

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089603.D
 Acq On : 4 Aug 2016 23:38
 Operator : UM/SJ
 Sample : PB90673BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Quant Time: Aug 05 01:53:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43933	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	191977	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	91485	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	172399	20.00	ng	0.00
75) Chrysene-d12	18.39	240	121772	20.00	ng	0.00
86) Perylene-d12	20.05	264	84326	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	299719	114.34	ng	0.02
7) Phenol-d6	6.98	99	396136	111.40	ng	0.00
23) Nitrobenzene-d5	8.35	82	257414	74.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	86027	113.95	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	502927	71.45	ng	0.00
78) Terphenyl-d14	17.05	244	429048	69.56	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.84	88	41568	27.66	ng	# 84
3) Pyridine	2.40	79	92566	33.52	ng	99
4) n-Nitrosodimethylamine	2.36	42	38903	34.21	ng	94
6) Aniline	6.95	93	117049	25.40	ng	98
8) 2-Chlorophenol	7.12	128	124347	38.64	ng	99
9) Benzaldehyde	6.75	77	34238	26.54	ng	95
10) Phenol	7.00	94	141240	38.69	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	115779	36.91	ng	96
12) 1,3-Dichlorobenzene	7.35	146	121467	34.75	ng	99
13) 1,4-Dichlorobenzene	7.47	146	120273	34.50	ng	99
14) 1,2-Dichlorobenzene	7.70	146	126289	34.37	ng	98
15) Benzyl Alcohol	7.74	79	95484	40.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	139139	34.84	ng	95
17) 2-Methylphenol	7.94	107	92162	39.65	ng	96
18) Hexachloroethane	8.22	117	51088	34.78	ng	89
19) n-Nitroso-di-n-propylamine	8.16	70	93623	36.45	ng	95
20) 3+4-Methylphenols	8.20	107	117358	40.00	ng	99
22) Acetophenone	8.12	105	134648	29.42	ng	97
24) Nitrobenzene	8.39	77	119535	36.26	ng	94
25) Isophorone	8.78	82	250857	37.75	ng	100
26) 2-Nitrophenol	8.89	139	55634	36.77	ng	99
27) 2,4-Dimethylphenol	9.03	122	107813	39.64	ng	98
28) bis(2-Chloroethoxy)methane	9.16	93	149259	37.12	ng	98
29) 2,4-Dichlorophenol	9.30	162	95548	37.12	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	103844	35.33	ng	97
31) Naphthalene	9.51	128	365782	35.85	ng	99
32) Benzoic acid	9.34	122	45930	26.88	ng	97
33) 4-Chloroaniline	9.67	127	42610	11.12	ng	98
34) Hexachlorobutadiene	9.72	225	56637	33.46	ng	98
35) Caprolactam	10.26	113	13439	17.92	ng	88
36) 4-Chloro-3-methylphenol	10.50	107	113746	38.02	ng	94
37) 2-Methylnaphthalene	10.63	142	229980	36.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	91929	26.74	ng	98
40) Hexachlorocyclopentadiene	10.89	237	85043	72.43	ng	99

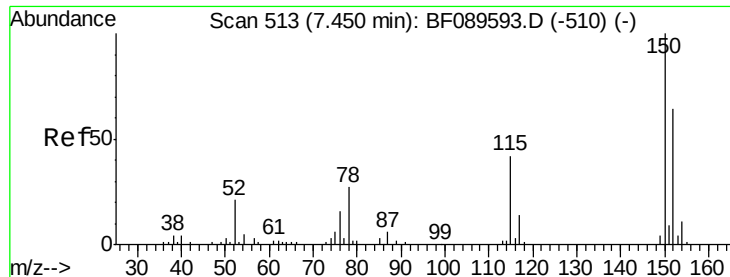
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	61518	36.27	ng	98
43) 2,4,5-Trichlorophenol	11.20	196	70052	38.65	ng	97
45) 1,1'-Biphenyl	11.40	154	262418	31.81	ng	100
46) 2-Chloronaphthalene	11.42	162	222038	35.90	ng	98
47) 2-Nitroaniline	11.62	65	69510	34.86	ng	98
48) Acenaphthylene	12.07	152	366231	35.94	ng	100
49) Dimethylphthalate	11.96	163	280967	39.18	ng	100
50) 2,6-Dinitrotoluene	12.04	165	57380	40.25	ng	97
51) Acenaphthene	12.35	154	212191	36.05	ng	99
52) 3-Nitroaniline	12.31	138	31724	18.60	ng	# 94
53) 2,4-Dinitrophenol	12.50	184	42207	70.49	ng	98
54) Dibenzofuran	12.64	168	328322	40.58	ng	99
55) 4-Nitrophenol	12.64	139	199476	Below Cal		# 23
56) 2,4-Dinitrotoluene	12.70	165	79311	39.55	ng	98
57) Fluorene	13.19	166	264074	38.18	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.87	232	55891	40.62	ng	98
59) Diethylphthalate	13.11	149	287260	38.74	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	119470	37.67	ng	98
61) 4-Nitroaniline	13.31	138	53990	35.22	ng	95
62) Azobenzene	13.47	77	306740	42.77	ng	92
64) 4,6-Dinitro-2-methylphenol	13.36	198	38196	37.52	ng	98
65) n-Nitrosodiphenylamine	13.44	169	224974	38.64	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	66366	39.80	ng	96
67) Hexachlorobenzene	14.07	284	65456	35.68	ng	99
68) Atrazine	14.35	200	72389	44.53	ng	98
69) Pentachlorophenol	14.42	266	57974	74.14	ng	98
70) Phenanthrene	14.73	178	368535	39.31	ng	99
71) Anthracene	14.81	178	384767	38.28	ng	100
72) Carbazole	15.10	167	334321	39.91	ng	99
73) Di-n-butylphthalate	15.69	149	448967	39.63	ng	99
74) Fluoranthene	16.49	202	374607	38.87	ng	99
76) Benzidine	16.73	184	122735	33.25	ng	99
77) Pyrene	16.79	202	362510	33.67	ng	98
79) Butylbenzylphthalate	17.73	149	178340	38.93	ng	98
80) Benzo(a)anthracene	18.38	228	268828	38.42	ng	98
81) 3,3'-Dichlorobenzidine	18.37	252	52801	23.95	ng	98
82) Chrysene	18.42	228	274838	37.44	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	244111	38.48	ng	100
84) Di-n-octyl phthalate	19.23	149	361880	39.64	ng	99
85) Indeno(1,2,3-cd)pyrene	21.22	276	199333	35.76	ng	100
87) Benzo(b)fluoranthene	19.65	252	206005	39.72	ng	100
88) Benzo(k)fluoranthene	19.65	252	206005	39.37	ng	# 96
89) Benzo(a)pyrene	19.99	252	190876	39.31	ng	99
90) Dibenzo(a,h)anthracene	21.23	278	167726	36.98	ng	99
91) Benzo(g,h,i)perylene	21.55	276	170553	36.73	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089603.D

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PB92673BS

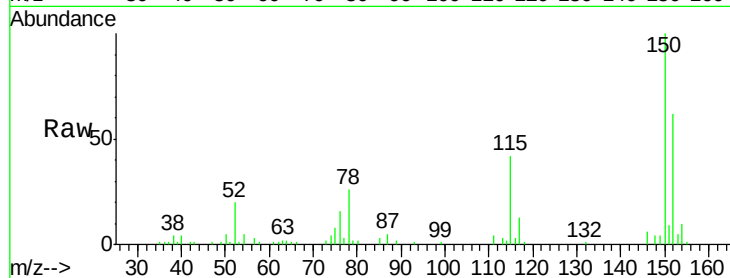
Tgt Ion:152 Resp: 43933

Ion Ratio Lower Upper

152 100

150 160.2 125.5 188.3

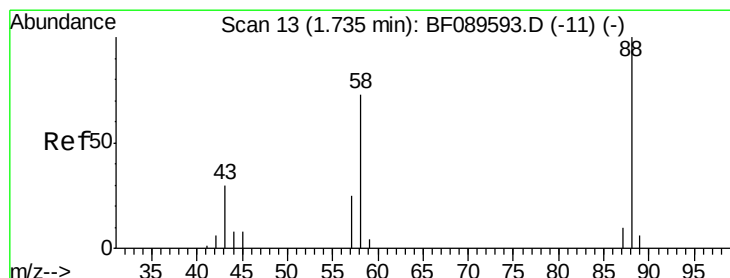
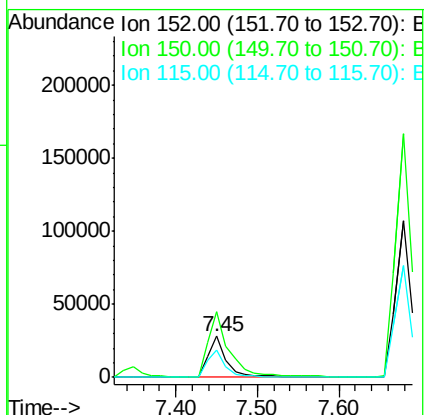
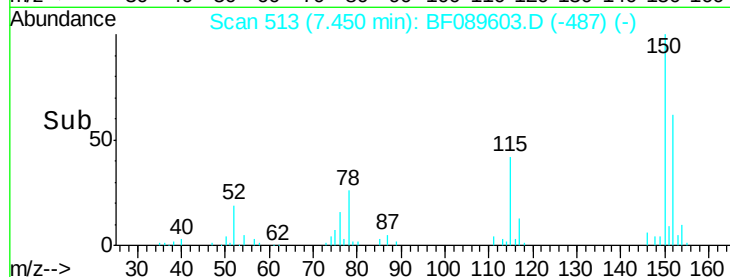
115 67.3 52.0 78.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.66 ng

RT: 1.84 min Scan# 22

Delta R.T. 0.10 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

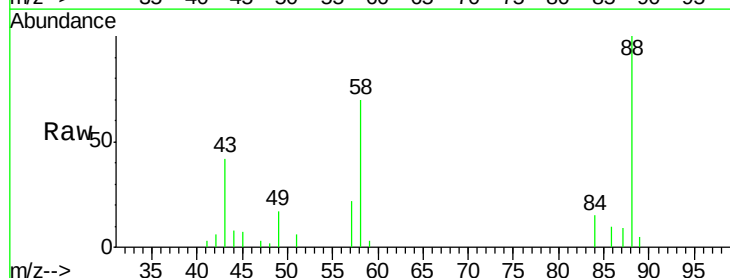
Tgt Ion: 88 Resp: 41568

Ion Ratio Lower Upper

88 100

58 68.0 49.8 74.8

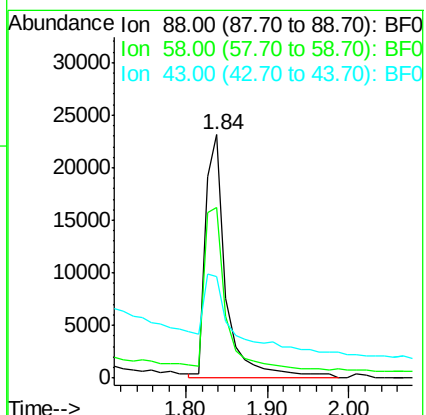
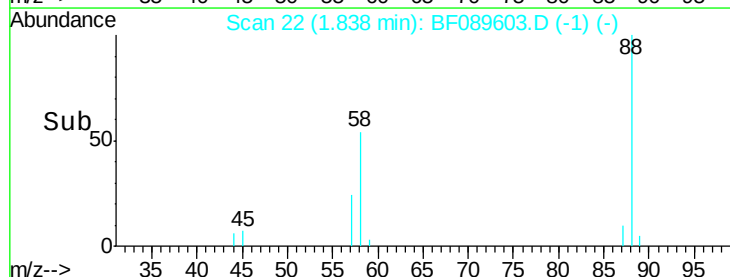
43 44.0 20.1 30.1#

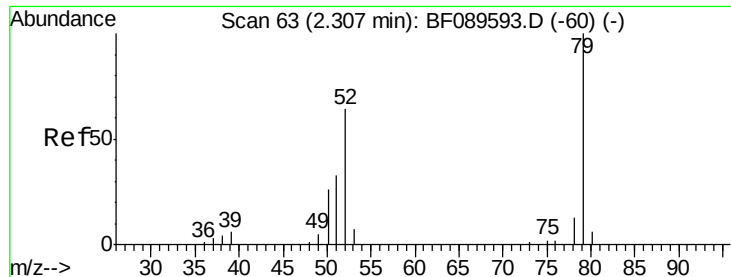


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.52 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.09 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

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ClientSampleId :

PB92673BS

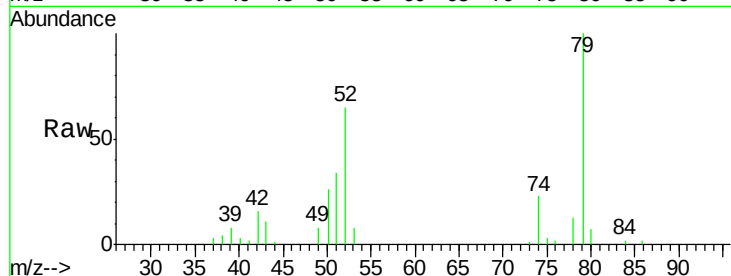
Tgt Ion: 79 Resp: 92566

Ion Ratio Lower Upper

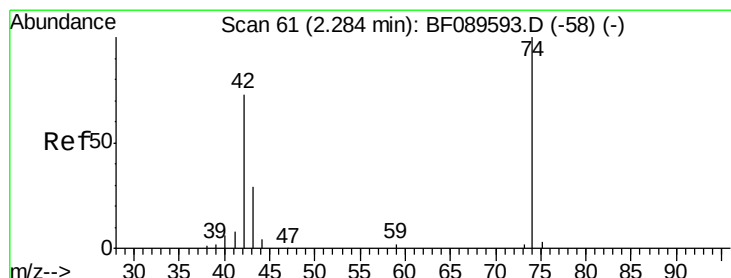
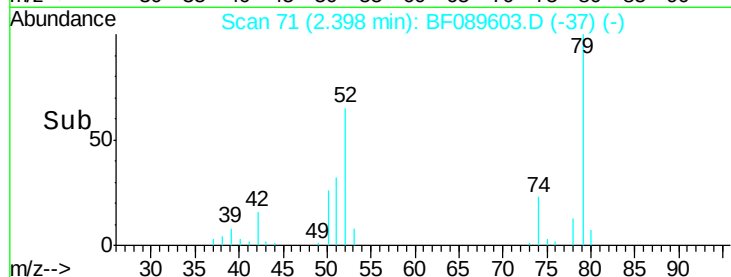
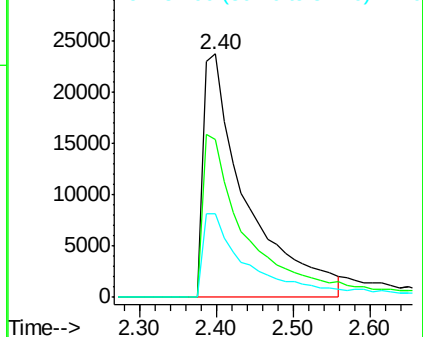
79 100

52 65.1 51.0 76.4

51 34.4 27.9 41.9



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: 34.21 ng

RT: 2.36 min Scan# 68

Delta R.T. 0.08 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

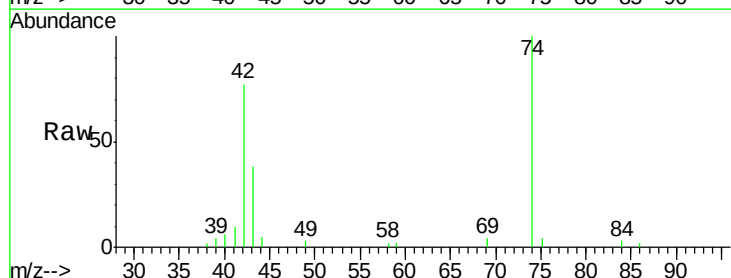
Tgt Ion: 42 Resp: 38903

Ion Ratio Lower Upper

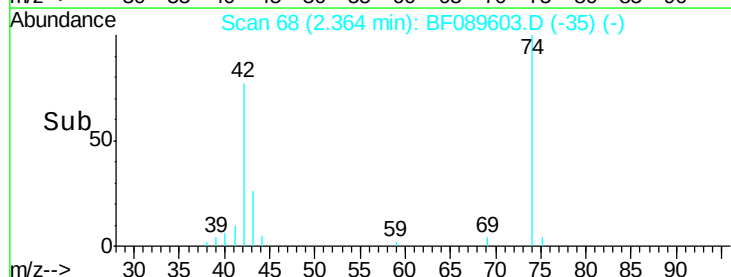
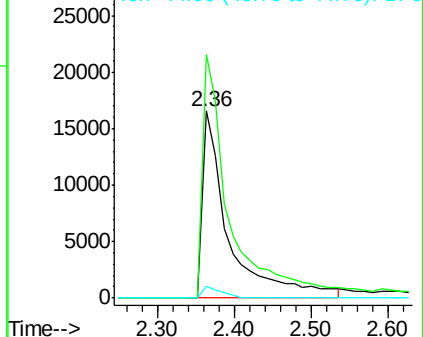
42 100

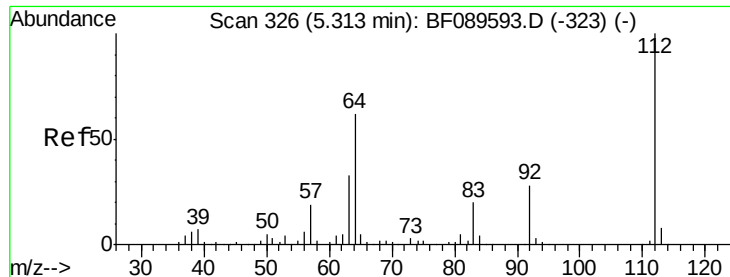
74 130.3 110.0 165.0

44 6.4 4.8 7.2



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: 114.34 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

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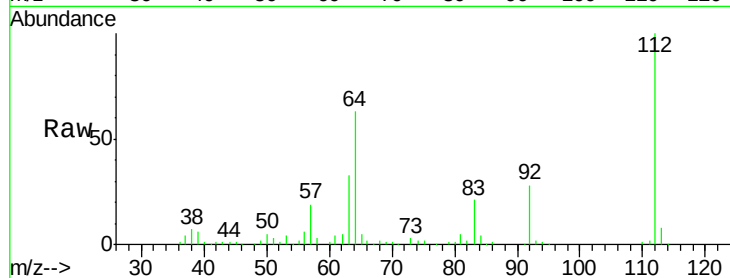
Tgt Ion: 112 Resp: 299719

Ion Ratio Lower Upper

112 100

64 63.0 49.9 74.9

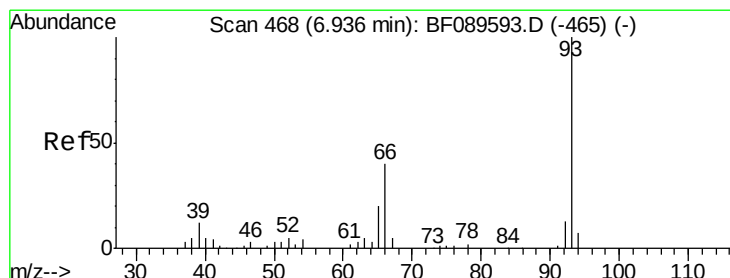
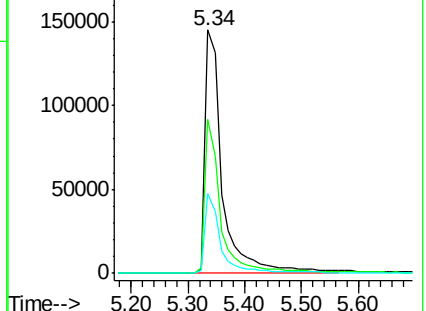
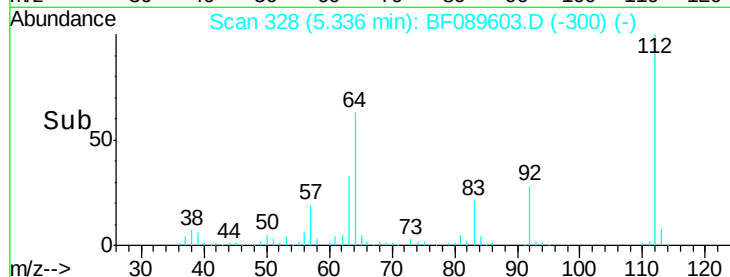
63 32.9 26.1 39.1



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: 25.40 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

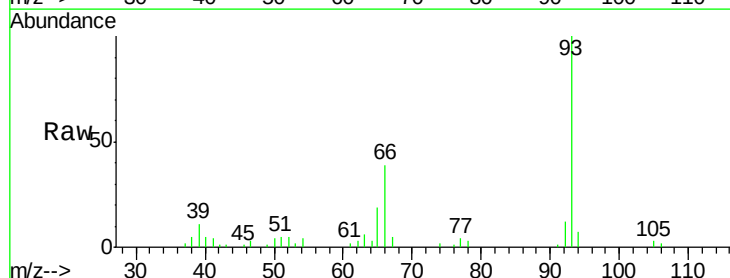
Tgt Ion: 93 Resp: 117049

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

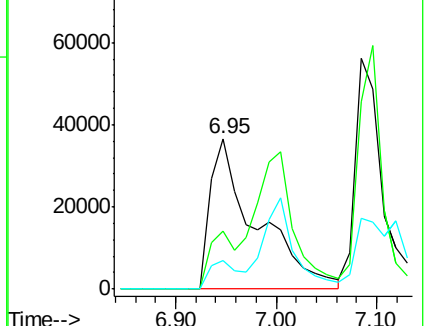
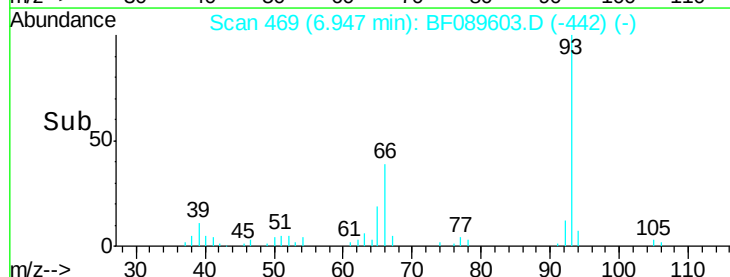
65 18.6 15.8 23.8

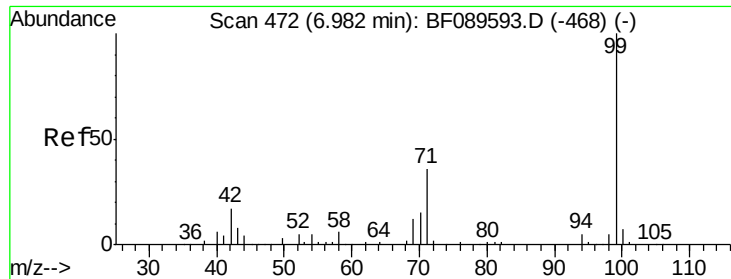


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.40 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089603.D

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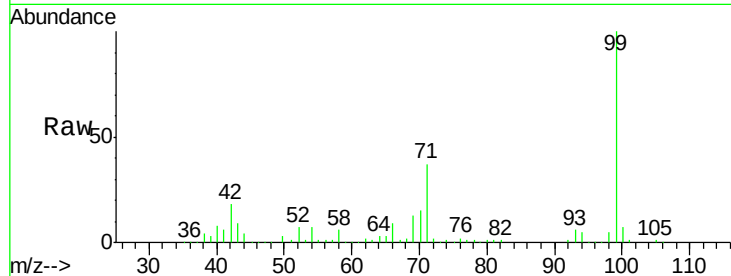
Tgt Ion: 99 Resp: 396136

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

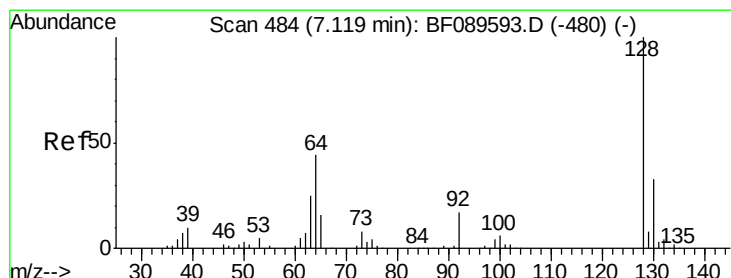
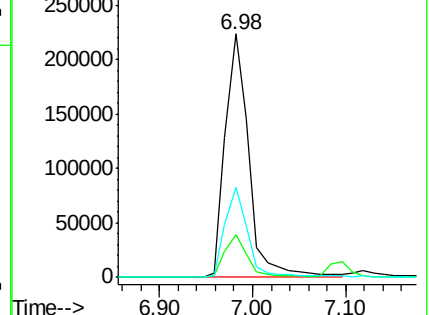
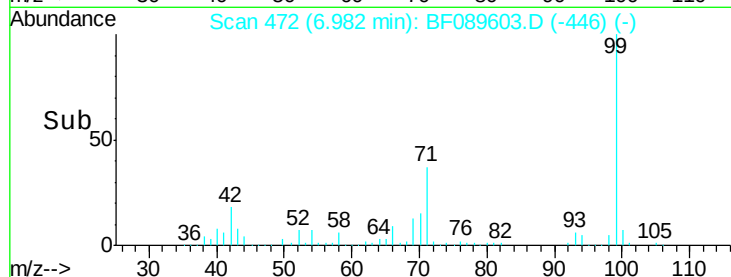
71 37.0 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.64 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

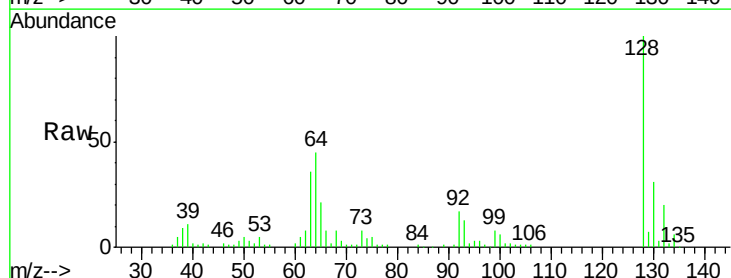
Tgt Ion: 128 Resp: 124347

Ion Ratio Lower Upper

128 100

130 31.3 12.6 52.6

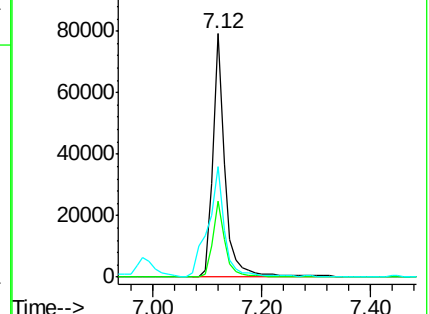
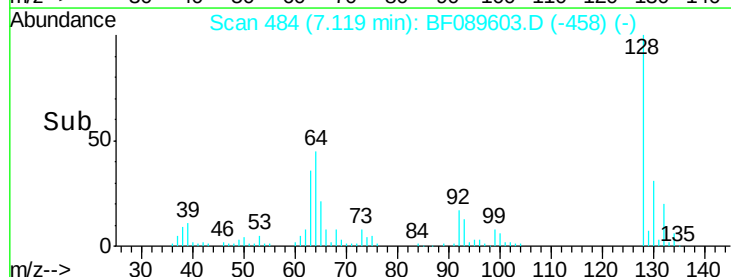
64 45.3 25.3 65.3

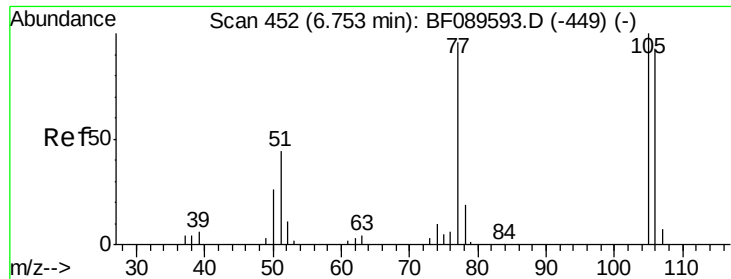


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

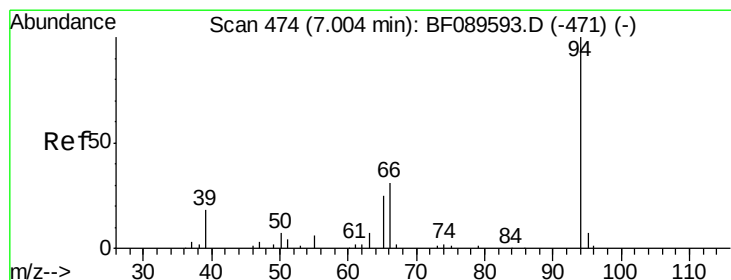
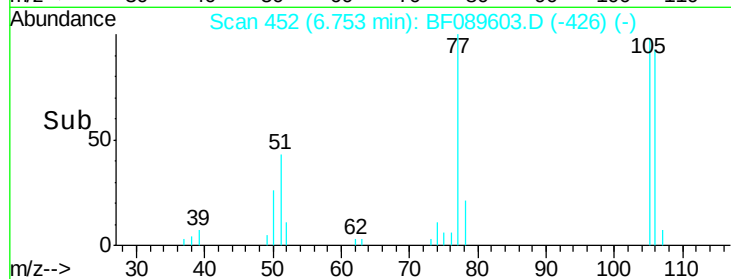
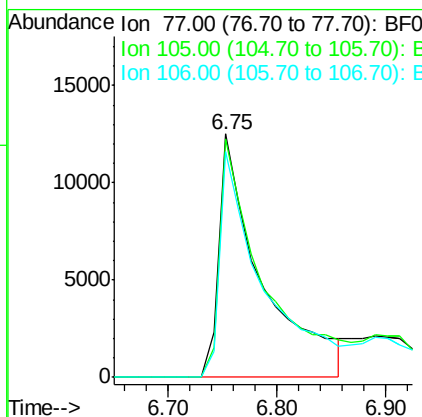
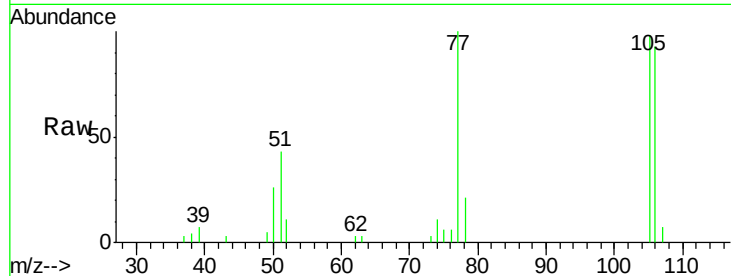




#9
Benzaldehyde
Concen: 26.54 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

