

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088545.D
 Acq On : 30 Jun 2016 22:54
 Operator : UM/SJ
 Sample : PB91702BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Quant Time: Jul 01 01:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139429	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	585426	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	275350	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	504198	20.00	ng	0.00
75) Chrysene-d12	13.95	240	404838	20.00	ng	0.00
86) Perylene-d12	15.35	264	385958	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	734896	78.99	ng	0.01
7) Phenol-d6	6.44	99	1027700	85.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	704863	63.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	247763	96.90	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1047546	60.09	ng	0.00
78) Terphenyl-d14	12.91	244	1056248	58.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	117357	25.44	ng	# 30
3) Pyridine	3.18	79	182474	13.63	ng	95
4) n-Nitrosodimethylamine	3.11	42	76842	15.03	ng	90
6) Aniline	6.47	93	167145	9.54	ng	97
8) 2-Chlorophenol	6.59	128	163527	16.35	ng	97
9) Benzaldehyde	6.35	77	116439	14.30	ng	86
10) Phenol	6.46	94	272691	19.88	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	161281	15.76	ng	94
12) 1,3-Dichlorobenzene	6.75	146	175266	15.93	ng	99
13) 1,4-Dichlorobenzene	6.83	146	177439	16.25	ng	99
14) 1,2-Dichlorobenzene	6.83	146	177439	17.36	ng	96
15) Benzyl Alcohol	6.96	79	138795	15.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	223028	15.05	ng	94
17) 2-Methylphenol	7.06	107	134810	16.53	ng	98
18) Hexachloroethane	7.32	117	63060	14.93	ng	# 82
19) n-Nitroso-di-n-propylamine	7.22	70	126861	15.71	ng	96
20) 3+4-Methylphenols	7.22	107	181617	18.55	ng	# 72
22) Acetophenone	7.22	105	241952	17.03	ng	# 88
24) Nitrobenzene	7.39	77	198128	17.59	ng	# 85
25) Isophorone	7.63	82	331763	16.03	ng	95
26) 2-Nitrophenol	7.71	139	79427	17.20	ng	90
27) 2,4-Dimethylphenol	7.75	122	161834	16.82	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	223898	16.63	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	136748	17.59	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	140093	16.42	ng	96
31) Naphthalene	8.11	128	471119	16.32	ng	98
32) Benzoic acid	7.84	122	82297	11.78	ng	93
33) 4-Chloroaniline	8.16	127	101843	7.93	ng	# 94
34) Hexachlorobutadiene	8.24	225	71375	15.62	ng	97
35) Caprolactam	8.55	113	26091	9.88	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	147302	16.02	ng	91
37) 2-Methylnaphthalene	8.91	142	294705	15.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	123097	13.44	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	221806	49.34	ng	99

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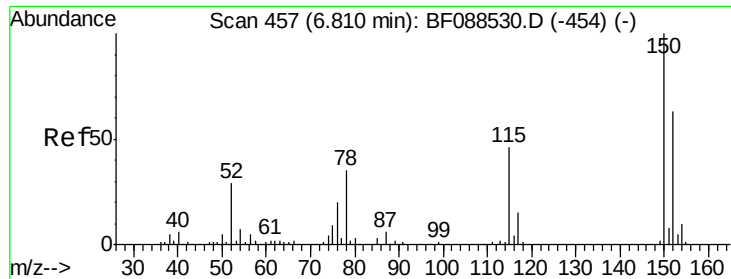
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.08	196	94159	15.59	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	92228	17.75	ng	# 88
45) 1,1'-Biphenyl	9.28	154	371232	16.28	ng	96
46) 2-Chloronaphthalene	9.29	162	284694	15.90	ng	98
47) 2-Nitroaniline	9.38	65	89677	14.12	ng	89
48) Acenaphthylene	9.71	152	487200	17.11	ng	98
49) Dimethylphthalate	9.58	163	358057	18.25	ng	99
50) 2,6-Dinitrotoluene	9.63	165	79489	18.28	ng	# 86
51) Acenaphthene	9.88	154	332746	19.06	ng	99
52) 3-Nitroaniline	9.79	138	60603	10.97	ng	96
53) 2,4-Dinitrophenol	9.90	184	84700	44.12	ng	# 77
54) Dibenzofuran	10.06	168	434542	19.02	ng	96
55) 4-Nitrophenol	9.95	139	200521	47.74	ng	97
56) 2,4-Dinitrotoluene	10.03	165	106802	18.79	ng	94
57) Fluorene	10.39	166	310860	17.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	81335	20.24	ng	# 55
59) Diethylphthalate	10.27	149	343186	17.43	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	136779	16.72	ng	94
61) 4-Nitroaniline	10.40	138	73048	13.73	ng	85
62) Azobenzene	10.55	77	389712	17.35	ng	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	43307	16.06	ng	88
65) n-Nitrosodiphenylamine	10.50	169	277640	16.27	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	90949	17.90	ng	96
67) Hexachlorobenzene	10.94	284	88382	15.71	ng	92
68) Atrazine	11.03	200	81488	15.33	ng	89
69) Pentachlorophenol	11.13	266	162479	48.81	ng	97
70) Phenanthrene	11.35	178	477278	17.32	ng	99
71) Anthracene	11.40	178	502326	18.33	ng	98
72) Carbazole	11.55	167	480716	18.64	ng	99
73) Di-n-butylphthalate	11.90	149	551604	18.38	ng	99
74) Fluoranthene	12.53	202	496337	17.76	ng	93
76) Benzidine	12.65	184	311973	15.25	ng	99
77) Pyrene	12.75	202	491018	14.30	ng	100
79) Butylbenzylphthalate	13.38	149	218687	14.28	ng	# 64
80) Benzo(a)anthracene	13.94	228	460253	17.66	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	82656	8.43	ng	# 97
82) Chrysene	13.98	228	388048	15.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	284318	16.26	ng	# 99
84) Di-n-octyl phthalate	14.56	149	501247	16.88	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	317710	16.01	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	757440	31.28	ng	# 97
88) Benzo(k)fluoranthene	14.98	252	757407	35.93	ng	98
89) Benzo(a)pyrene	15.29	252	352871	17.21	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	264941	15.48	ng	96
91) Benzo(g,h,i)perylene	17.10	276	258885	14.62	ng	98

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

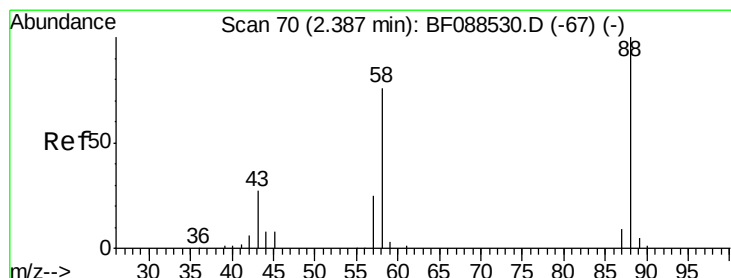
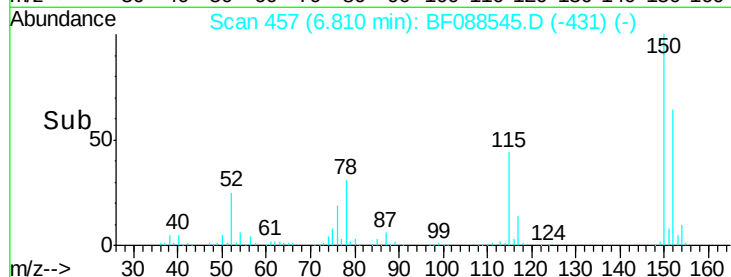
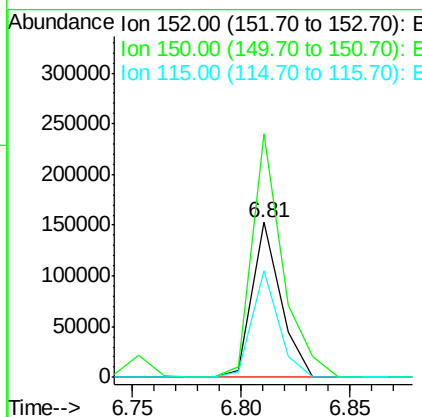
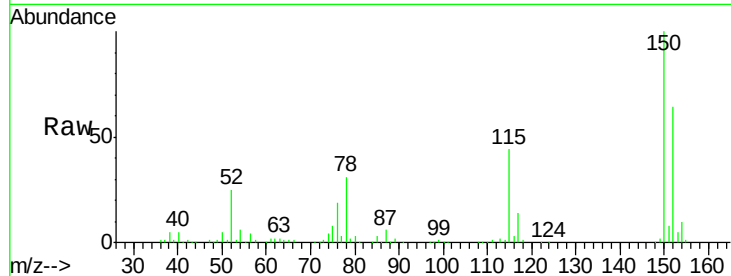


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Instrument :
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ClientSampleId :
PB91702BS

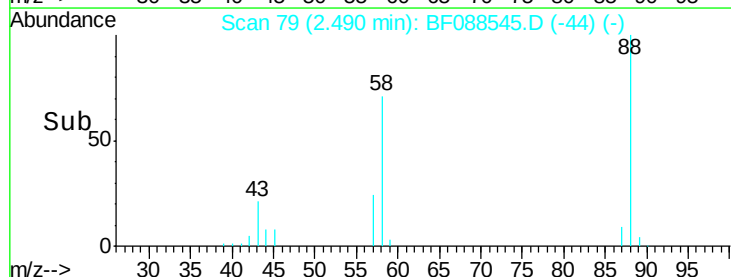
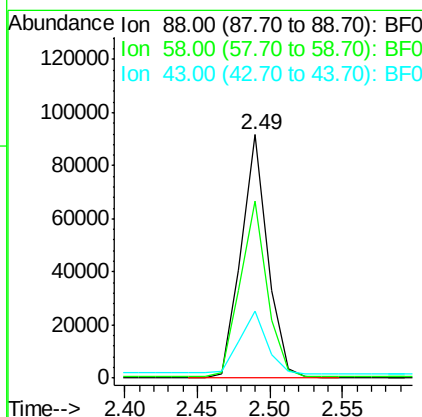
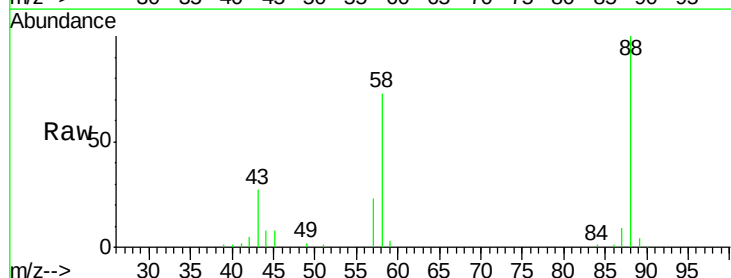
Tgt Ion:152 Resp: 139429
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 68.8 39.6 59.4#

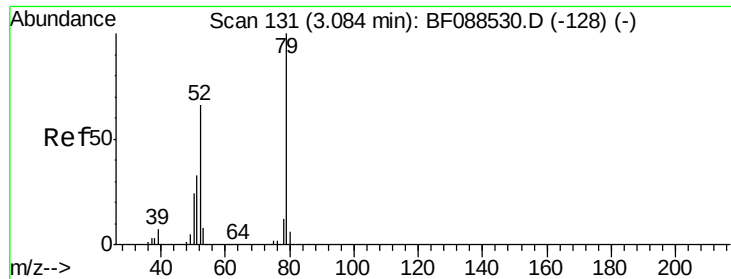


#2

1,4-Dioxane
Concen: 25.44 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion: 88 Resp: 117357
Ion Ratio Lower Upper
88 100
58 73.2 0.0 0.0#
43 27.4 3.4 5.2#





#3

Pyridine

Concen: 13.63 ng

RT: 3.18 min Scan# 139

Delta R.T. 0.09 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

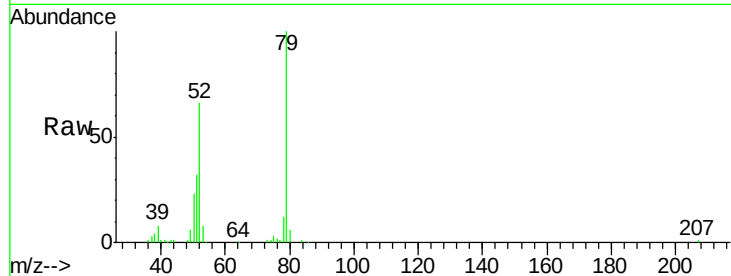
Tgt Ion: 79 Resp: 182474

Ion Ratio Lower Upper

79 100

52 65.7 56.3 84.5

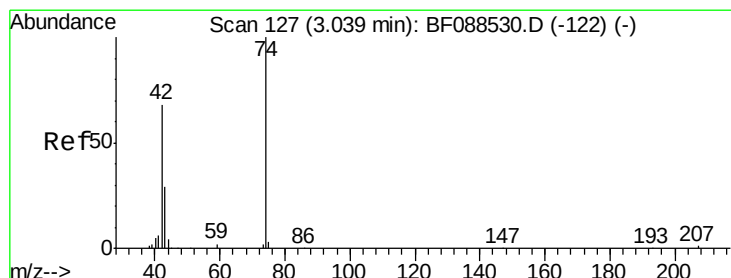
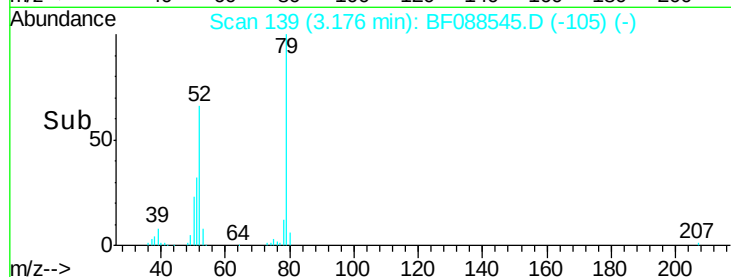
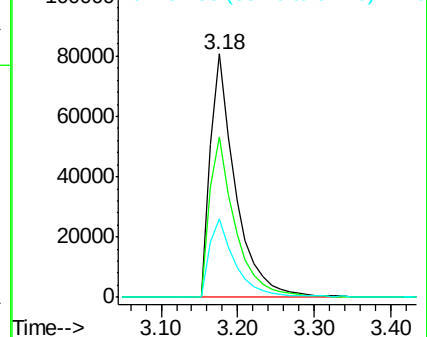
51 32.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 15.03 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.07 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

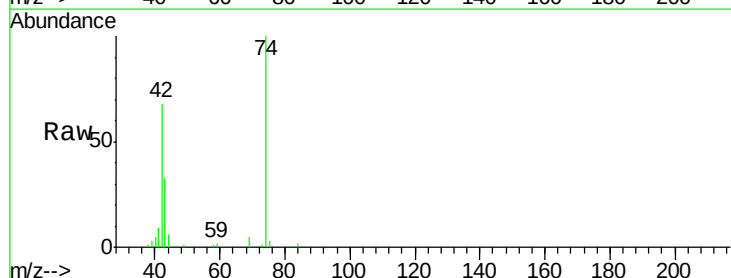
Tgt Ion: 42 Resp: 76842

Ion Ratio Lower Upper

42 100

74 147.6 108.6 163.0

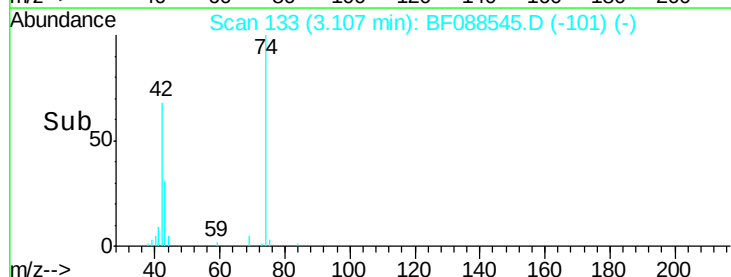
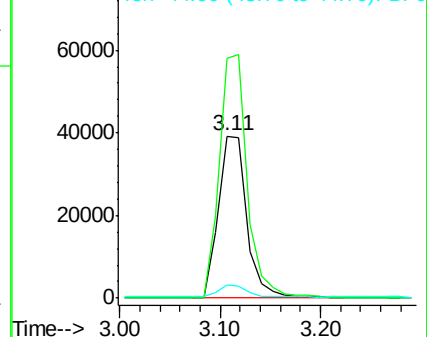
44 8.2 5.5 8.3

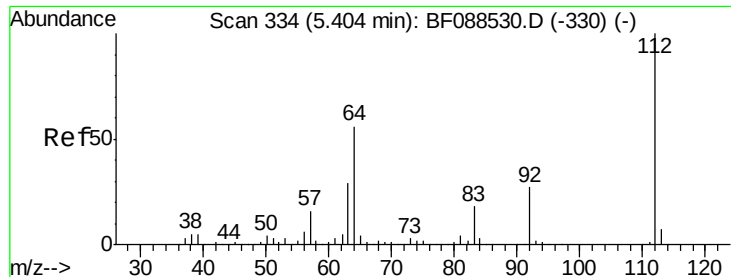


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.99 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

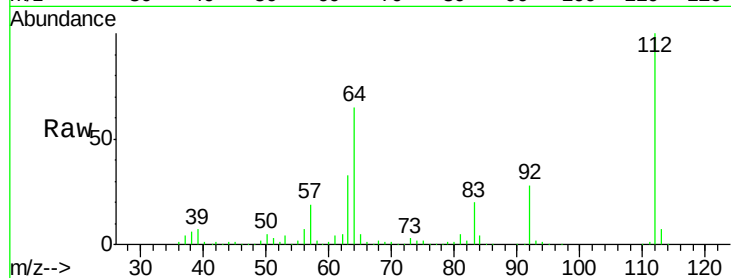
Tgt Ion: 112 Resp: 734896

Ion Ratio Lower Upper

112 100

64 64.6 42.2 63.2#

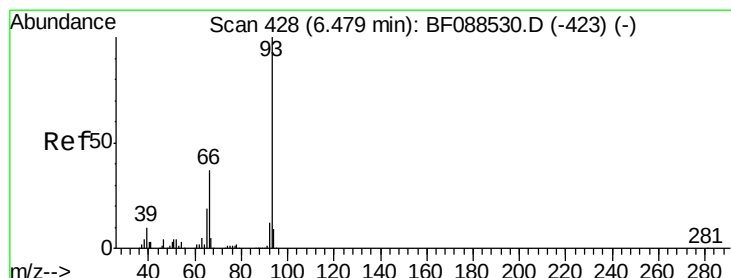
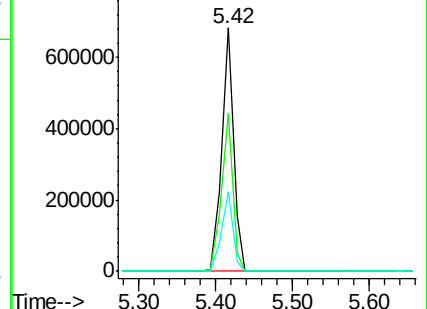
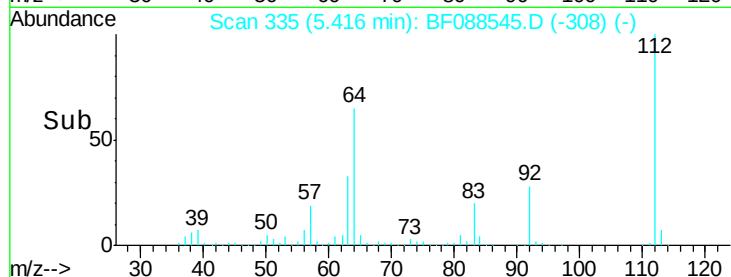
63 32.9 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.54 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

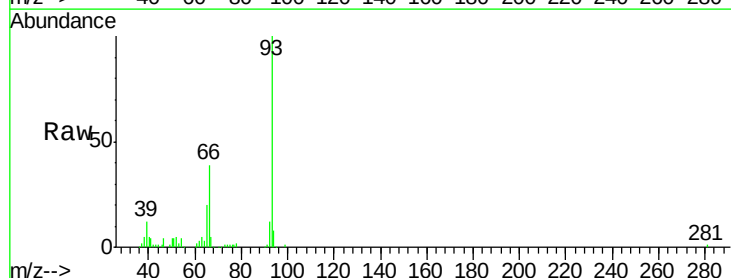
Tgt Ion: 93 Resp: 167145

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.8

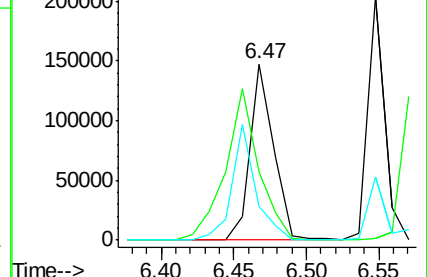
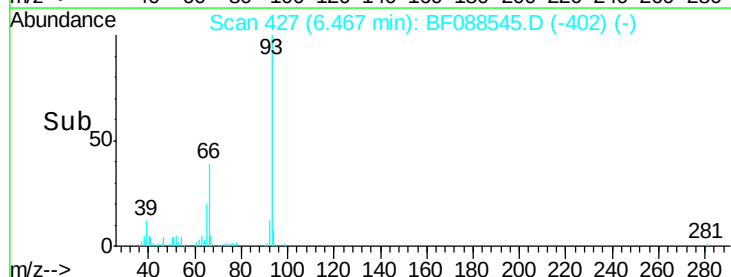
65 19.5 14.9 22.3

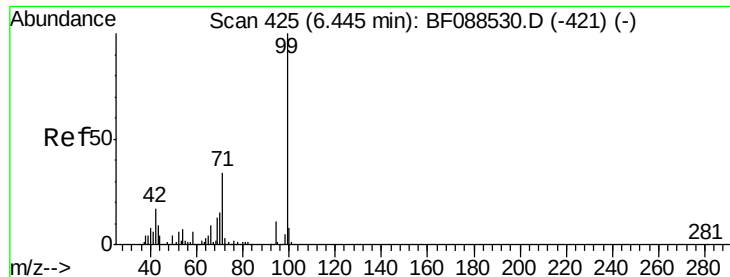


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.49 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

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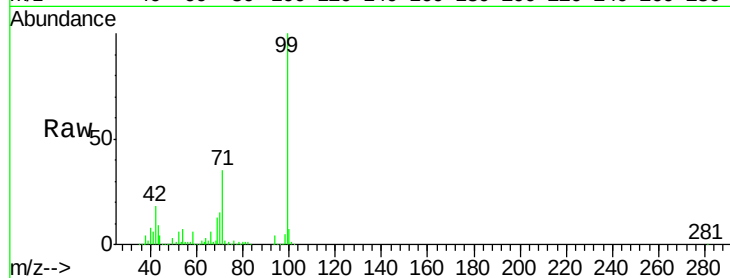
Tgt Ion: 99 Resp: 1027700

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

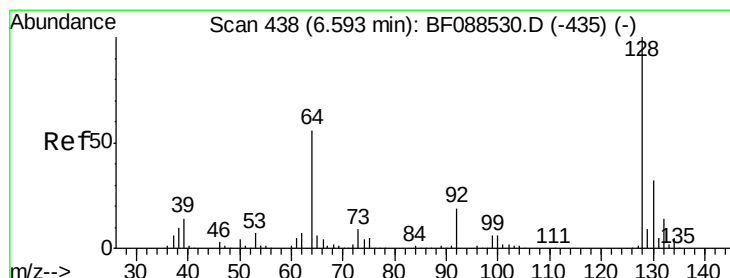
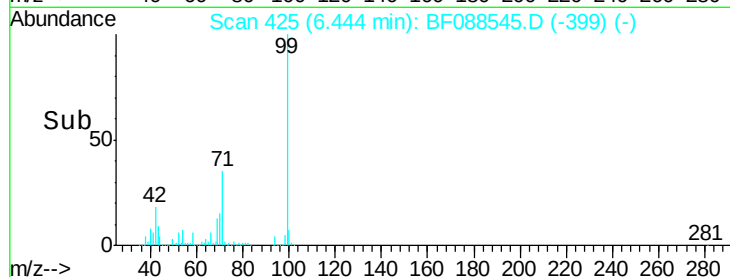
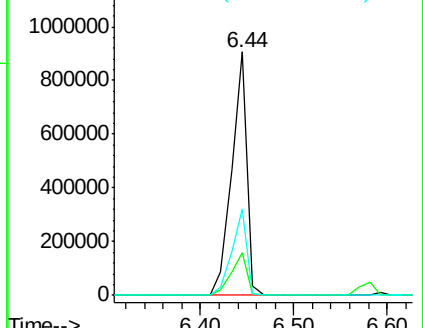
71 35.3 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 16.35 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

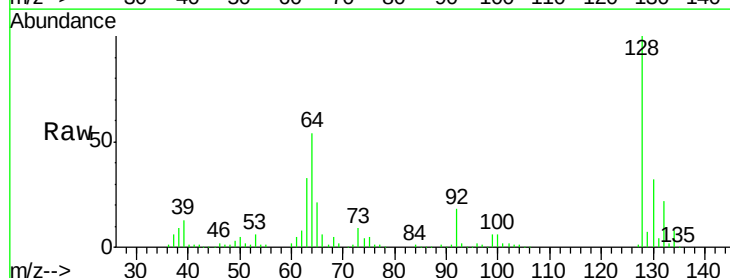
Tgt Ion: 128 Resp: 163527

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

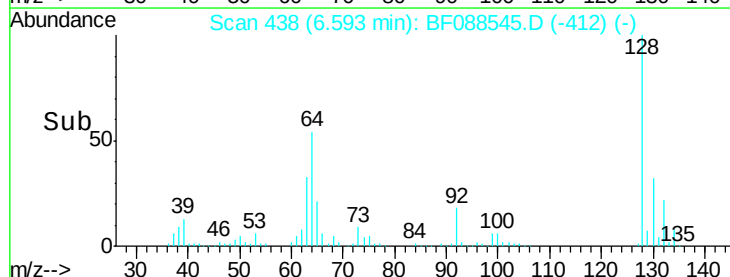
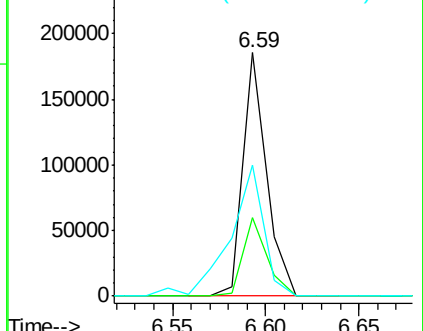
64 54.0 30.8 70.8

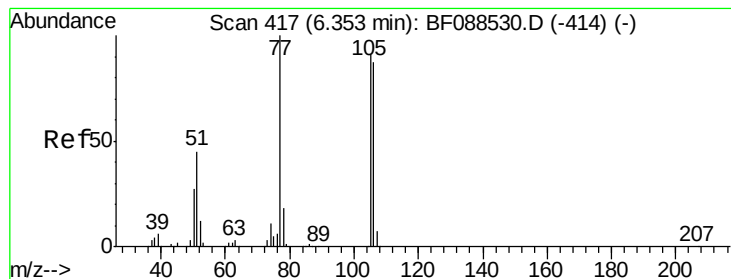


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.30 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

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ClientSampleId :

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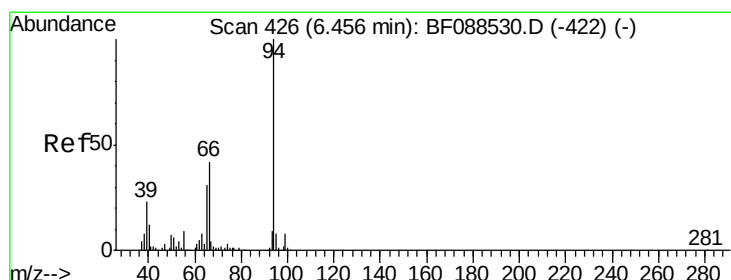
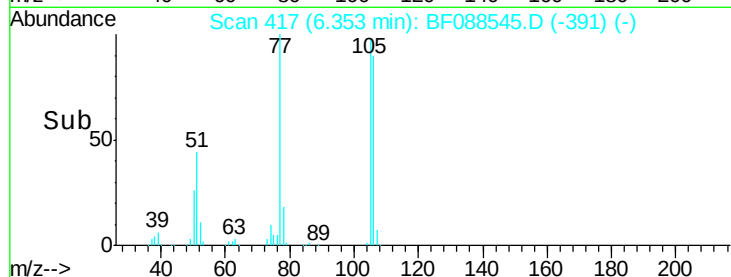
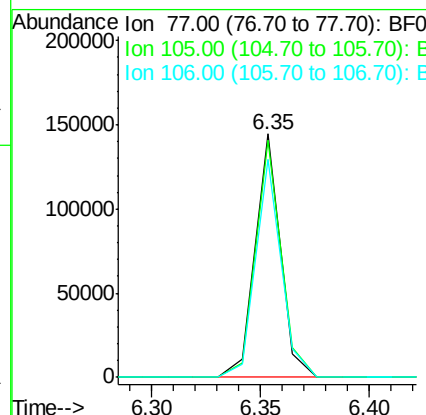
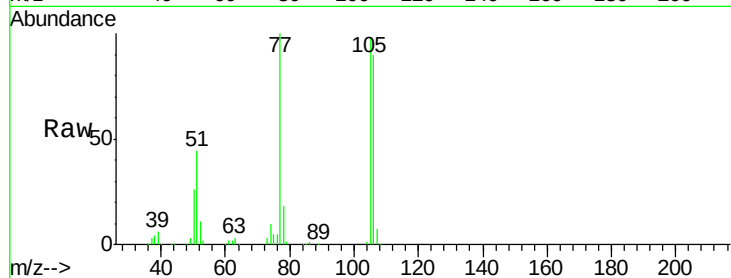
Tgt Ion: 77 Resp: 116439

