

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088543.D
 Acq On : 30 Jun 2016 21:56
 Operator : UM/SJ
 Sample : PB91726BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Quant Time: Jul 01 01:31:00 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	132345	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	574513	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	263756	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	476796	20.00	ng	0.00
75) Chrysene-d12	13.95	240	362032	20.00	ng	0.00
86) Perylene-d12	15.35	264	355552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1047084	118.57	ng	0.01
7) Phenol-d6	6.44	99	1341802	117.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	921198	84.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	304871	124.48	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1213162	72.65	ng	0.00
78) Terphenyl-d14	12.91	244	1149747	70.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	140418	32.07	ng	# 29
3) Pyridine	3.16	79	218919	17.23	ng	94
4) n-Nitrosodimethylamine	3.11	42	98719	20.34	ng	93
6) Aniline	6.47	93	276384	16.62	ng	# 87
8) 2-Chlorophenol	6.59	128	188044	19.81	ng	# 81
9) Benzaldehyde	6.35	77	142116	18.39	ng	84
10) Phenol	6.46	94	206656	15.87	ng	# 68
11) bis(2-Chloroethyl)ether	6.55	93	200207	20.62	ng	98
12) 1,3-Dichlorobenzene	6.75	146	215703	20.65	ng	98
13) 1,4-Dichlorobenzene	6.83	146	226585	21.86	ng	99
14) 1,2-Dichlorobenzene	6.83	146	226585	23.35	ng	95
15) Benzyl Alcohol	6.96	79	191137	22.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	282865	20.11	ng	95
17) 2-Methylphenol	7.07	107	180001	23.25	ng	96
18) Hexachloroethane	7.32	117	82667	20.62	ng	# 80
19) n-Nitroso-di-n-propylamine	7.23	70	172324	22.48	ng	91
20) 3+4-Methylphenols	7.22	107	223602	24.06	ng	# 79
22) Acetophenone	7.22	105	286216	20.53	ng	# 83
24) Nitrobenzene	7.39	77	223930	20.26	ng	# 80
25) Isophorone	7.63	82	416344	20.50	ng	# 93
26) 2-Nitrophenol	7.71	139	100972	22.28	ng	95
27) 2,4-Dimethylphenol	7.76	122	211071	22.36	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	265971	20.13	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	175469	23.00	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	182565	21.80	ng	97
31) Naphthalene	8.12	128	615218	21.72	ng	98
32) Benzoic acid	7.85	122	109341	15.95	ng	92
33) 4-Chloroaniline	8.17	127	178264	14.15	ng	# 94
34) Hexachlorobutadiene	8.25	225	92846	20.71	ng	98
35) Caprolactam	8.51	113	19437	7.50	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	204210	22.63	ng	97
37) 2-Methylnaphthalene	8.91	142	382936	21.00	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	161456	18.40	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	275625	64.01	ng	99

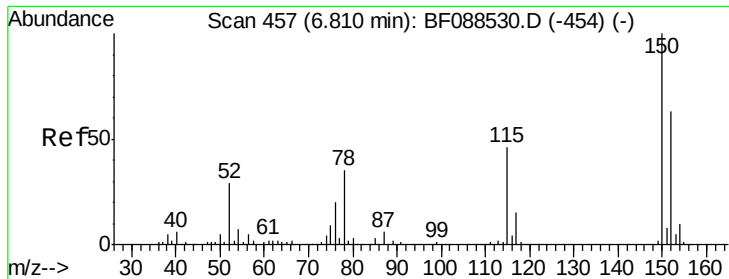
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	114649	19.82	ng	95
43) 2,4,5-Trichlorophenol	9.12	196	115375	23.18	ng #	84
45) 1,1'-Biphenyl	9.28	154	494236	22.63	ng	97
46) 2-Chloronaphthalene	9.30	162	380563	22.20	ng	95
47) 2-Nitroaniline	9.38	65	122084	20.06	ng #	85
48) Acenaphthylene	9.71	152	621613	22.78	ng	99
49) Dimethylphthalate	9.58	163	440707	23.45	ng	100
50) 2,6-Dinitrotoluene	9.63	165	104119	25.00	ng #	73
51) Acenaphthene	9.88	154	444521	26.58	ng	99
52) 3-Nitroaniline	9.79	138	75216	14.21	ng	83
53) 2,4-Dinitrophenol	9.91	184	135424	73.65	ng #	72
54) Dibenzofuran	10.06	168	551391	25.19	ng	94
55) 4-Nitrophenol	9.95	139	244853	60.86	ng	93
56) 2,4-Dinitrotoluene	10.03	165	142523	26.17	ng #	71
57) Fluorene	10.40	166	412016	24.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	105030	27.28	ng #	55
59) Diethylphthalate	10.27	149	436153	23.13	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	167313	21.35	ng	91
61) 4-Nitroaniline	10.41	138	109986	21.59	ng	100
62) Azobenzene	10.55	77	512027	23.80	ng	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	51680	20.27	ng	90
65) n-Nitrosodiphenylamine	10.51	169	369322	22.89	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	114058	23.74	ng #	92
67) Hexachlorobenzene	10.94	284	113835	21.40	ng #	89
68) Atrazine	11.04	200	119290	23.72	ng	98
69) Pentachlorophenol	11.13	266	194305	61.73	ng	96
70) Phenanthrene	11.35	178	581126	22.30	ng	100
71) Anthracene	11.40	178	653315	25.21	ng	98
72) Carbazole	11.55	167	579512	23.76	ng	100
73) Di-n-butylphthalate	11.90	149	656715	23.15	ng	99
74) Fluoranthene	12.54	202	642324	24.31	ng	95
76) Benzidine	12.66	184	570515	31.18	ng	99
77) Pyrene	12.75	202	614772	20.03	ng	100
79) Butylbenzylphthalate	13.38	149	272706	19.92	ng #	62
80) Benzo(a)anthracene	13.94	228	536547	23.02	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	116361	13.28	ng #	97
82) Chrysene	13.98	228	462522	20.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	353312	22.60	ng #	100
84) Di-n-octyl phthalate	14.56	149	629709	23.71	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	402594	22.69	ng #	100
87) Benzo(b)fluoranthene	14.98	252	931920	41.78	ng #	95
88) Benzo(k)fluoranthene	14.98	252	931933	48.00	ng	100
89) Benzo(a)pyrene	15.29	252	440253	23.31	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	329605	20.90	ng	97
91) Benzo(g,h,i)perylene	17.10	276	324020	19.86	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: BF088543.D

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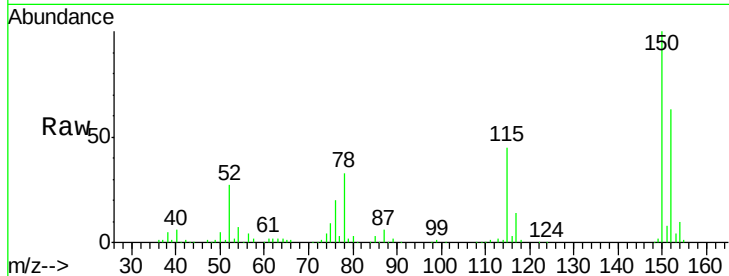
Tgt Ion:152 Resp: 132345

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

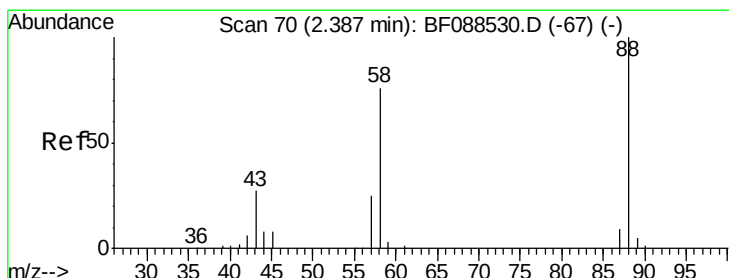
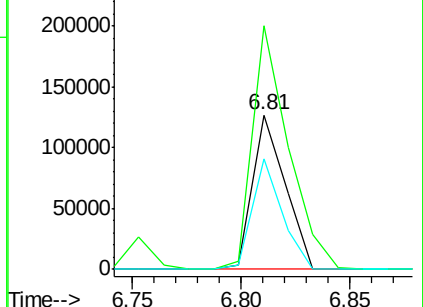
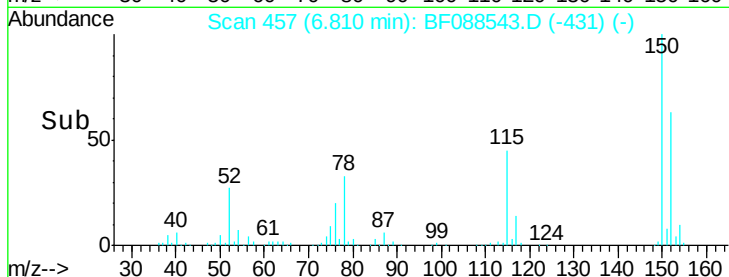
115 71.8 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.07 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

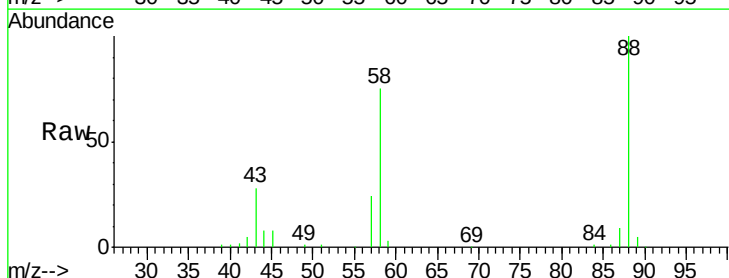
Tgt Ion: 88 Resp: 140418

Ion Ratio Lower Upper

88 100

58 73.7 0.0 0.0#

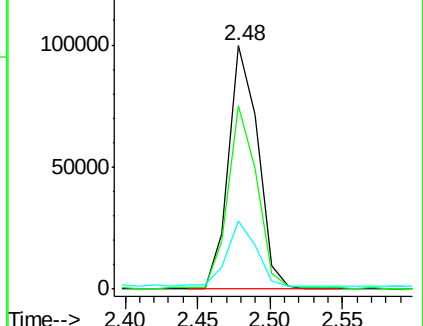
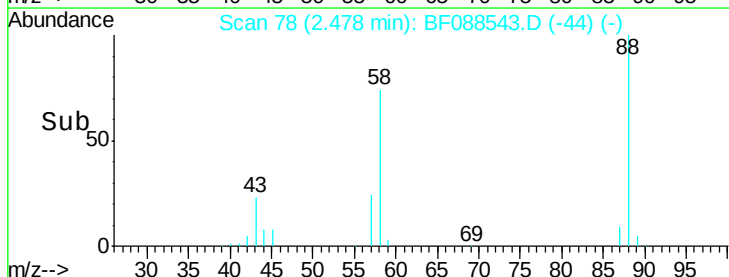
43 27.7 3.4 5.2#

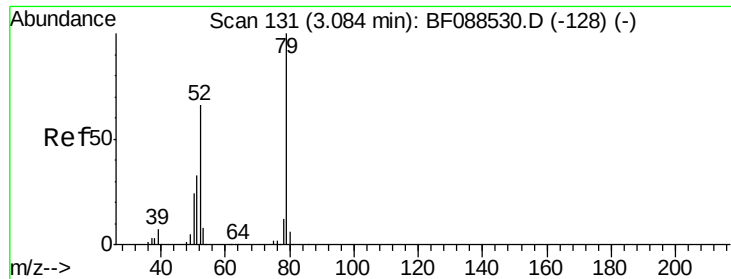


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 17.23 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.08 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

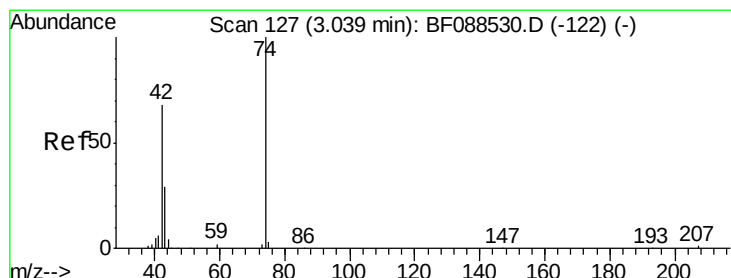
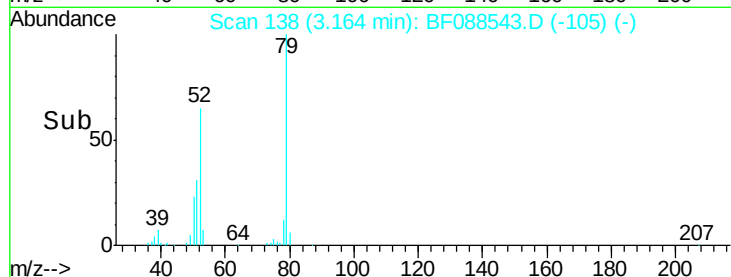
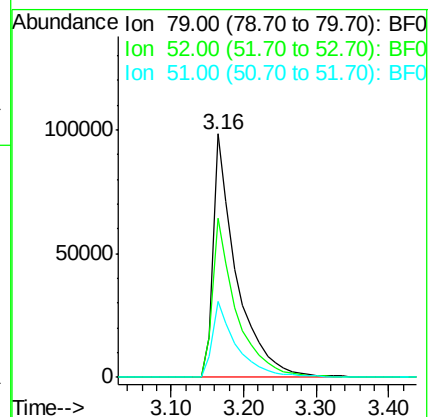
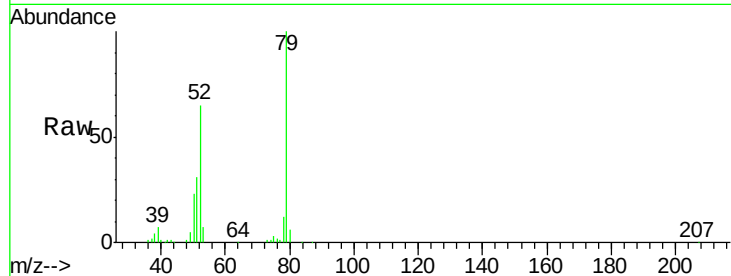
Tgt Ion: 79 Resp: 218919

Ion Ratio Lower Upper

79 100

52 65.3 56.3 84.5

51 31.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 20.34 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.07 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

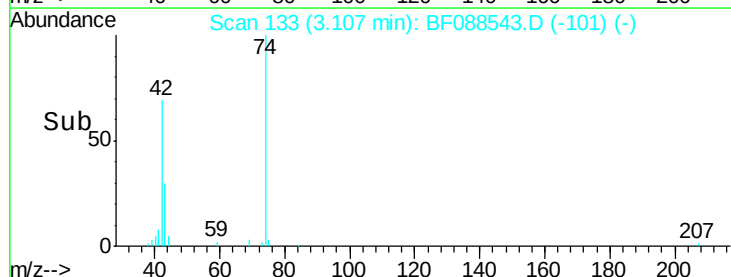
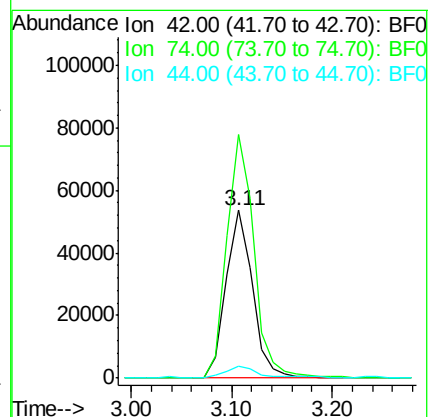
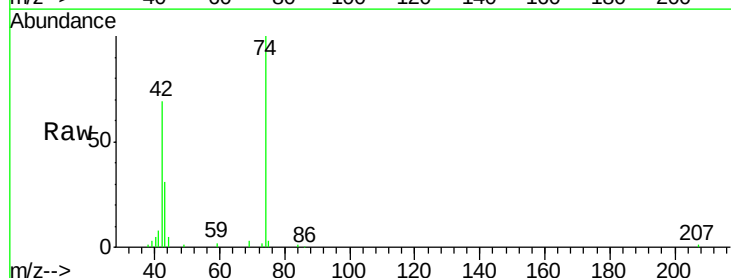
Tgt Ion: 42 Resp: 98719

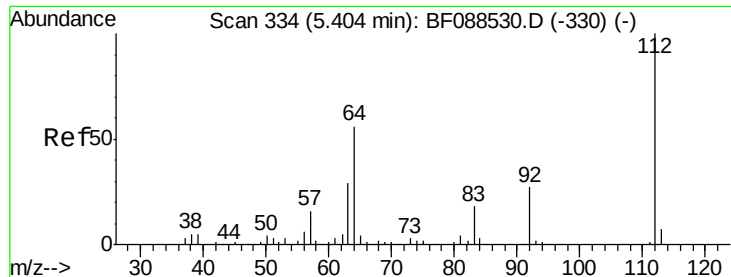
Ion Ratio Lower Upper

42 100

74 145.0 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 118.57 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

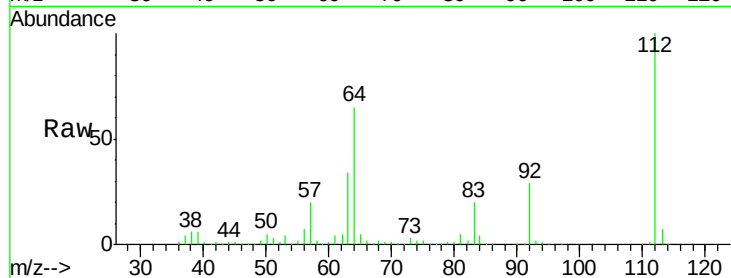
Tgt Ion: 112 Resp: 1047084

Ion Ratio Lower Upper

112 100

64 65.2 42.2 63.2#

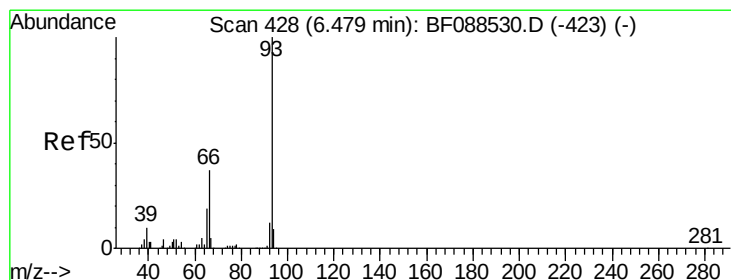
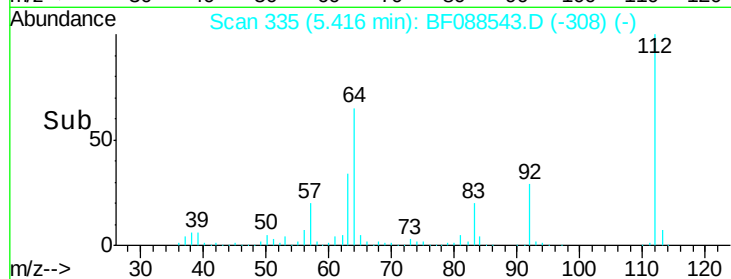
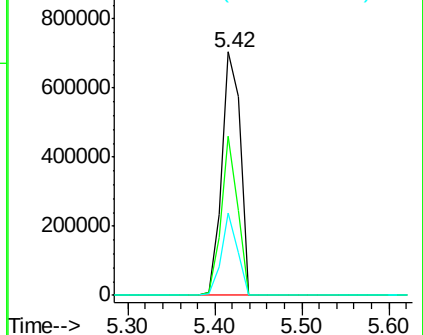
63 33.6 21.8 32.8#



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: 16.62 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

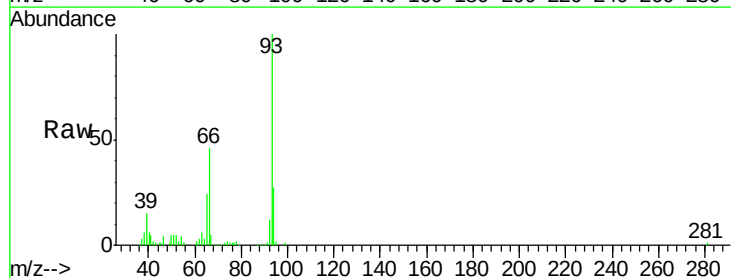
Tgt Ion: 93 Resp: 276384

Ion Ratio Lower Upper

93 100

66 45.6 29.8 44.8#

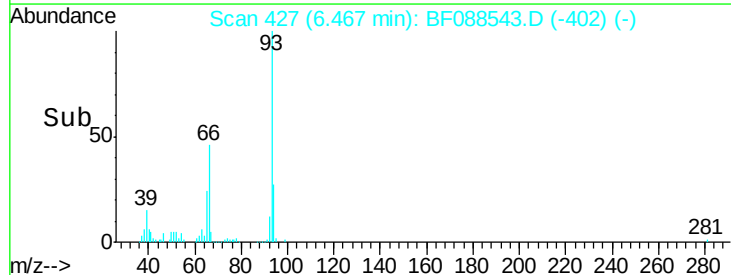
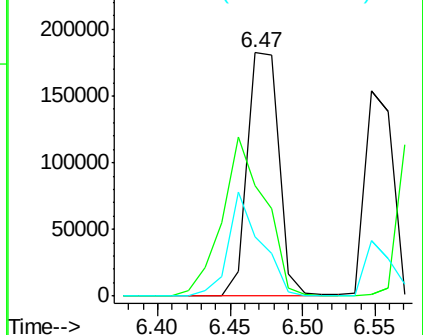
65 24.1 14.9 22.3#

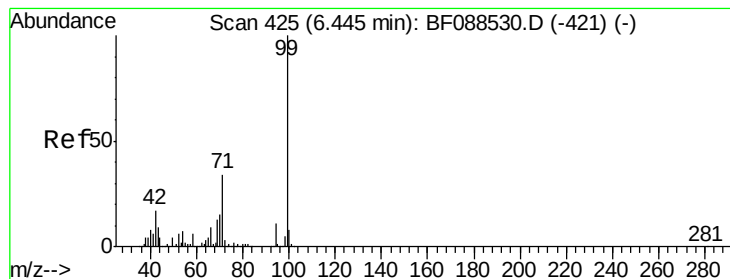


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.60 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

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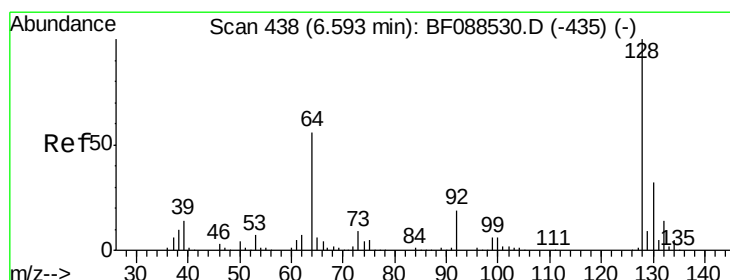
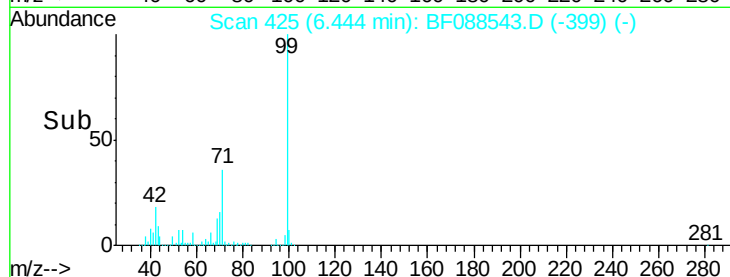
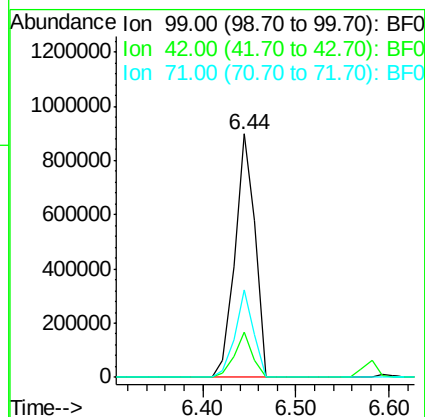
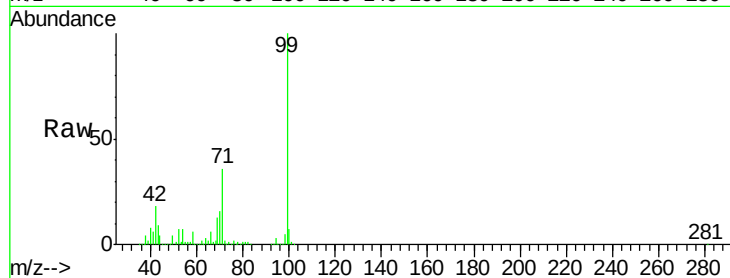
Tgt Ion: 99 Resp: 1341802

