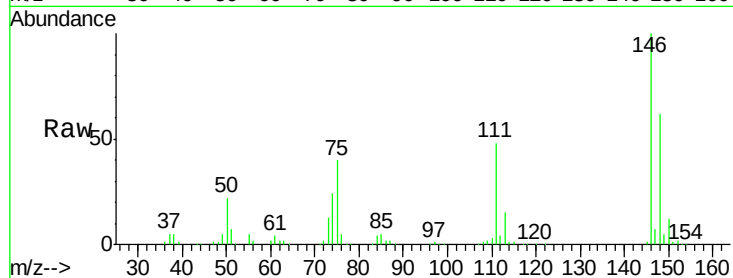




#13
 1,4-Dichlorobenzene
 Concen: 19.56 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

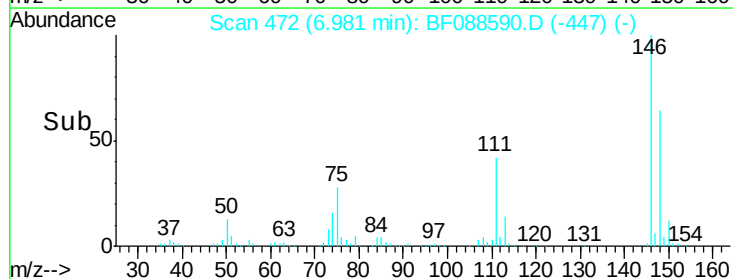
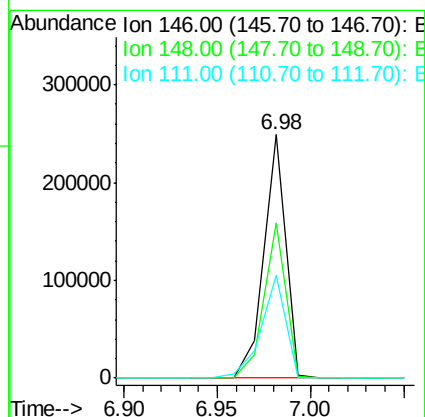
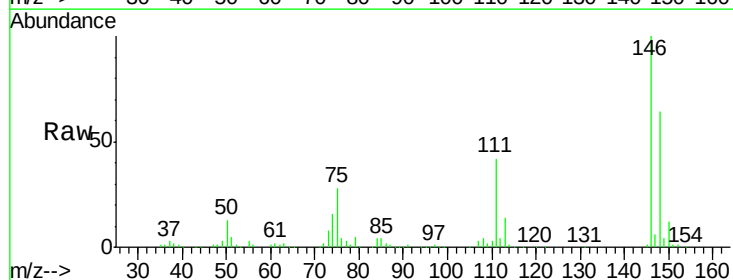
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

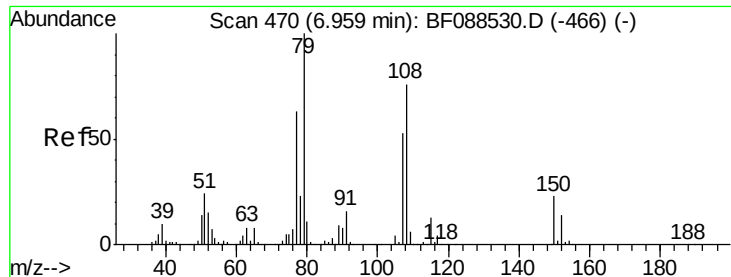
Tgt Ion:146 Resp: 200015
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.0 78.0
 111 47.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 20.84 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:146 Resp: 199403
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 42.3 28.7 43.1





#15

Benzyl Alcohol

Concen: 21.23 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

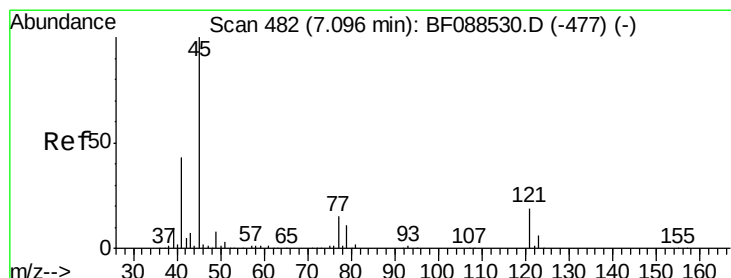
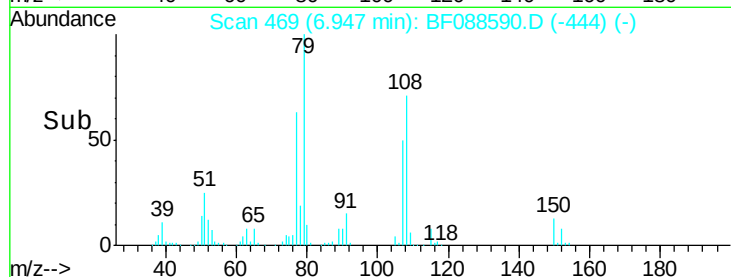
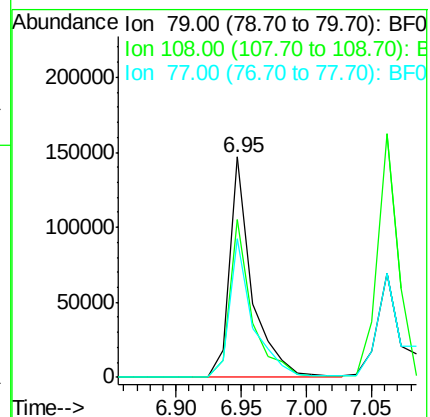
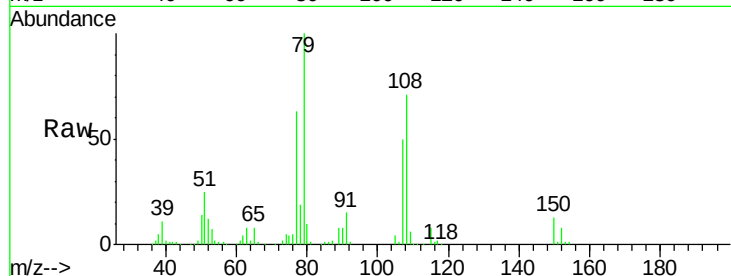
Tgt Ion: 79 Resp: 175824

Ion Ratio Lower Upper

79 100

108 71.4 65.0 97.6

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.30 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

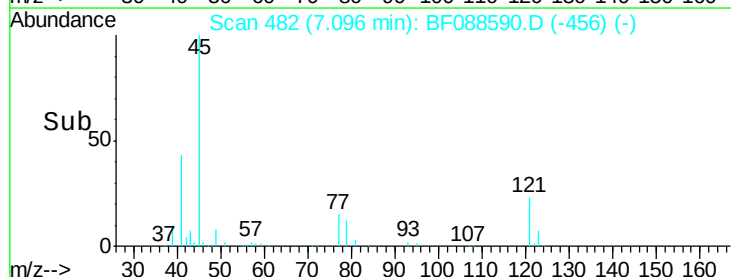
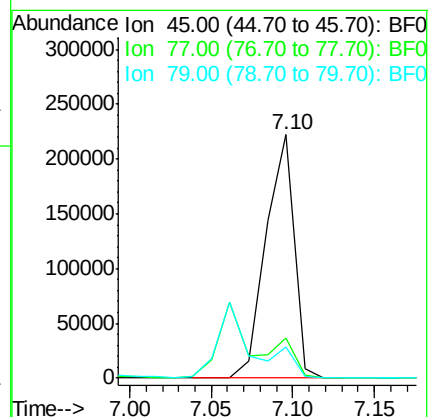
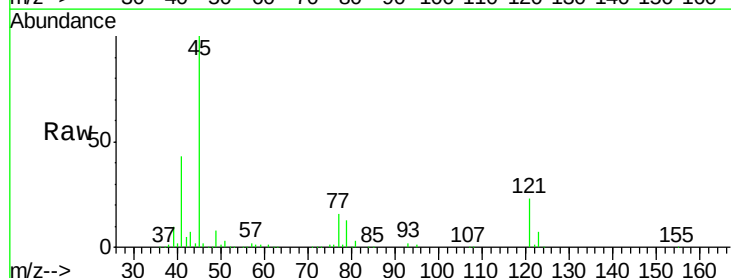
Tgt Ion: 45 Resp: 267724

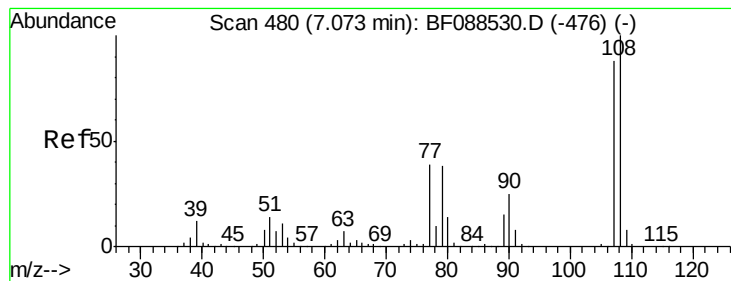
Ion Ratio Lower Upper

45 100

77 16.5 0.0 32.5

79 12.9 0.0 29.5

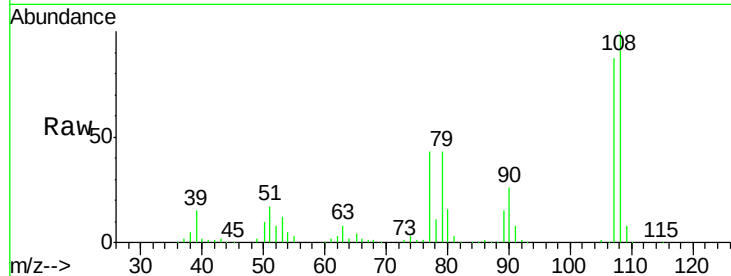




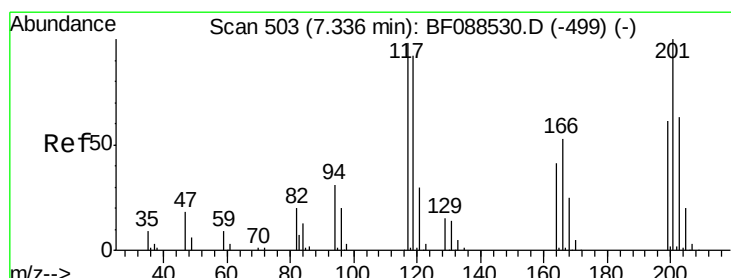
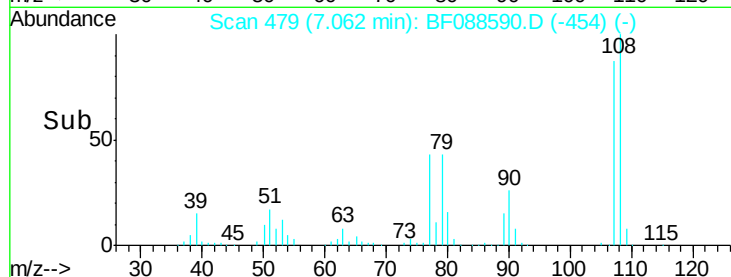
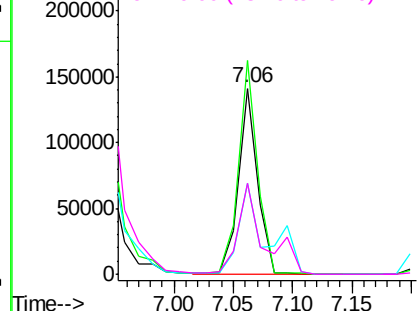
#17
2-Methylphenol
Concen: 20.85 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampled :
PB91760BS

Tgt Ion:	107	Resp:	159251
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	48.8	36.6	55.0
79	49.2	36.5	54.7

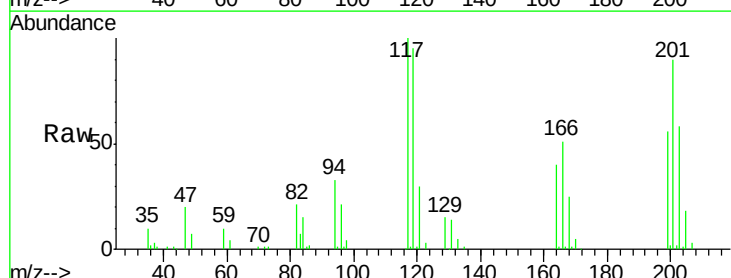


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

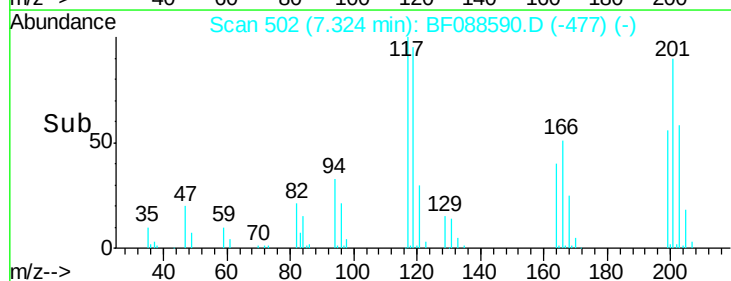
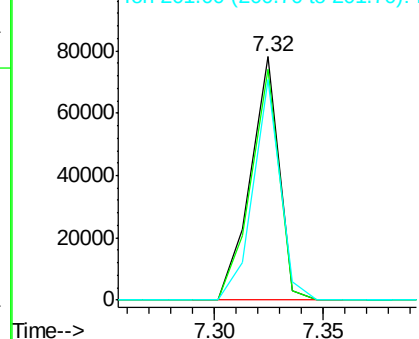


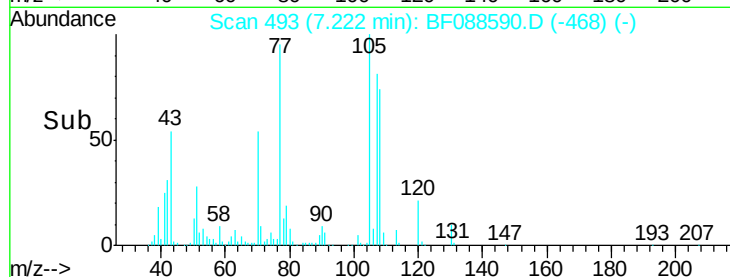
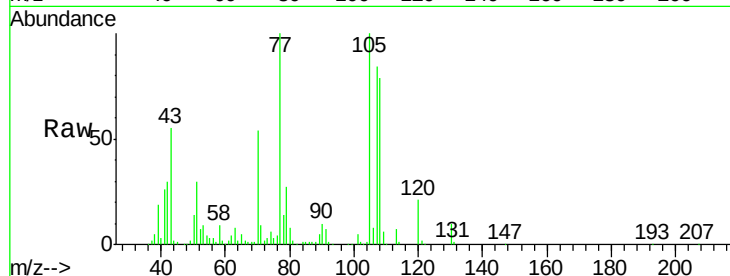
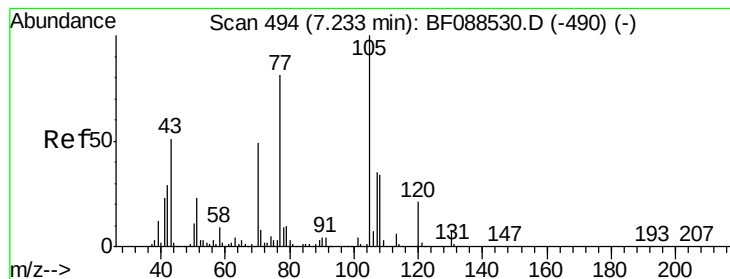
#18
Hexachloroethane
Concen: 17.99 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:	117	Resp:	71156
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.2
201	90.4	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: 18.76 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion: 70 Resp: 141800

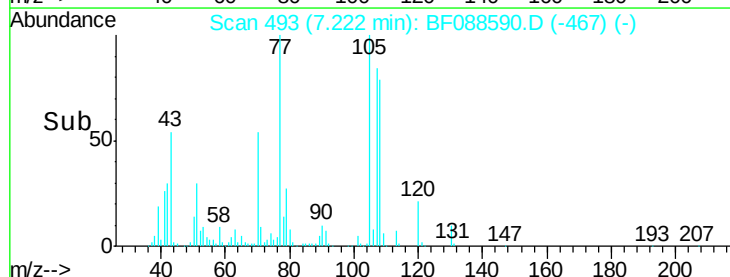
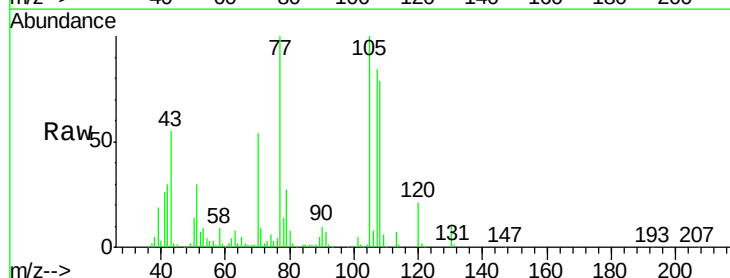
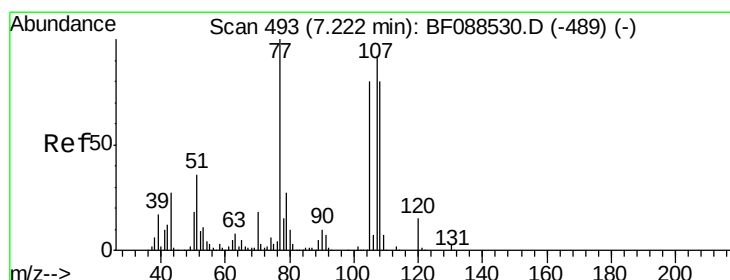
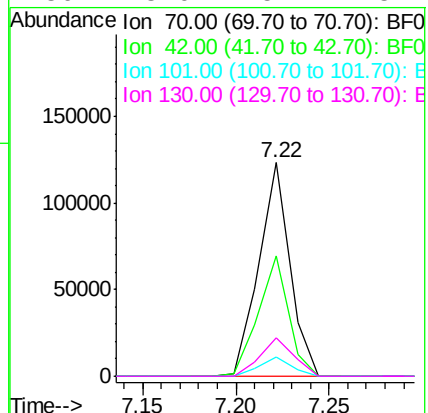
Ion Ratio Lower Upper

70 100

42 56.4 49.6 74.4

101 9.0 7.1 10.7

130 18.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 23.05 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion: 107 Resp: 211281

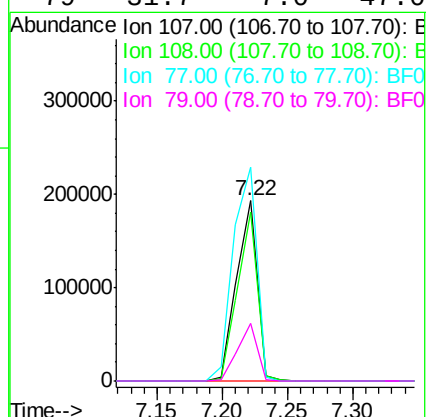
Ion Ratio Lower Upper

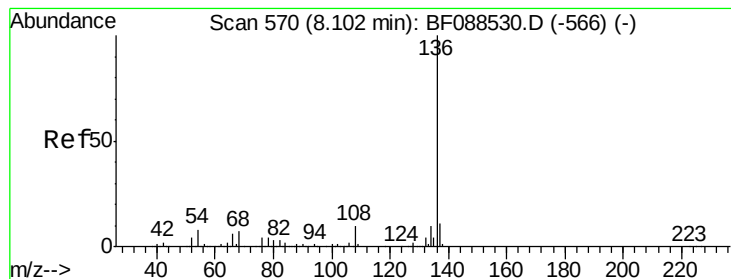
107 100

108 93.5 67.8 107.8

77 118.4 59.3 99.3#

79 31.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:136 Resp: 492587

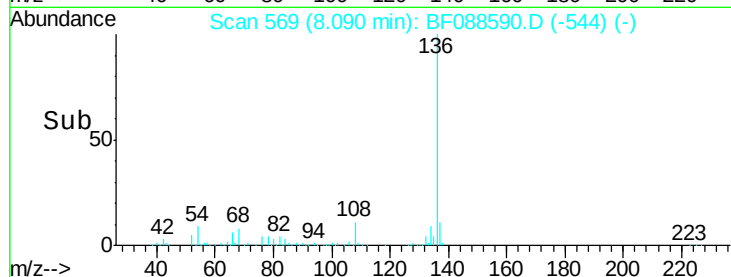
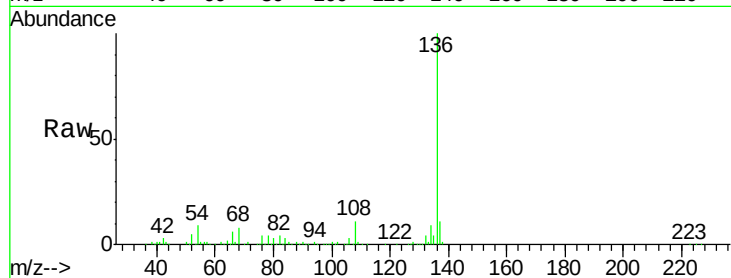
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.4 6.6 10.0

68 8.0 5.1 7.7#

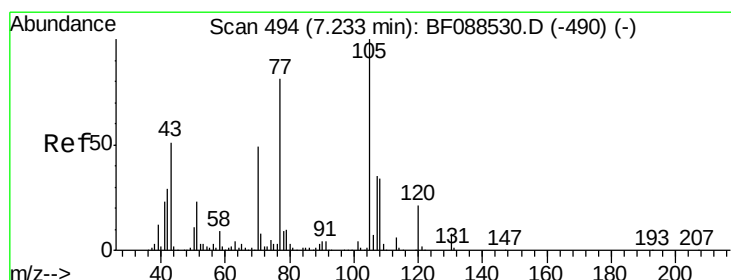
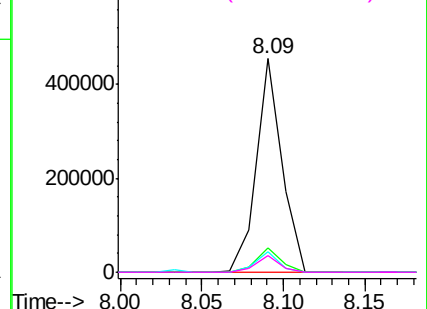


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 23.57 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:105 Resp: 281747

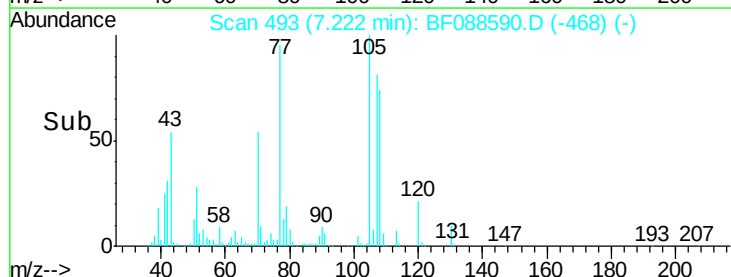
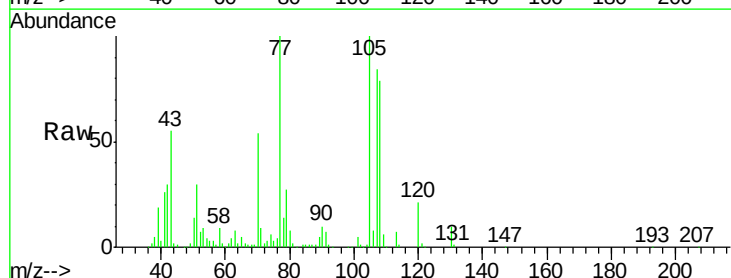
Ion Ratio Lower Upper

105 100

71 9.2 5.3 7.9#

51 30.3 18.2 27.4#

120 20.7 18.0 27.0

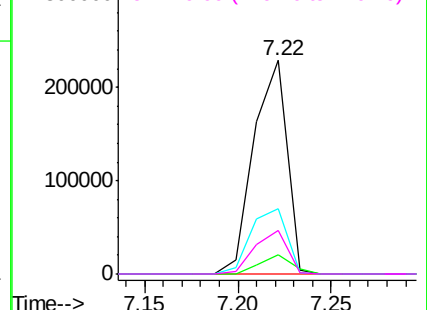


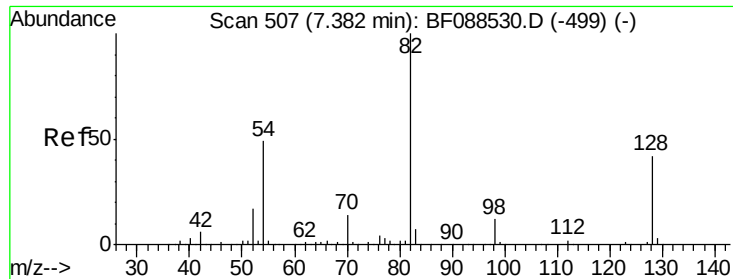
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