Ion Ratio Lower Upper

77 100

105 97.7 90.6 130.6

106 89.8 85.3 125.3



#10

Phenol

Concen: 19.88 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

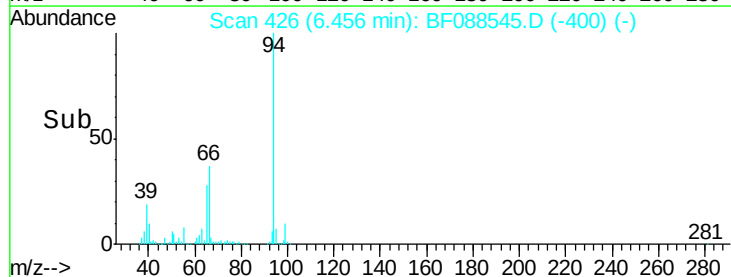
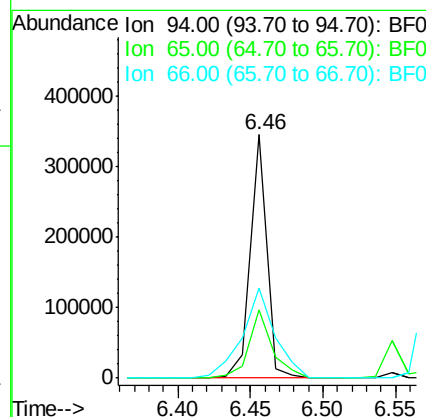
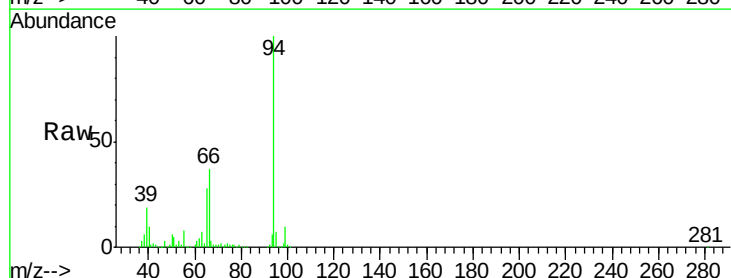
Tgt Ion: 94 Resp: 272691

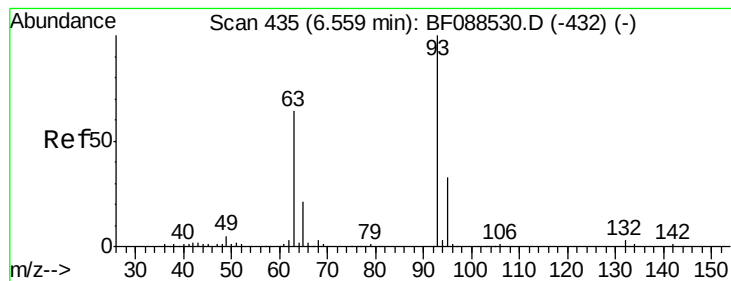
Ion Ratio Lower Upper

94 100

65 28.1 5.9 45.9

66 36.8 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 15.76 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleID :

PB91702BS

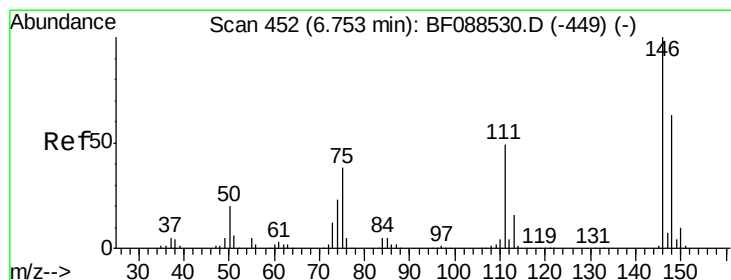
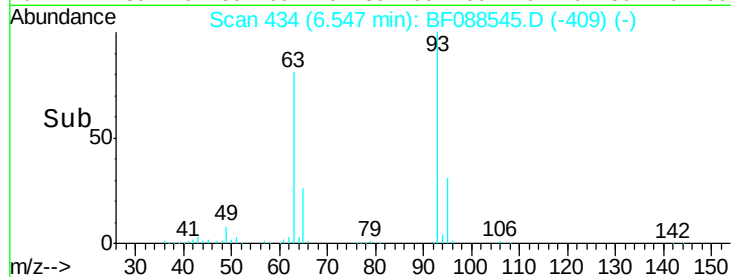
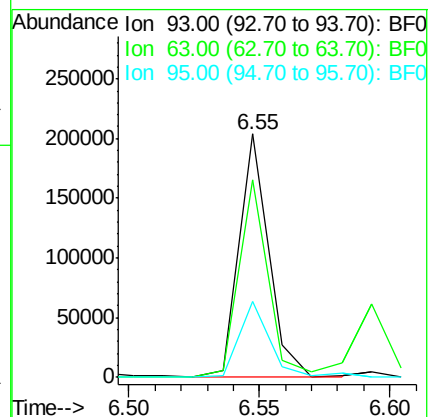
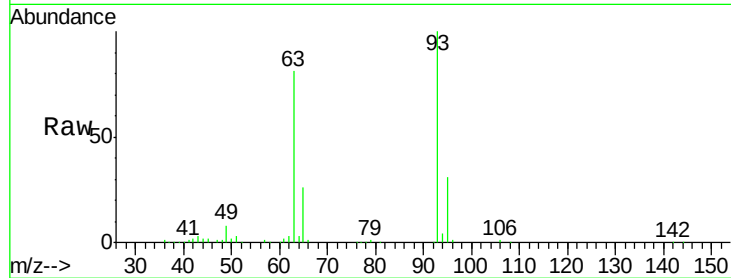
Tgt Ion: 93 Resp: 161281

Ion Ratio Lower Upper

93 100

63 81.0 67.6 107.6

95 31.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 15.93 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

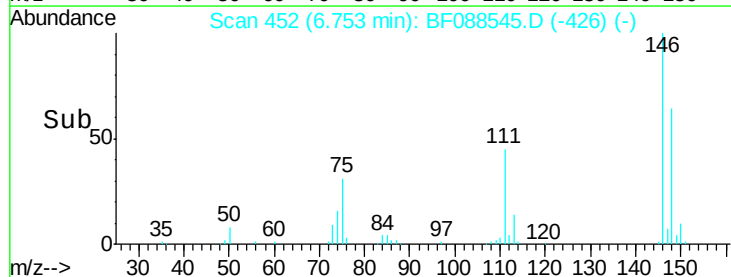
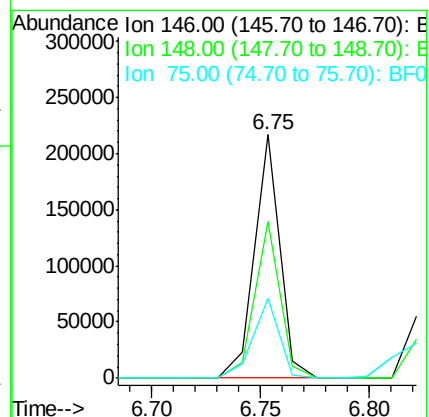
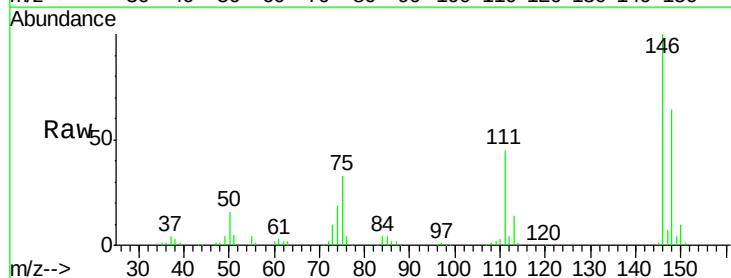
Tgt Ion: 146 Resp: 175266

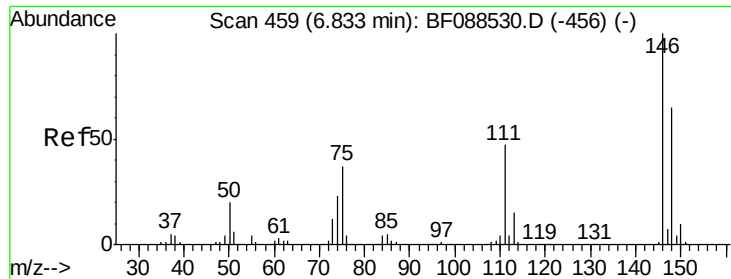
Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

75 33.0 25.6 38.4

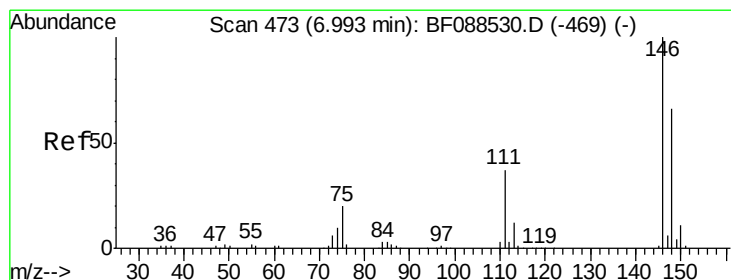
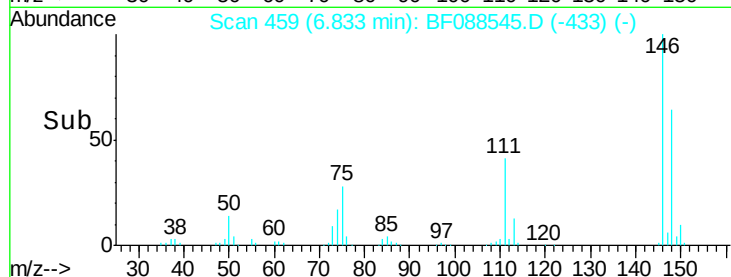
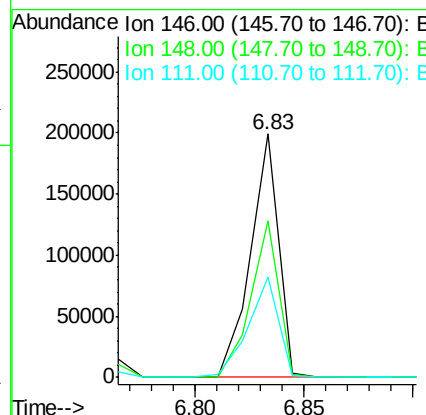
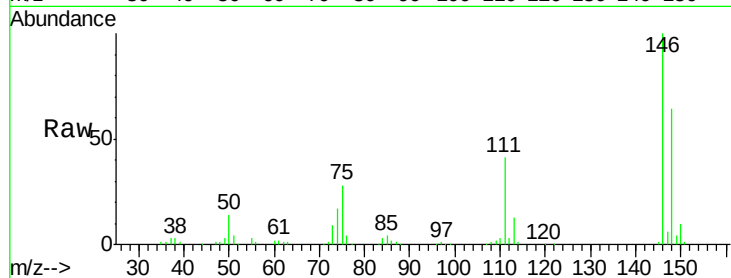




#13
 1,4-Dichlorobenzene
 Concen: 16.25 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

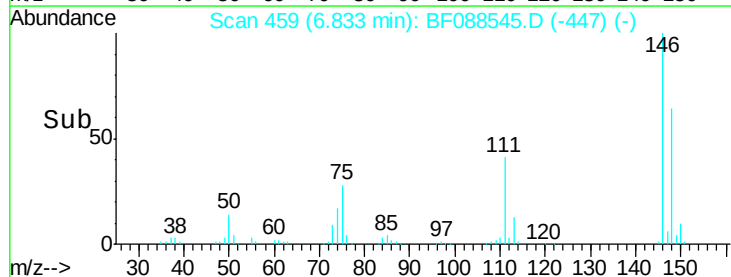
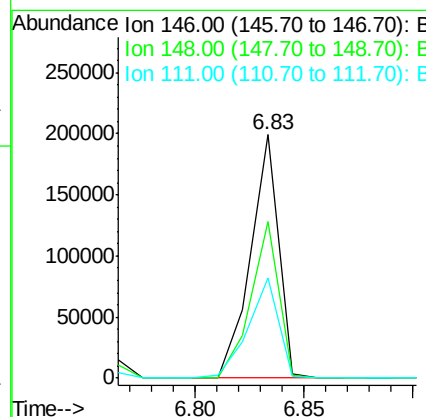
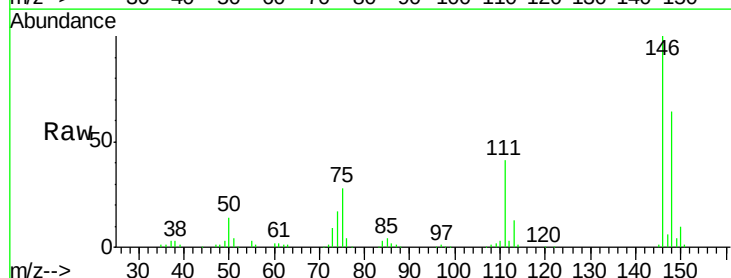
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

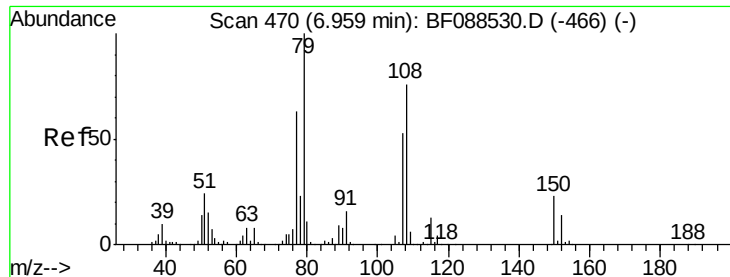
Tgt Ion:146 Resp: 177439
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 41.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 17.36 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.16 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:146 Resp: 177439
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 41.3 28.7 43.1





#15

Benzyl Alcohol

Concen: 15.69 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

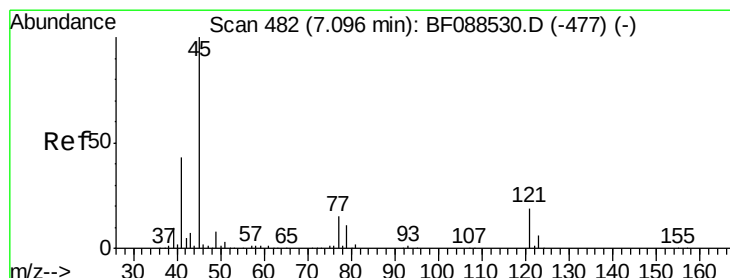
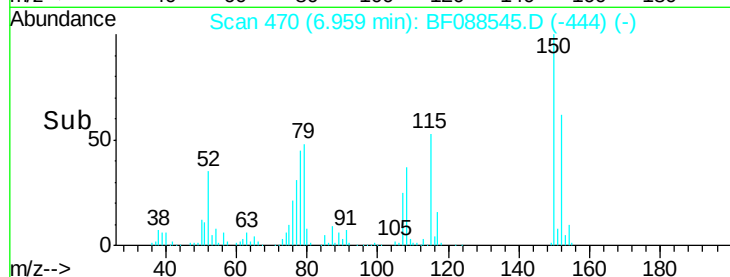
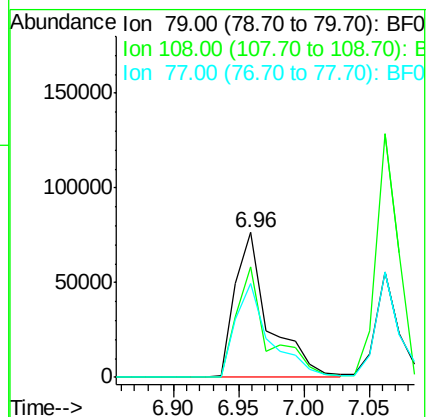
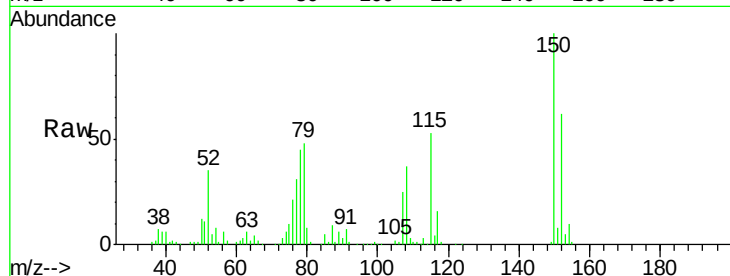
Tgt Ion: 79 Resp: 138795

Ion Ratio Lower Upper

79 100

108 76.3 65.0 97.6

77 64.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.05 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

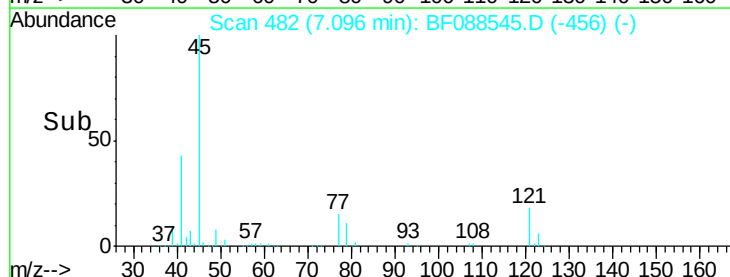
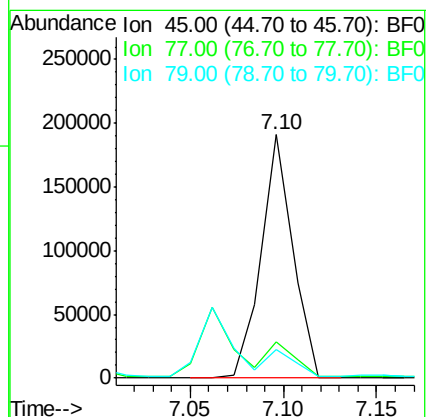
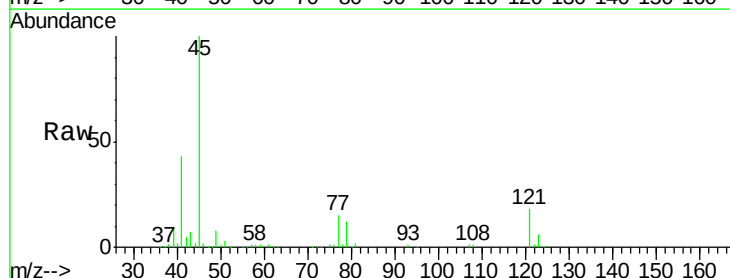
Tgt Ion: 45 Resp: 223028

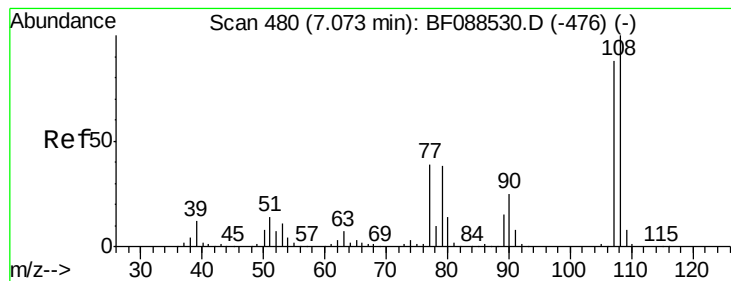
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.5

79 11.6 0.0 29.5

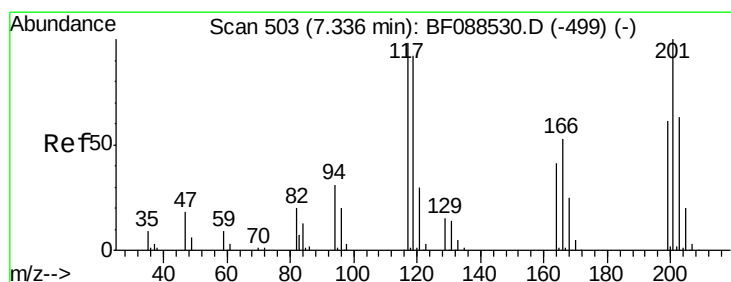
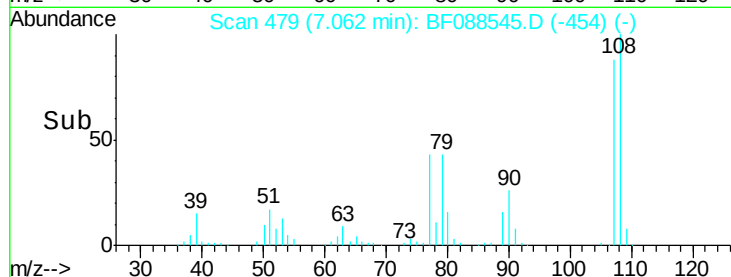
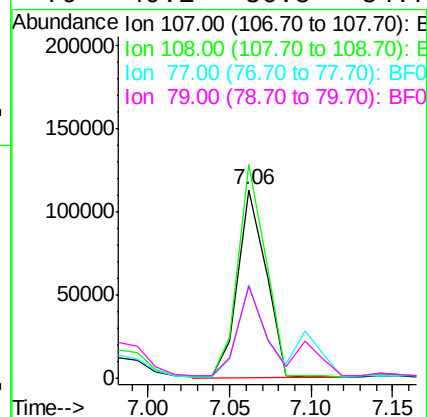
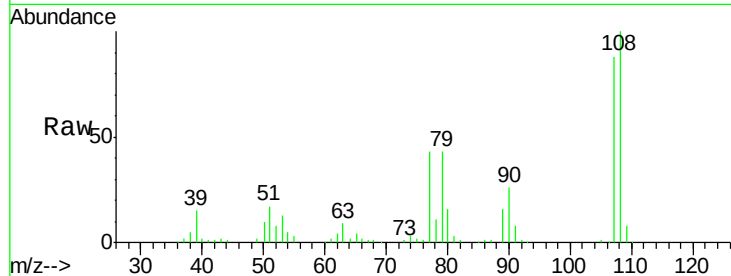




#17
2-Methylphenol
Concen: 16.53 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

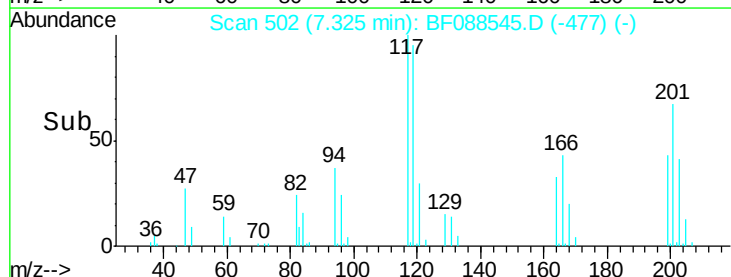
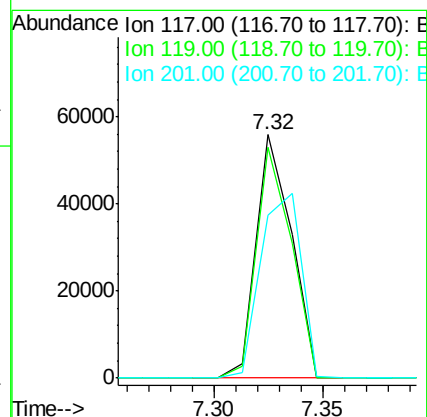
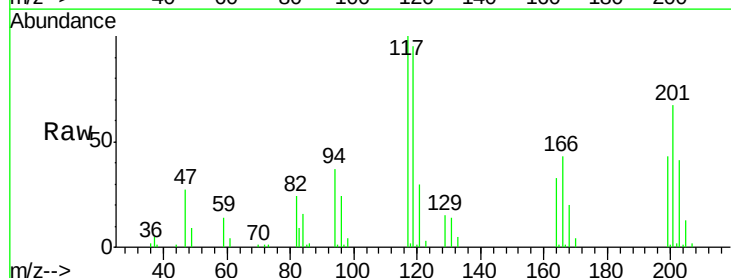
Instrument :
BNA_F
ClientSampleId :
PB91702BS

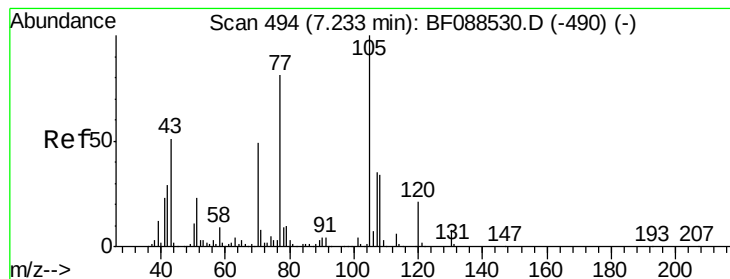
Tgt Ion:	107	Resp:	134810
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	49.3	36.6	55.0
79	49.1	36.5	54.7



#18
Hexachloroethane
Concen: 14.93 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:	117	Resp:	63060
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
201	67.0	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 15.71 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion: 70 Resp: 126861

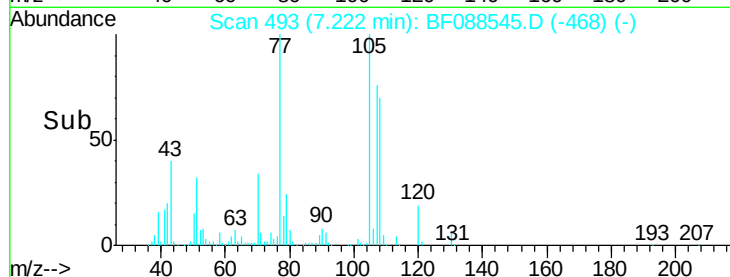
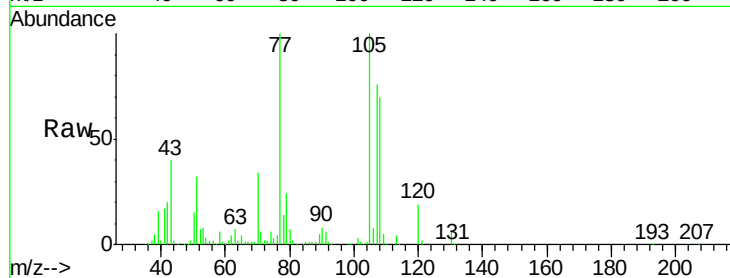
Ion Ratio Lower Upper

70 100

42 59.2 49.6 74.4

101 8.1 7.1 10.7

130 17.3 15.4 23.2

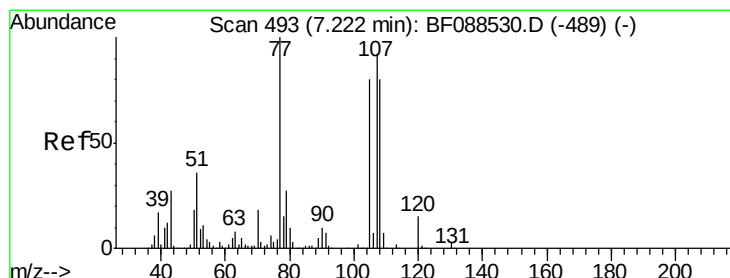
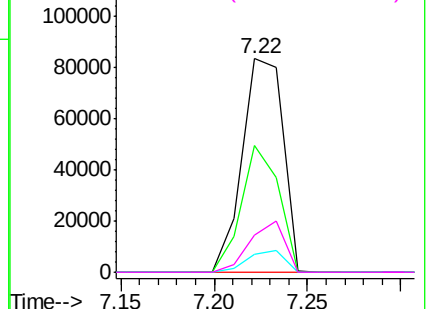


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 18.55 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Tgt Ion: 107 Resp: 181617

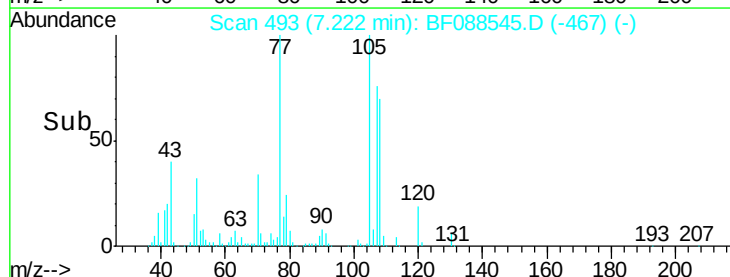
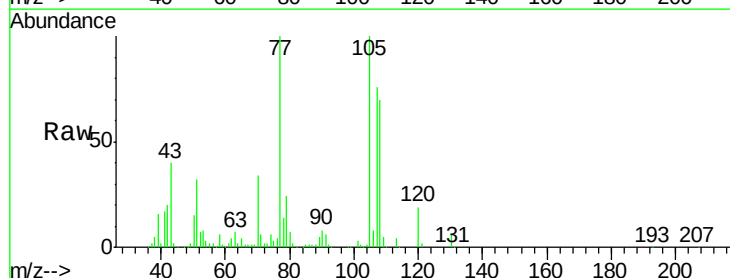
Ion Ratio Lower Upper

107 100

108 92.4 67.8 107.8

77 132.3 59.3 99.3#

79 31.5 7.0 47.0

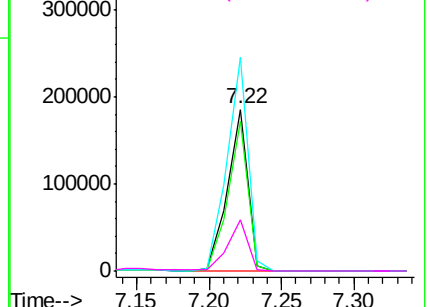


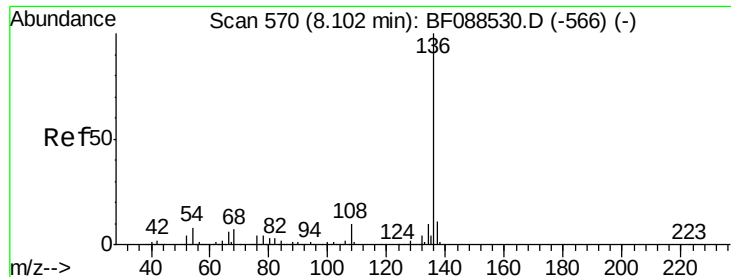
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion:136 Resp: 585426

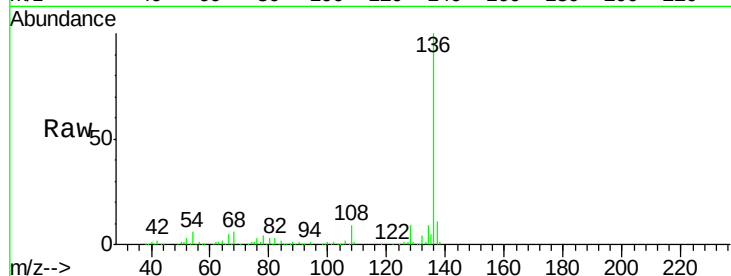
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.3 6.6 10.0#