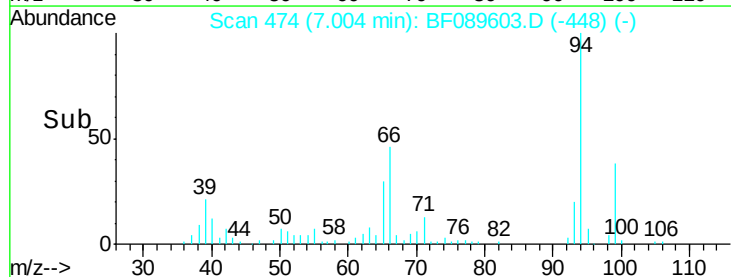
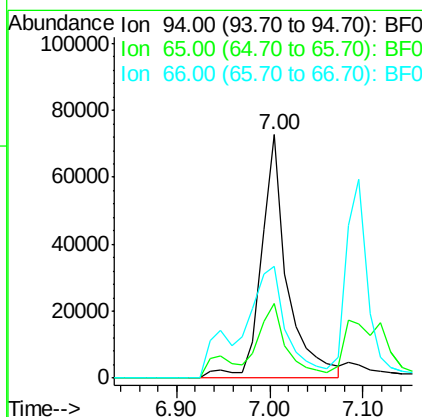
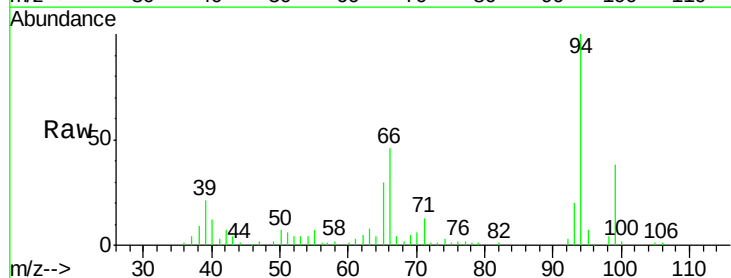
Instrument :
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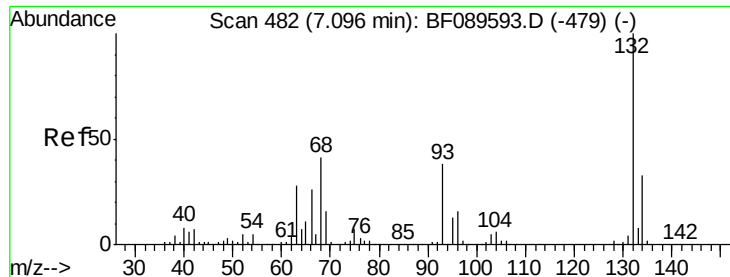
Tgt Ion: 77 Resp: 34238
Ion Ratio Lower Upper
77 100
105 98.0 84.7 124.7
106 92.9 77.1 117.1



#10
Phenol
Concen: 38.69 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion: 94 Resp: 141240
Ion Ratio Lower Upper
94 100
65 30.4 11.0 51.0
66 45.8 27.4 67.4

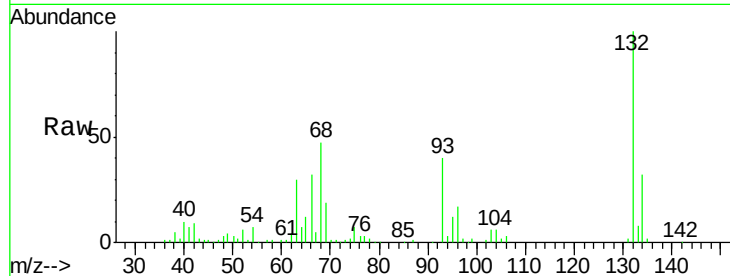




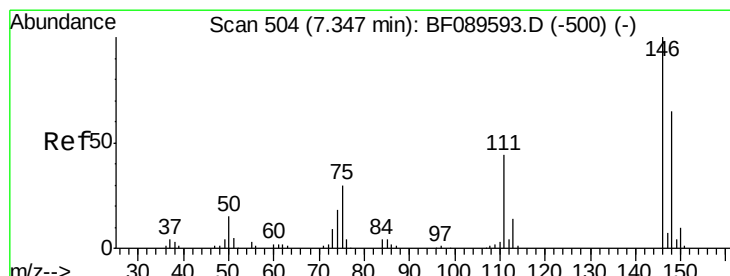
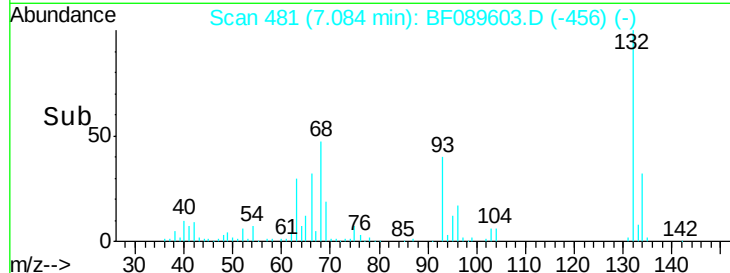
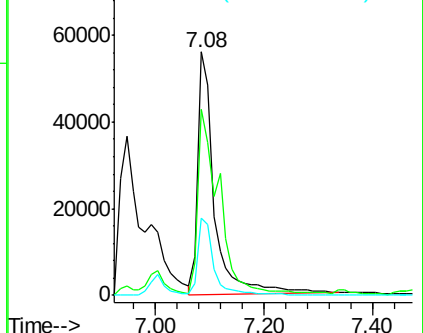
#11
bis(2-Chloroethyl)ether
Concen: 36.91 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Instrument :
BNA_F
ClientSampleId :
PB92673BS

Tgt Ion: 93 Resp: 115779
Ion Ratio Lower Upper
93 100
63 76.2 52.2 92.2
95 31.5 13.1 53.1

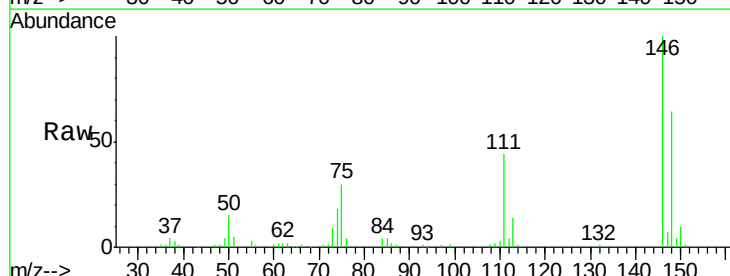


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

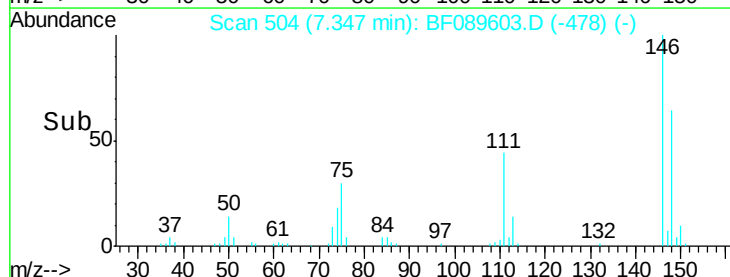
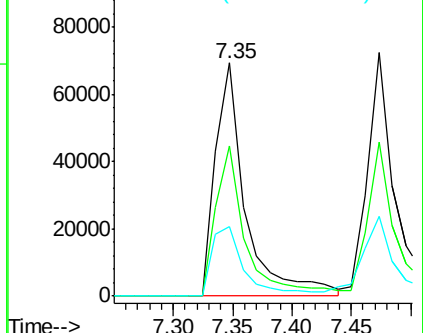


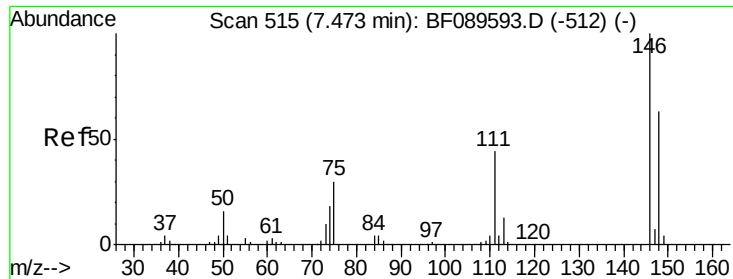
#12
1,3-Dichlorobenzene
Concen: 34.75 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion: 146 Resp: 121467
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 30.1 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 34.50 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

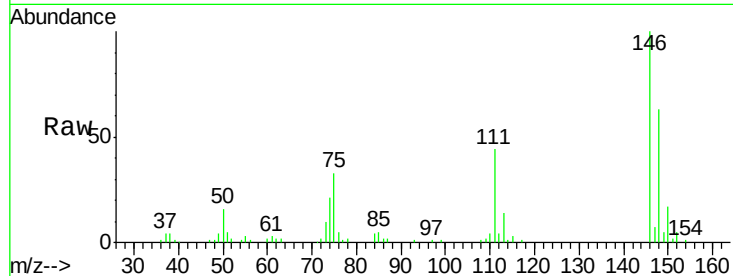
Tgt Ion:146 Resp: 120273

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

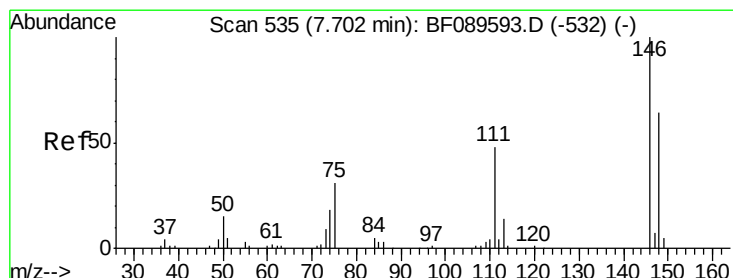
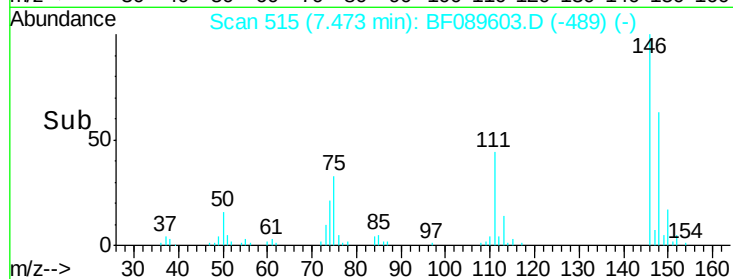
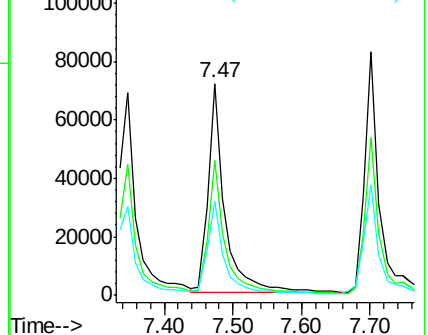
111 44.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.37 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

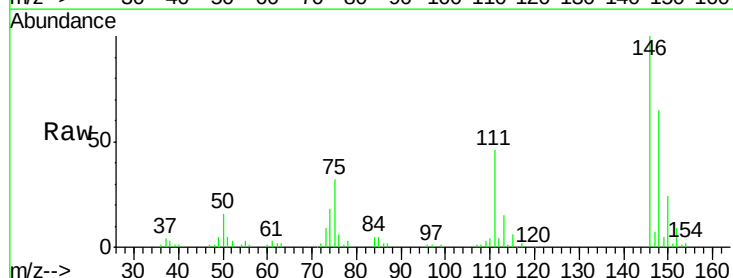
Tgt Ion:146 Resp: 126289

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

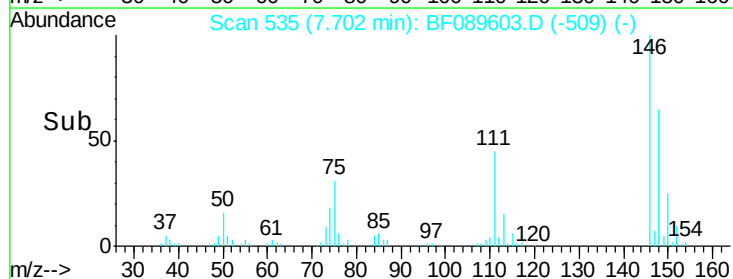
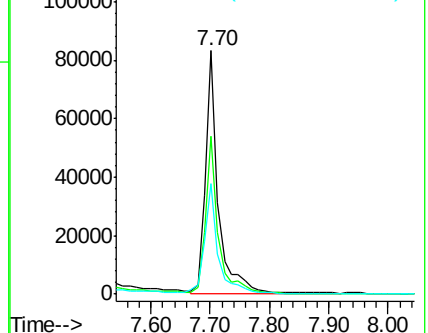
111 45.5 38.5 57.7

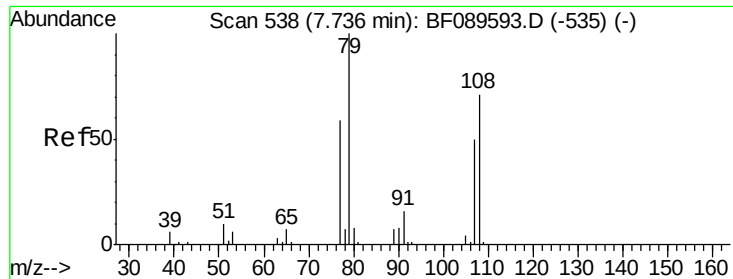


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

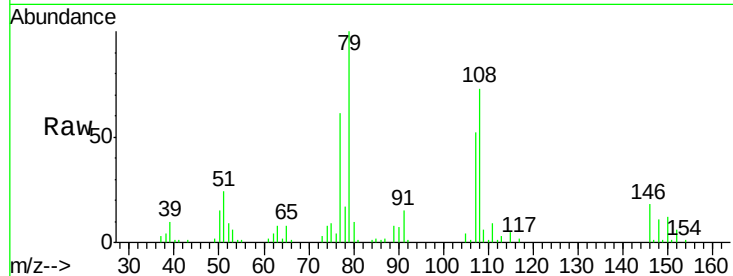




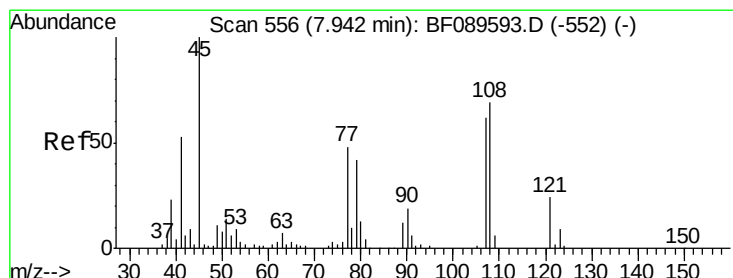
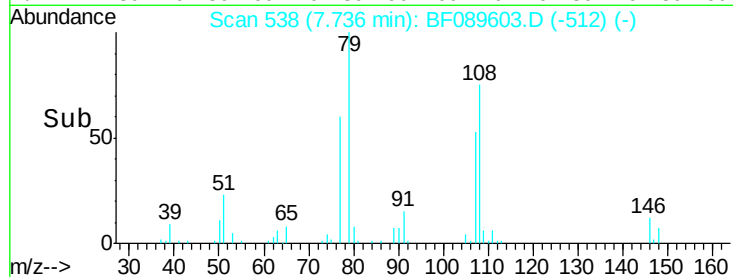
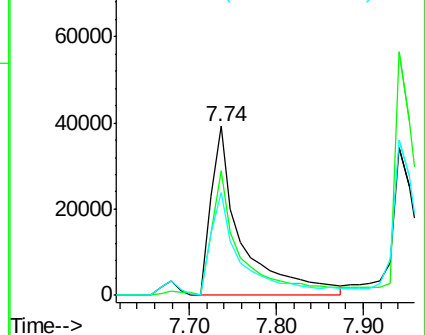
#15
Benzyl Alcohol
Concen: 40.95 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Instrument :
BNA_F
ClientSampleId :
PB92673BS

Tgt Ion: 79 Resp: 95484
Ion Ratio Lower Upper
79 100
108 73.3 58.3 87.5
77 61.1 48.7 73.1

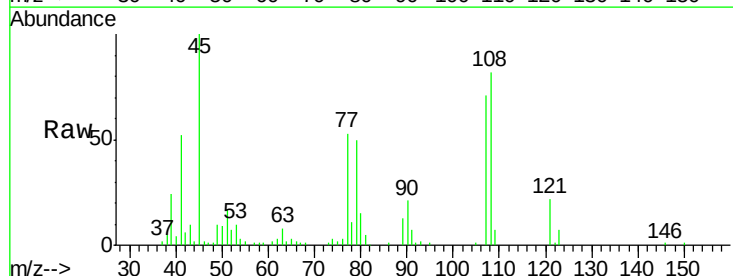


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

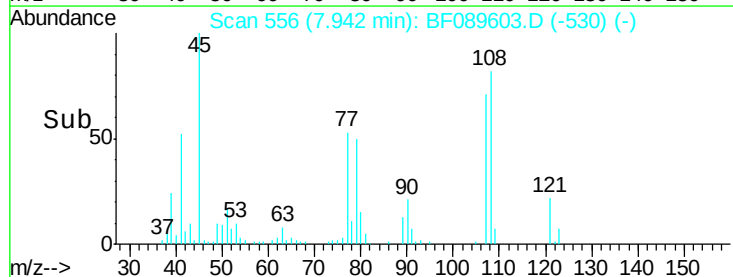
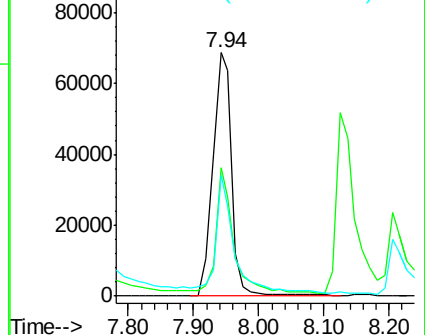


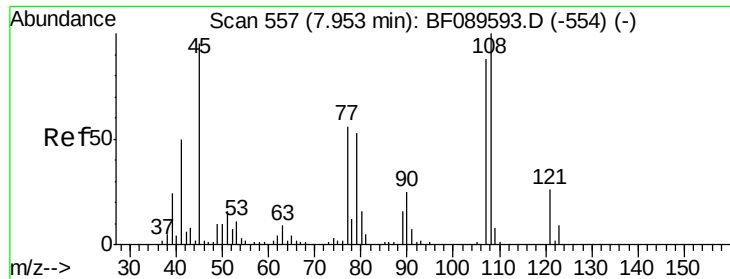
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.84 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion: 45 Resp: 139139
Ion Ratio Lower Upper
45 100
77 52.6 30.1 70.1
79 49.6 25.5 65.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

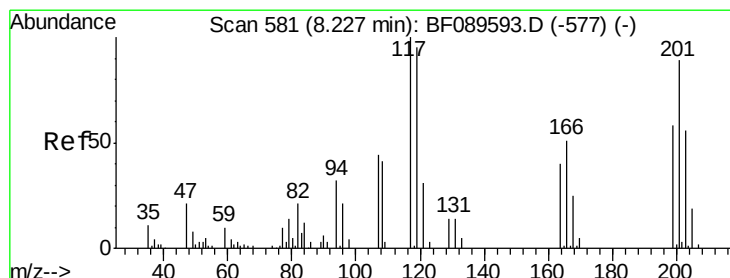
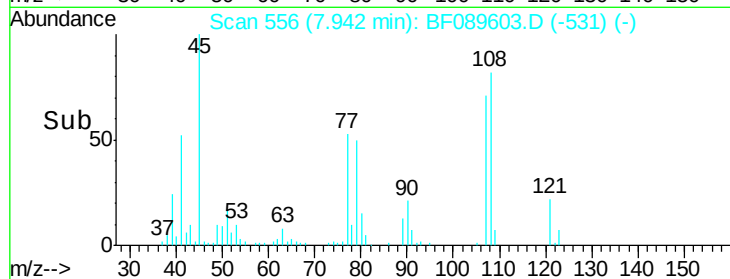
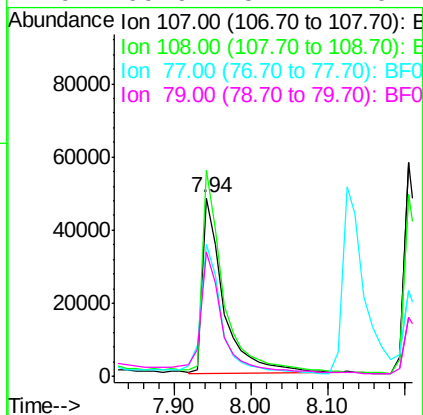
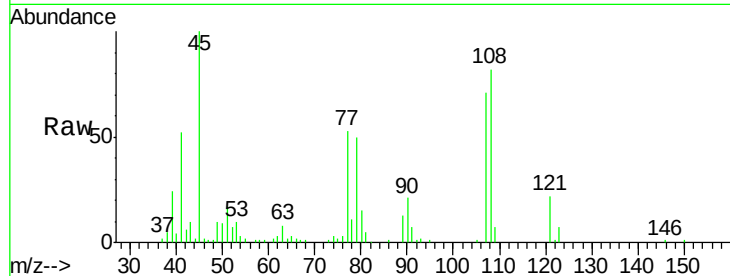




#17
2-Methylphenol
Concen: 39.65 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

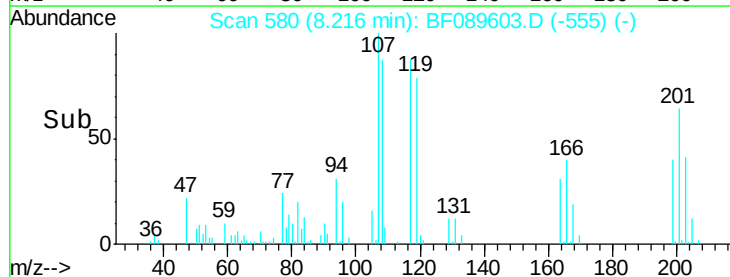
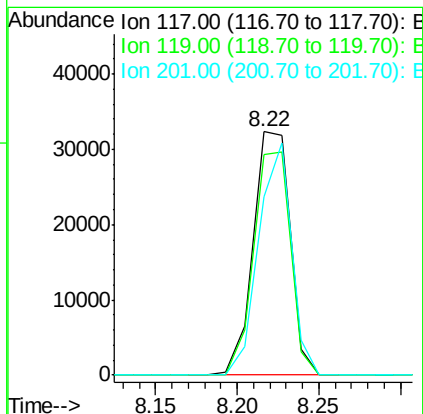
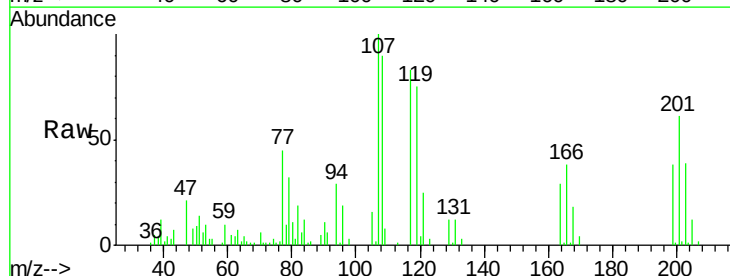
Instrument :
BNA_F
ClientSampleId :
PB92673BS

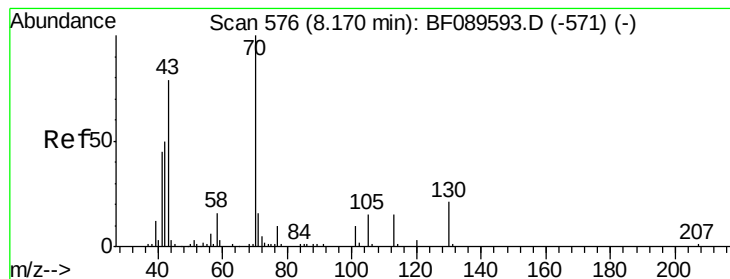
Tgt Ion:107 Resp: 92162
Ion Ratio Lower Upper
107 100
108 115.6 91.2 136.8
77 74.0 54.6 82.0
79 69.9 52.7 79.1



#18
Hexachloroethane
Concen: 34.78 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:117 Resp: 51088
Ion Ratio Lower Upper
117 100
119 90.8 75.7 113.5
201 73.0 71.6 107.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.45 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

Tgt Ion: 70 Resp: 93623

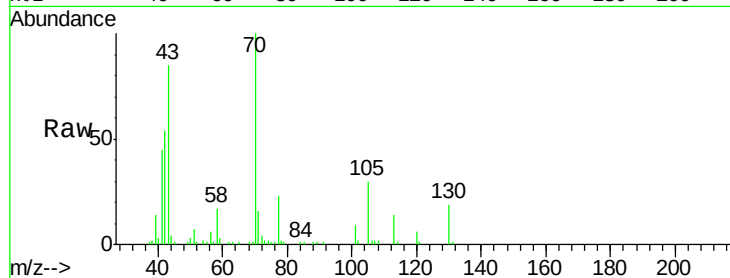
Ion Ratio Lower Upper

70 100

42 54.2 40.2 60.2

101 8.9 7.8 11.6

130 18.7 16.4 24.6

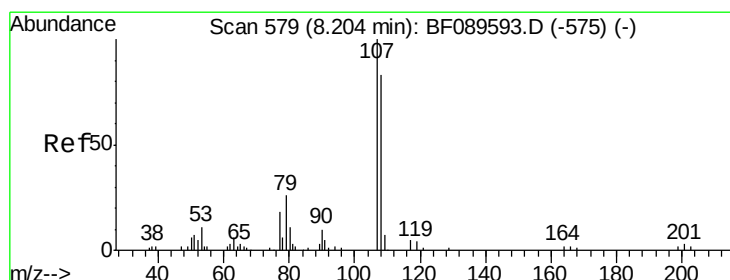
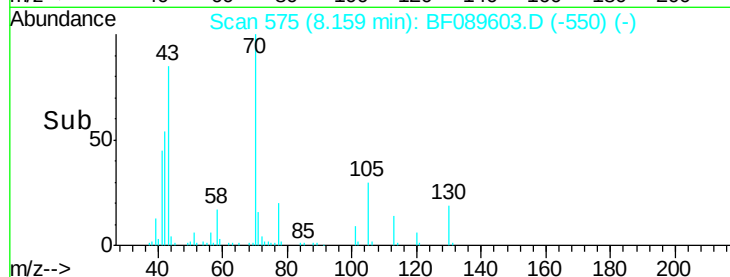
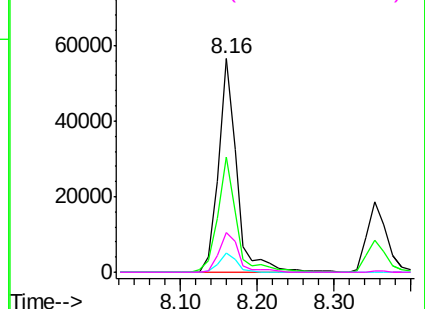


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.00 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Tgt Ion: 107 Resp: 117358

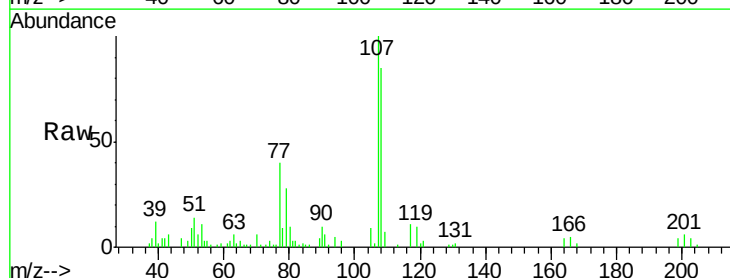
Ion Ratio Lower Upper

107 100

108 85.0 63.8 103.8

77 40.3 19.5 59.5

79 27.5 7.1 47.1

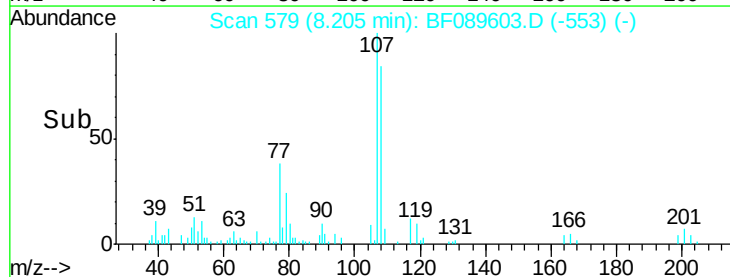
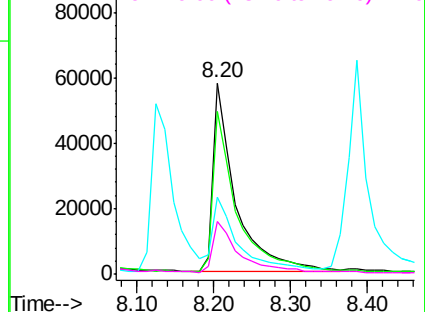


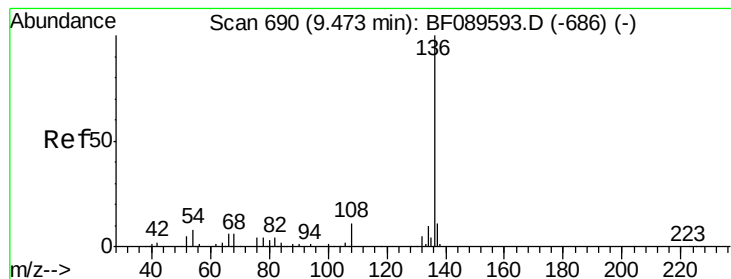
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

Tgt Ion:136 Resp: 191977

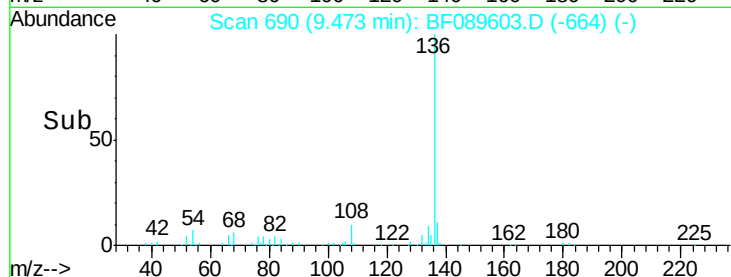
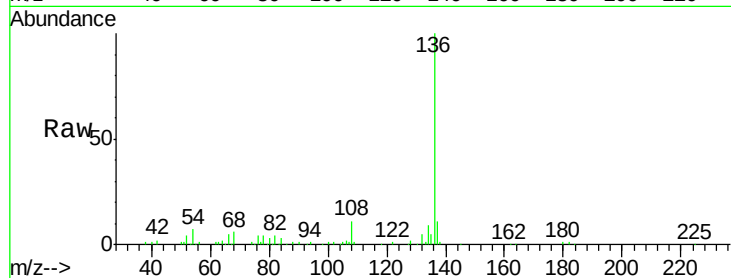
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.3 6.0 9.0

68 5.9 4.6 6.8

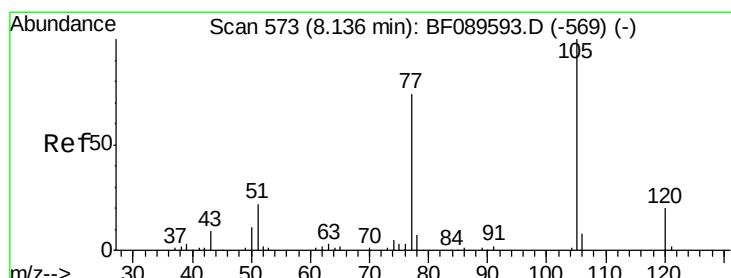
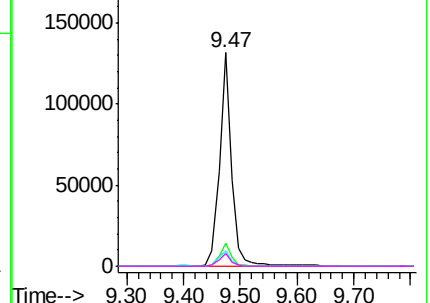