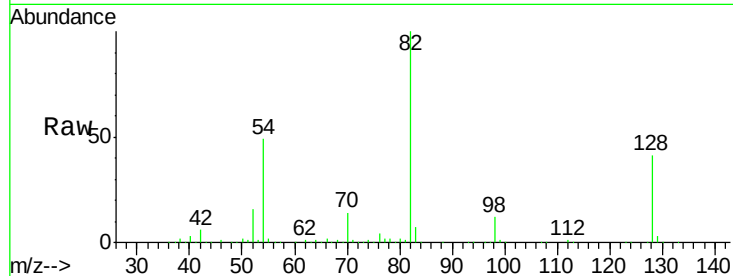




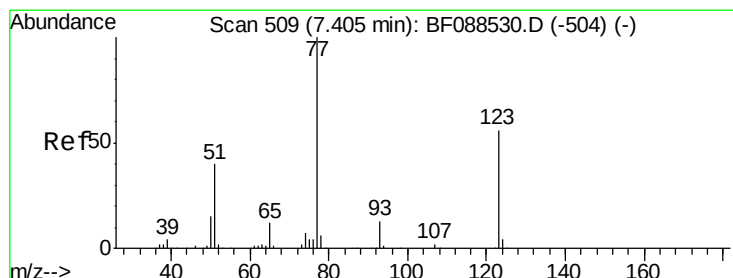
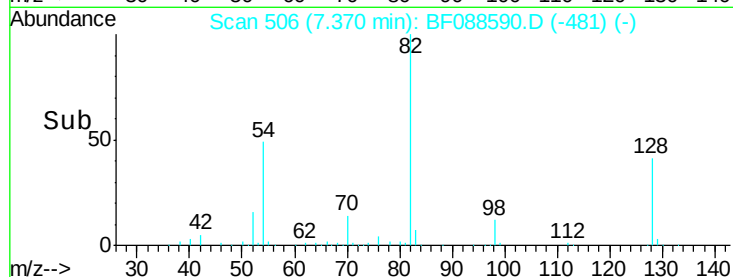
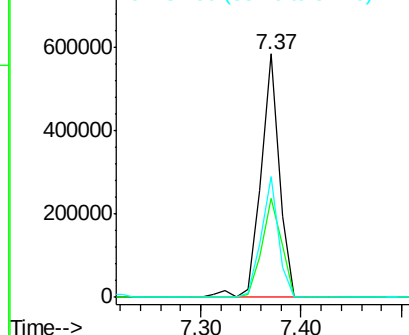
#23
Nitrobenzene-d5
Concen: 78.91 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion: 82 Resp: 741711
Ion Ratio Lower Upper
82 100
128 40.8 35.9 53.9
54 49.4 40.9 61.3

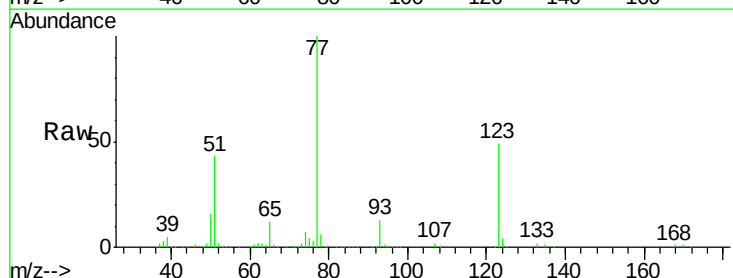


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

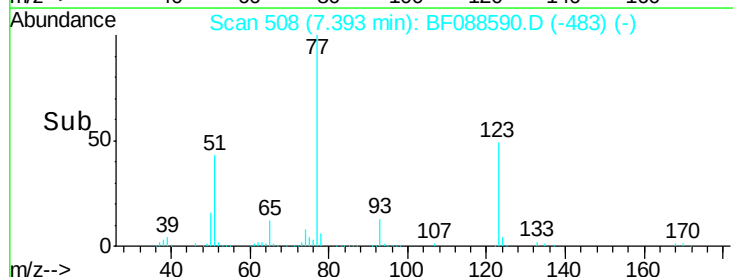
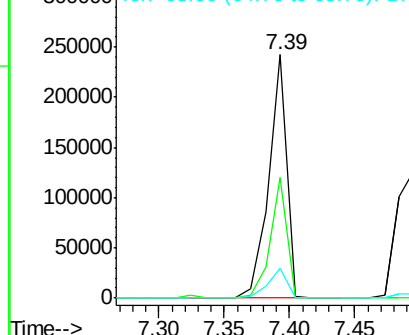


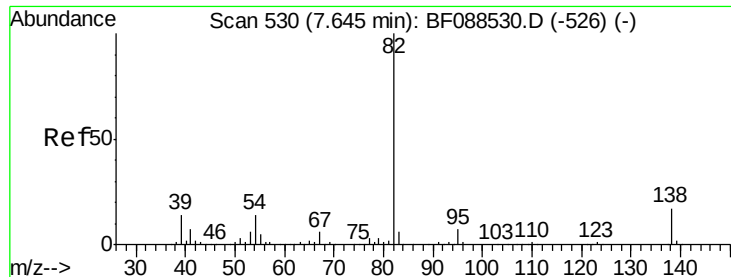
#24
Nitrobenzene
Concen: 24.70 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion: 77 Resp: 234121
Ion Ratio Lower Upper
77 100
123 49.5 45.0 67.4
65 12.2 10.2 15.2



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





#25

Isophorone

Concen: 23.43 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

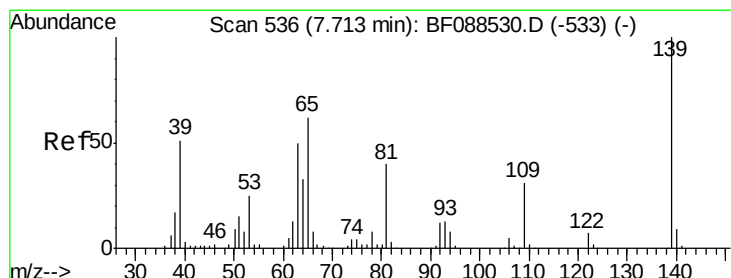
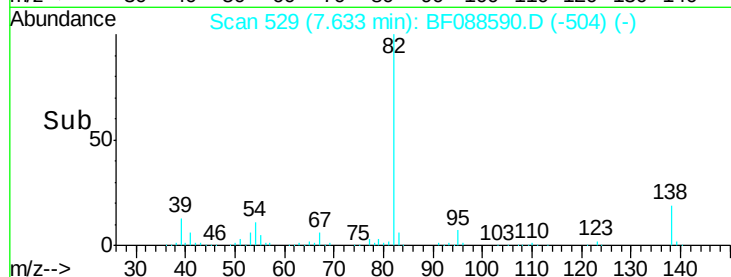
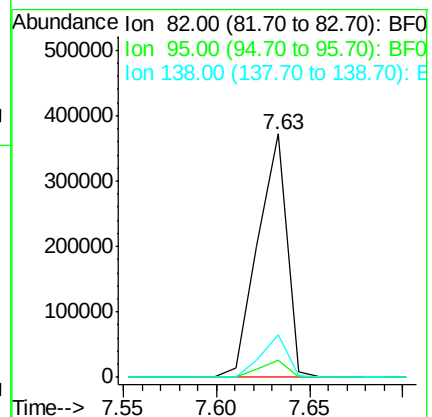
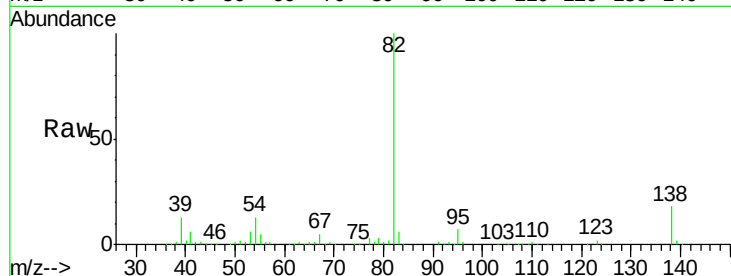
Tgt Ion: 82 Resp: 407914

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 17.6 14.6 21.8



#26

2-Nitrophenol

Concen: 20.39 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

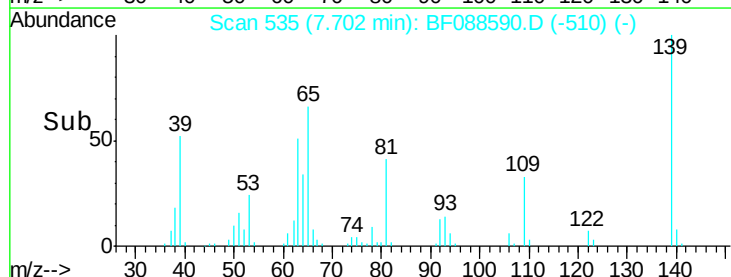
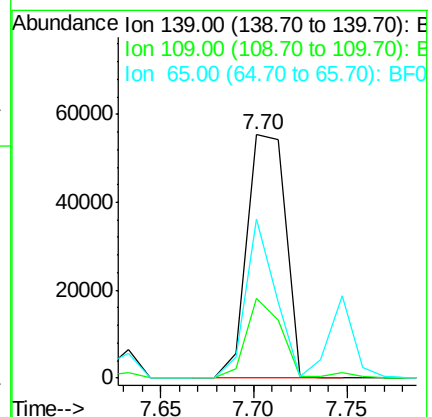
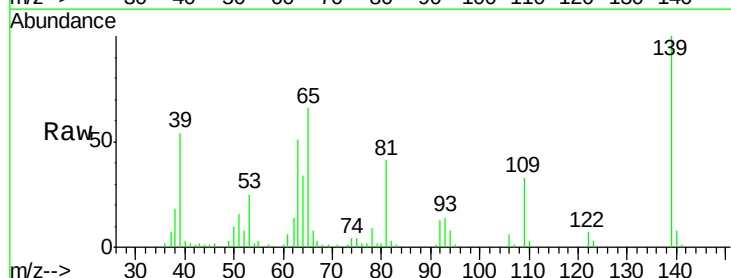
Tgt Ion: 139 Resp: 79239

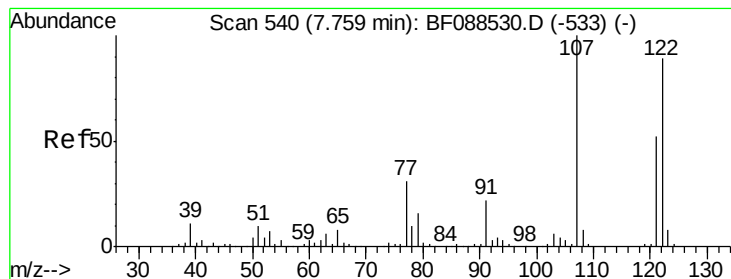
Ion Ratio Lower Upper

139 100

109 32.7 23.0 34.4

65 65.5 45.8 68.8

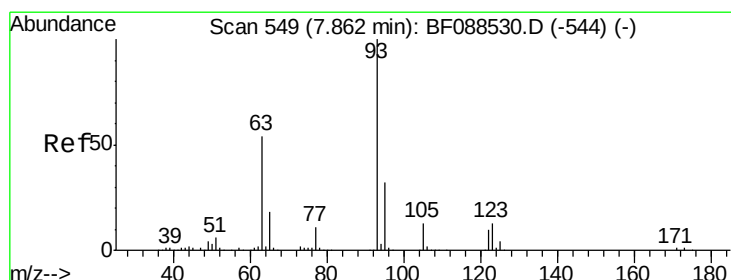
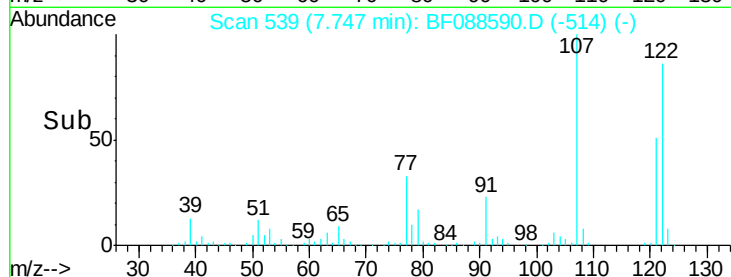
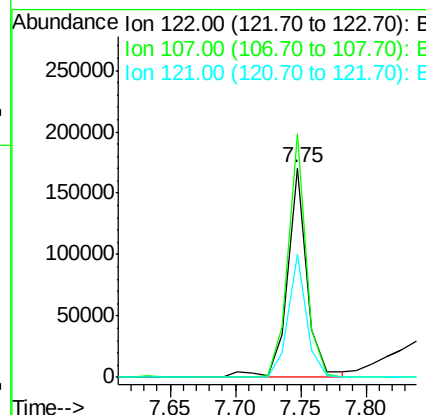
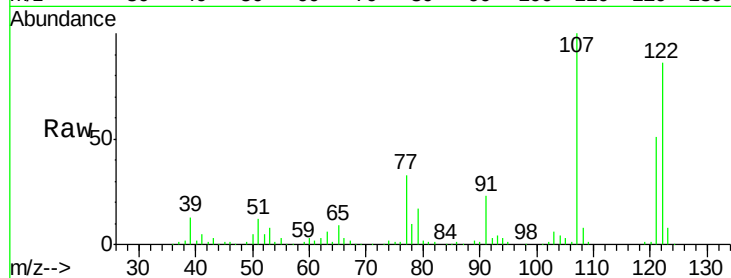




#27
 2,4-Dimethylphenol
 Concen: 22.20 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

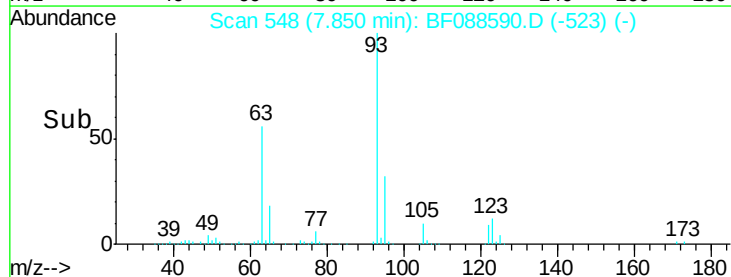
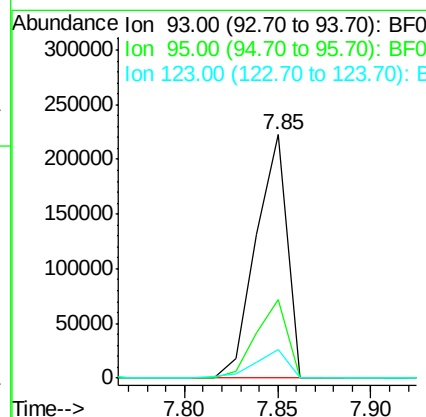
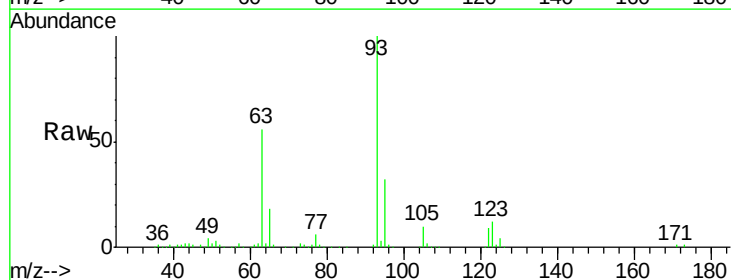
Instrument :
 BNA_F
 ClientSampleID :
 PB91760BS

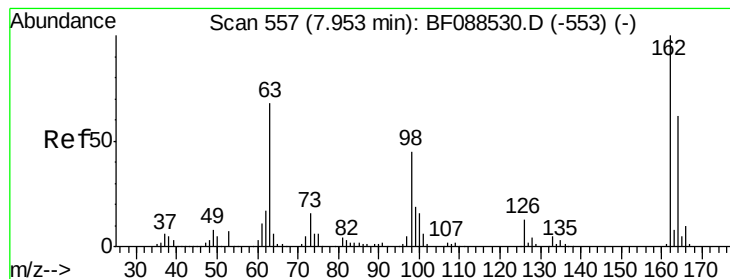
Tgt Ion: 122 Resp: 179691
 Ion Ratio Lower Upper
 122 100
 107 116.4 82.4 123.6
 121 58.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.58 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion: 93 Resp: 255873
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 11.6 11.6 17.4#





#29

2,4-Dichlorophenol

Concen: 24.08 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

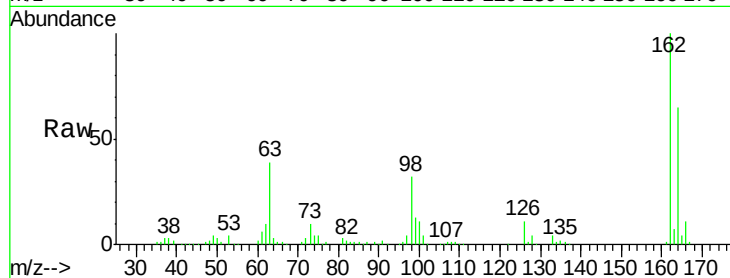
Tgt Ion:162 Resp: 157552

Ion Ratio Lower Upper

162 100

164 65.1 43.8 83.8

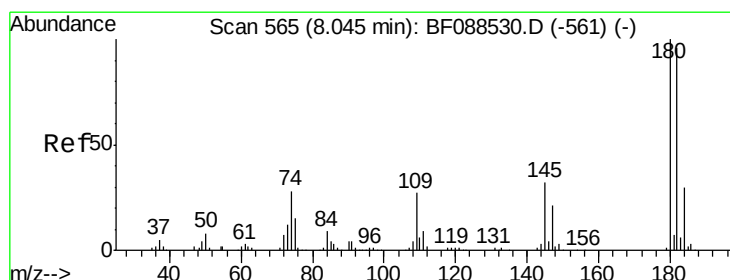
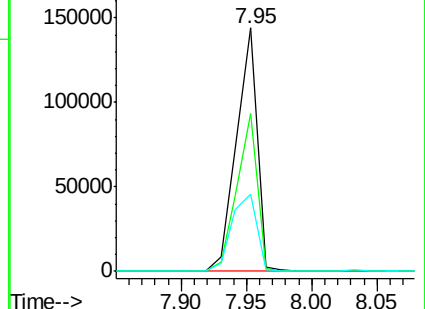
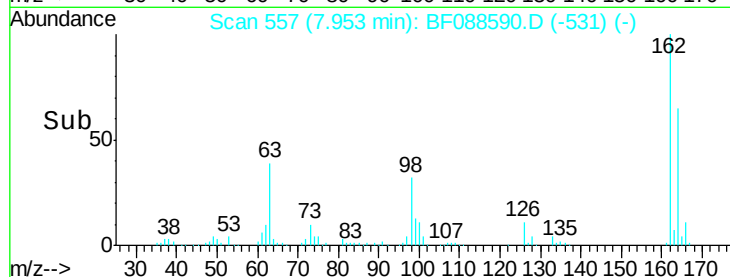
98 31.7 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 22.04 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

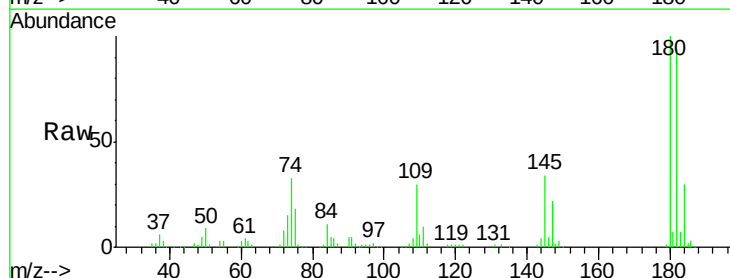
Tgt Ion:180 Resp: 158239

Ion Ratio Lower Upper

180 100

182 94.0 76.0 114.0

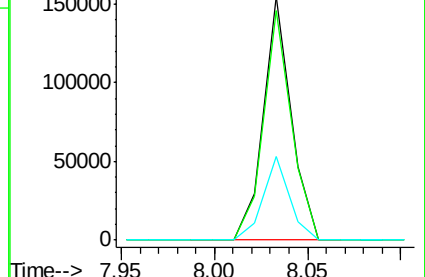
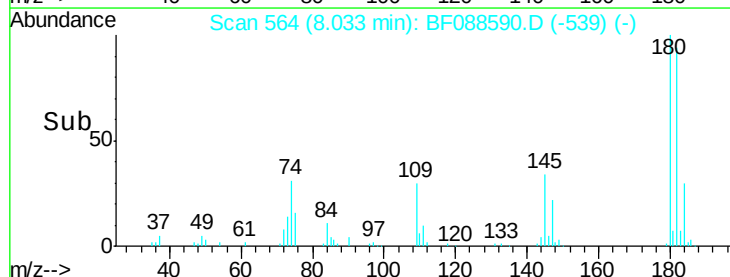
145 34.1 26.5 39.7

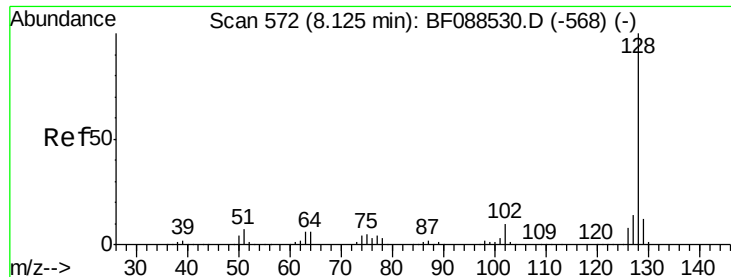


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

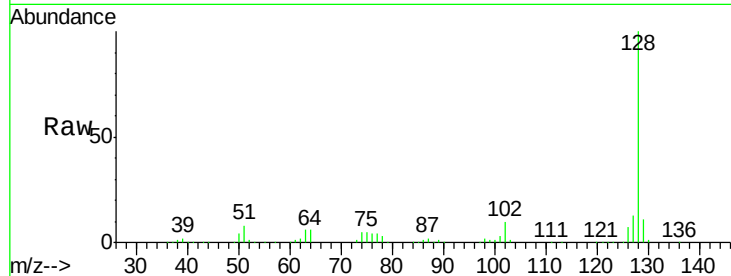




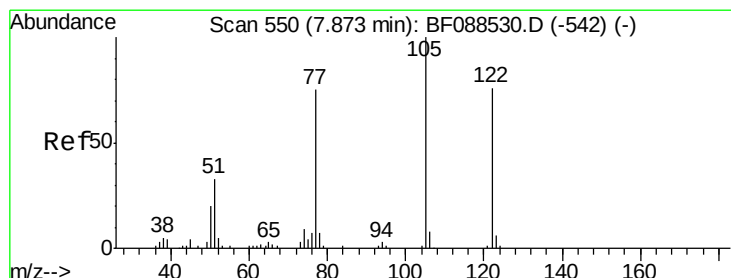
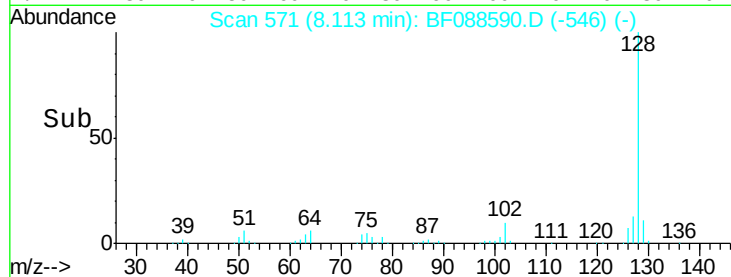
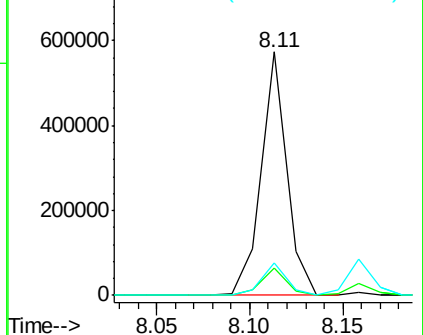
#31
Naphthalene
Concen: 22.36 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:128 Resp: 542933
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.2 10.9 16.3

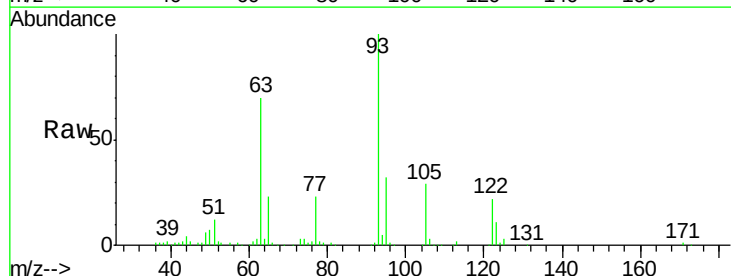


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

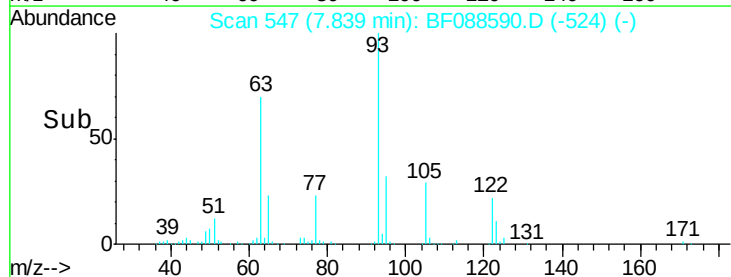
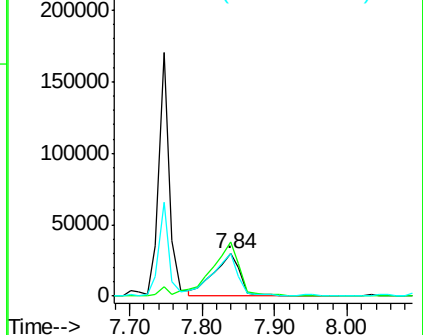