68 5.6 5.1 7.7

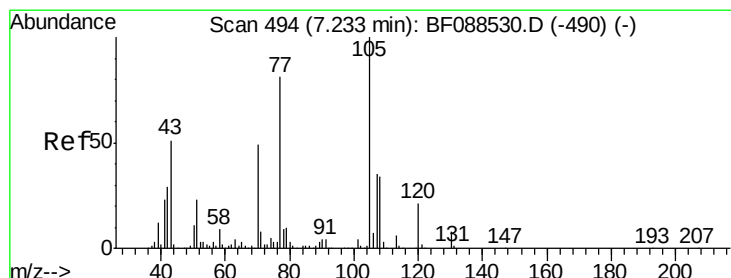
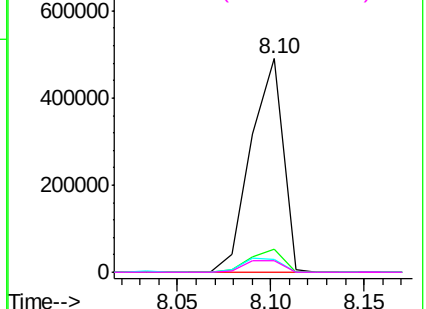
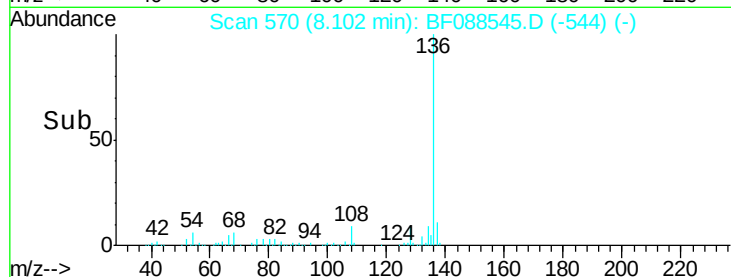


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 17.03 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Tgt Ion:105 Resp: 241952

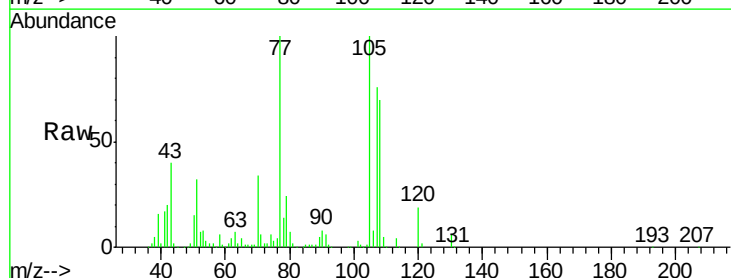
Ion Ratio Lower Upper

105 100

71 5.7 5.3 7.9

51 32.3 18.2 27.4#

120 19.2 18.0 27.0

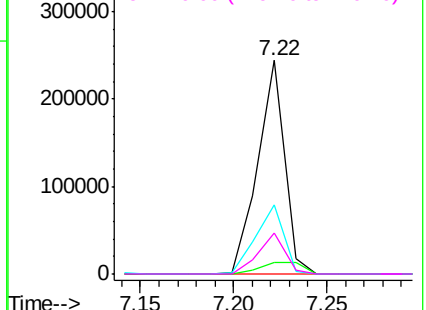
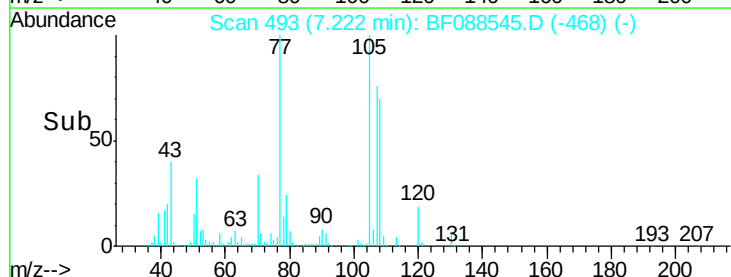


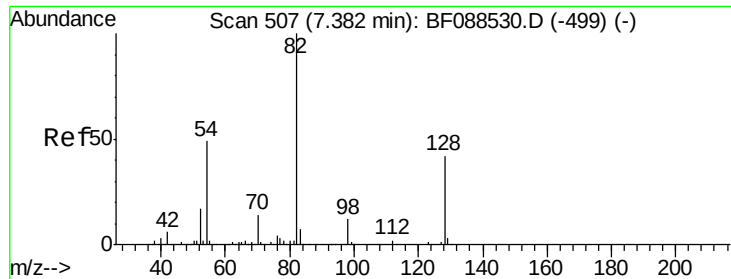
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

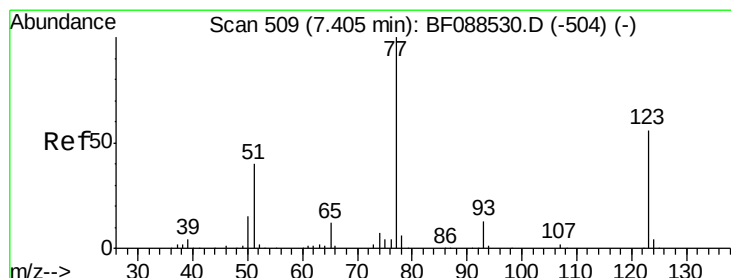
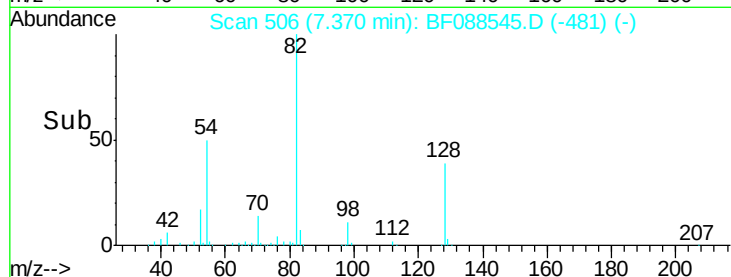
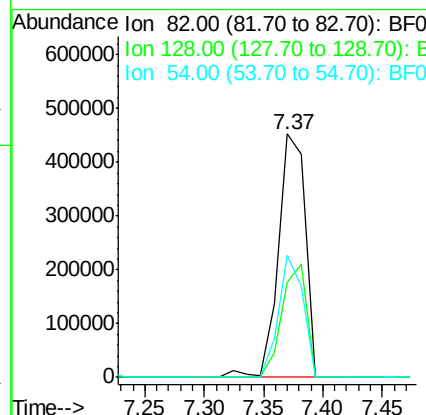
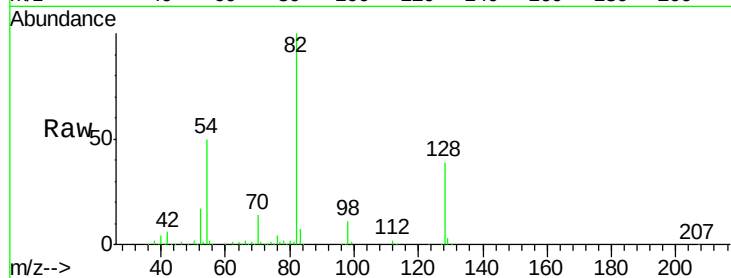




#23
 Nitrobenzene-d5
 Concen: 63.10 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

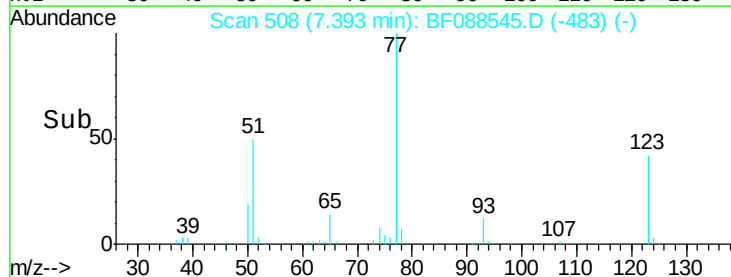
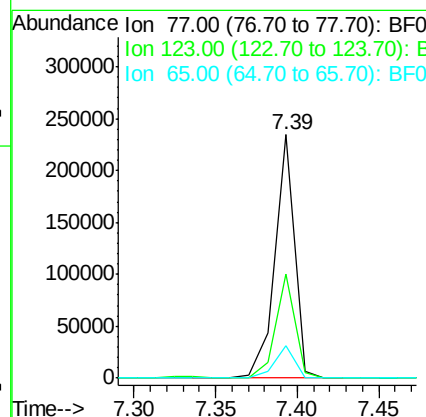
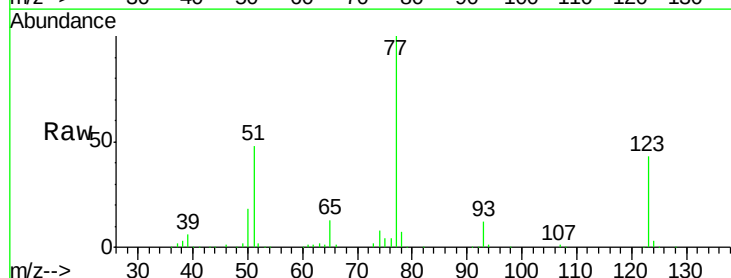
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

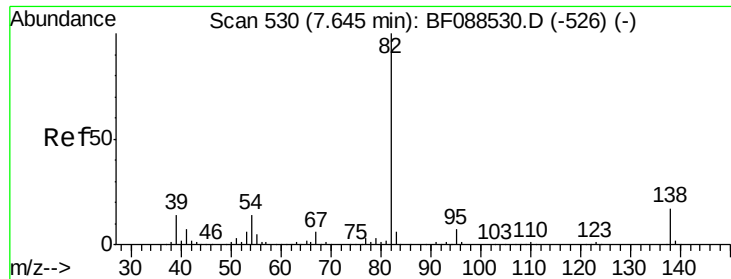
Tgt Ion: 82 Resp: 704863
 Ion Ratio Lower Upper
 82 100
 128 39.3 35.9 53.9
 54 50.2 40.9 61.3



#24
 Nitrobenzene
 Concen: 17.59 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion: 77 Resp: 198128
 Ion Ratio Lower Upper
 77 100
 123 42.9 45.0 67.4#
 65 13.1 10.2 15.2





#25

Isophorone

Concen: 16.03 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

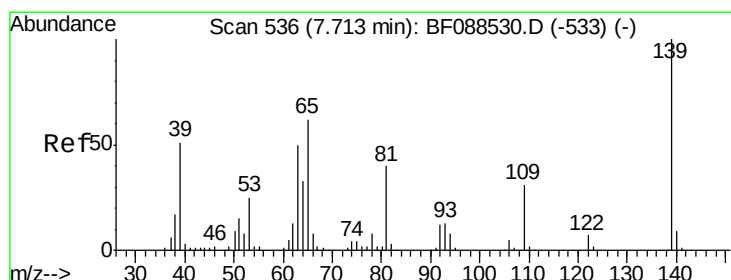
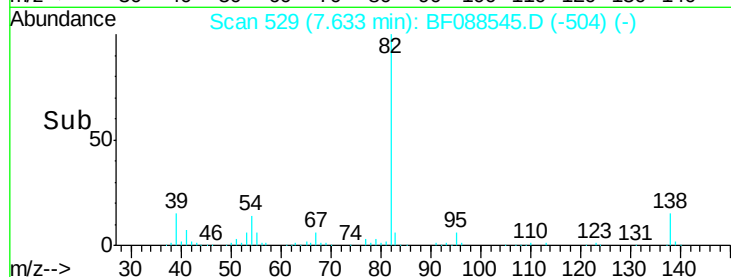
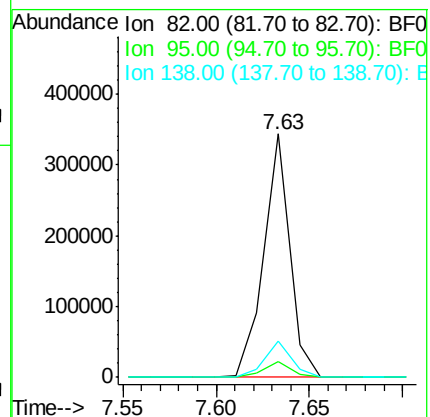
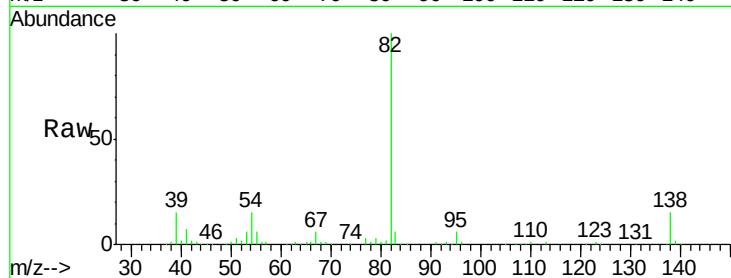
Tgt Ion: 82 Resp: 331763

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

138 15.1 14.6 21.8



#26

2-Nitrophenol

Concen: 17.20 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

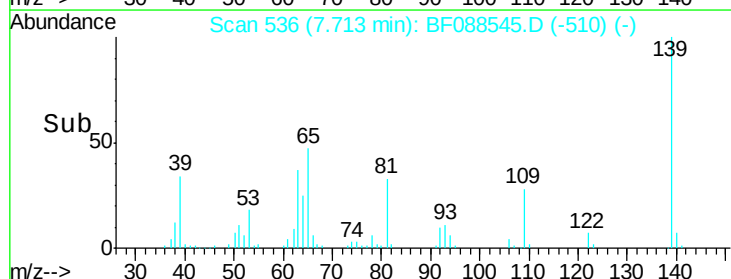
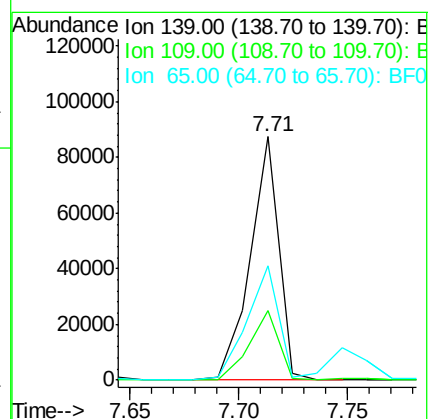
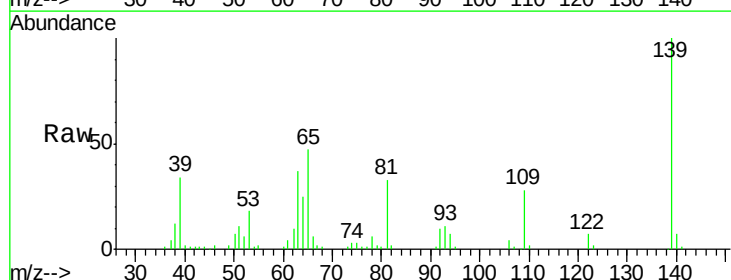
Tgt Ion: 139 Resp: 79427

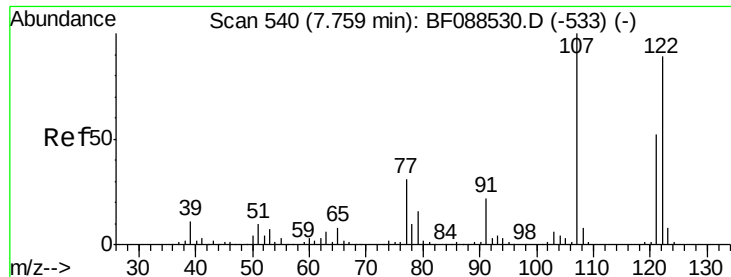
Ion Ratio Lower Upper

139 100

109 28.4 23.0 34.4

65 46.7 45.8 68.8

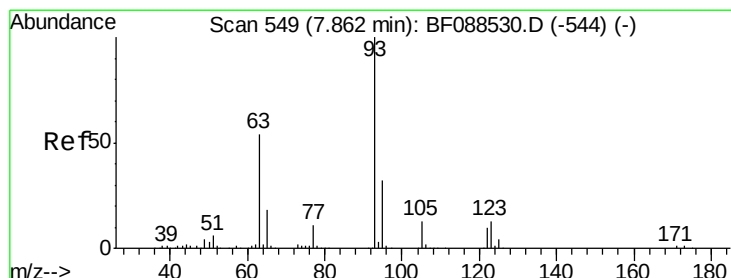
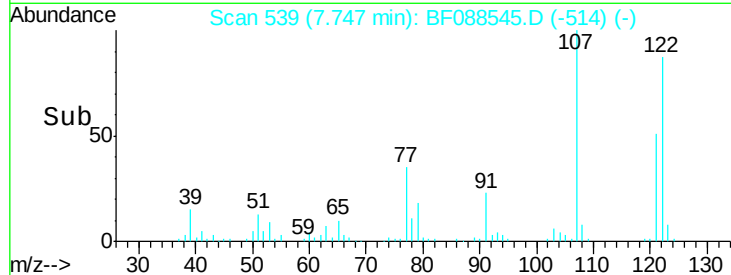
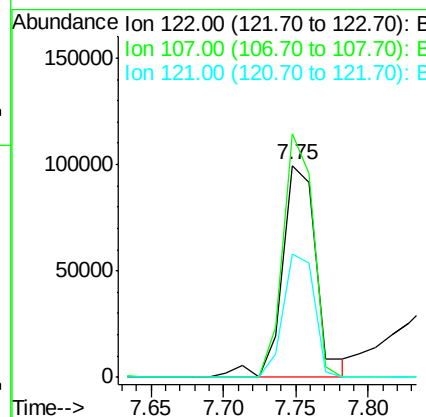
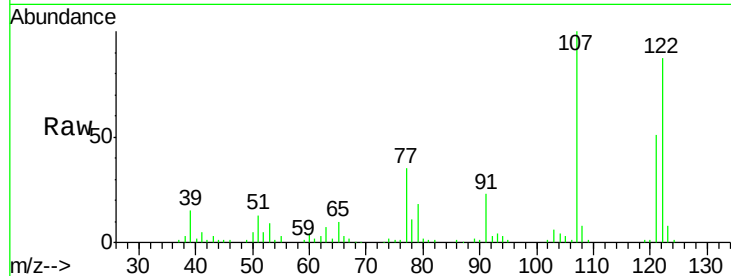




#27
 2,4-Dimethylphenol
 Concen: 16.82 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

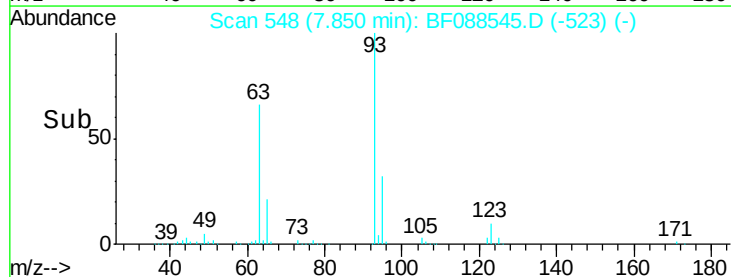
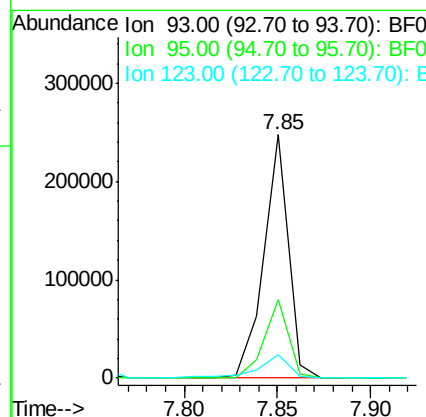
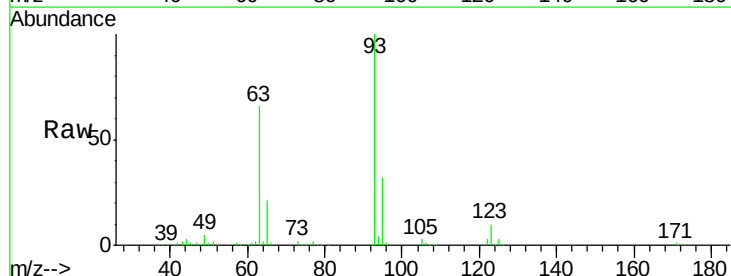
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

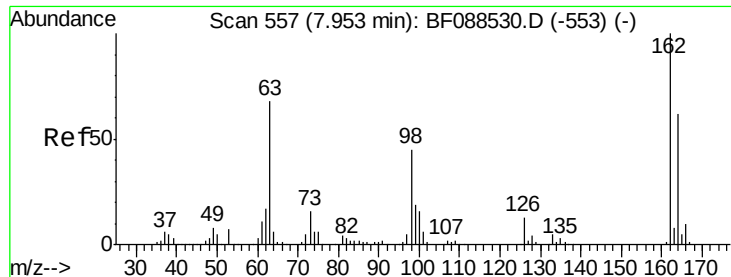
Tgt Ion: 122 Resp: 161834
 Ion Ratio Lower Upper
 122 100
 107 114.8 82.4 123.6
 121 58.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.63 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion: 93 Resp: 223898
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 9.6 11.6 17.4#

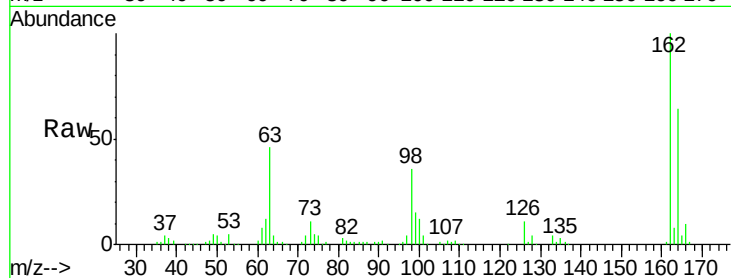




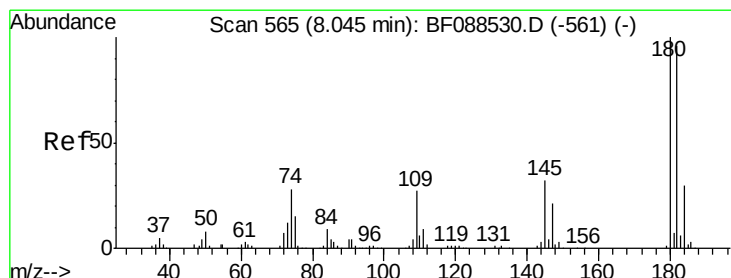
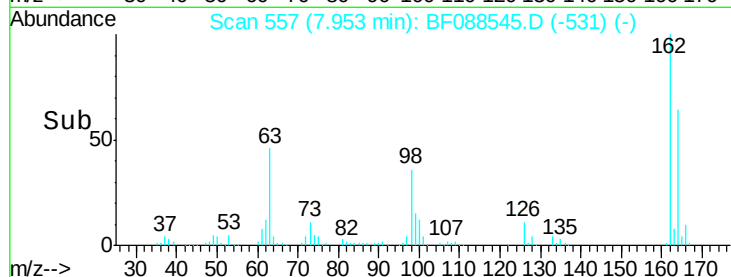
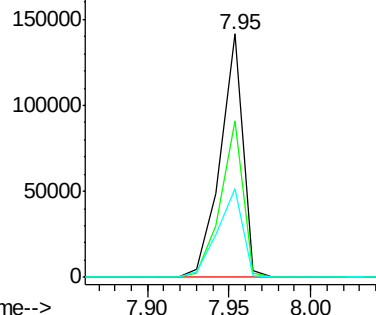
#29
 2,4-Dichlorophenol
 Concen: 17.59 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	36.4	21.3	61.3

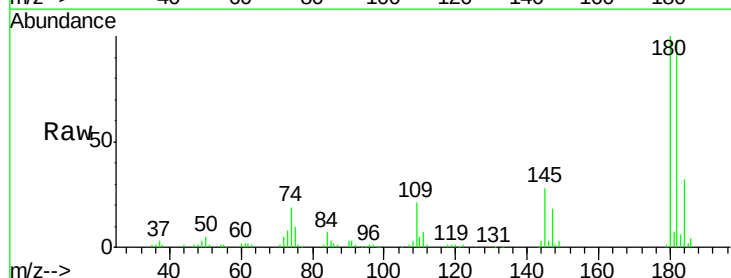


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

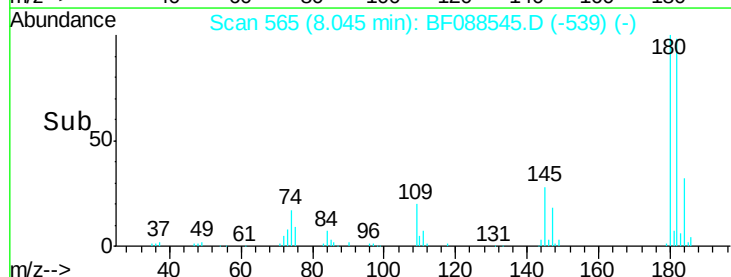
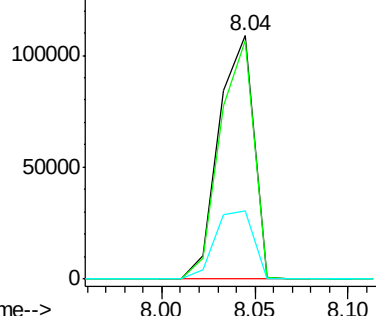


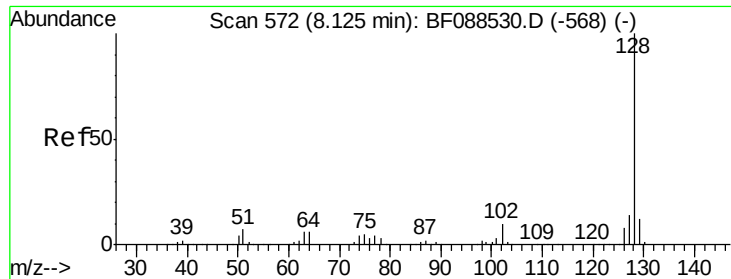
#30
 1,2,4-Trichlorobenzene
 Concen: 16.42 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	28.1	26.5	39.7



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

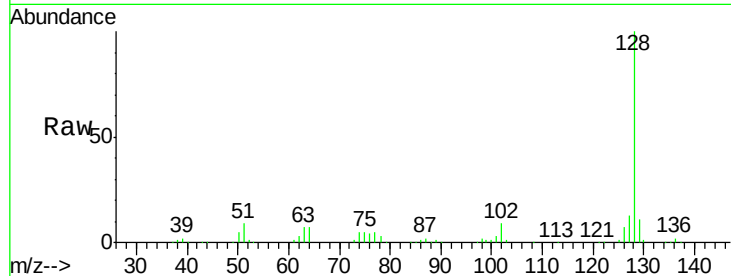




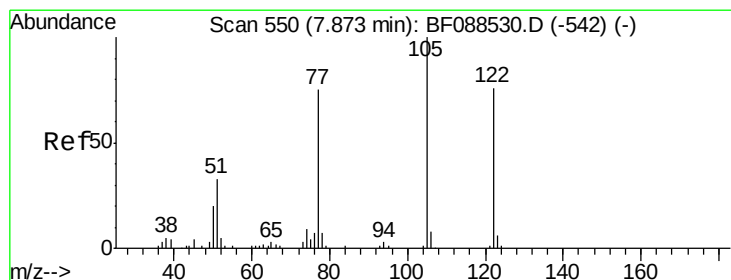
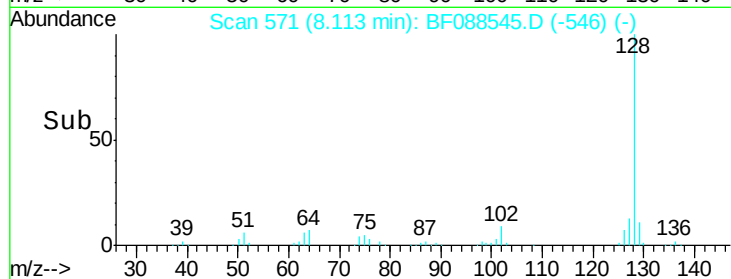
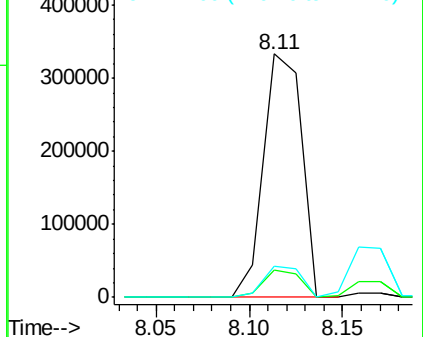
#31
Naphthalene
Concen: 16.32 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:128 Resp: 471119
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.0 10.9 16.3

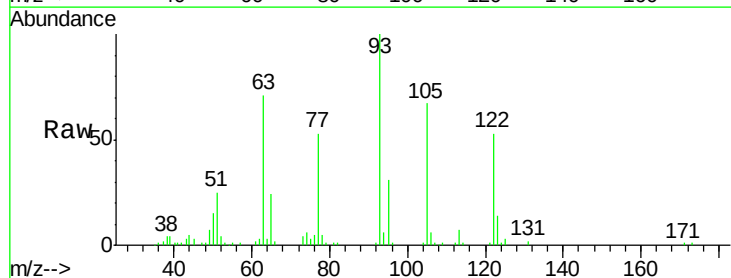


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

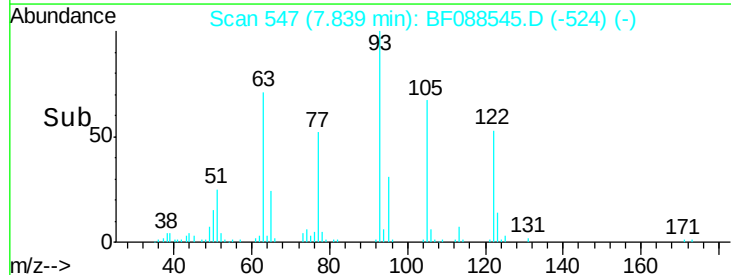
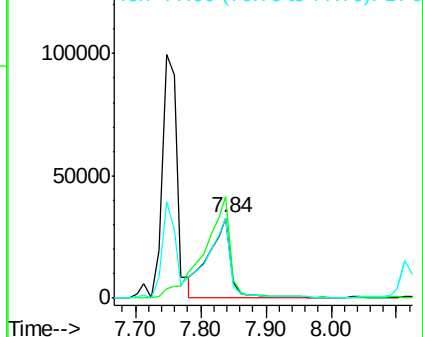