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 36.0 23.4 35.0#



#8

2-Chlorophenol

Concen: 19.81 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

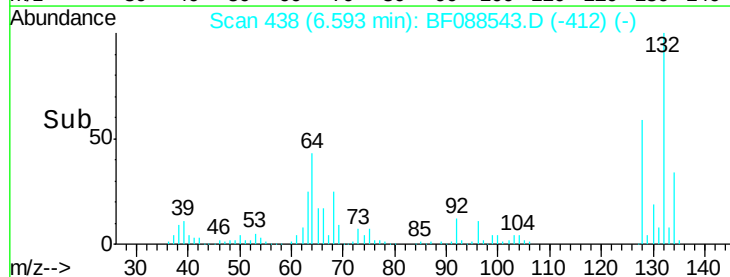
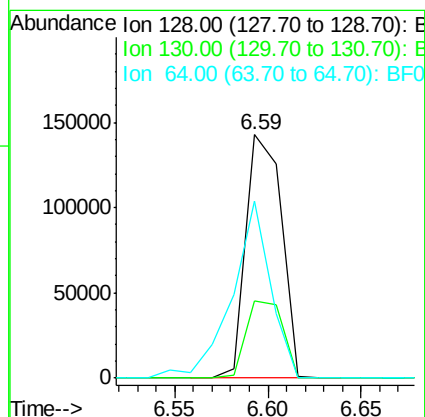
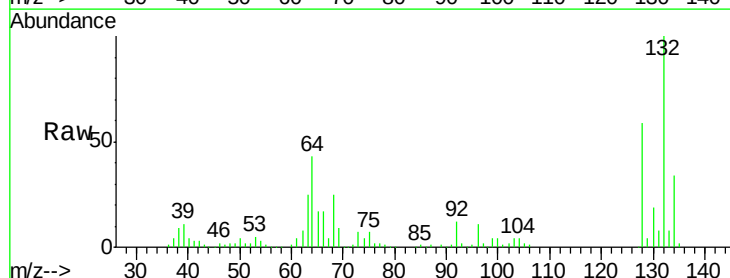
Tgt Ion: 128 Resp: 188044

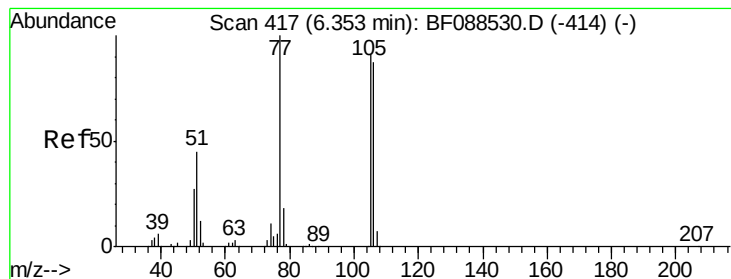
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 72.5 30.8 70.8#





#9

Benzaldehyde

Concen: 18.39 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

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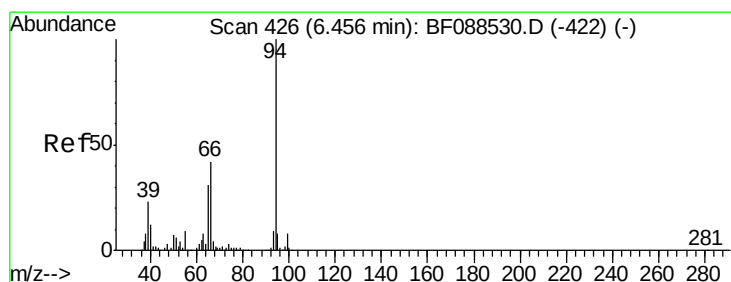
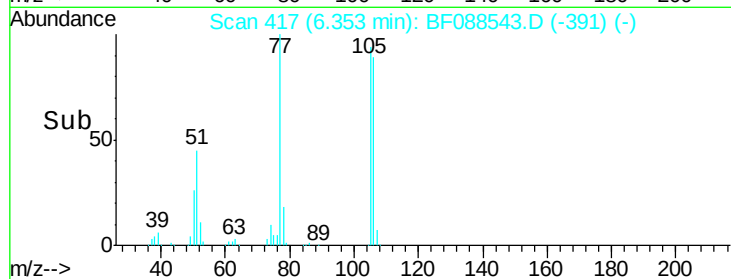
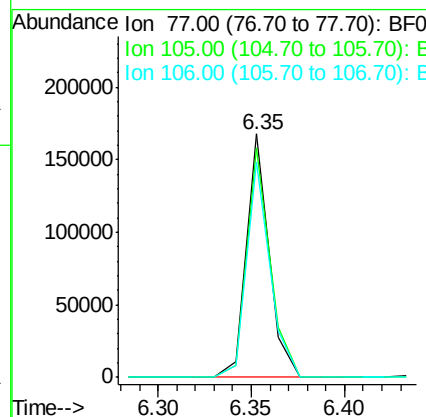
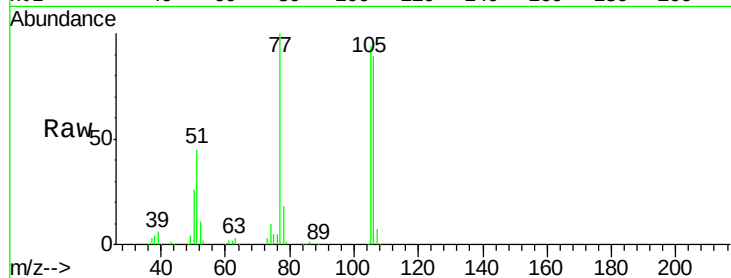
Tgt Ion: 77 Resp: 142116

Ion Ratio Lower Upper

77 100

105 94.2 90.6 130.6

106 88.6 85.3 125.3



#10

Phenol

Concen: 15.87 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

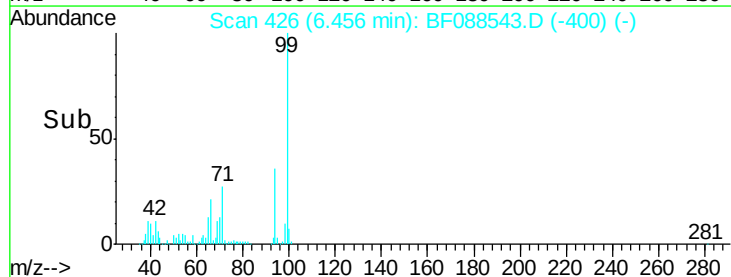
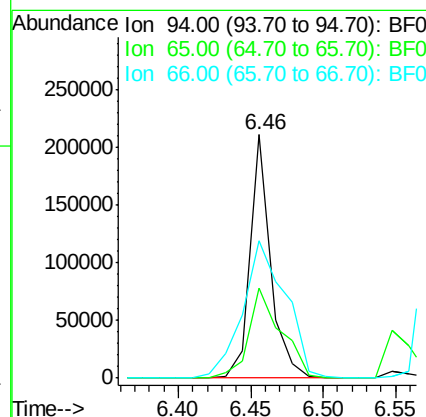
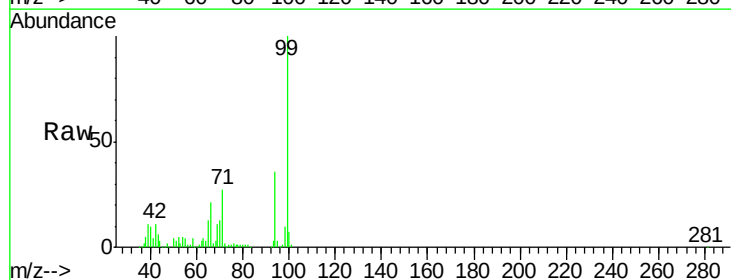
Tgt Ion: 94 Resp: 206656

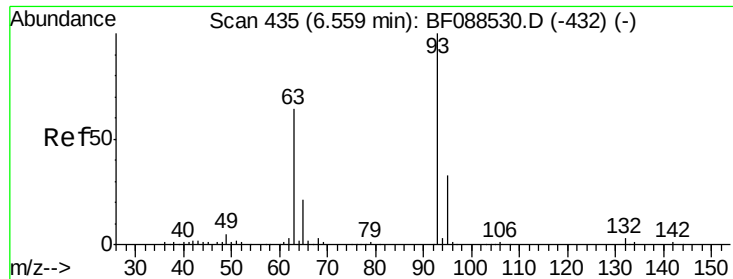
Ion Ratio Lower Upper

94 100

65 36.9 5.9 45.9

66 56.5 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 20.62 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

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PB91726BS

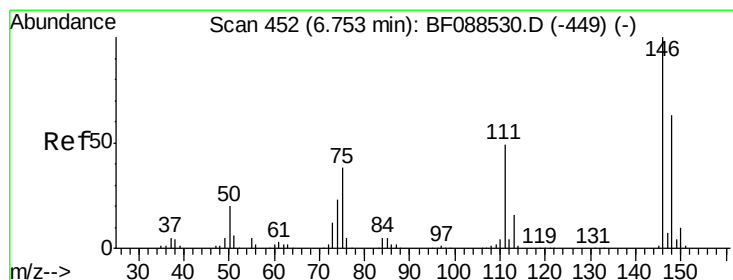
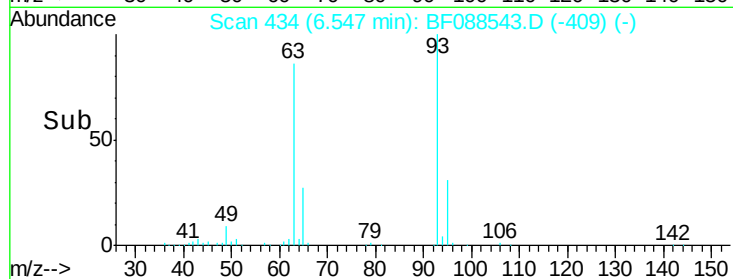
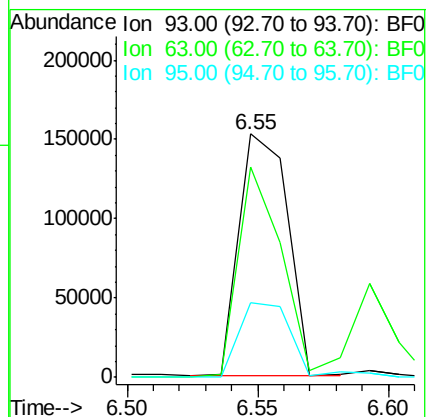
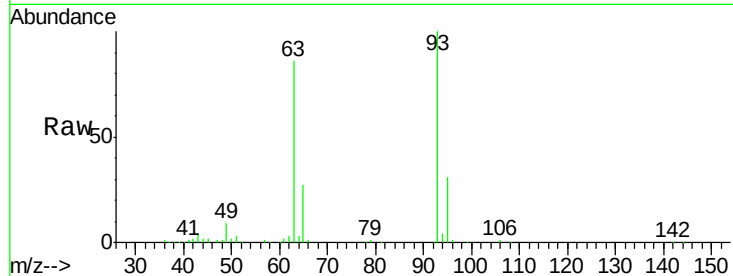
Tgt Ion: 93 Resp: 200207

Ion Ratio Lower Upper

93 100

63 86.2 67.6 107.6

95 30.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 20.65 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

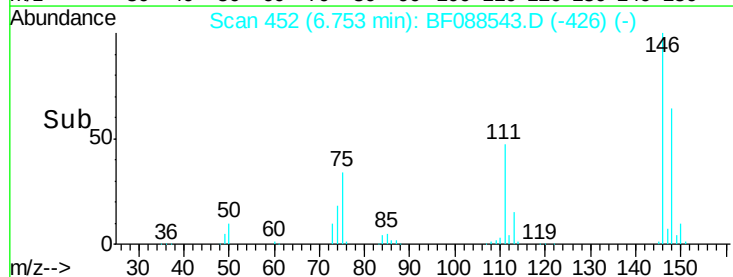
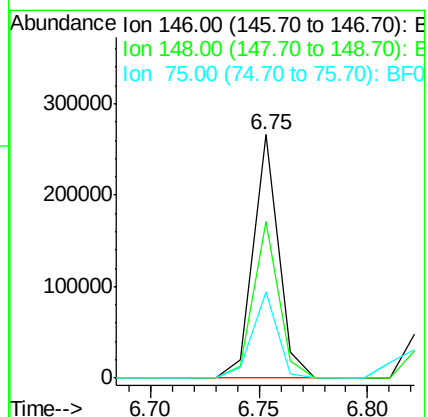
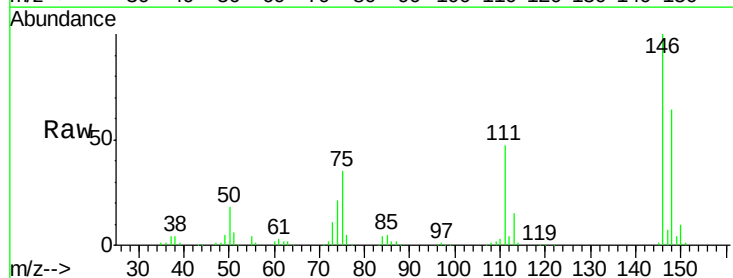
Tgt Ion: 146 Resp: 215703

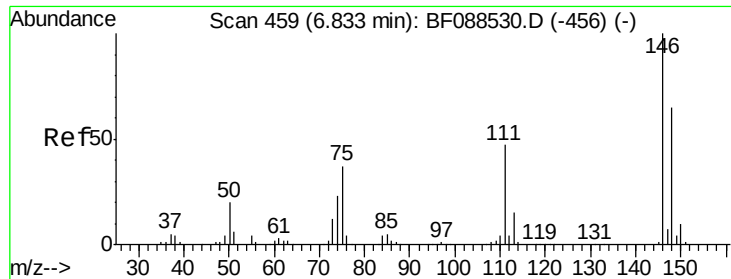
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 35.2 25.6 38.4

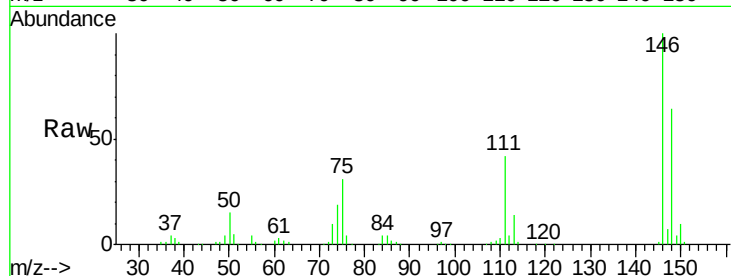




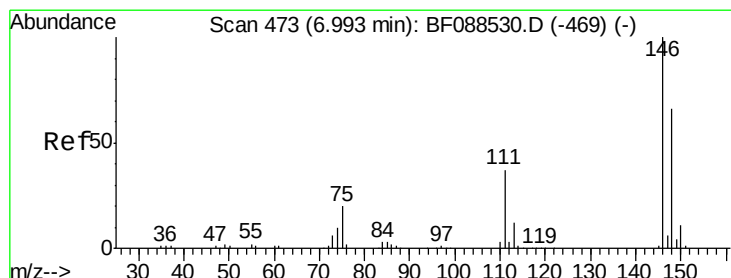
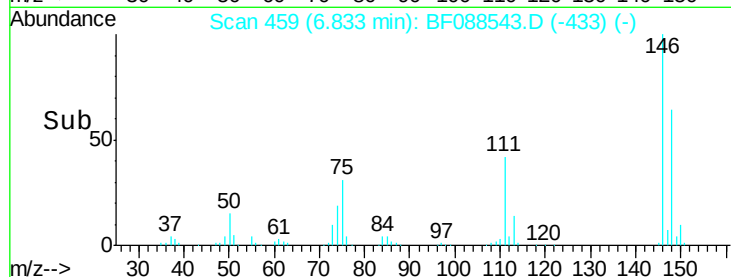
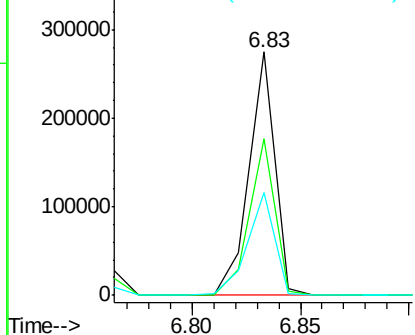
#13
 1,4-Dichlorobenzene
 Concen: 21.86 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:146 Resp: 226585
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 42.3 33.8 50.8

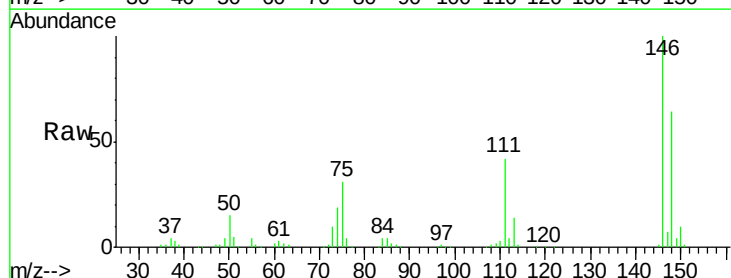


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

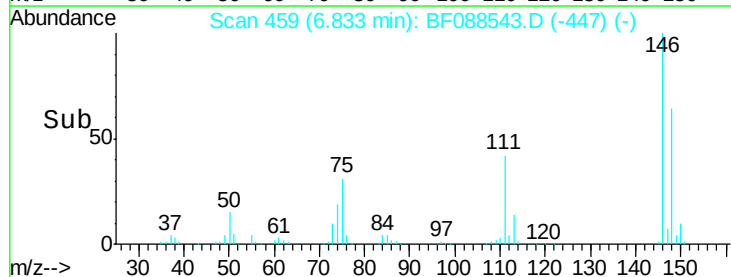
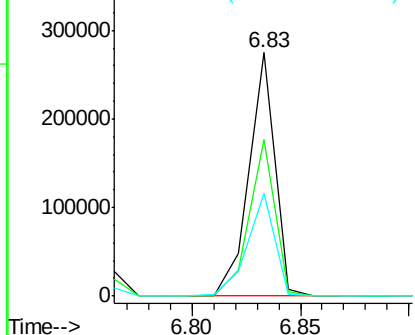


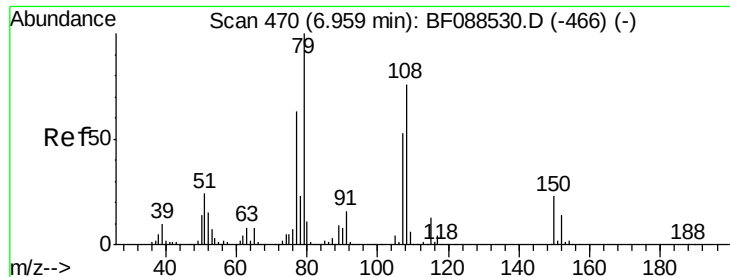
#14
 1,2-Dichlorobenzene
 Concen: 23.35 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.16 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:146 Resp: 226585
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 42.3 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.76 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

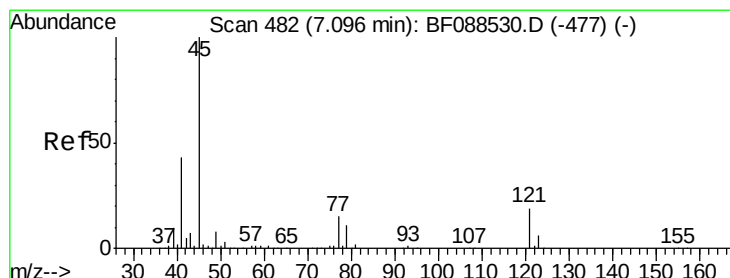
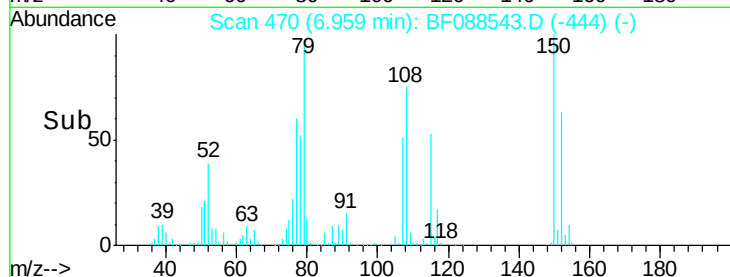
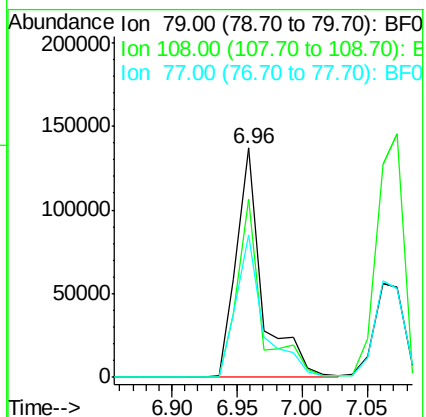
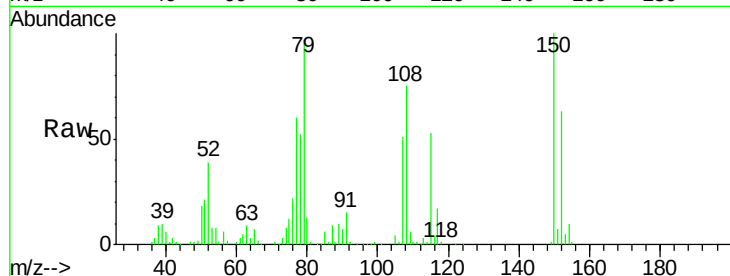
Tgt Ion: 79 Resp: 191137

Ion Ratio Lower Upper

79 100

108 77.9 65.0 97.6

77 62.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.11 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

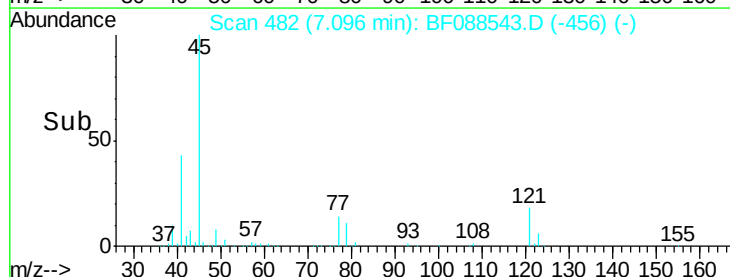
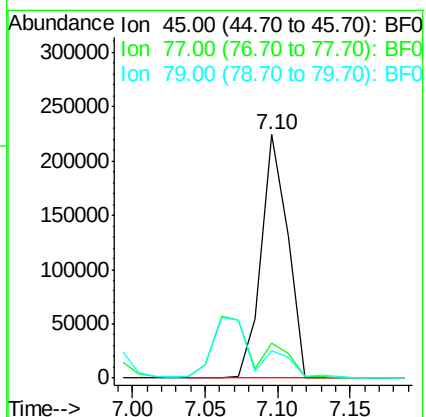
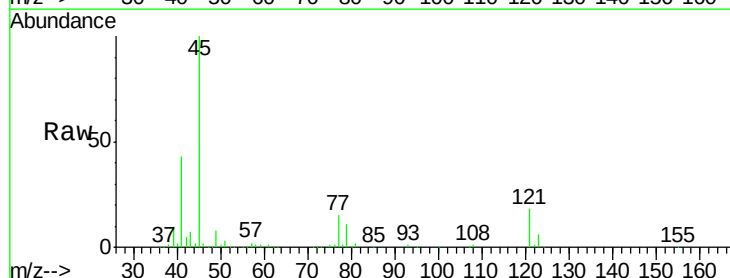
Tgt Ion: 45 Resp: 282865

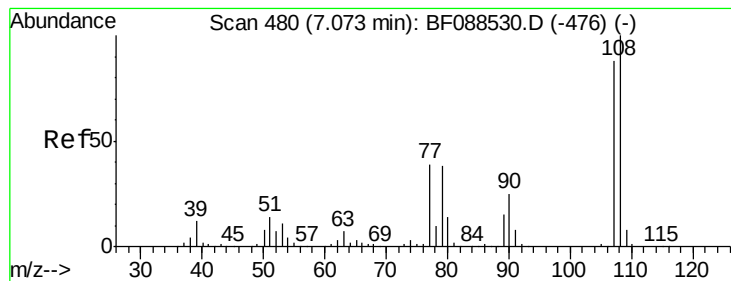
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.5

79 11.3 0.0 29.5

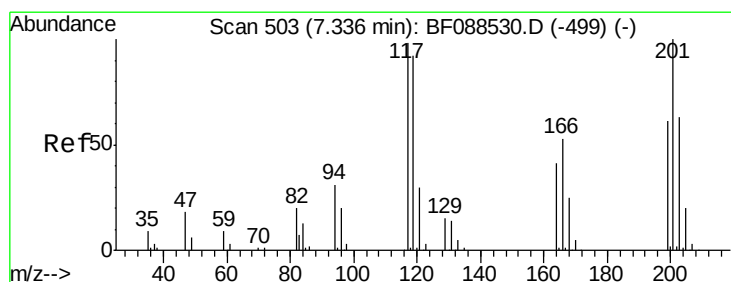
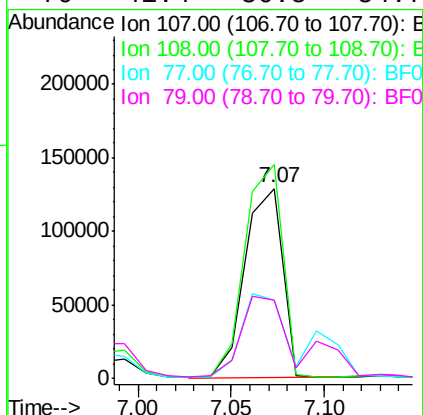
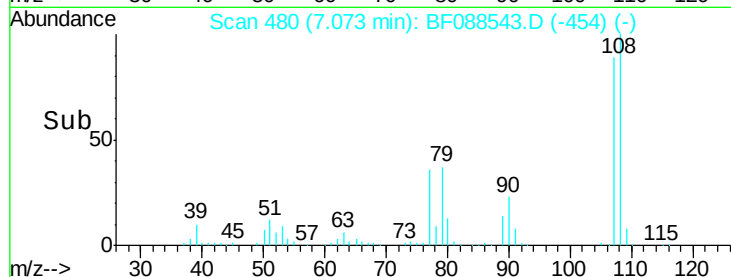
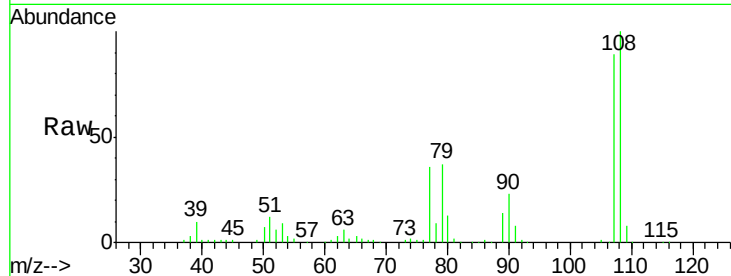