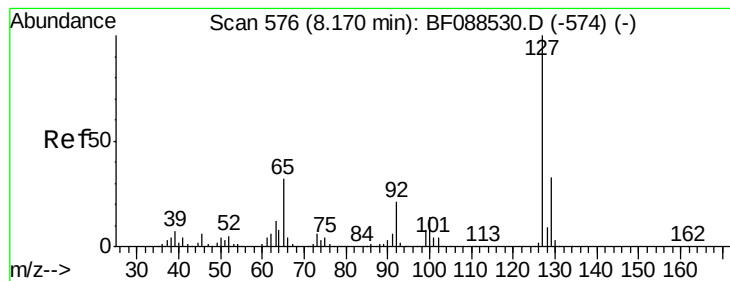
#32
Benzoic acid
Concen: 13.22 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:122 Resp: 77697
Ion Ratio Lower Upper
122 100
105 128.8 101.6 141.6
77 101.9 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: 7.61 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:127 Resp: 82193

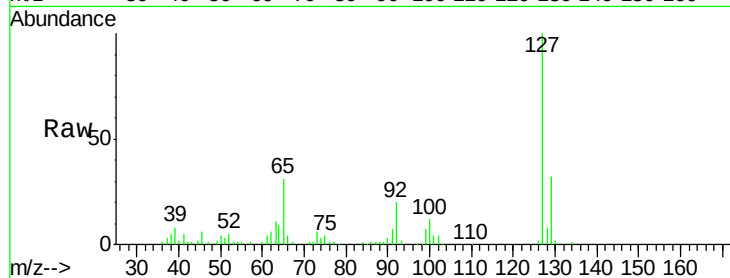
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 31.4 24.7 37.1

92 19.9 15.4 23.0

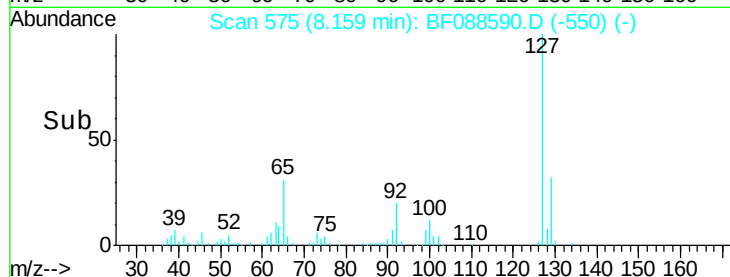


Abundance Ion 127.00 (126.70 to 127.70): E

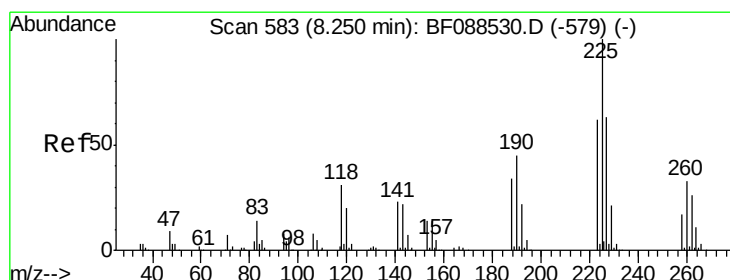
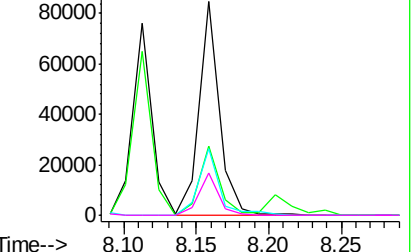
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 23.61 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

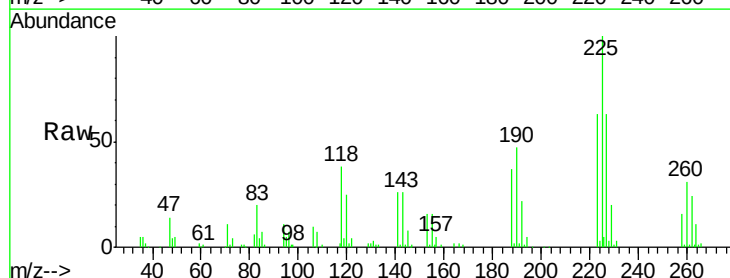
Tgt Ion:225 Resp: 90772

Ion Ratio Lower Upper

225 100

223 63.0 50.9 76.3

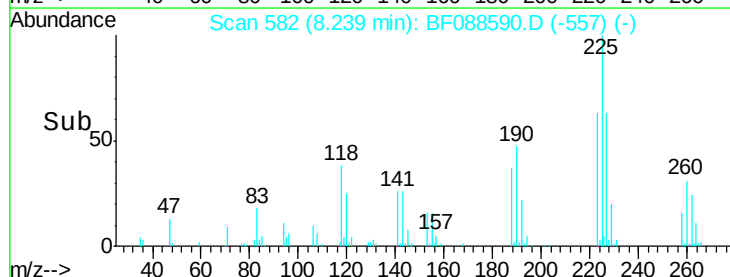
227 63.1 51.9 77.9



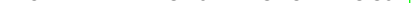
Abundance Ion 225.00 (224.70 to 225.70): E

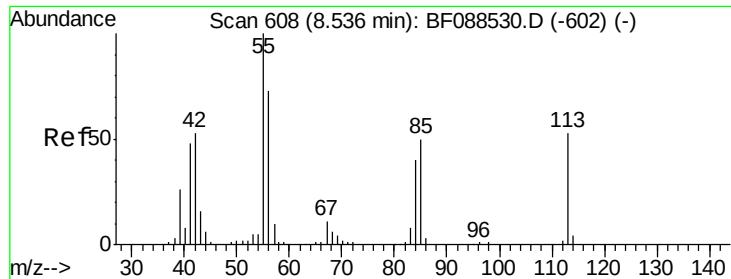
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

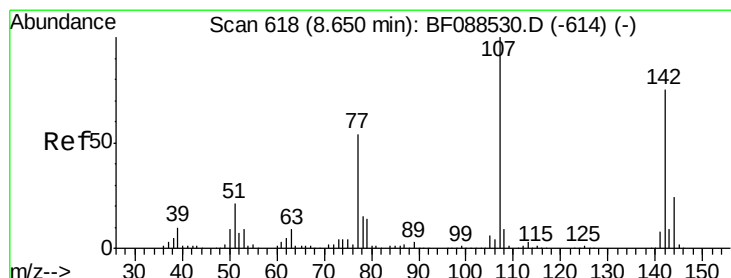
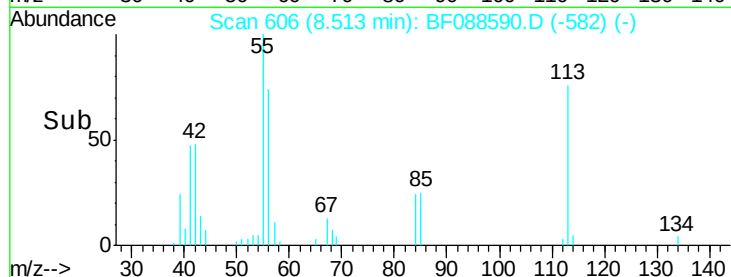
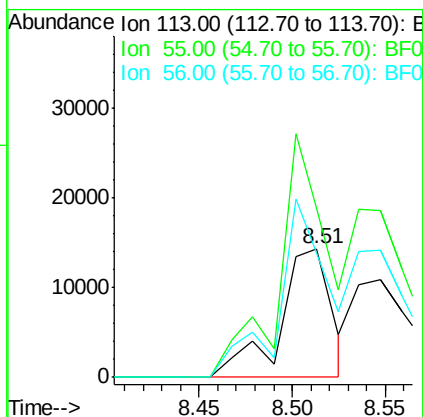
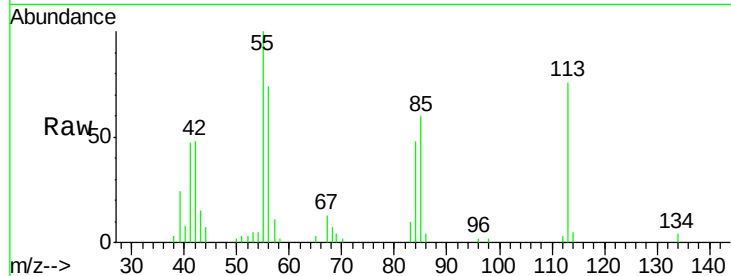




#35
 Caprolactam
 Concen: 12.43 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

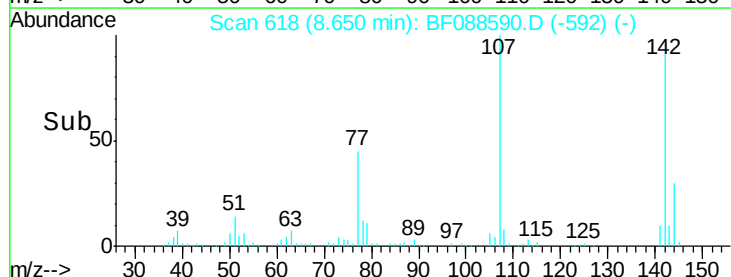
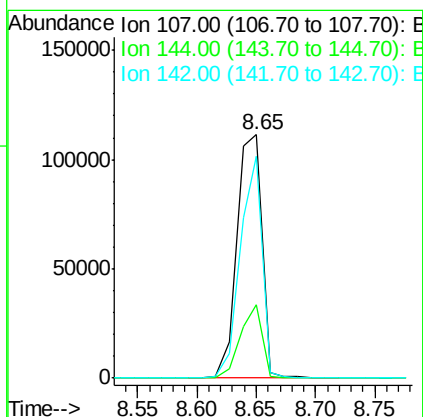
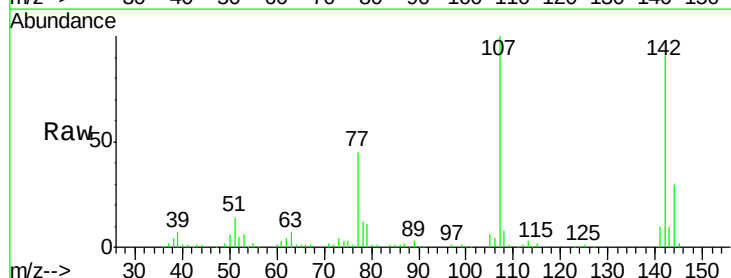
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

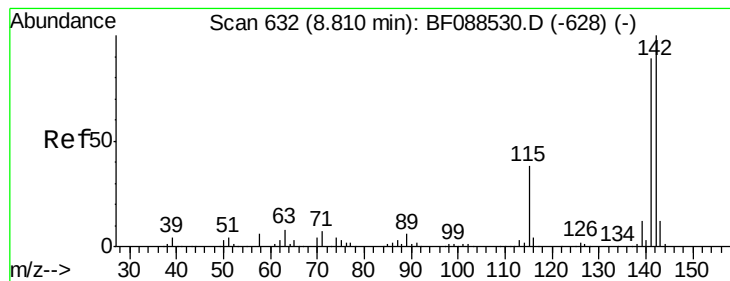
Tgt Ion:113 Resp: 27619
 Ion Ratio Lower Upper
 113 100
 55 131.0 158.6 198.6#
 56 96.5 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 21.24 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:107 Resp: 164336
 Ion Ratio Lower Upper
 107 100
 144 30.3 20.8 31.2
 142 91.2 63.4 95.2





#37

2-Methylnaphthalene

Concen: 22.84 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

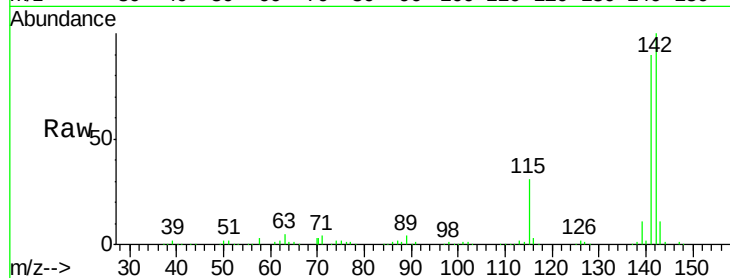
Tgt Ion:142 Resp: 357097

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

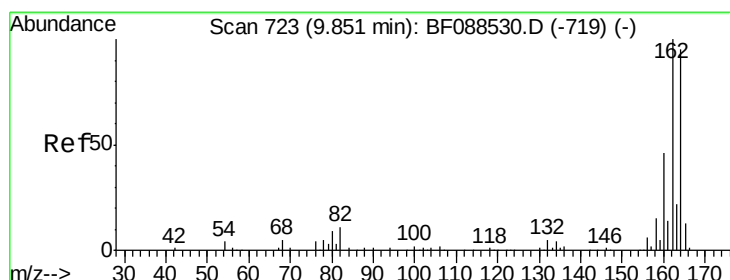
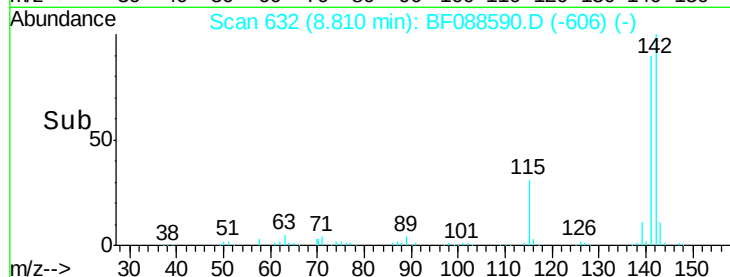
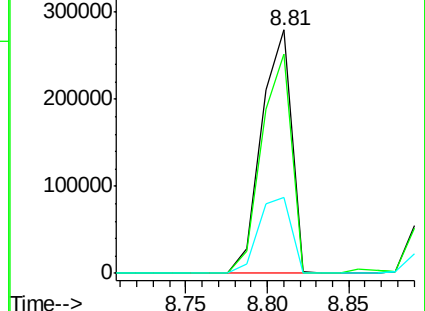
115 31.2 22.6 33.8



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: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

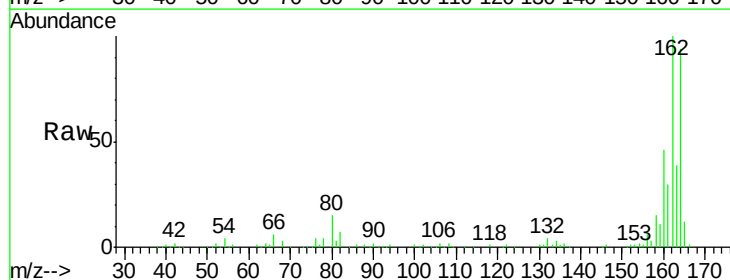
Tgt Ion:164 Resp: 215751

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

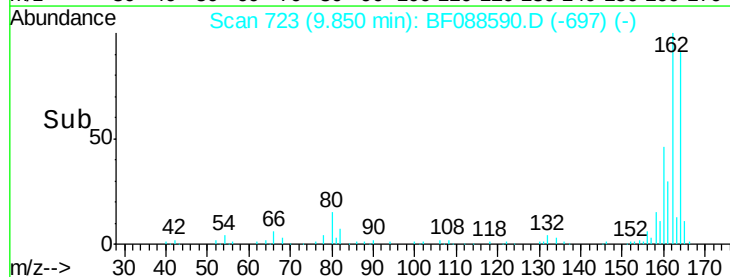
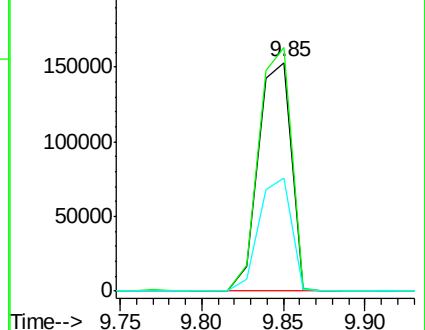
160 49.2 39.5 59.3

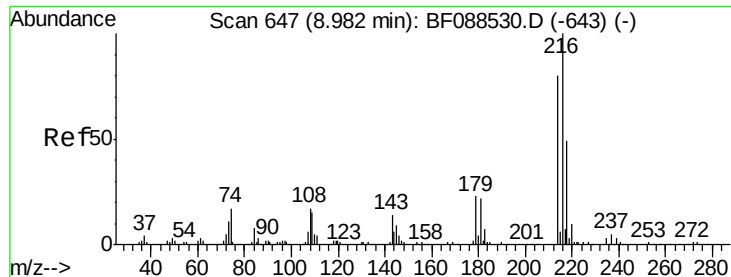


Abundance Ion 164.00 (163.70 to 164.70): E

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: 20.41 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:216 Resp: 146496

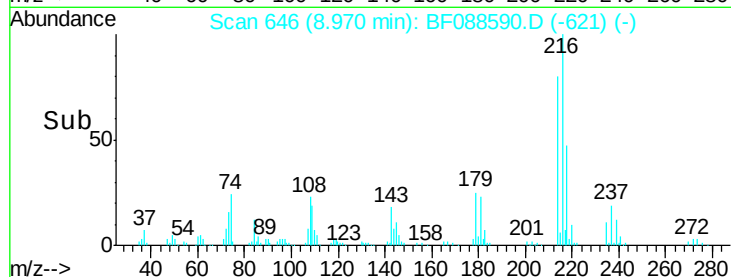
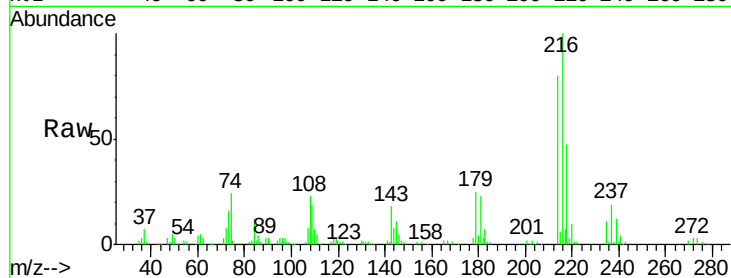
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 23.4 0.0 0.0#

108 23.7 0.5 0.7#

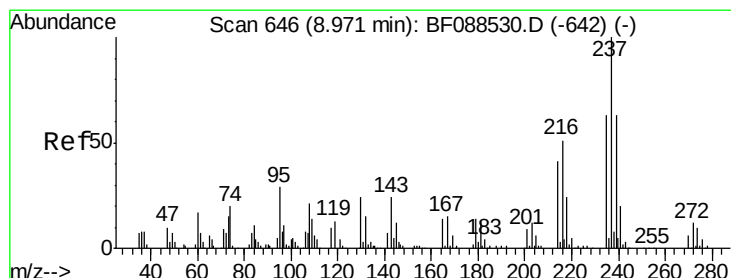
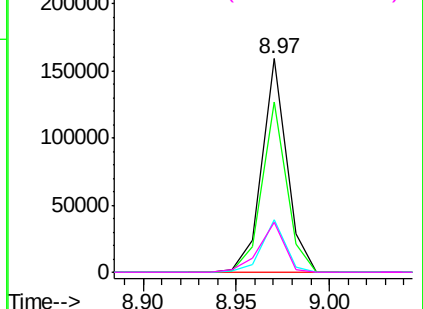


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 24.01 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

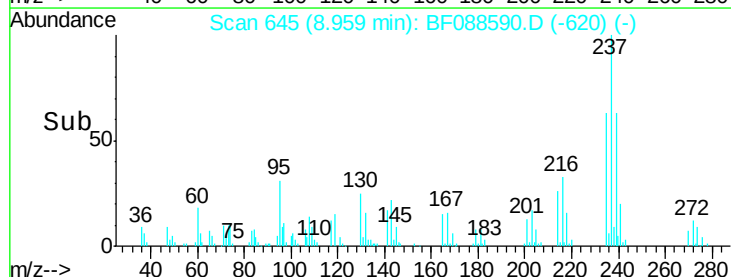
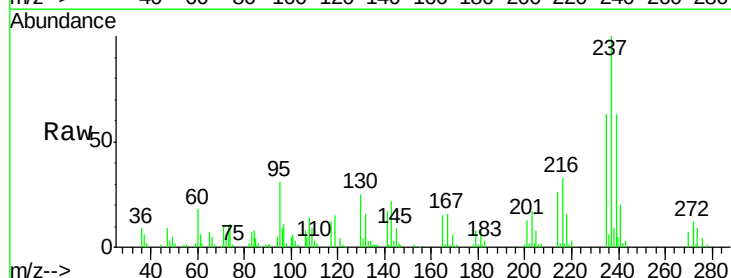
Tgt Ion:237 Resp: 84581

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

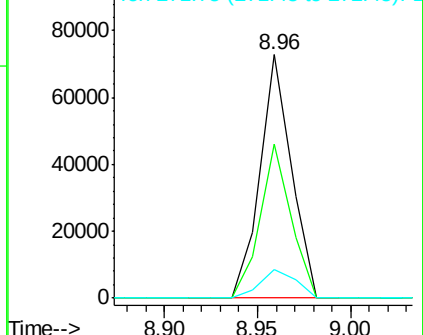
272 11.6 0.0 32.3

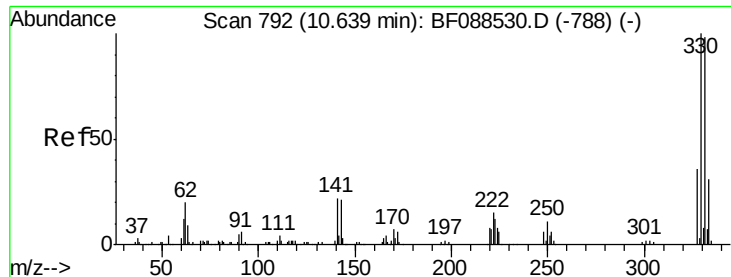


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

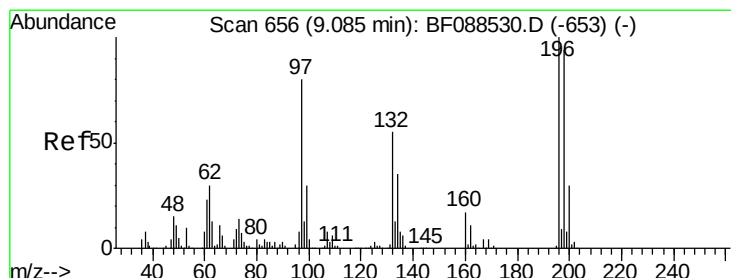
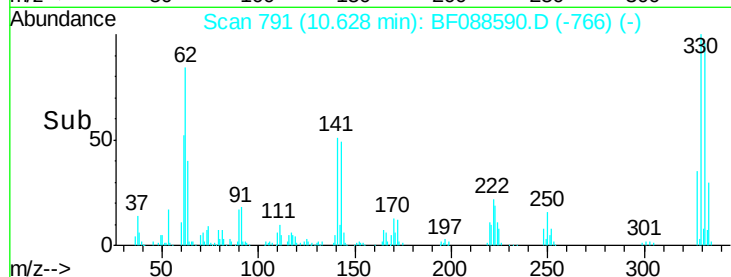
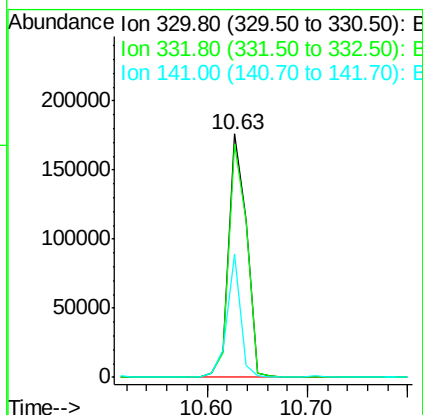
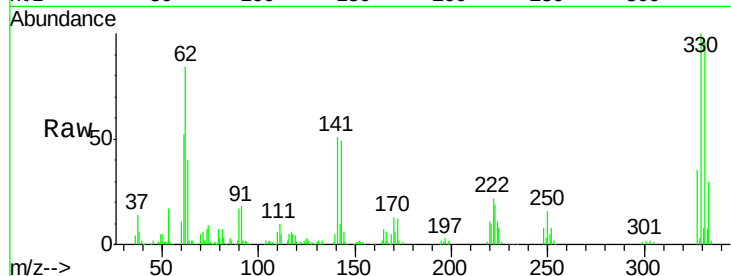




#41
 2,4,6-Tribromophenol
 Concen: 109.15 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

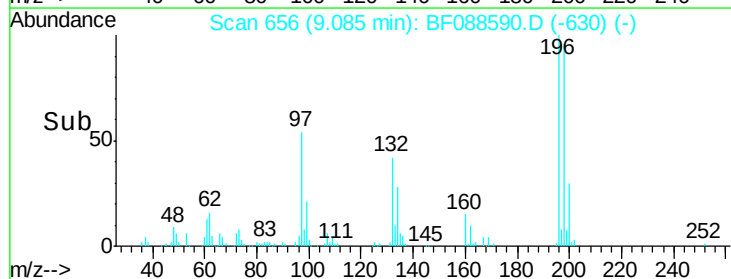
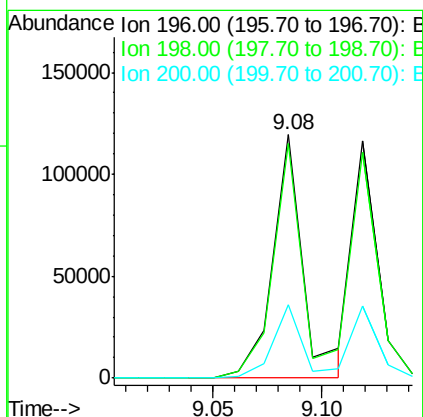
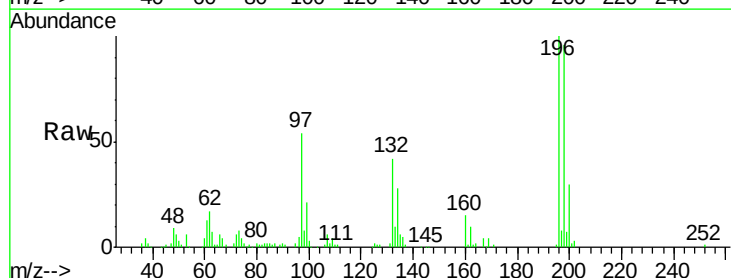
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