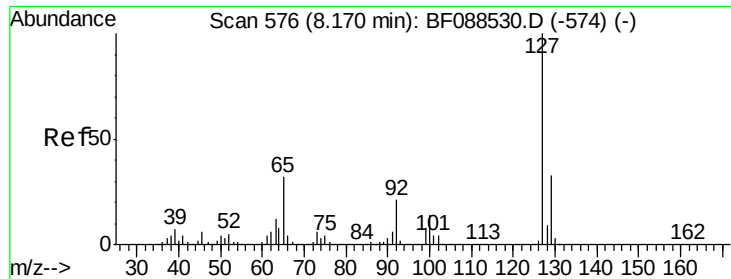
#32
Benzoic acid
Concen: 11.78 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:122 Resp: 82297
Ion Ratio Lower Upper
122 100
105 126.8 101.6 141.6
77 100.1 70.6 110.6



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

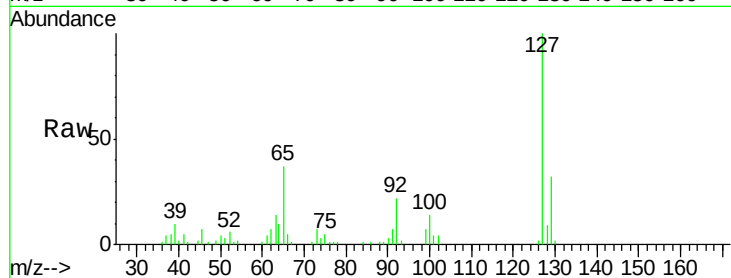




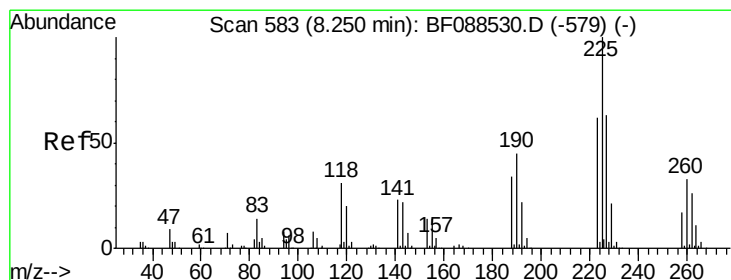
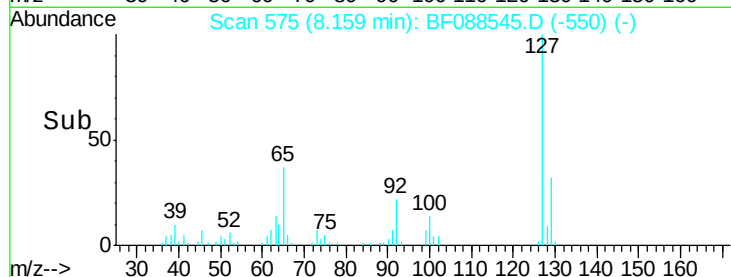
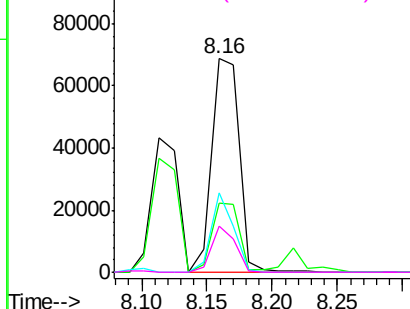
#33
 4-Chloroaniline
 Concen: 7.93 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:	127	Resp:	101843
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	37.2	24.7	37.1#
92	21.6	15.4	23.0

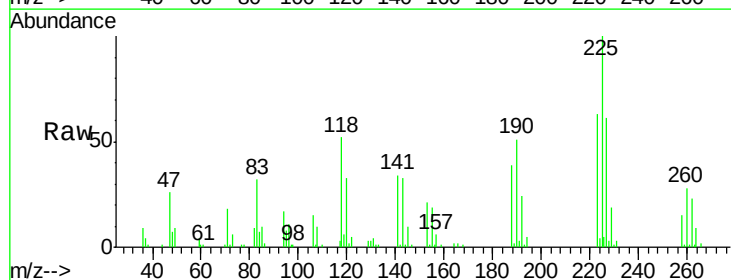


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

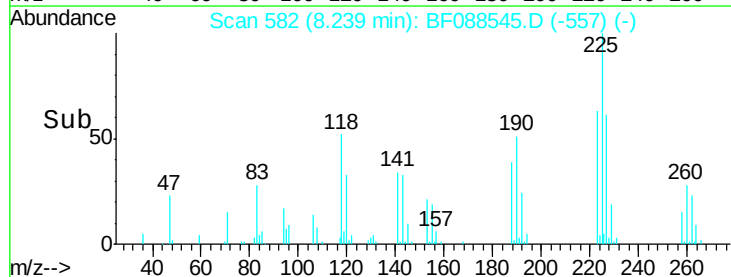
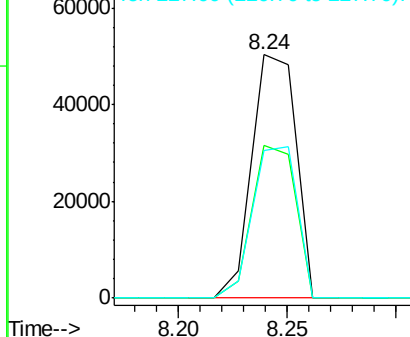


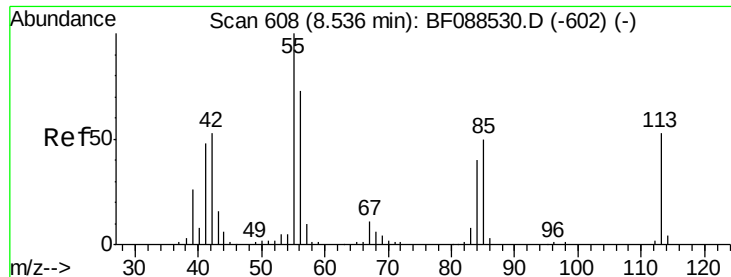
#34
 Hexachlorobutadiene
 Concen: 15.62 ng
 RT: 8.24 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:	225	Resp:	71375
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	60.6	51.9	77.9



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

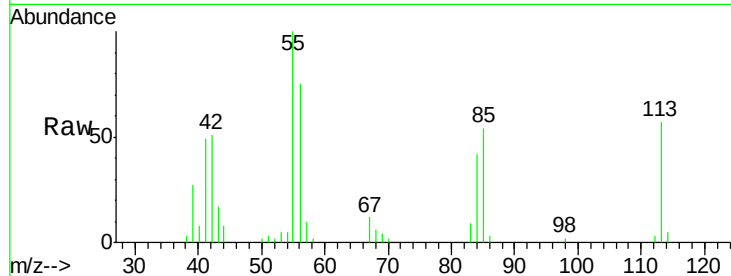




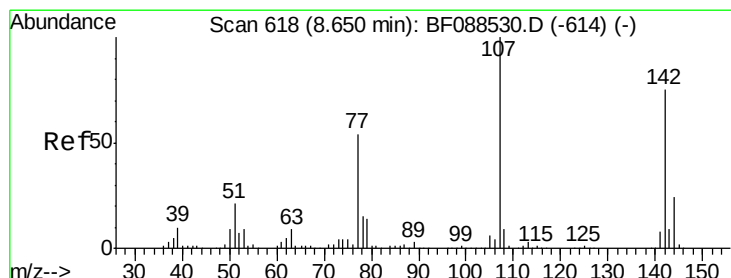
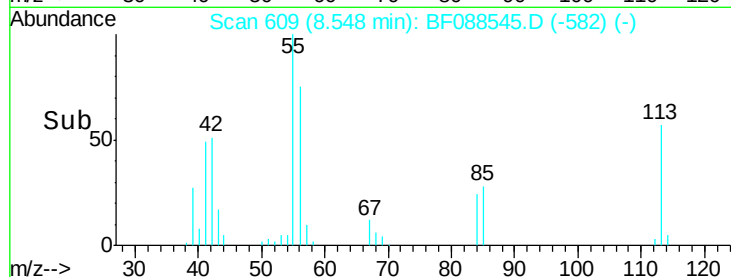
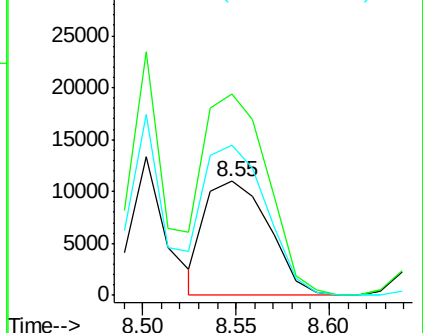
#35
 Caprolactam
 Concen: 9.88 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:113 Resp: 26091
 Ion Ratio Lower Upper
 113 100
 55 176.8 158.6 198.6
 56 131.7 110.6 150.6

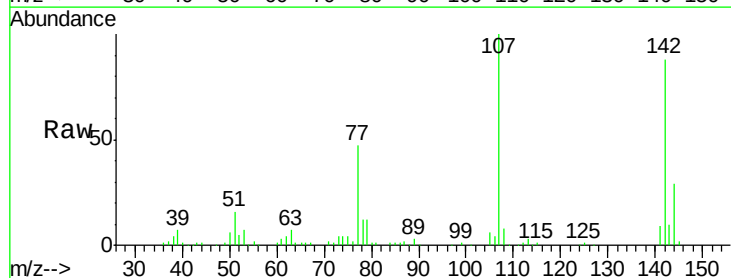


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

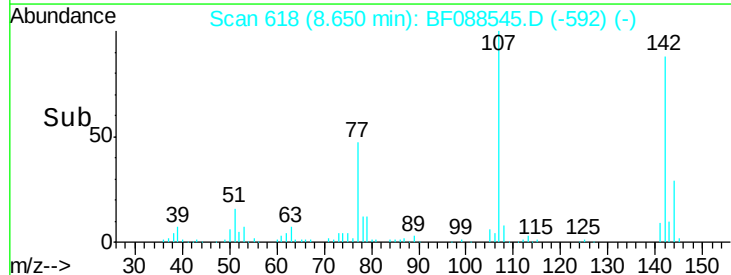
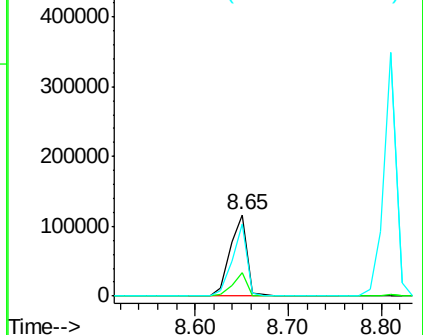


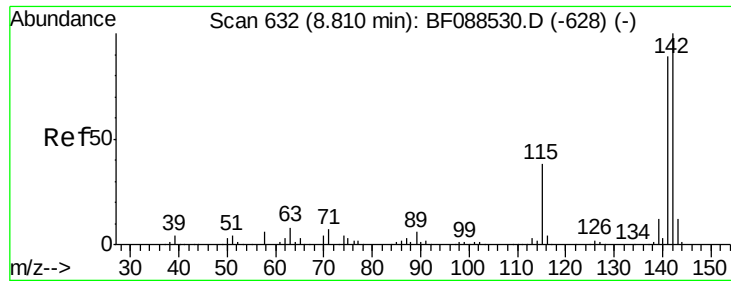
#36
 4-Chloro-3-methylphenol
 Concen: 16.02 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:107 Resp: 147302
 Ion Ratio Lower Upper
 107 100
 144 29.1 20.8 31.2
 142 88.0 63.4 95.2



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

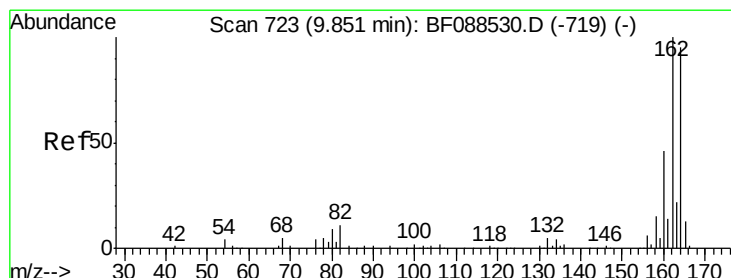
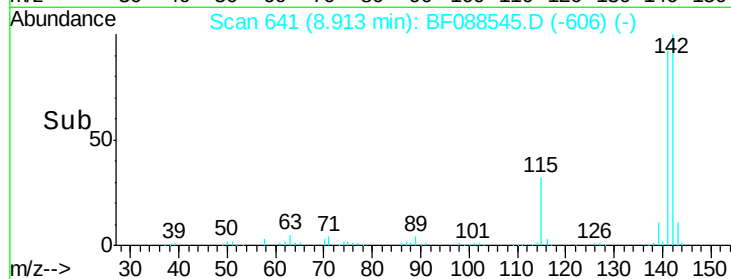
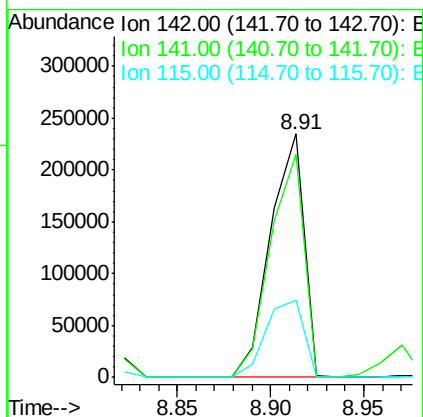
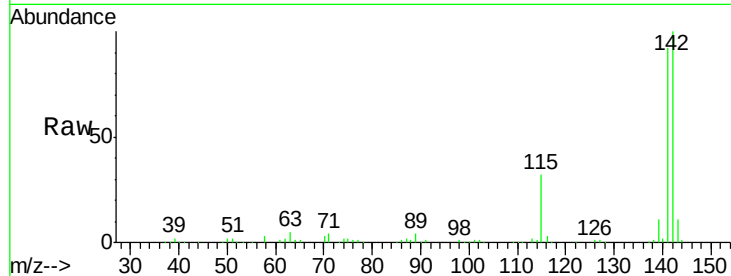




#37
 2-Methylnaphthalene
 Concen: 15.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.10 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

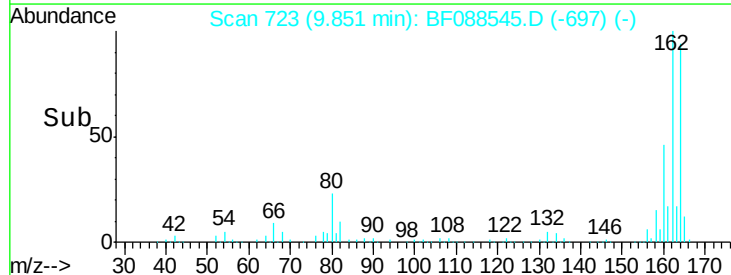
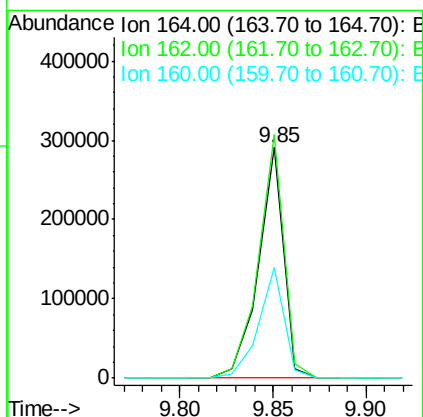
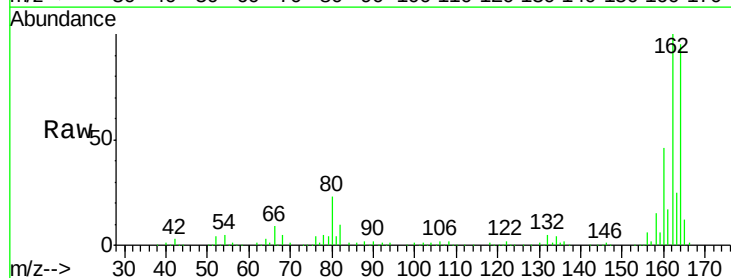
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

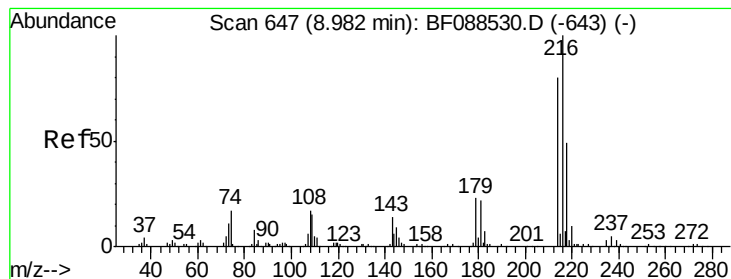
Tgt Ion:142 Resp: 294705
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.0 106.6
 115 31.8 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:164 Resp: 275350
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.4 128.2
 160 48.0 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 13.44 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion:216 Resp: 123097

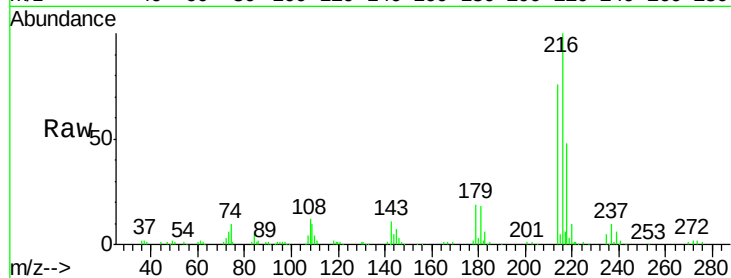
Ion Ratio Lower Upper

216 100

214 78.4 2.9 4.3#

179 21.7 0.0 0.0#

108 26.1 0.5 0.7#

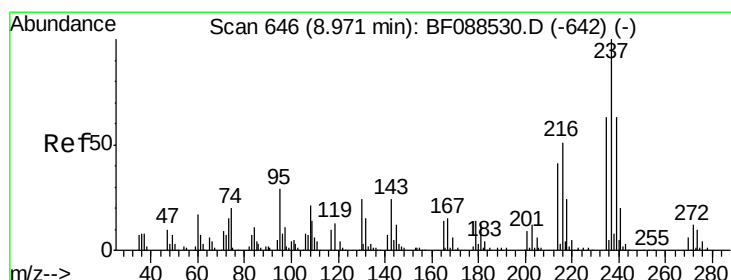
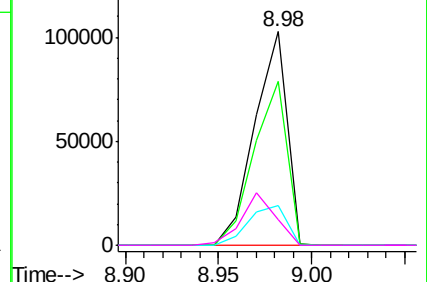
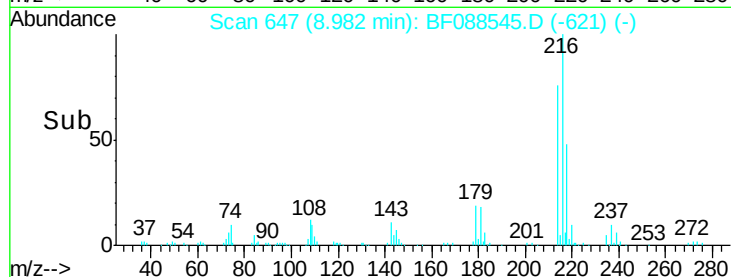


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.34 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

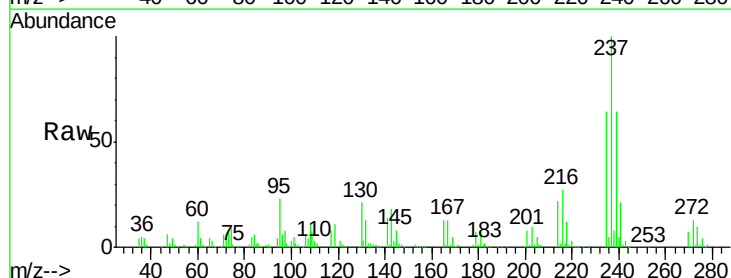
Tgt Ion:237 Resp: 221806

Ion Ratio Lower Upper

237 100

235 64.3 43.4 83.4

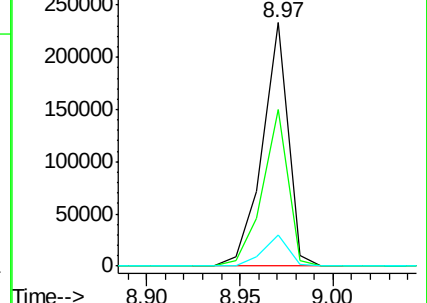
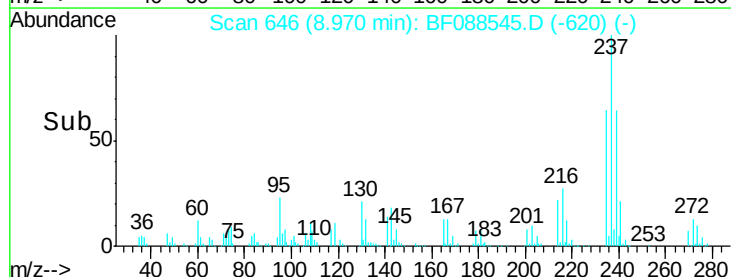
272 12.6 0.0 32.3

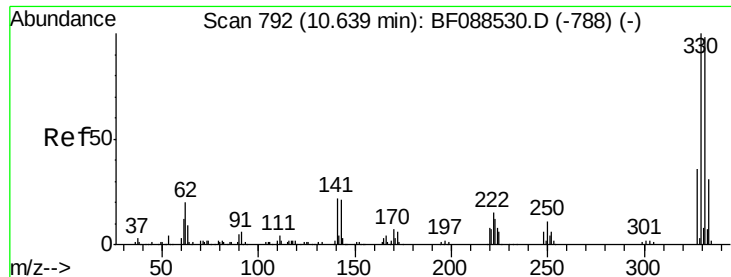


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

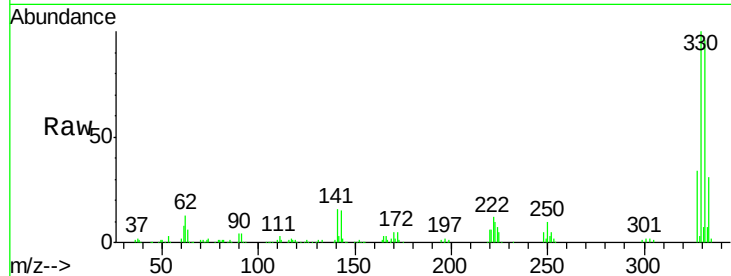




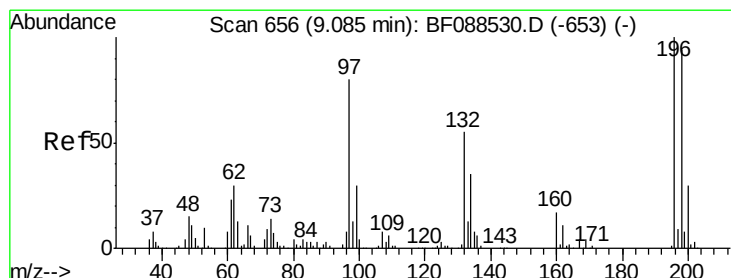
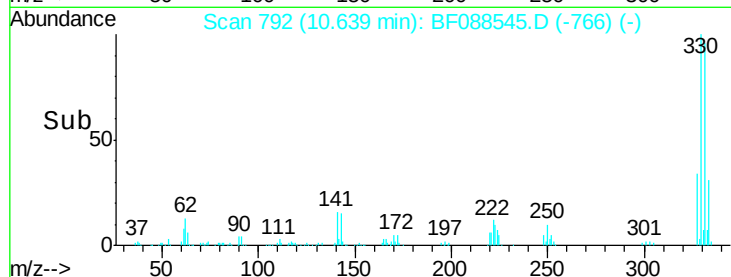
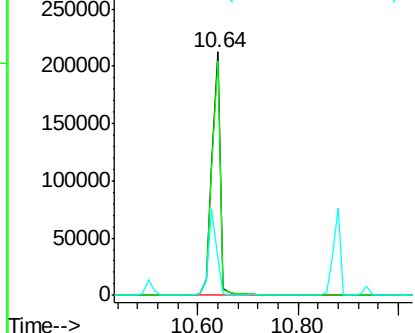
#41
 2,4,6-Tribromophenol
 Concen: 96.90 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampled :
 PB91702BS

Tgt Ion:330 Resp: 247763
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 34.9 0.0 0.0#

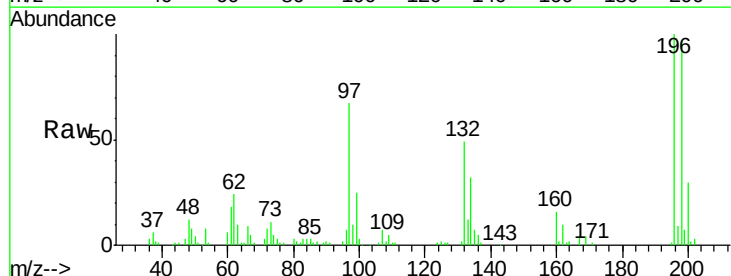


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

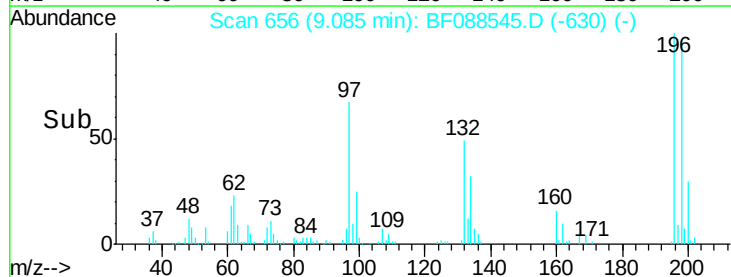
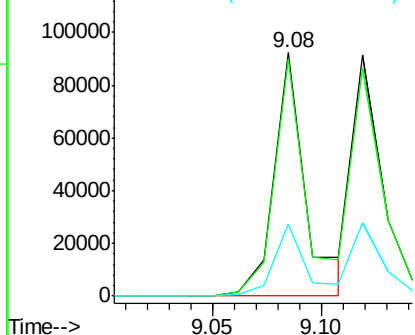


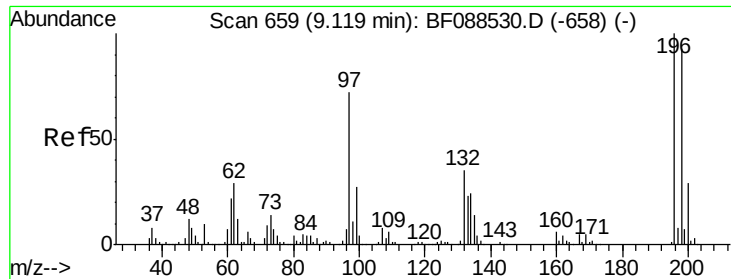
#42
 2,4,6-Trichlorophenol
 Concen: 15.59 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:196 Resp: 94159
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 29.7 25.4 38.2



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

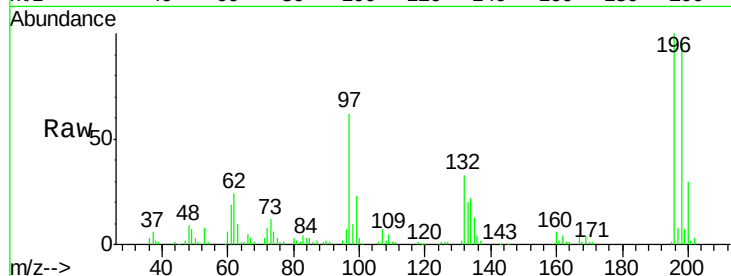




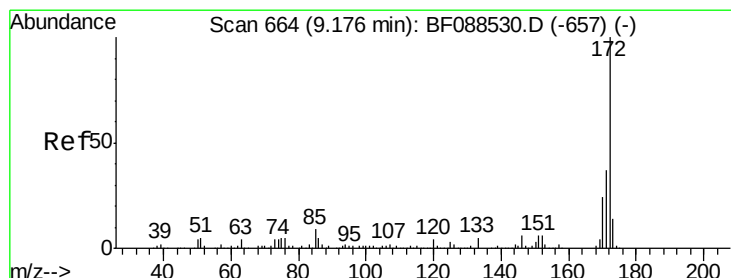
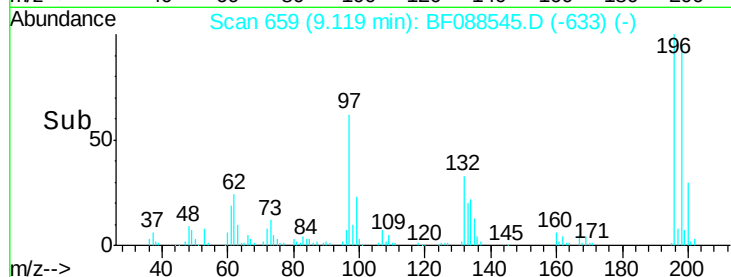
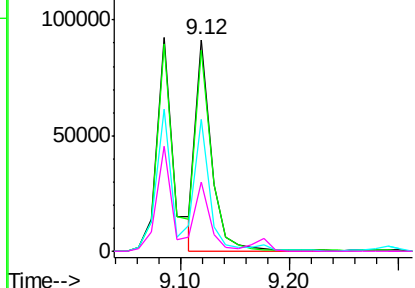
#43
 2,4,5-Trichlorophenol
 Concen: 17.75 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:196 Resp: 92228
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.5 116.3
 97 62.2 32.0 48.0#
 132 32.7 20.9 31.3#

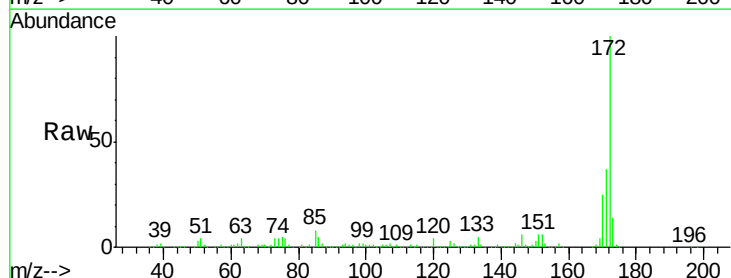


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

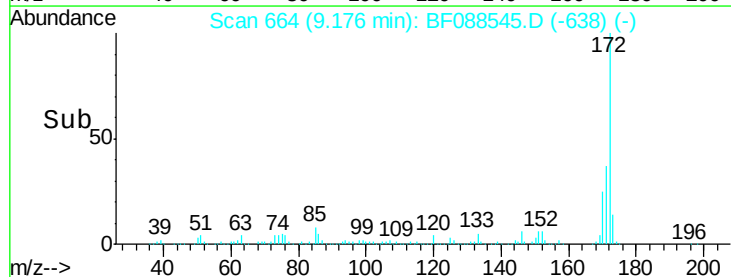
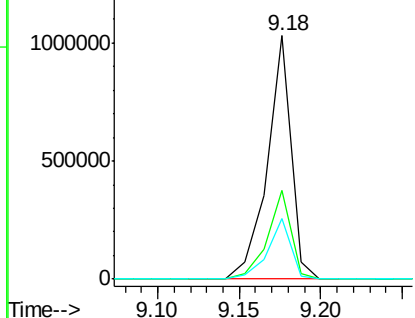