#17
2-Methylphenol
Concen: 23.25 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

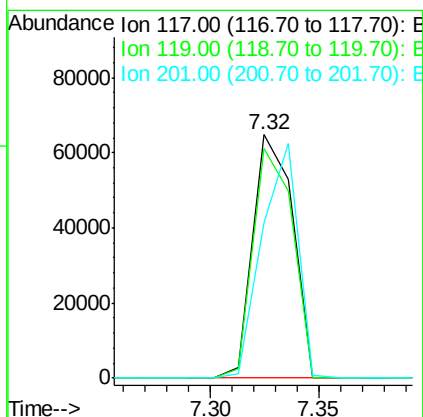
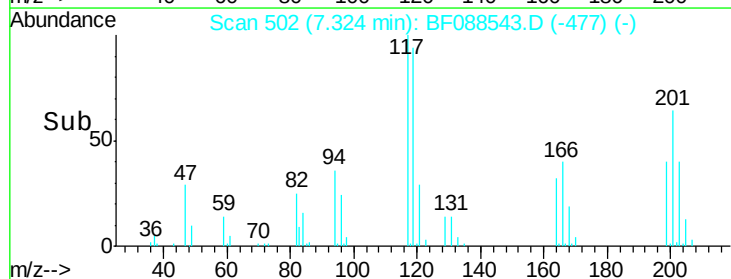
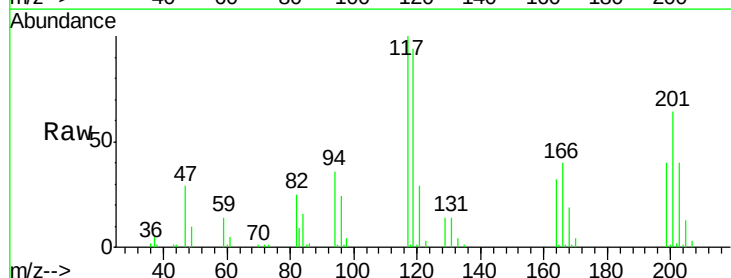
Instrument :
BNA_F
ClientSampleId :
PB91726BS

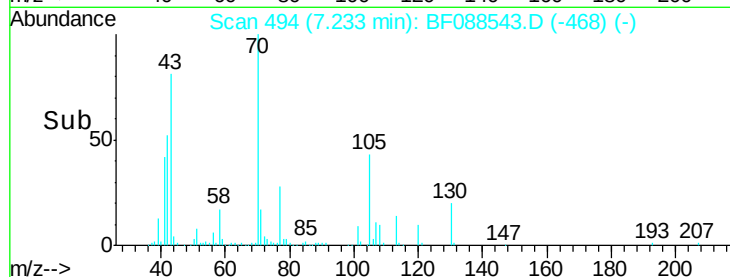
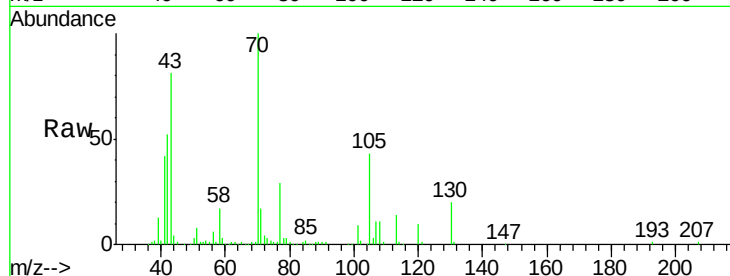
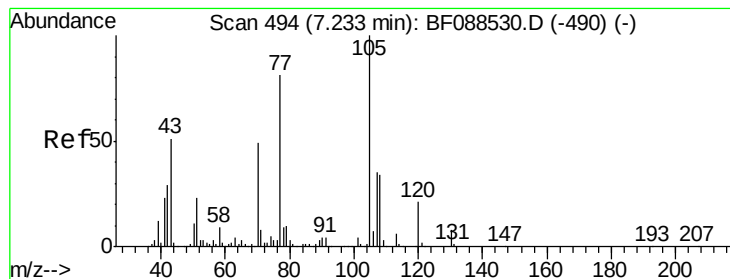
Tgt Ion:	107	Resp:	180001
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	41.0	36.6	55.0
79	41.4	36.5	54.7



#18
Hexachloroethane
Concen: 20.62 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:	117	Resp:	82667
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.2
201	63.7	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 22.48 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion: 70 Resp: 172324

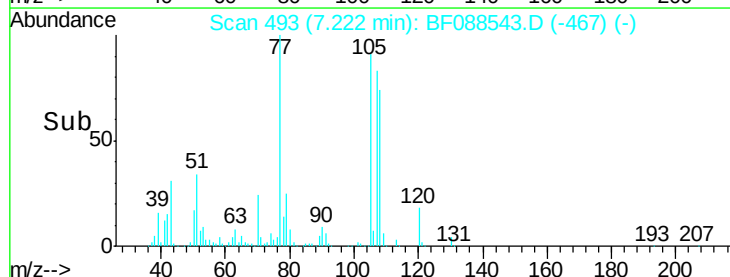
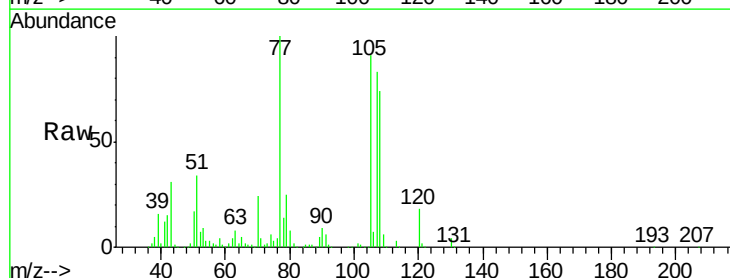
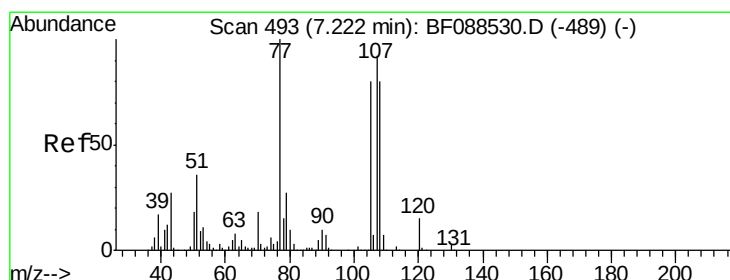
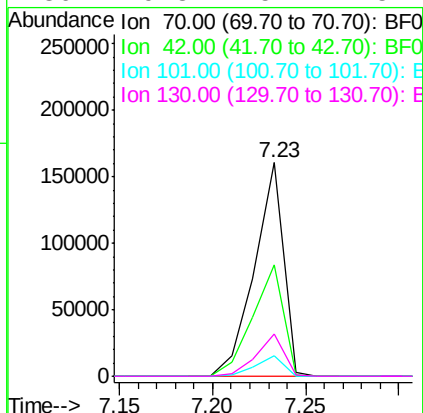
Ion Ratio Lower Upper

70 100

42 52.0 49.6 74.4

101 9.4 7.1 10.7

130 19.8 15.4 23.2



#20

3+4-Methylphenols

Concen: 24.06 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion: 107 Resp: 223602

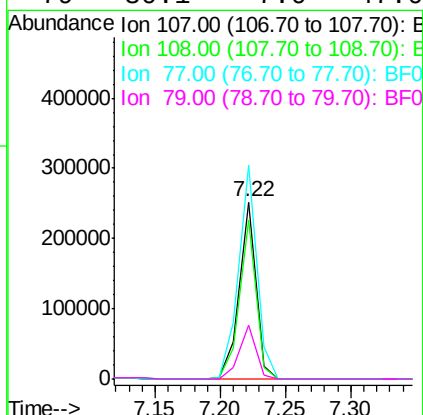
Ion Ratio Lower Upper

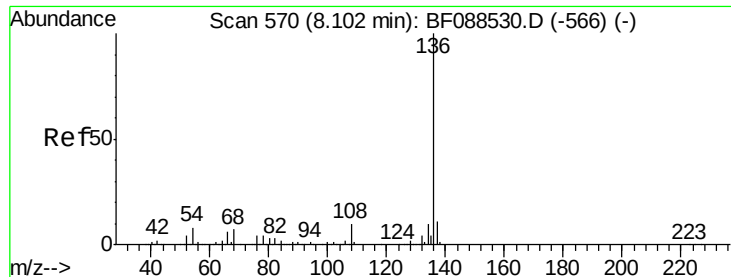
107 100

108 89.6 67.8 107.8

77 120.8 59.3 99.3#

79 30.1 7.0 47.0

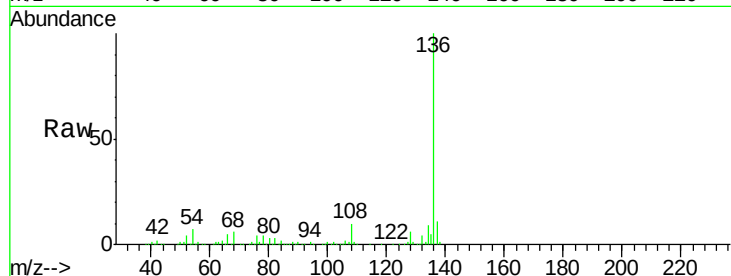




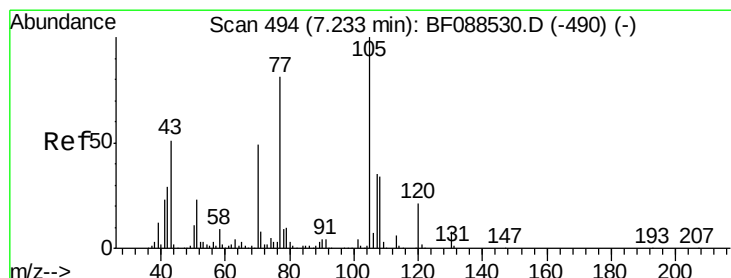
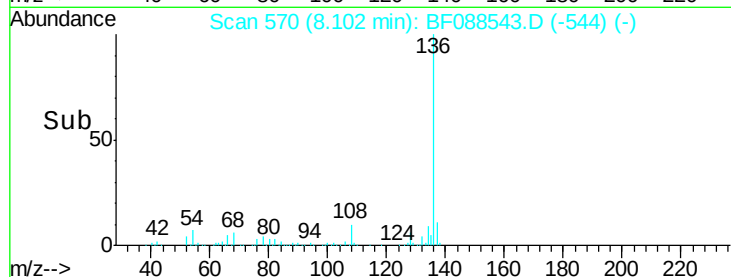
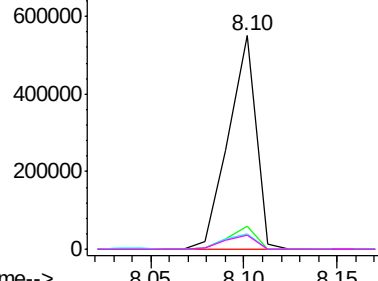
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:	136	Resp:	574513
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.1	6.6	10.0
68	6.4	5.1	7.7

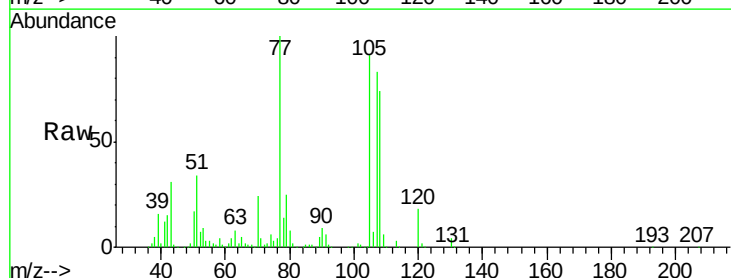


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

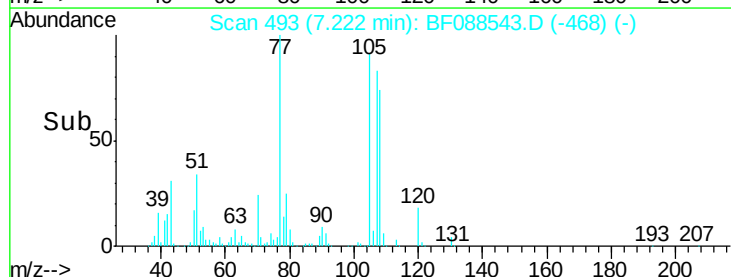
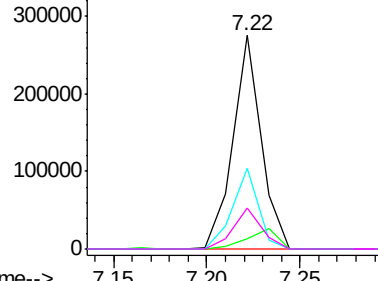


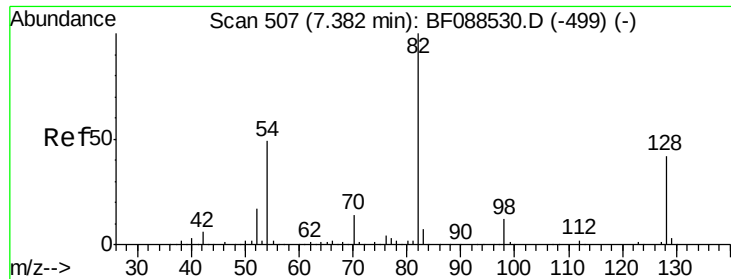
#22
Acetophenone
Concen: 20.53 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:	105	Resp:	286216
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.3	7.9#
51	37.6	18.2	27.4#
120	19.4	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

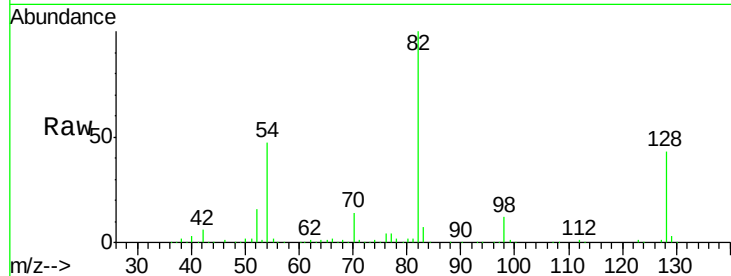




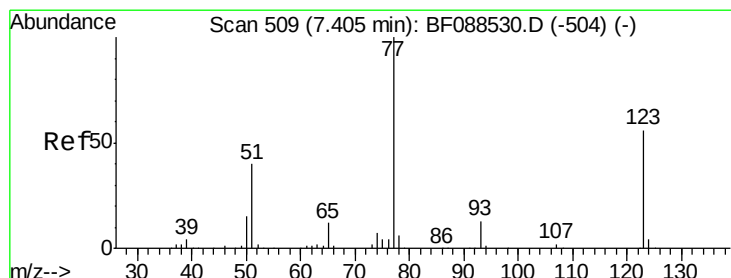
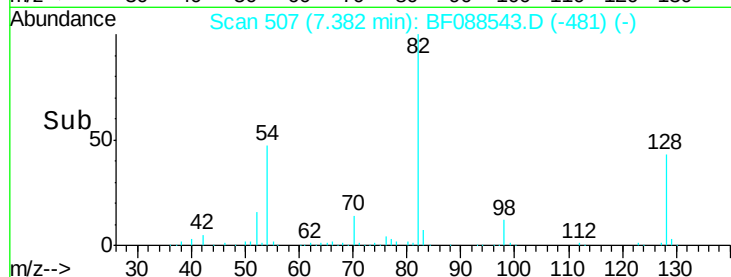
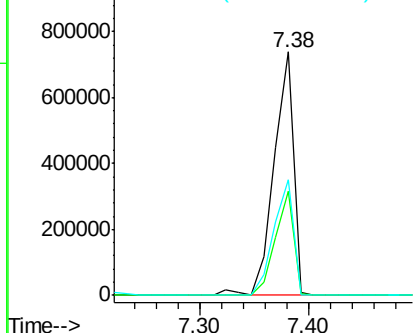
#23
 Nitrobenzene-d5
 Concen: 84.03 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	47.2	40.9	61.3

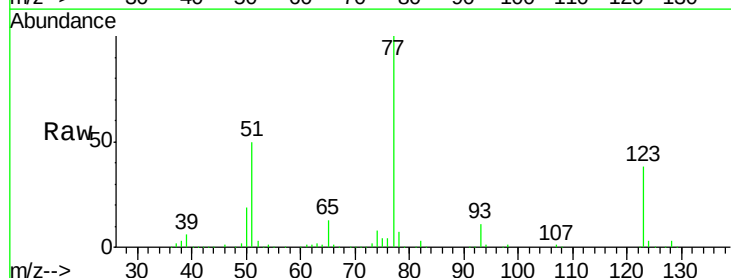


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

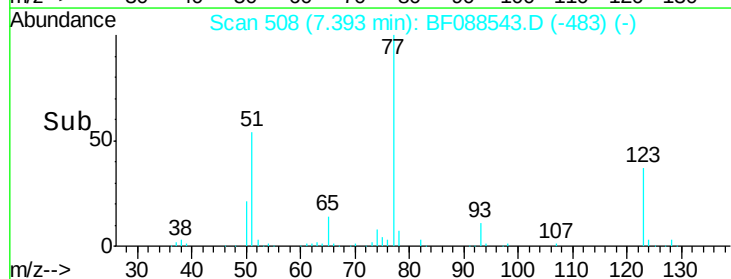
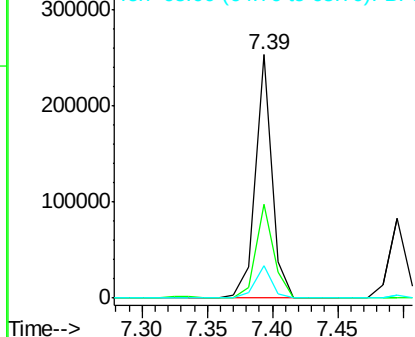


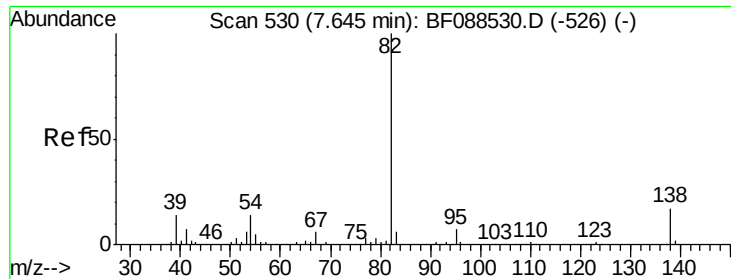
#24
 Nitrobenzene
 Concen: 20.26 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	45.0	67.4#
65	13.2	10.2	15.2



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





#25

Isophorone

Concen: 20.50 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

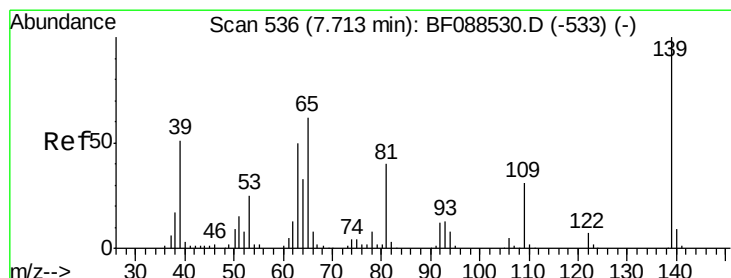
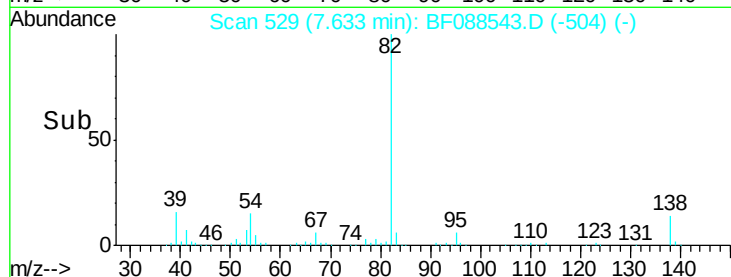
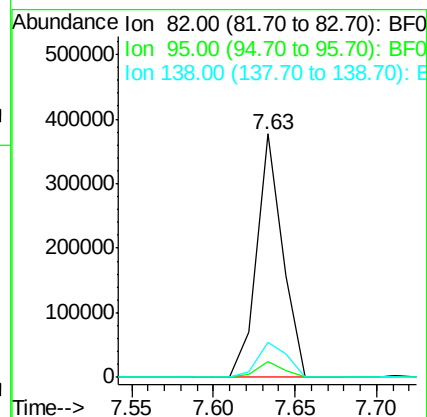
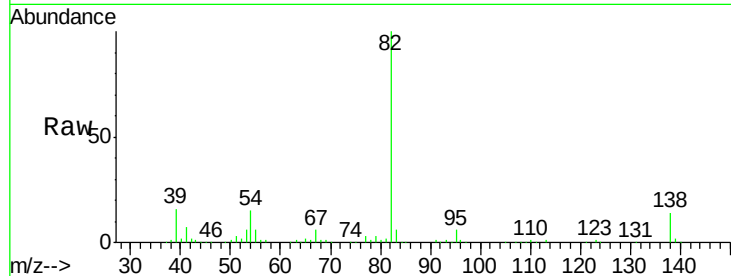
Tgt Ion: 82 Resp: 416344

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

138 14.4 14.6 21.8#



#26

2-Nitrophenol

Concen: 22.28 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

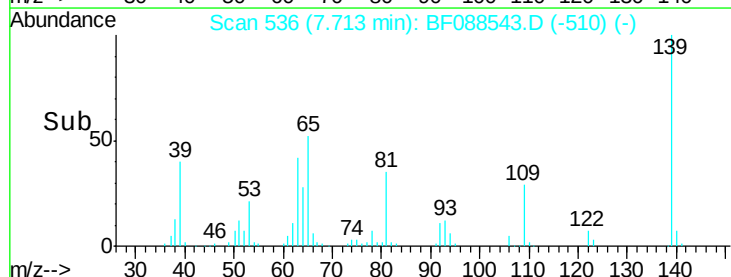
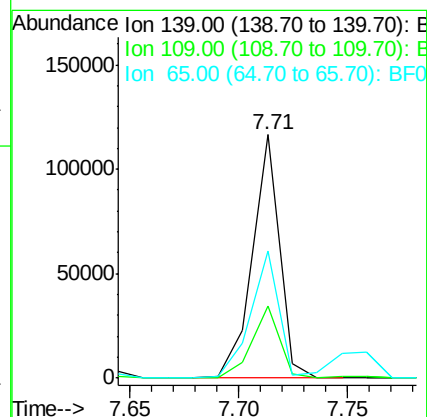
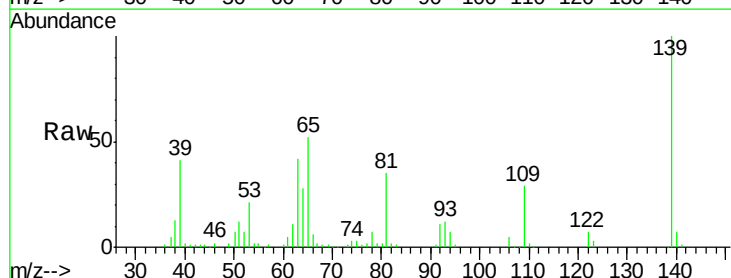
Tgt Ion: 139 Resp: 100972

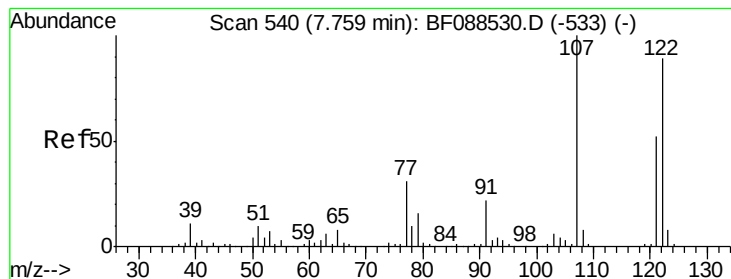
Ion Ratio Lower Upper

139 100

109 29.4 23.0 34.4

65 52.0 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 22.36 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