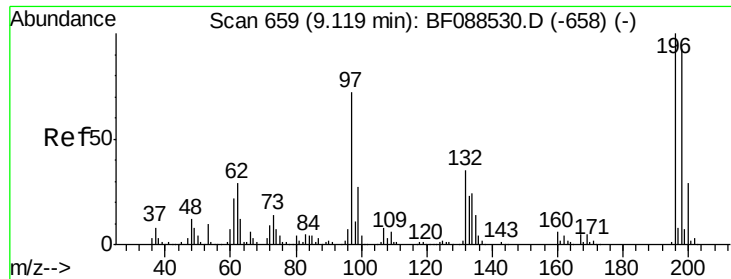
Tgt Ion:330 Resp: 218684
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 24.85 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:196 Resp: 117561
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.0 117.0
 200 30.3 25.4 38.2

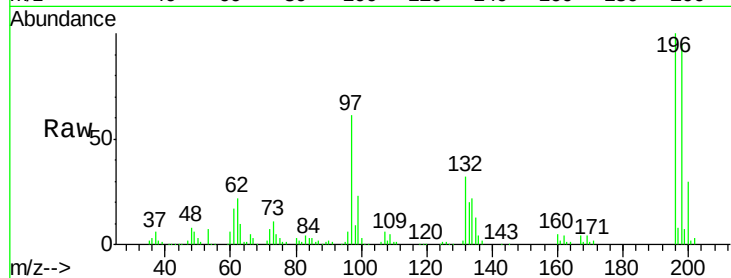




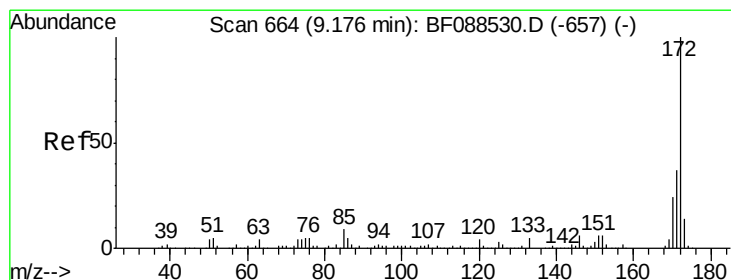
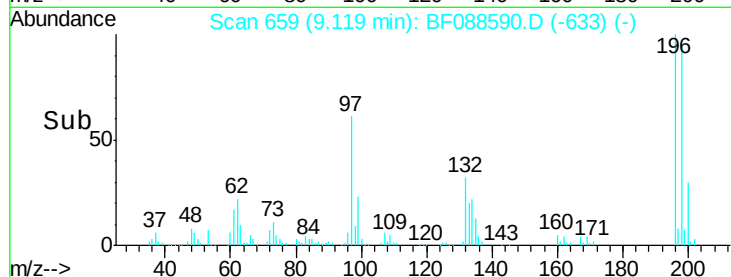
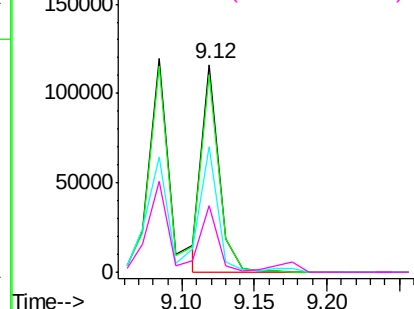
#43
 2,4,5-Trichlorophenol
 Concen: 23.41 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:196 Resp: 95293
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.5 116.3
 97 60.5 32.0 48.0#
 132 31.9 20.9 31.3#

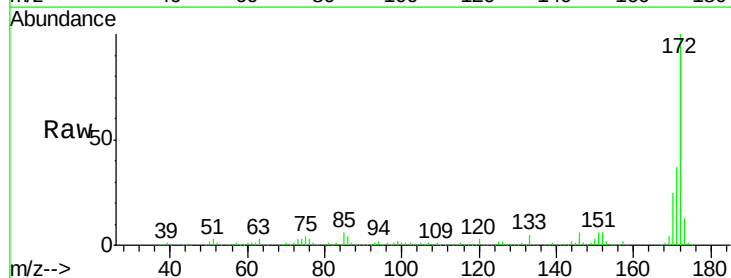


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

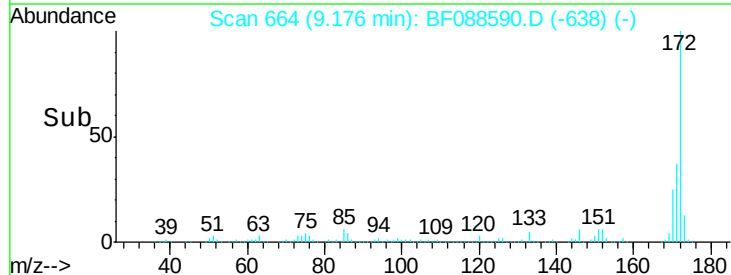
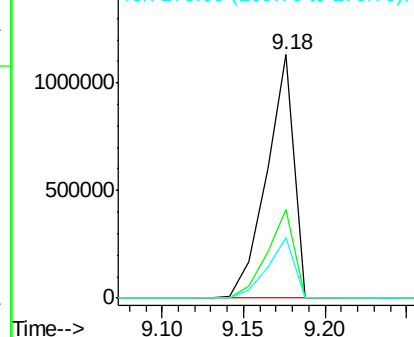


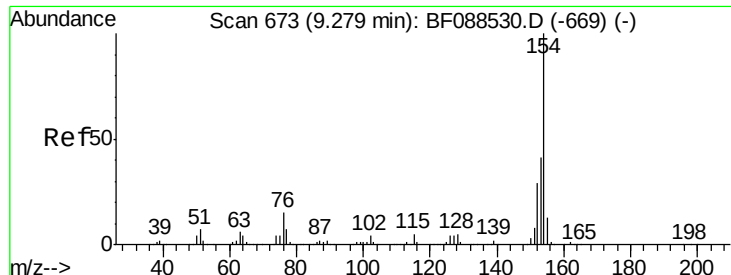
#44
 2-Fluorobiphenyl
 Concen: 95.95 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:172 Resp: 1310543
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.8 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: 23.23 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

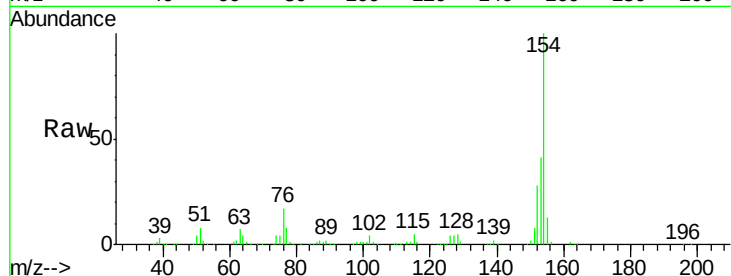
Tgt Ion:154 Resp: 415037

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

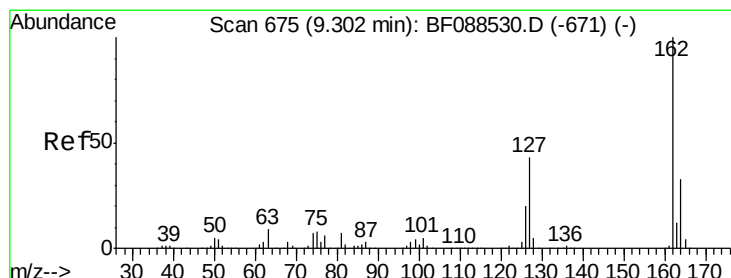
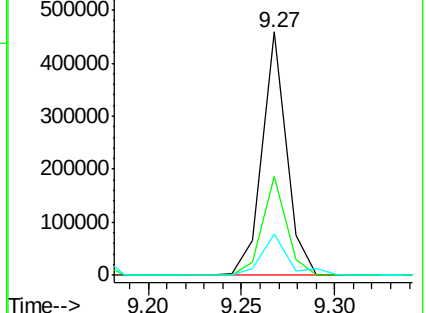
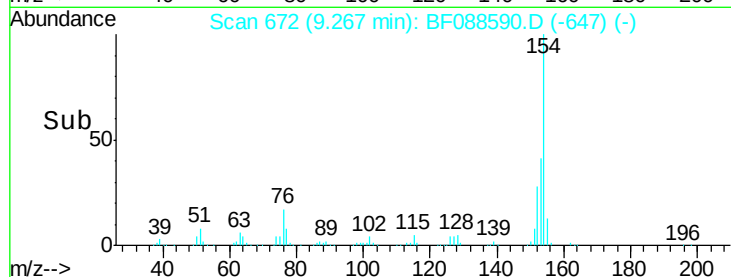
76 17.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 22.41 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

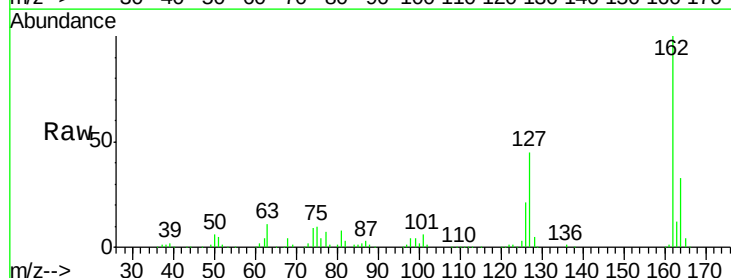
Tgt Ion:162 Resp: 314377

Ion Ratio Lower Upper

162 100

127 45.3 35.2 52.8

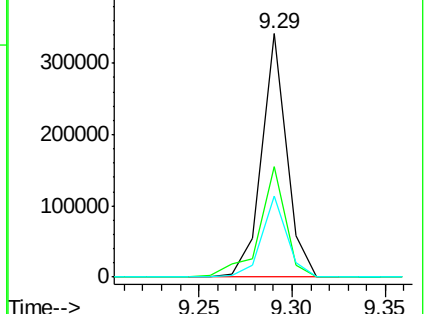
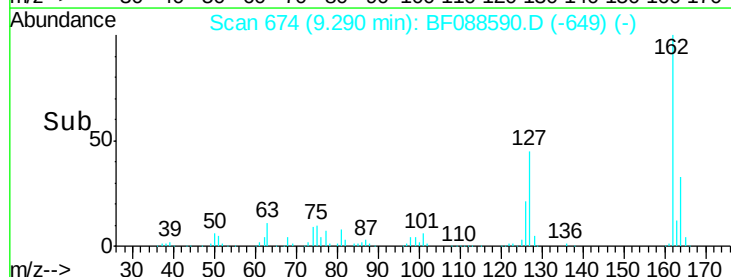
164 33.4 26.6 39.8

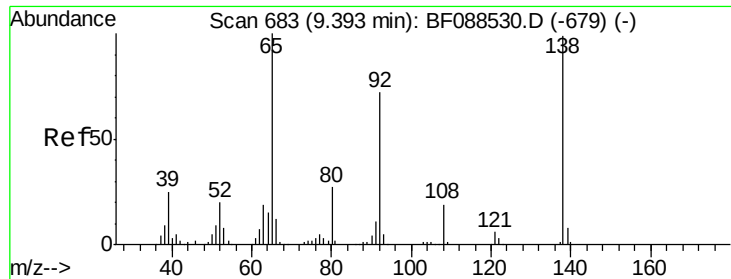


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 21.22 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

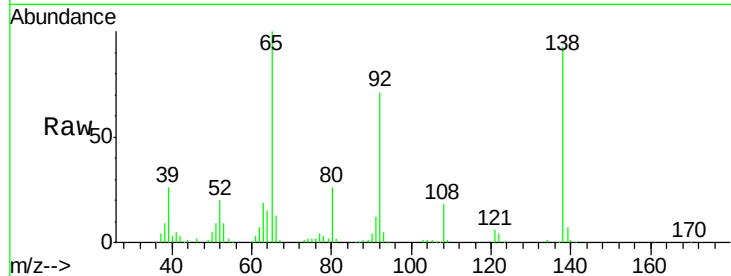
Tgt Ion: 65 Resp: 105628

Ion Ratio Lower Upper

65 100

92 71.0 54.6 82.0

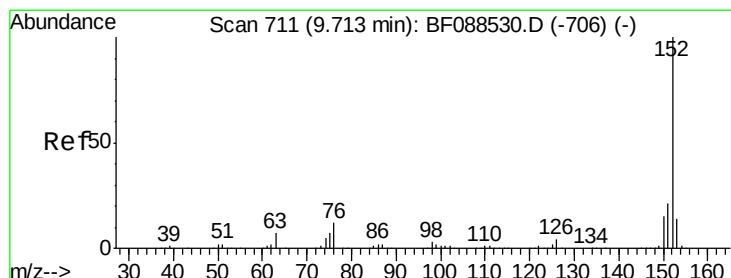
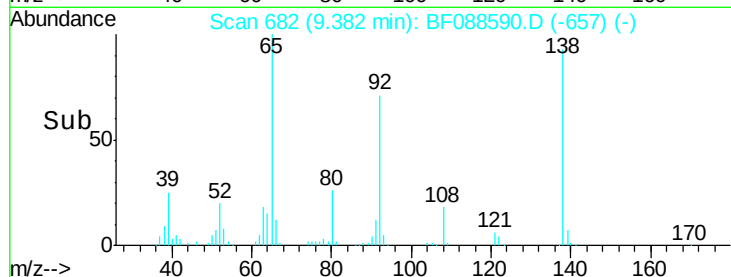
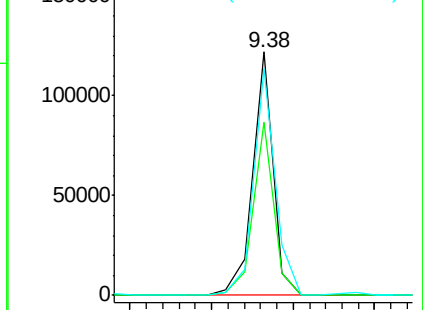
138 93.0 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 22.05 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

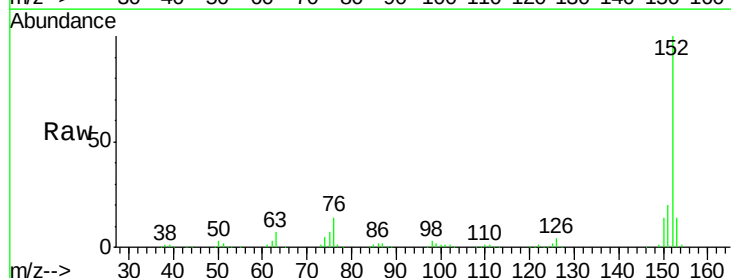
Tgt Ion: 152 Resp: 492026

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

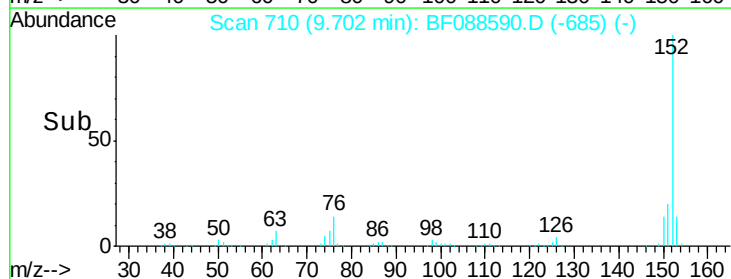
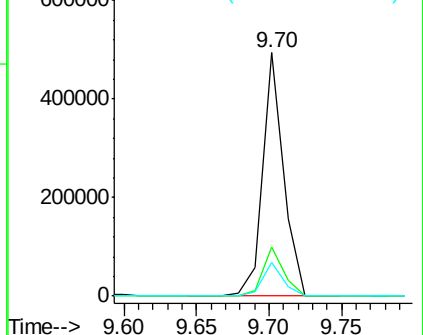
153 13.6 11.0 16.6

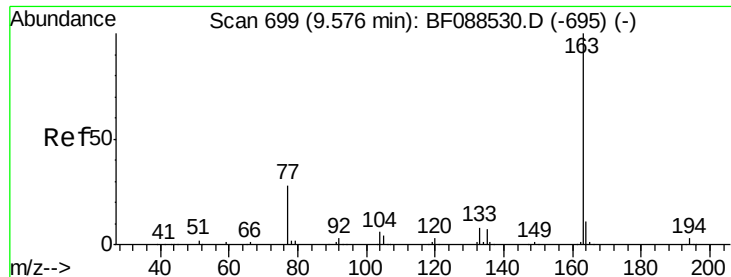


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 24.38 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

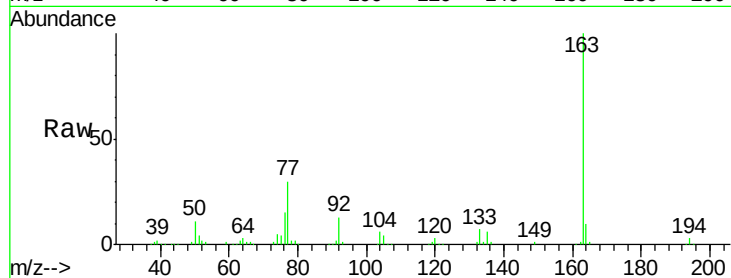
Tgt Ion:163 Resp: 374685

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

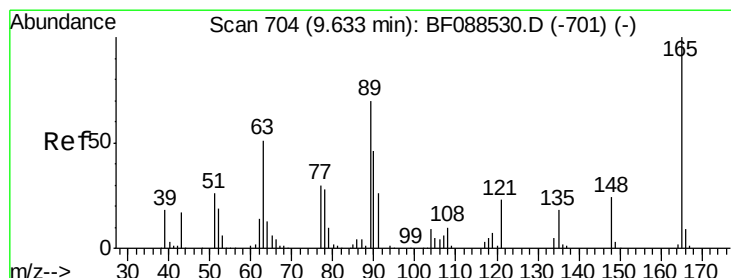
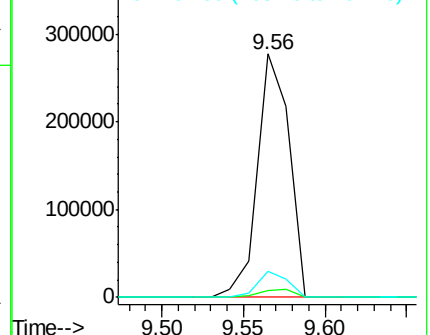
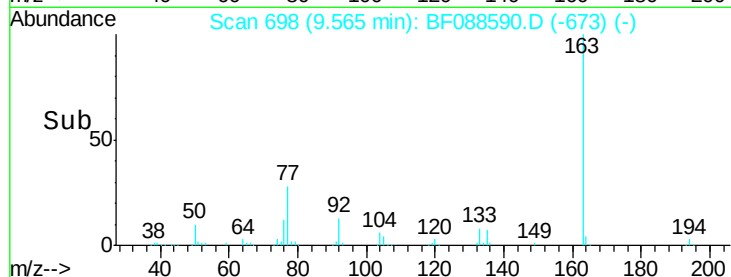
164 10.5 8.3 12.5



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: 23.01 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

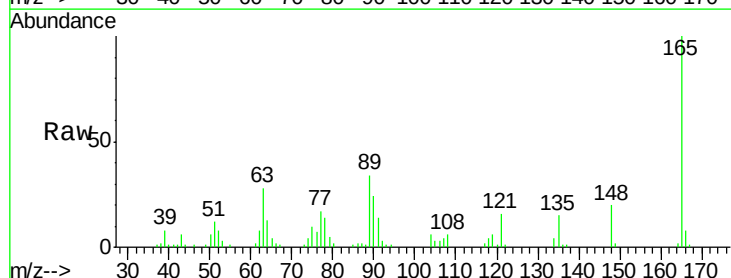
Tgt Ion:165 Resp: 78382

Ion Ratio Lower Upper

165 100

63 28.3 28.1 42.1

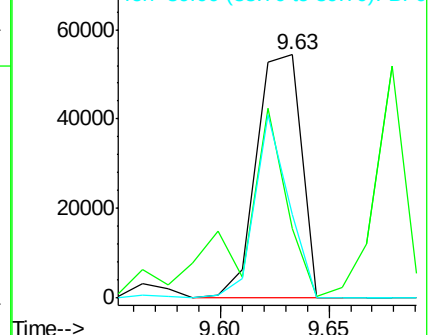
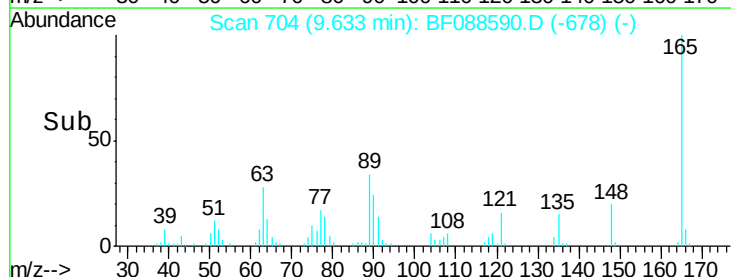
89 34.5 32.2 48.2

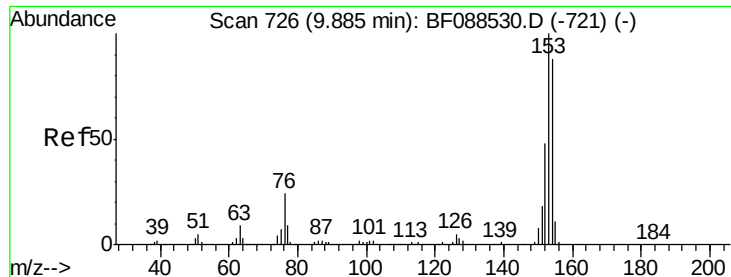


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.53 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

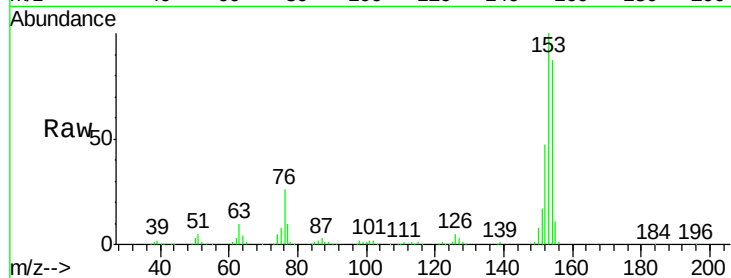
Tgt Ion:154 Resp: 294461

Ion Ratio Lower Upper

154 100

153 114.9 89.5 134.3

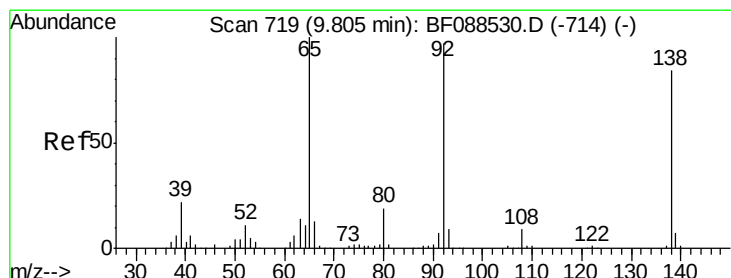
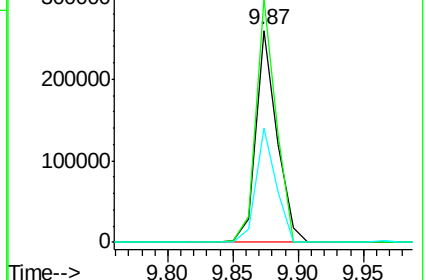
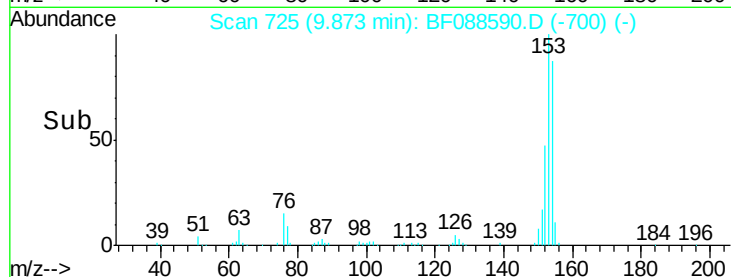
152 54.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.66 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