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.42 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Tgt Ion:105 Resp: 134648

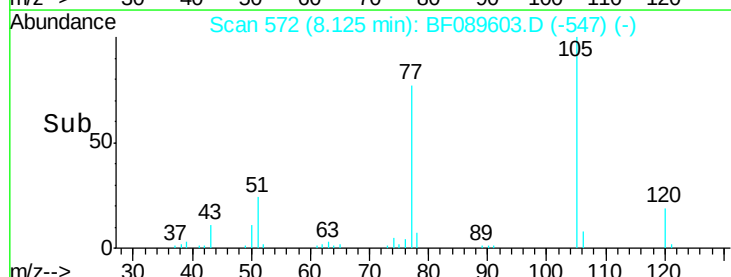
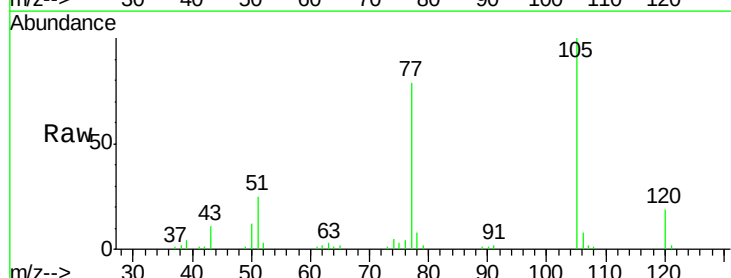
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.4 18.2 27.2

120 19.1 15.7 23.5

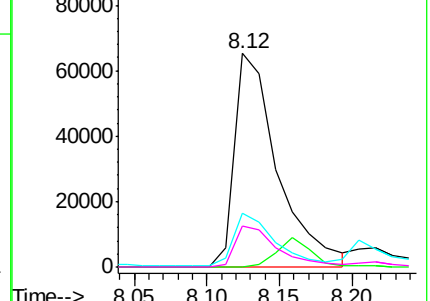


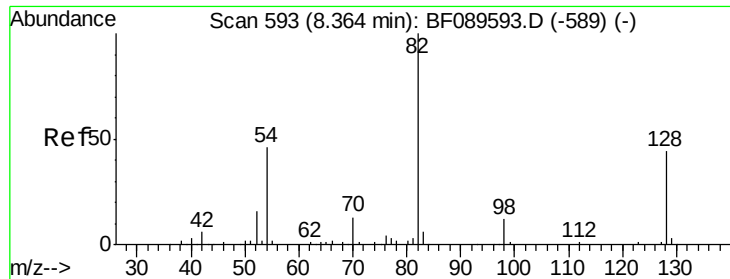
Abundance Ion 105.00 (104.70 to 105.70): E

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

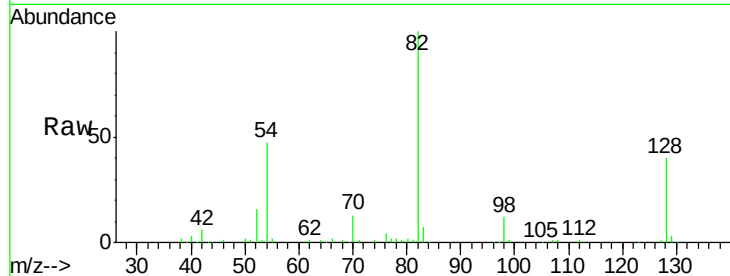




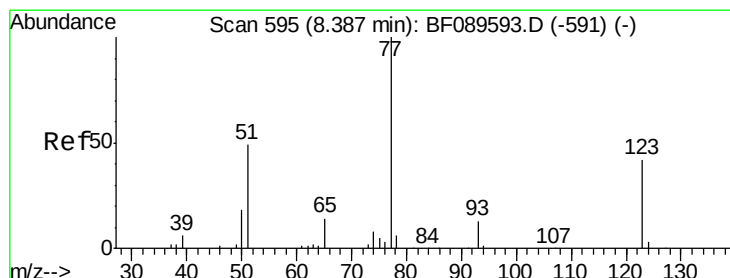
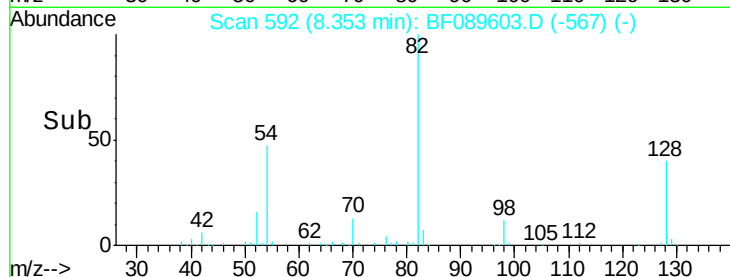
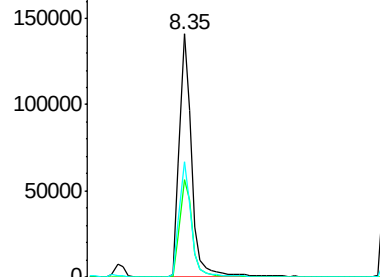
#23
 Nitrobenzene-d5
 Concen: 74.17 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion: 82 Resp: 257414
 Ion Ratio Lower Upper
 82 100
 128 40.2 35.4 53.0
 54 47.4 36.4 54.6

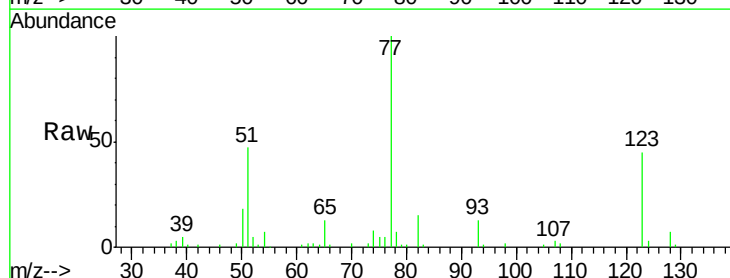


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

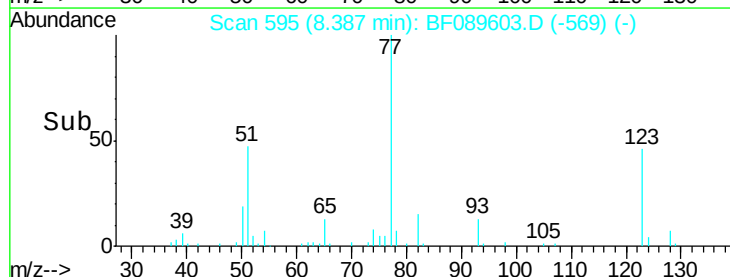
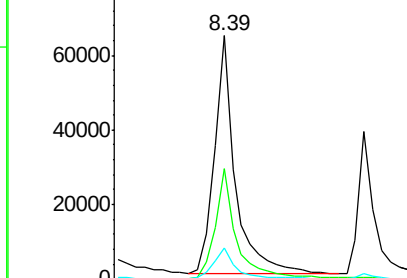


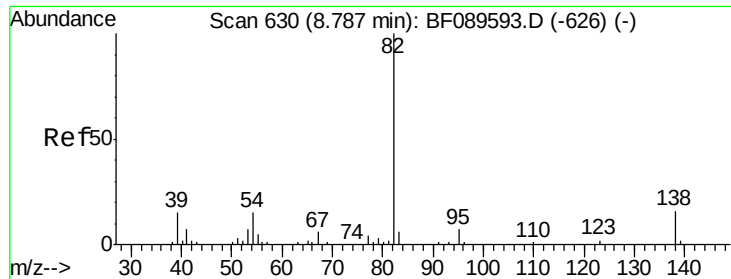
#24
 Nitrobenzene
 Concen: 36.26 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion: 77 Resp: 119535
 Ion Ratio Lower Upper
 77 100
 123 45.5 32.6 49.0
 65 13.0 11.0 16.6



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: 37.75 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

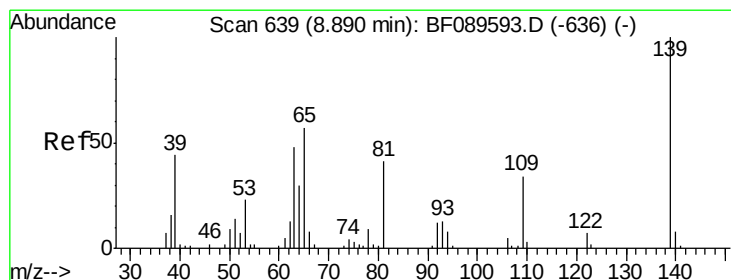
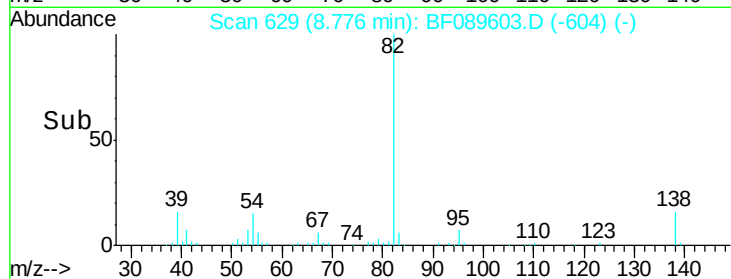
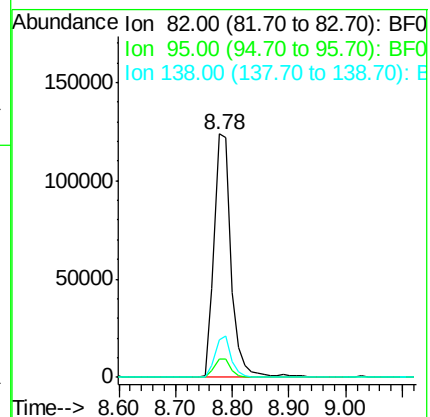
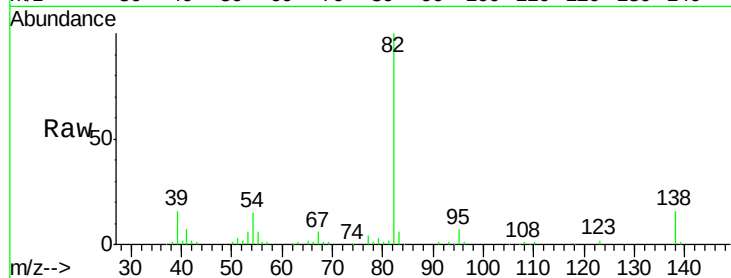
Tgt Ion: 82 Resp: 250857

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 15.5 12.6 18.8



#26

2-Nitrophenol

Concen: 36.77 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

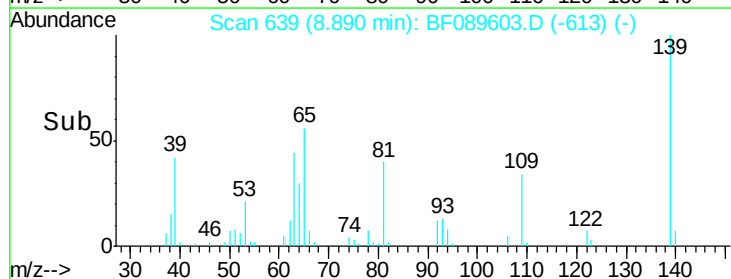
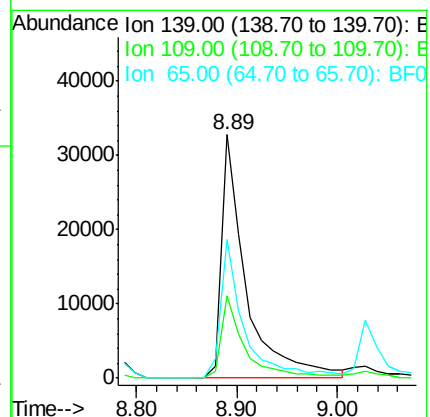
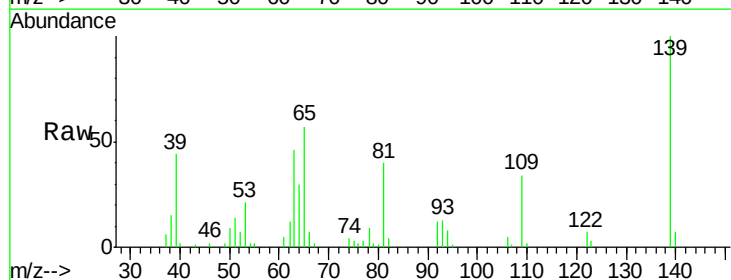
Tgt Ion: 139 Resp: 55634

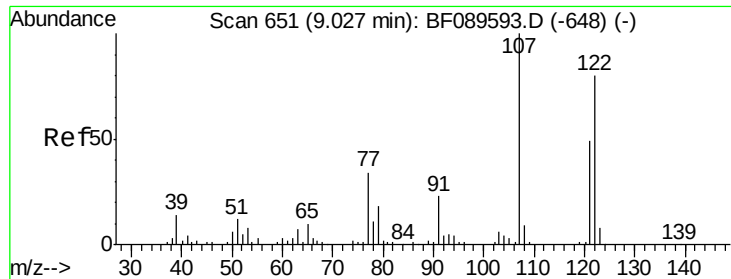
Ion Ratio Lower Upper

139 100

109 33.7 27.5 41.3

65 56.9 45.7 68.5

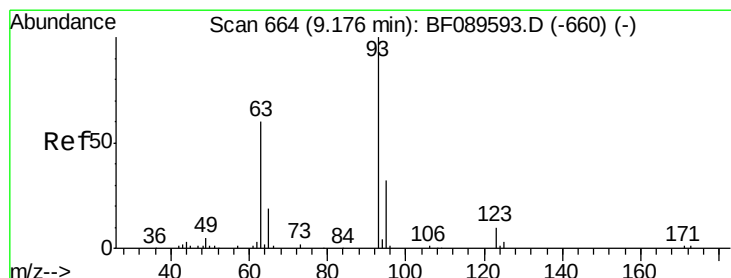
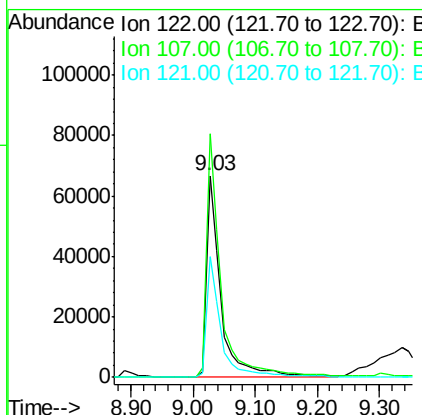
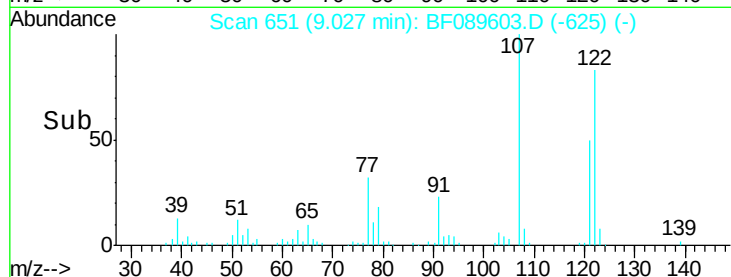
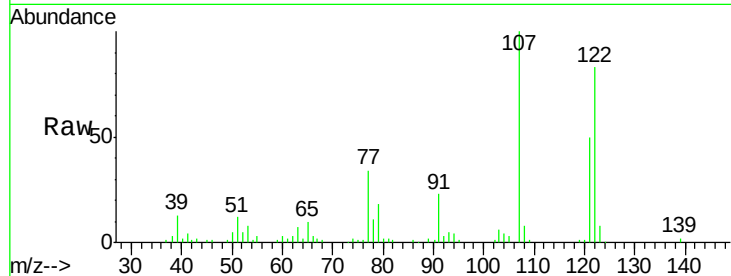




#27
 2,4-Dimethylphenol
 Concen: 39.64 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

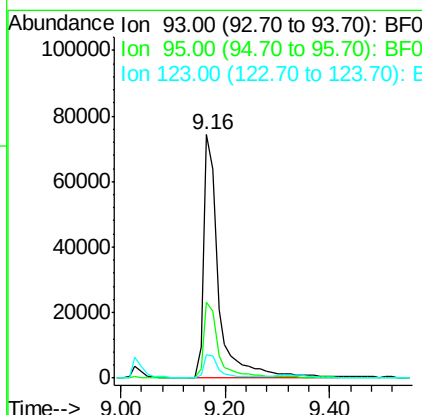
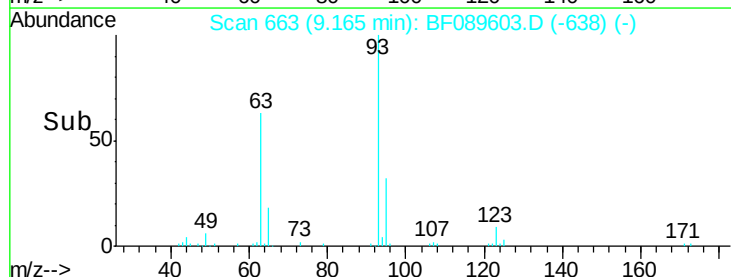
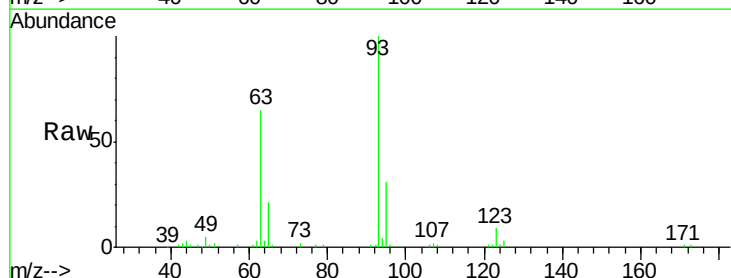
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

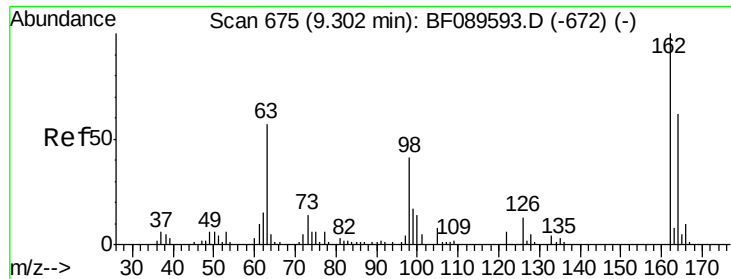
Tgt Ion:	122	Resp:	107813
Ion	Ratio	Lower	Upper
122	100		
107	120.7	99.5	149.3
121	60.2	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.12 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:	93	Resp:	149259
Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.8
123	9.4	8.0	12.0

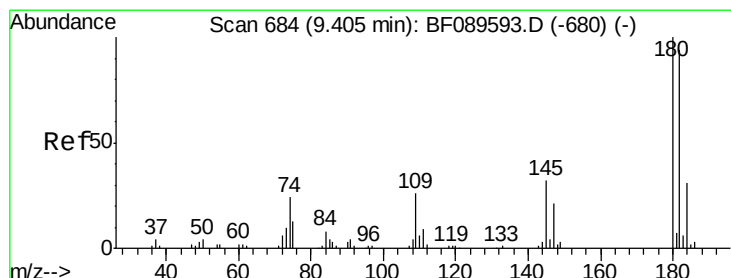
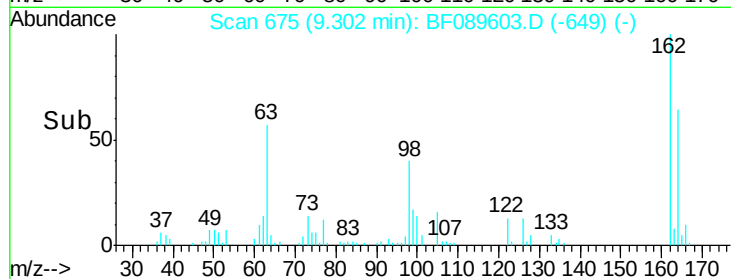
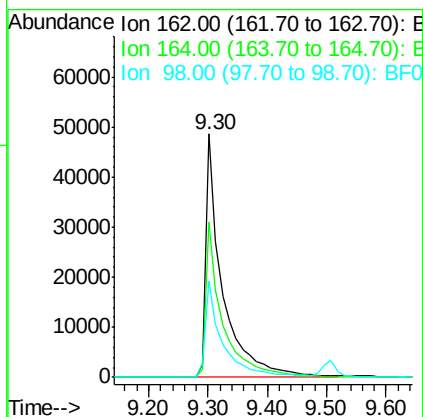
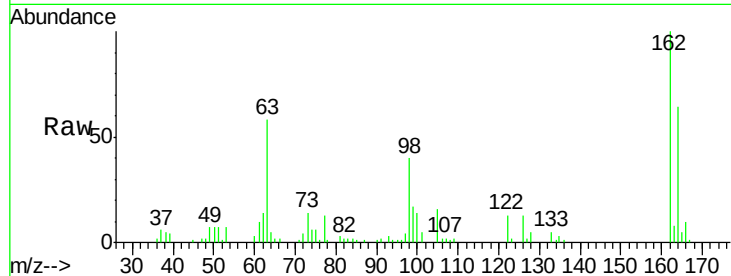




#29
 2,4-Dichlorophenol
 Concen: 37.12 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

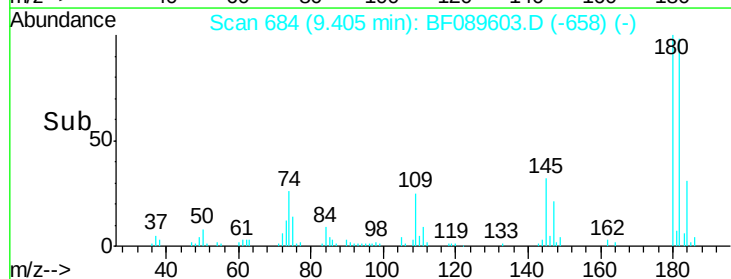
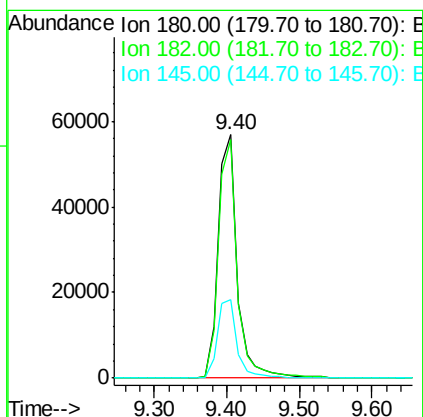
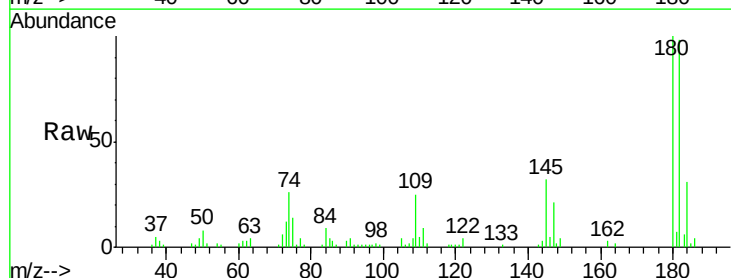
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

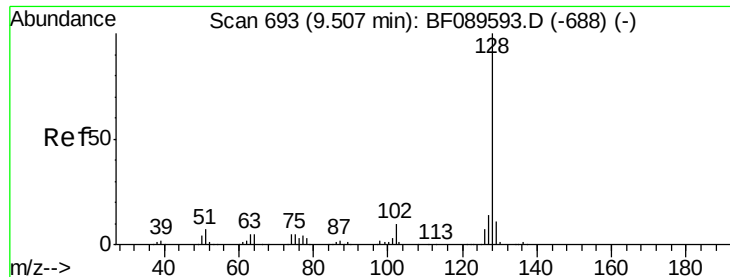
Tgt Ion:162 Resp: 95548
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.3 82.3
 98 39.7 21.2 61.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.33 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:180 Resp: 103844
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.0 112.6
 145 32.5 25.6 38.4

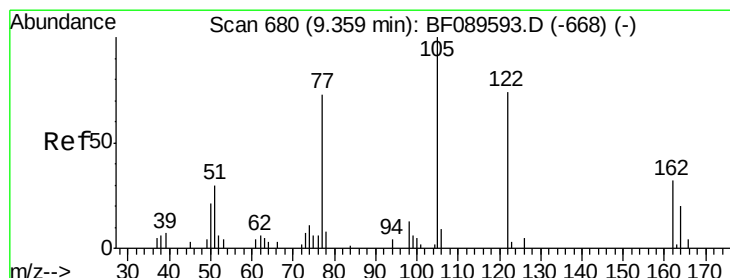
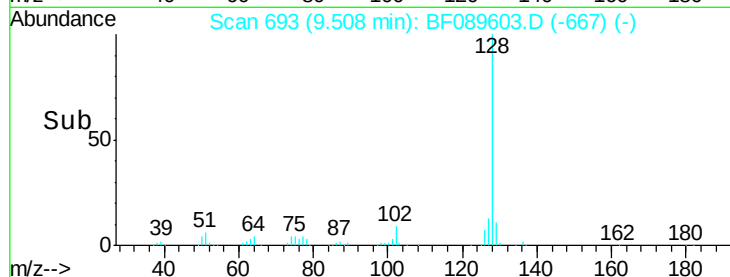
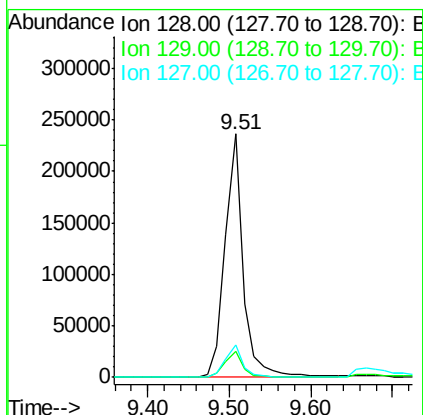
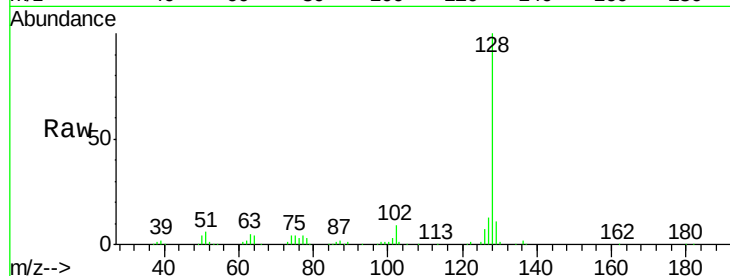




#31
Naphthalene
Concen: 35.85 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

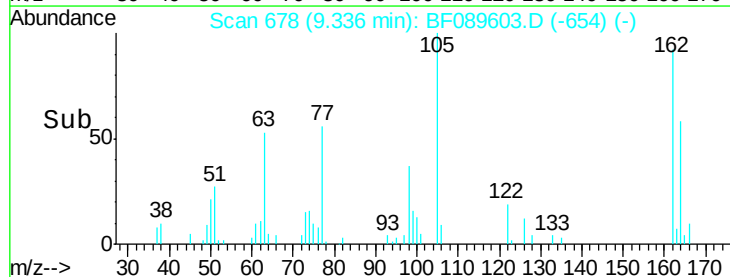
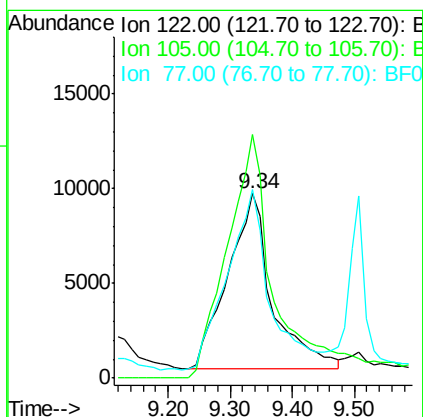
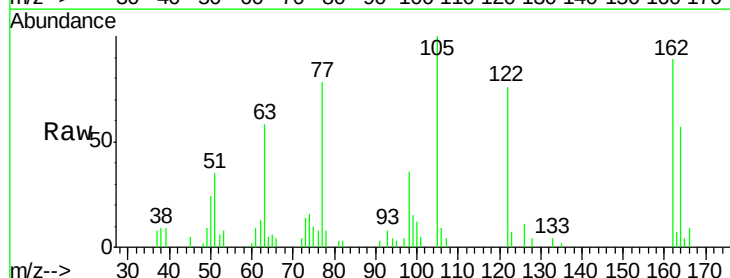
Instrument :
BNA_F
ClientSampleId :
PB92673BS

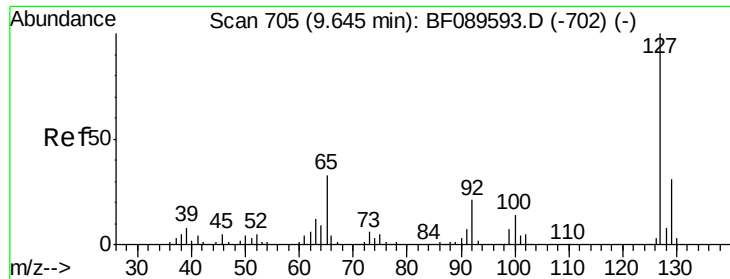
Tgt Ion:128 Resp: 365782
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 26.88 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:122 Resp: 45930
Ion Ratio Lower Upper
122 100
105 131.9 109.9 149.9
77 102.4 77.5 117.5

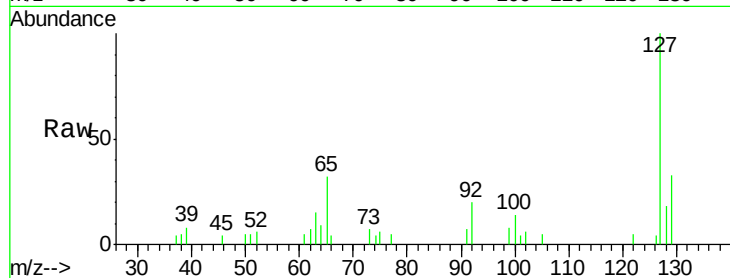




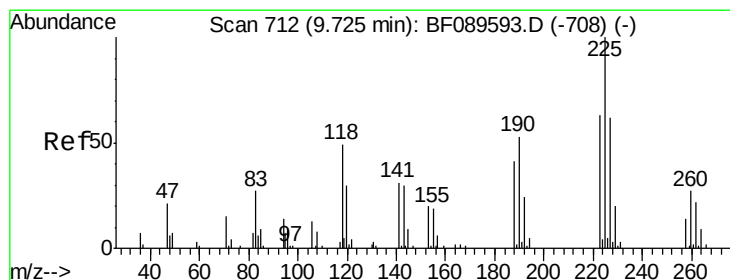
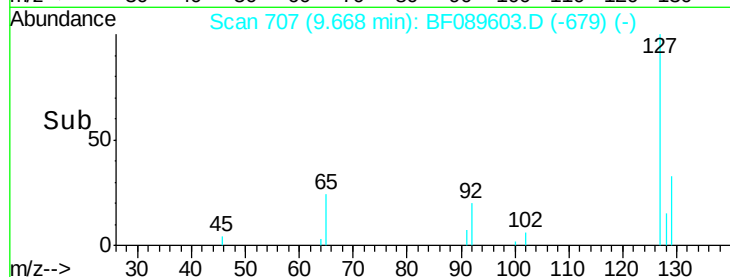
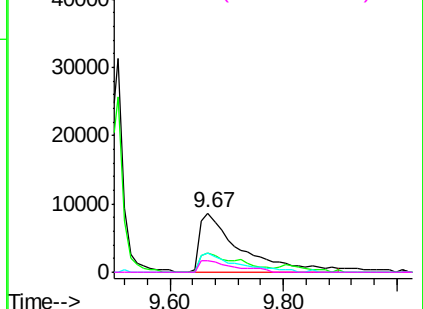
#33
4-Chloroaniline
Concen: 11.12 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Instrument :
BNA_F
ClientSampleId :
PB92673BS