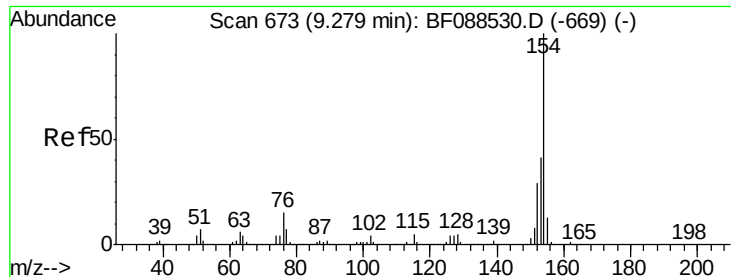
#44
 2-Fluorobiphenyl
 Concen: 60.09 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:172 Resp: 1047546
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.6 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 16.28 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

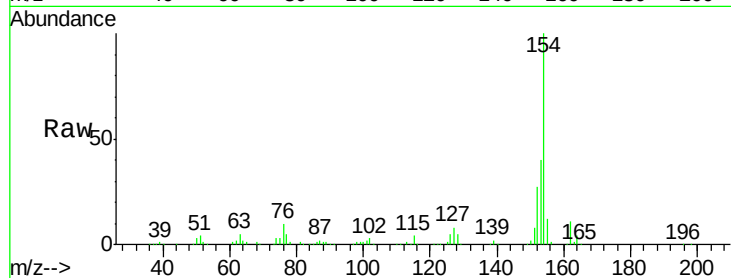
Tgt Ion:154 Resp: 371232

Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

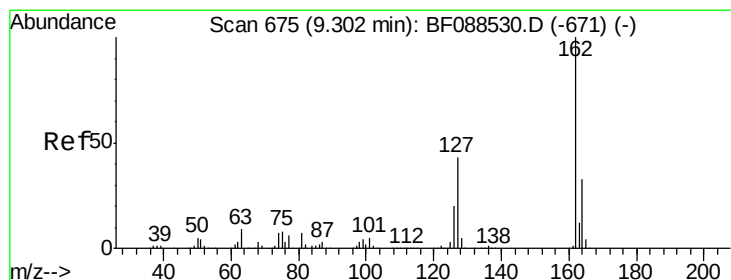
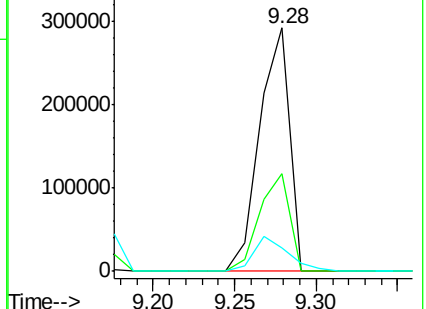
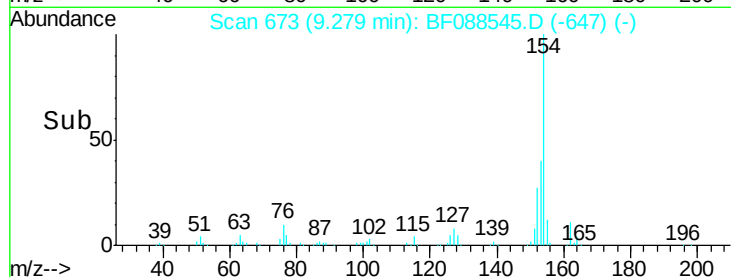
76 9.9 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 15.90 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

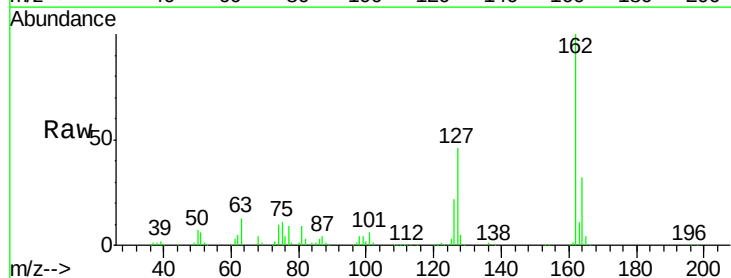
Tgt Ion:162 Resp: 284694

Ion Ratio Lower Upper

162 100

127 46.0 35.2 52.8

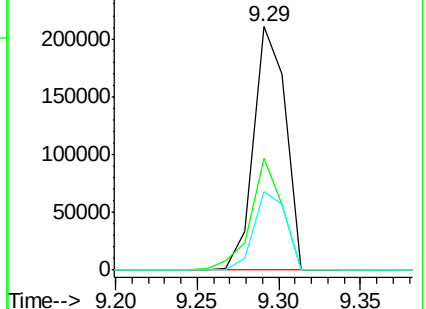
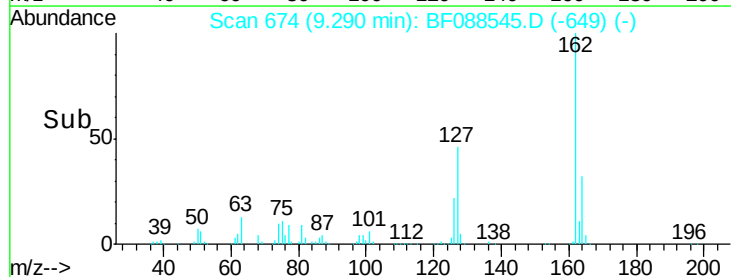
164 32.3 26.6 39.8

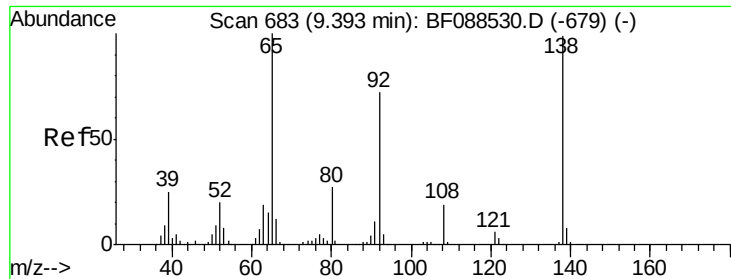


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

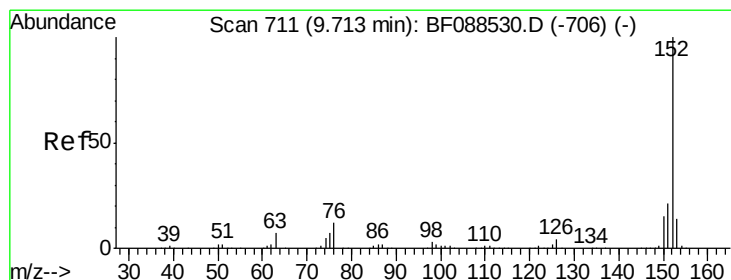
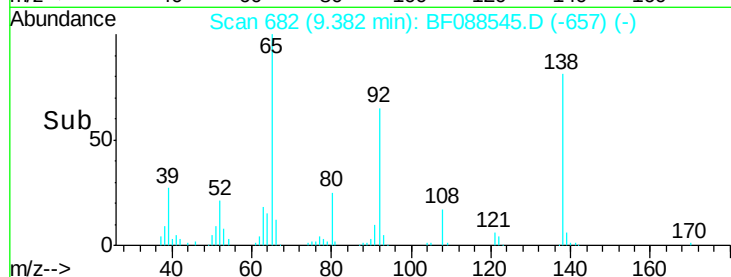
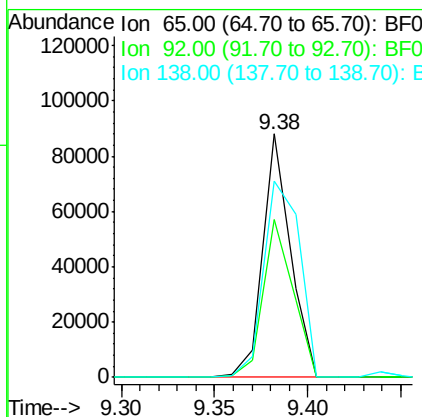
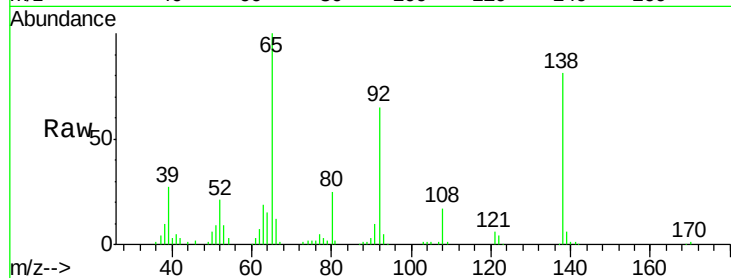




#47
2-Nitroaniline
Concen: 14.12 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

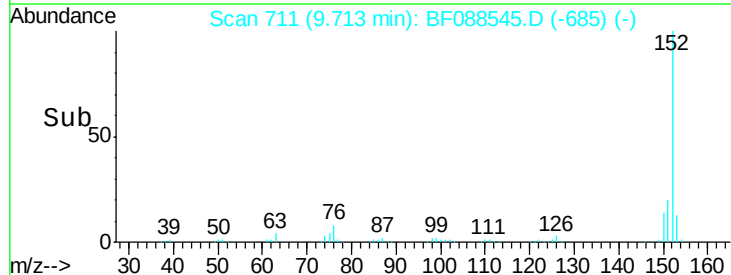
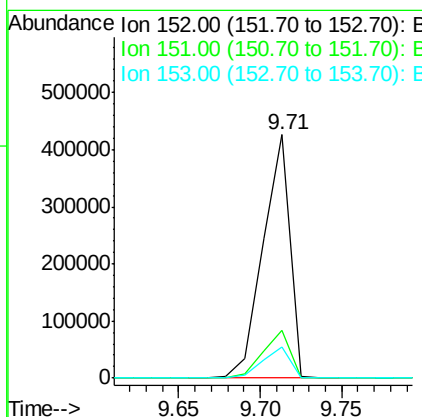
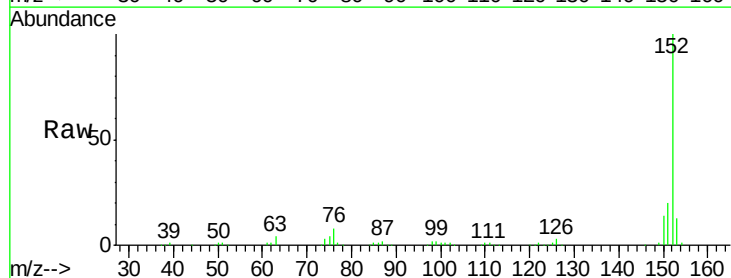
Instrument :
BNA_F
ClientSampleId :
PB91702BS

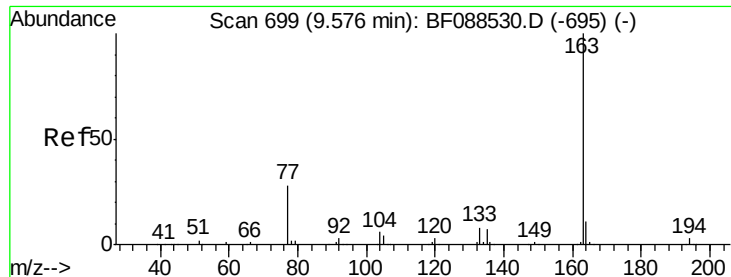
Tgt Ion: 65 Resp: 89677
Ion Ratio Lower Upper
65 100
92 64.6 54.6 82.0
138 80.7 77.0 115.4



#48
Acenaphthylene
Concen: 17.11 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion: 152 Resp: 487200
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.6 11.0 16.6





#49

Dimethylphthalate

Concen: 18.25 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

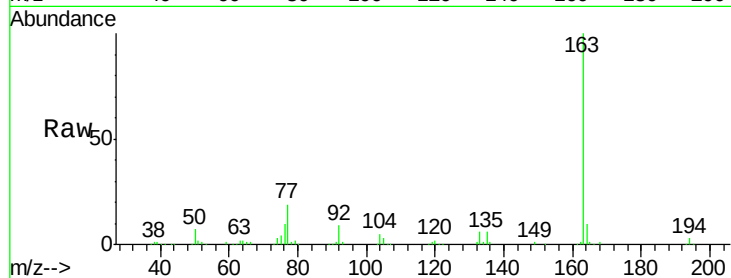
Tgt Ion:163 Resp: 358057

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

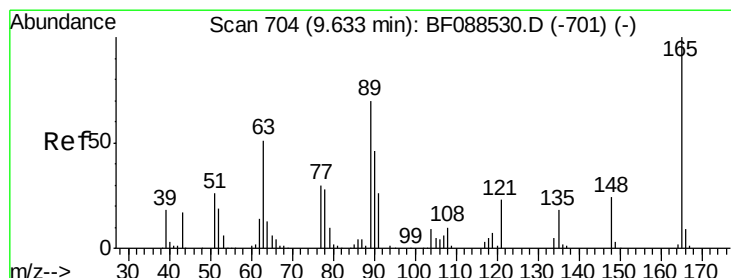
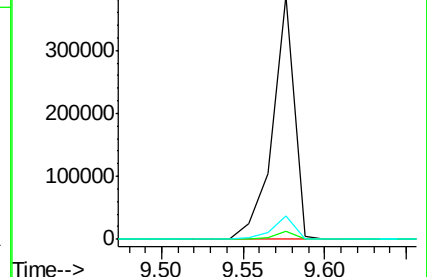
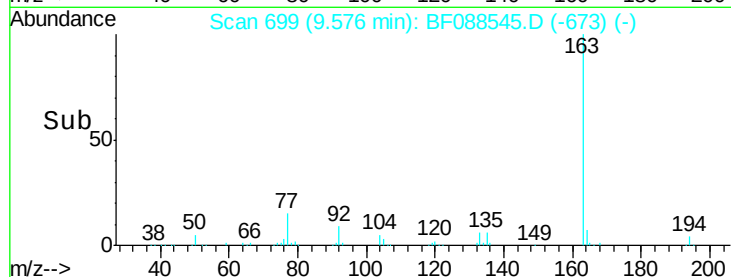
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 18.28 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

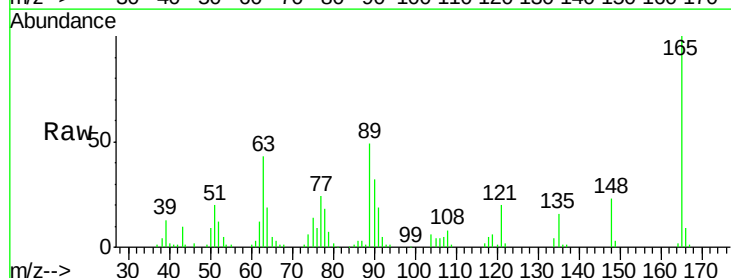
Tgt Ion:165 Resp: 79489

Ion Ratio Lower Upper

165 100

63 43.3 28.1 42.1#

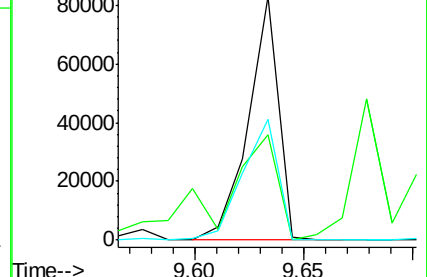
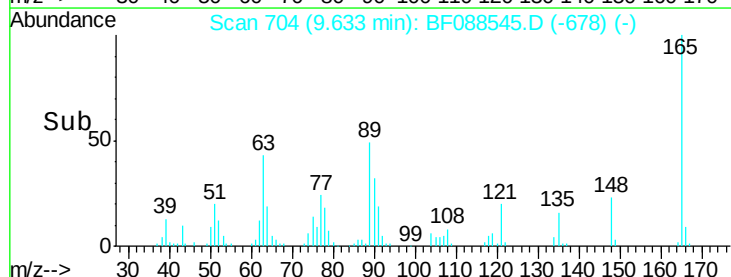
89 49.4 32.2 48.2#

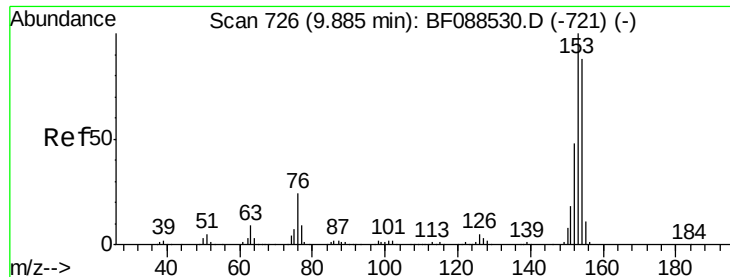


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 19.06 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

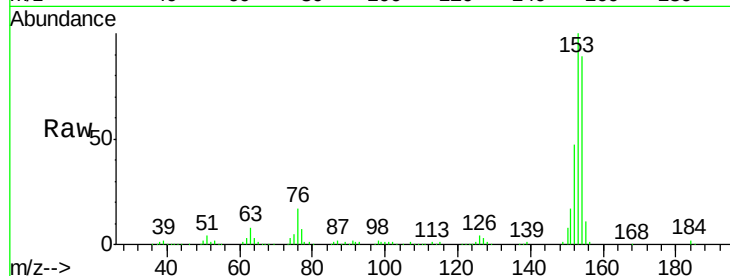
Tgt Ion:154 Resp: 332746

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

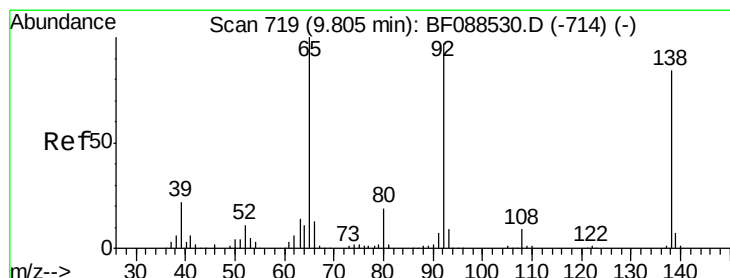
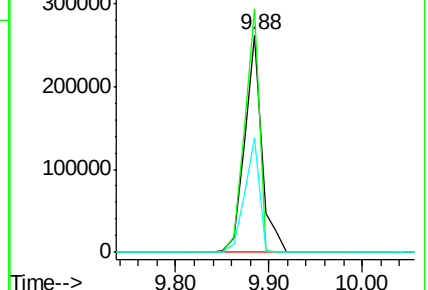
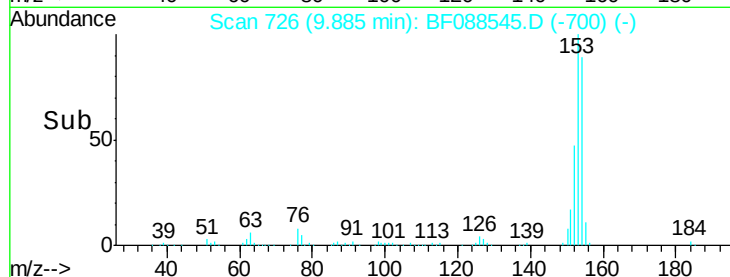
152 52.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.97 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

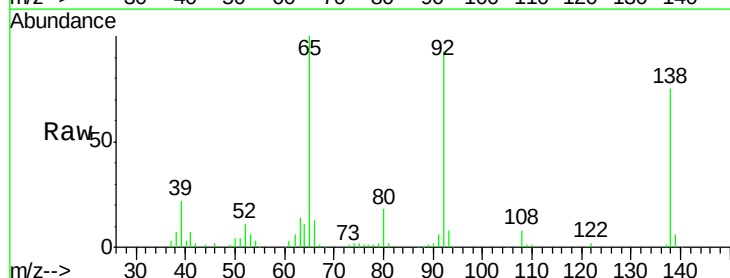
Tgt Ion:138 Resp: 60603

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

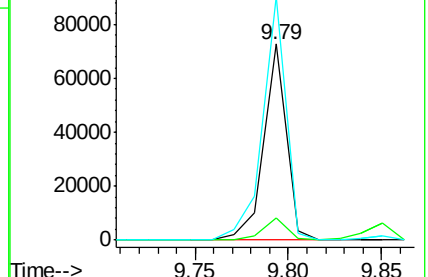
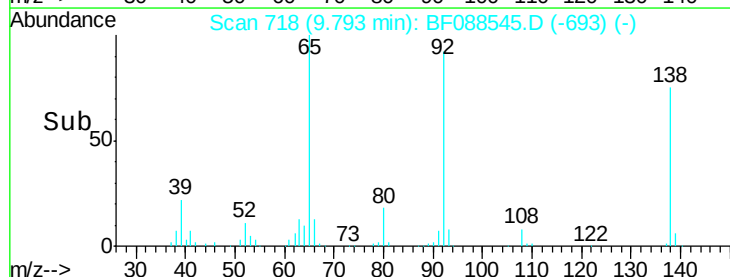
92 124.1 95.7 143.5

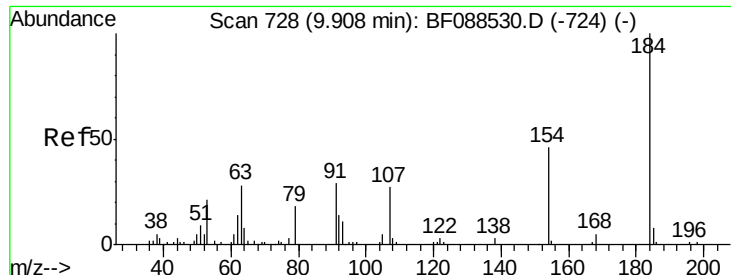


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

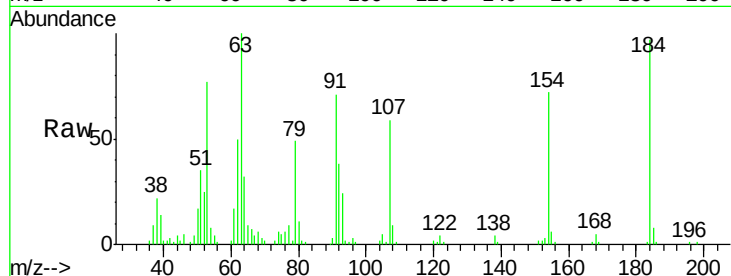




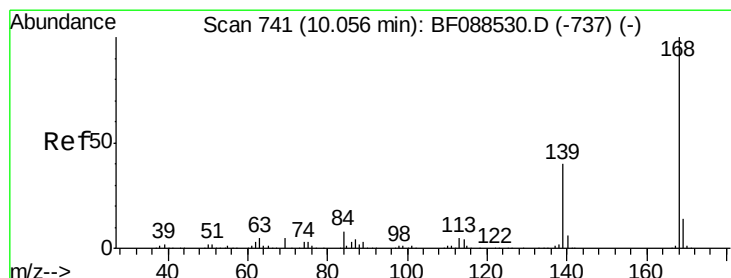
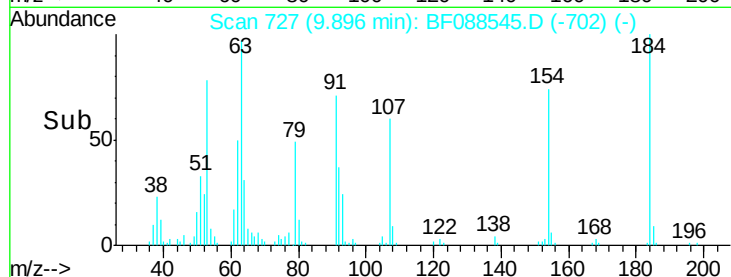
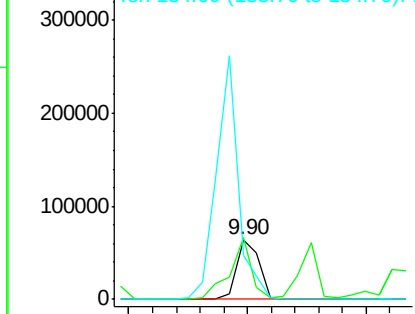
#53
2,4-Dinitrophenol
Concen: 44.12 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:184 Resp: 84700
Ion Ratio Lower Upper
184 100
63 103.0 57.6 86.4#
154 73.7 53.5 80.3

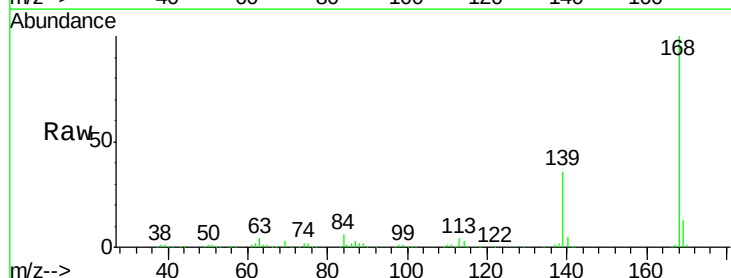


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

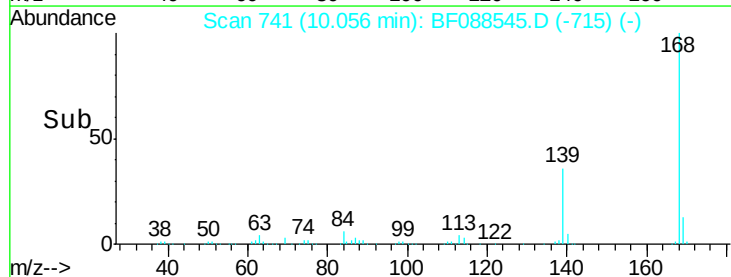
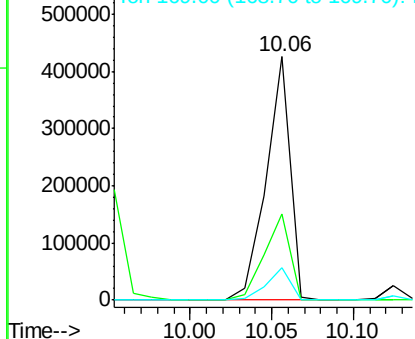


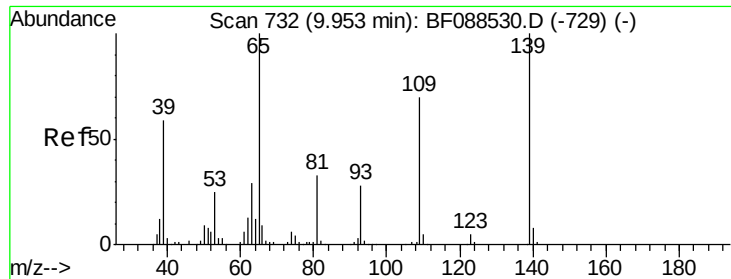
#54
Dibenzofuran
Concen: 19.02 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:168 Resp: 434542
Ion Ratio Lower Upper
168 100
139 35.6 26.4 39.6
169 13.3 10.4 15.6



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

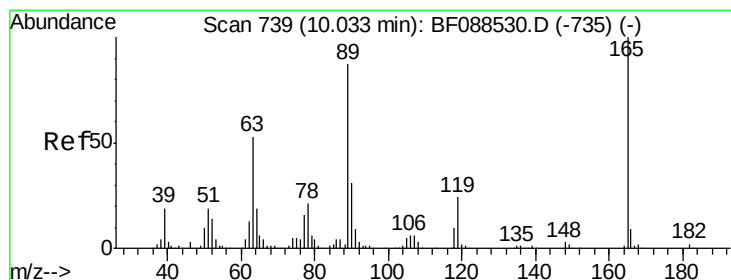
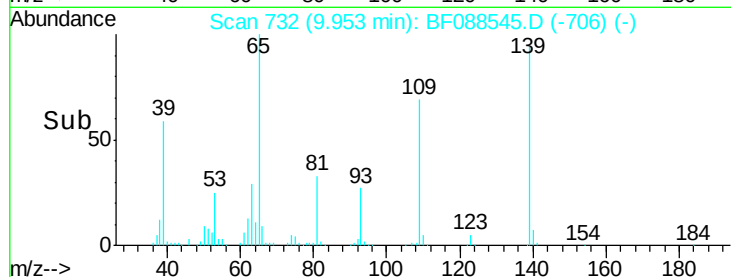
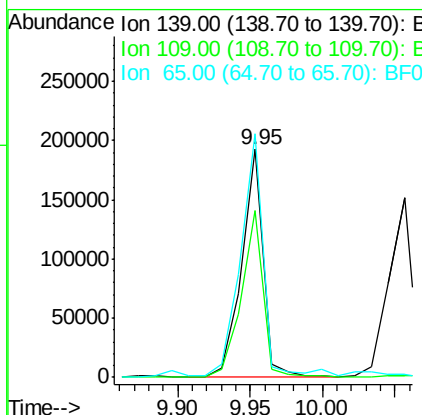
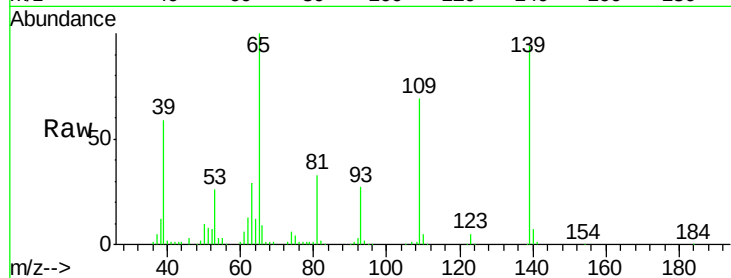




#55
4-Nitrophenol
Concen: 47.74 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