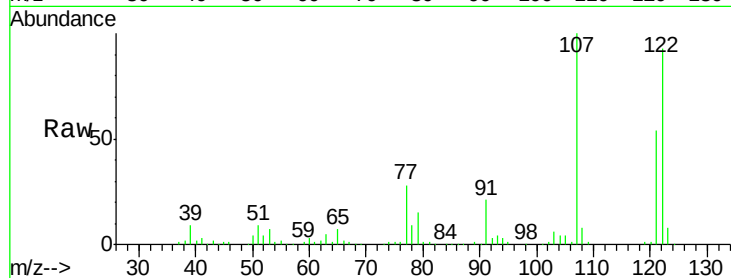
Tgt Ion:122 Resp: 211071

Ion Ratio Lower Upper

122 100

107 107.4 82.4 123.6

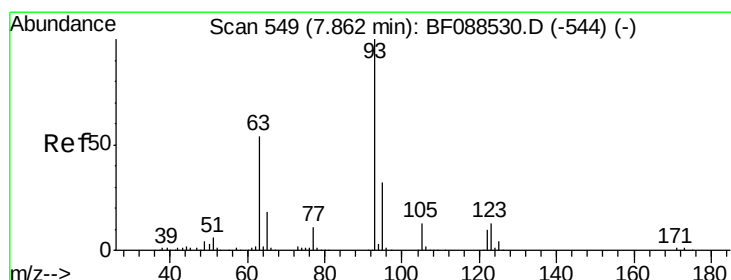
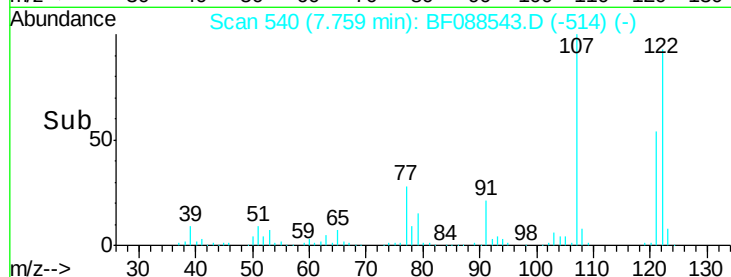
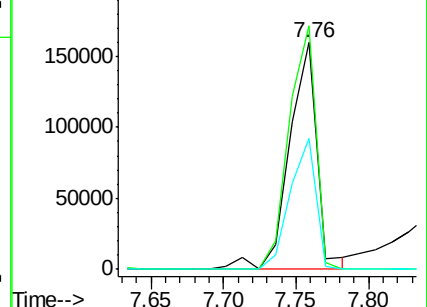
121 58.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.13 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

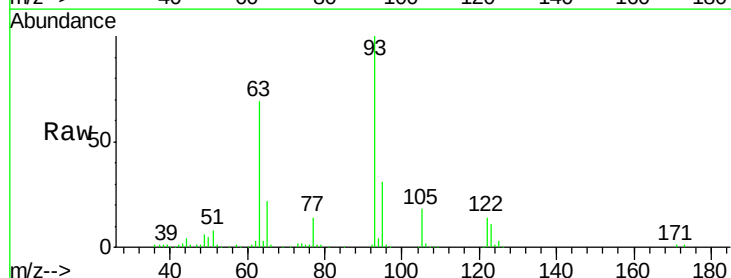
Tgt Ion: 93 Resp: 265971

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

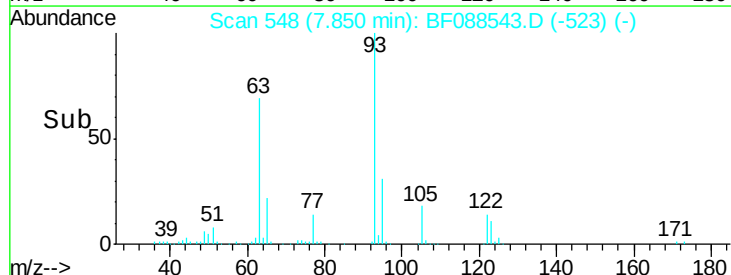
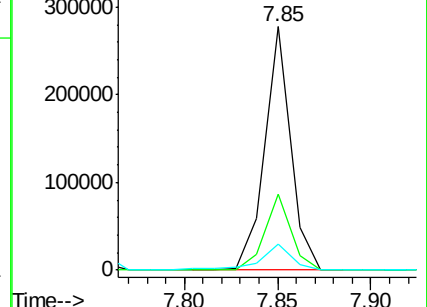
123 10.7 11.6 17.4#

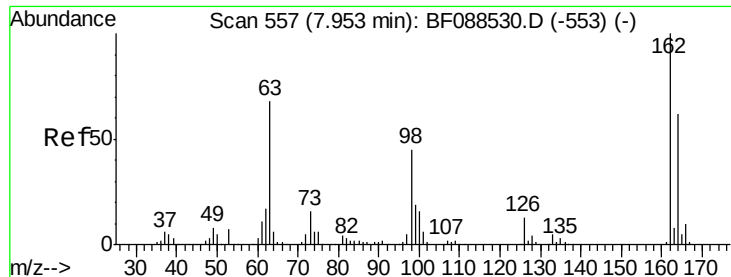


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

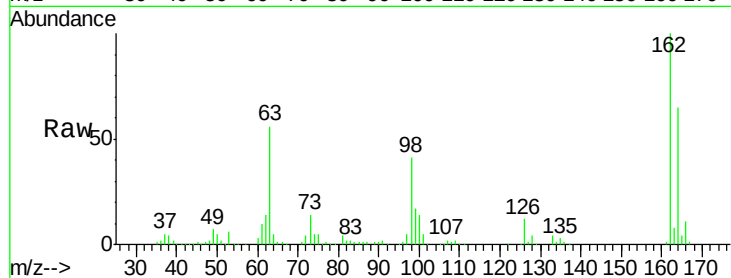




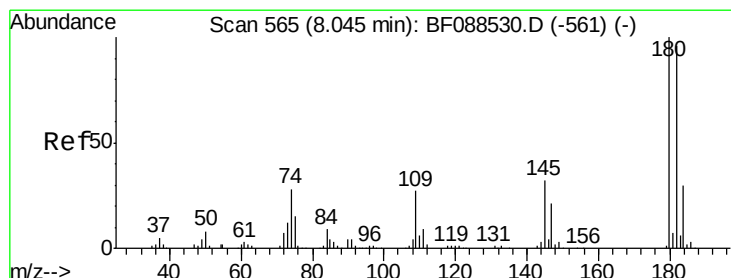
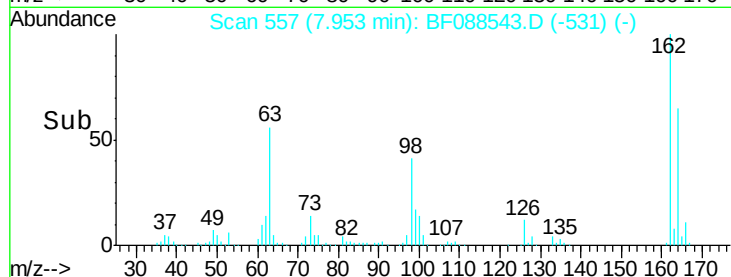
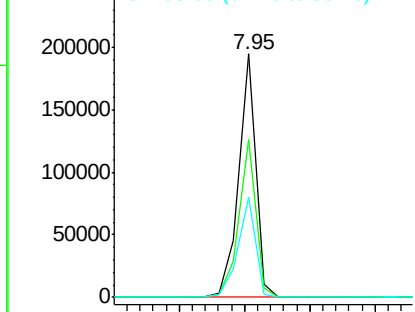
#29
 2,4-Dichlorophenol
 Concen: 23.00 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	41.1	21.3	61.3

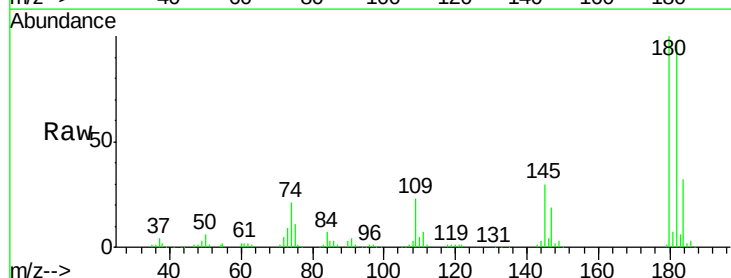


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

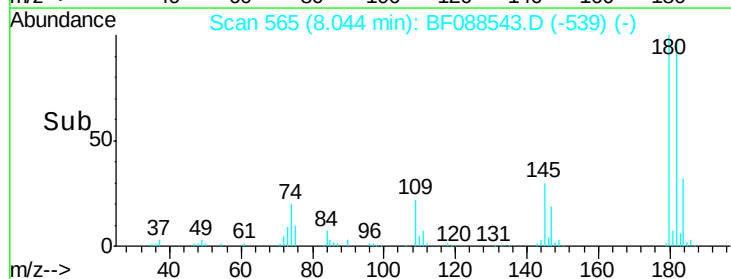
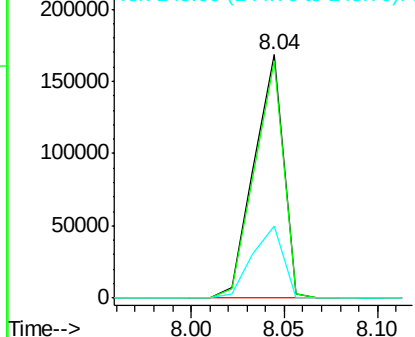


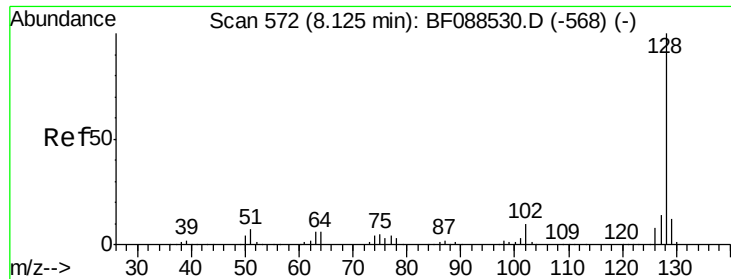
#30
 1,2,4-Trichlorobenzene
 Concen: 21.80 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.0	114.0
145	29.8	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

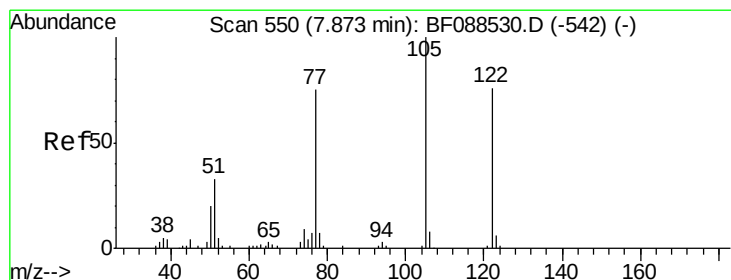
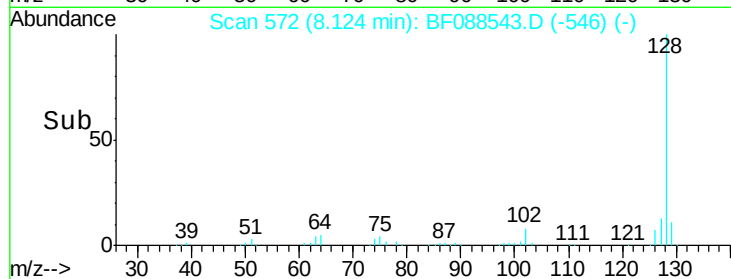
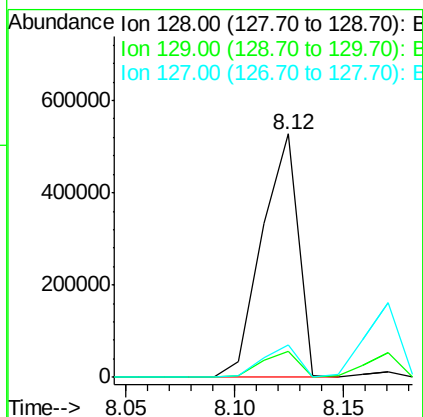
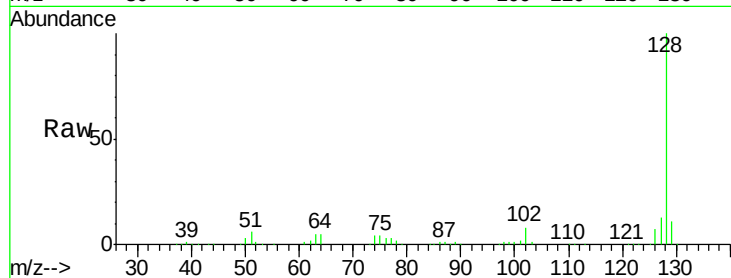




#31
Naphthalene
Concen: 21.72 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

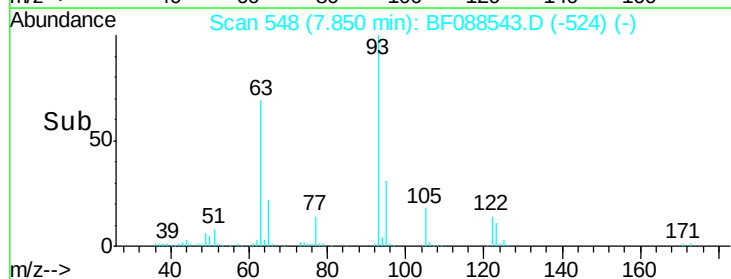
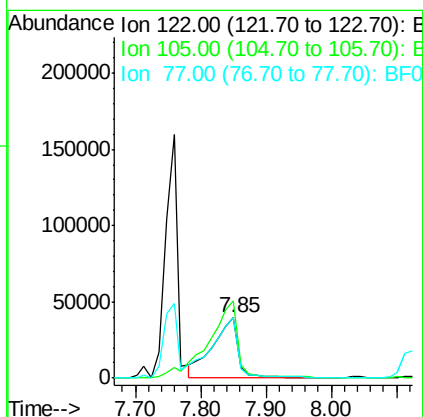
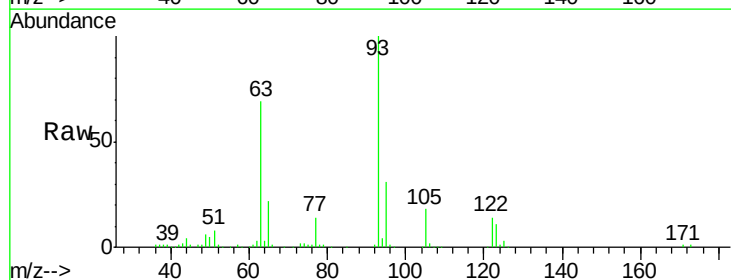
Instrument :
BNA_F
ClientSampleId :
PB91726BS

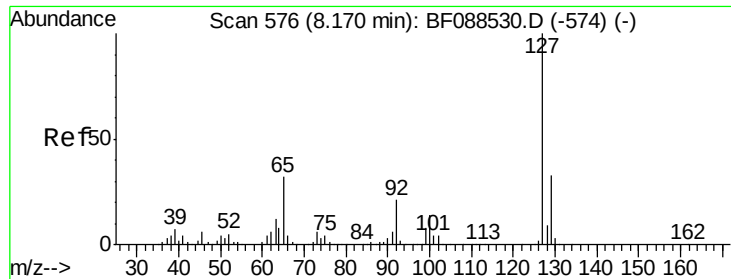
Tgt Ion:128 Resp: 615218
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 15.95 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:122 Resp: 109341
Ion Ratio Lower Upper
122 100
105 128.4 101.6 141.6
77 100.2 70.6 110.6

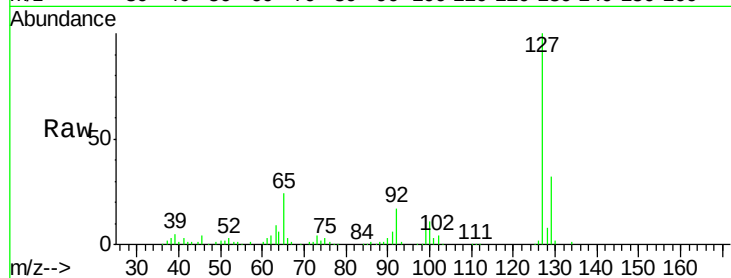




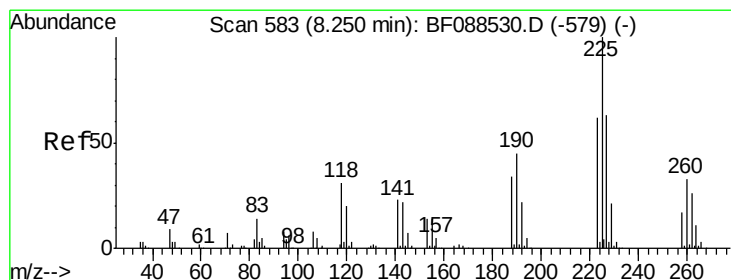
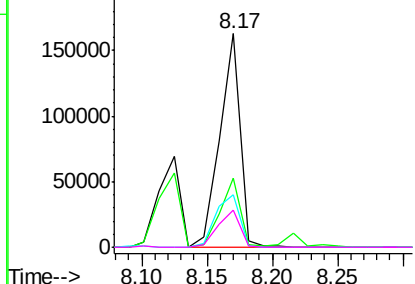
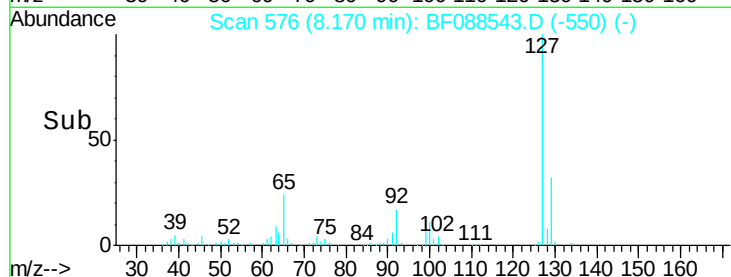
#33
4-Chloroaniline
Concen: 14.15 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:	127	Resp:	178264
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	24.4	24.7	37.1#
92	17.3	15.4	23.0

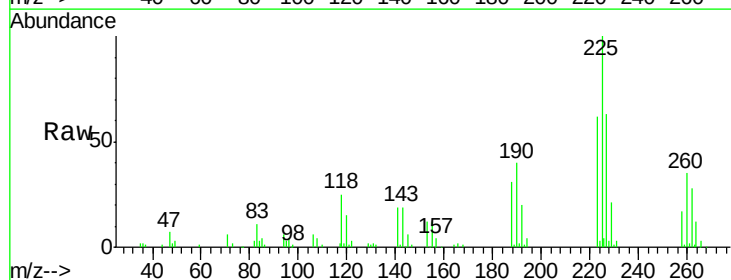


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

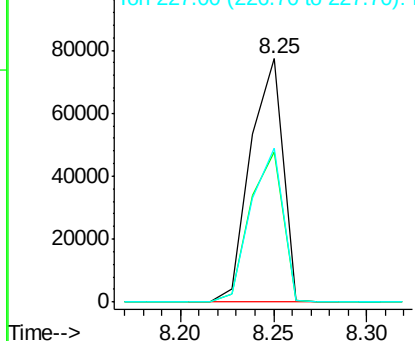
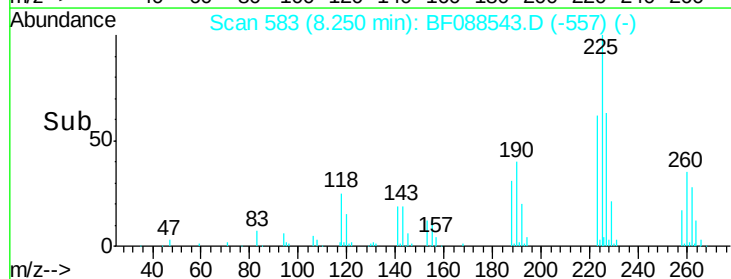


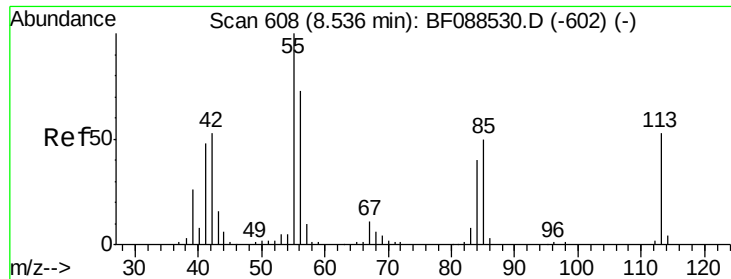
#34
Hexachlorobutadiene
Concen: 20.71 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:	225	Resp:	92846
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	63.2	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

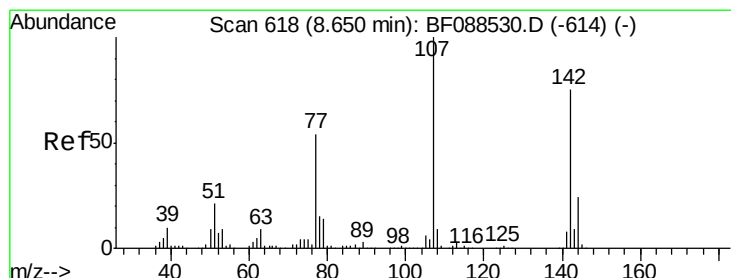
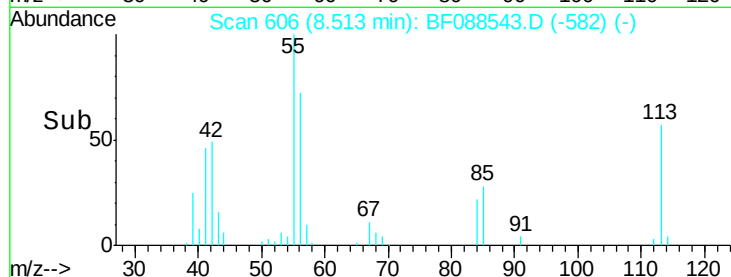
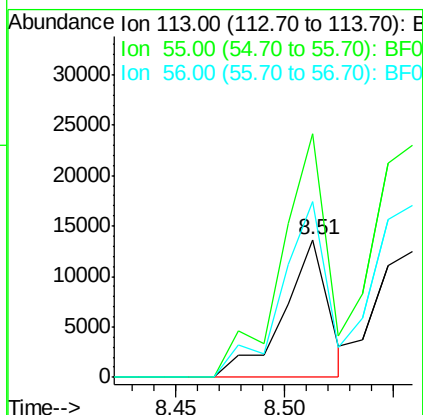
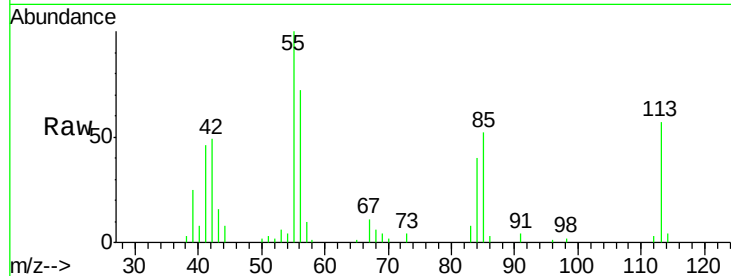




#35
 Caprolactam
 Concen: 7.50 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

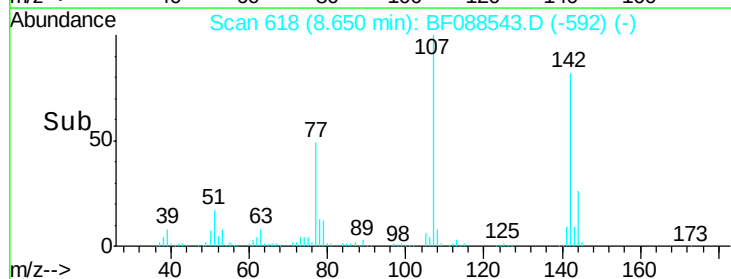
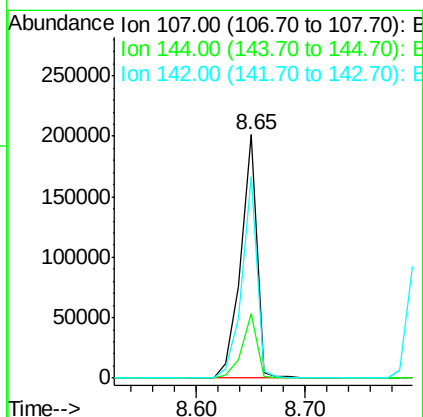
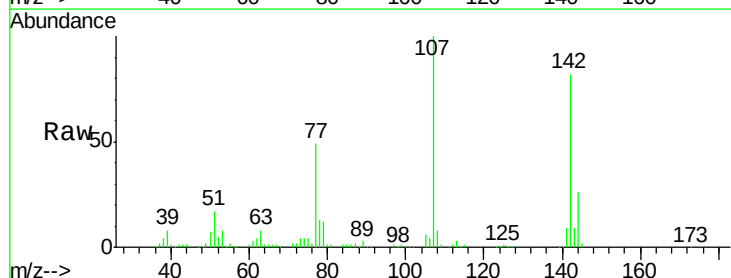
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

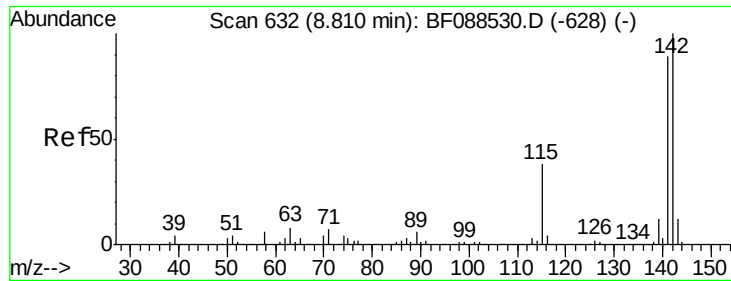
Tgt Ion:113 Resp: 19437
 Ion Ratio Lower Upper
 113 100
 55 176.8 158.6 198.6
 56 127.8 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 22.63 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:107 Resp: 204210
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.8 31.2
 142 82.5 63.4 95.2