Tgt Ion:127 Resp: 42610
Ion Ratio Lower Upper
127 100
129 32.9 25.1 37.7
65 32.3 26.2 39.2
92 20.5 16.9 25.3

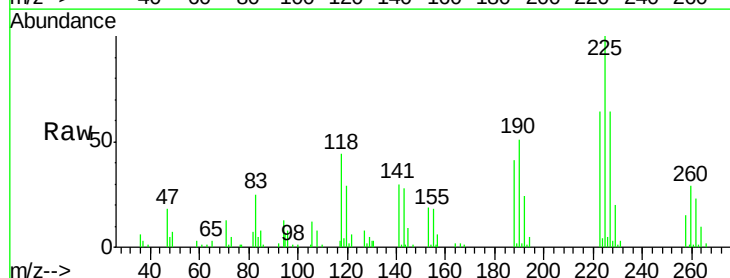


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

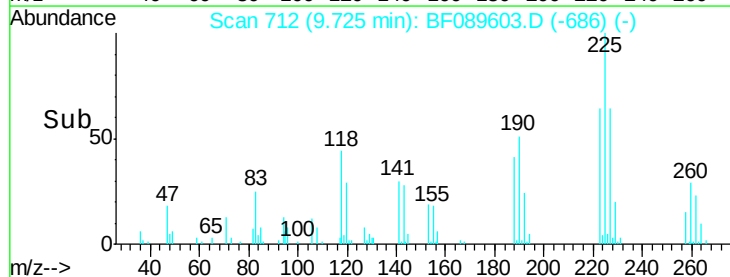
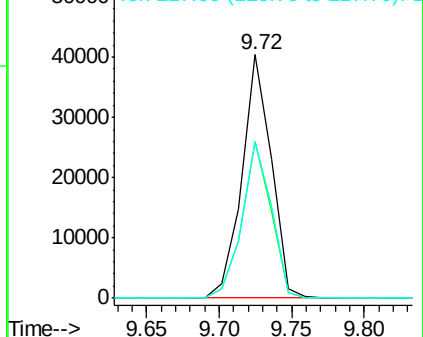


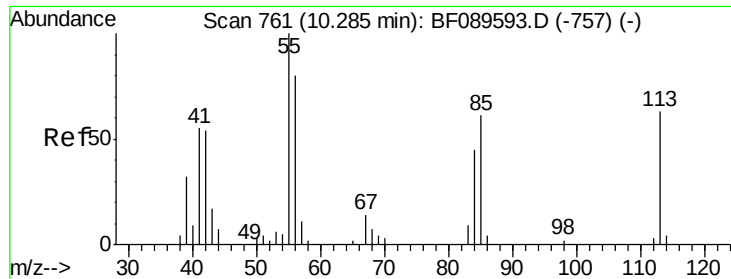
#34
Hexachlorobutadiene
Concen: 33.46 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:225 Resp: 56637
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 64.4 49.4 74.0



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

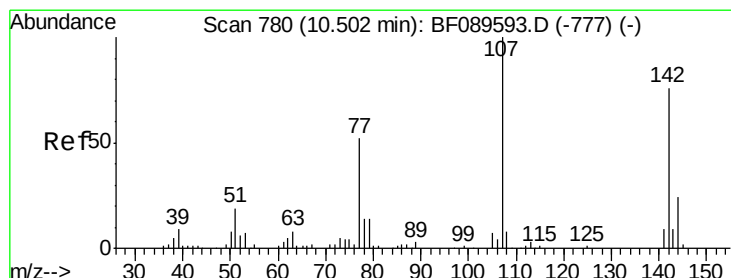
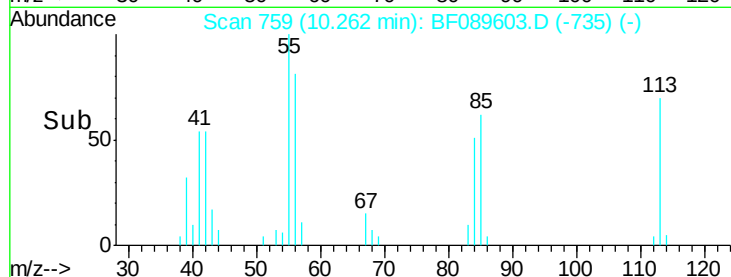
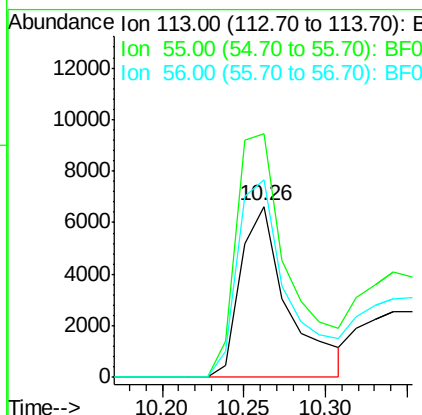
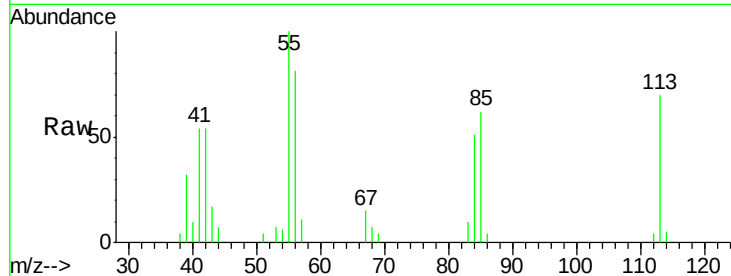




#35
 Caprolactam
 Concen: 17.92 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

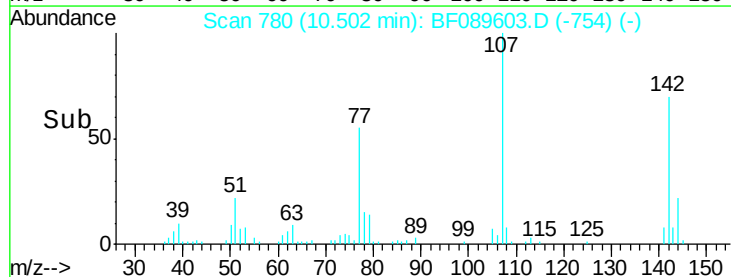
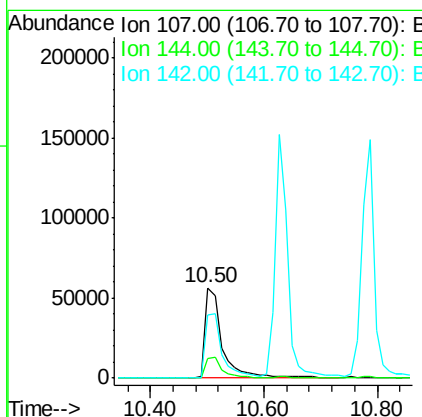
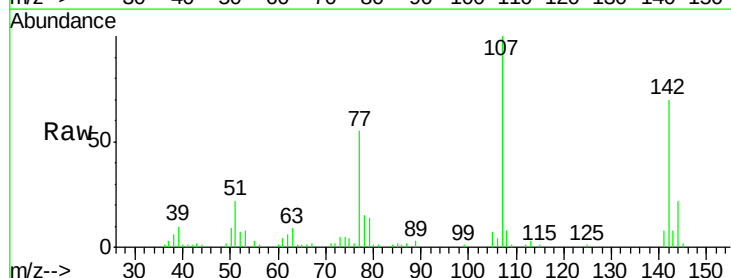
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

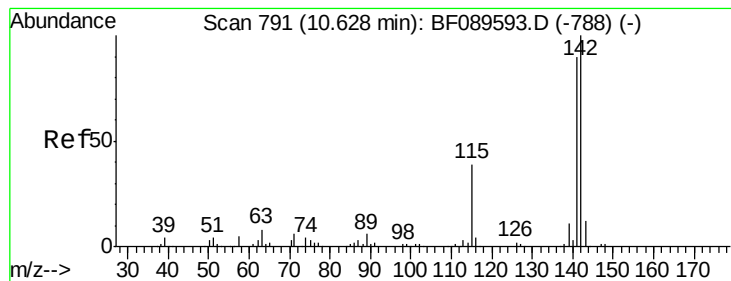
Tgt Ion:113 Resp: 13439
 Ion Ratio Lower Upper
 113 100
 55 142.6 139.6 179.6
 56 115.8 108.2 148.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.02 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:107 Resp: 113746
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.9 28.3
 142 69.6 60.4 90.6





#37

2-Methylnaphthalene

Concen: 36.65 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

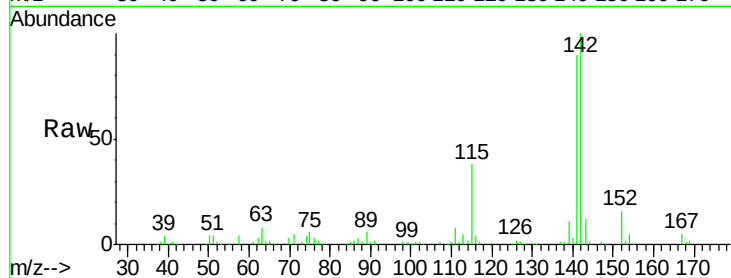
Tgt Ion:142 Resp: 229980

Ion Ratio Lower Upper

142 100

141 90.4 71.8 107.6

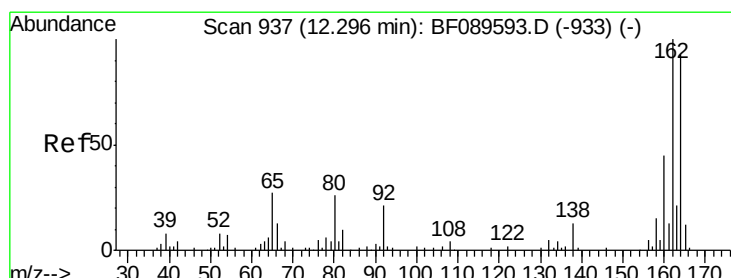
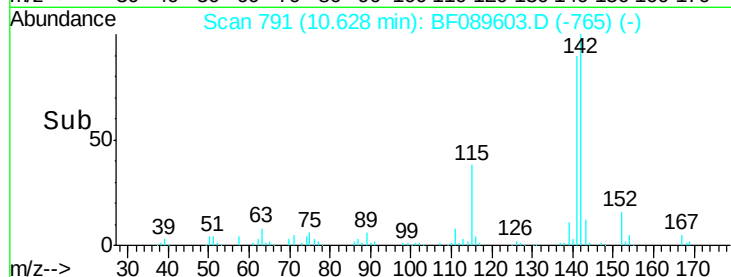
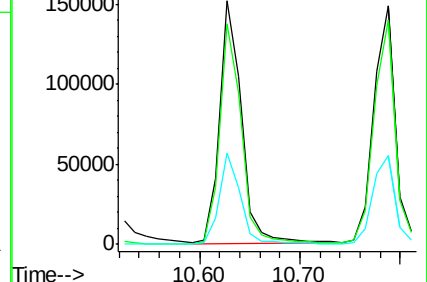
115 37.6 31.0 46.4



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: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

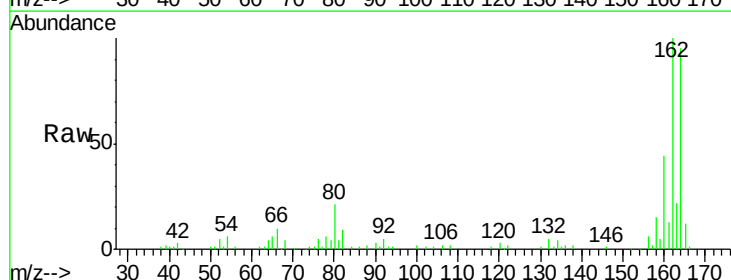
Tgt Ion:164 Resp: 91485

Ion Ratio Lower Upper

164 100

162 105.1 85.7 128.5

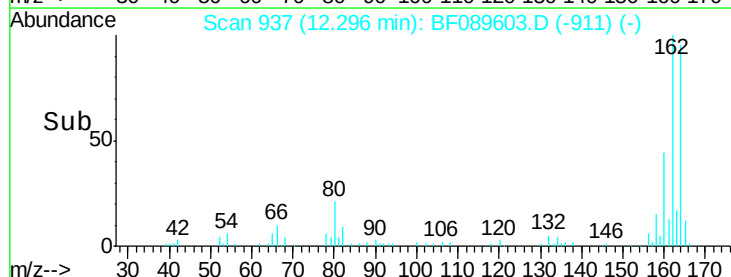
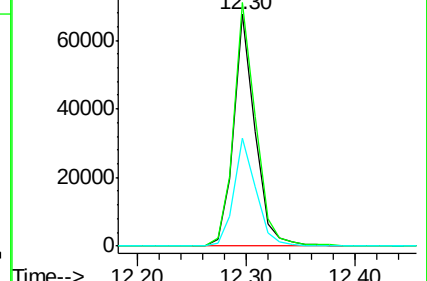
160 46.3 38.2 57.4

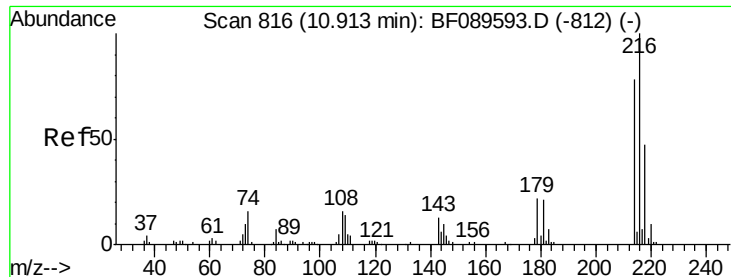


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

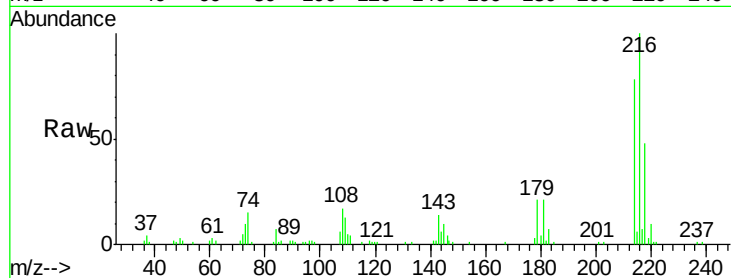




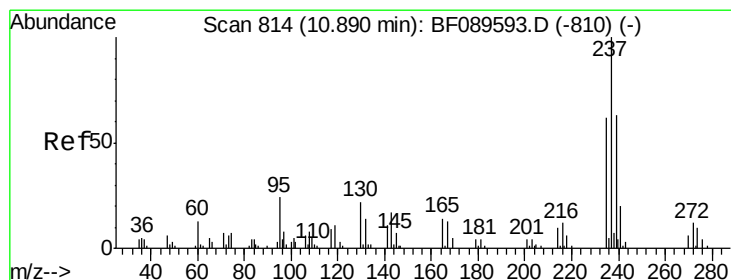
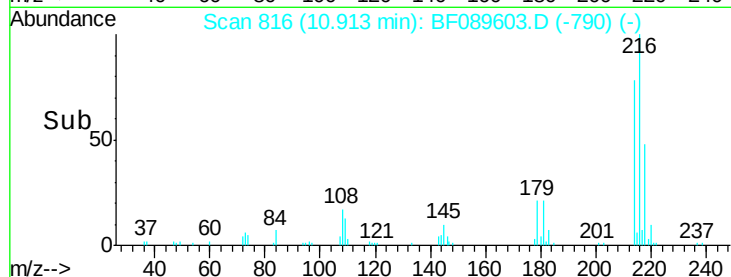
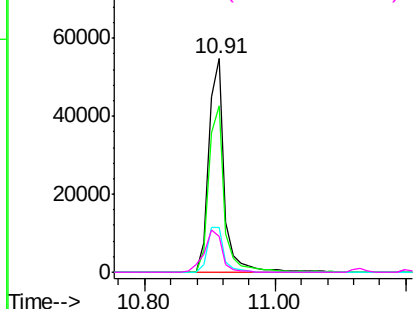
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.74 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:	216	Resp:	91929
Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.6	94.0
179	22.1	17.8	26.8
108	22.7	16.3	24.5

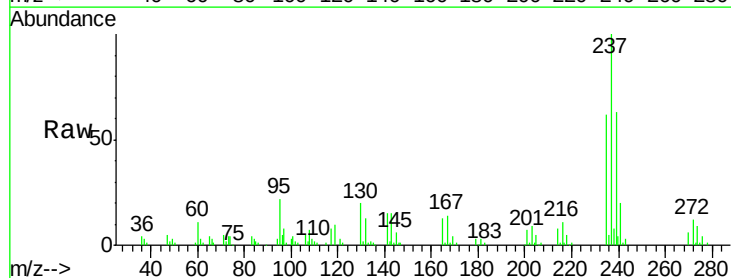


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

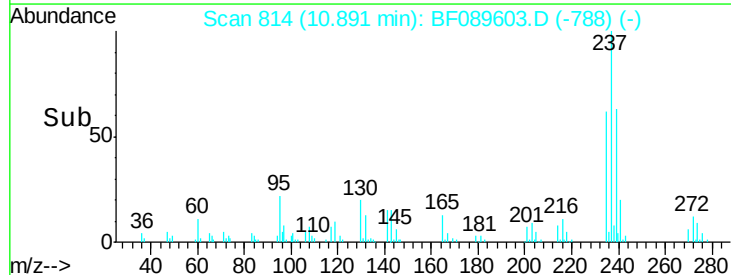
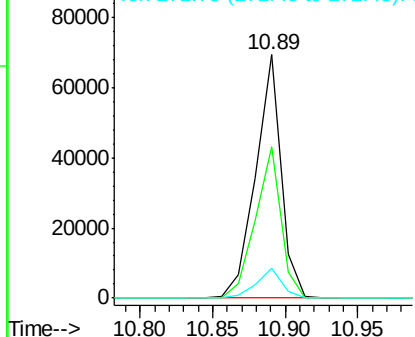


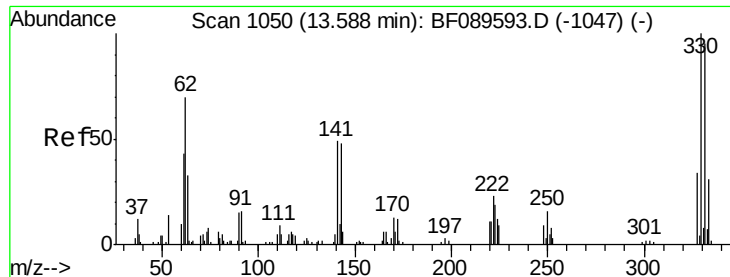
#40
 Hexachlorocyclopentadiene
 Concen: 72.43 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:	237	Resp:	85043
Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.9	81.9
272	12.1	0.0	32.4



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

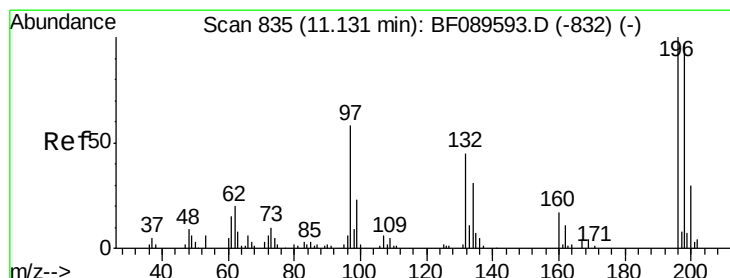
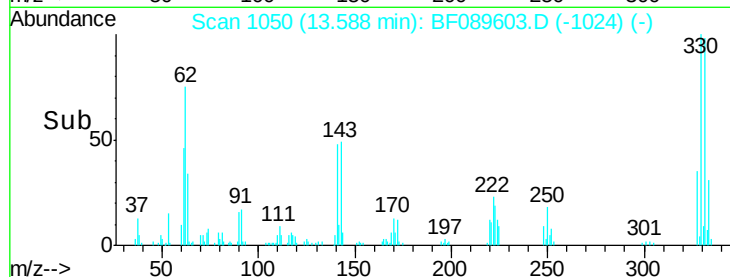
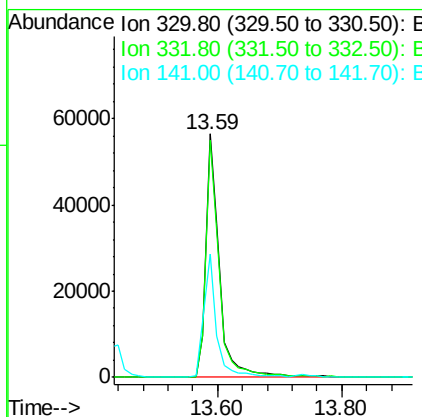
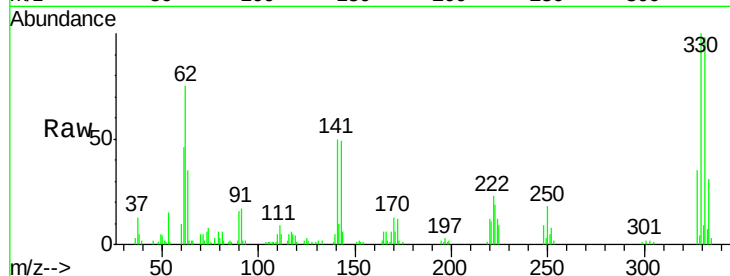




#41
 2,4,6-Tribromophenol
 Concen: 113.95 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

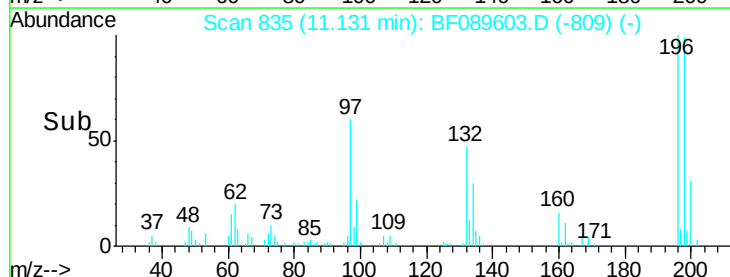
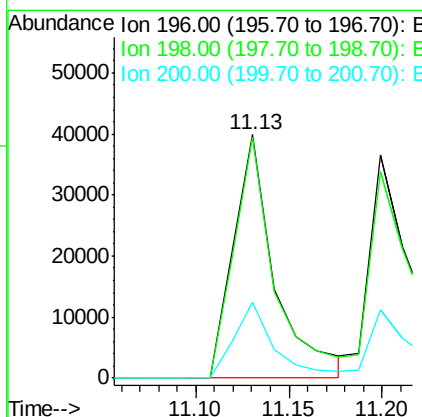
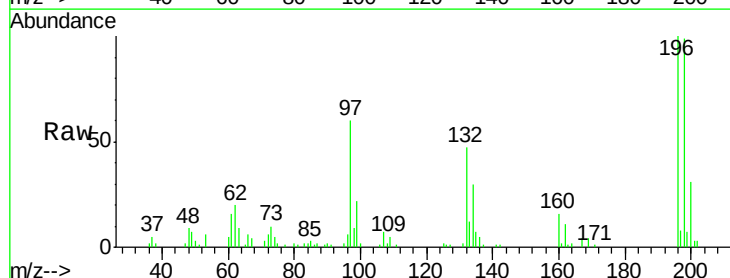
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

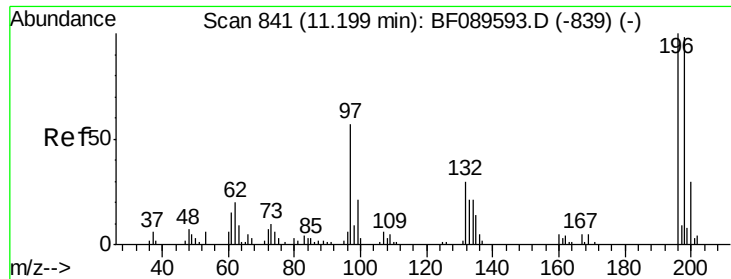
Tgt Ion:330 Resp: 86027
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 47.7 38.6 57.8



#42
 2,4,6-Trichlorophenol
 Concen: 36.27 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:196 Resp: 61518
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.6 116.4
 200 30.9 23.8 35.8

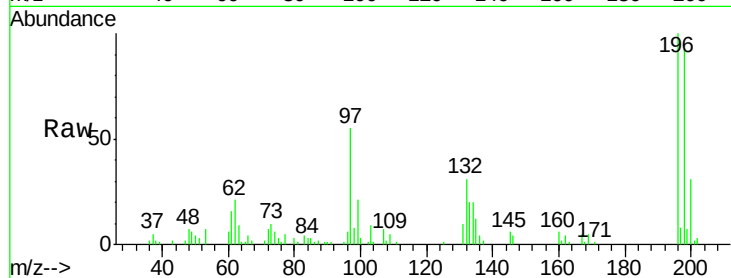




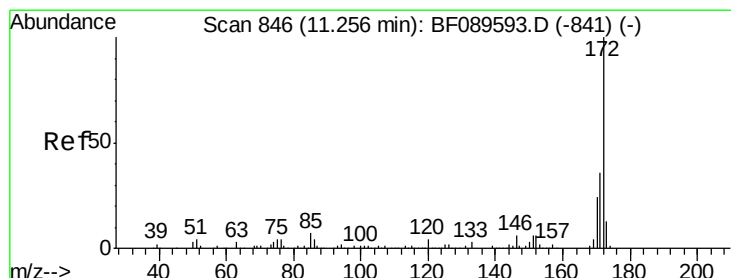
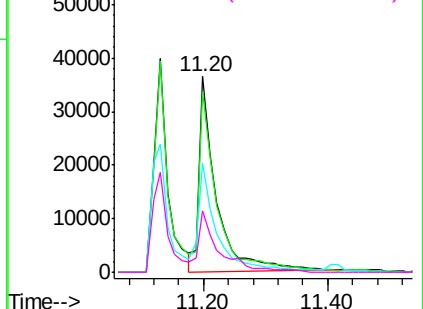
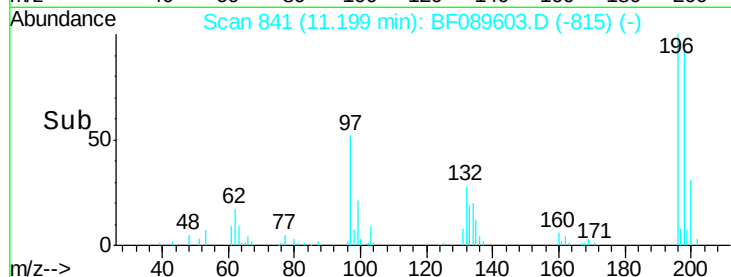
#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:196 Resp: 70052
 Ion Ratio Lower Upper
 196 100
 198 92.5 77.8 116.6
 97 55.4 45.8 68.6
 132 31.3 25.1 37.7

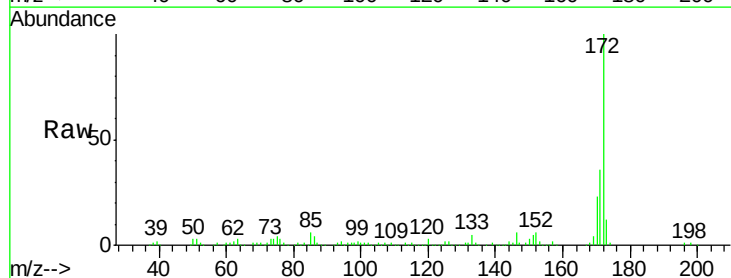


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

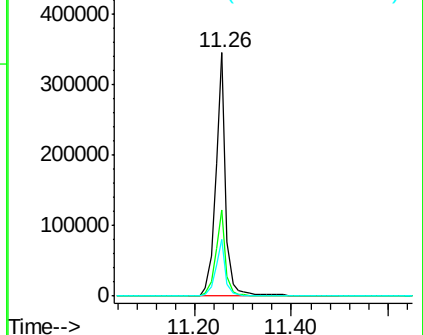
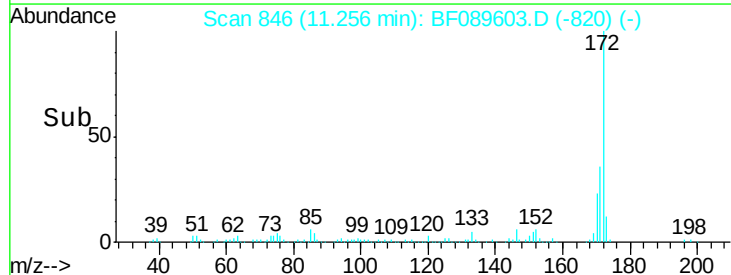


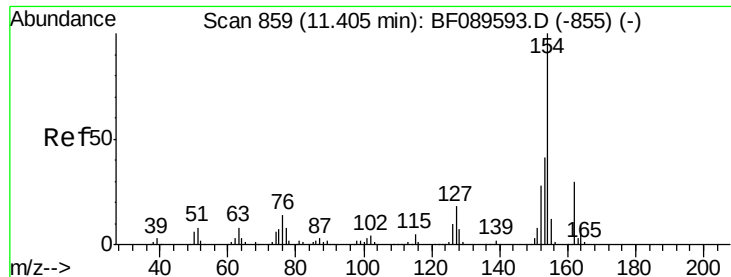
#44
 2-Fluorobiphenyl
 Concen: 71.45 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:172 Resp: 502927
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.4 19.0 28.6