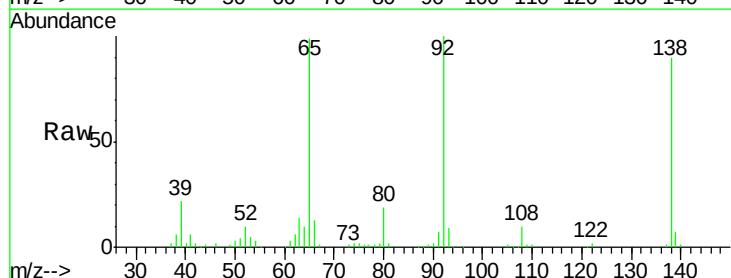
Tgt Ion:138 Resp: 80789

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

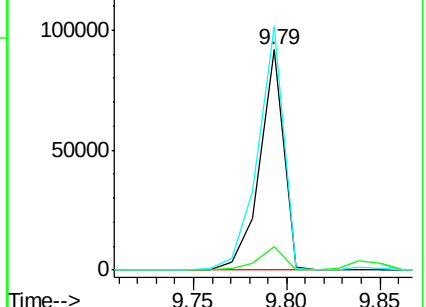
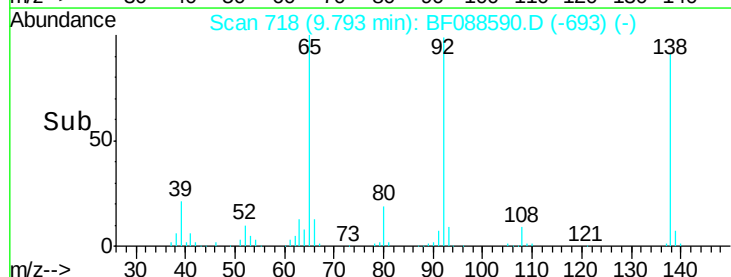
92 110.6 95.7 143.5

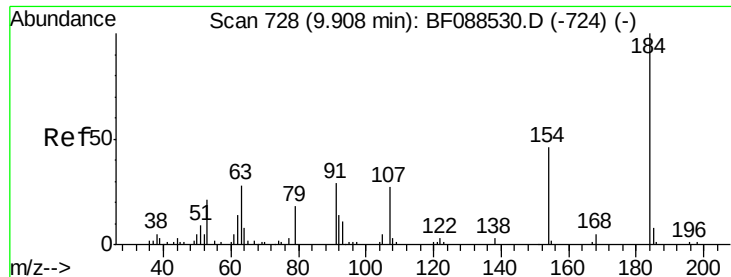


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

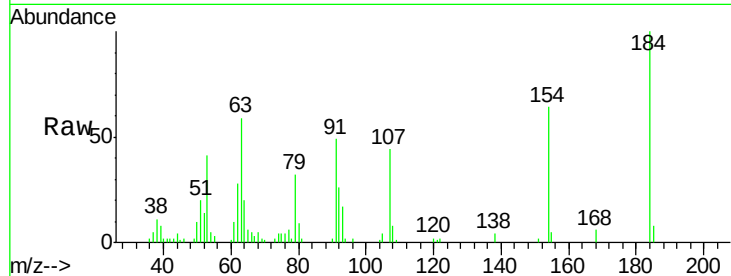




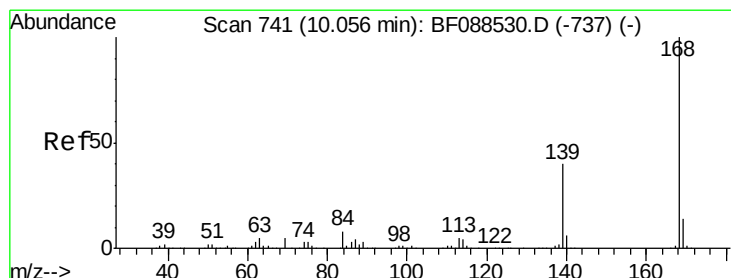
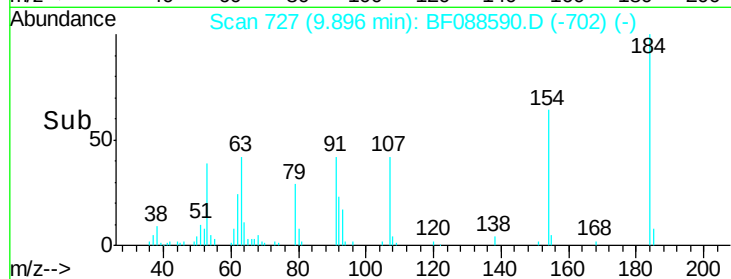
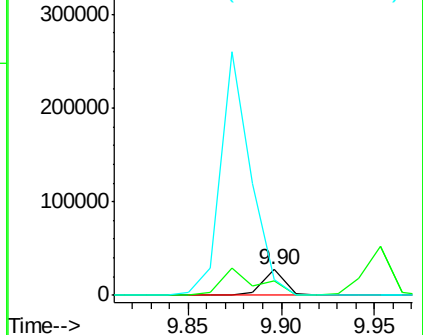
#53
 2,4-Dinitrophenol
 Concen: 14.96 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:184 Resp: 22507
 Ion Ratio Lower Upper
 184 100
 63 59.0 57.6 86.4
 154 64.4 53.5 80.3

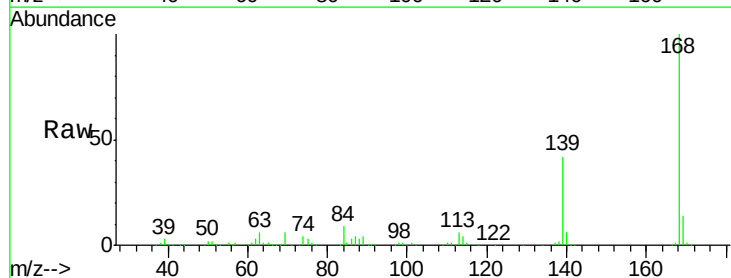


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

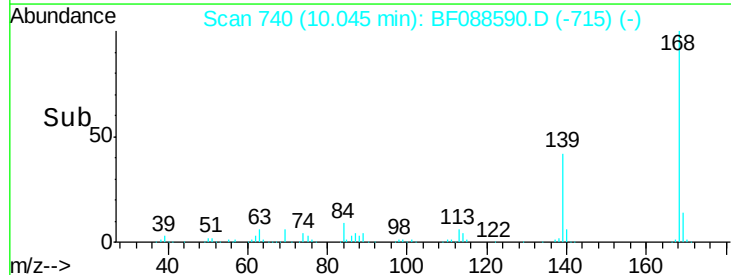
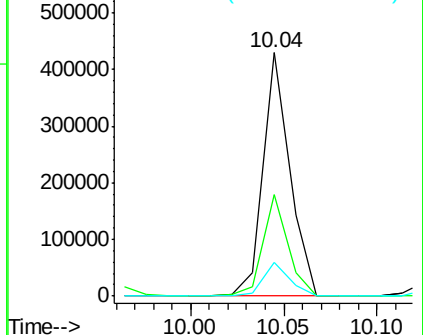


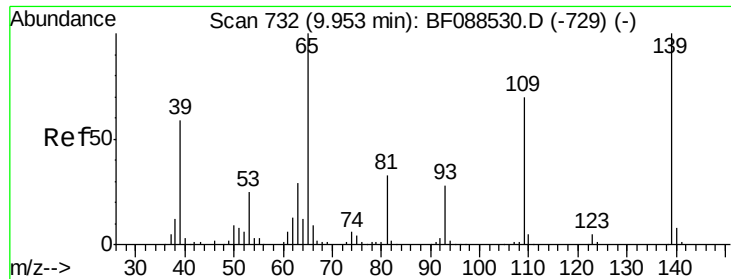
#54
 Dibenzofuran
 Concen: 23.68 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:168 Resp: 423910
 Ion Ratio Lower Upper
 168 100
 139 41.6 26.4 39.6#
 169 13.8 10.4 15.6



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

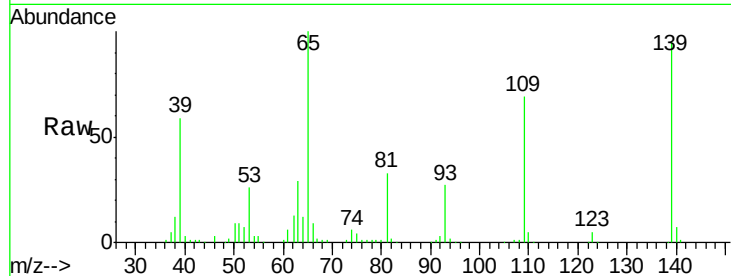




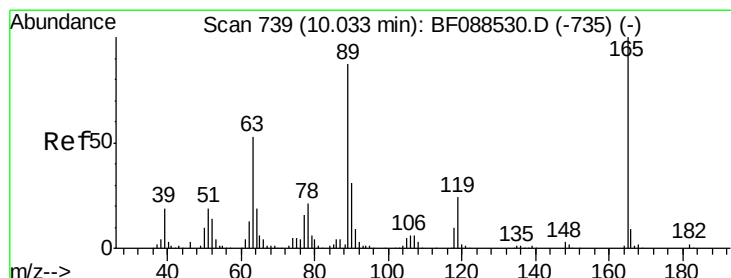
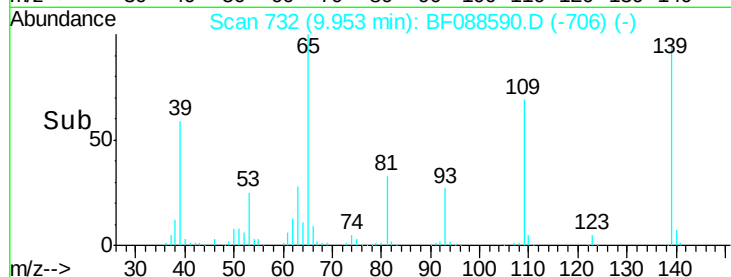
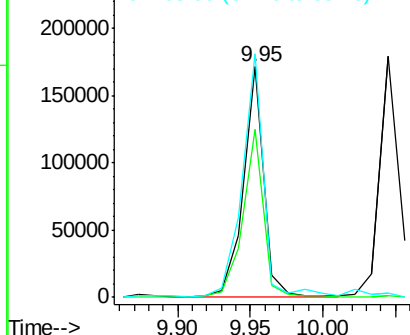
#55
4-Nitrophenol
Concen: 51.58 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:139 Resp: 169757
Ion Ratio Lower Upper
139 100
109 72.7 48.9 88.9
65 105.6 84.9 124.9

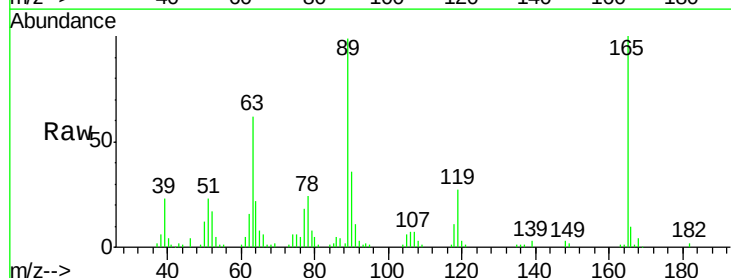


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

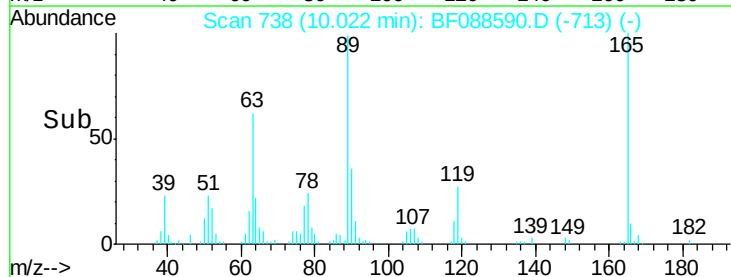
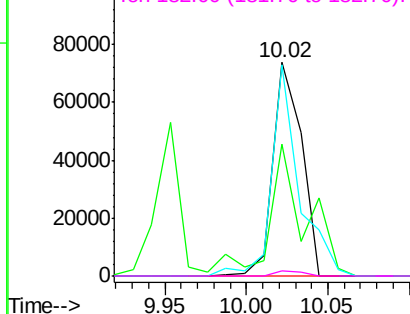


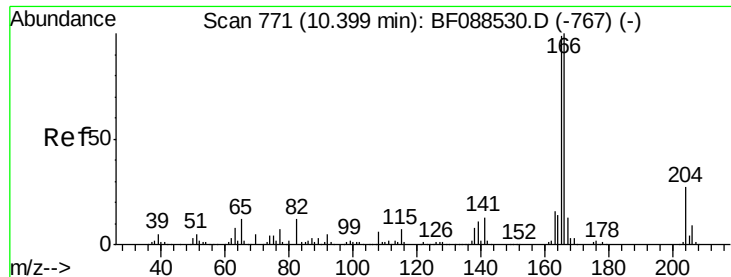
#56
2,4-Dinitrotoluene
Concen: 20.39 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:165 Resp: 90816
Ion Ratio Lower Upper
165 100
63 62.0 22.0 33.0#
89 98.9 41.1 61.7#
182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 22.50 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

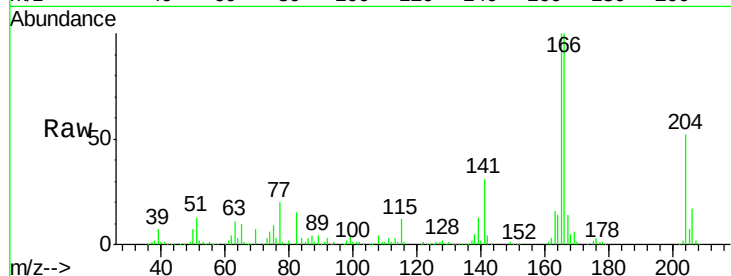
Tgt Ion:166 Resp: 310494

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

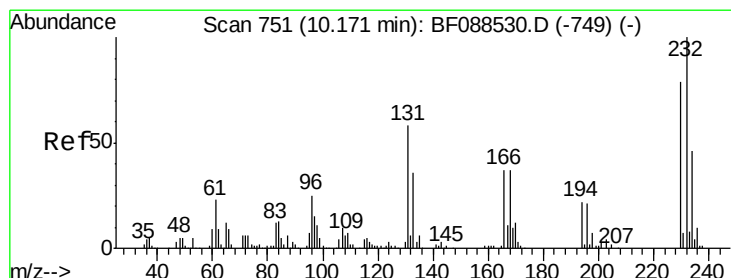
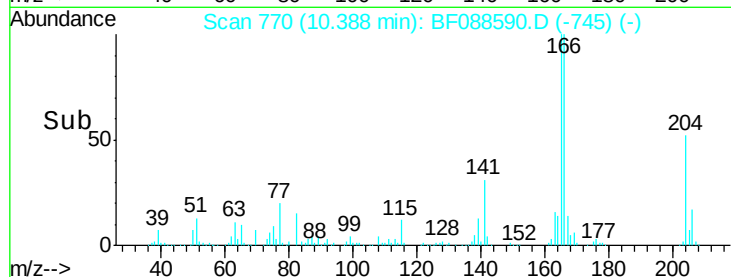
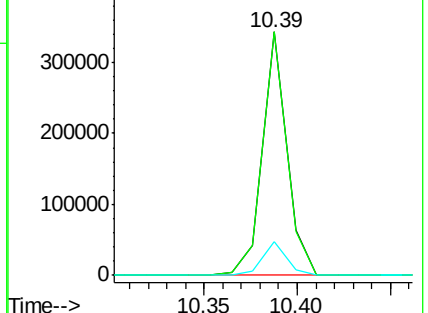
167 13.8 11.2 16.8



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: 23.16 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion:232 Resp: 72927

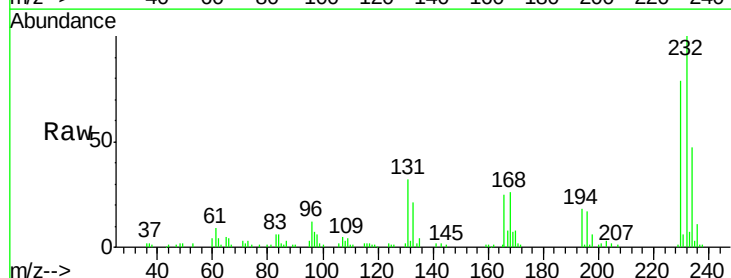
Ion Ratio Lower Upper

232 100

131 49.6 0.9 1.3#

130 0.0 1.5 2.3#

166 32.3 0.5 0.7#

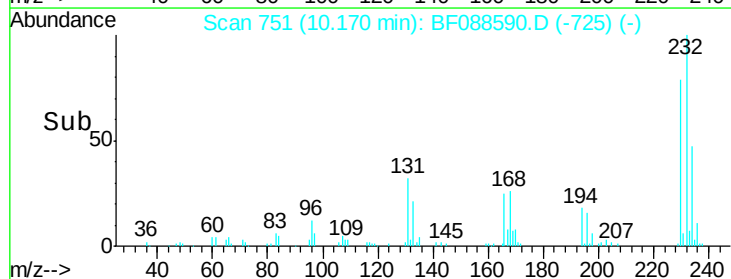
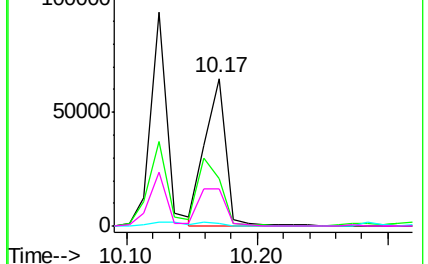


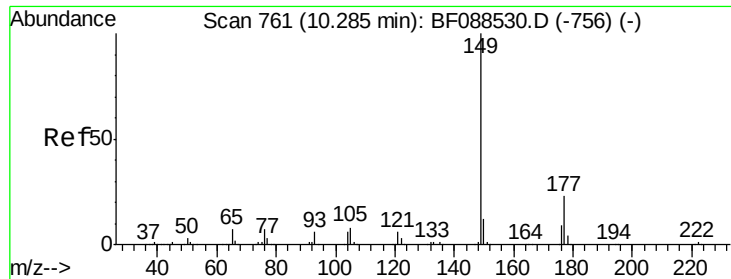
Abundance Ion 232.00 (231.70 to 232.70): E

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

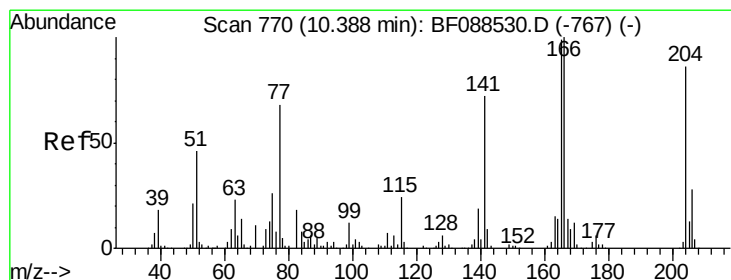
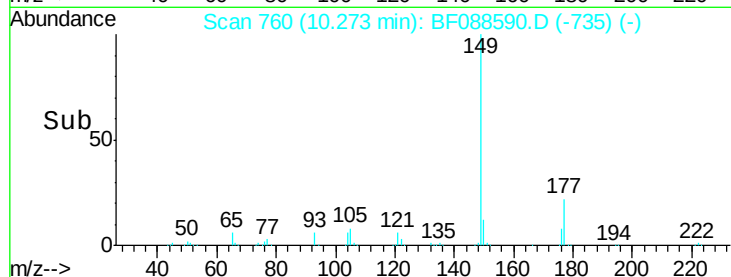
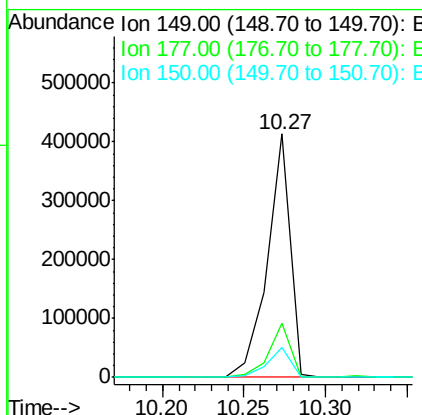
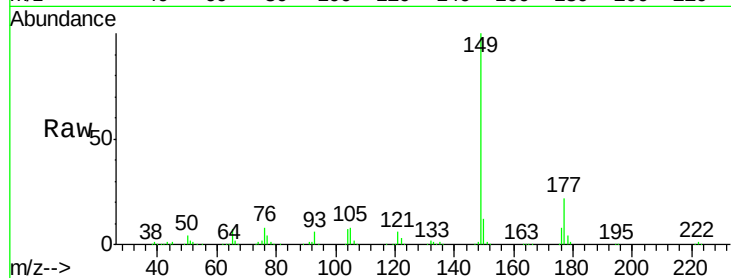




#59
Diethylphthalate
Concen: 26.13 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

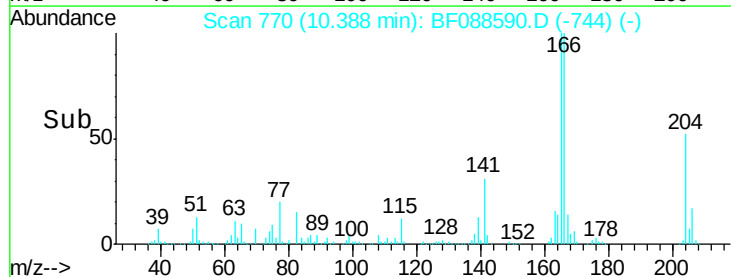
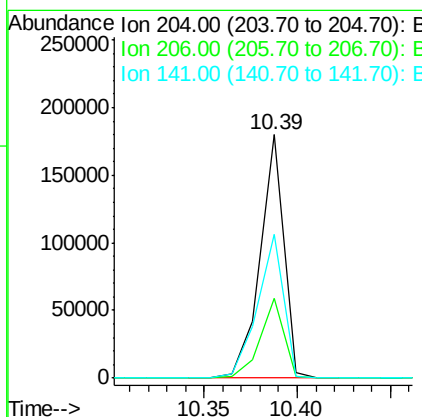
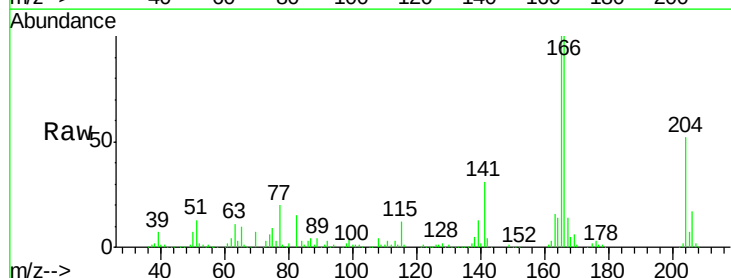
Instrument :
BNA_F
ClientSampleId :
PB91760BS

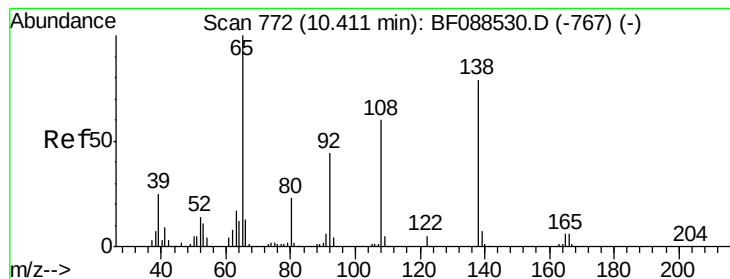
Tgt Ion:149 Resp: 403100
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.56 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:204 Resp: 157447
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 59.1 55.0 82.6





#61

4-Nitroaniline

Concen: 17.72 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

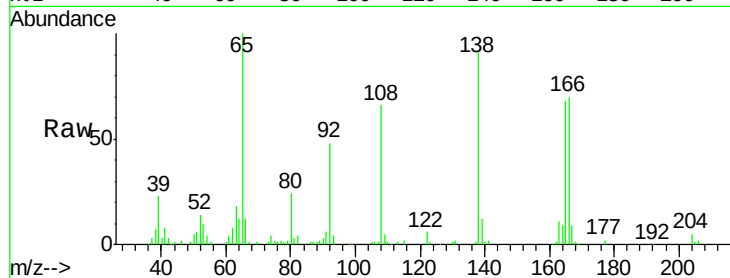
Tgt Ion:138 Resp: 73837

Ion Ratio Lower Upper

138 100

92 52.1 27.3 67.3

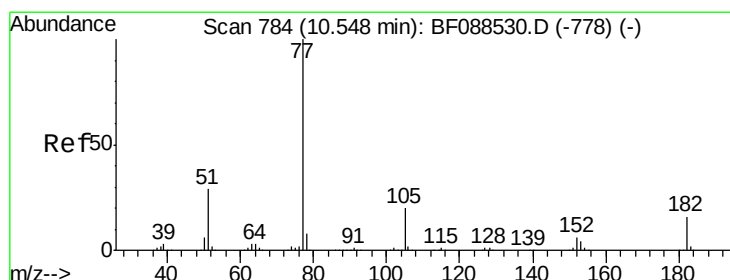
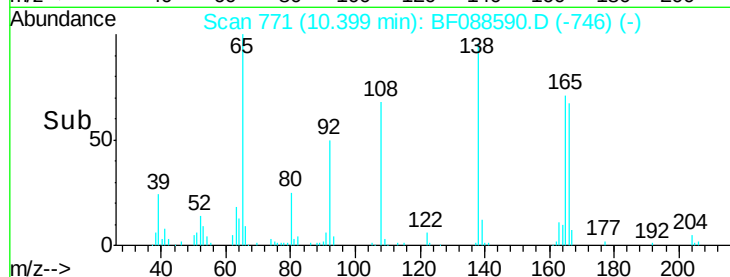
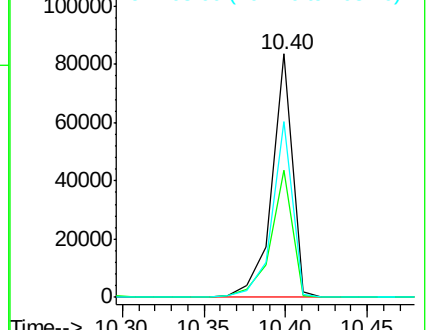
108 72.0 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 24.96 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Tgt Ion: 77 Resp: 439184