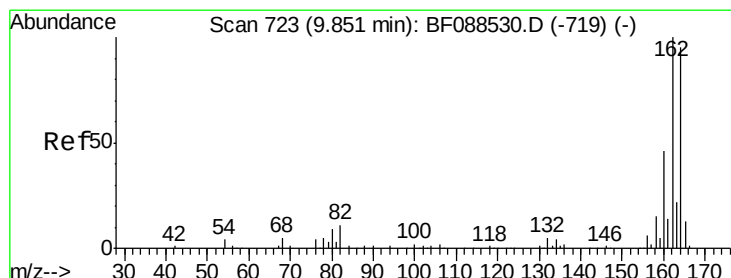
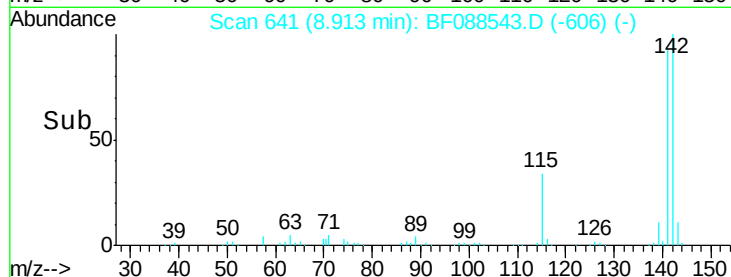
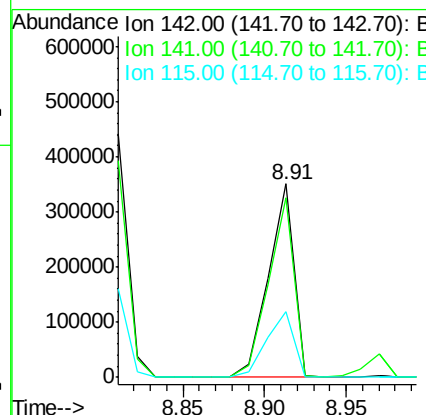
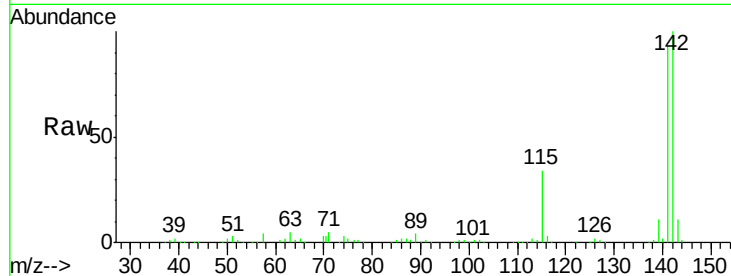




#37
 2-Methylnaphthalene
 Concen: 21.00 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.10 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

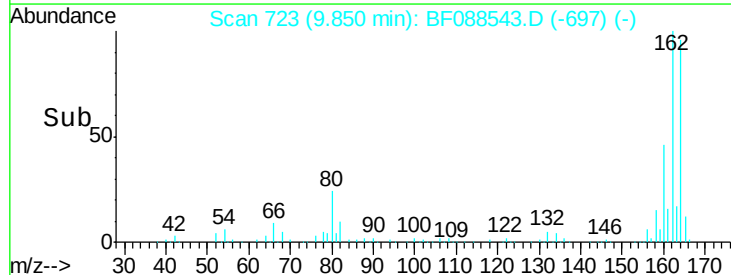
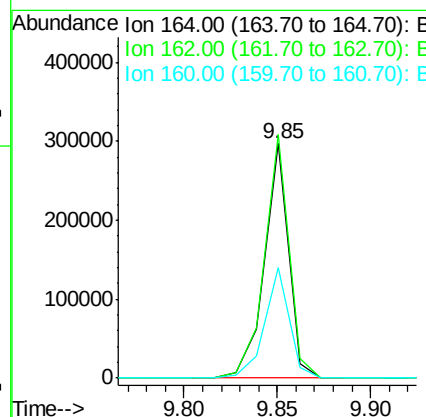
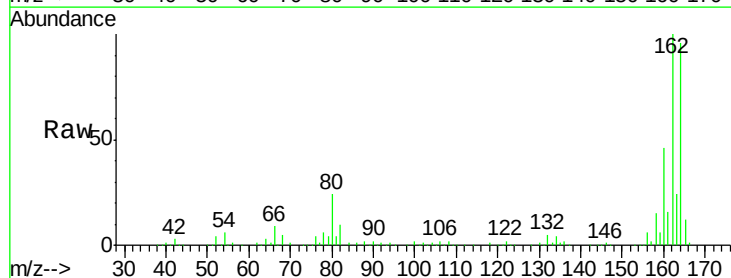
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

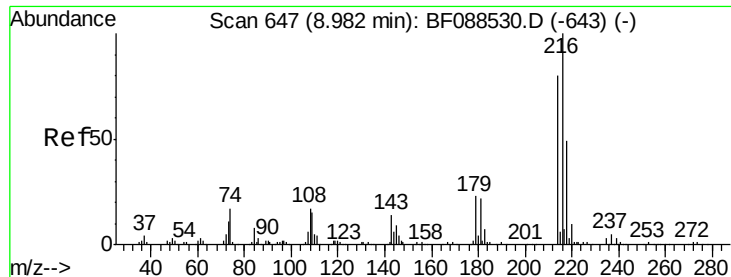
Tgt Ion:142 Resp: 382936
 Ion Ratio Lower Upper
 142 100
 141 93.1 71.0 106.6
 115 33.8 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:164 Resp: 263756
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 47.3 39.5 59.3

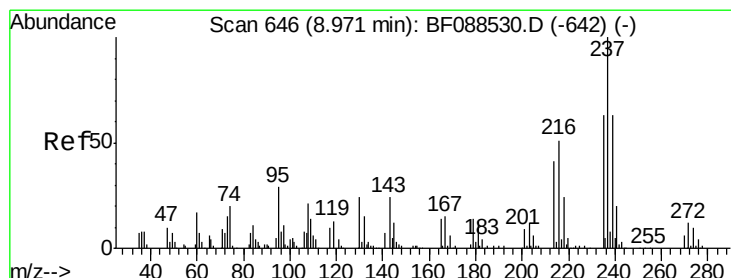
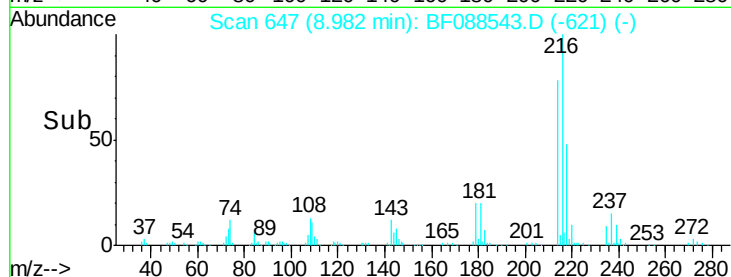
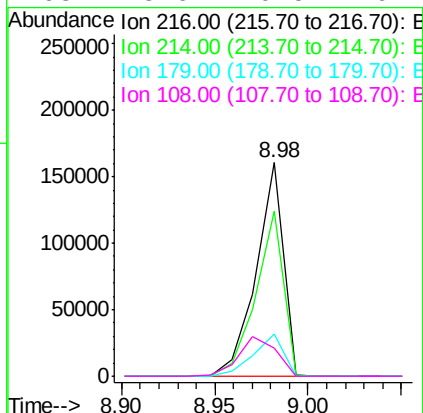
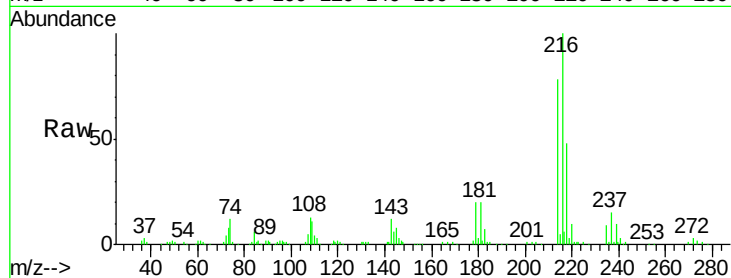




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.40 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

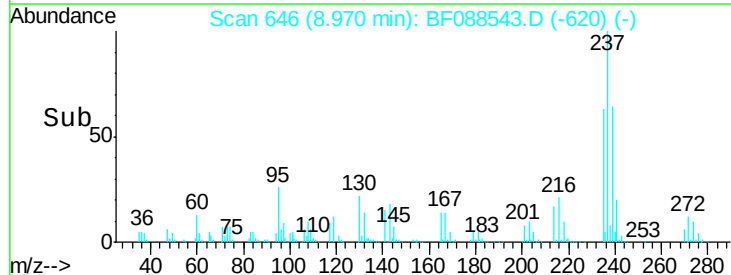
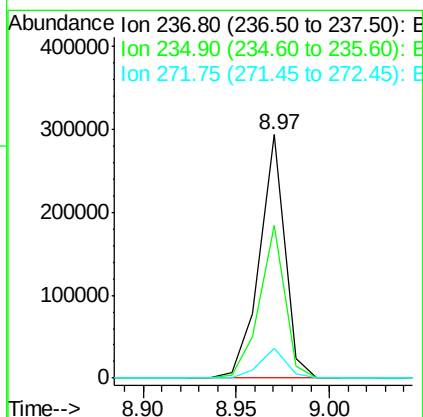
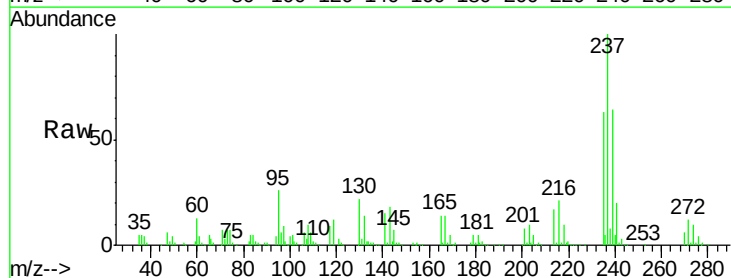
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

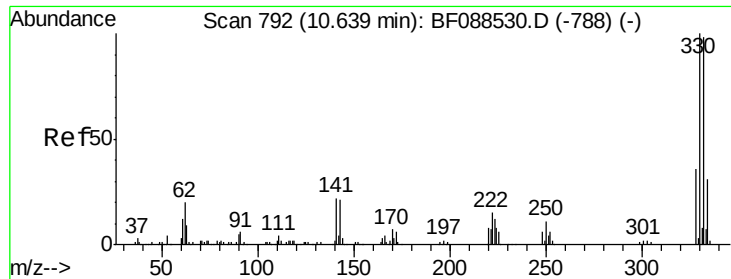
Tgt Ion:	216	Resp:	161456
Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	21.8	0.0	0.0#
108	25.6	0.5	0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 64.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:	237	Resp:	275625
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	12.3	0.0	32.3

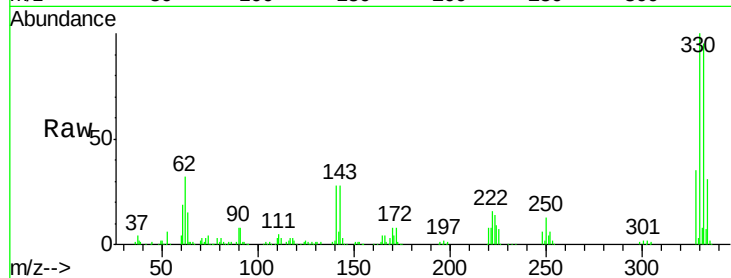




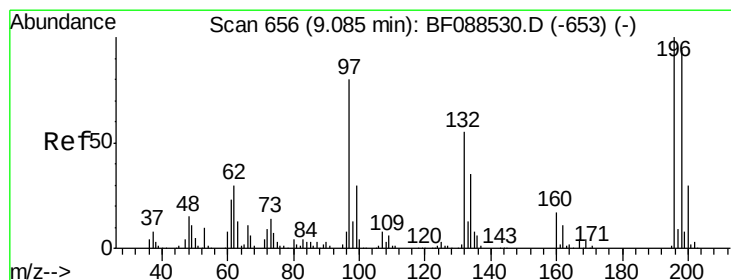
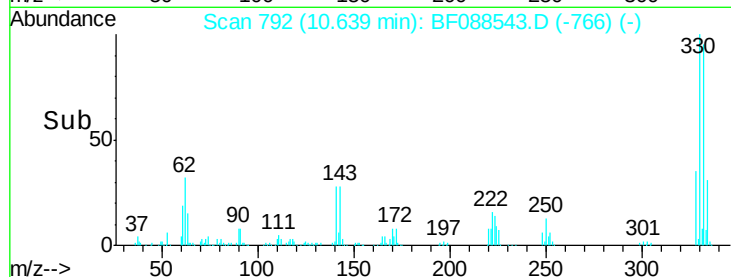
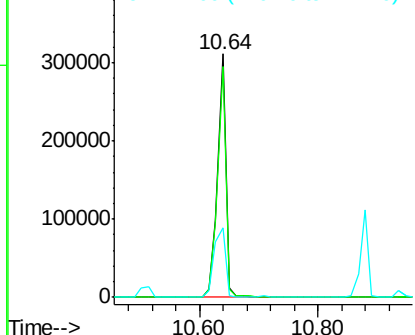
#41
 2,4,6-Tribromophenol
 Concen: 124.48 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	39.1	0.0	0.0#

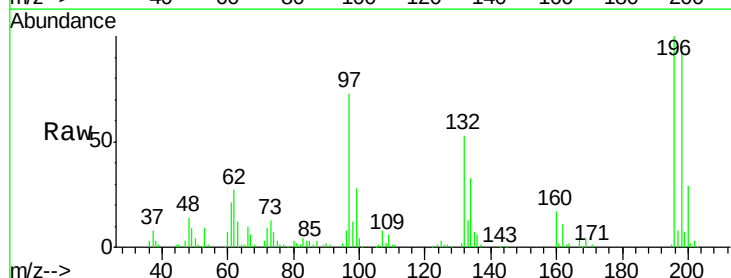


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

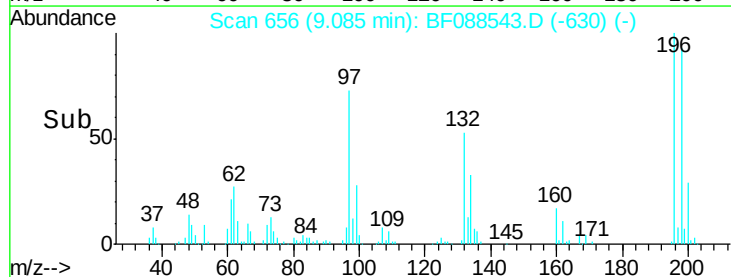
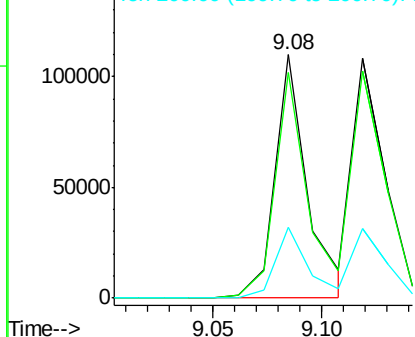


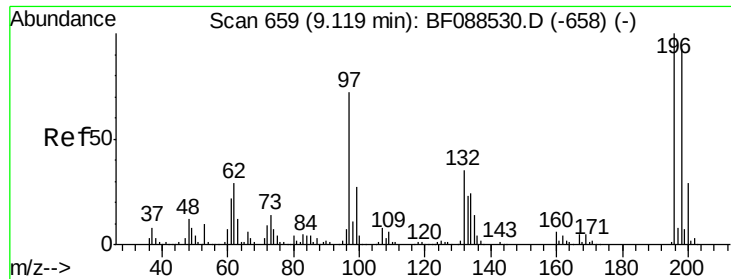
#42
 2,4,6-Trichlorophenol
 Concen: 19.82 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.0	117.0
200	29.3	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

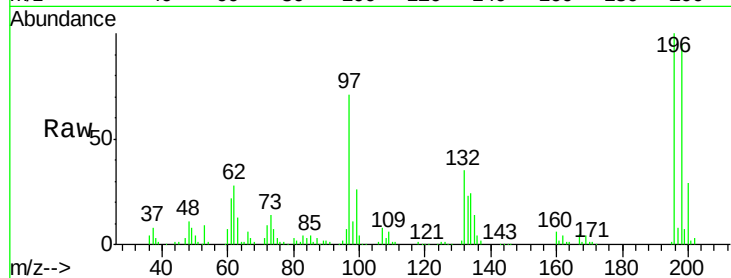




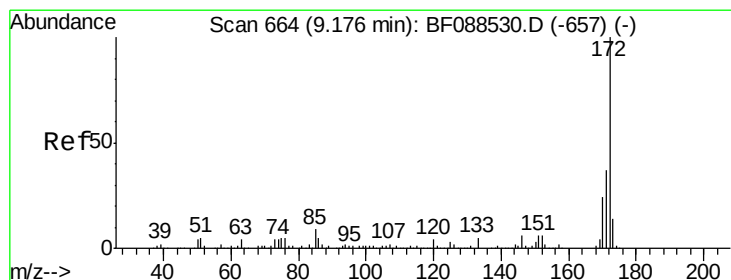
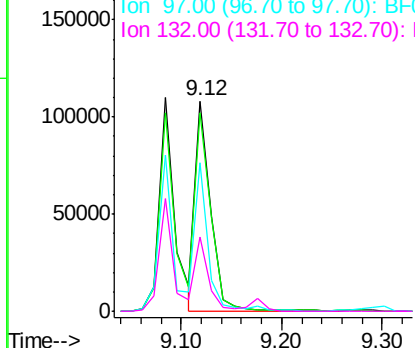
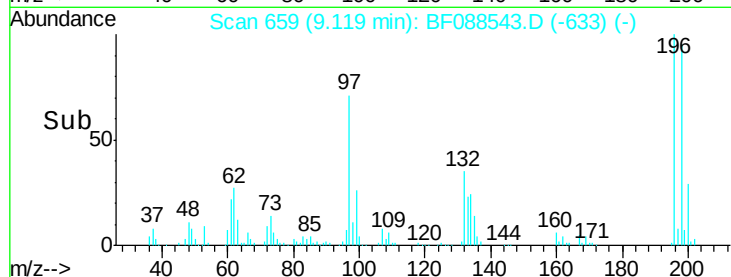
#43
 2,4,5-Trichlorophenol
 Concen: 23.18 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:196 Resp: 115375
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.5 116.3
 97 70.7 32.0 48.0#
 132 35.1 20.9 31.3#

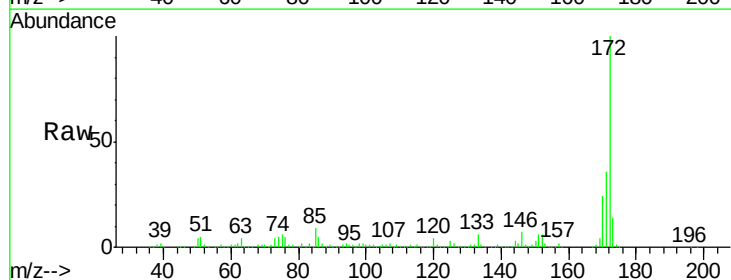


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

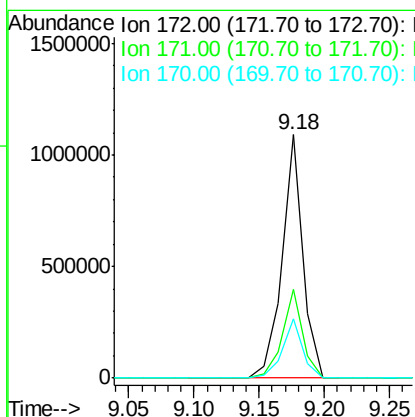
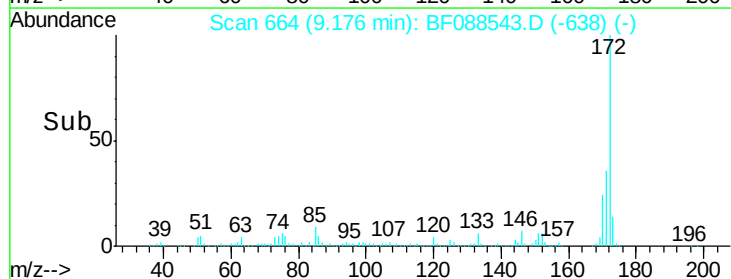


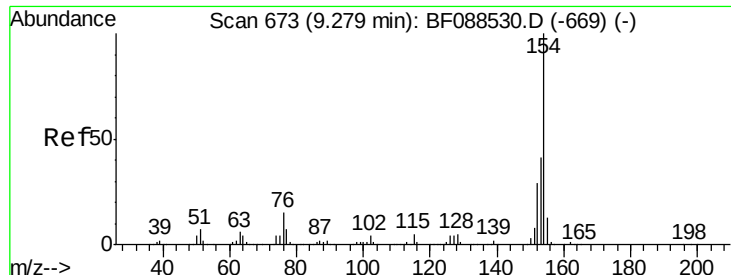
#44
 2-Fluorobiphenyl
 Concen: 72.65 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:172 Resp: 1213162
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.3 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

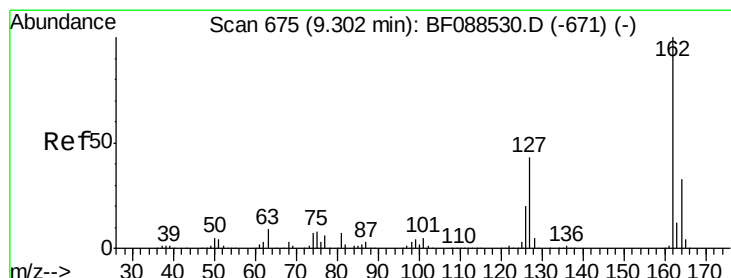
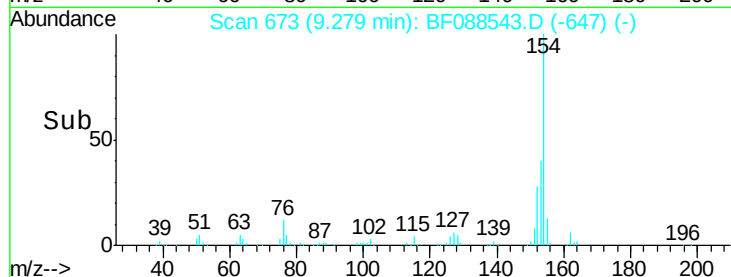
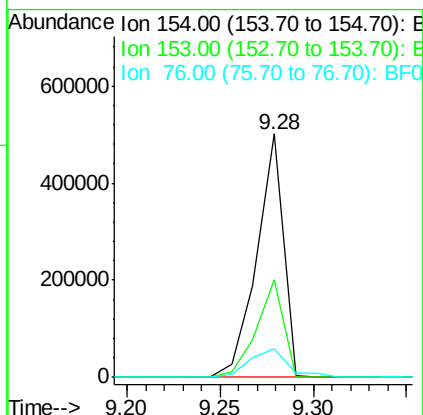
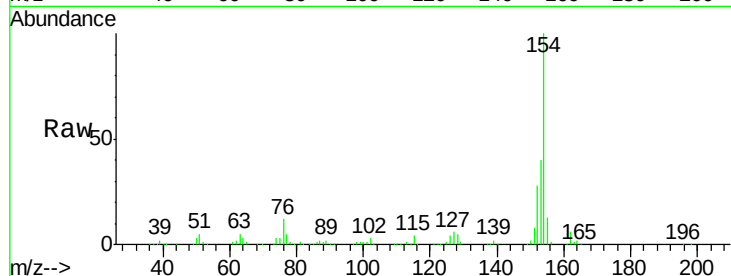




#45
 1,1'-Biphenyl
 Concen: 22.63 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

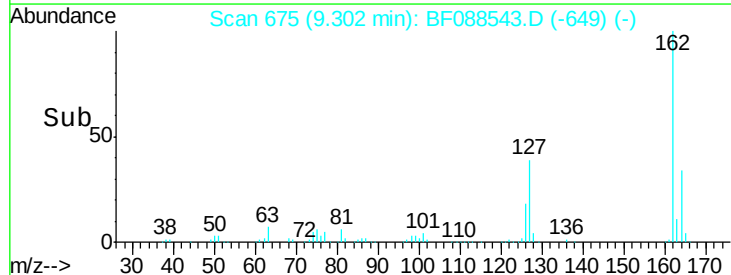
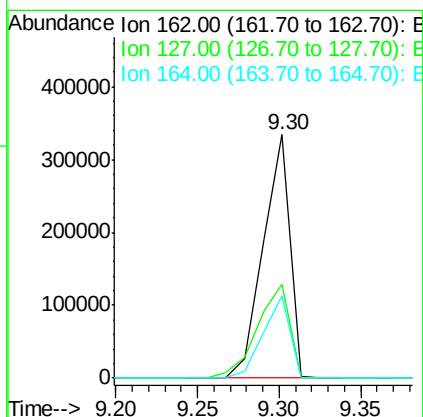
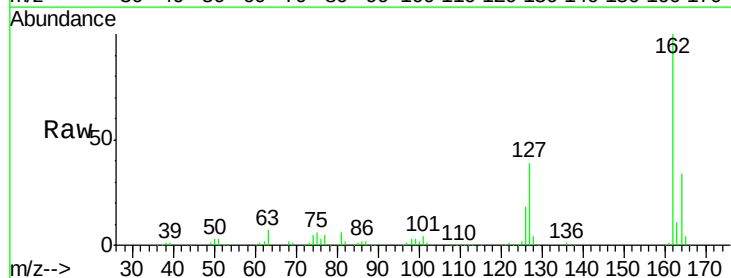
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