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

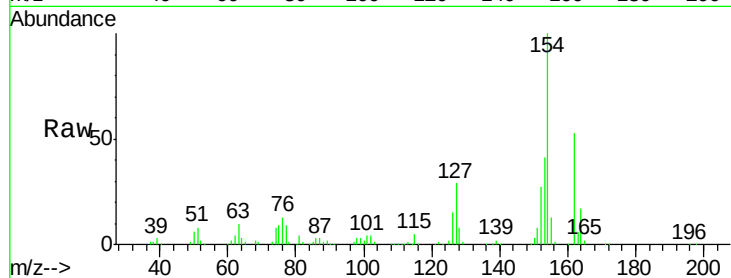




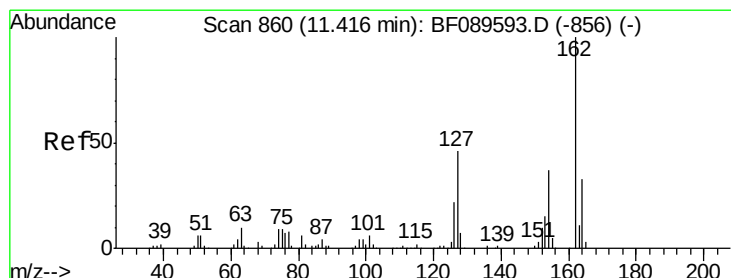
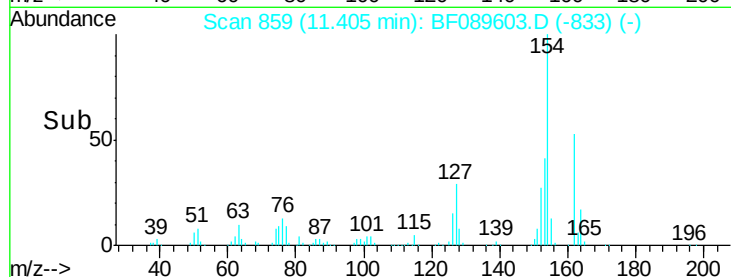
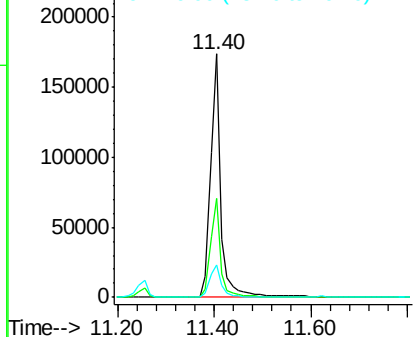
#45
 1,1'-Biphenyl
 Concen: 31.81 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:154 Resp: 262418
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 13.3 0.0 33.7

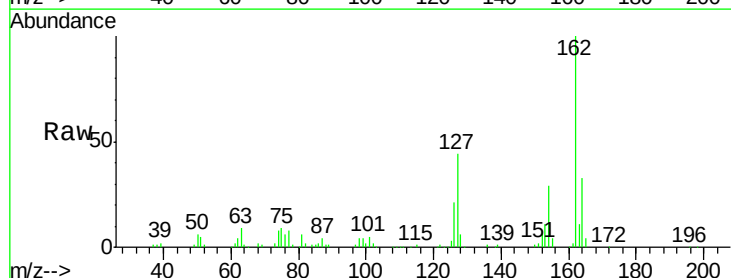


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

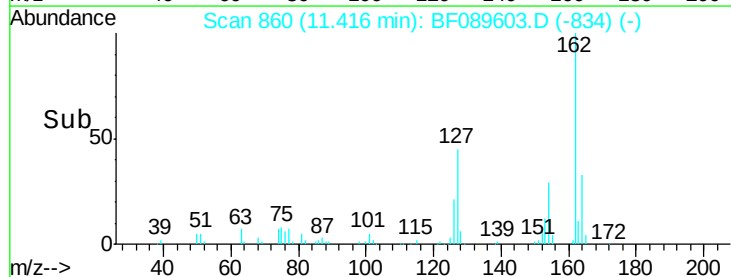
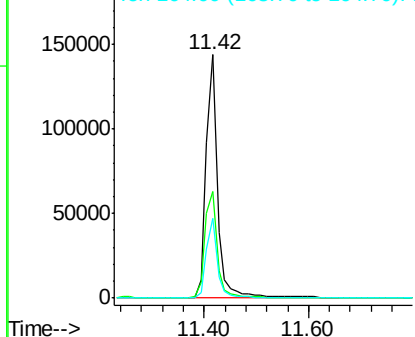


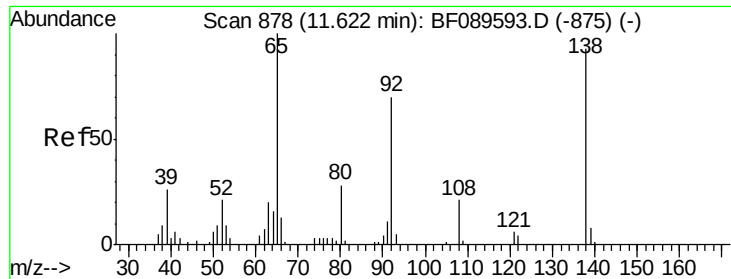
#46
 2-Chloronaphthalene
 Concen: 35.90 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:162 Resp: 222038
 Ion Ratio Lower Upper
 162 100
 127 43.9 36.6 54.8
 164 32.7 26.8 40.2



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: 34.86 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

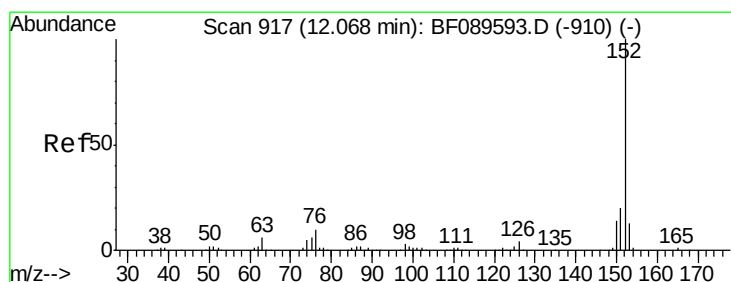
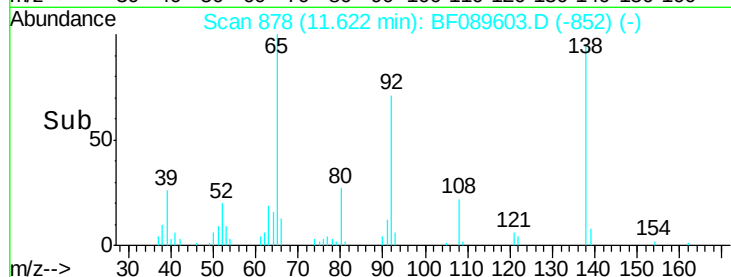
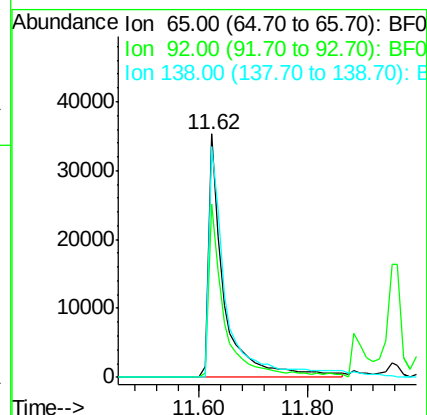
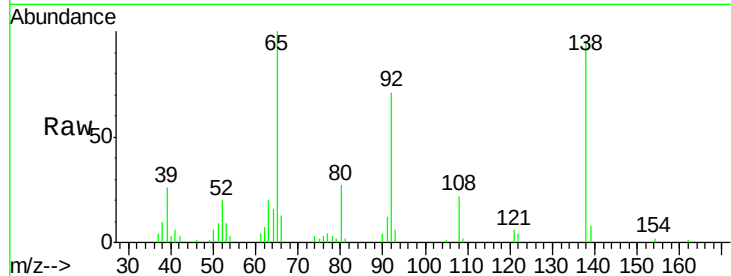
Tgt Ion: 65 Resp: 69510

Ion Ratio Lower Upper

65 100

92 71.3 56.3 84.5

138 95.0 74.3 111.5



#48

Acenaphthylene

Concen: 35.94 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

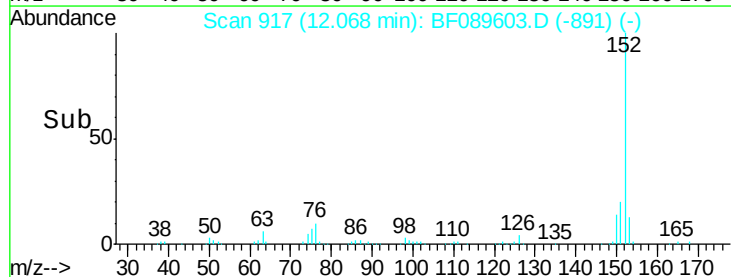
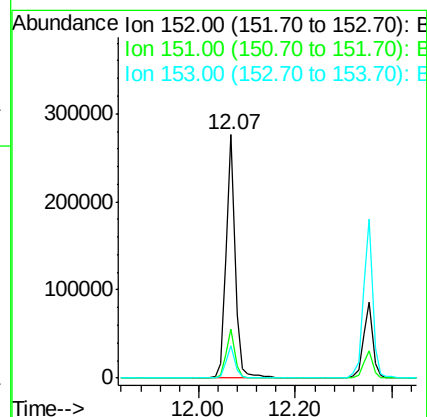
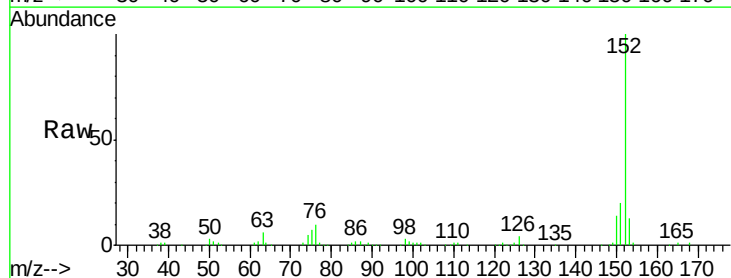
Tgt Ion: 152 Resp: 366231

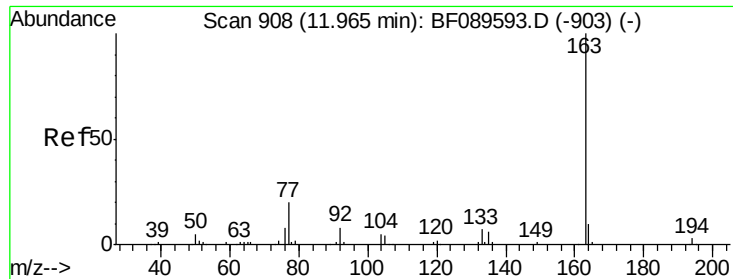
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.1 10.5 15.7

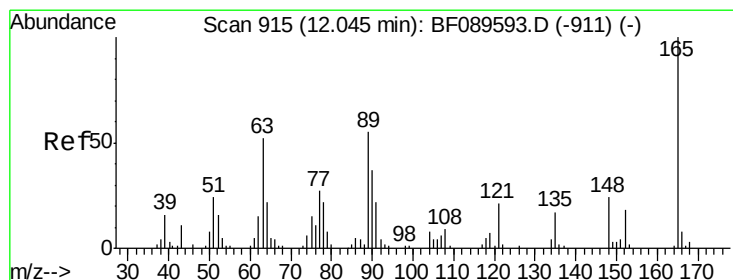
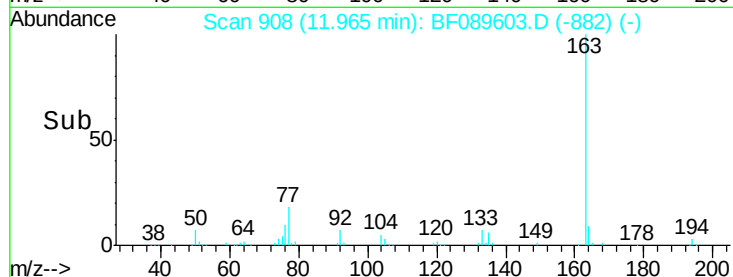
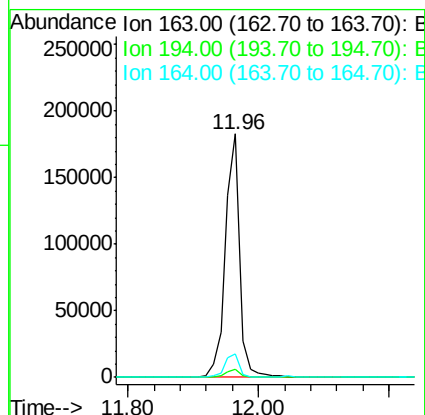
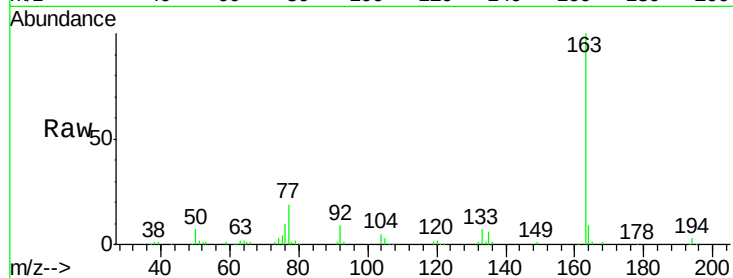




#49
Dimethylphthalate
Concen: 39.18 ng
RT: 11.96 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

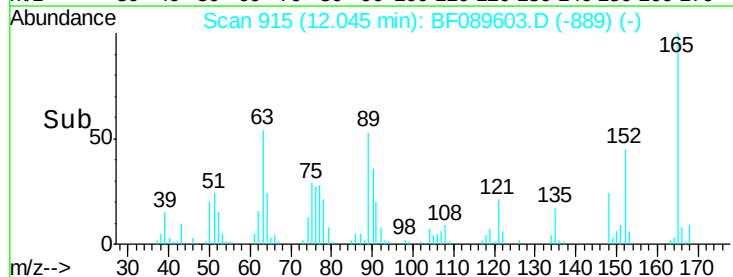
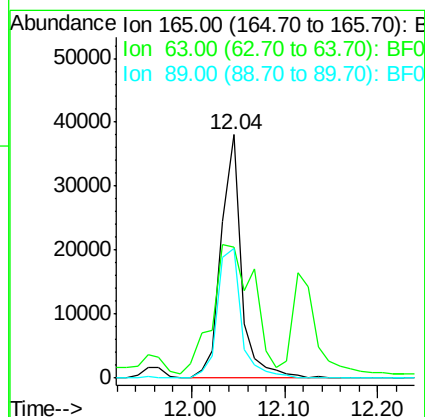
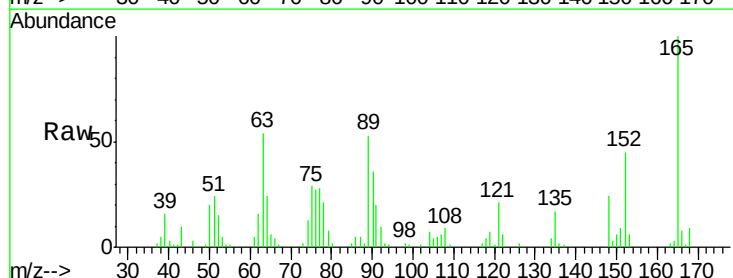
Instrument :
BNA_F
ClientSampleId :
PB92673BS

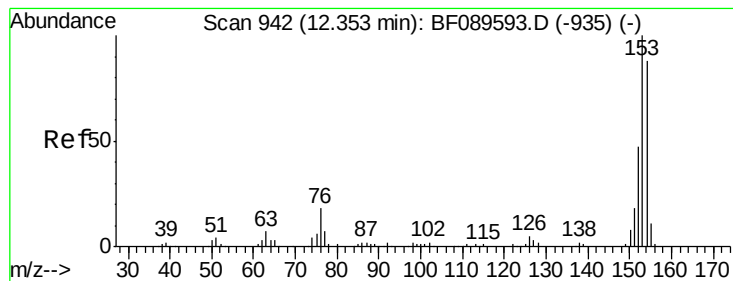
Tgt Ion:163 Resp: 280967
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 7.8 11.6



#50
2,6-Dinitrotoluene
Concen: 40.25 ng
RT: 12.04 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:165 Resp: 57380
Ion Ratio Lower Upper
165 100
63 53.8 44.6 67.0
89 53.1 44.2 66.2





#51

Acenaphthene

Concen: 36.05 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

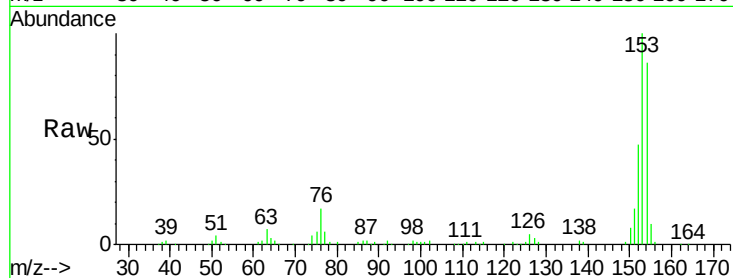
Tgt Ion:154 Resp: 212191

Ion Ratio Lower Upper

154 100

153 115.9 91.1 136.7

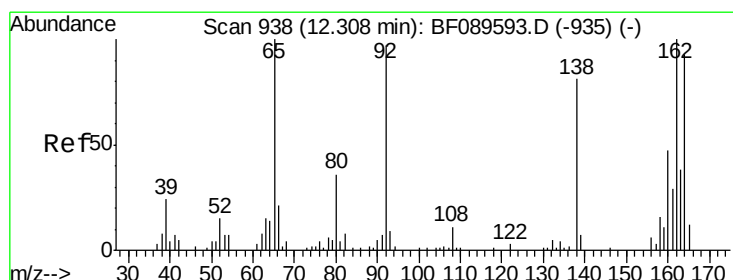
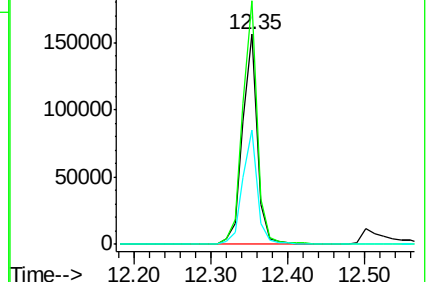
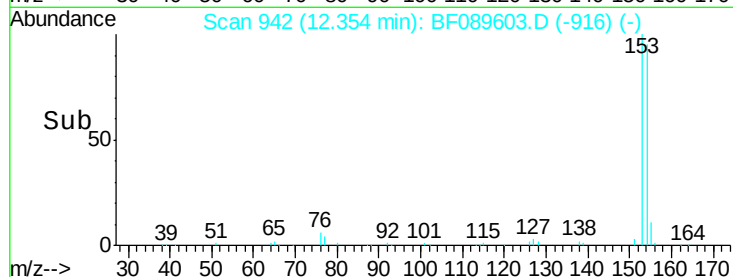
152 54.6 43.5 65.3



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: 18.60 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

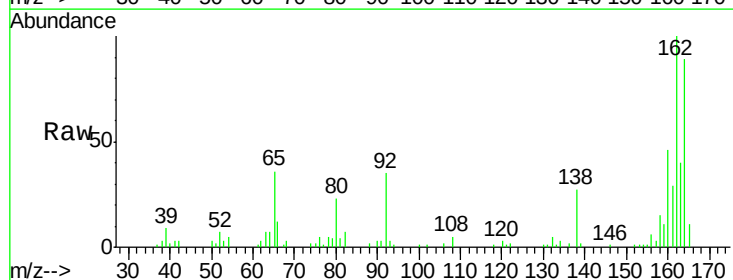
Tgt Ion:138 Resp: 31724

Ion Ratio Lower Upper

138 100

108 18.0 10.7 16.1#

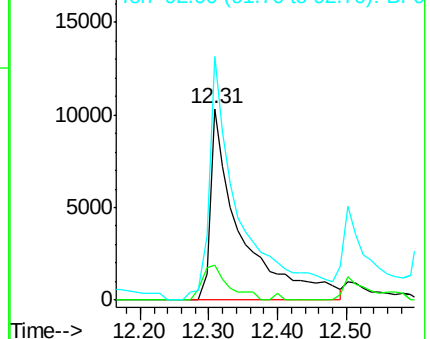
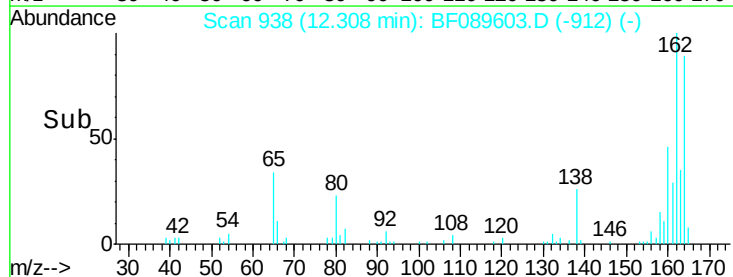
92 127.4 96.6 145.0

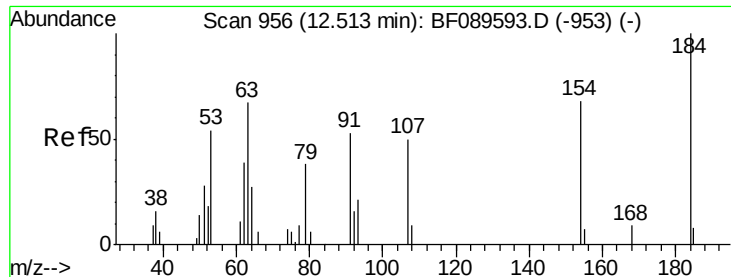


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

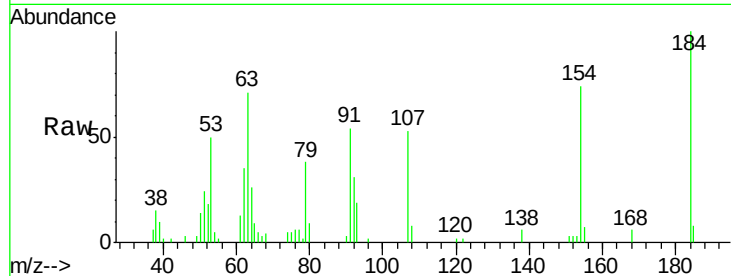




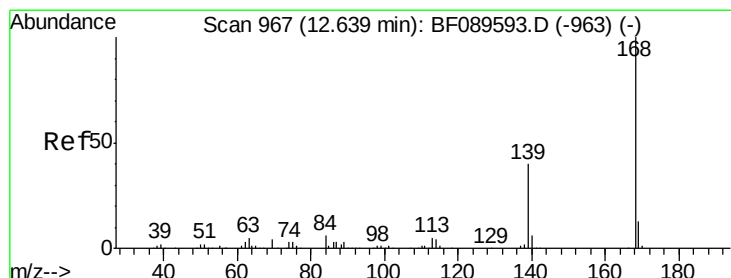
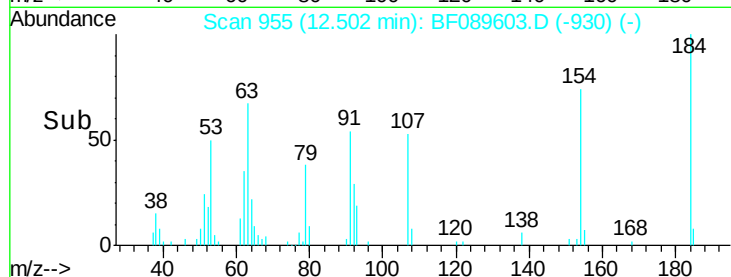
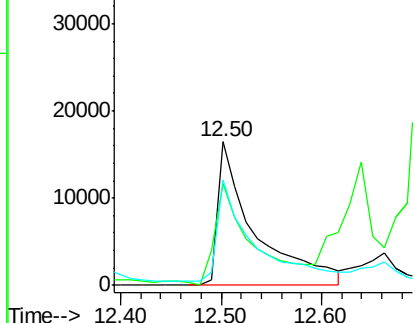
#53
 2,4-Dinitrophenol
 Concen: 70.49 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:184 Resp: 42207
 Ion Ratio Lower Upper
 184 100
 63 71.1 59.0 88.6
 154 73.9 60.0 90.0

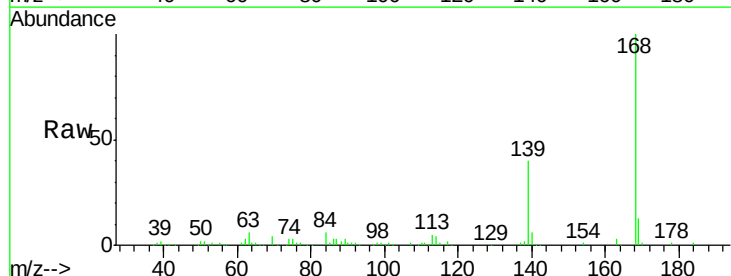


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

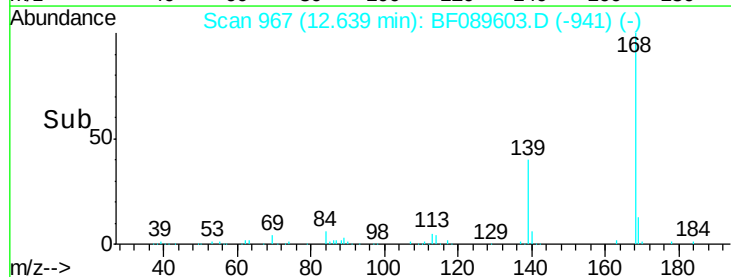
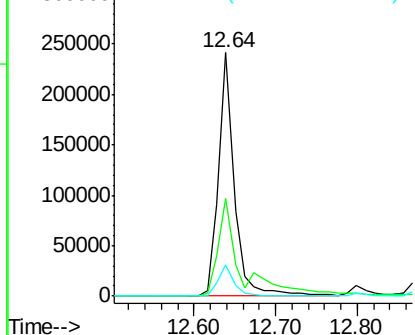


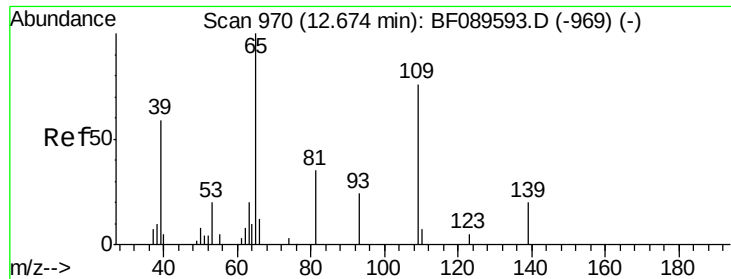
#54
 Dibenzofuran
 Concen: 40.58 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:168 Resp: 328322
 Ion Ratio Lower Upper
 168 100
 139 40.1 32.3 48.5
 169 12.9 10.6 15.8



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

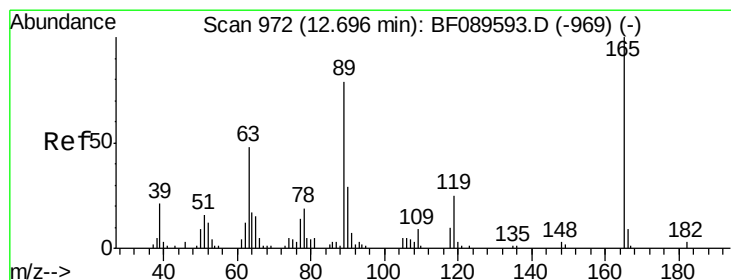
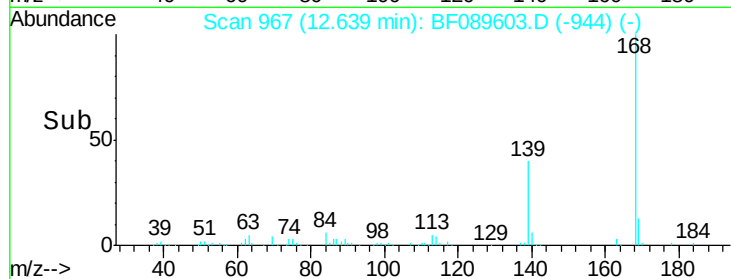
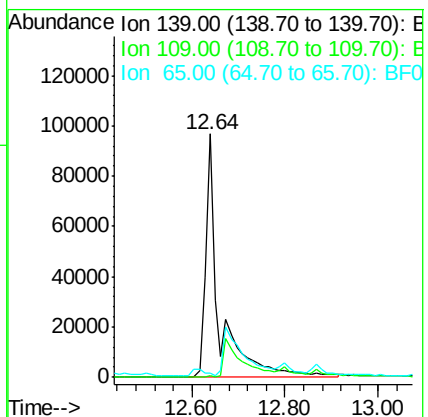
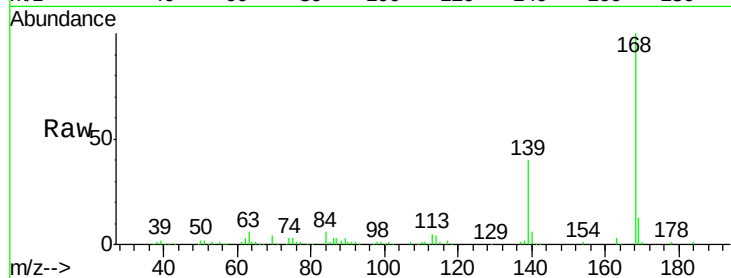




#55
4-Nitrophenol
Concen: Below Cal
RT: 12.64 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

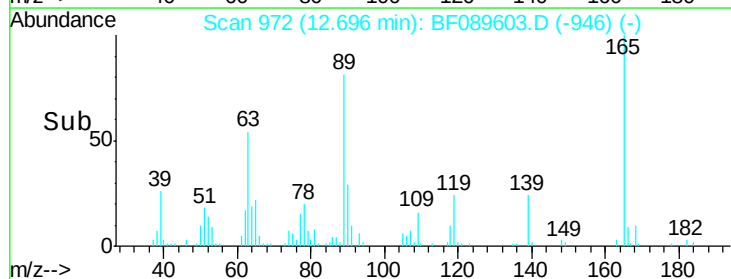
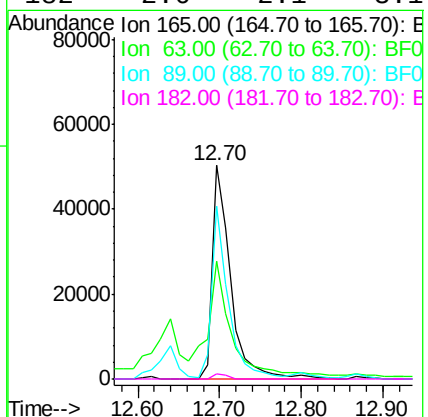
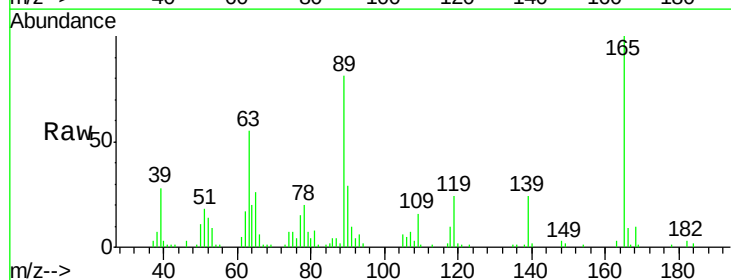
Instrument :
BNA_F
ClientSampleId :
PB92673BS