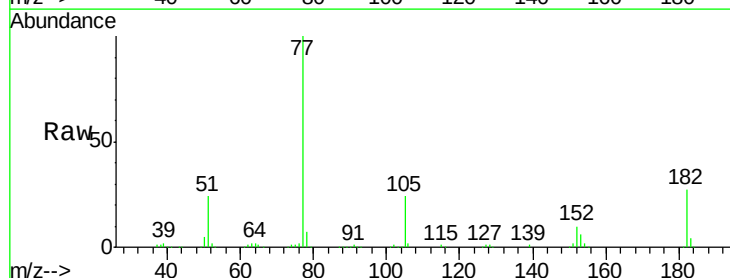
Ion Ratio Lower Upper

77 100

182 27.1 4.4 44.4

105 23.6 3.8 43.8

51 23.9 9.3 49.3

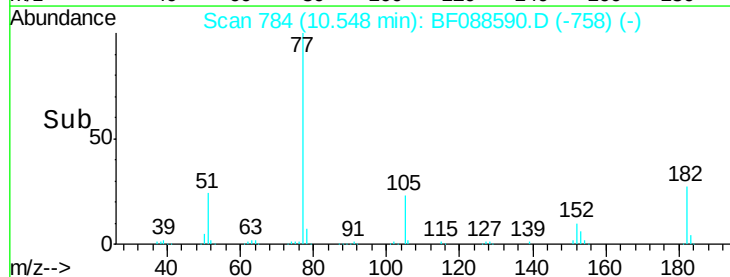
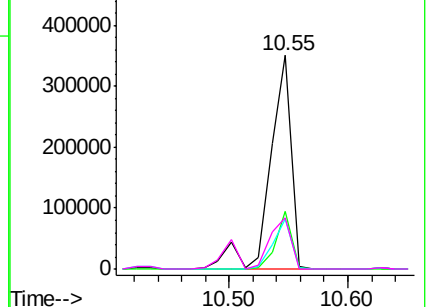


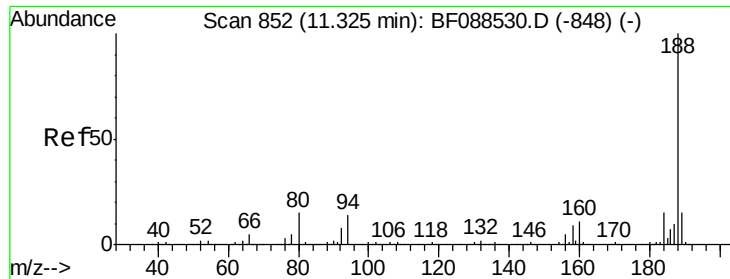
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

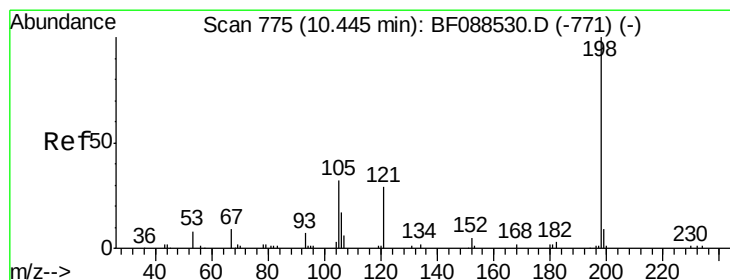
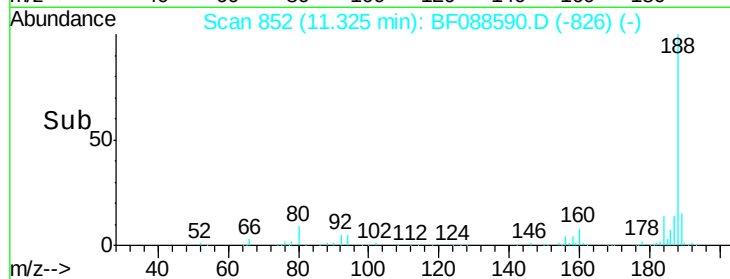
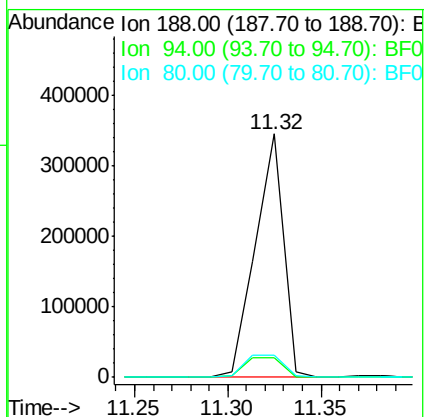
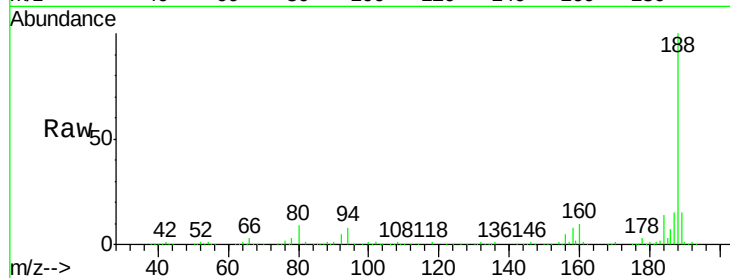




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

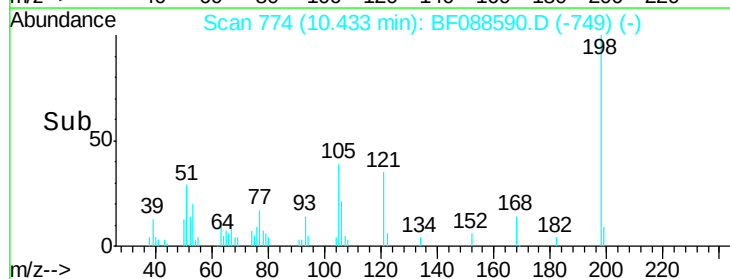
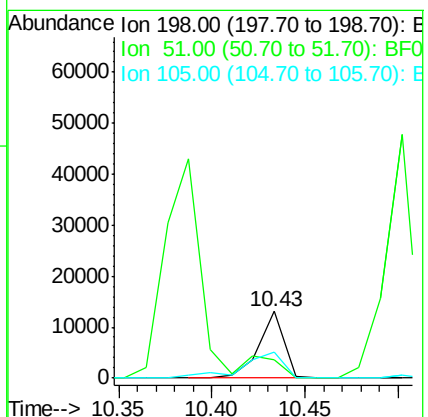
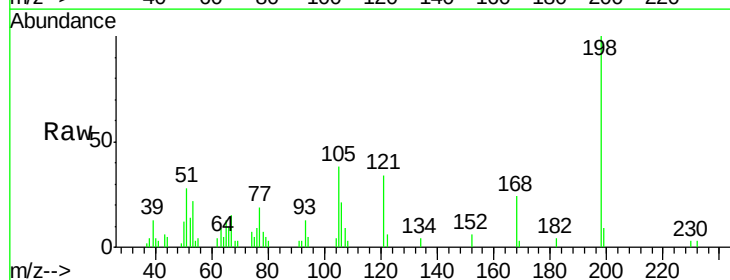
Instrument :
BNA_F
ClientSampleId :
PB91760BS

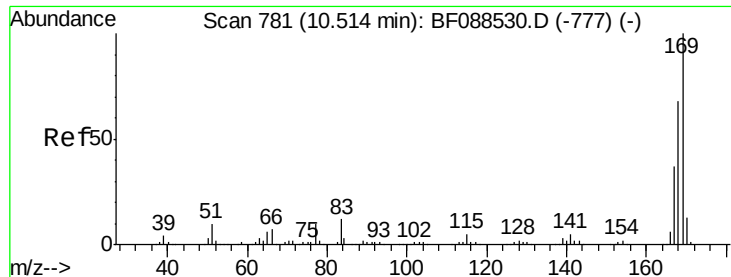
Tgt Ion:188 Resp: 360366
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.6#
80 9.0 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:198 Resp: 12288
Ion Ratio Lower Upper
198 100
51 28.2 39.6 79.6#
105 38.2 36.6 76.6

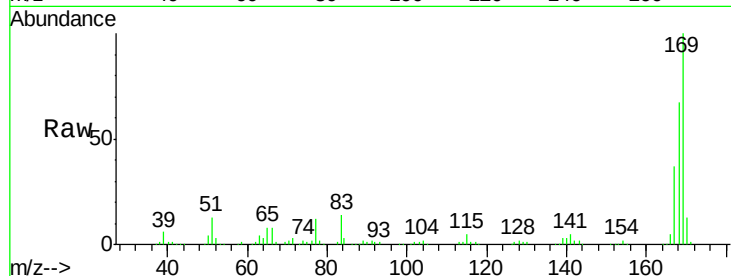




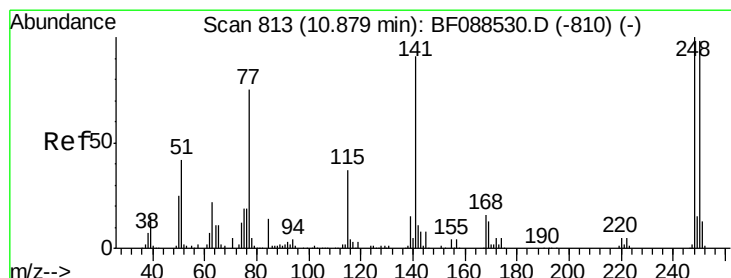
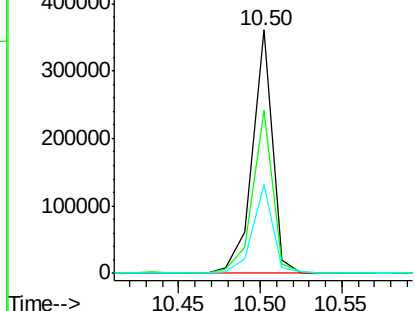
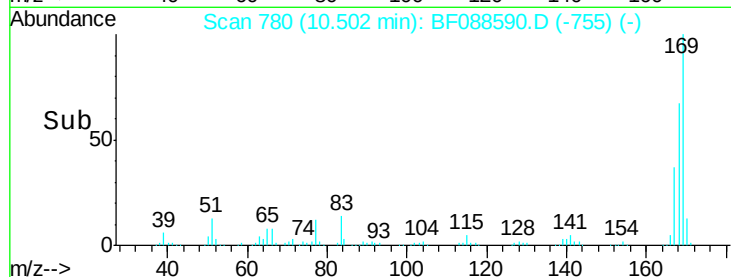
#65
 n-Nitrosodiphenylamine
 Concen: 25.33 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:169 Resp: 308981
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 36.6 29.4 44.0

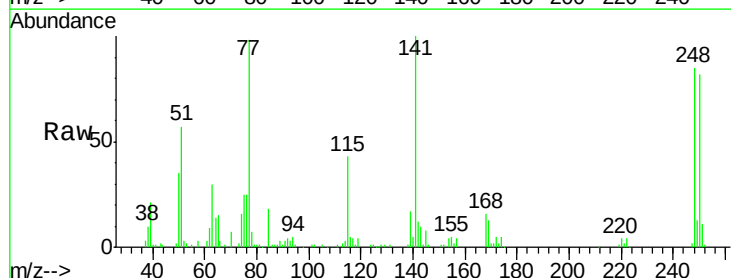


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

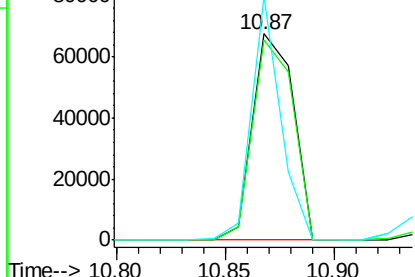
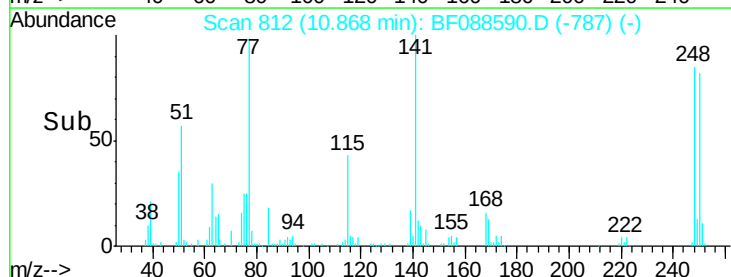


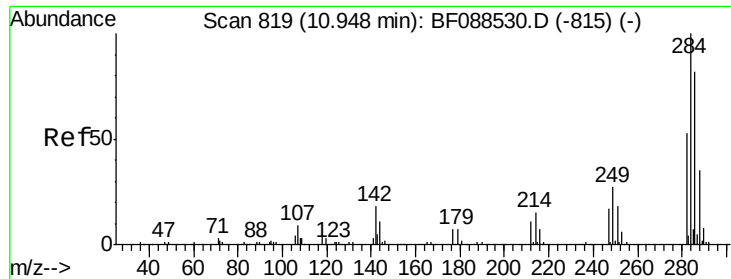
#66
 4-Bromophenyl-phenylether
 Concen: 24.34 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:248 Resp: 88393
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 118.1 50.6 76.0#



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

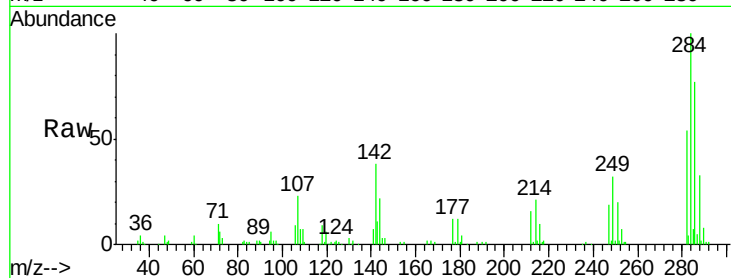




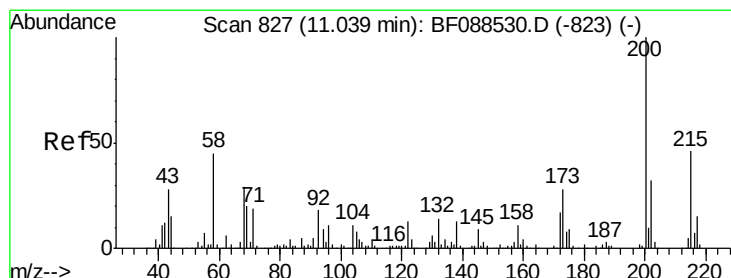
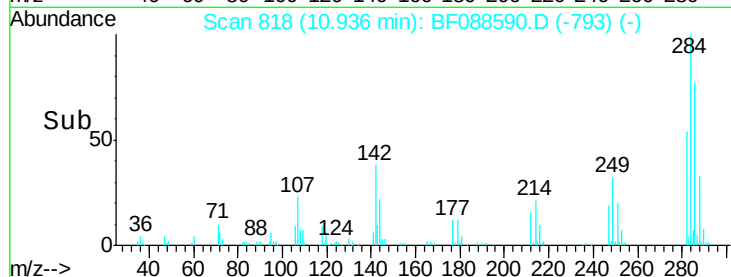
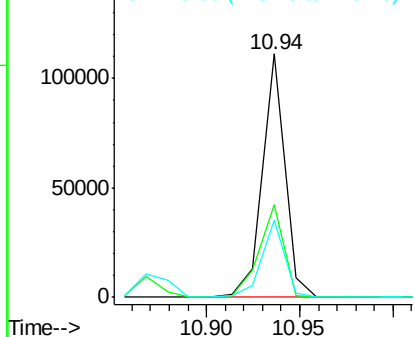
#67
Hexachlorobenzene
Concen: 22.98 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampled :
PB91760BS

Tgt Ion: 284 Resp: 92385
Ion Ratio Lower Upper
284 100
142 38.0 35.8 53.8
249 31.9 25.8 38.6

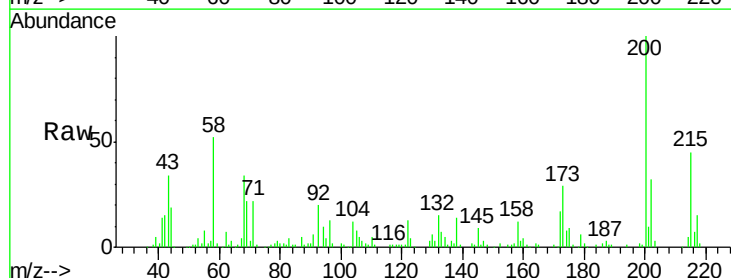


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

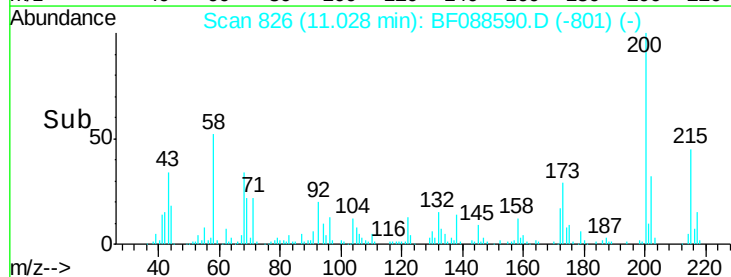
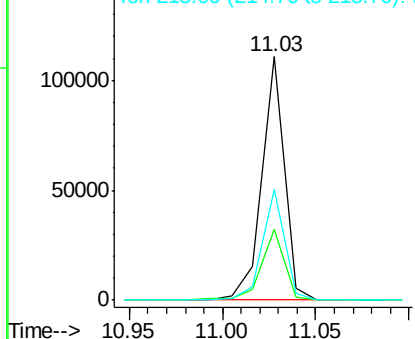


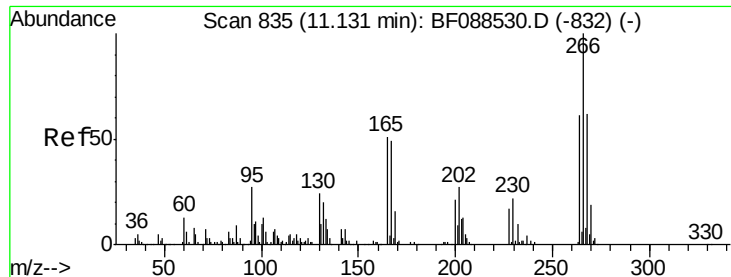
#68
Atrazine
Concen: 24.12 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion: 200 Resp: 91655
Ion Ratio Lower Upper
200 100
173 29.0 4.0 44.0
215 45.5 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

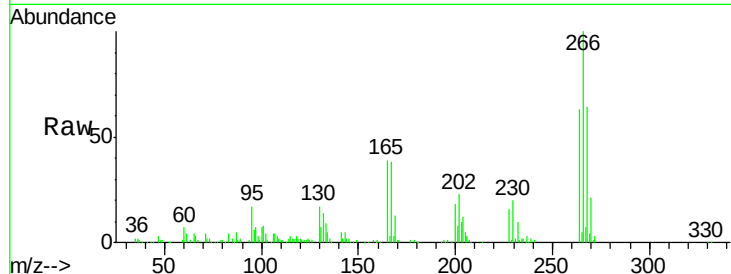




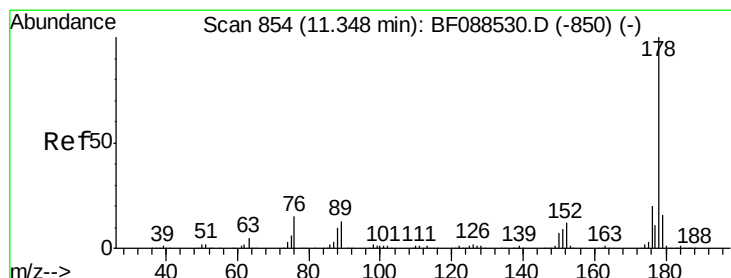
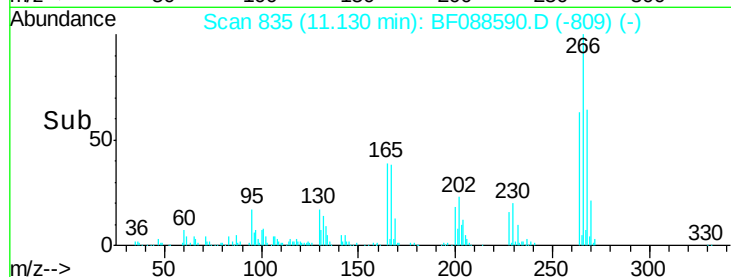
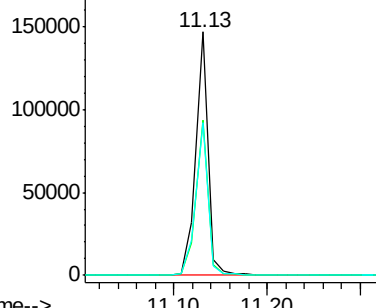
#69
 Pentachlorophenol
 Concen: 56.56 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:266 Resp: 134566
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.8 79.2
 264 62.6 49.6 74.4

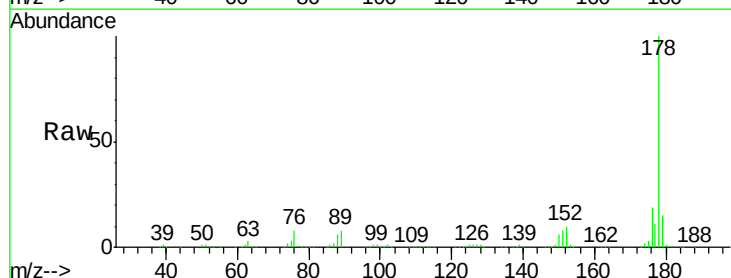


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

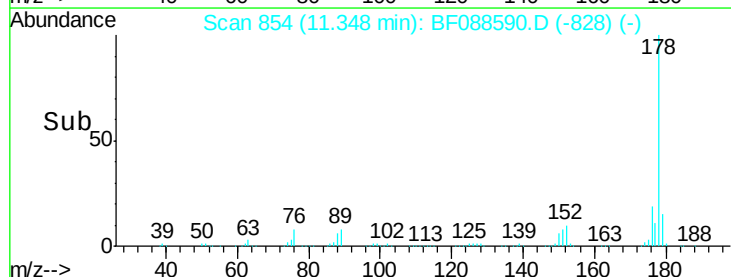
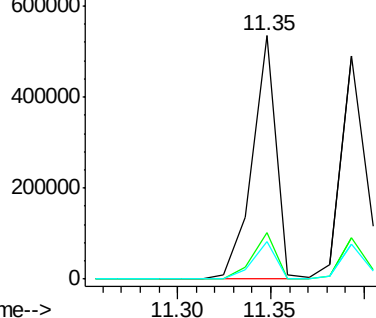


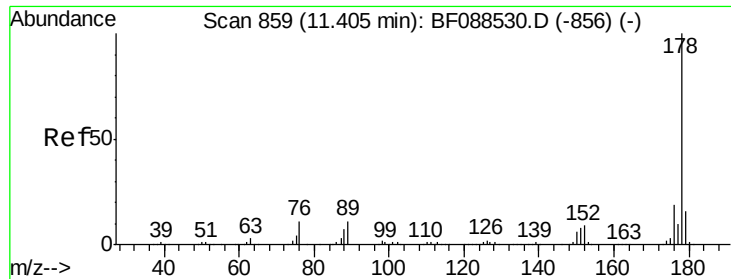
#70
 Phenanthrene
 Concen: 24.09 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:178 Resp: 474518
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.2 13.0 19.4



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

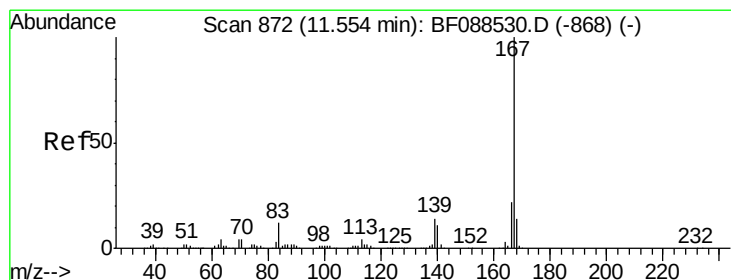
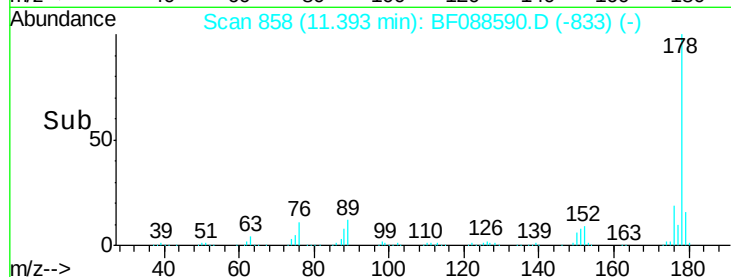
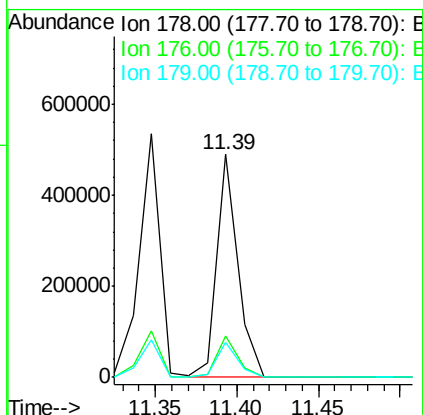
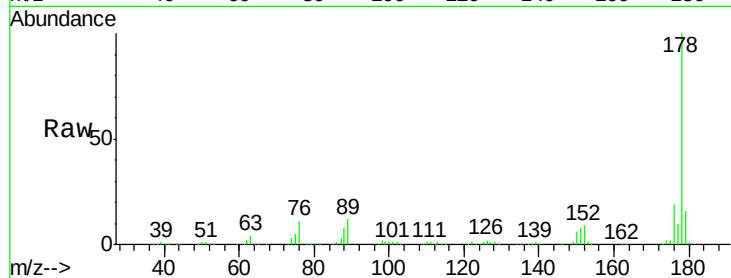