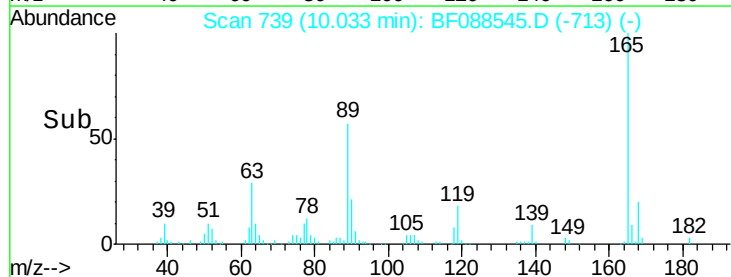
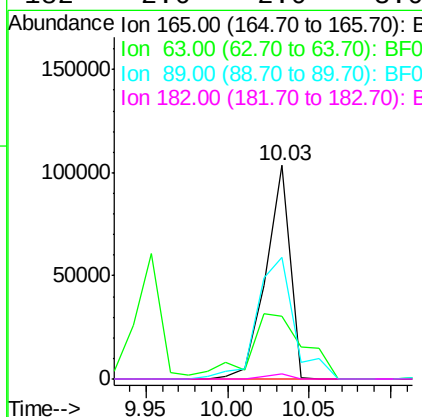
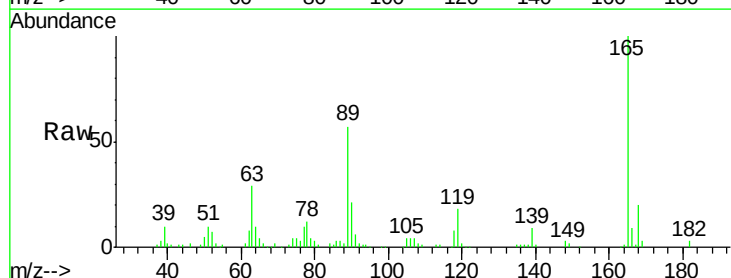
Instrument :
BNA_F
ClientSampleId :
PB91702BS

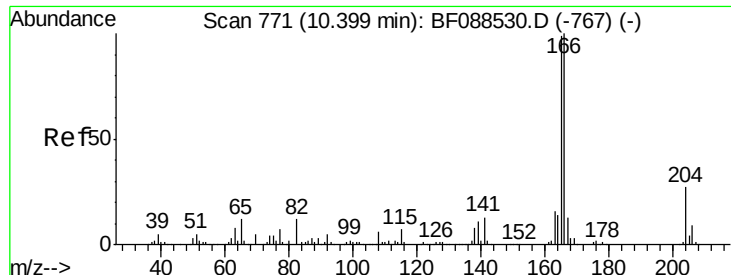
Tgt Ion:139 Resp: 200521
Ion Ratio Lower Upper
139 100
109 73.4 48.9 88.9
65 106.7 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 18.79 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:165 Resp: 106802
Ion Ratio Lower Upper
165 100
63 29.5 22.0 33.0
89 57.0 41.1 61.7
182 2.6 2.0 3.0





#57

Fluorene

Concen: 17.65 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

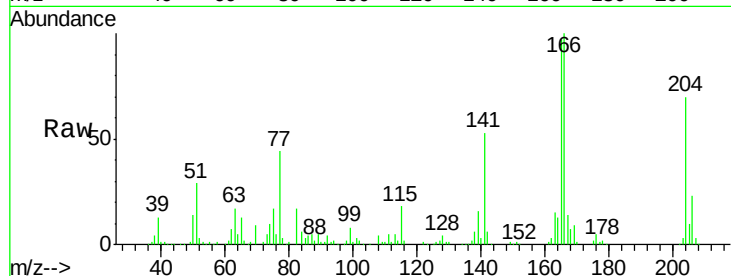
Tgt Ion:166 Resp: 310860

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.8

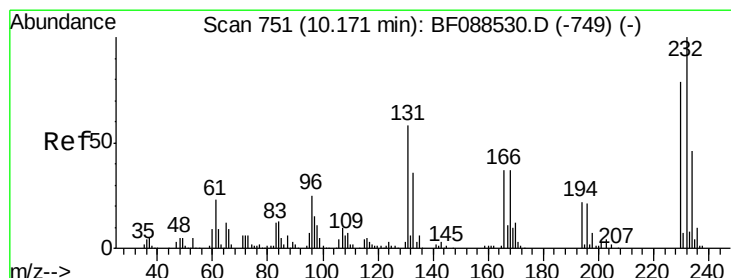
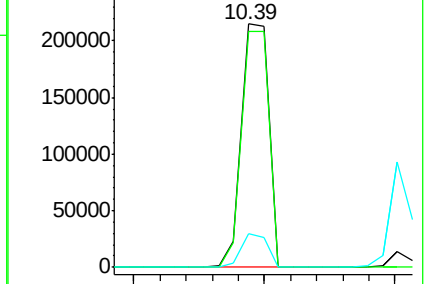
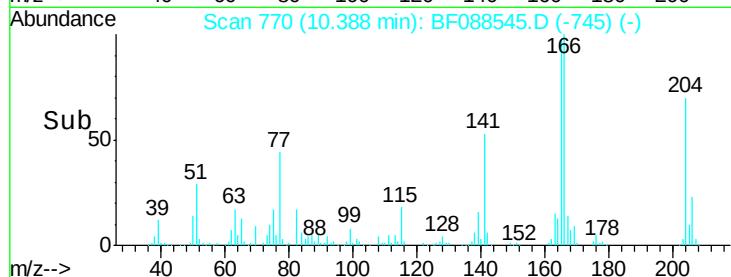
167 13.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.24 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Tgt Ion:232 Resp: 81335

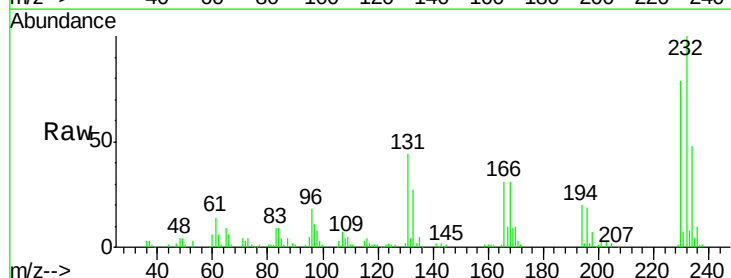
Ion Ratio Lower Upper

232 100

131 50.5 0.9 1.3#

130 2.3 1.5 2.3#

166 32.5 0.5 0.7#

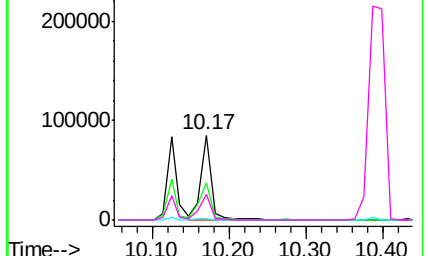
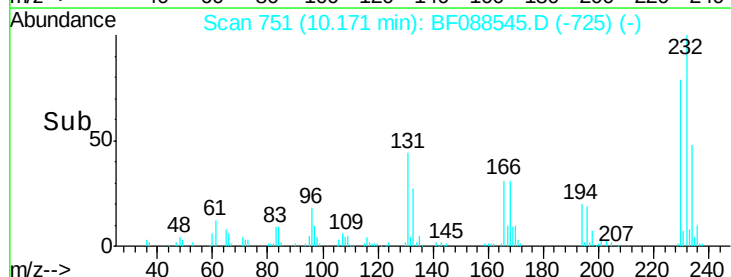


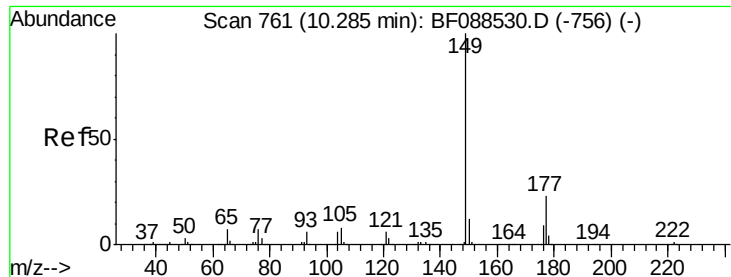
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

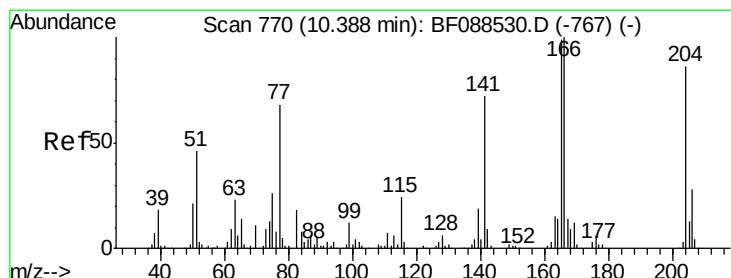
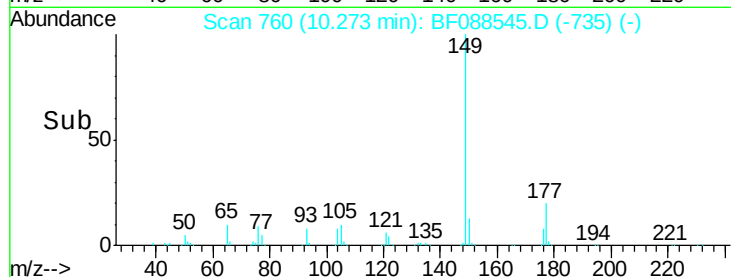
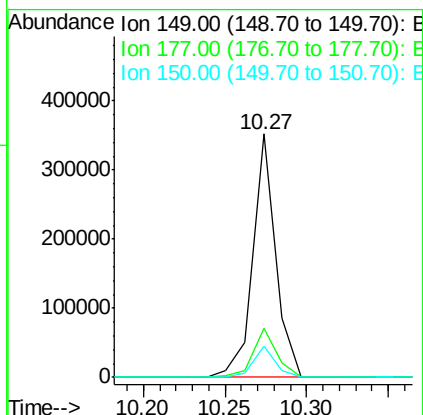
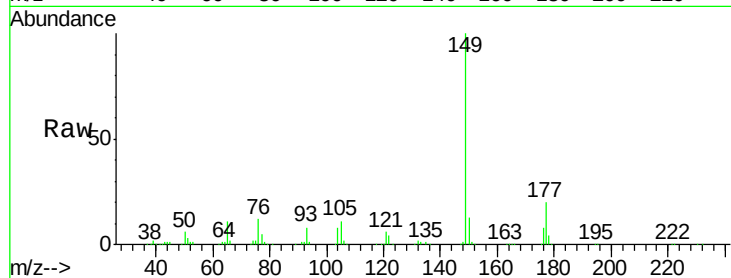




#59
Diethylphthalate
Concen: 17.43 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

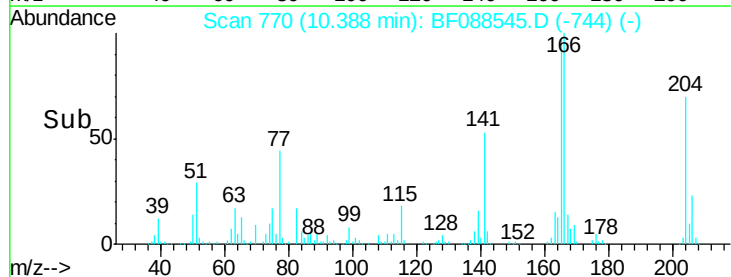
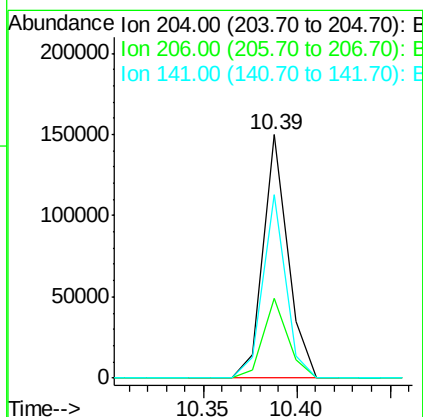
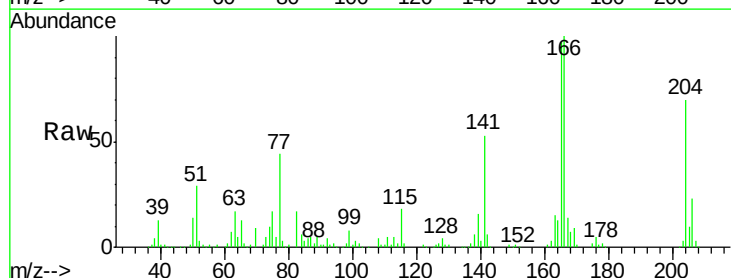
Instrument :
BNA_F
ClientSampleId :
PB91702BS

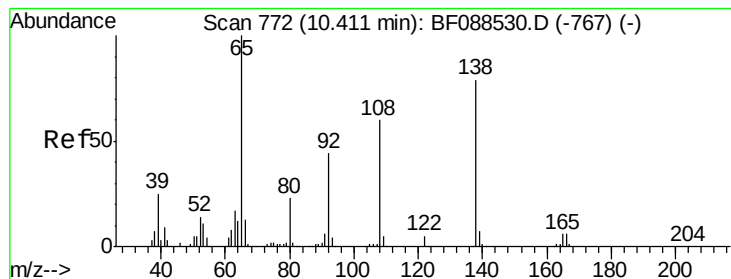
Tgt Ion:149 Resp: 343186
Ion Ratio Lower Upper
149 100
177 19.9 16.9 25.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 16.72 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:204 Resp: 136779
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 75.6 55.0 82.6





#61

4-Nitroaniline

Concen: 13.73 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

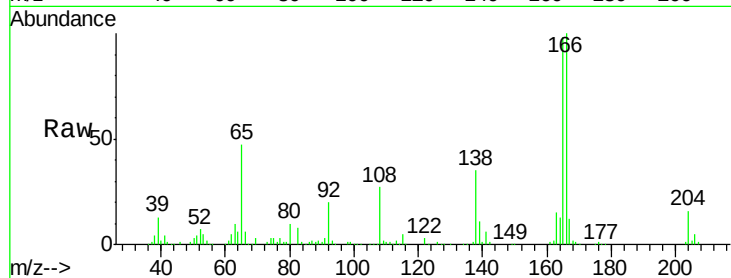
Tgt Ion: 138 Resp: 73048

Ion Ratio Lower Upper

138 100

92 58.5 27.3 67.3

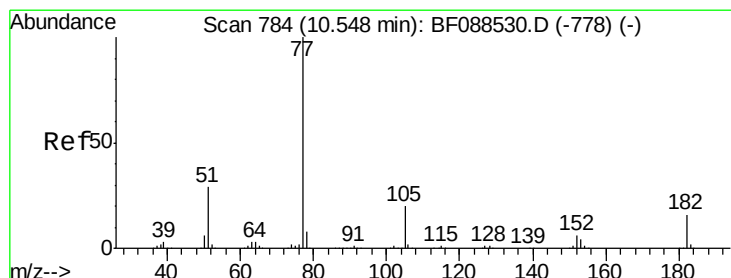
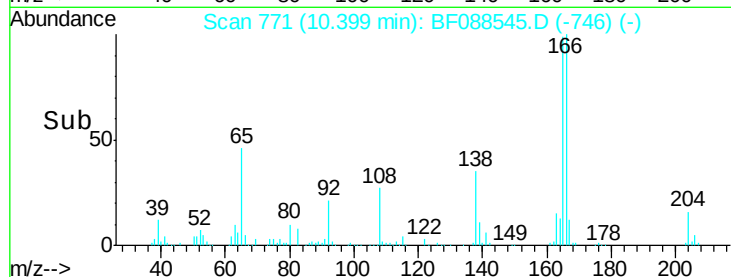
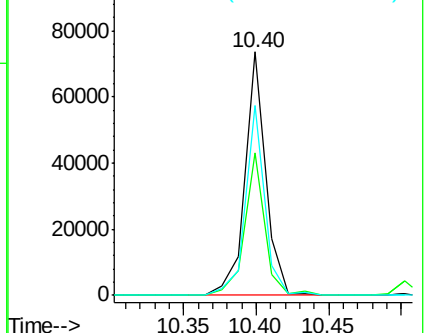
108 78.1 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 17.35 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Tgt Ion: 77 Resp: 389712

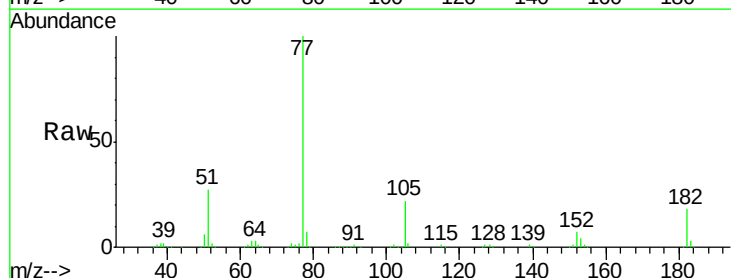
Ion Ratio Lower Upper

77 100

182 18.4 4.4 44.4

105 21.8 3.8 43.8

51 27.1 9.3 49.3

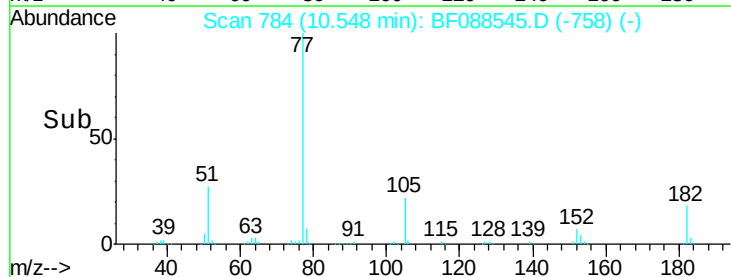
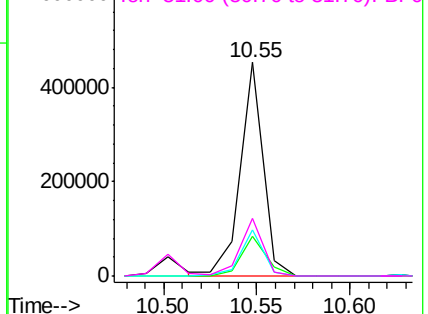


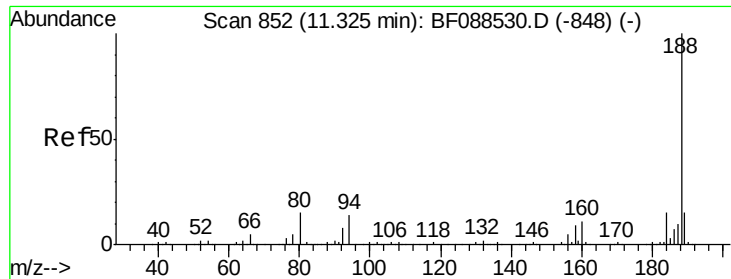
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

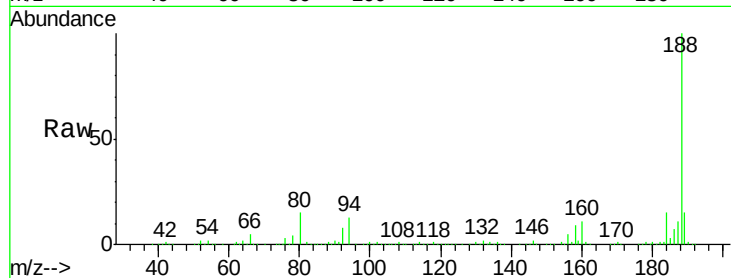




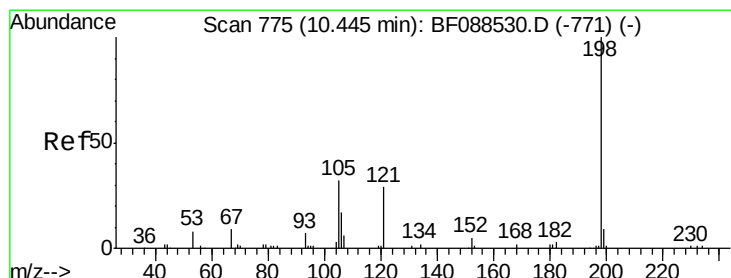
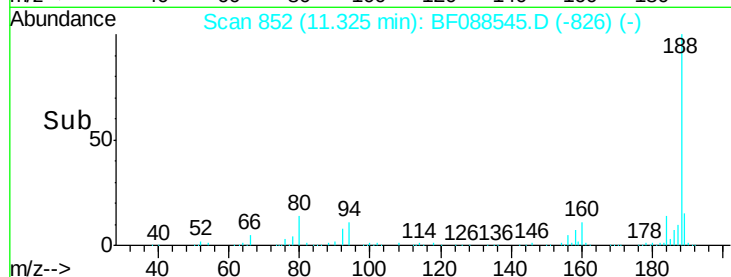
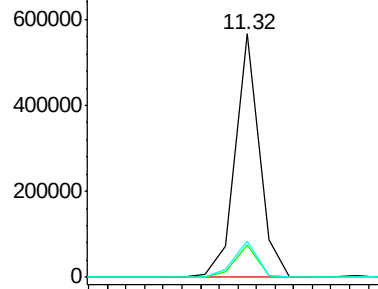
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:188 Resp: 504198
Ion Ratio Lower Upper
188 100
94 13.1 9.0 13.6
80 14.7 10.0 15.0

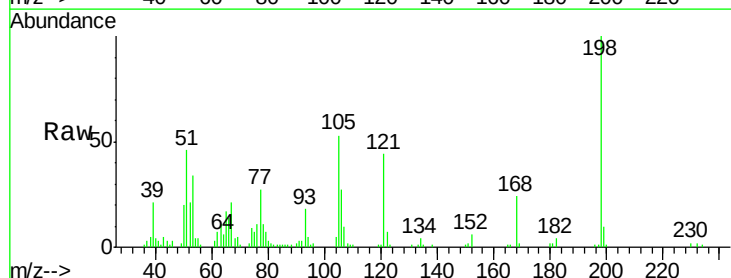


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

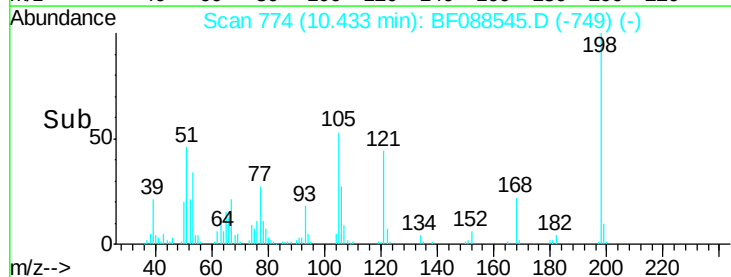
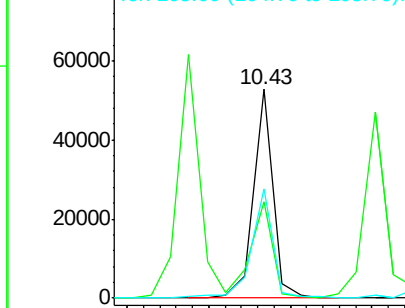


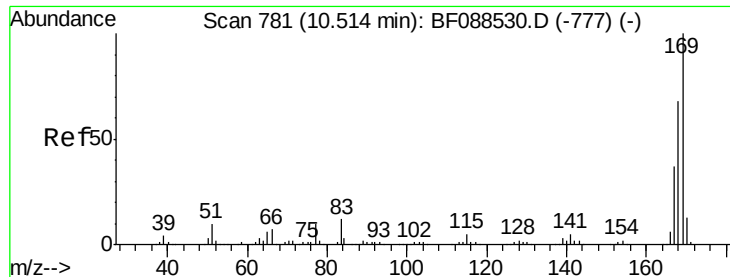
#64
4,6-Dinitro-2-methylphenol
Concen: 16.06 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088545.D
Acq: 30 Jun 2016 22:54

Tgt Ion:198 Resp: 43307
Ion Ratio Lower Upper
198 100
51 46.4 39.6 79.6
105 52.6 36.6 76.6



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

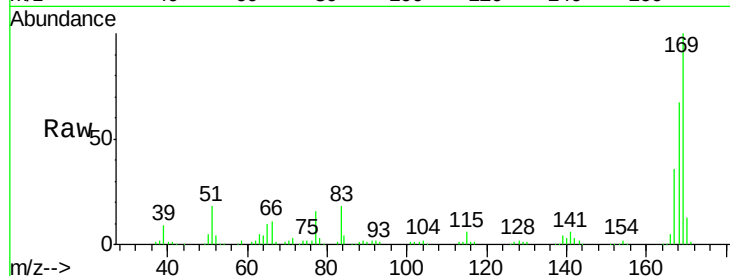




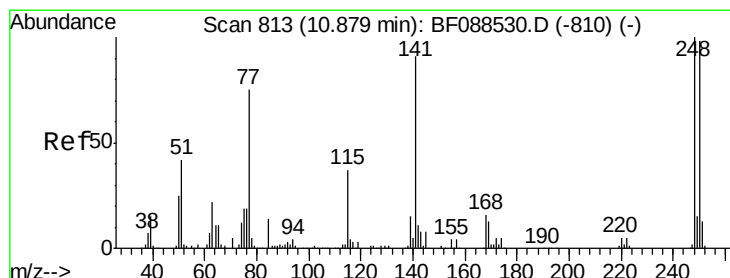
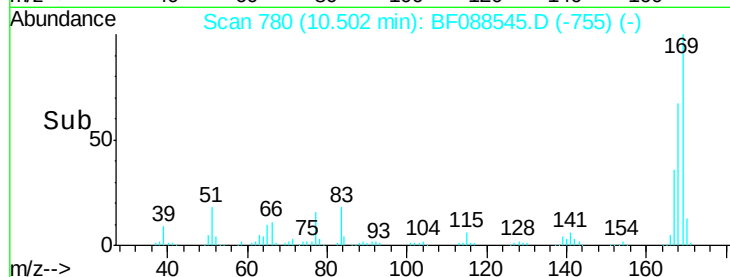
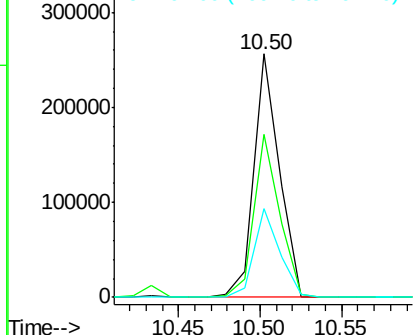
#65
 n-Nitrosodiphenylamine
 Concen: 16.27 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:169 Resp: 277640
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.0
 167 36.5 29.4 44.0

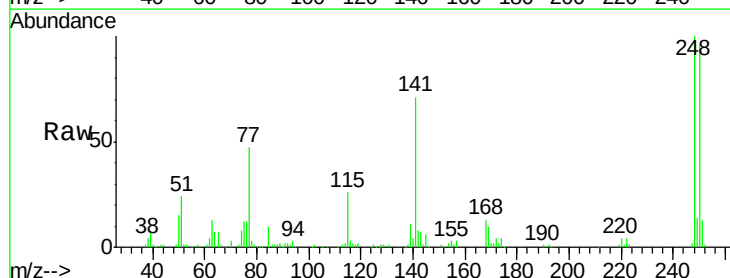


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

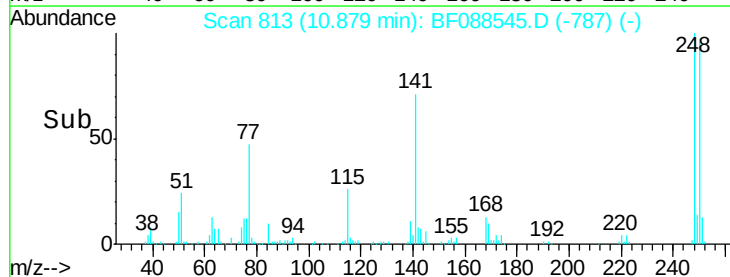
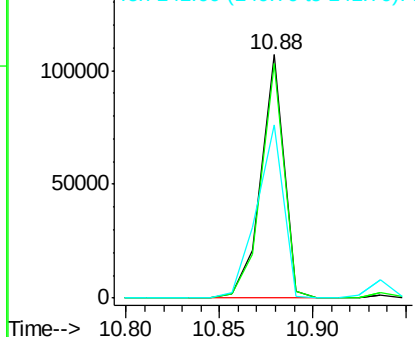


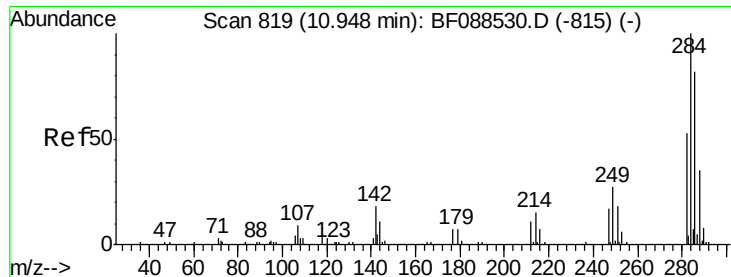
#66
 4-Bromophenyl-phenylether
 Concen: 17.90 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:248 Resp: 90949
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 71.1 50.6 76.0



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





#67

Hexachlorobenzene

Concen: 15.71 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

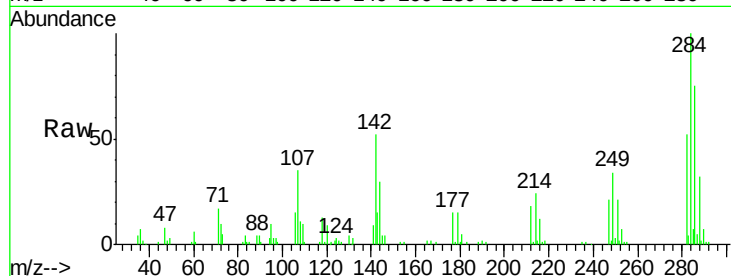
Tgt Ion:284 Resp: 88382

Ion Ratio Lower Upper

284 100

142 51.7 35.8 53.8

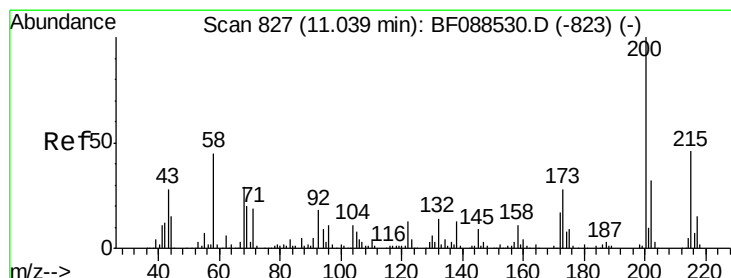
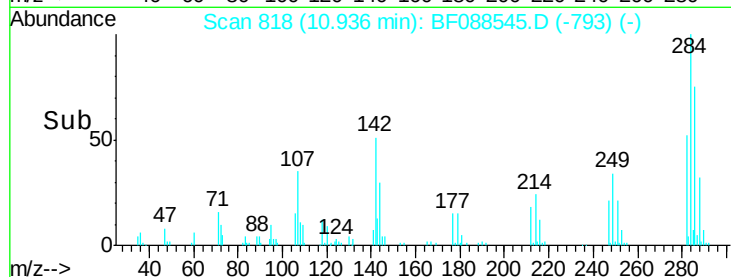
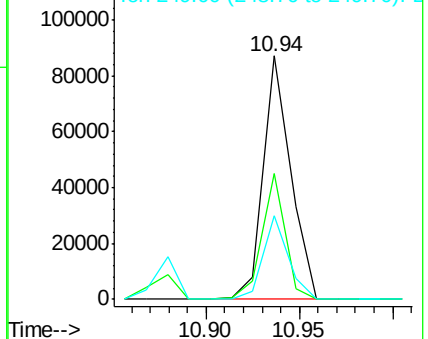
249 34.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 15.33 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