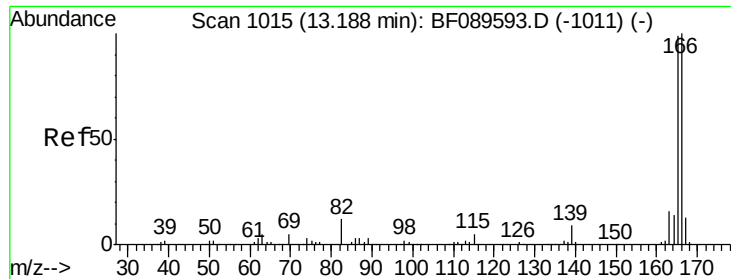
Tgt Ion:139 Resp: 199476
Ion Ratio Lower Upper
139 100
109 0.9 28.9 68.9#
65 2.0 49.2 89.2#



#56
2,4-Dinitrotoluene
Concen: 39.55 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:165 Resp: 79311
Ion Ratio Lower Upper
165 100
63 55.4 42.2 63.4
89 80.9 64.4 96.6
182 2.6 2.1 3.1





#57

Fluorene

Concen: 38.18 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

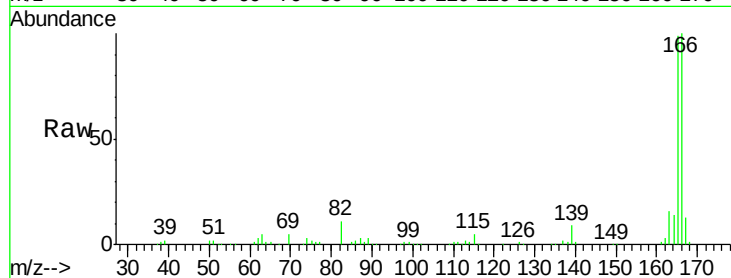
Tgt Ion:166 Resp: 264074

Ion Ratio Lower Upper

166 100

165 98.8 78.9 118.3

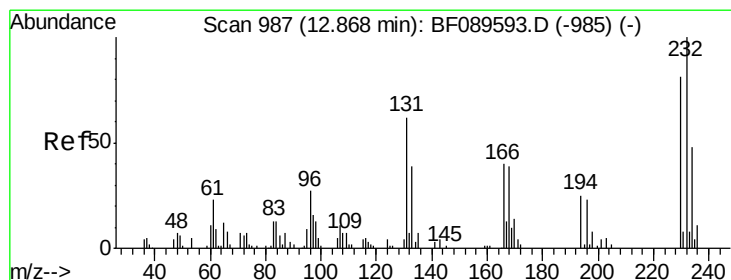
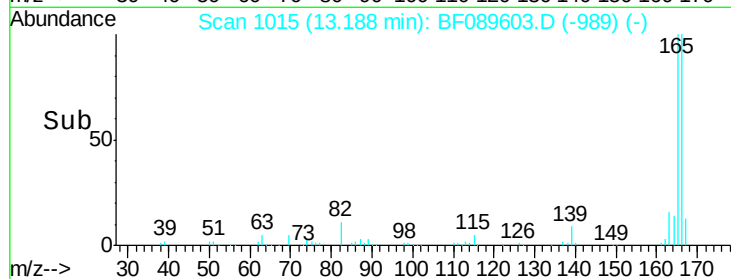
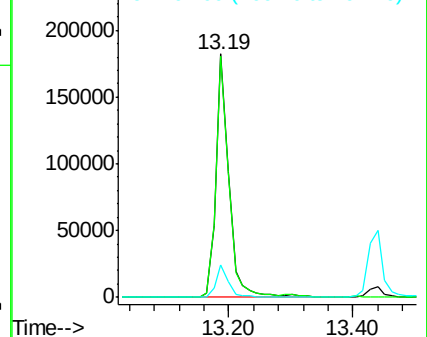
167 13.5 10.4 15.6



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: 40.62 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Tgt Ion:232 Resp: 55891

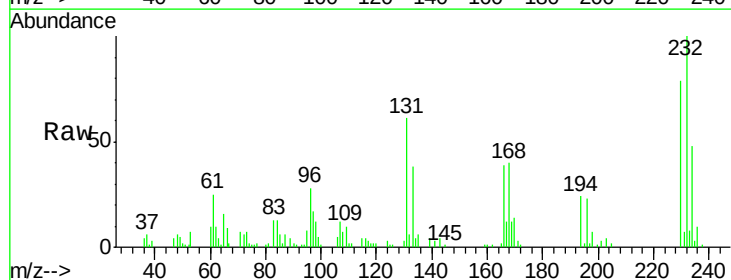
Ion Ratio Lower Upper

232 100

131 59.5 46.2 69.2

130 2.0 1.7 2.5

166 37.6 29.2 43.8

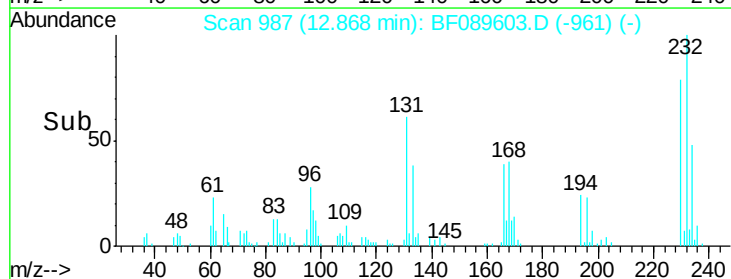
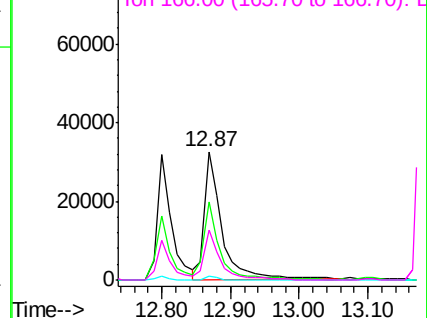


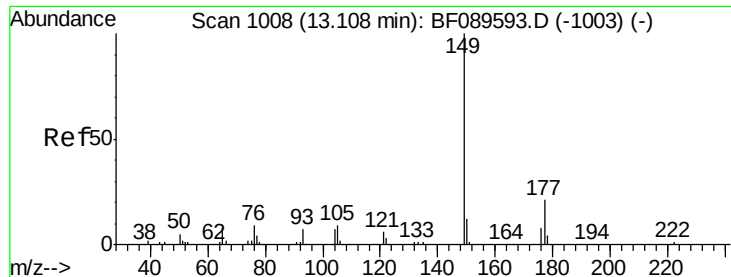
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

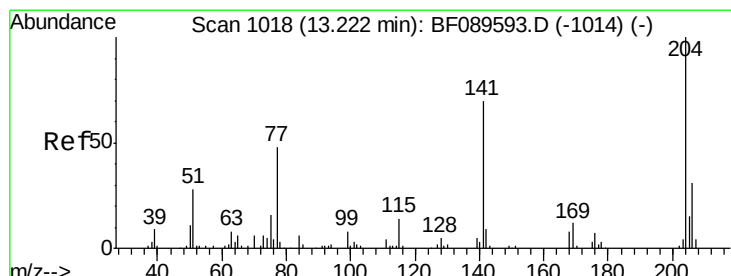
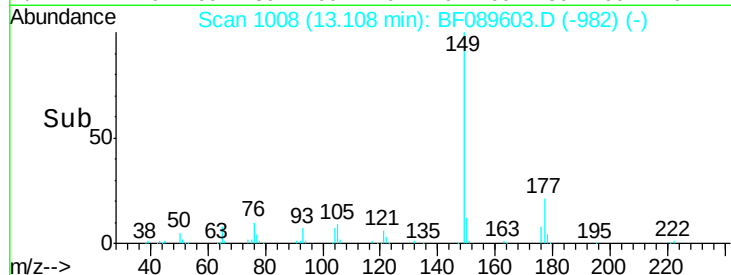
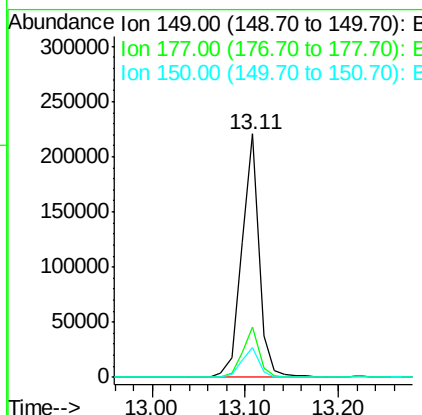
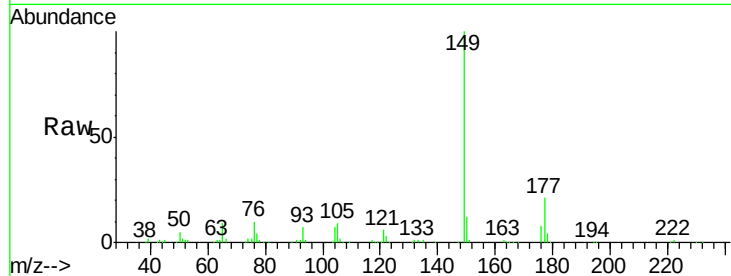




#59
Diethylphthalate
Concen: 38.74 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

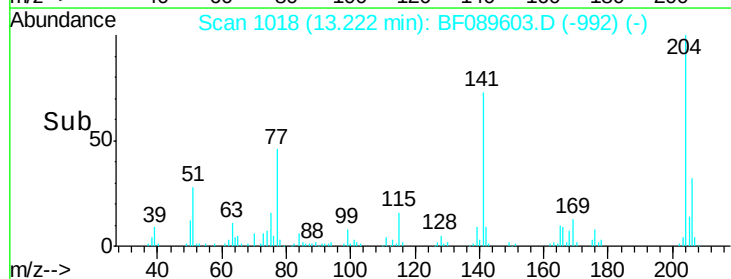
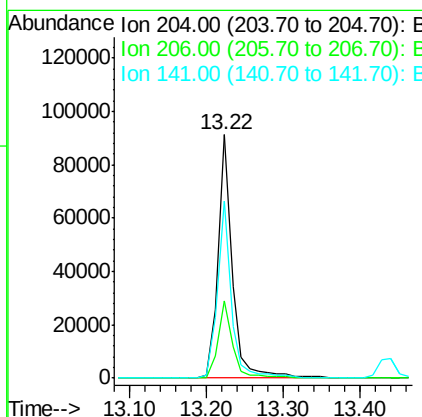
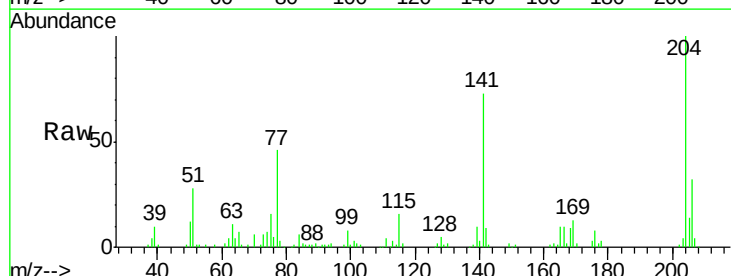
Instrument :
BNA_F
ClientSampleId :
PB92673BS

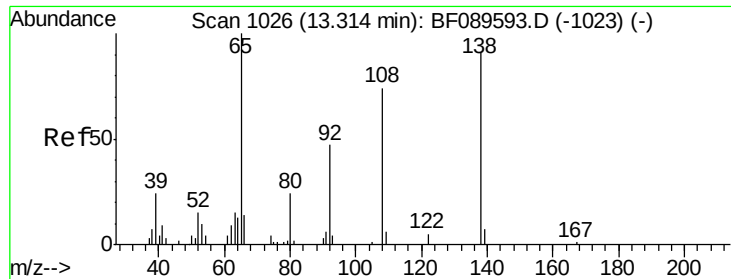
Tgt Ion:149 Resp: 287260
Ion Ratio Lower Upper
149 100
177 20.5 16.8 25.2
150 12.2 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 37.67 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:204 Resp: 119470
Ion Ratio Lower Upper
204 100
206 31.7 25.0 37.4
141 72.7 56.2 84.4





#61

4-Nitroaniline

Concen: 35.22 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS

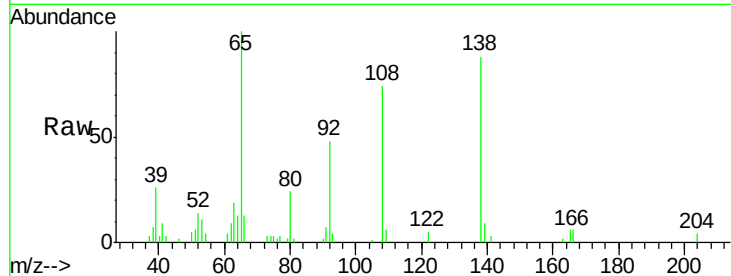
Tgt Ion:138 Resp: 53990

Ion Ratio Lower Upper

138 100

92 55.4 31.6 71.6

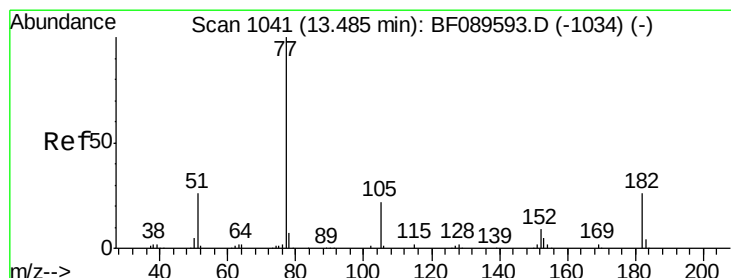
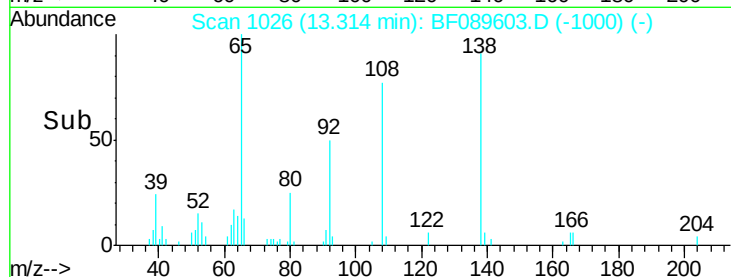
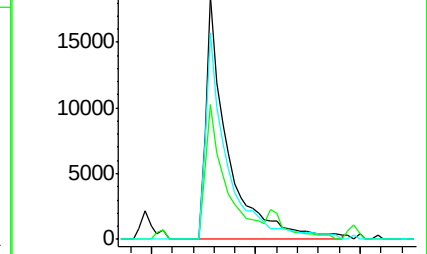
108 85.0 61.5 101.5



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: 42.77 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Tgt Ion: 77 Resp: 306740

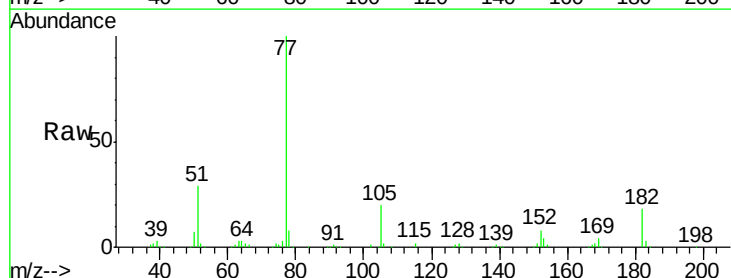
Ion Ratio Lower Upper

77 100

182 18.4 5.8 45.8

105 20.5 2.9 42.9

51 29.1 7.2 47.2

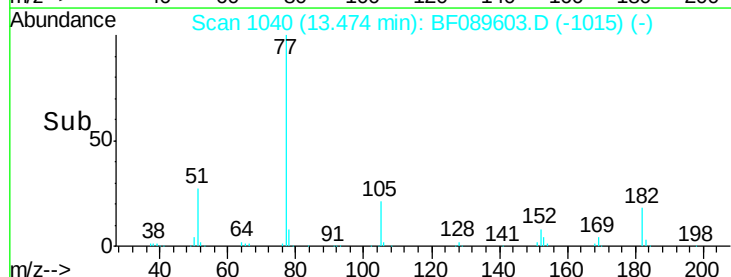
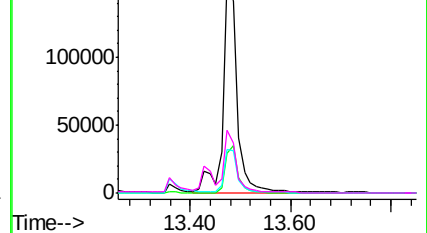


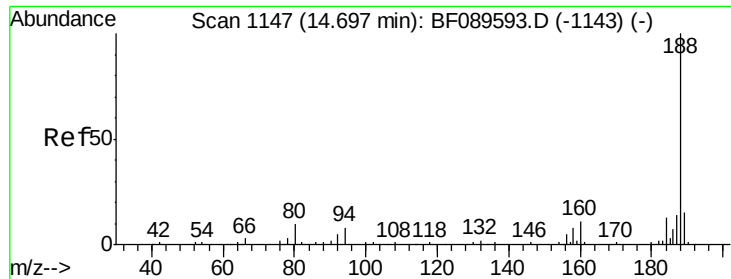
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

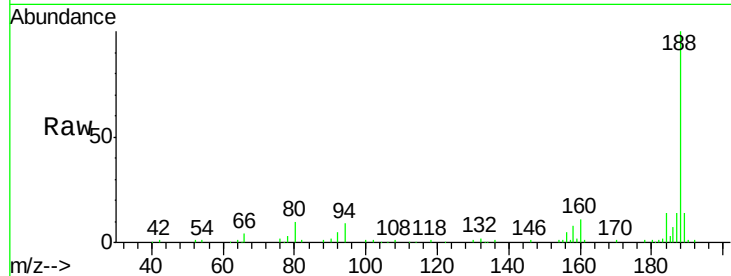




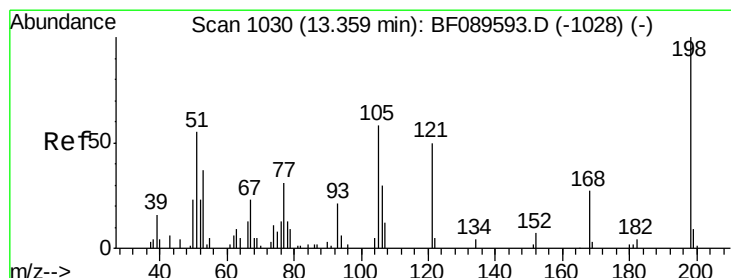
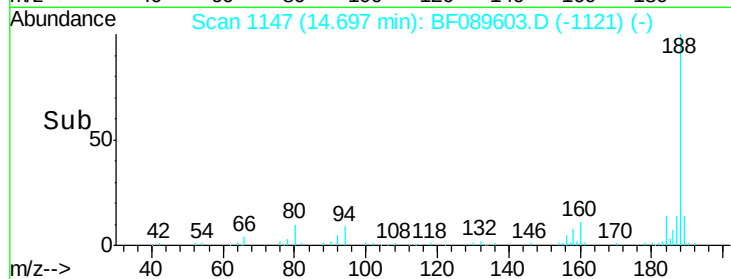
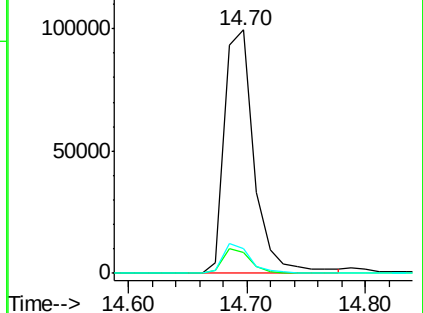
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:188 Resp: 172399
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.5 9.7
 80 10.0 8.0 12.0

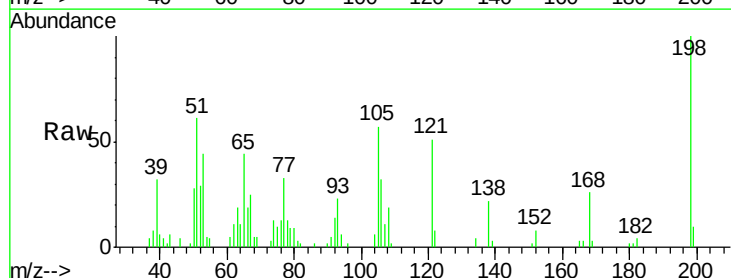


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

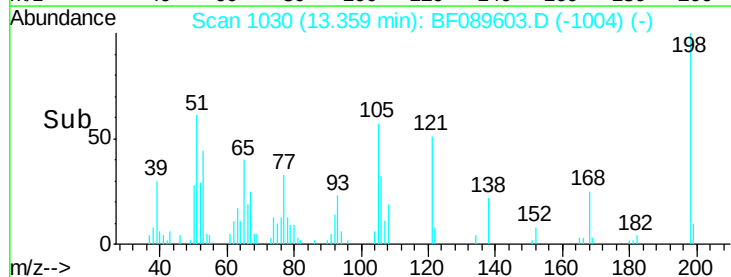
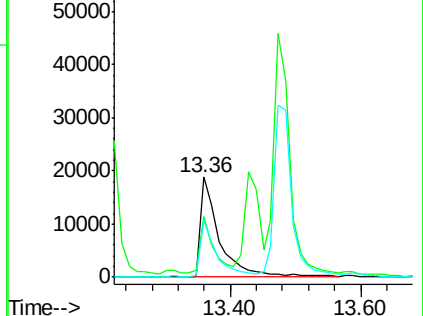


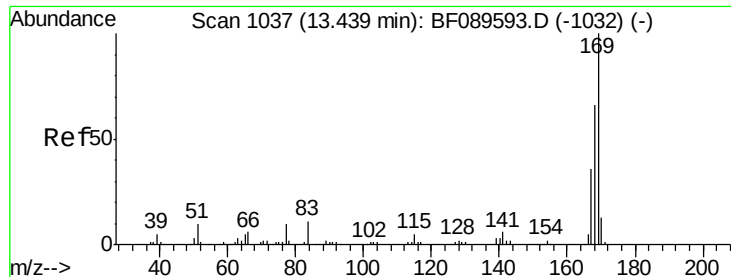
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.52 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:198 Resp: 38196
 Ion Ratio Lower Upper
 198 100
 51 61.0 38.9 78.9
 105 56.7 38.1 78.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

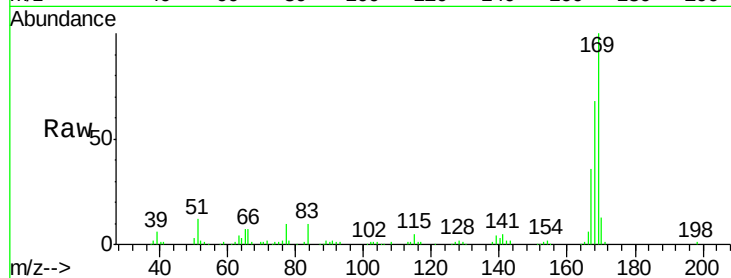




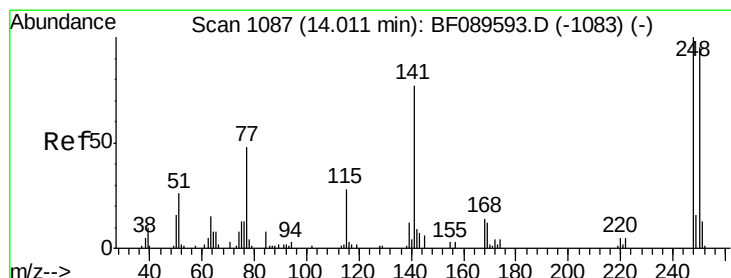
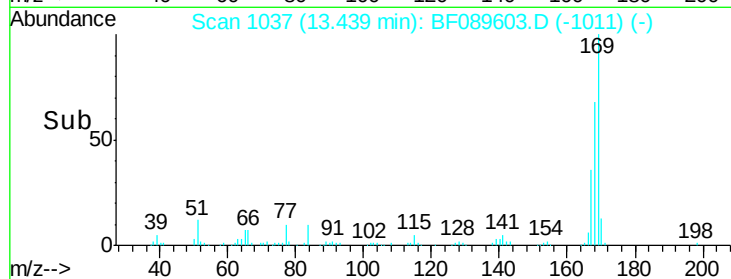
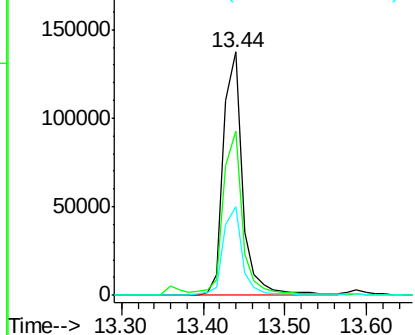
#65
 n-Nitrosodiphenylamine
 Concen: 38.64 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:169 Resp: 224974
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.2
 167 36.2 28.9 43.3

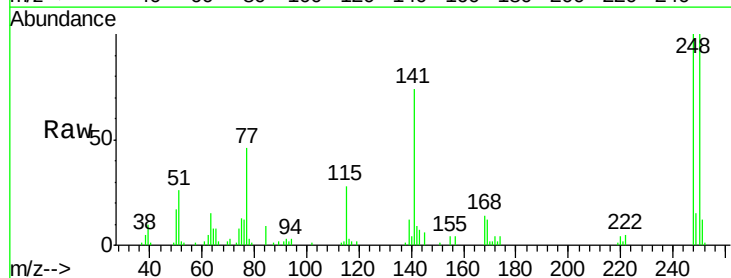


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

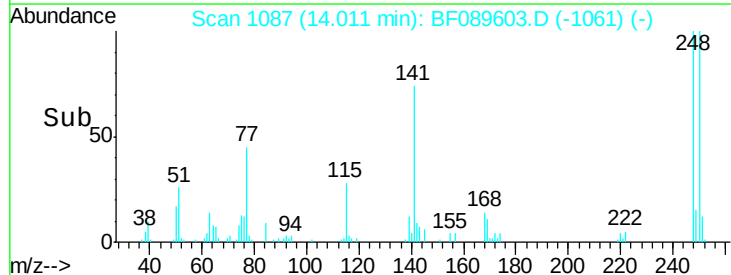
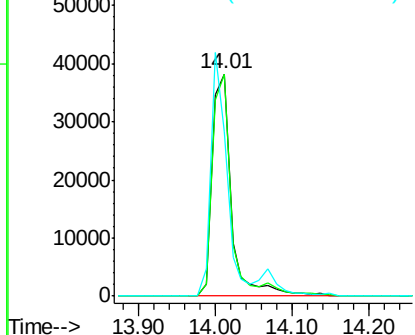


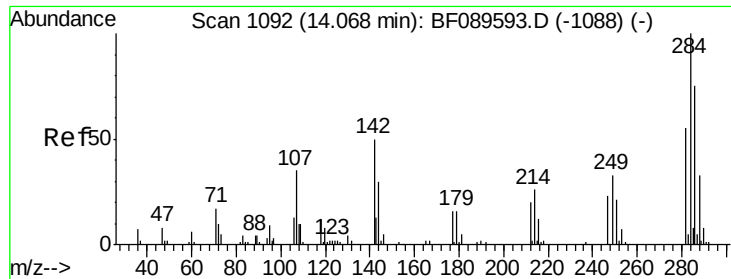
#66
 4-Bromophenyl-phenylether
 Concen: 39.80 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:248 Resp: 66366
 Ion Ratio Lower Upper
 248 100
 250 100.0 76.2 114.2
 141 73.8 61.3 91.9



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

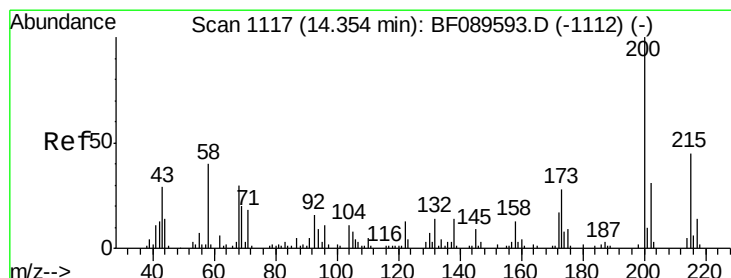
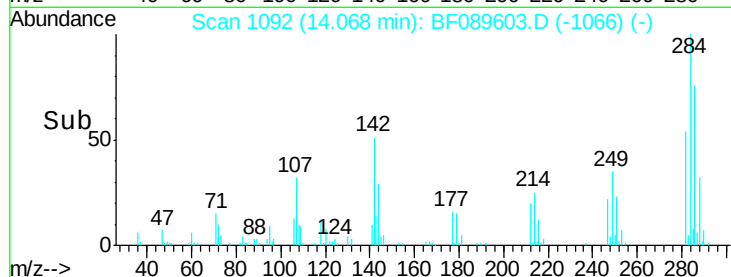
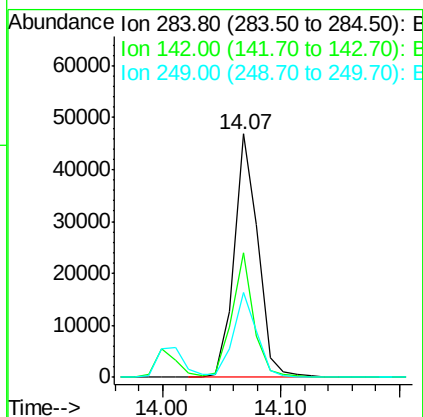
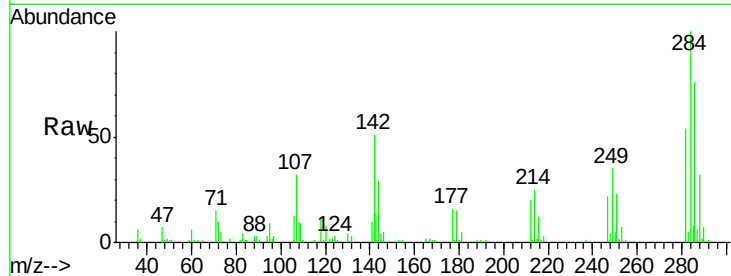




#67
Hexachlorobenzene
Concen: 35.68 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

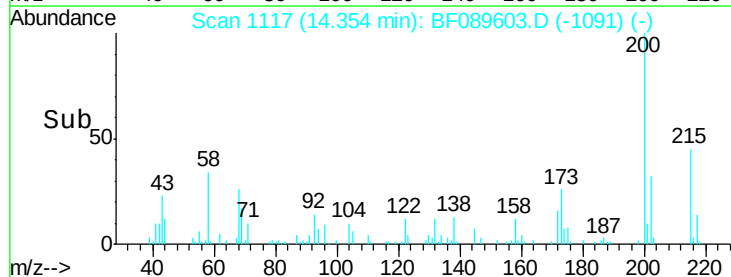
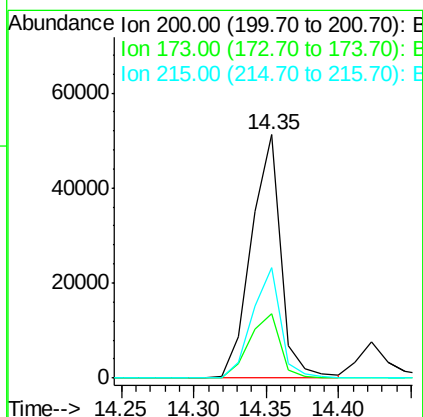
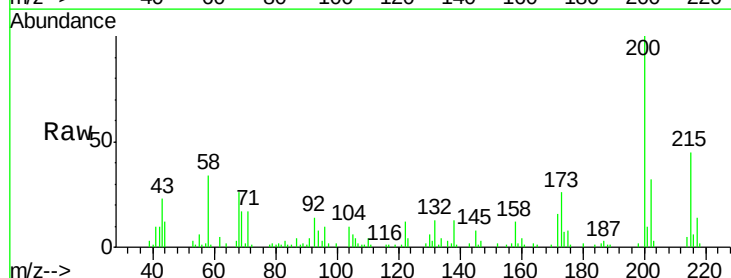
Instrument :
BNA_F
ClientSampleId :
PB92673BS