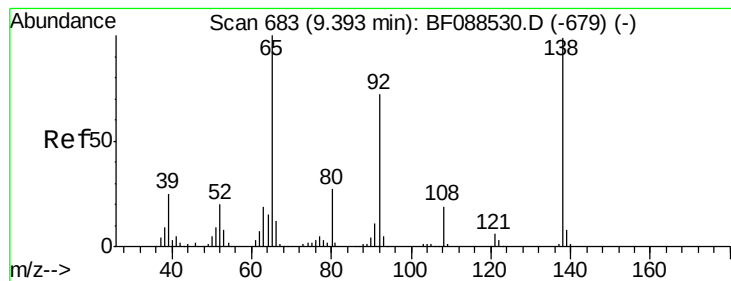
Tgt Ion:154 Resp: 494236
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 11.7 0.0 35.1



#46
 2-Chloronaphthalene
 Concen: 22.20 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:162 Resp: 380563
 Ion Ratio Lower Upper
 162 100
 127 38.6 35.2 52.8
 164 33.7 26.6 39.8





#47

2-Nitroaniline

Concen: 20.06 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

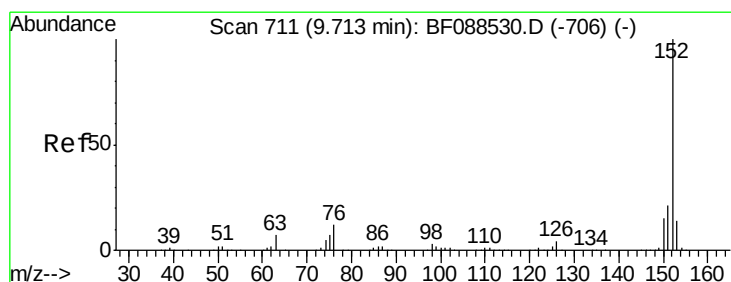
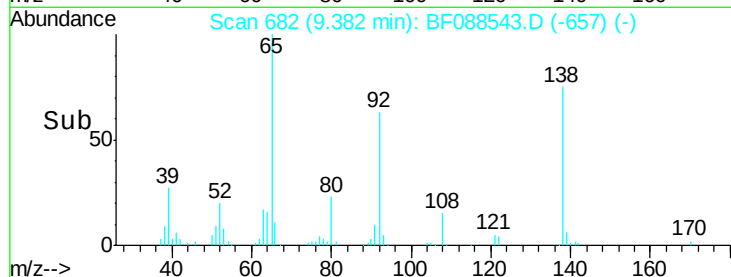
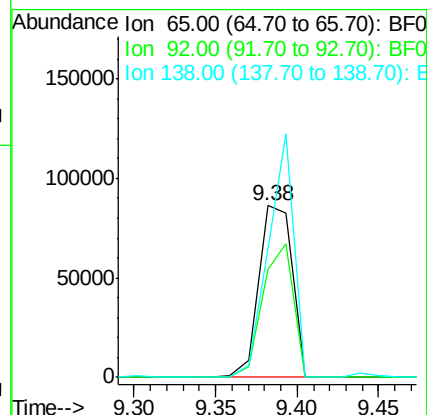
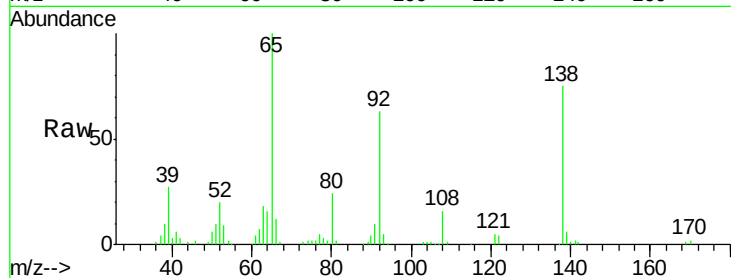
Tgt Ion: 65 Resp: 122084

Ion Ratio Lower Upper

65 100

92 62.9 54.6 82.0

138 75.0 77.0 115.4#



#48

Acenaphthylene

Concen: 22.78 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

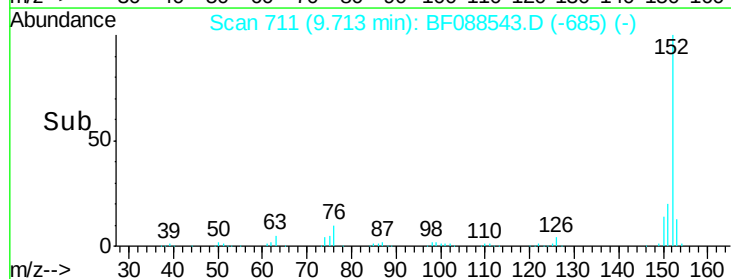
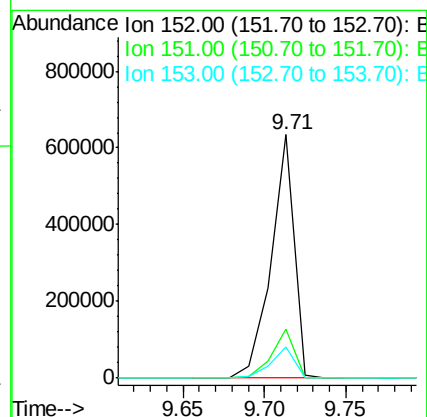
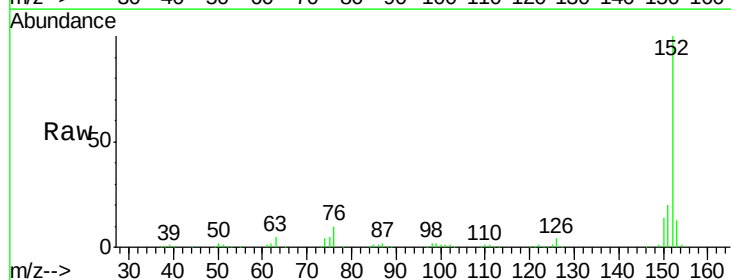
Tgt Ion: 152 Resp: 621613

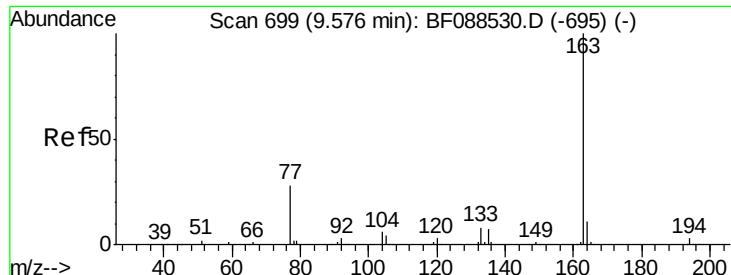
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 11.0 16.6

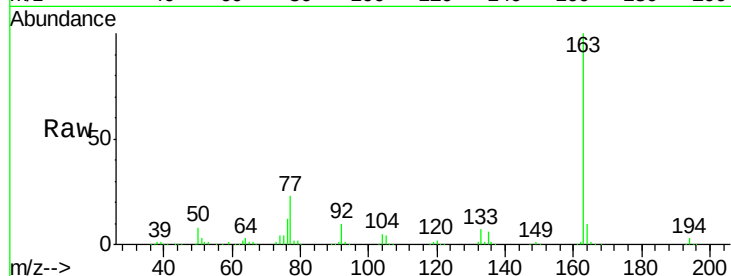




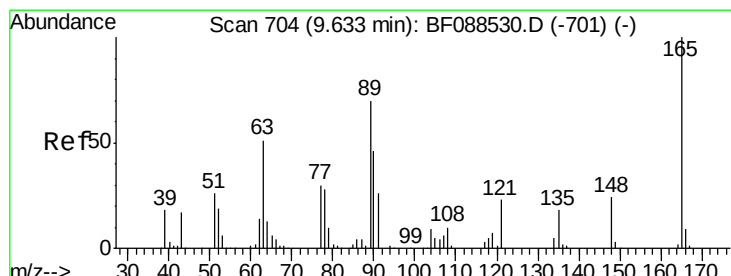
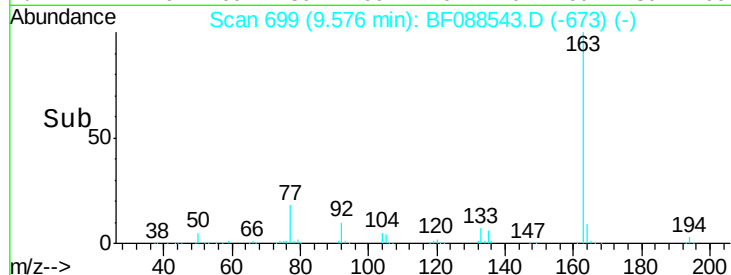
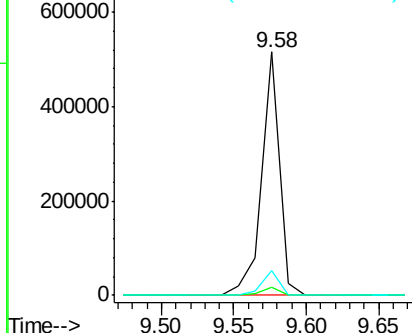
#49
Dimethylphthalate
Concen: 23.45 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:163 Resp: 440707
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.3 8.3 12.5

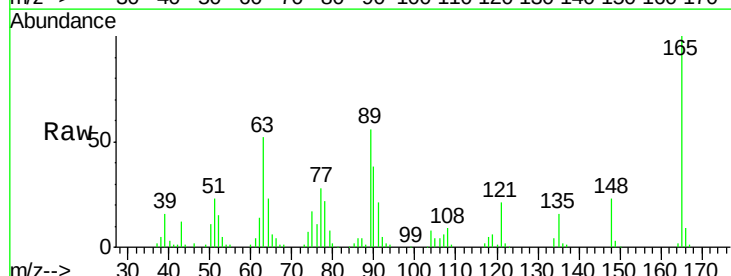


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

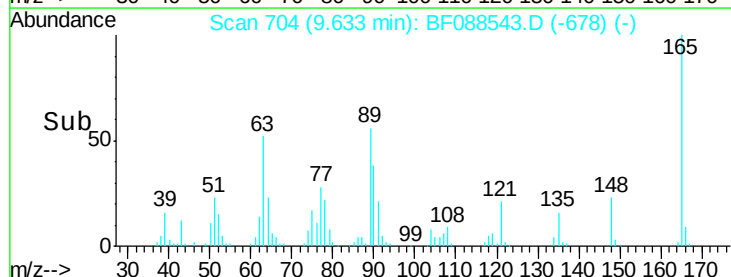
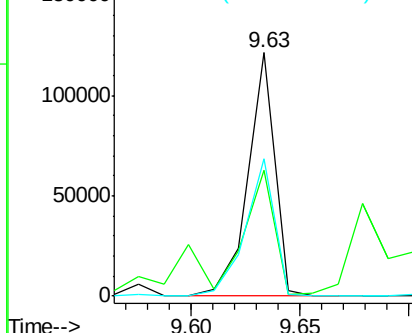


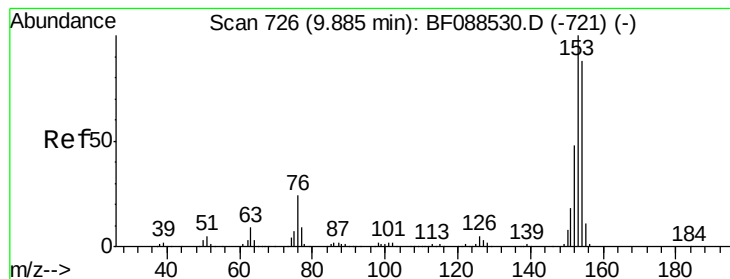
#50
2,6-Dinitrotoluene
Concen: 25.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:165 Resp: 104119
Ion Ratio Lower Upper
165 100
63 51.5 28.1 42.1#
89 56.3 32.2 48.2#



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





#51

Acenaphthene

Concen: 26.58 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

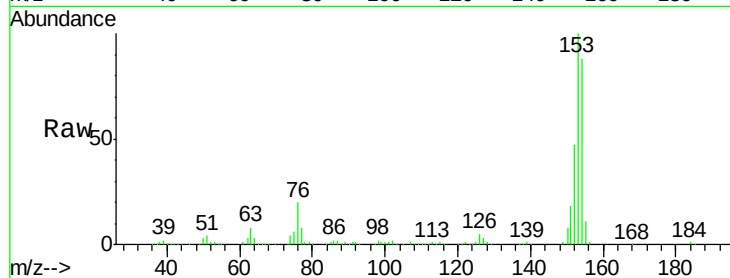
Tgt Ion:154 Resp: 444521

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

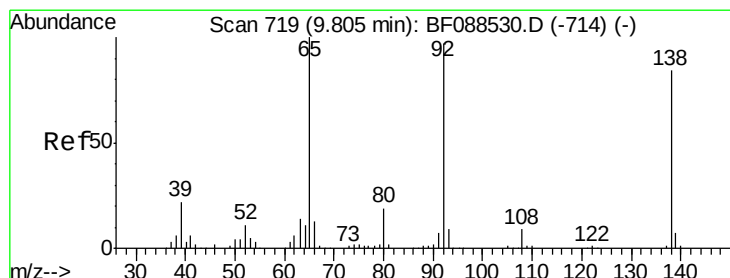
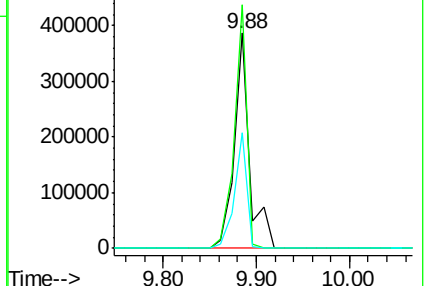
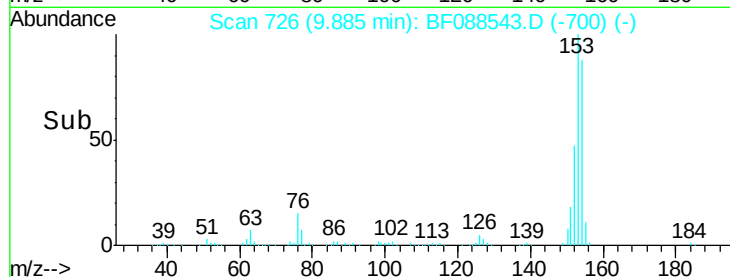
152 53.5 42.7 64.1



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: 14.21 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

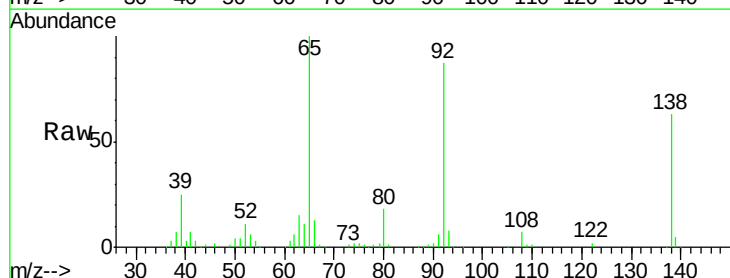
Tgt Ion:138 Resp: 75216

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

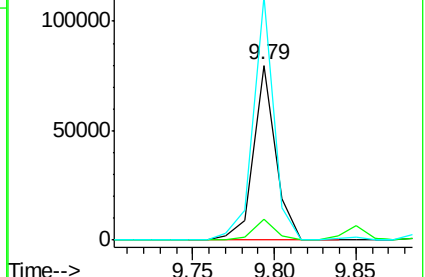
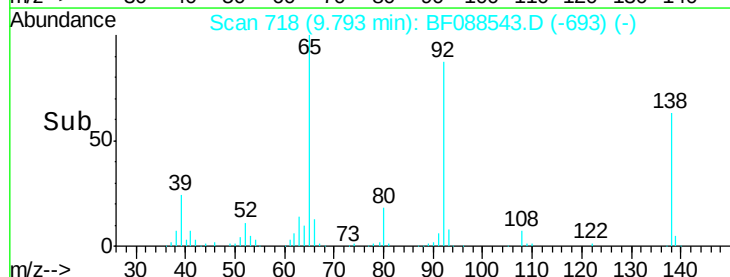
92 139.4 95.7 143.5

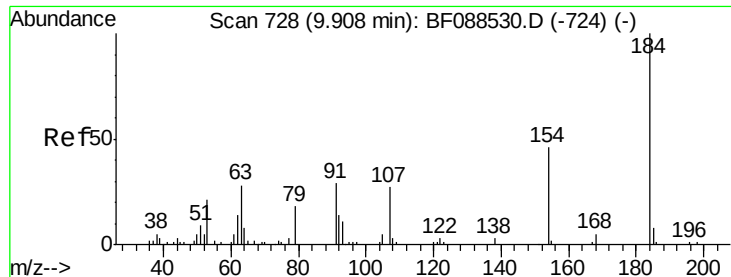


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

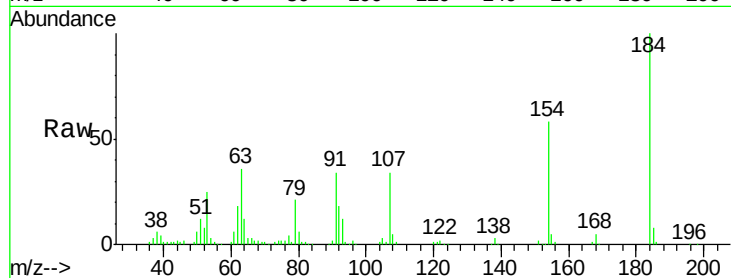




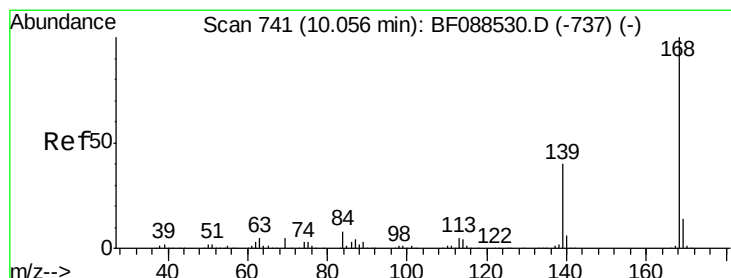
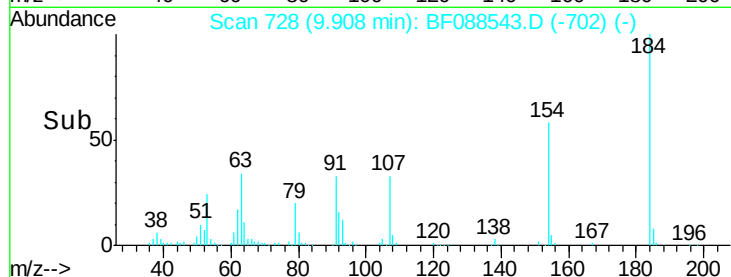
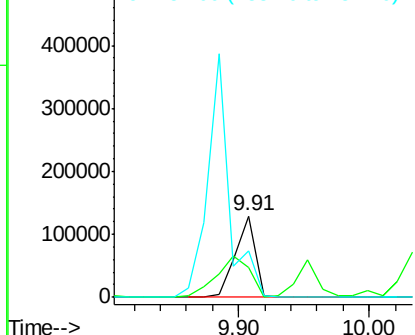
#53
 2,4-Dinitrophenol
 Concen: 73.65 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:184 Resp: 135424
 Ion Ratio Lower Upper
 184 100
 63 36.4 57.6 86.4#
 154 57.7 53.5 80.3

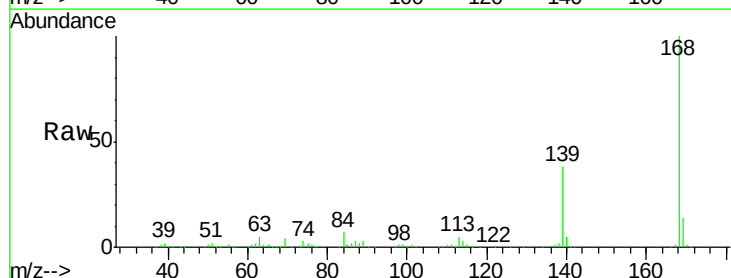


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

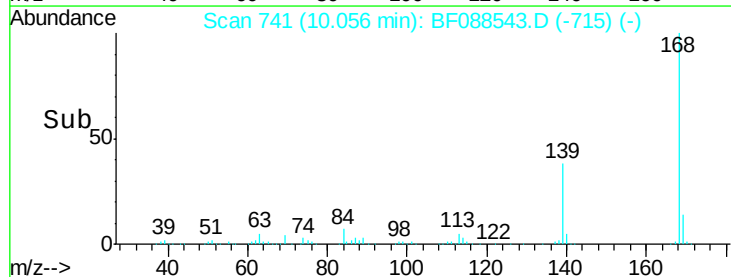
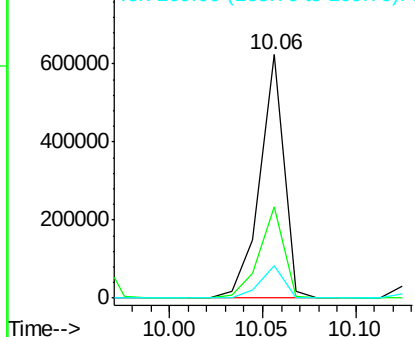


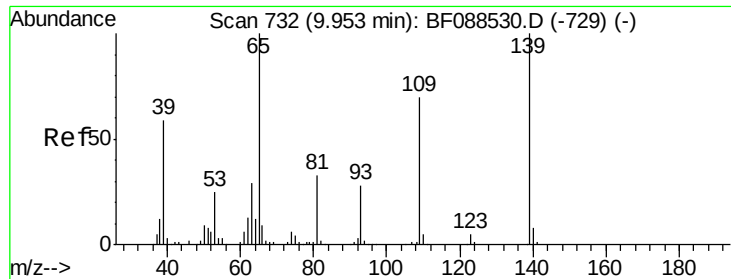
#54
 Dibenzofuran
 Concen: 25.19 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:168 Resp: 551391
 Ion Ratio Lower Upper
 168 100
 139 37.6 26.4 39.6
 169 13.6 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

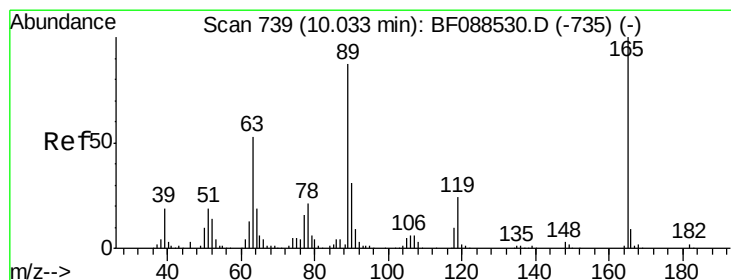
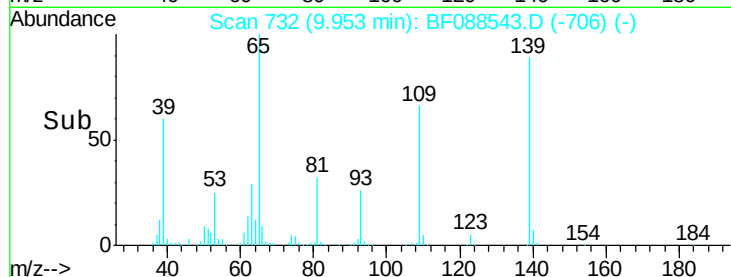
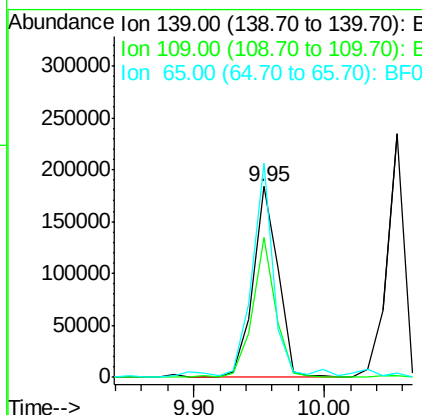
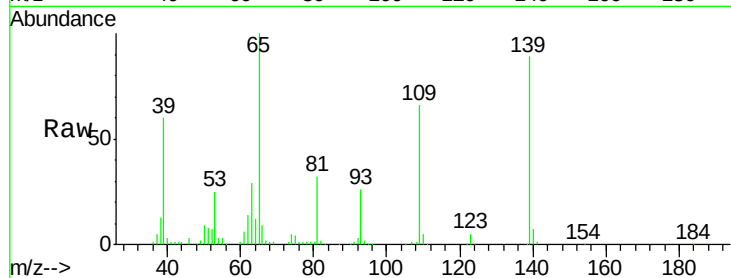




#55
4-Nitrophenol
Concen: 60.86 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