#71
 Anthracene
 Concen: 22.41 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

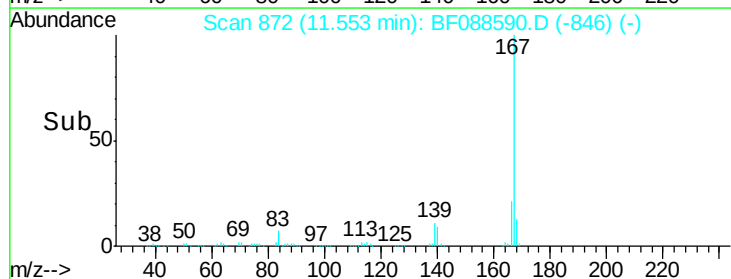
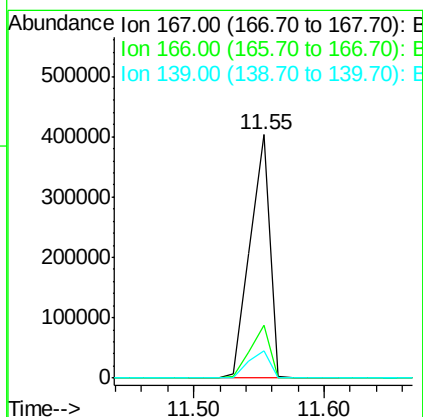
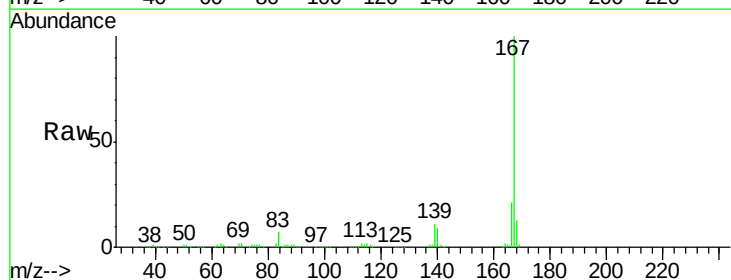
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

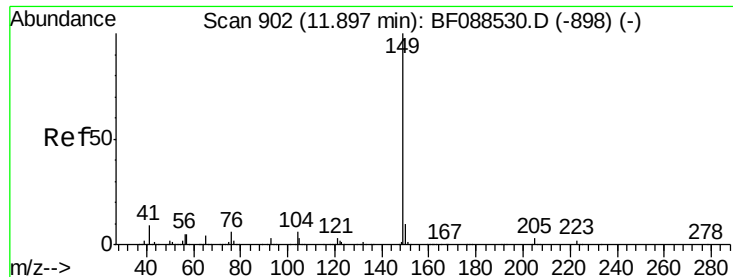
Tgt Ion:178 Resp: 439048
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.9 12.8 19.2



#72
 Carbazole
 Concen: 23.12 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:167 Resp: 426243
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 11.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 25.47 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

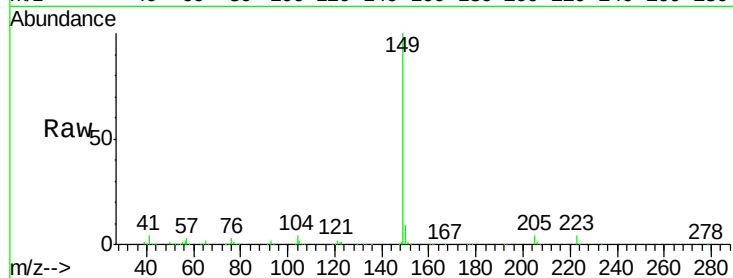
Tgt Ion:149 Resp: 546175

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

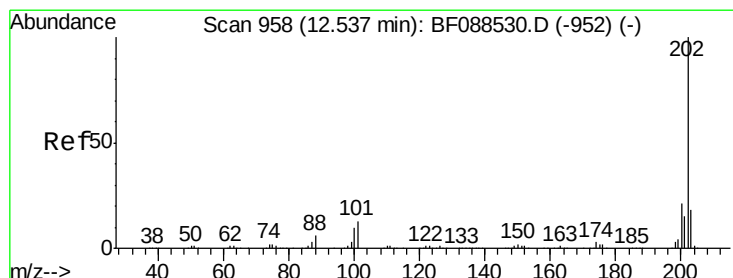
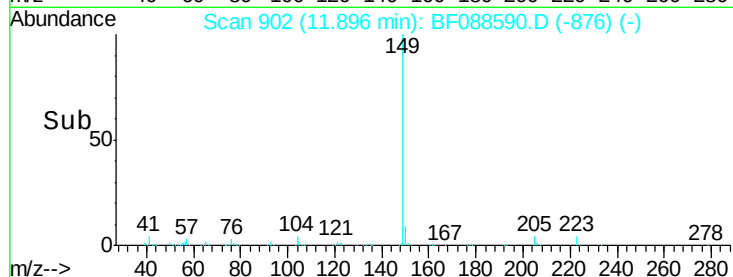
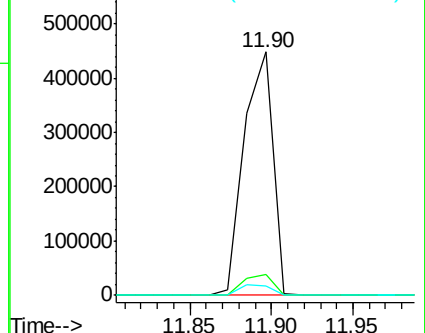
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.47 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

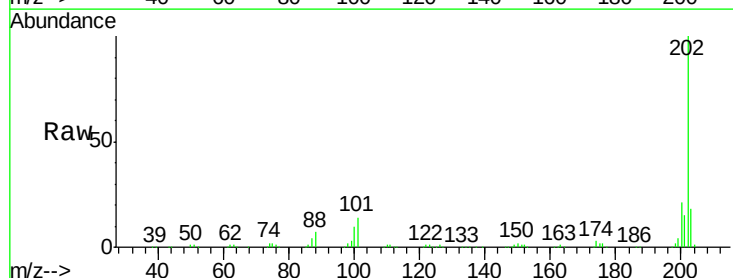
Tgt Ion:202 Resp: 408734

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.1

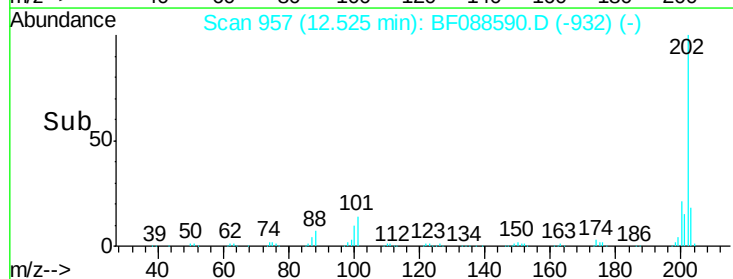
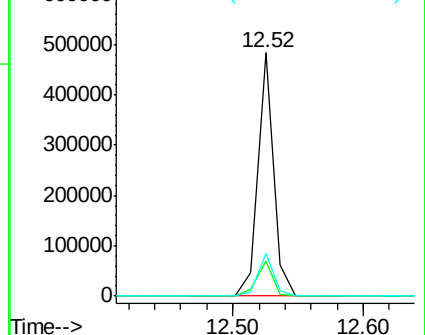
203 17.7 0.0 38.1

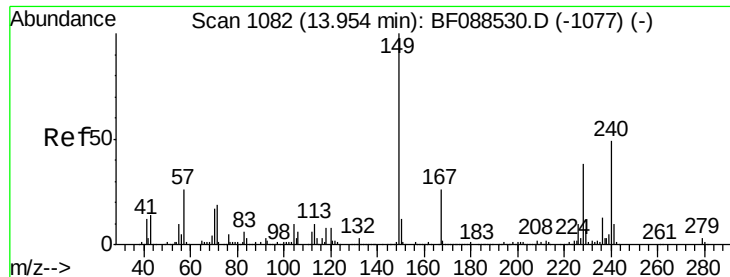


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

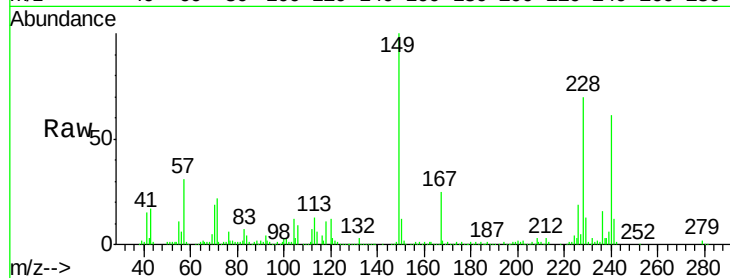
Tgt Ion:240 Resp: 228220

Ion Ratio Lower Upper

240 100

120 19.1 6.8 10.2#

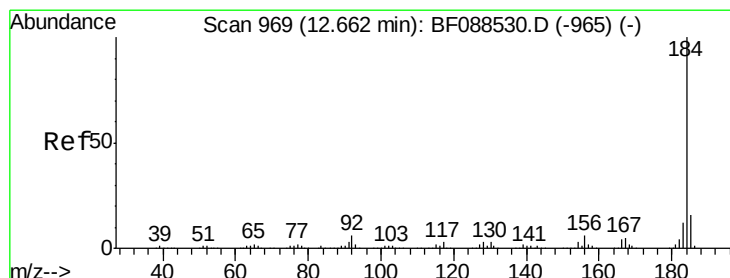
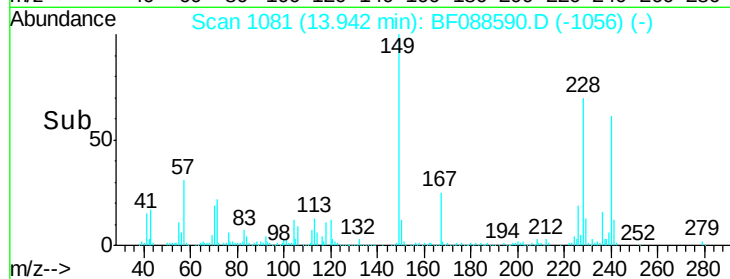
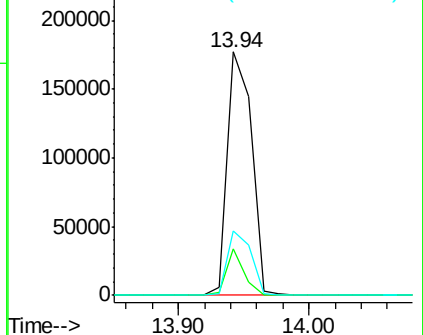
236 26.4 20.2 30.2



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: 33.68 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

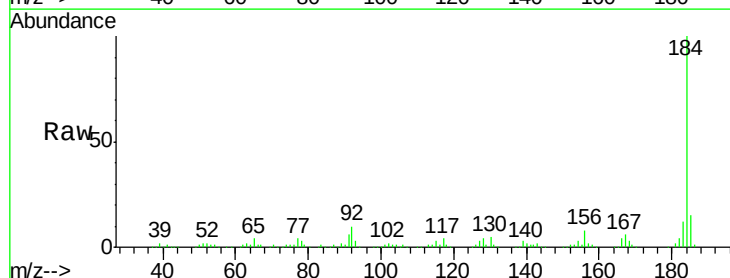
Tgt Ion:184 Resp: 388482

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

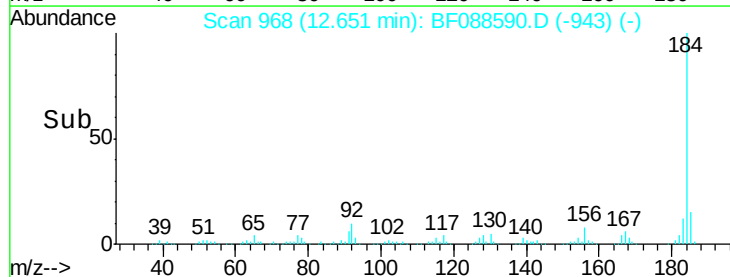
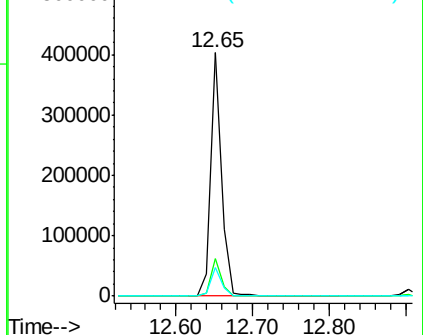
183 11.5 9.3 13.9

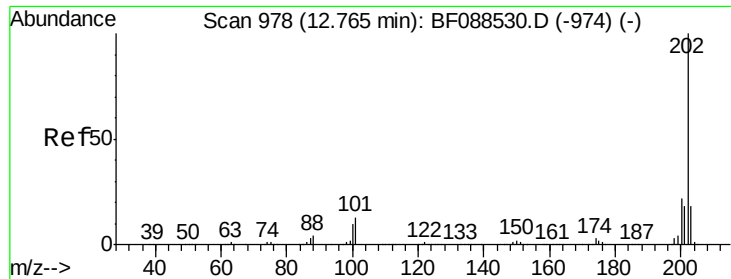


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

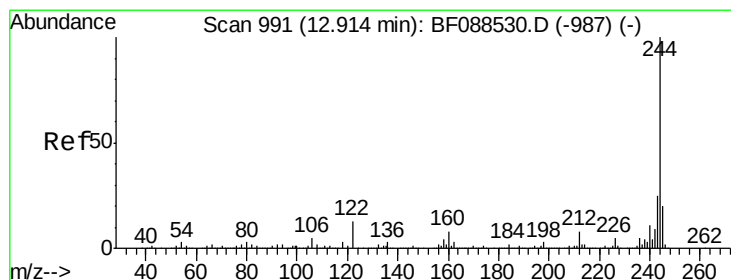
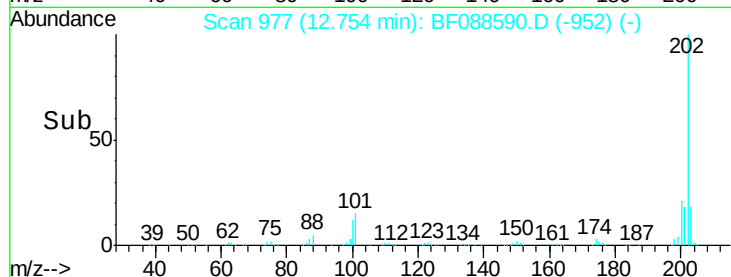
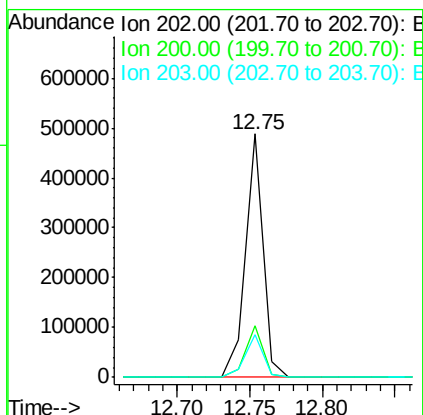
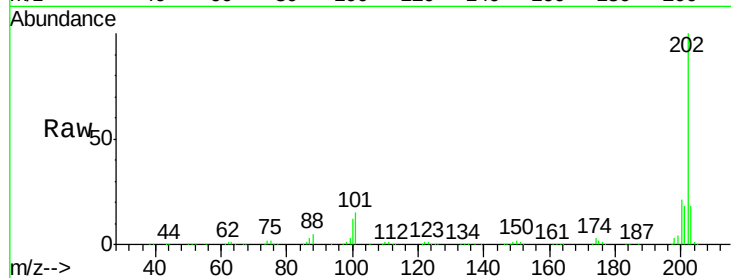




#77
Pyrene
 Concen: 21.24 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

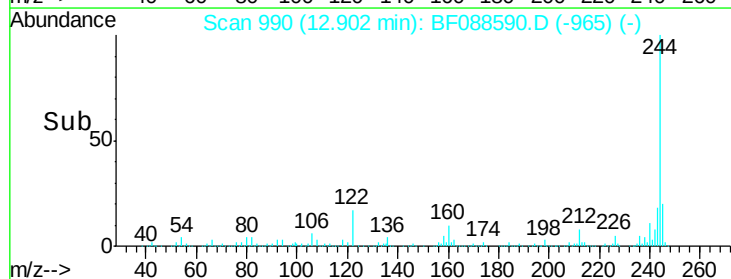
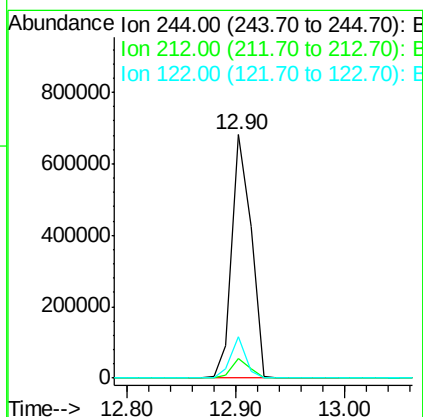
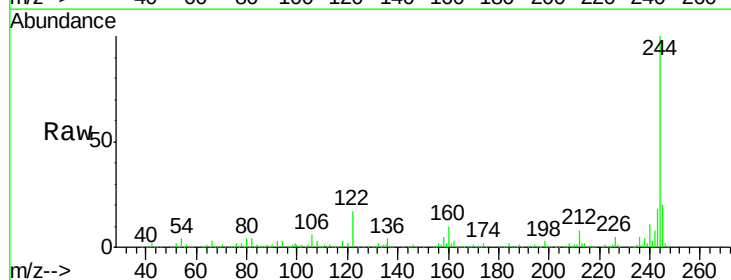
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

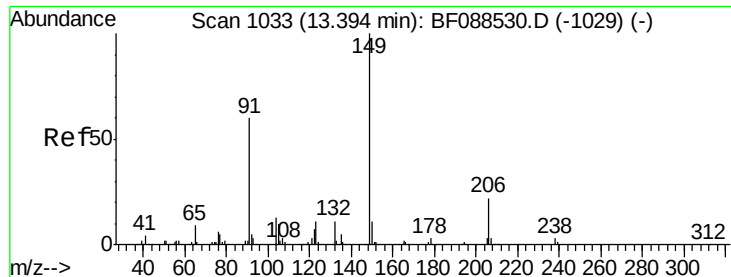
Tgt Ion:202 Resp: 411045
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.7 14.5 21.7



#78
Terphenyl-d14
 Concen: 80.61 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:244 Resp: 825995
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 17.0 11.2 16.8#

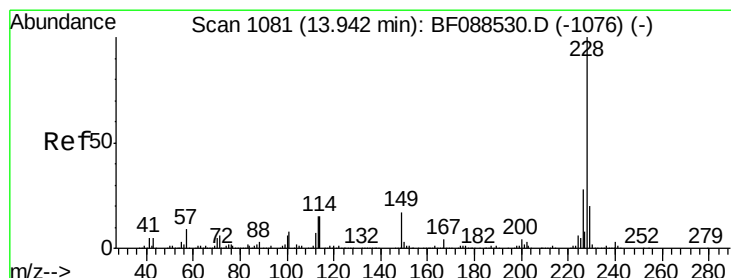
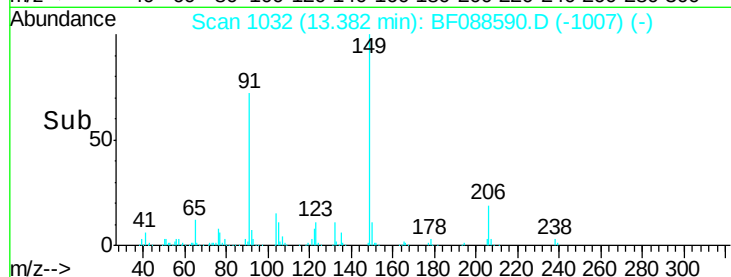
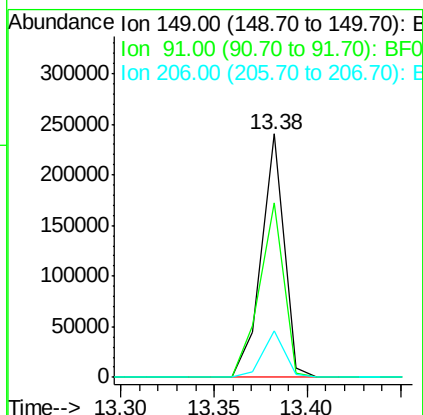
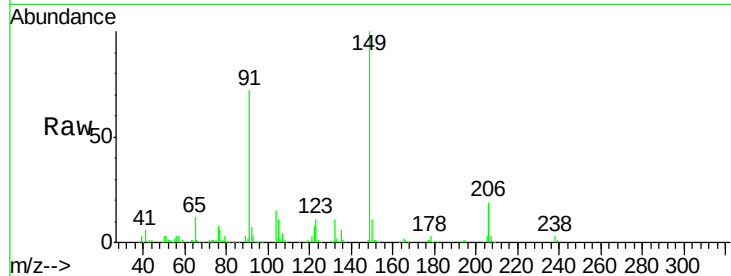




#79
Butylbenzylphthalate
Concen: 23.46 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

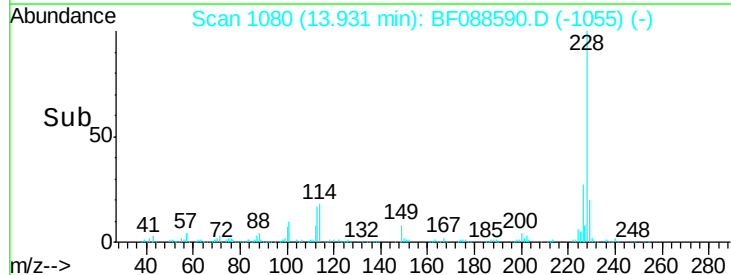
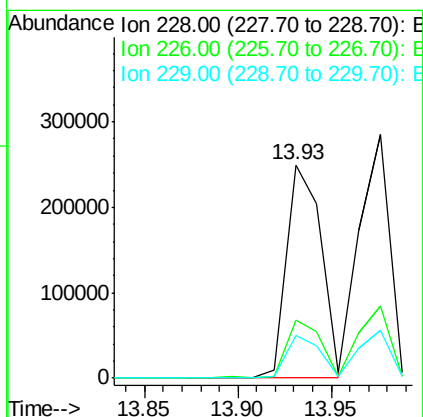
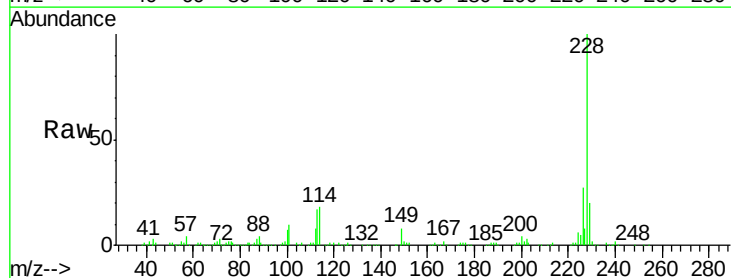
Instrument :
BNA_F
ClientSampleId :
PB91760BS

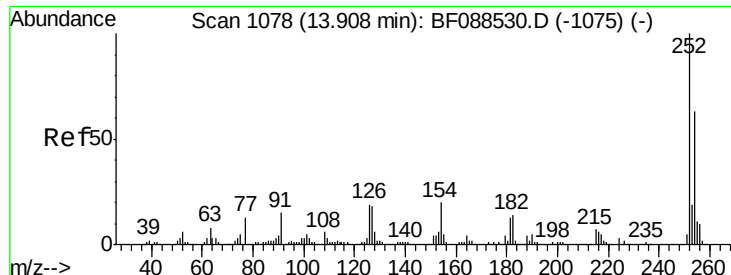
Tgt Ion:149 Resp: 202486
Ion Ratio Lower Upper
149 100
91 71.6 48.0 72.0
206 18.9 16.0 24.0



#80
Benzo(a)anthracene
Concen: 21.97 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:228 Resp: 322915
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.9 16.0 24.0