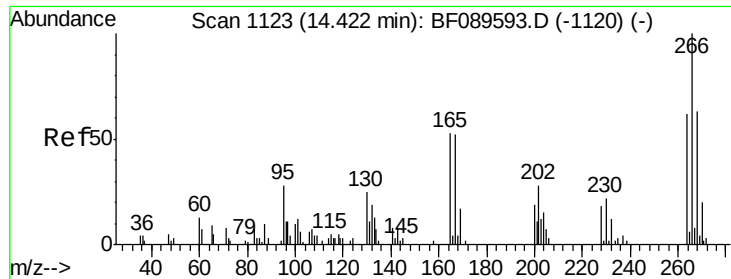
Tgt Ion: 284 Resp: 65456
Ion Ratio Lower Upper
284 100
142 51.0 41.4 62.0
249 34.9 28.6 43.0



#68
Atrazine
Concen: 44.53 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion: 200 Resp: 72389
Ion Ratio Lower Upper
200 100
173 26.3 8.2 48.2
215 45.2 24.9 64.9

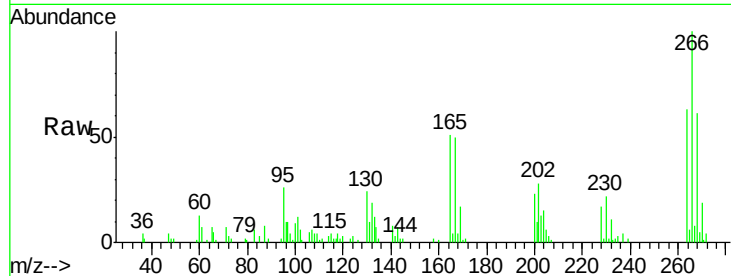




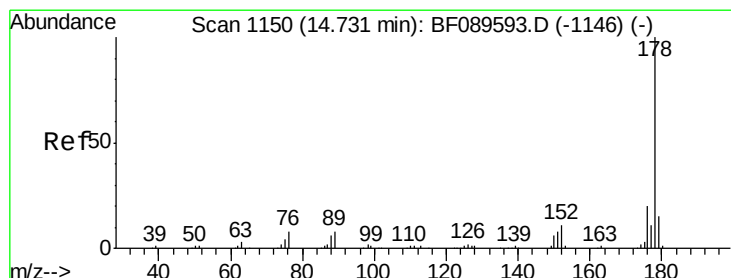
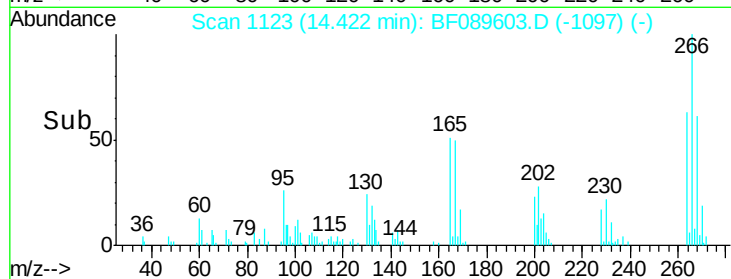
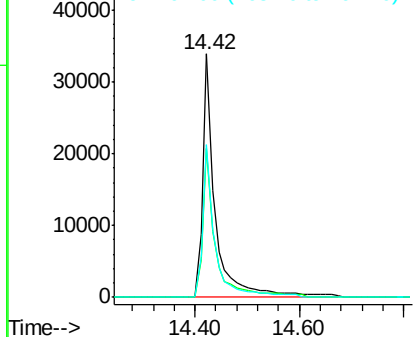
#69
 Pentachlorophenol
 Concen: 74.14 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion:266 Resp: 57974
 Ion Ratio Lower Upper
 266 100
 268 61.2 50.6 75.8
 264 63.0 49.5 74.3

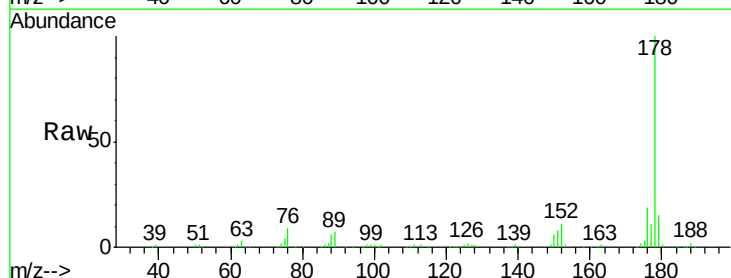


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

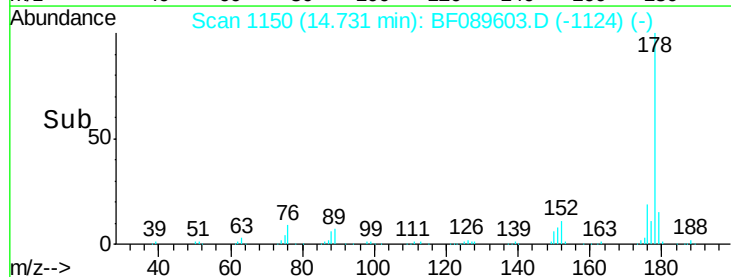
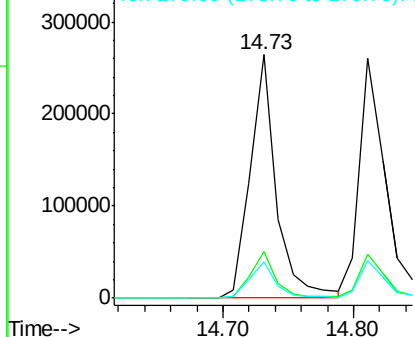


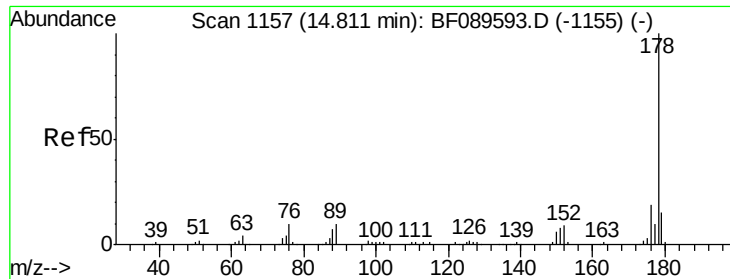
#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:178 Resp: 368535
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.0 12.2 18.2



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

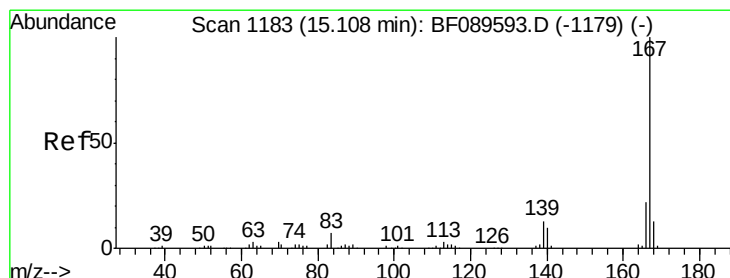
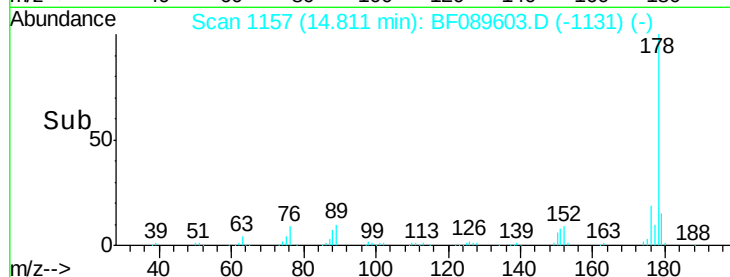
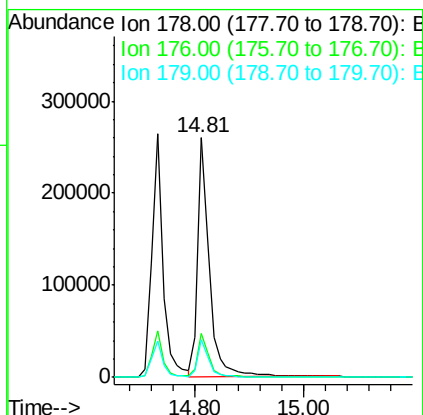
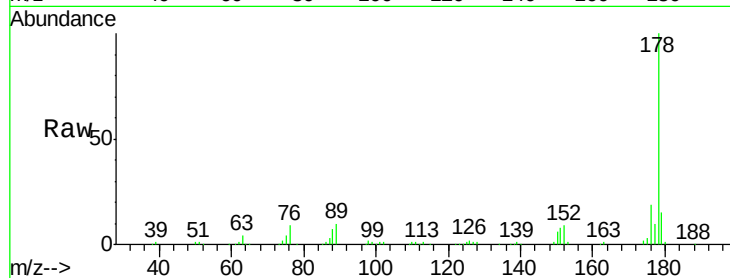




#71
 Anthracene
 Concen: 38.28 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

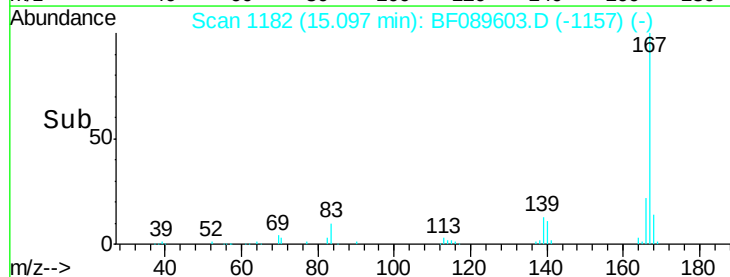
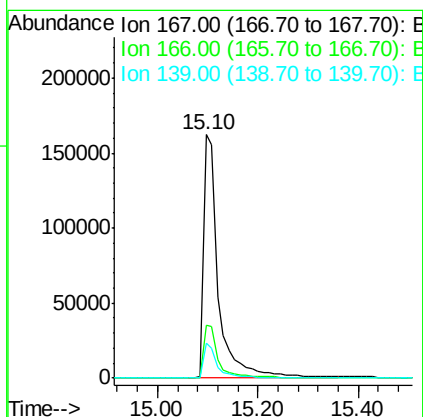
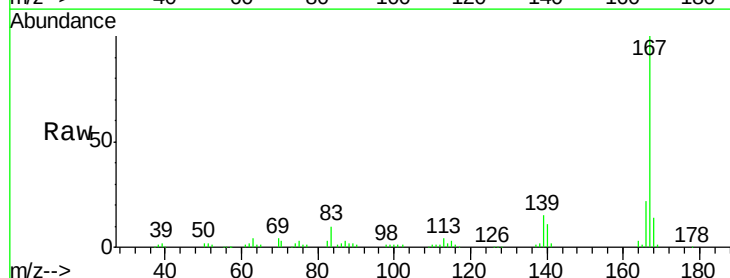
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

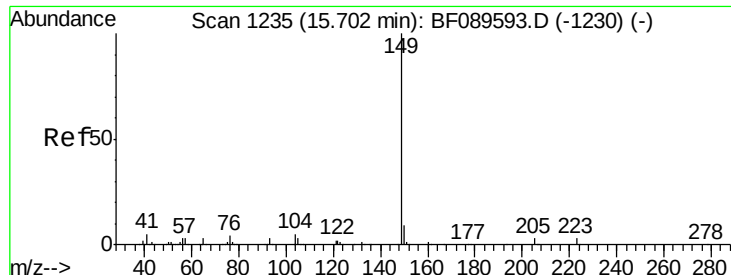
Tgt Ion:178 Resp: 384767
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 15.5 12.4 18.6



#72
 Carbazole
 Concen: 39.91 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:167 Resp: 334321
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.5 10.4 15.6

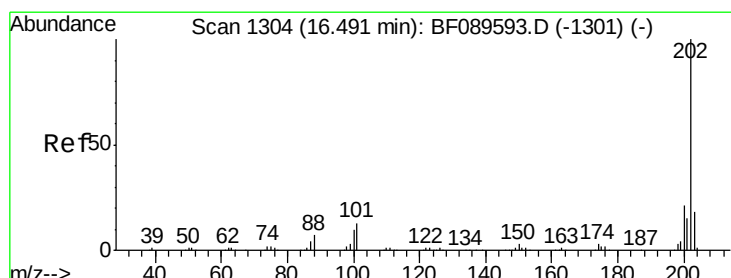
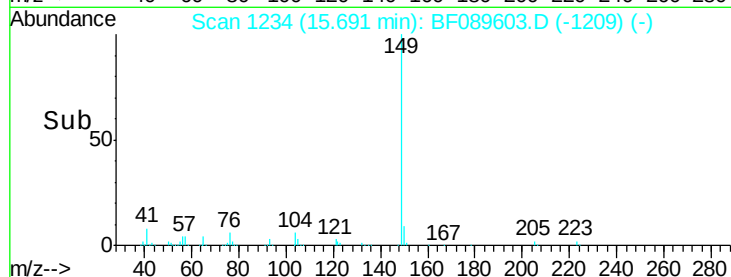
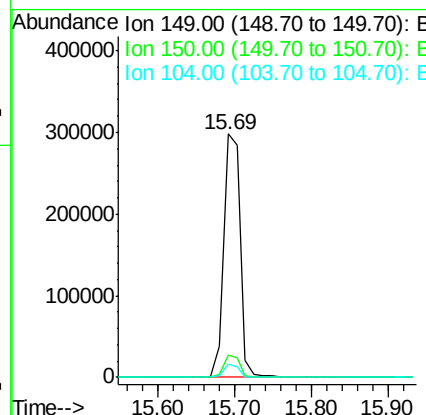
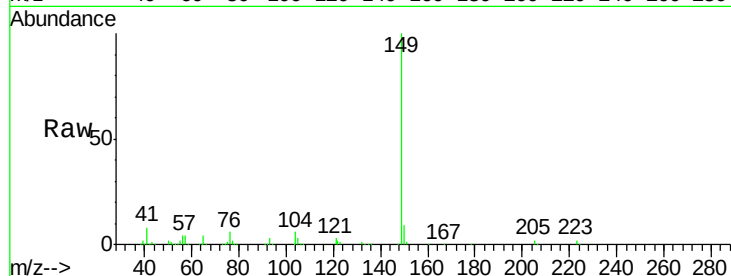




#73
Di-n-butylphthalate
Concen: 39.63 ng
RT: 15.69 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

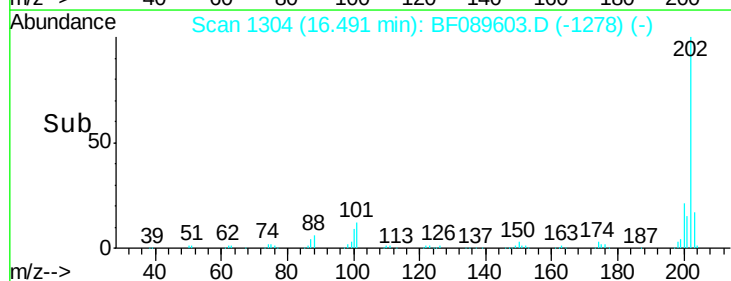
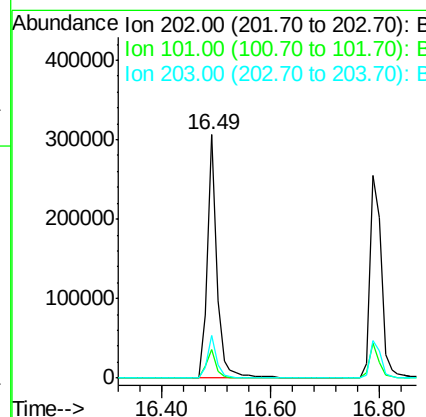
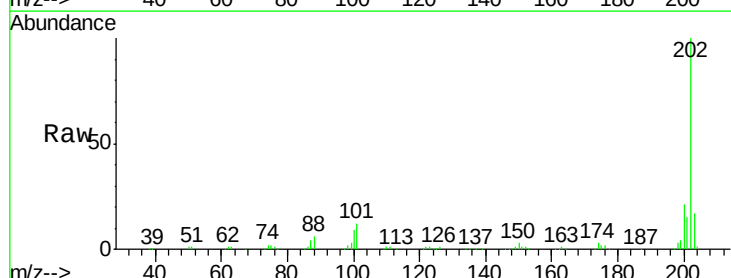
Instrument :
BNA_F
ClientSampleId :
PB92673BS

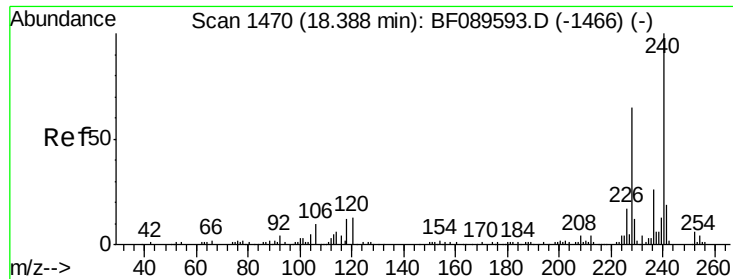
Tgt Ion:149 Resp: 448967
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.6 3.8 5.8



#74
Fluoranthene
Concen: 38.87 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:202 Resp: 374607
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.7
203 17.5 0.0 37.8

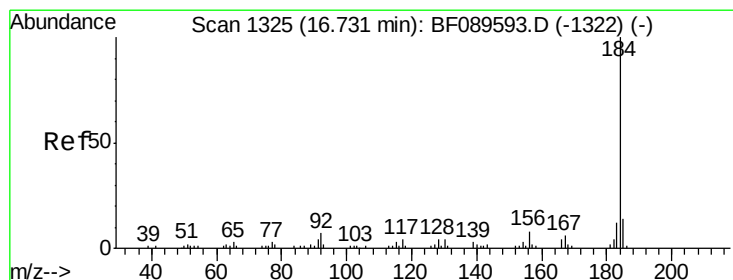
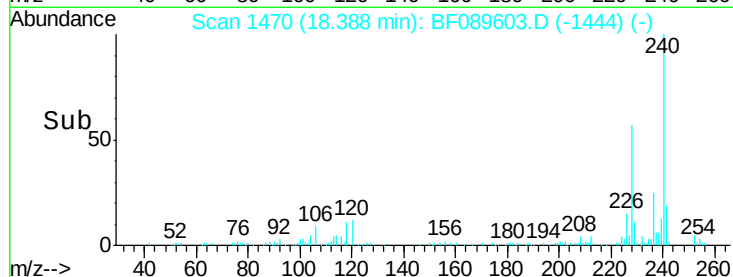
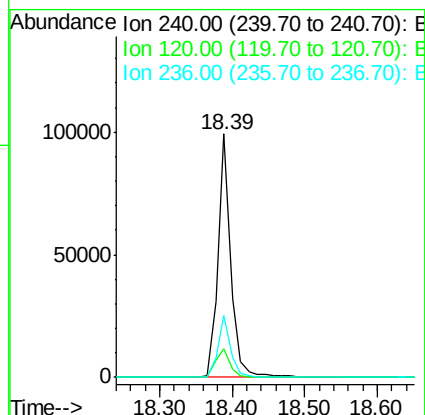
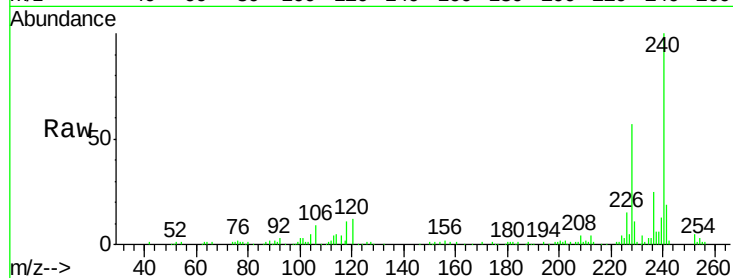




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

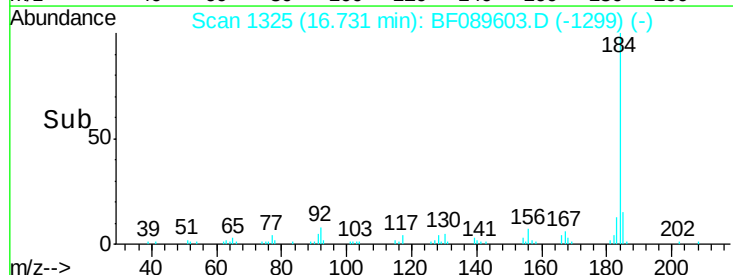
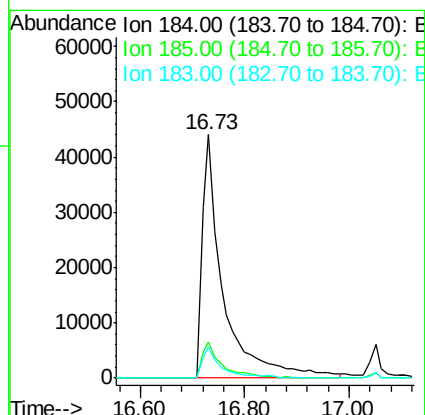
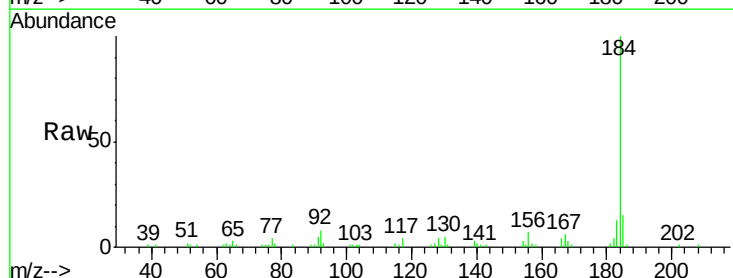
Instrument :
BNA_F
ClientSampleId :
PB92673BS

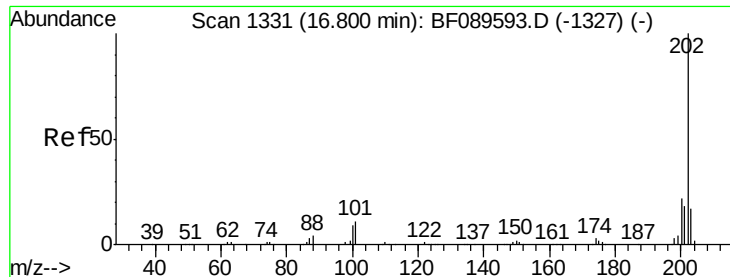
Tgt Ion:240 Resp: 121772
Ion Ratio Lower Upper
240 100
120 11.7 10.6 15.8
236 25.2 20.6 30.8



#76
Benzidine
Concen: 33.25 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:184 Resp: 122735
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 12.6 9.8 14.8

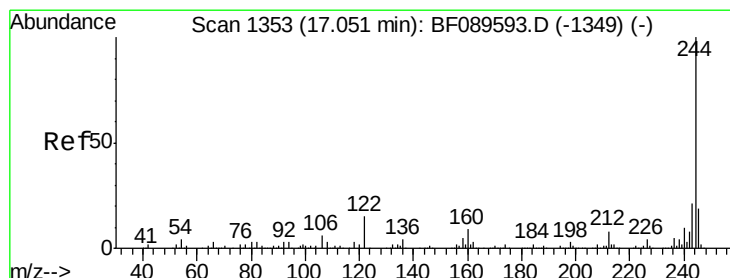
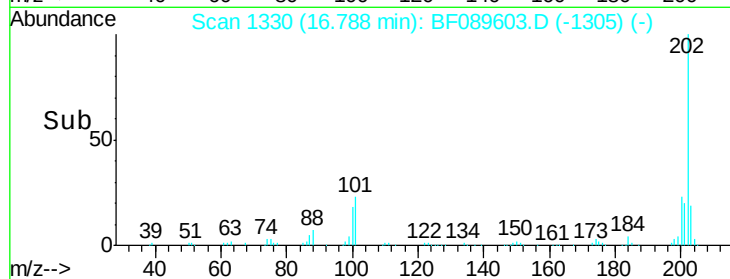
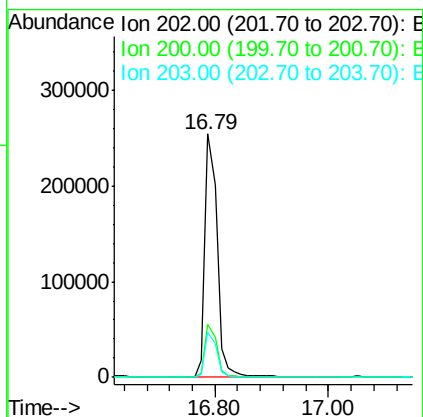
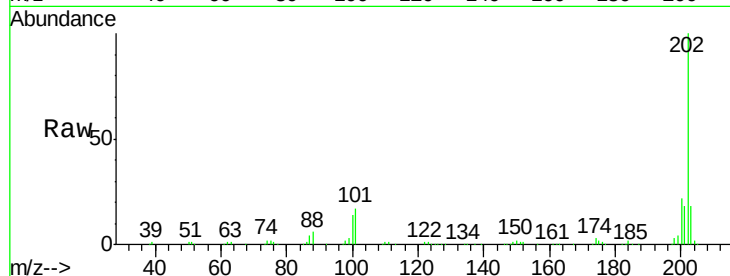




#77
Pyrene
 Concen: 33.67 ng
 RT: 16.79 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

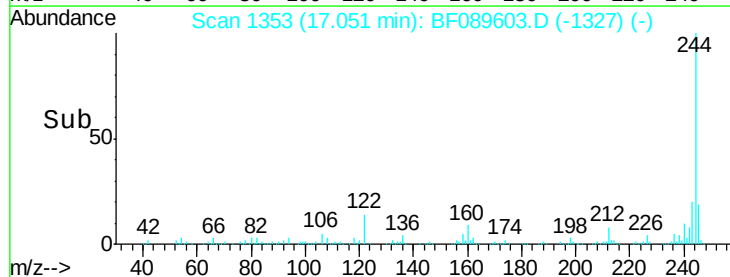
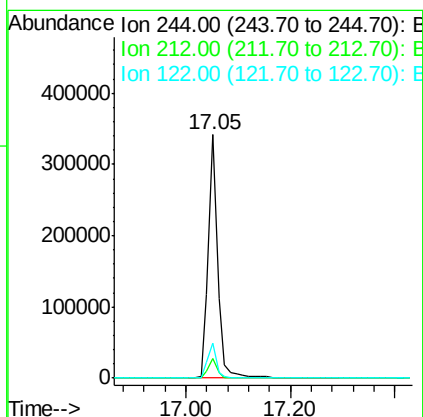
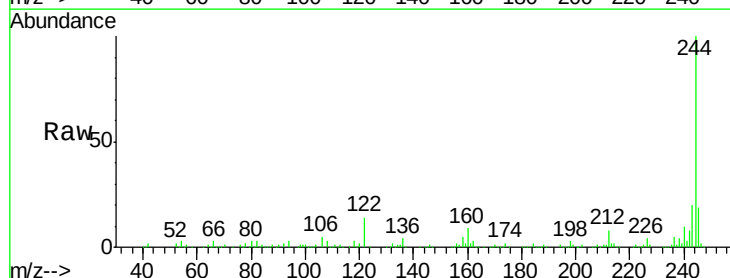
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

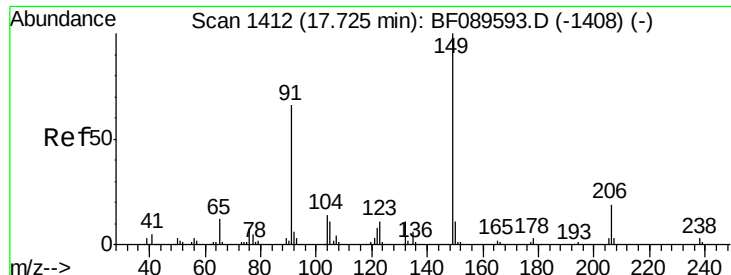
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.0
203	18.5	13.6	20.4



#78
Terphenyl-d14
 Concen: 69.56 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.2	12.2	18.2

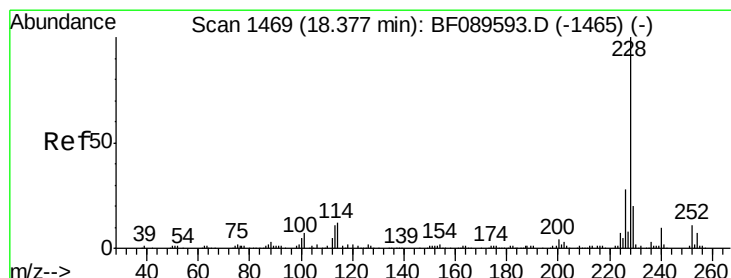
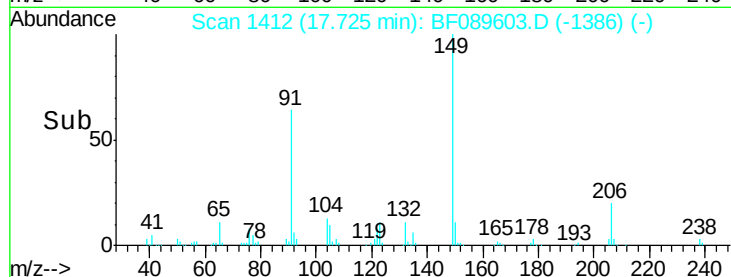
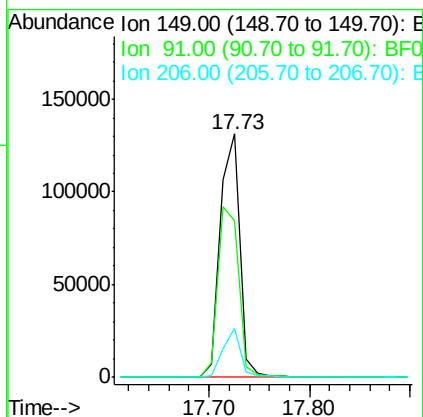
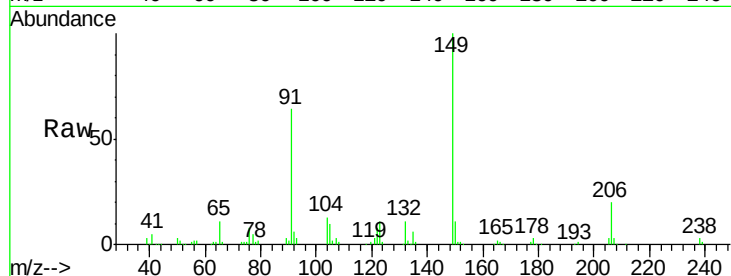




#79
Butylbenzylphthalate
Concen: 38.93 ng
RT: 17.73 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