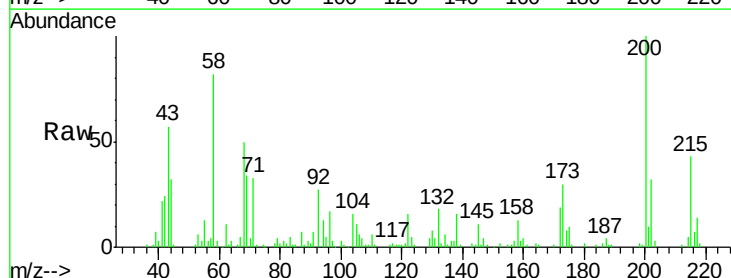
Tgt Ion:200 Resp: 81488

Ion Ratio Lower Upper

200 100

173 30.4 4.0 44.0

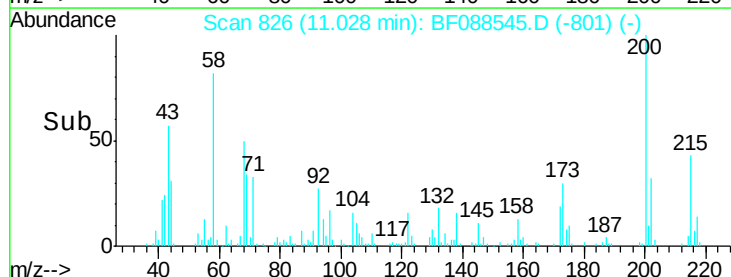
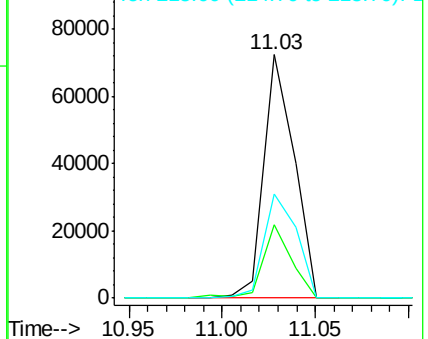
215 42.8 29.3 69.3

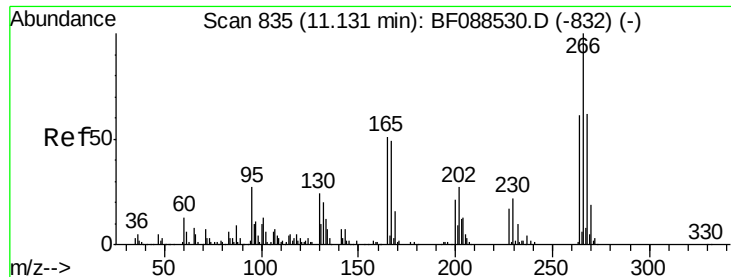


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

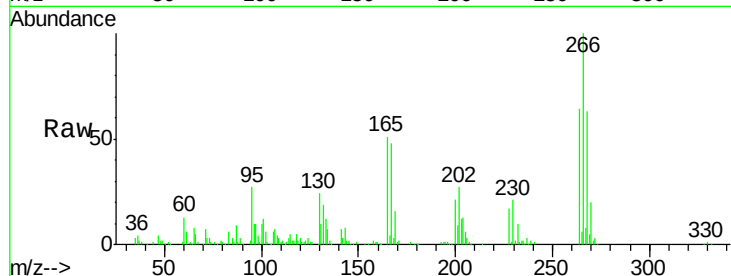




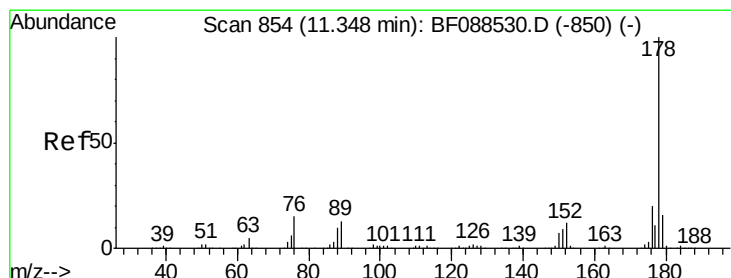
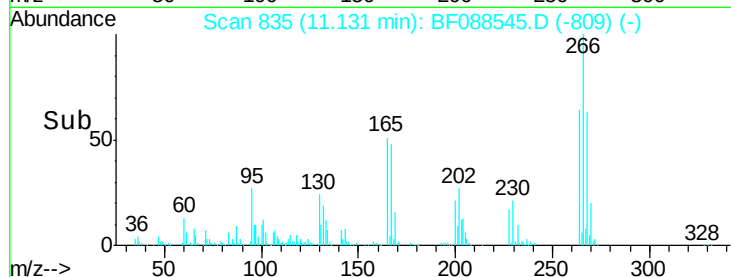
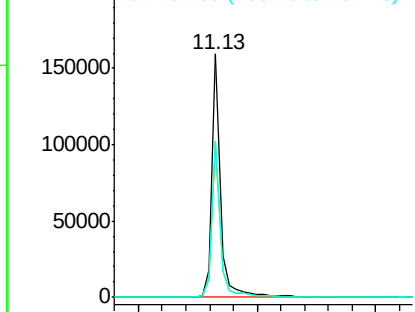
#69
 Pentachlorophenol
 Concen: 48.81 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:266 Resp: 162479
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.8 79.2
 264 64.4 49.6 74.4

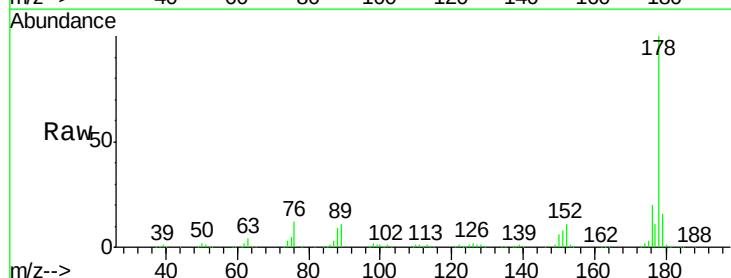


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

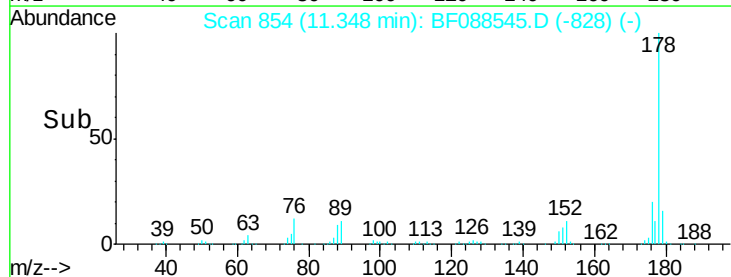
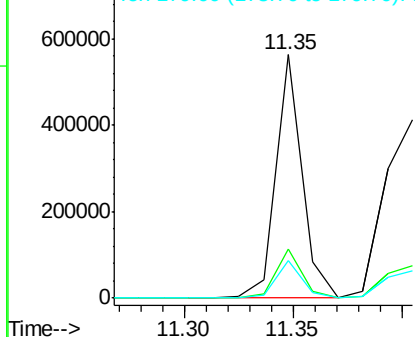


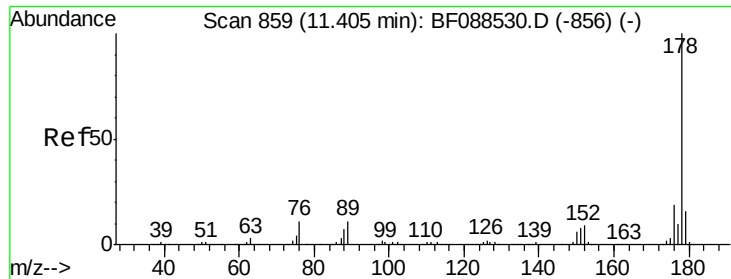
#70
 Phenanthrene
 Concen: 17.32 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:178 Resp: 477278
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.6
 179 15.6 13.0 19.4



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

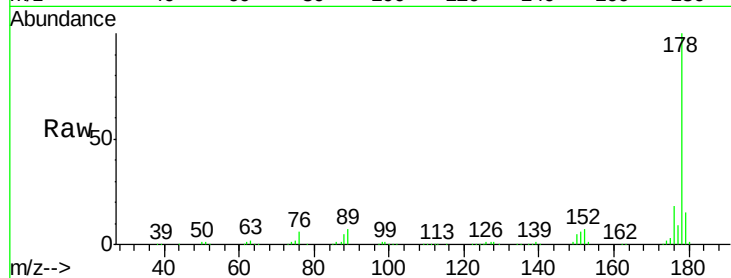




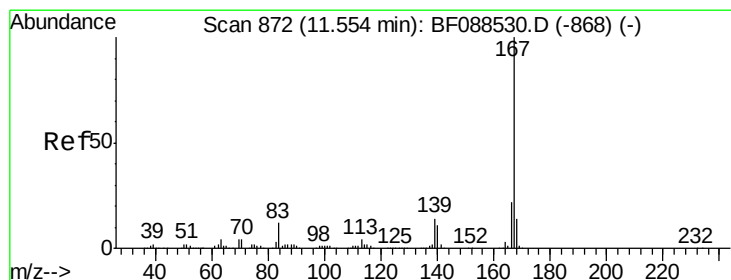
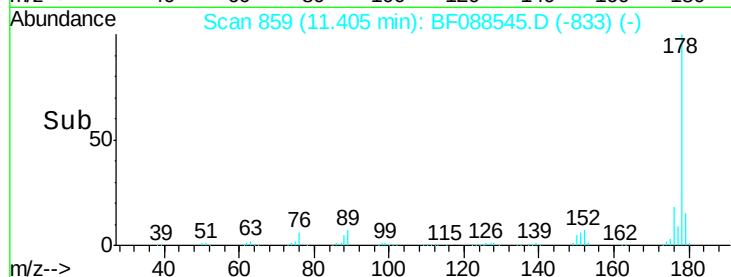
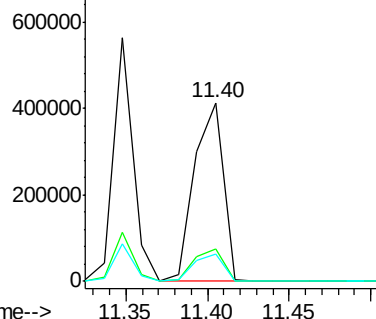
#71
 Anthracene
 Concen: 18.33 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:178 Resp: 502326
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.6 23.4
 179 15.0 12.8 19.2

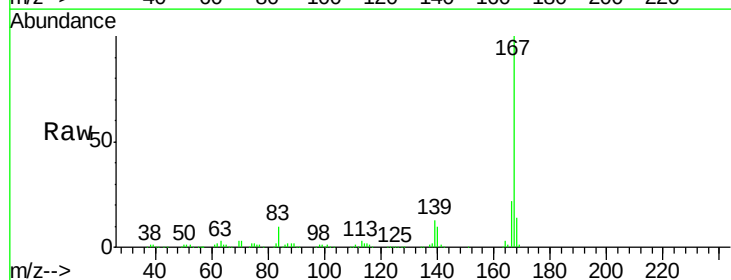


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

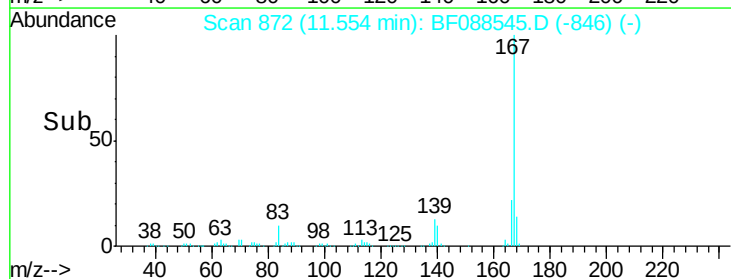
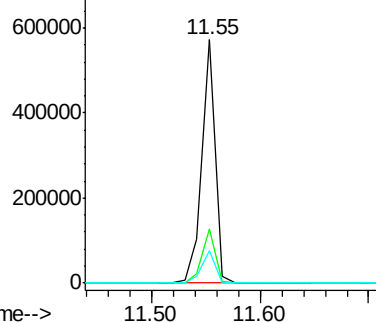


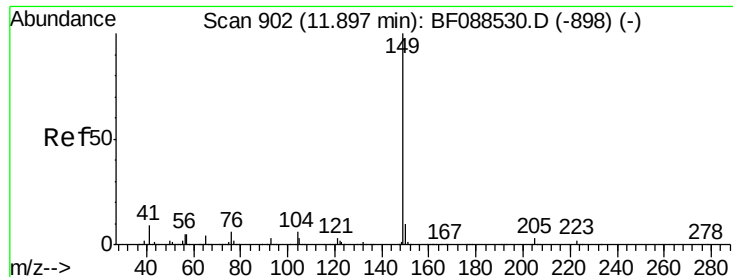
#72
 Carbazole
 Concen: 18.64 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:167 Resp: 480716
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 18.38 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

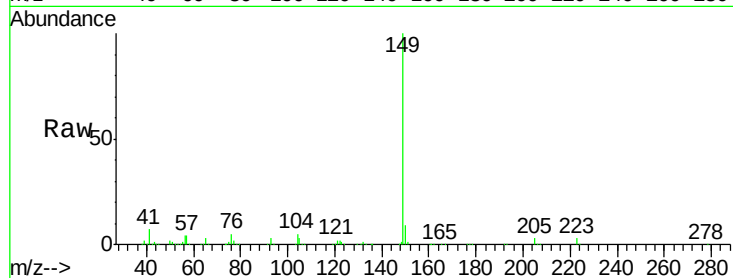
Tgt Ion:149 Resp: 551604

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

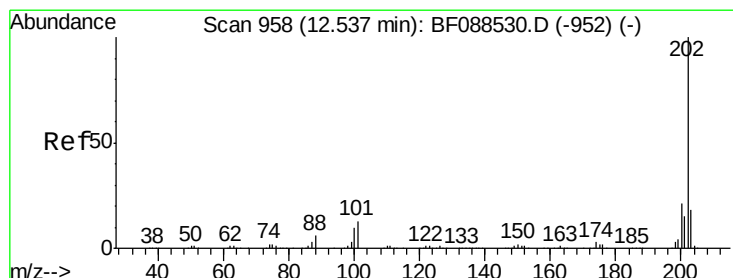
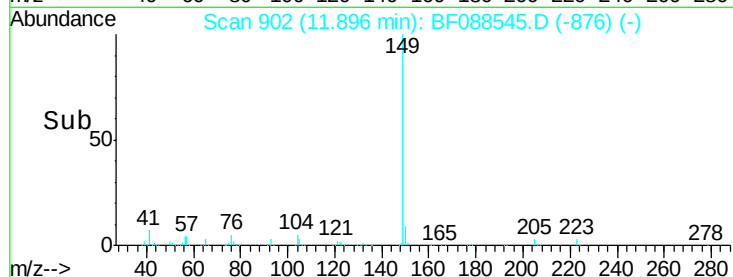
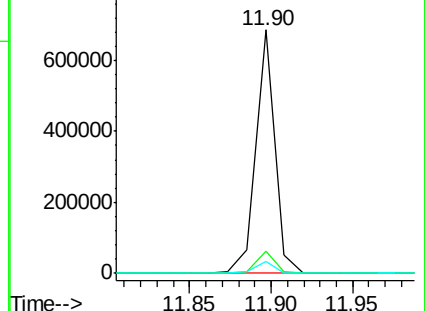
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 17.76 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

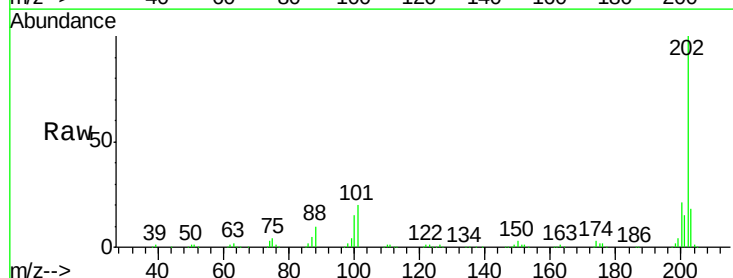
Tgt Ion:202 Resp: 496337

Ion Ratio Lower Upper

202 100

101 19.6 0.0 33.1

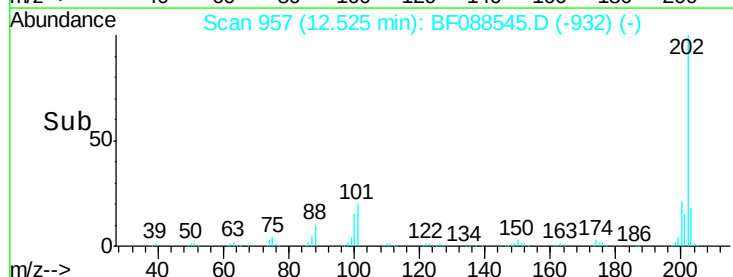
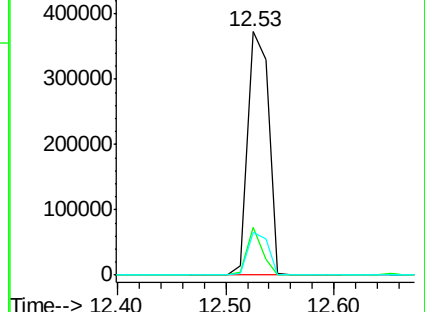
203 17.7 0.0 38.1

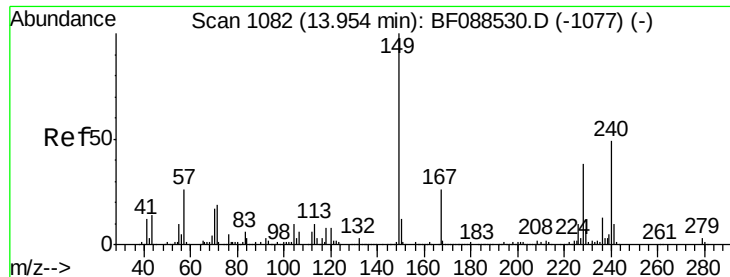


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

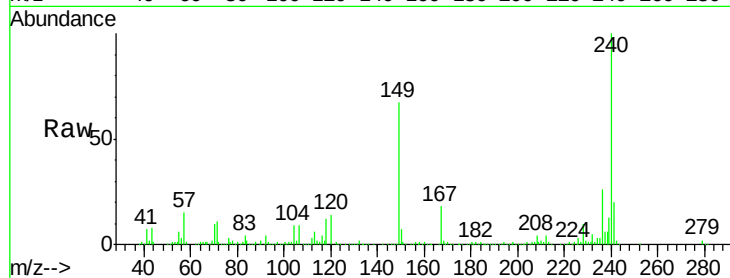
Tgt Ion:240 Resp: 404838

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

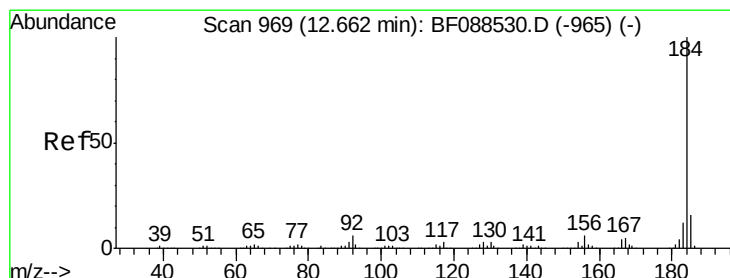
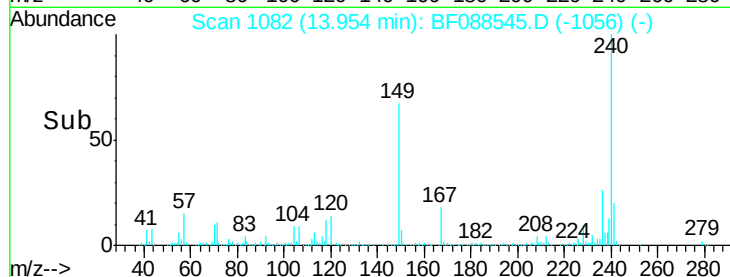
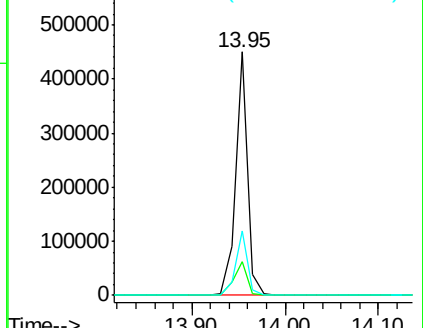
236 26.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.25 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

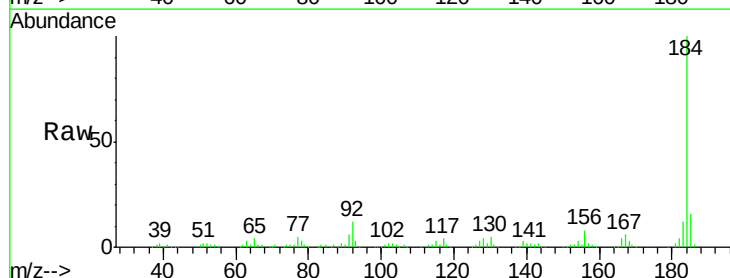
Tgt Ion:184 Resp: 311973

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

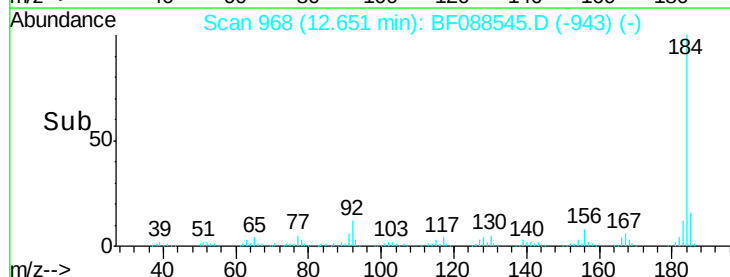
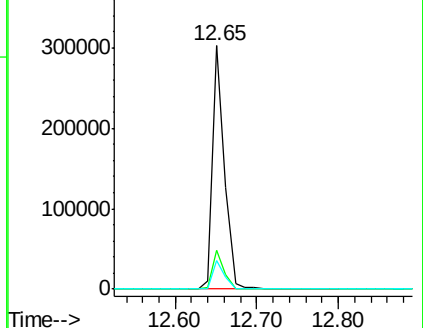
183 11.8 9.3 13.9

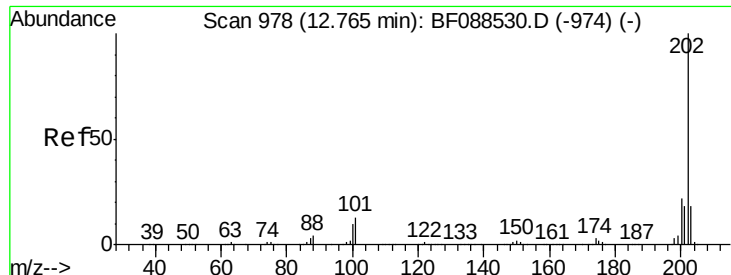


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 14.30 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

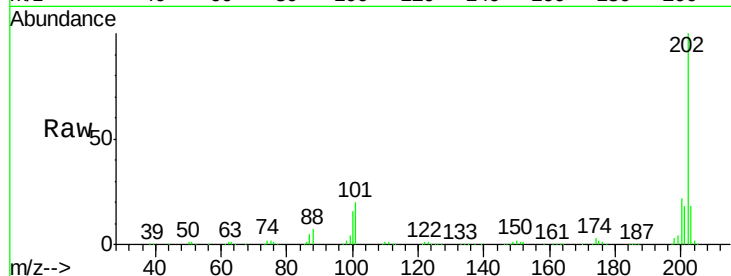
Tgt Ion:202 Resp: 491018

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

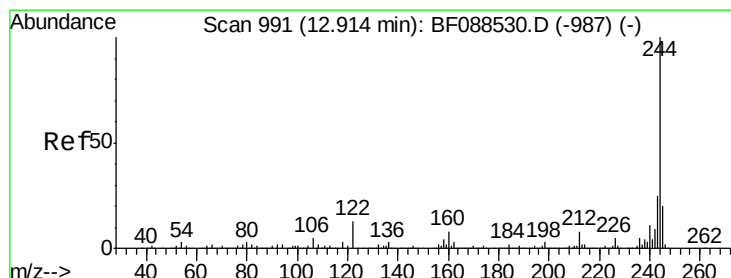
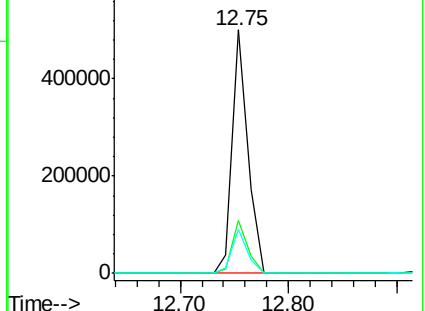
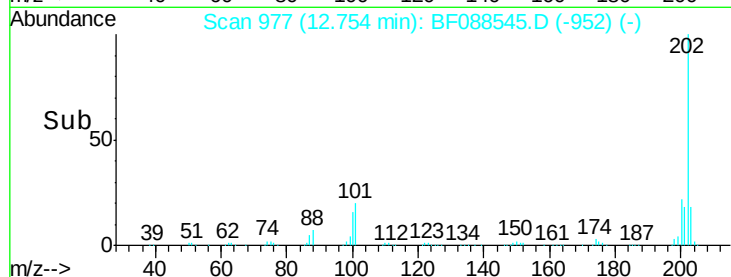
203 18.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.11 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

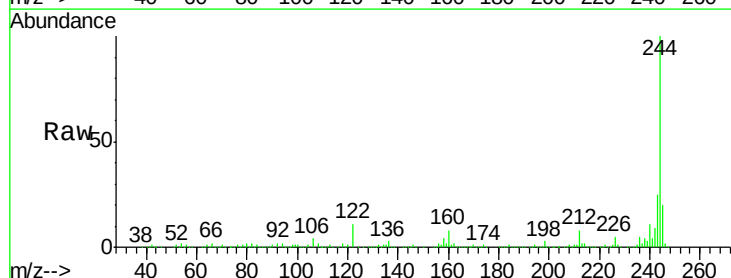
Tgt Ion:244 Resp: 1056248

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

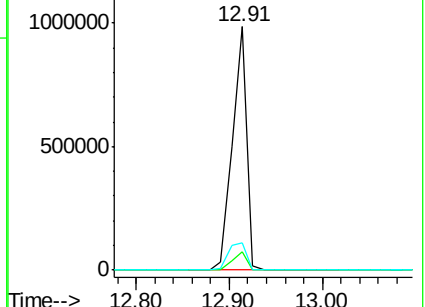
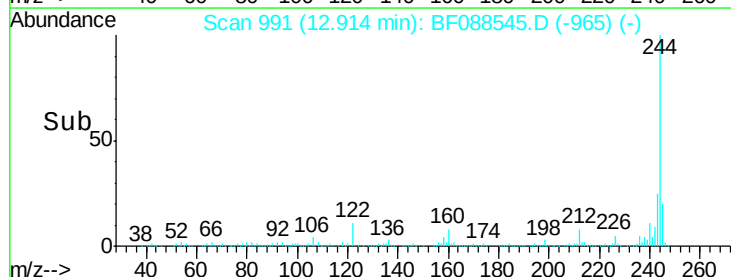
122 11.4 11.2 16.8

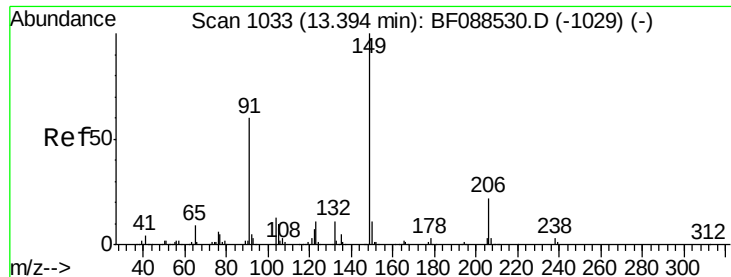


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 14.28 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