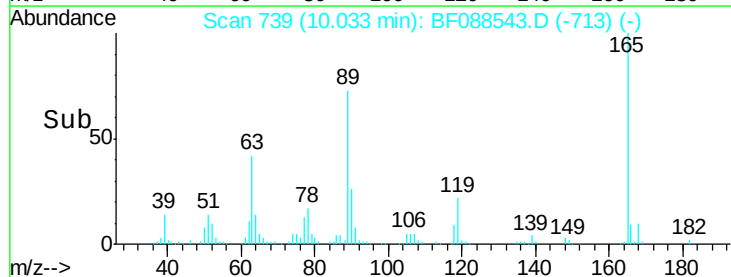
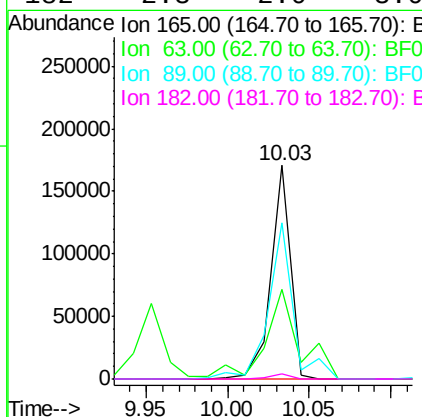
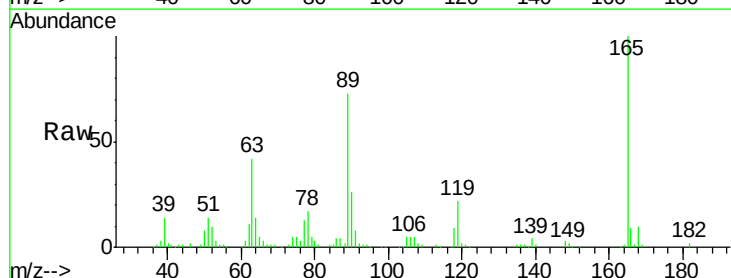
Instrument :
BNA_F
ClientSampleId :
PB91726BS

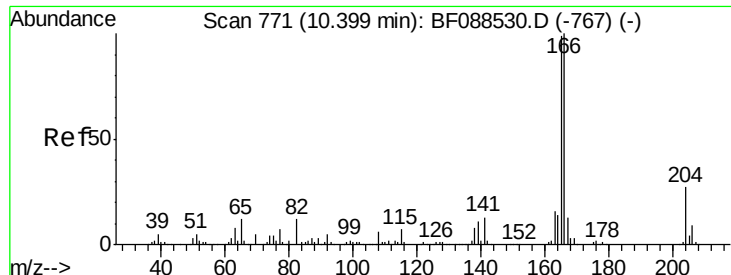
Tgt Ion:139 Resp: 244853
Ion Ratio Lower Upper
139 100
109 73.6 48.9 88.9
65 112.4 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 26.17 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:165 Resp: 142523
Ion Ratio Lower Upper
165 100
63 42.1 22.0 33.0#
89 73.1 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 24.43 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

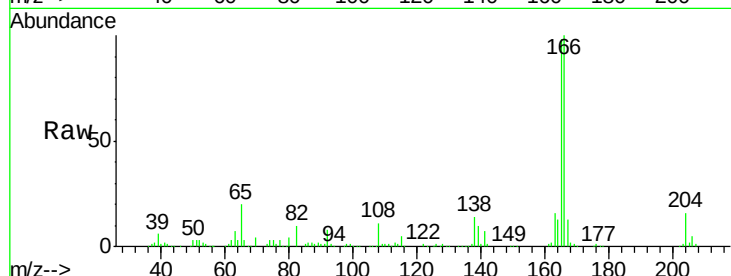
Tgt Ion:166 Resp: 412016

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

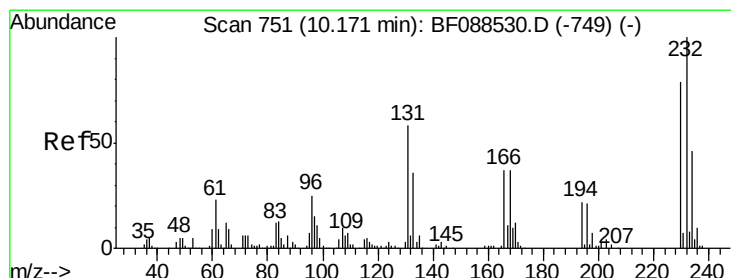
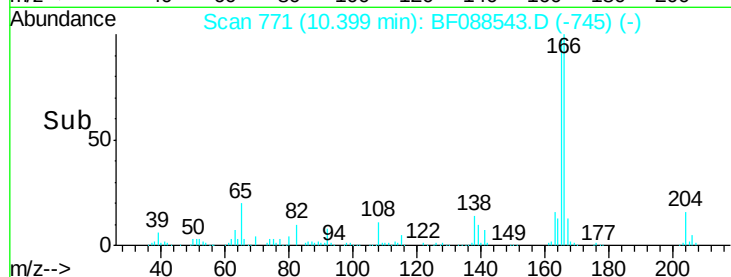
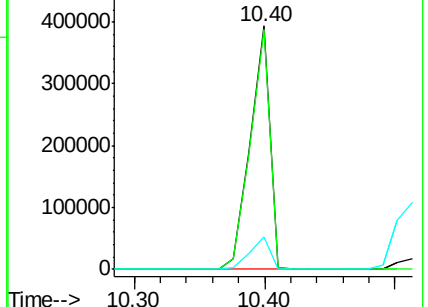
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.28 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:232 Resp: 105030

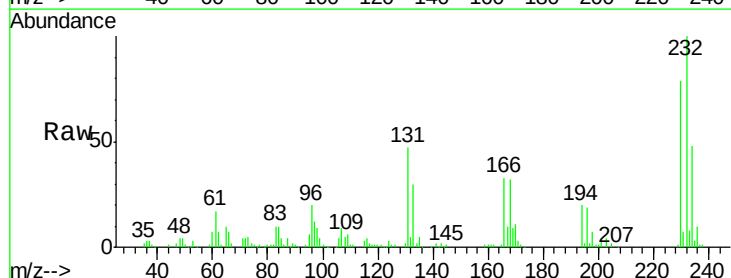
Ion Ratio Lower Upper

232 100

131 50.5 0.9 1.3#

130 2.3 1.5 2.3#

166 33.2 0.5 0.7#

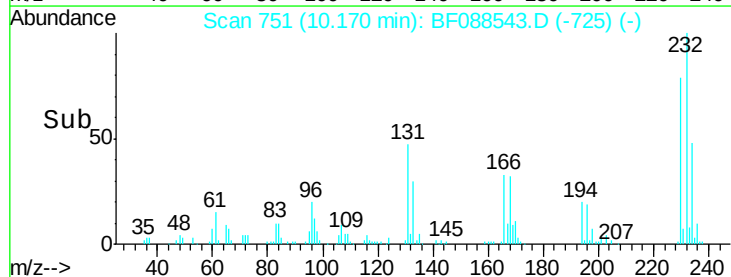
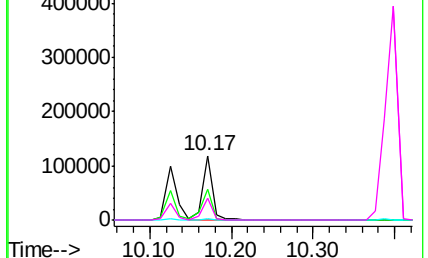


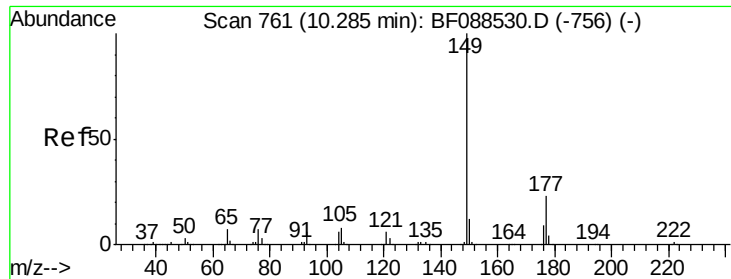
Abundance Ion 232.00 (231.70 to 232.70): E

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

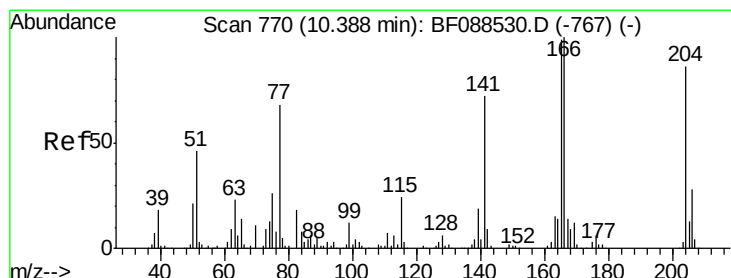
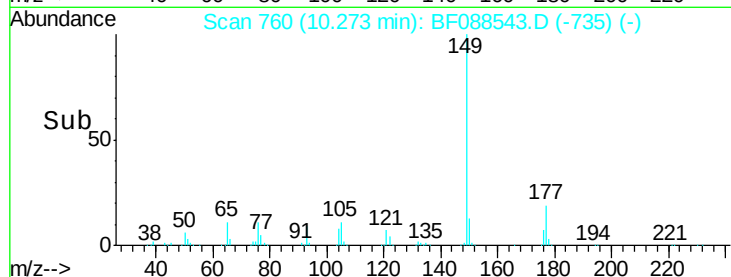
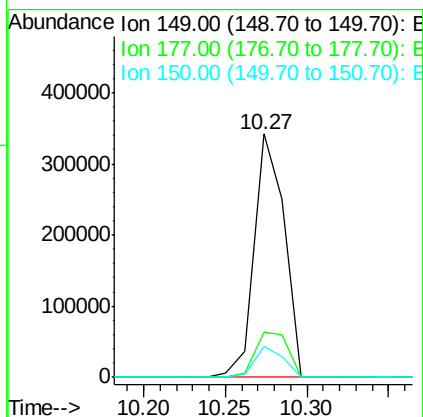
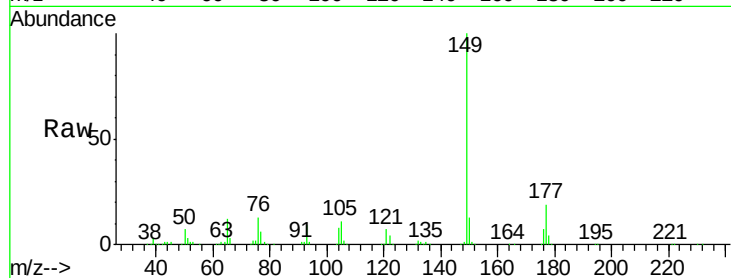




#59
Diethylphthalate
Concen: 23.13 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

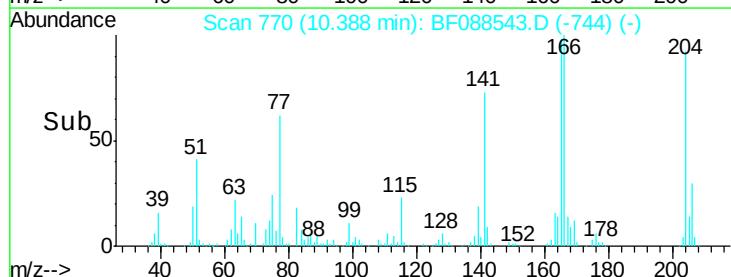
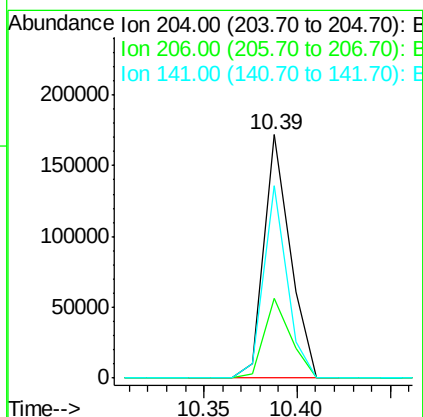
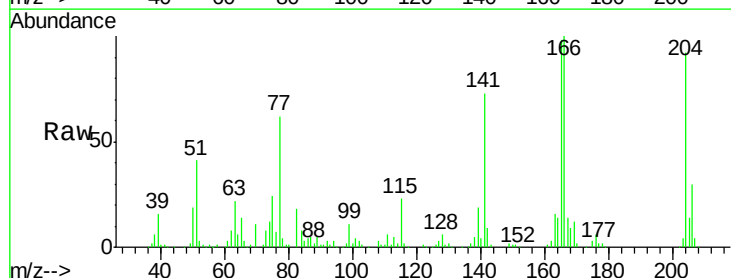
Instrument :
BNA_F
ClientSampleId :
PB91726BS

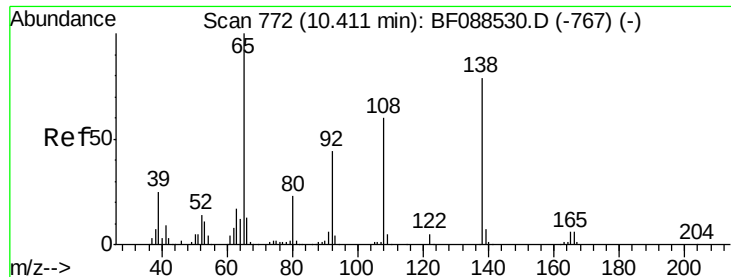
Tgt Ion:149 Resp: 436153
Ion Ratio Lower Upper
149 100
177 18.8 16.9 25.3
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.35 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:204 Resp: 167313
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 79.3 55.0 82.6

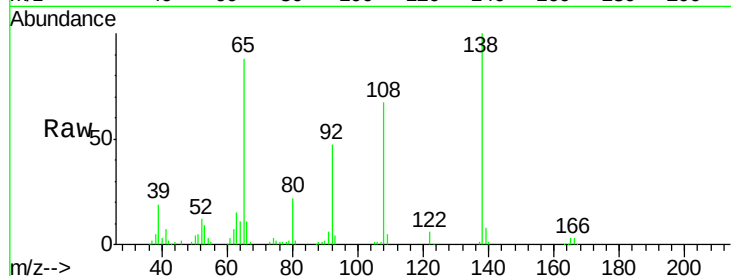




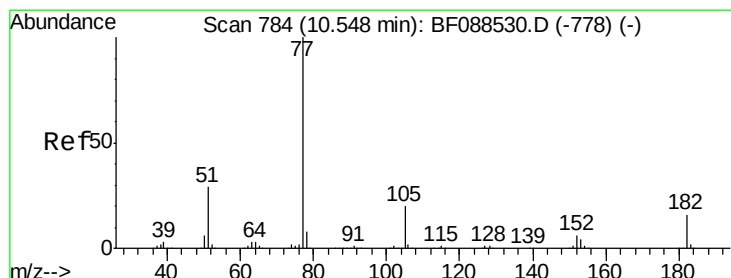
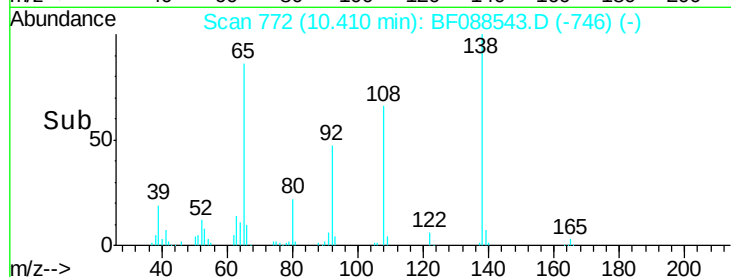
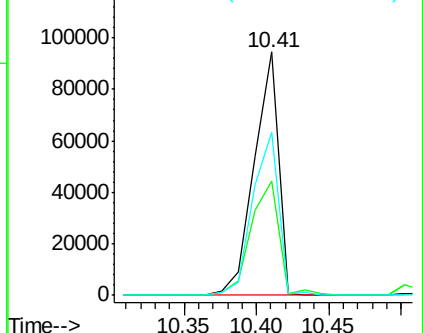
#61
4-Nitroaniline
Concen: 21.59 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:138 Resp: 109986
Ion Ratio Lower Upper
138 100
92 46.9 27.3 67.3
108 66.9 46.7 86.7

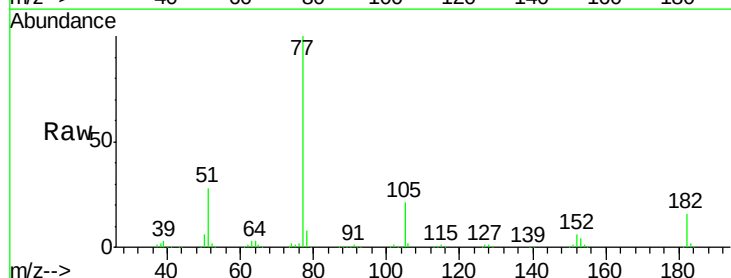


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

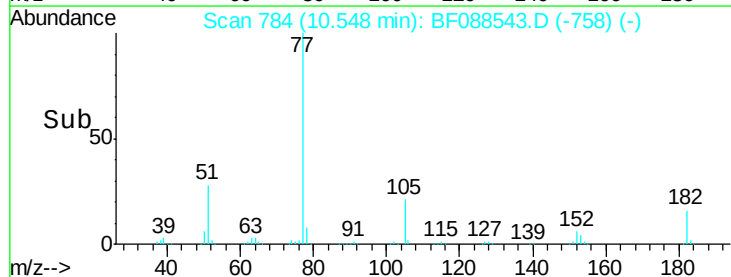
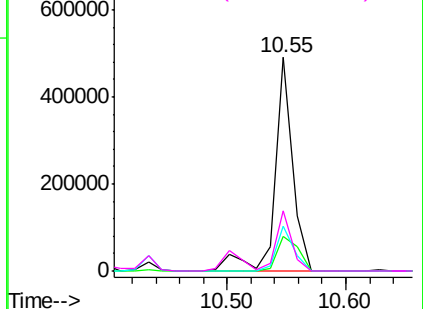


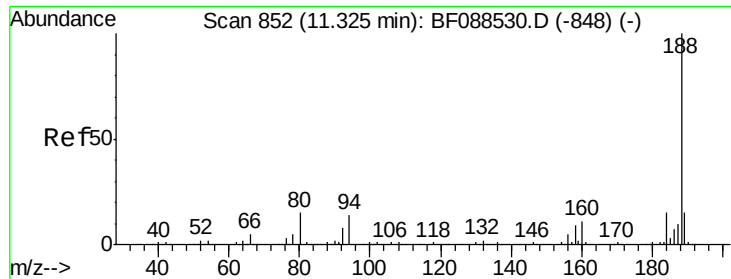
#62
Azobenzene
Concen: 23.80 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion: 77 Resp: 512027
Ion Ratio Lower Upper
77 100
182 16.3 4.4 44.4
105 21.0 3.8 43.8
51 28.5 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

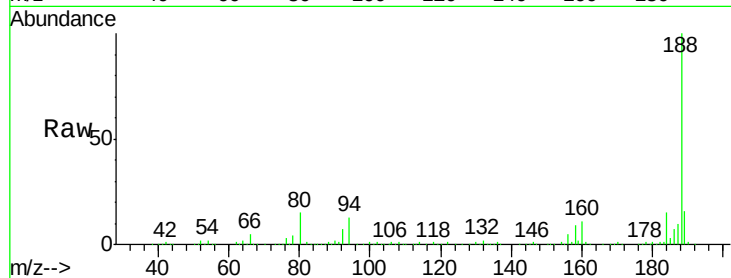




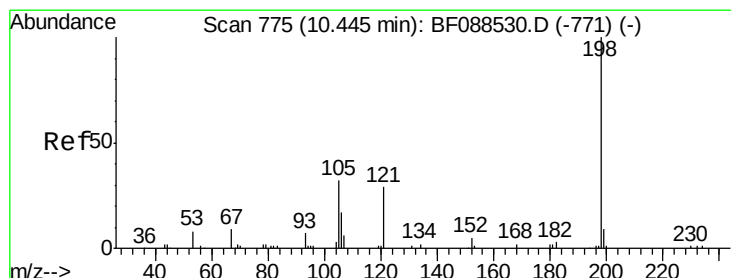
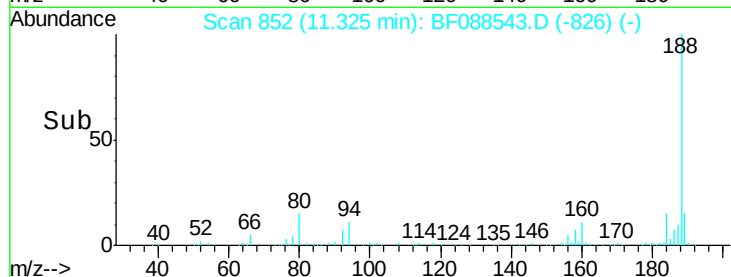
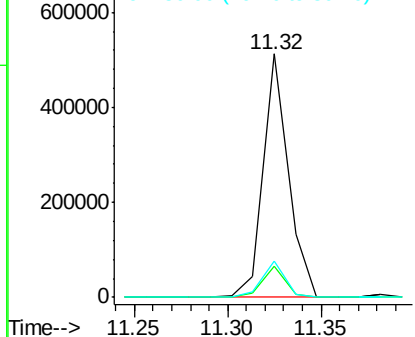
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:188 Resp: 476796
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.6
80 14.9 10.0 15.0

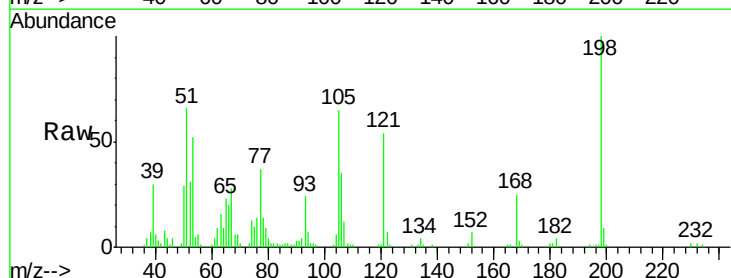


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

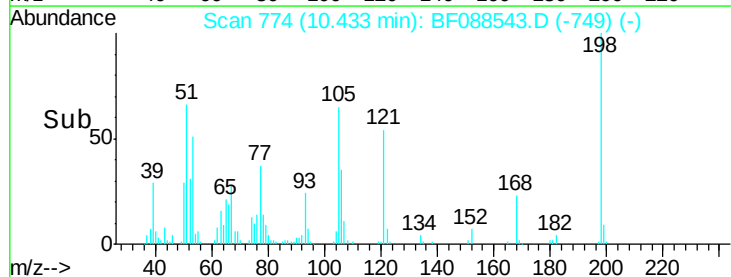
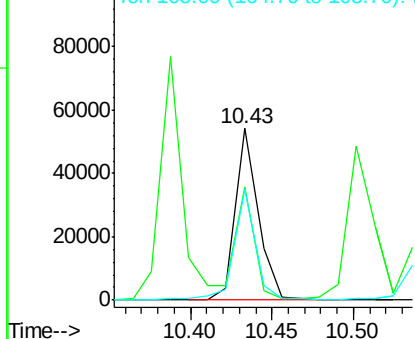


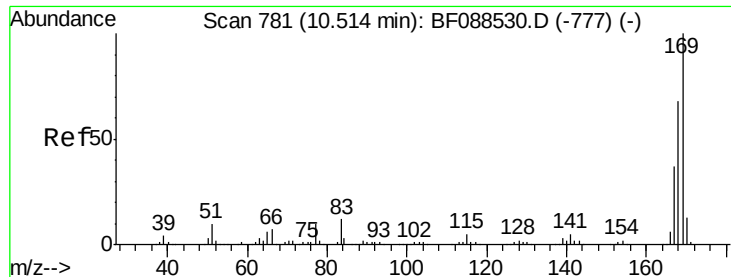
#64
4,6-Dinitro-2-methylphenol
Concen: 20.27 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:198 Resp: 51680
Ion Ratio Lower Upper
198 100
51 66.3 39.6 79.6
105 64.8 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

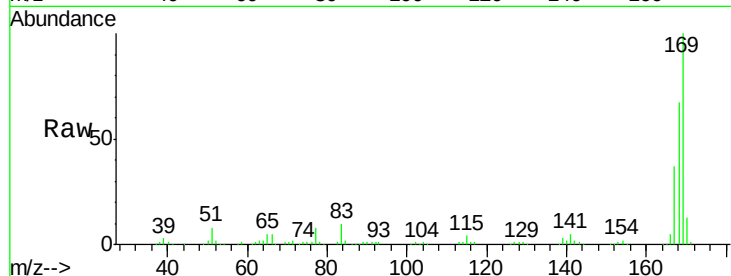




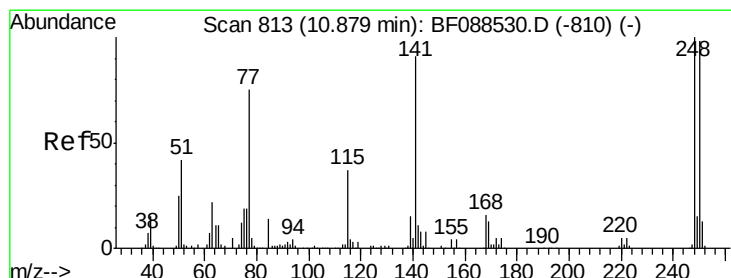
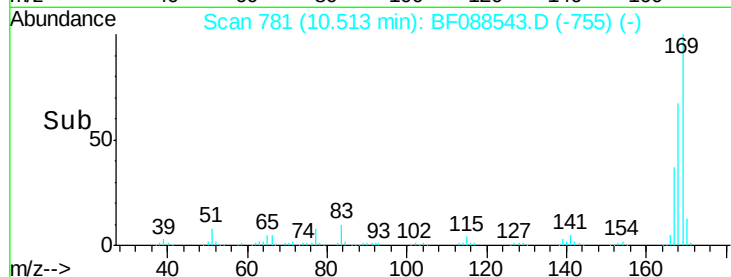
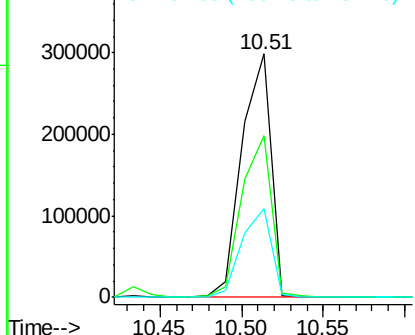
#65
 n-Nitrosodiphenylamine
 Concen: 22.89 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:169 Resp: 369322
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 36.6 29.4 44.0