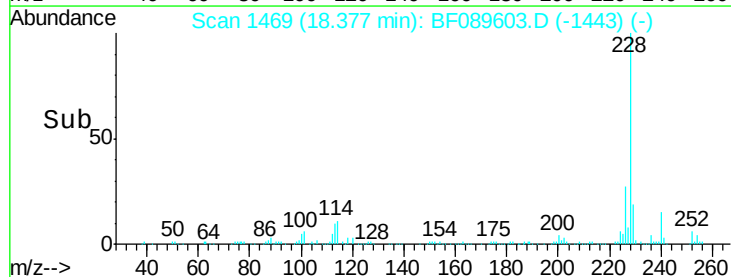
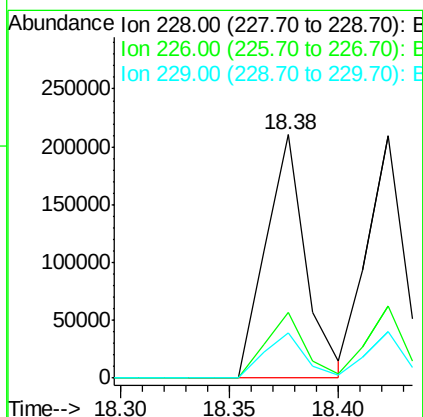
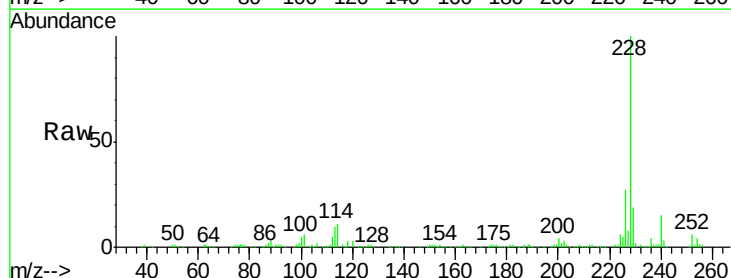
Instrument :
BNA_F
ClientSampleId :
PB92673BS

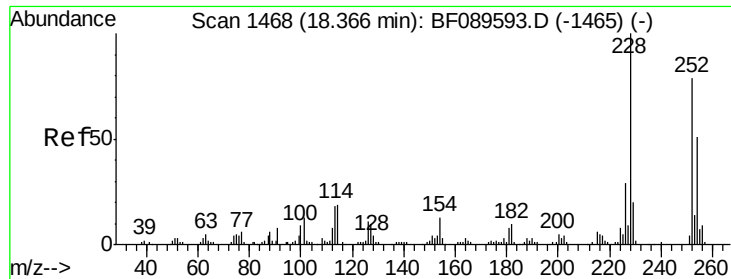
Tgt Ion:149 Resp: 178340
Ion Ratio Lower Upper
149 100
91 64.4 52.6 78.8
206 20.0 15.4 23.0



#80
Benzo(a)anthracene
Concen: 38.42 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion:228 Resp: 268828
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 18.8 15.9 23.9

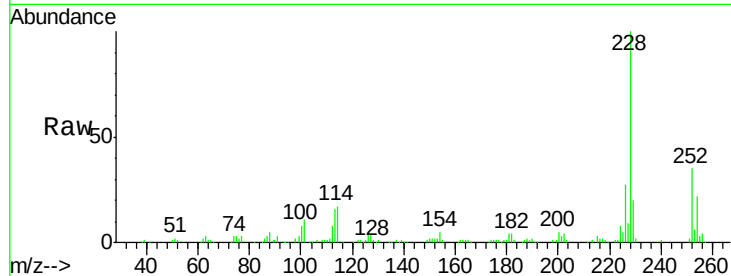




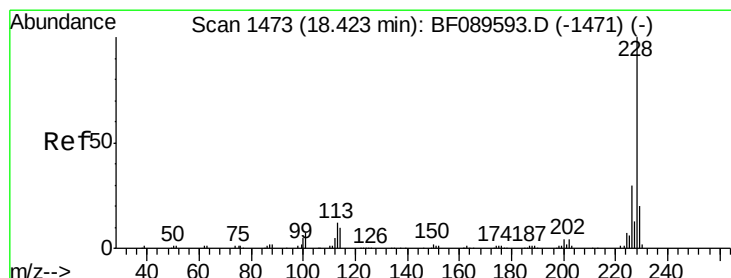
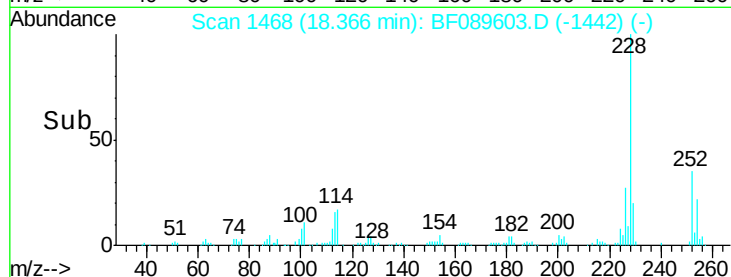
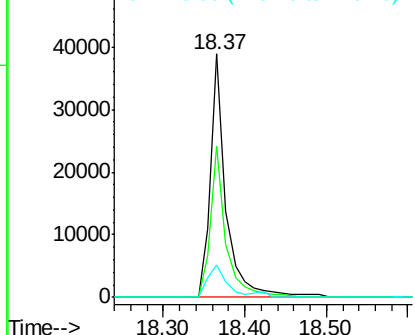
#81
 3,3'-Dichlorobenzidine
 Concen: 23.95 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

Tgt Ion: 252 Resp: 52801
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.7 77.5
 126 13.5 11.0 16.4

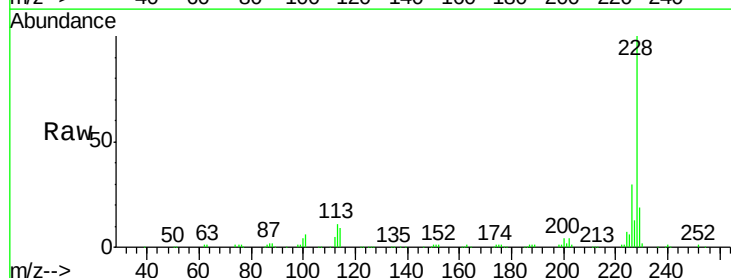


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

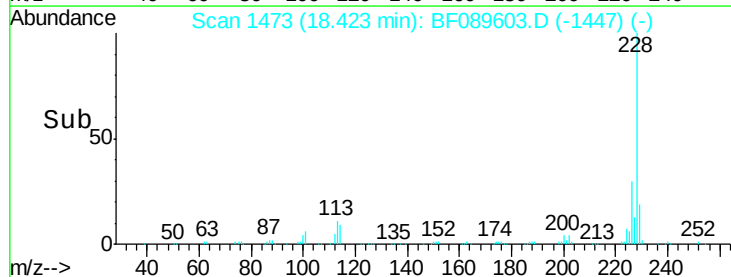
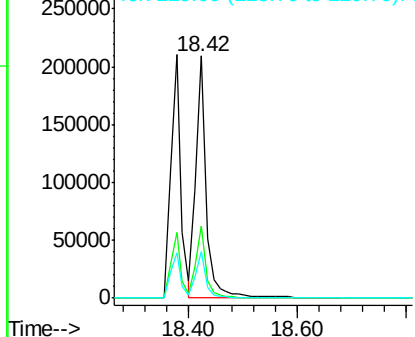


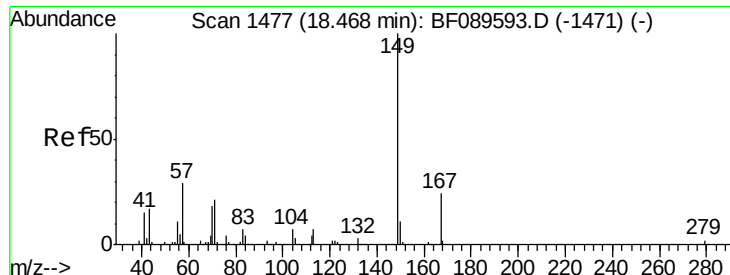
#82
 Chrysene
 Concen: 37.44 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion: 228 Resp: 274838
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

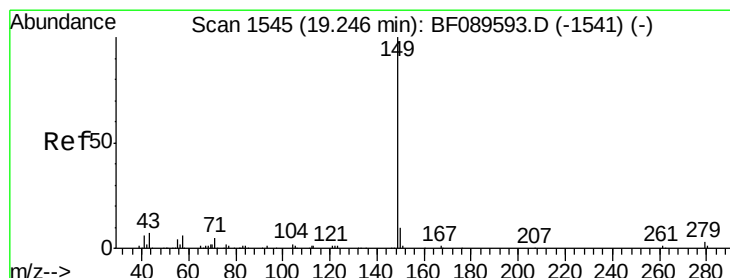
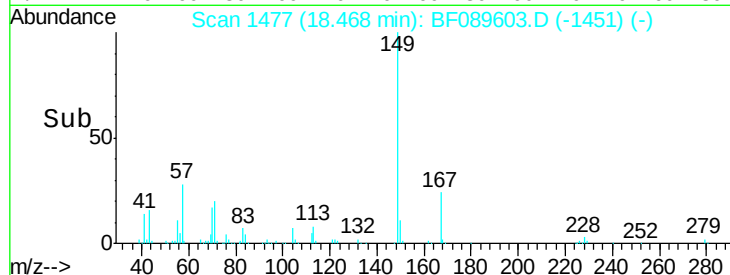
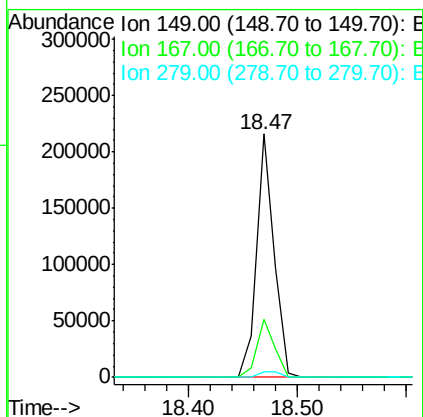
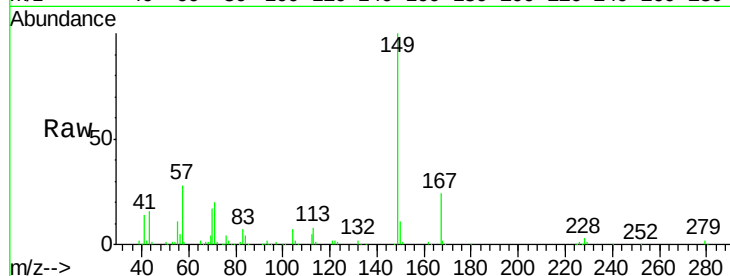




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.48 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

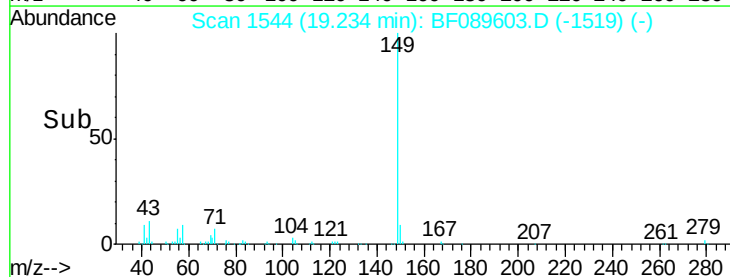
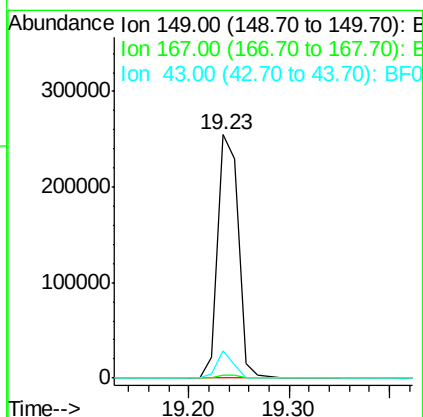
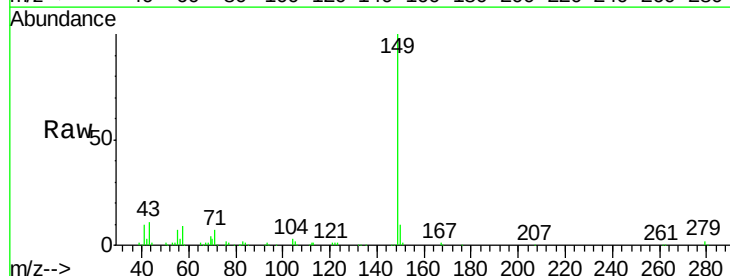
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

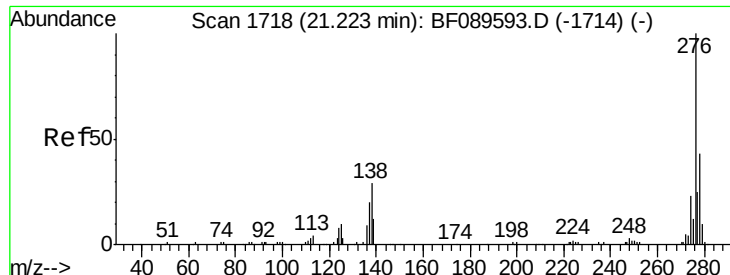
Tgt Ion:149 Resp: 244111
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.0 28.4
 279 2.3 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 39.64 ng
 RT: 19.23 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion:149 Resp: 361880
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 7.0 10.4

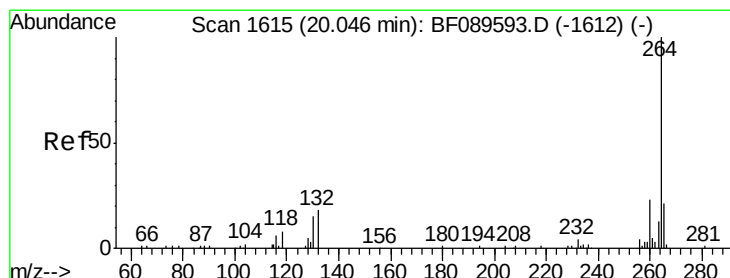
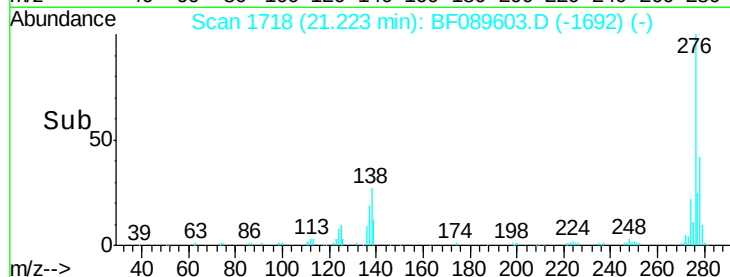
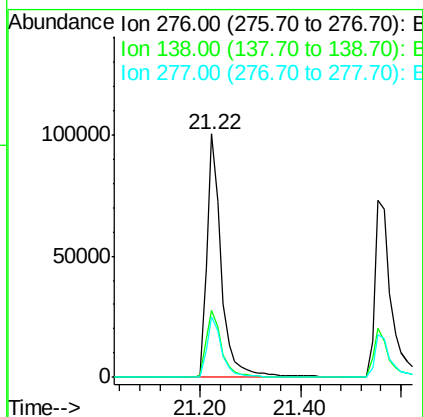
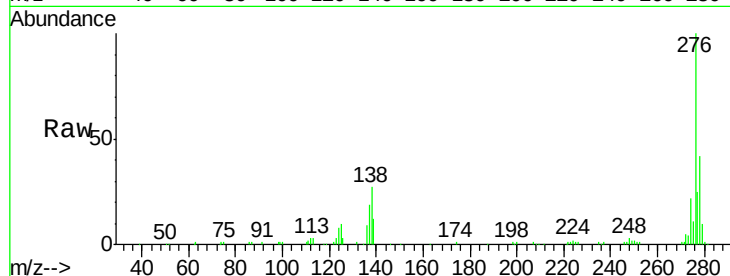




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.76 ng
 RT: 21.22 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

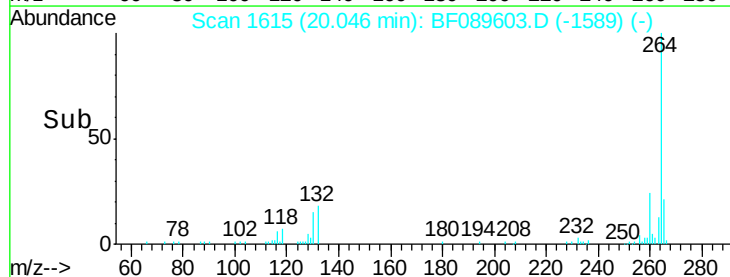
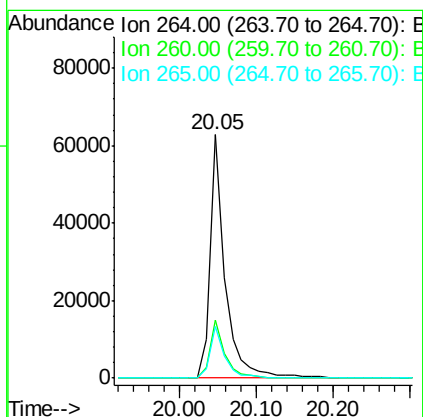
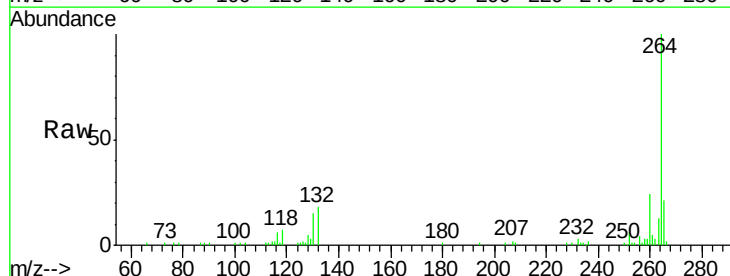
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

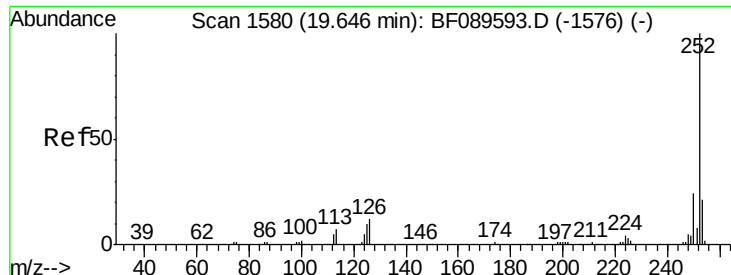
Tgt Ion: 276 Resp: 199333
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.8 35.8
 277 25.3 20.3 30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion: 264 Resp: 84326
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.1 16.5 24.7

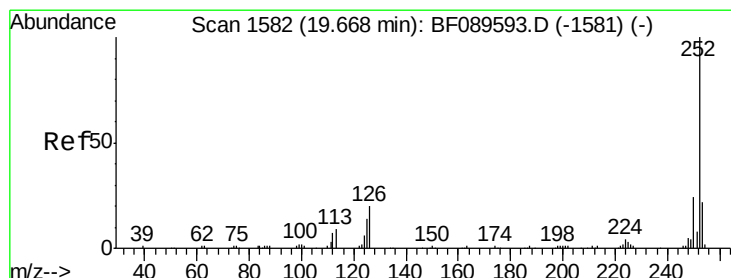
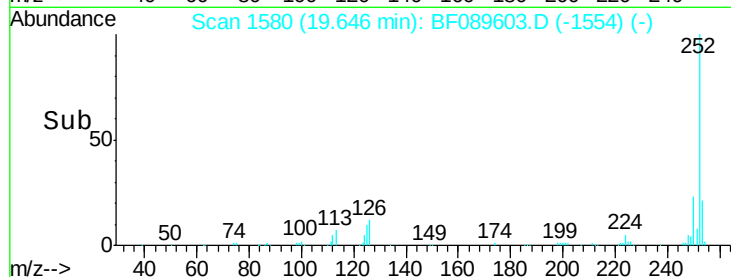
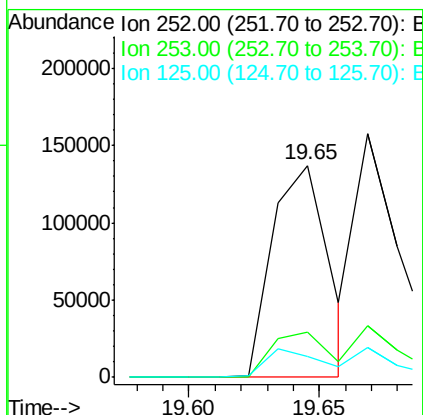
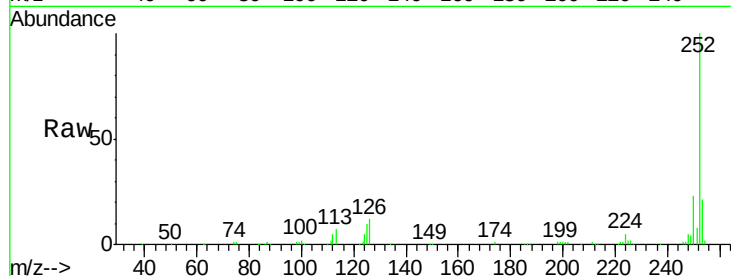




#87
 Benzo(b)fluoranthene
 Concen: 39.72 ng
 RT: 19.65 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

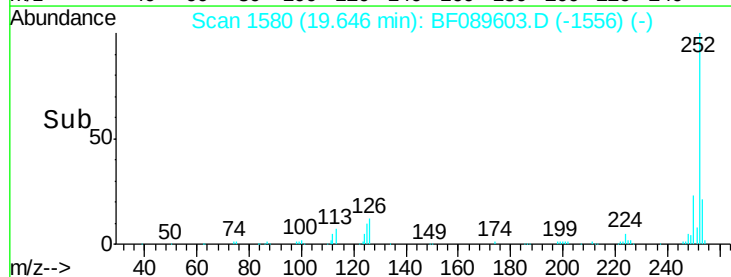
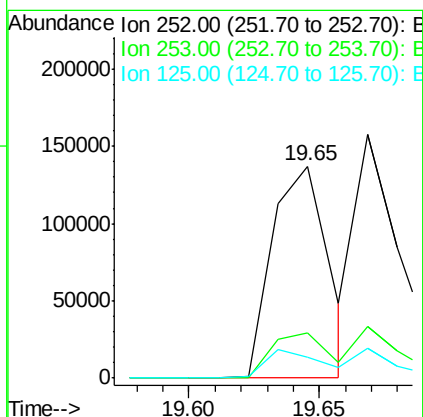
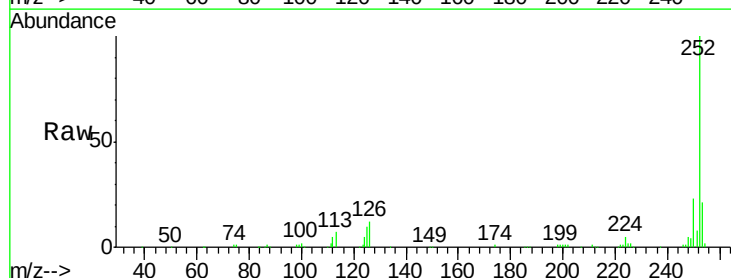
Instrument :
 BNA_F
 ClientSampleId :
 PB92673BS

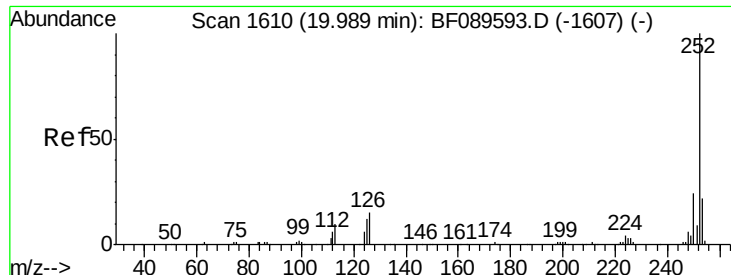
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.6	7.8	11.8



#88
 Benzo(k)fluoranthene
 Concen: 39.37 ng
 RT: 19.65 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF089603.D
 Acq: 4 Aug 2016 23:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	9.6	11.0	16.6#

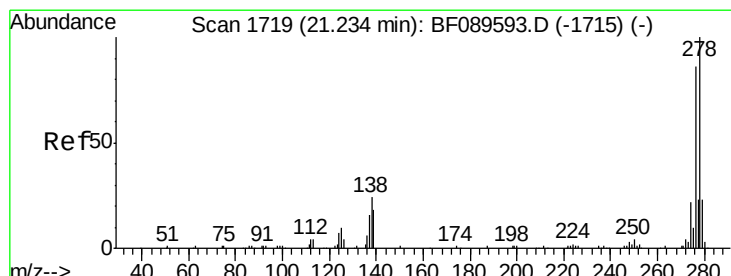
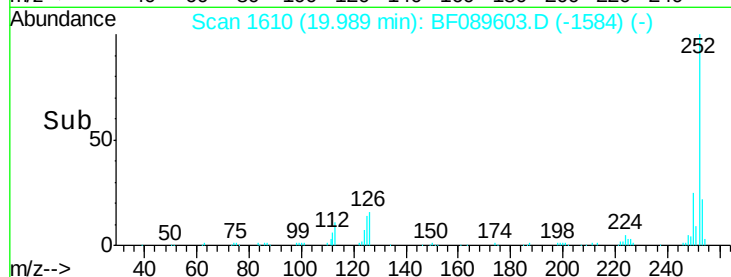
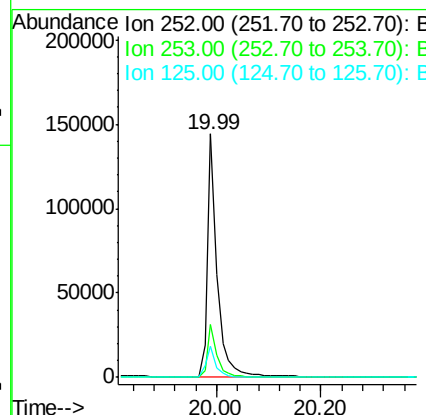
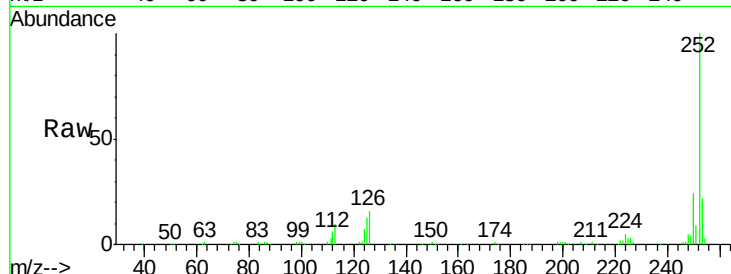




#89
Benzo(a)pyrene
Concen: 39.31 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

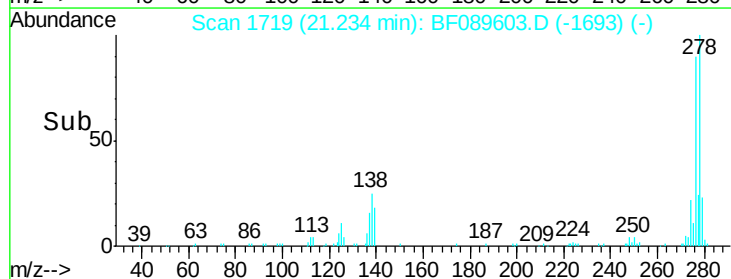
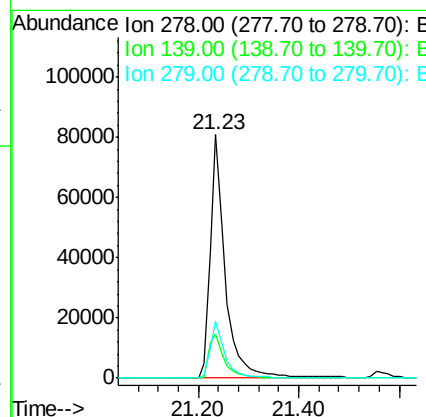
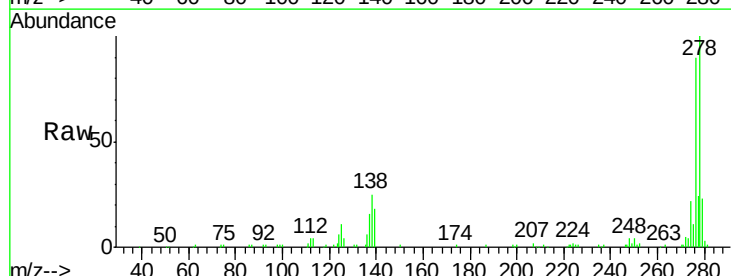
Instrument :
BNA_F
ClientSampleId :
PB92673BS

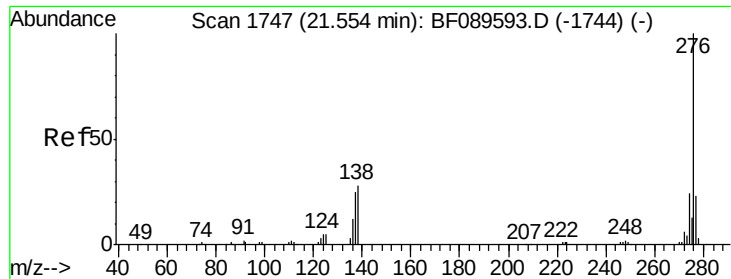
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	12.9	9.9	14.9



#90
Dibenzo(a,h)anthracene
Concen: 36.98 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089603.D
Acq: 4 Aug 2016 23:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.6	21.8
279	23.5	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 36.73 ng

RT: 21.55 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BF089603.D

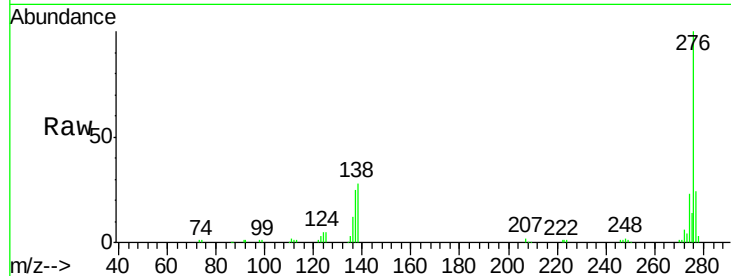
Acq: 4 Aug 2016 23:38

Instrument :

BNA_F

ClientSampleId :

PB92673BS



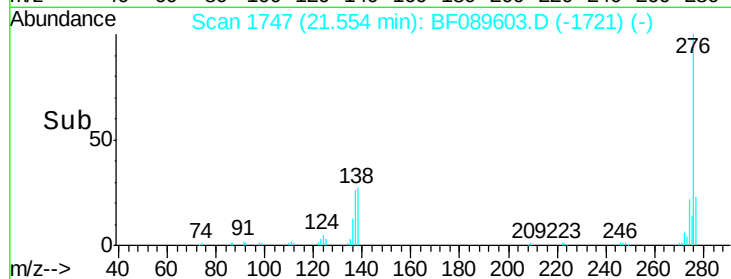
Tgt Ion: 276 Resp: 170553

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 27.7 22.6 33.8



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