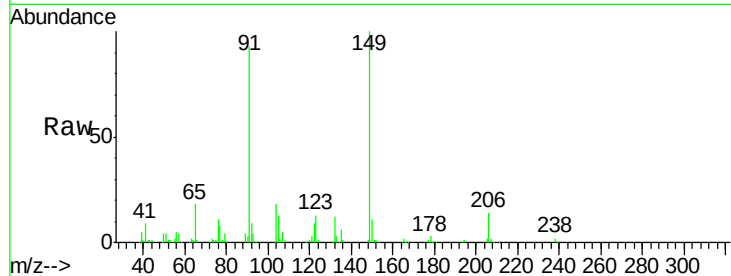
Tgt Ion:149 Resp: 218687

Ion Ratio Lower Upper

149 100

91 92.8 48.0 72.0#

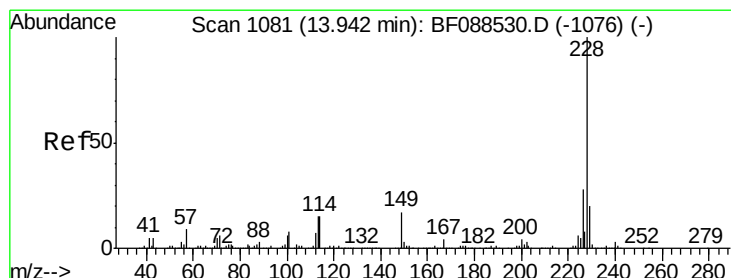
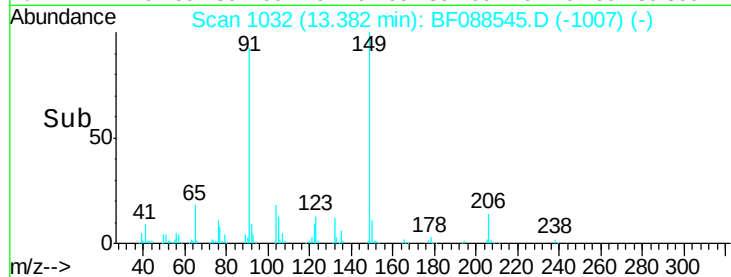
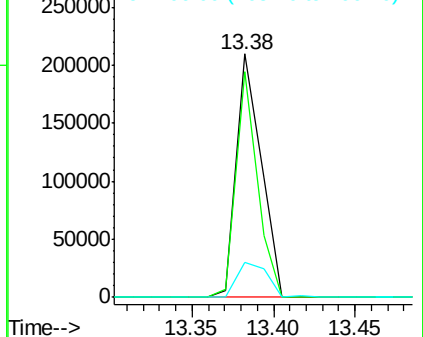
206 14.3 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 17.66 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

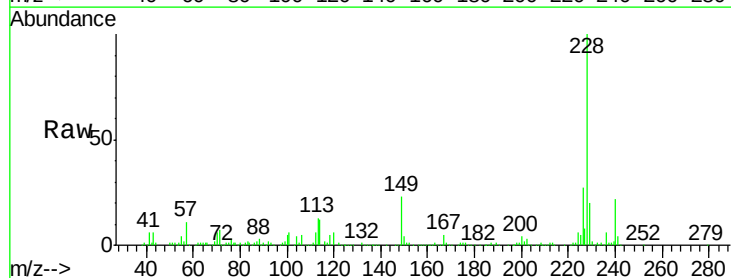
Tgt Ion:228 Resp: 460253

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

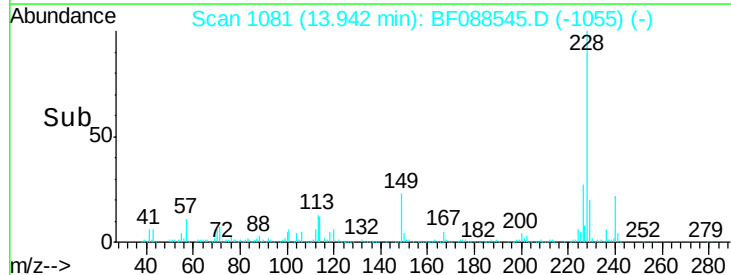
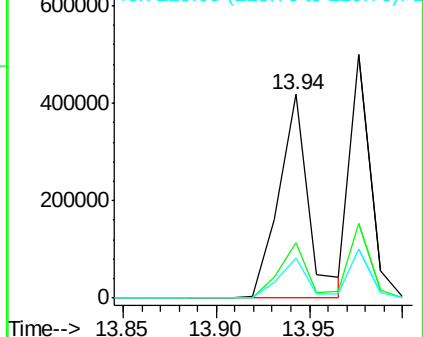
229 19.7 16.0 24.0

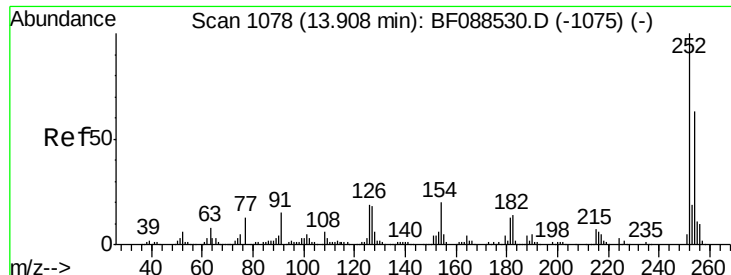


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

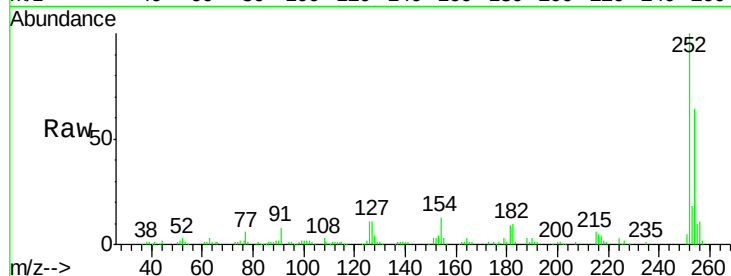




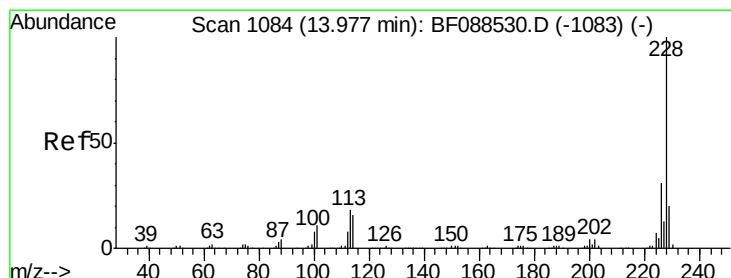
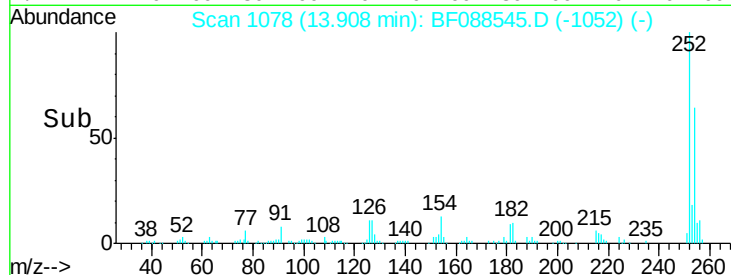
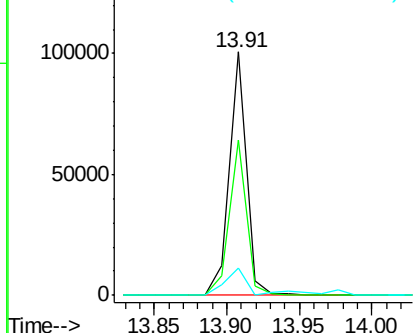
#81
 3,3'-Dichlorobenzidine
 Concen: 8.43 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:252 Resp: 82656
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 11.2 6.2 9.2#

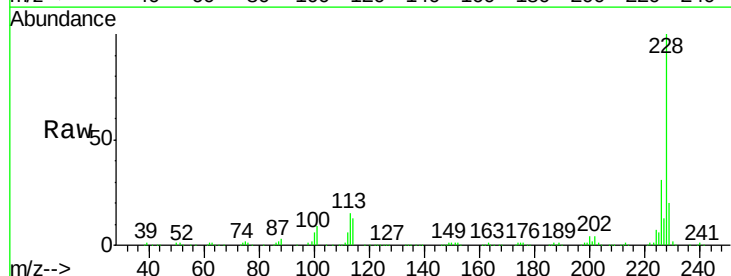


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

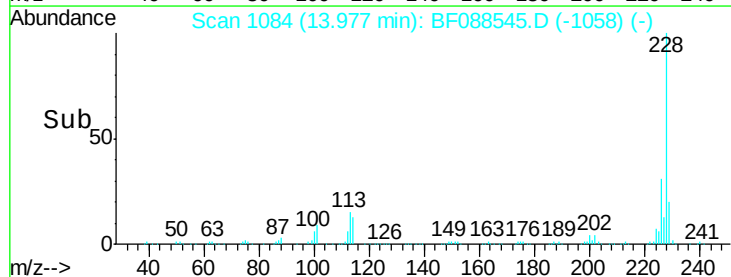
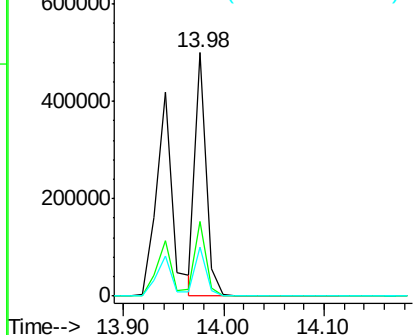


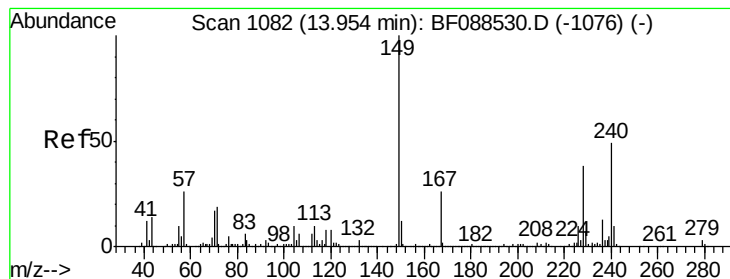
#82
 Chrysene
 Concen: 15.05 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion:228 Resp: 388048
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 20.1 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.26 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

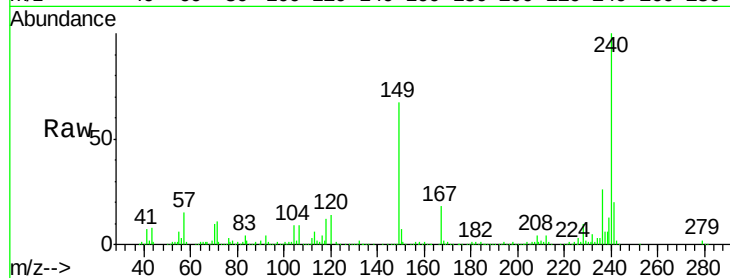
Tgt Ion:149 Resp: 284318

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

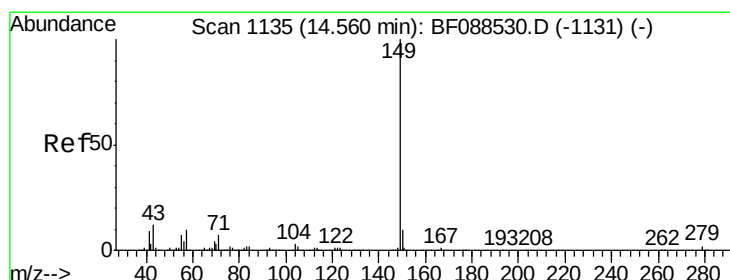
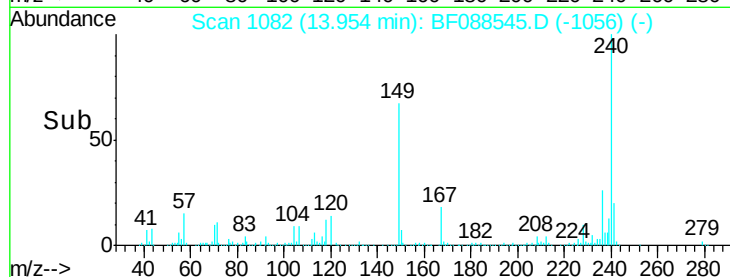
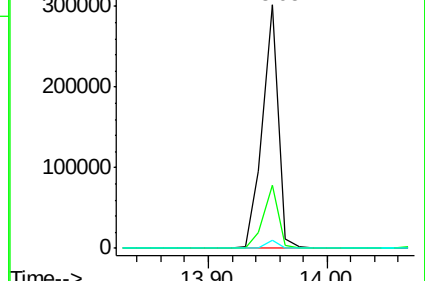
279 3.1 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 16.88 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

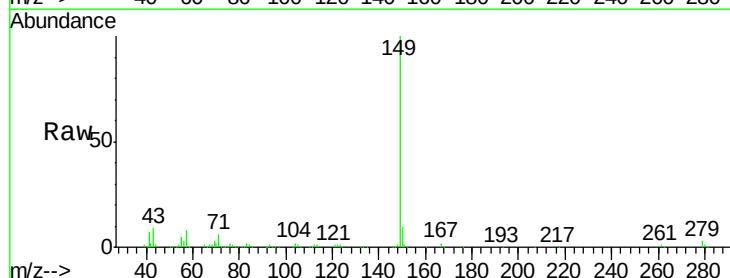
Tgt Ion:149 Resp: 501247

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

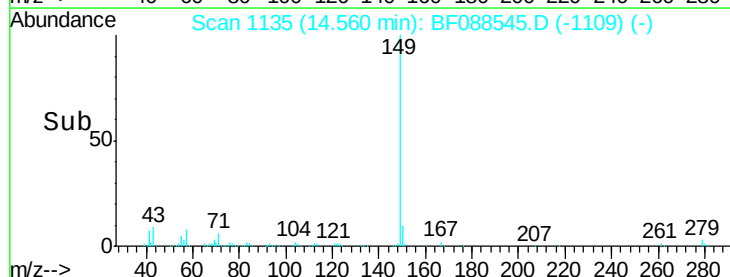
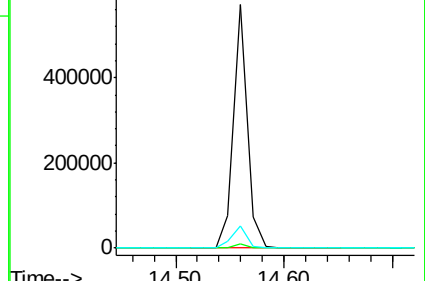
43 10.4 0.0 0.0#

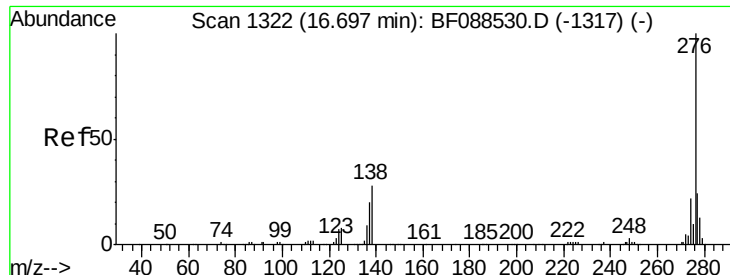


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

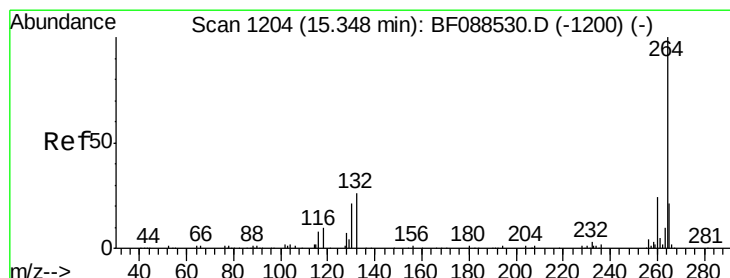
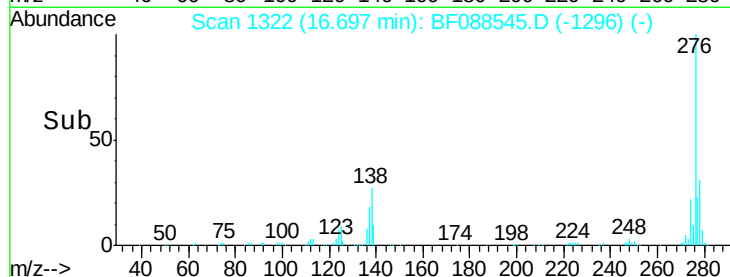
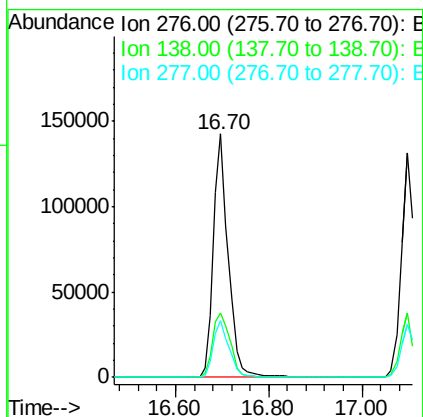
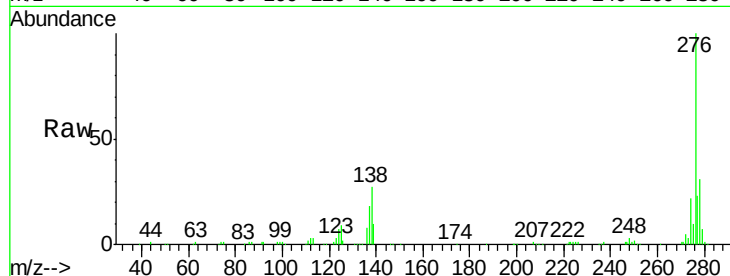




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.01 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

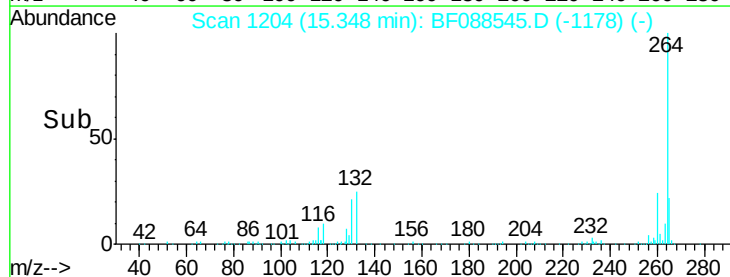
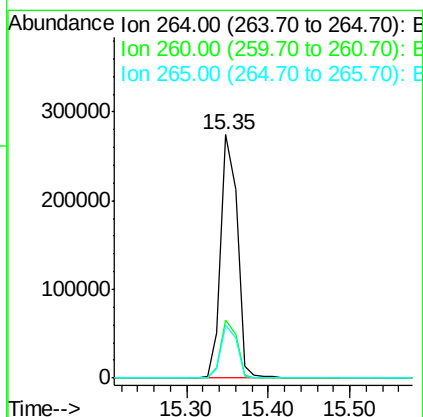
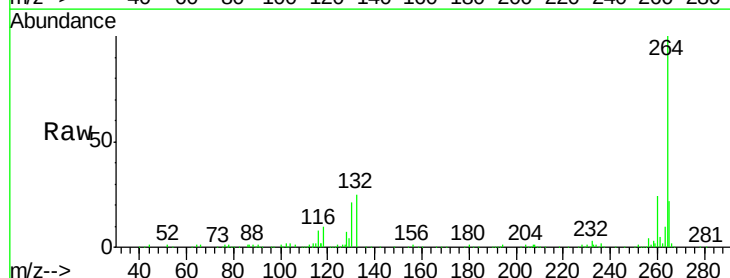
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

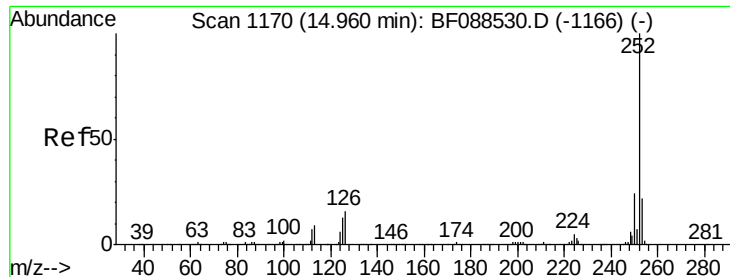
Tgt Ion: 276 Resp: 317710
 Ion Ratio Lower Upper
 276 100
 138 31.1 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088545.D
 Acq: 30 Jun 2016 22:54

Tgt Ion: 264 Resp: 385958
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 31.28 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.02 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

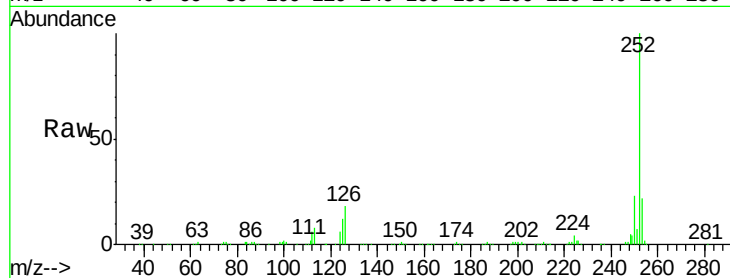
Tgt Ion:252 Resp: 757440

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

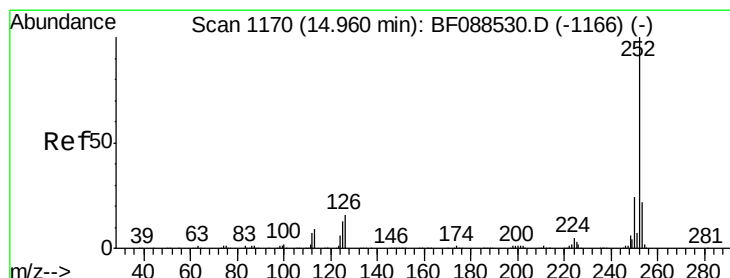
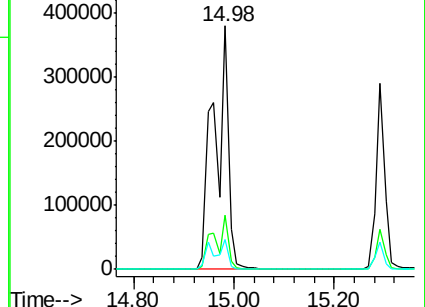
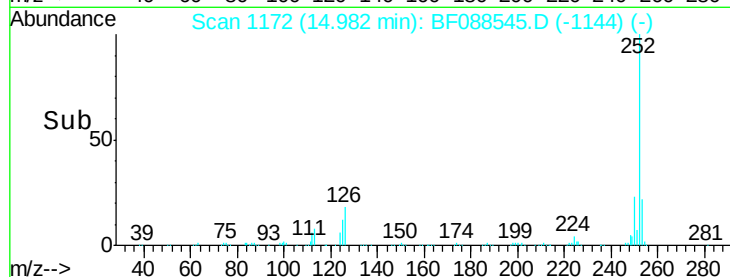
125 12.5 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.93 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

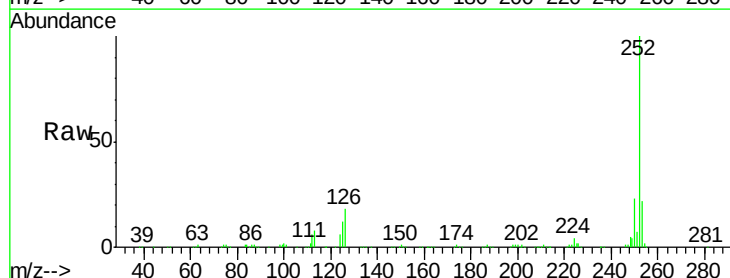
Tgt Ion:252 Resp: 757407

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

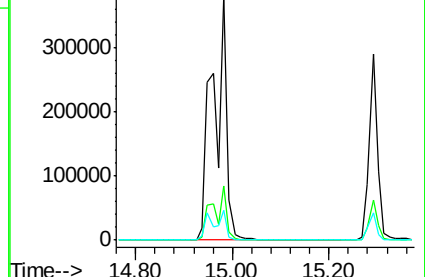
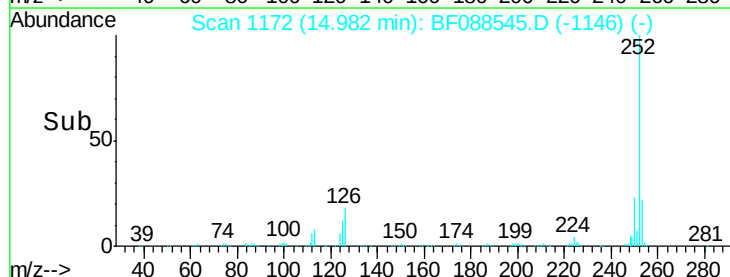
125 12.5 11.2 16.8

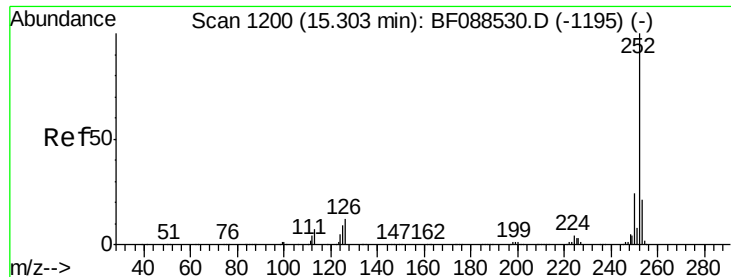


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.21 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

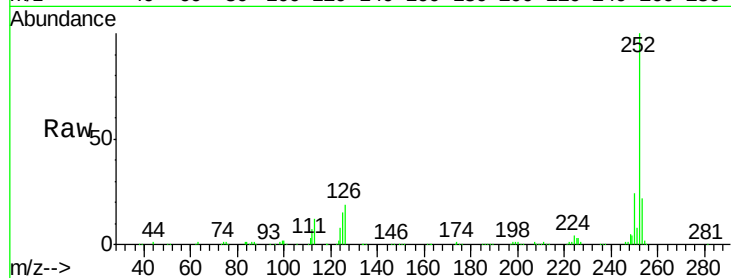
Tgt Ion:252 Resp: 352871

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

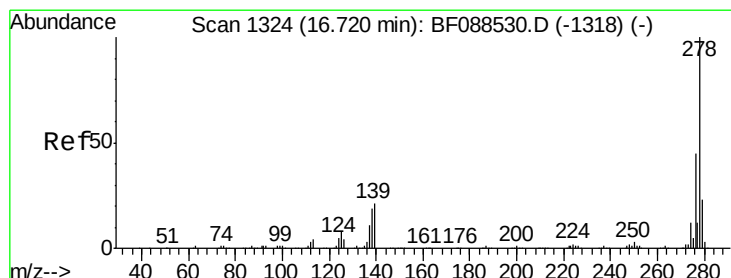
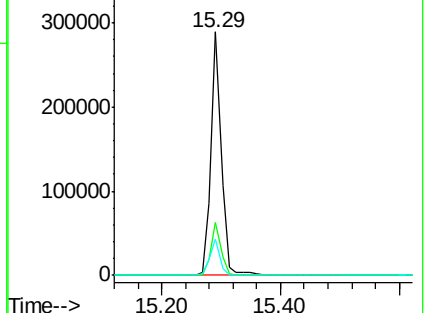
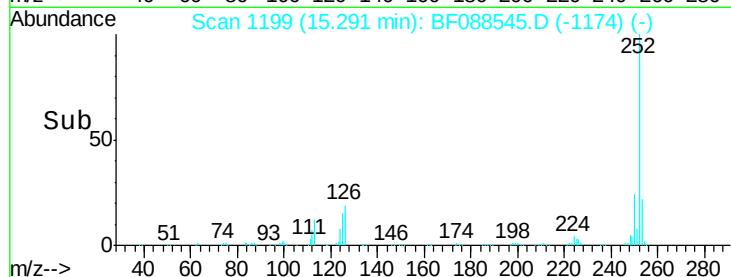
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 15.48 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

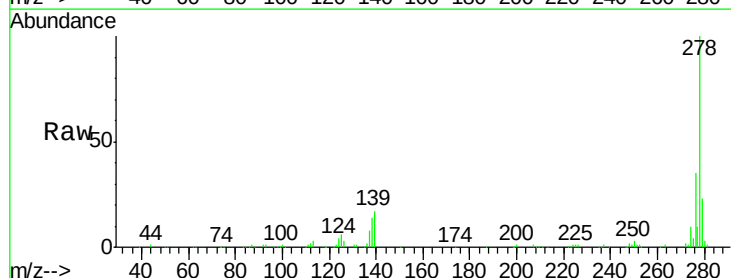
Tgt Ion:278 Resp: 264941

Ion Ratio Lower Upper

278 100

139 16.5 15.7 23.5

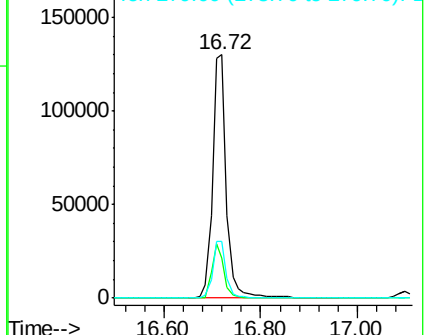
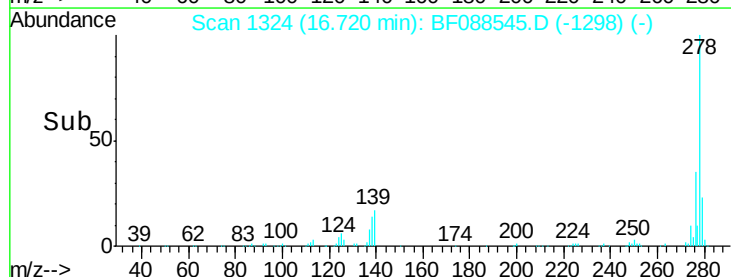
279 23.3 19.4 29.2

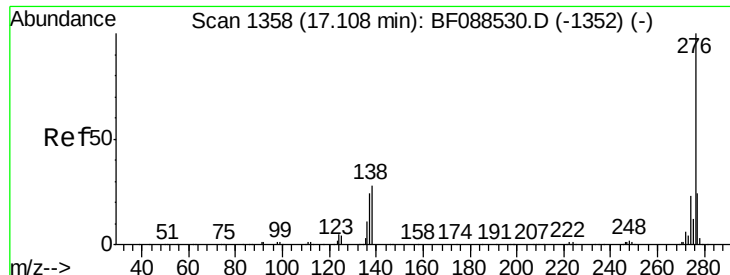


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 14.62 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088545.D

Acq: 30 Jun 2016 22:54

Instrument :

BNA_F

ClientSampleId :

PB91702BS

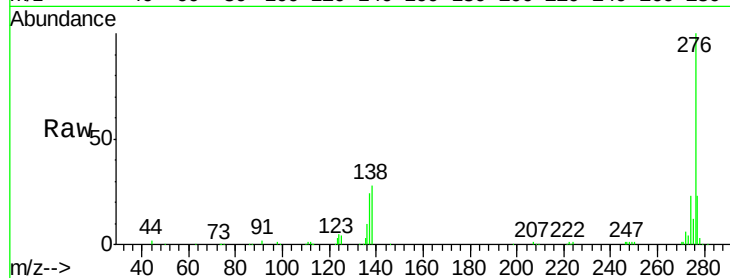
Tgt Ion: 276 Resp: 258885

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 28.5 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