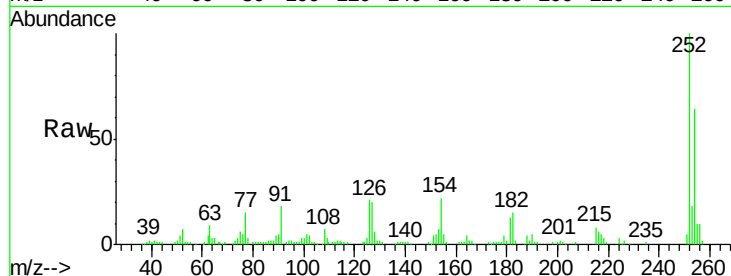




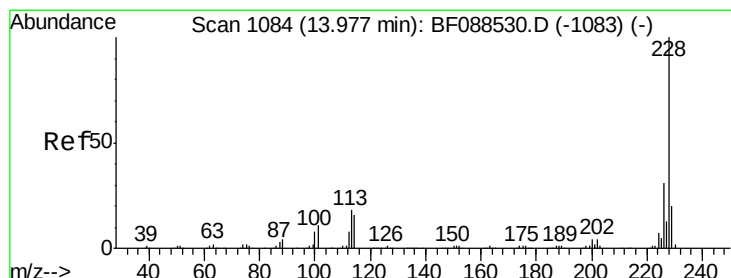
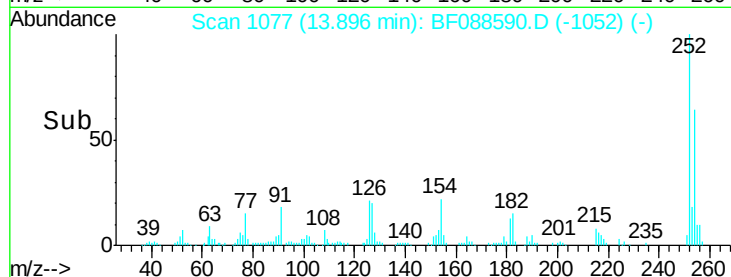
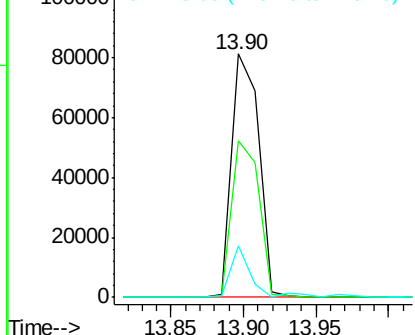
#81
 3,3'-Dichlorobenzidine
 Concen: 19.06 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:252 Resp: 105317
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 21.3 6.2 9.2#

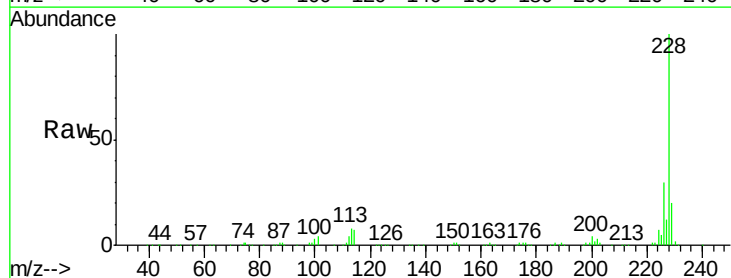


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

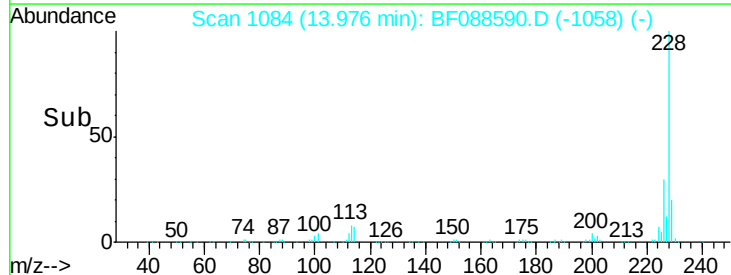
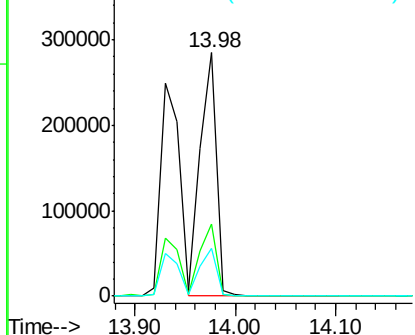


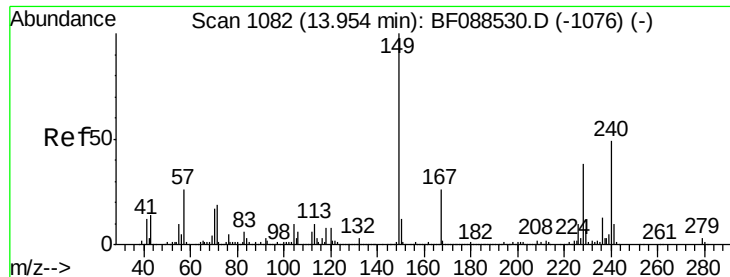
#82
 Chrysene
 Concen: 22.20 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion:228 Resp: 322815
 Ion Ratio Lower Upper
 228 100
 226 29.7 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: 26.44 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

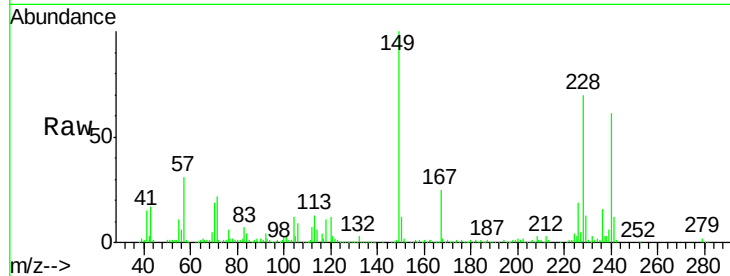
Tgt Ion:149 Resp: 260557

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

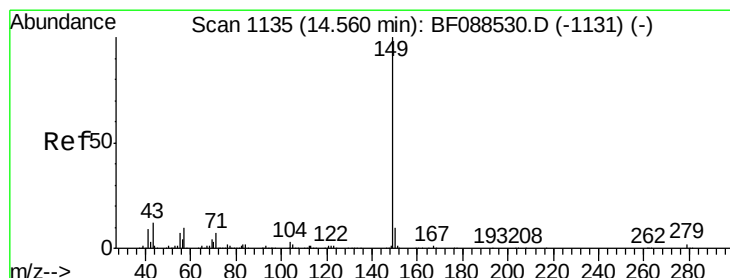
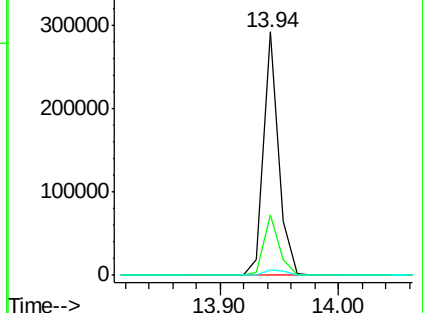
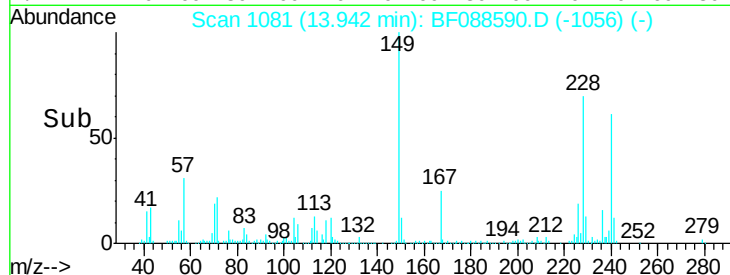
279 2.2 2.0 3.0



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: 26.55 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

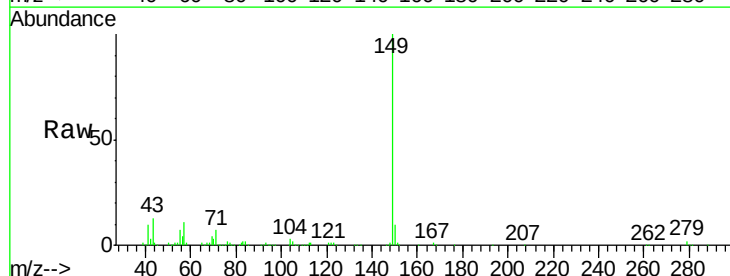
Tgt Ion:149 Resp: 444457

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

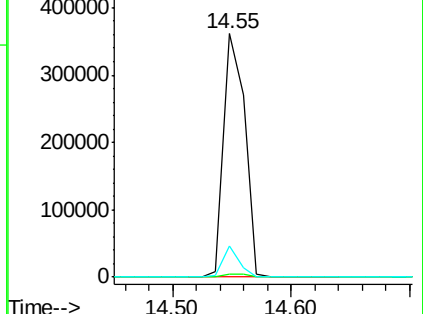
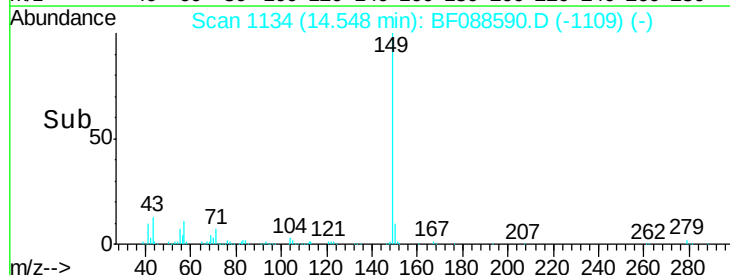
43 9.9 0.0 0.0#

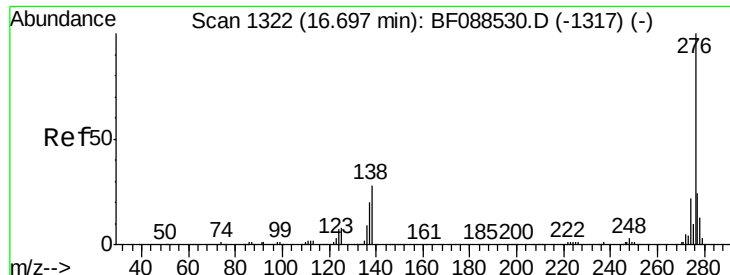


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

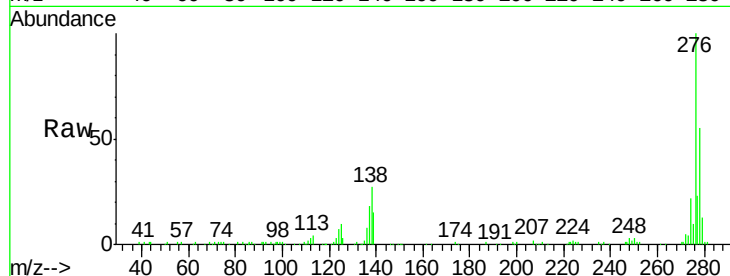




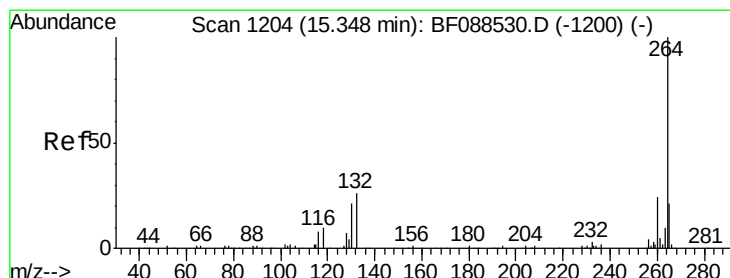
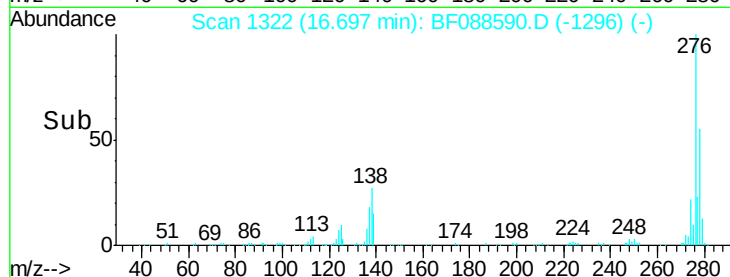
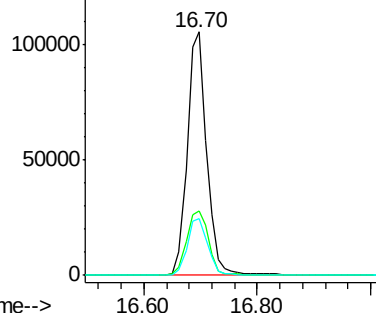
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.37 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	0.0#
277	24.8	0.0	0.0#

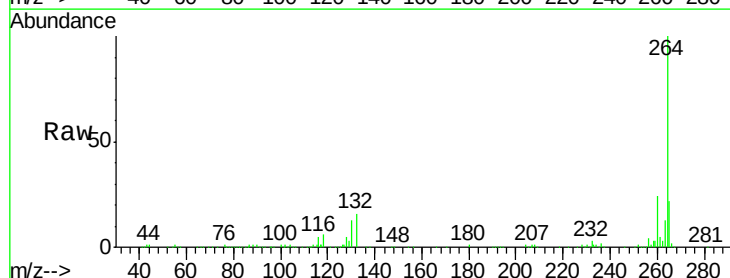


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

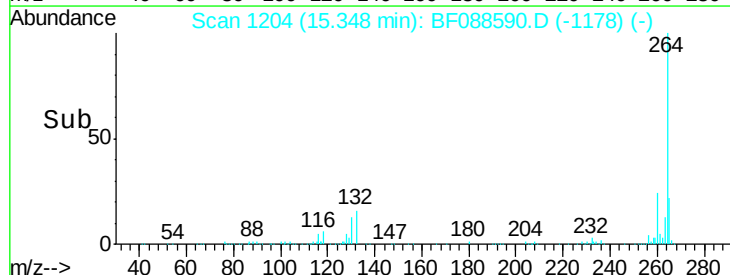
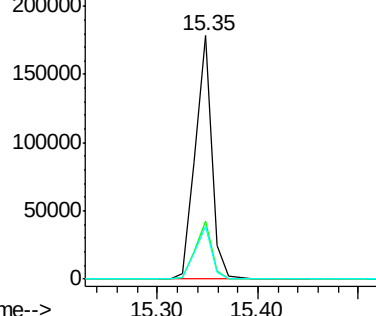


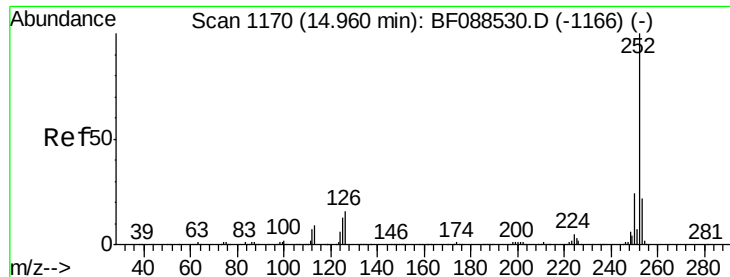
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088590.D
 Acq: 1 Jul 2016 23:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

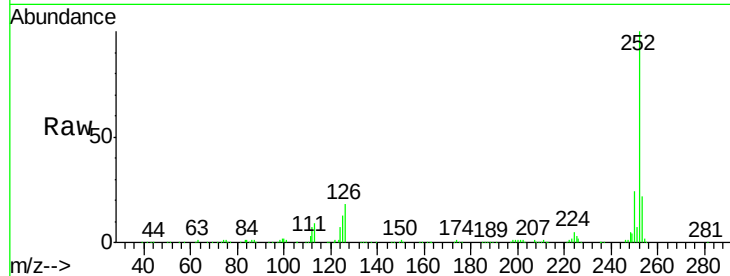




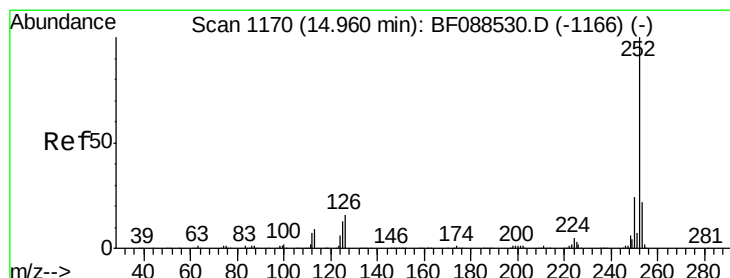
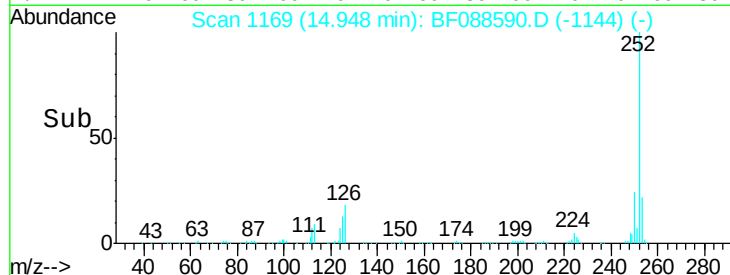
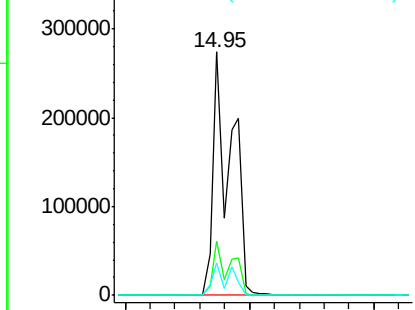
#87
Benzo(b)fluoranthene
Concen: 43.50 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:252 Resp: 559673
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.1 7.1 10.7#

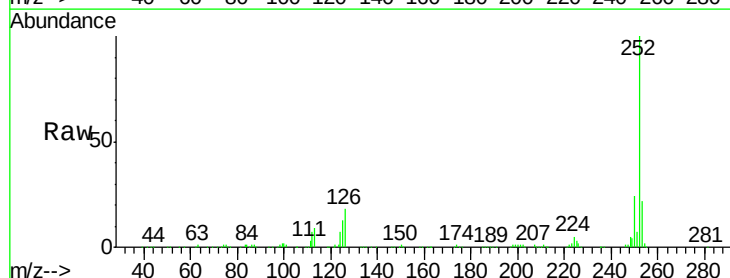


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

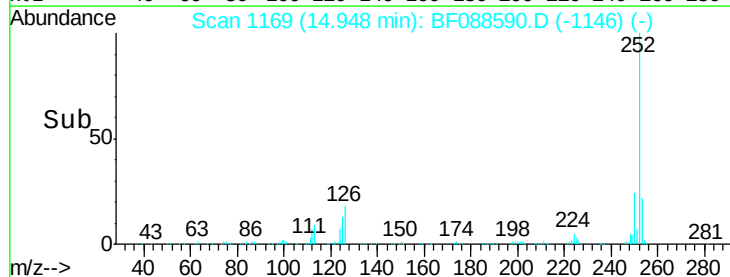
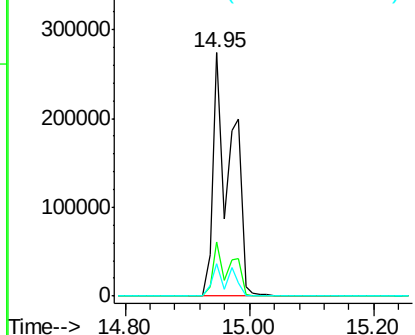


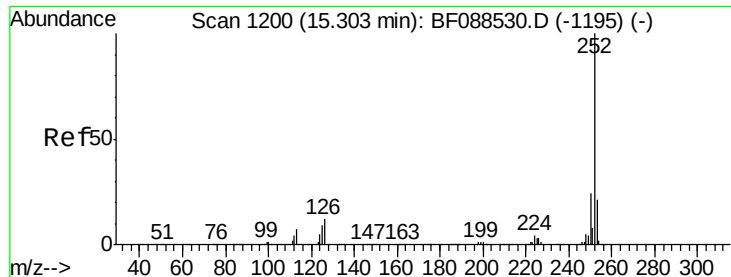
#88
Benzo(k)fluoranthene
Concen: 49.97 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088590.D
Acq: 1 Jul 2016 23:10

Tgt Ion:252 Resp: 559673
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.1 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: 23.21 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

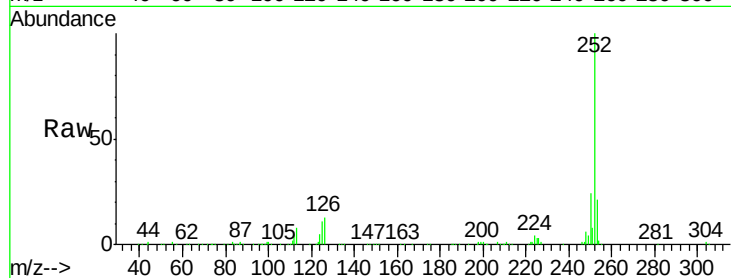
Tgt Ion: 252 Resp: 252841

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 10.6 12.5 18.7#

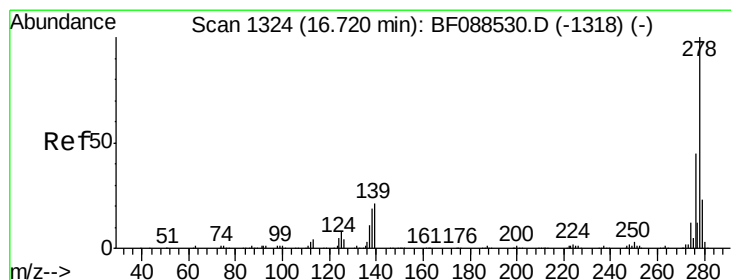
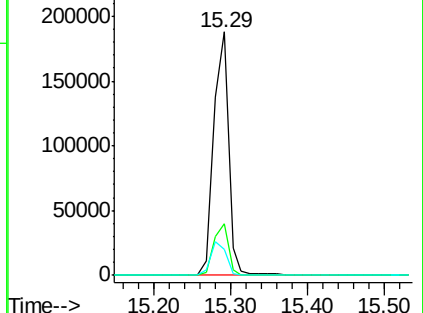
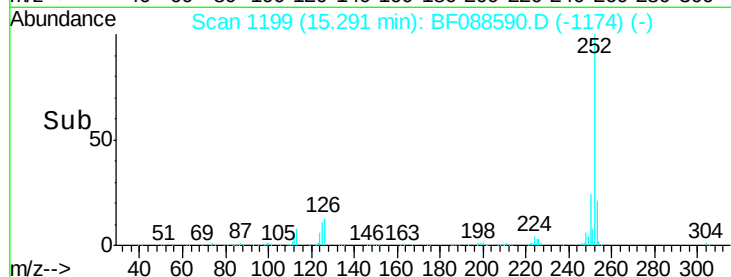


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.29



#90

Dibenzo(a,h)anthracene

Concen: 23.46 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

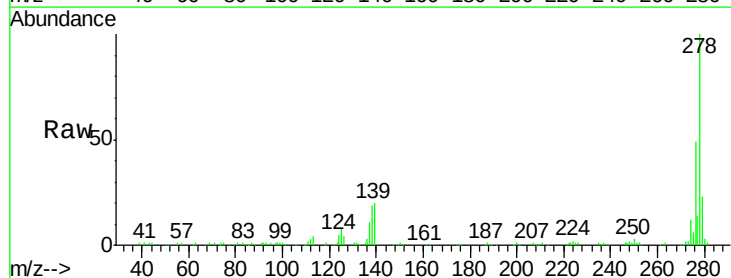
Tgt Ion: 278 Resp: 213438

Ion Ratio Lower Upper

278 100

139 19.9 15.7 23.5

279 23.0 19.4 29.2

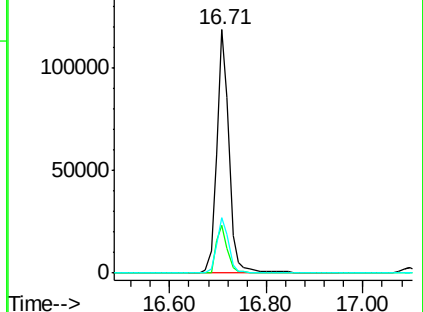
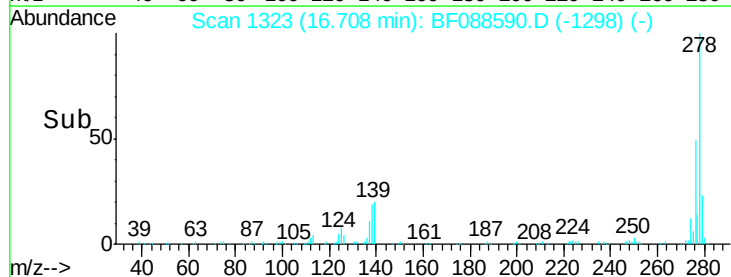


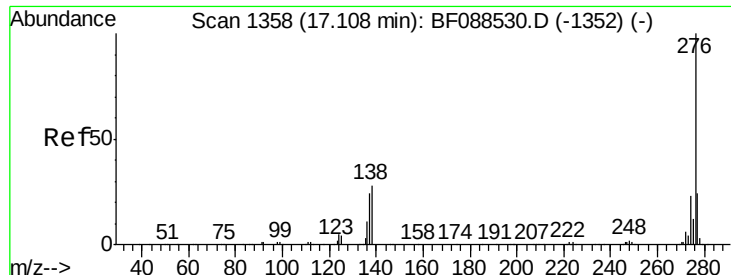
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.71





#91

Benzo(g,h,i)perylene

Concen: 21.51 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088590.D

Acq: 1 Jul 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91760BS

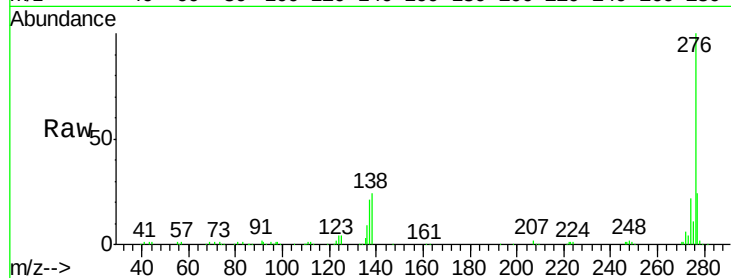
Tgt Ion: 276 Resp: 202479

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.9 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