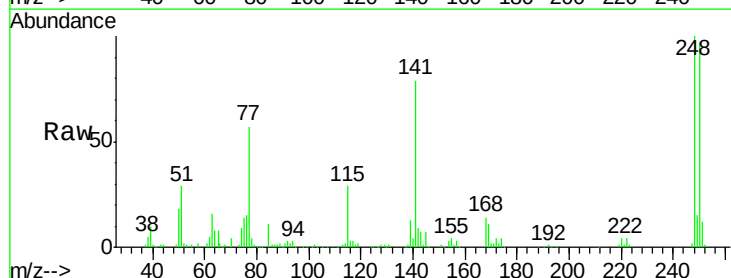


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

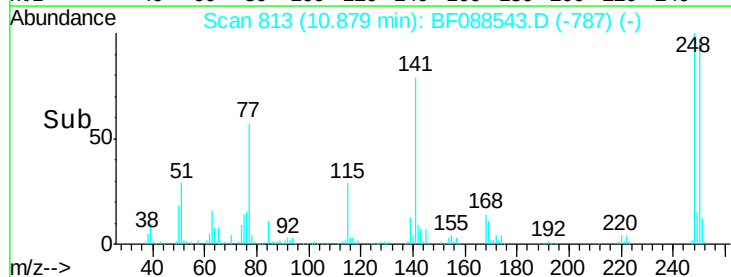
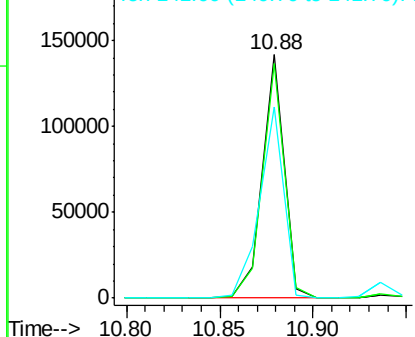


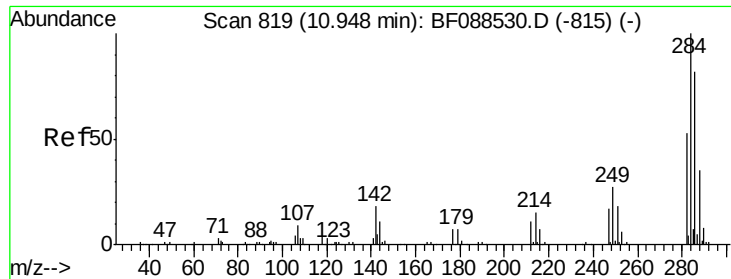
#66
 4-Bromophenyl-phenylether
 Concen: 23.74 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:248 Resp: 114058
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 78.6 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

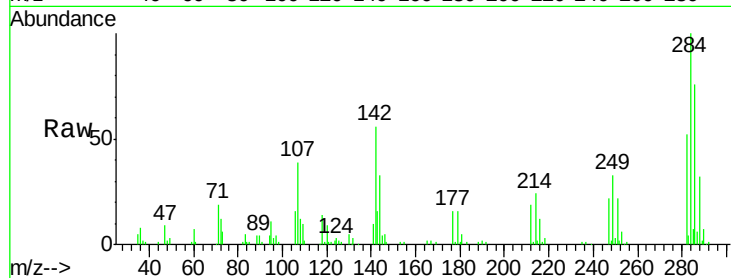




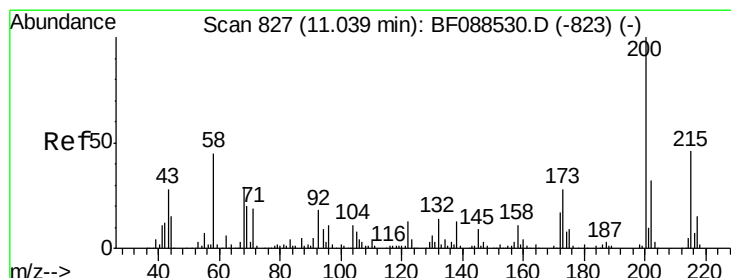
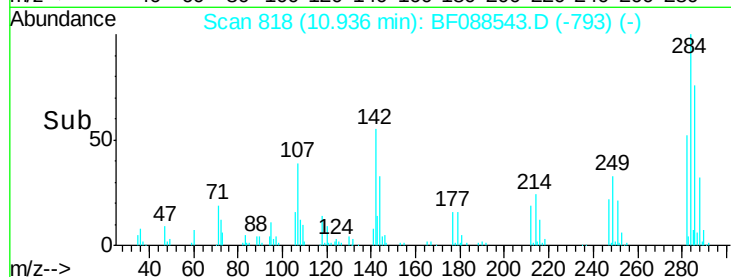
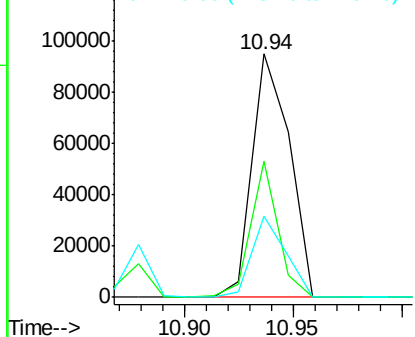
#67
Hexachlorobenzene
Concen: 21.40 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:284 Resp: 113835
Ion Ratio Lower Upper
284 100
142 55.8 35.8 53.8#
249 33.5 25.8 38.6

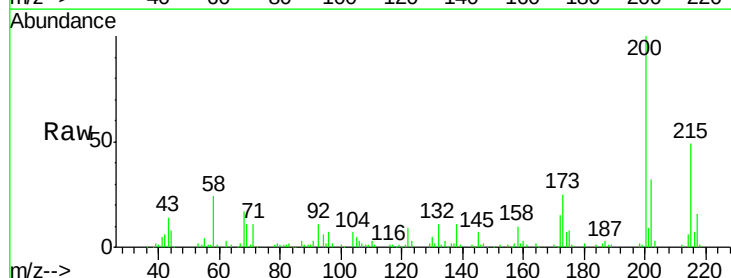


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

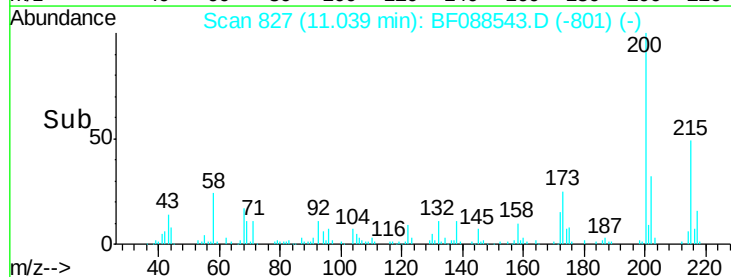
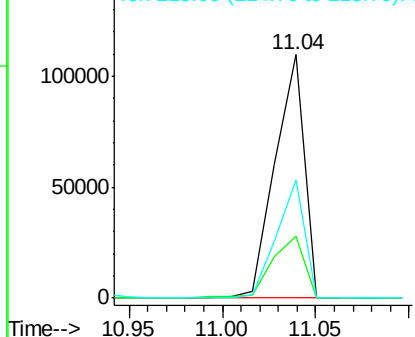


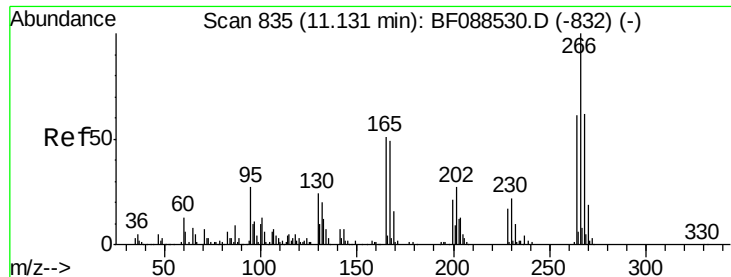
#68
Atrazine
Concen: 23.72 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:200 Resp: 119290
Ion Ratio Lower Upper
200 100
173 25.4 4.0 44.0
215 48.7 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

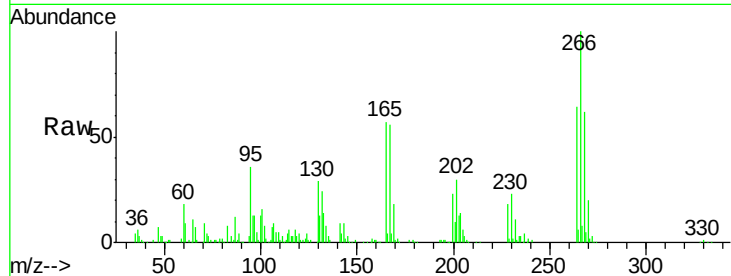




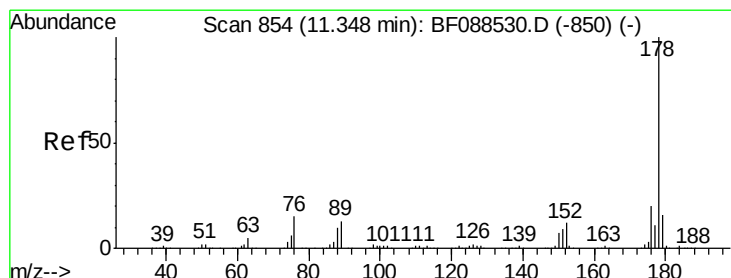
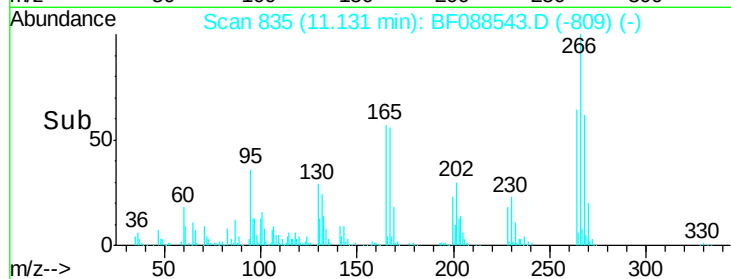
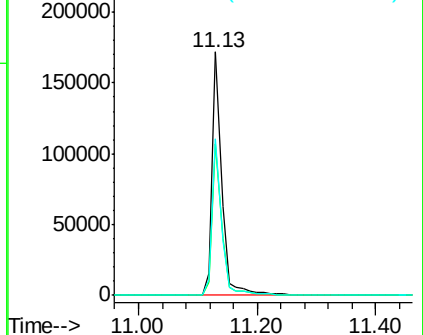
#69
 Pentachlorophenol
 Concen: 61.73 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion: 266 Resp: 194305
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.8 79.2
 264 64.5 49.6 74.4

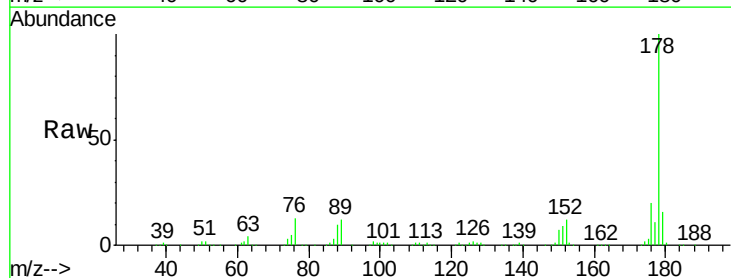


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

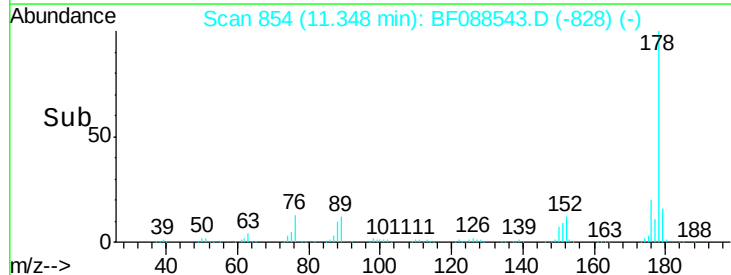
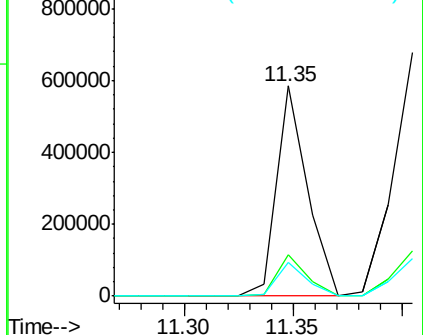


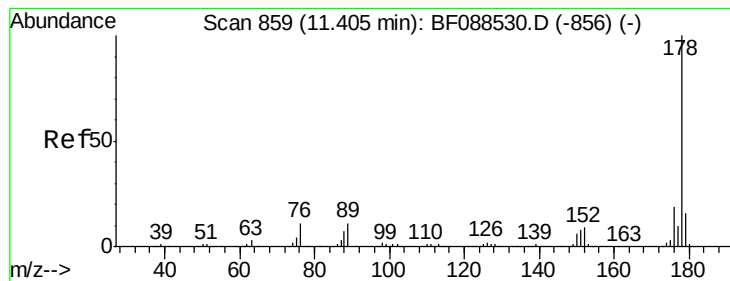
#70
 Phenanthrene
 Concen: 22.30 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion: 178 Resp: 581126
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.9 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: 25.21 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

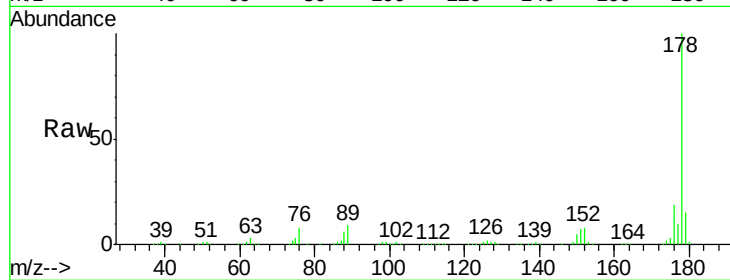
Tgt Ion:178 Resp: 653315

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

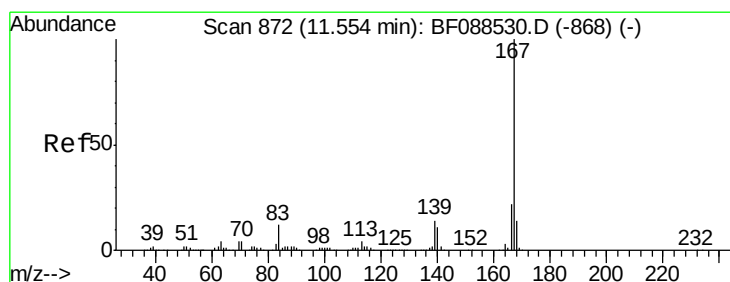
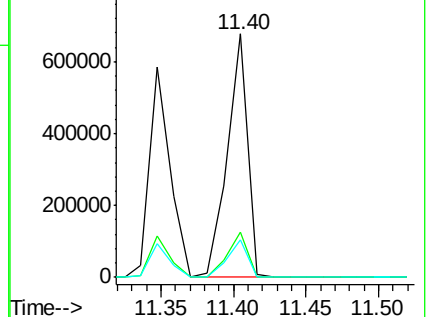
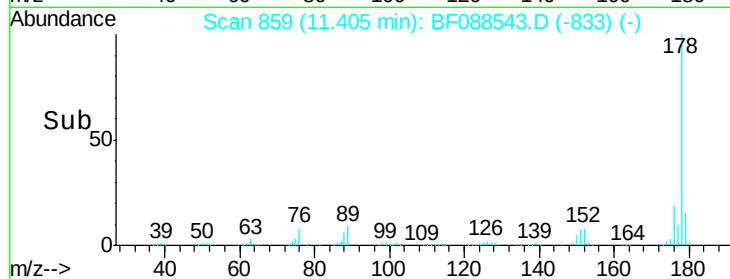
179 15.3 12.8 19.2



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: 23.76 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

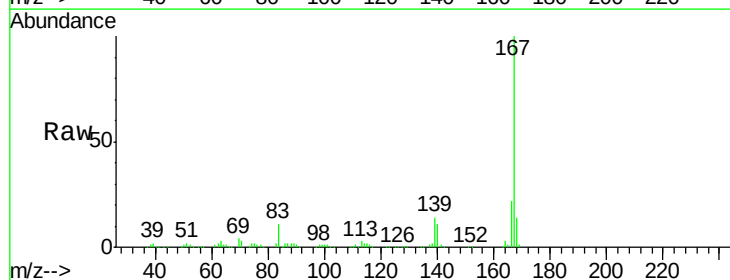
Tgt Ion:167 Resp: 579512

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

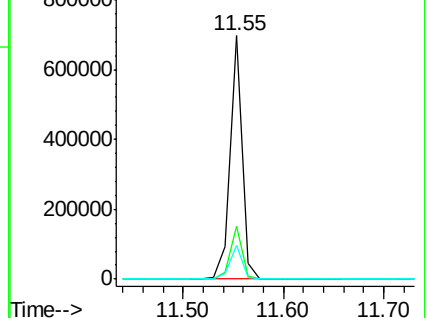
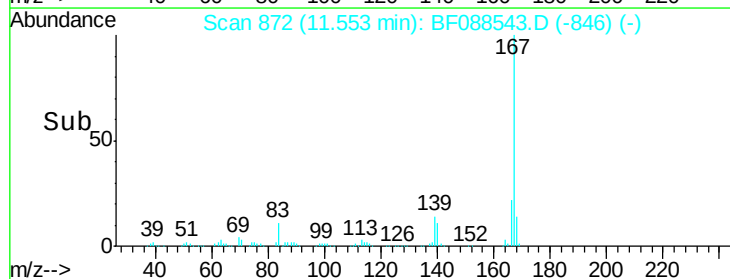
139 13.8 11.2 16.8

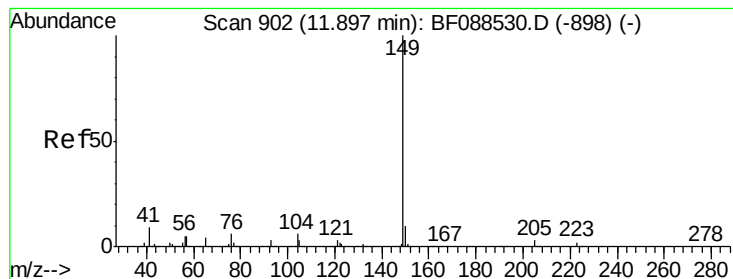


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 23.15 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

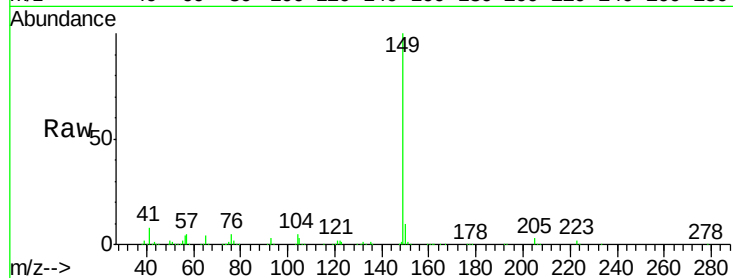
Tgt Ion:149 Resp: 656715

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

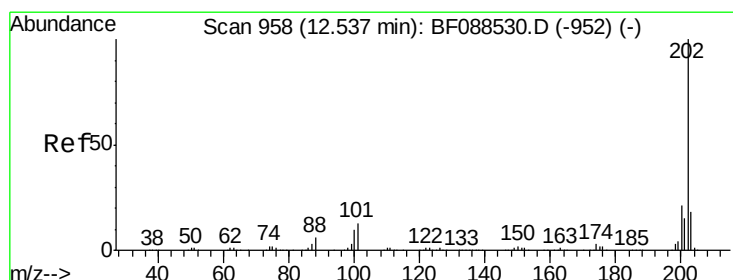
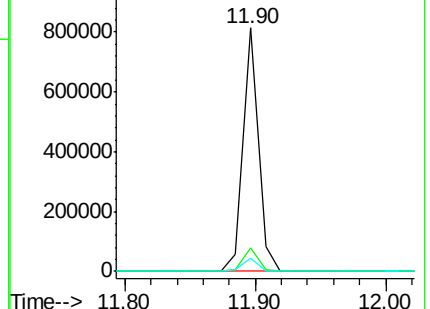
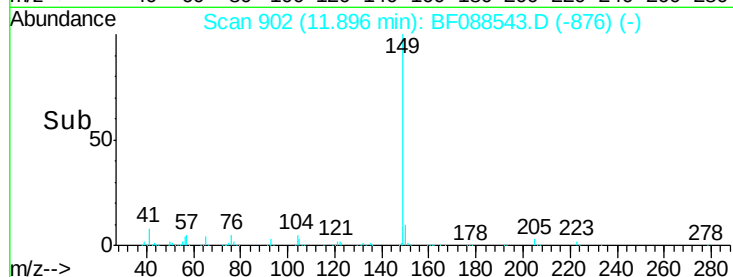
104 5.5 4.0 6.0



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: 24.31 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

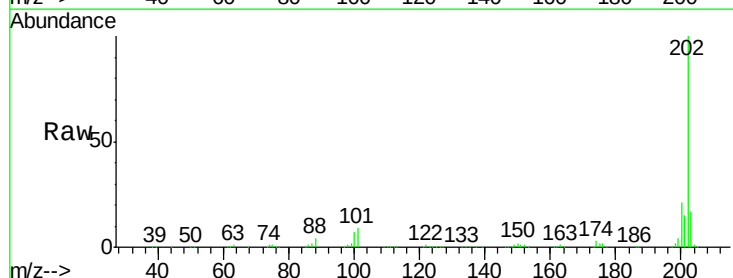
Tgt Ion:202 Resp: 642324

Ion Ratio Lower Upper

202 100

101 8.7 0.0 33.1

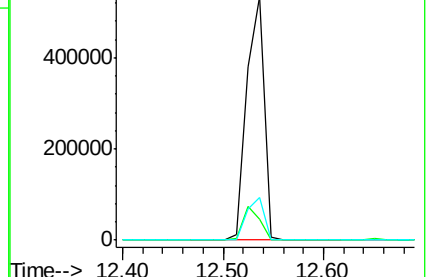
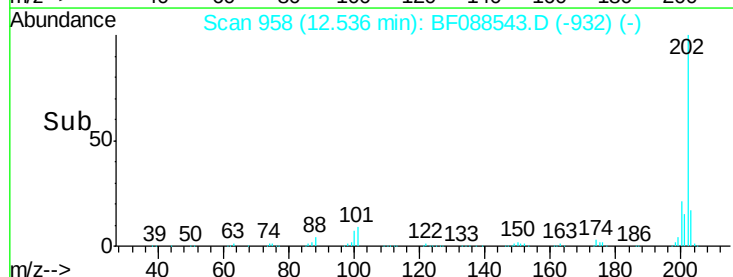
203 17.5 0.0 38.1

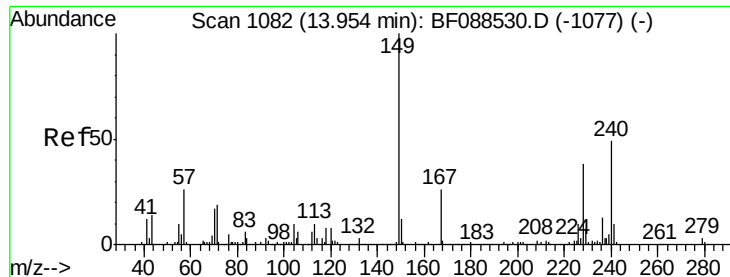


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

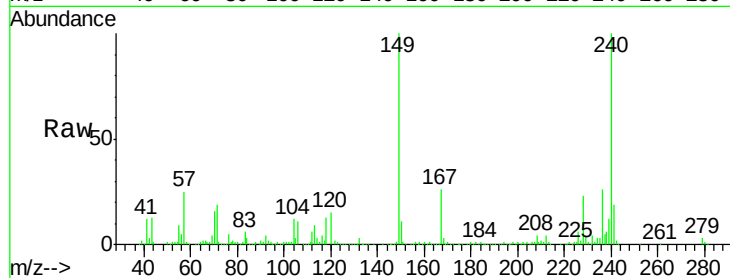
Tgt Ion:240 Resp: 362032

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

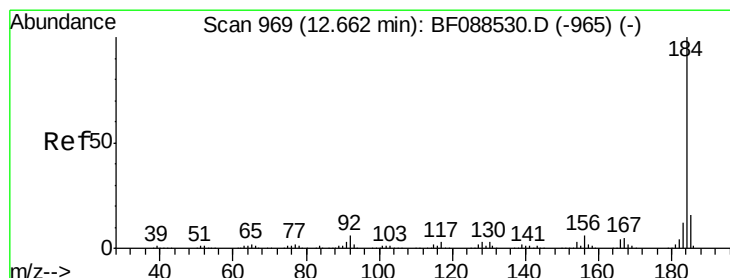
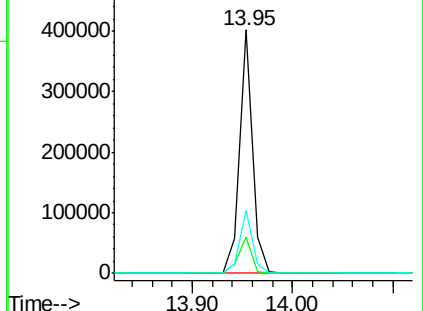
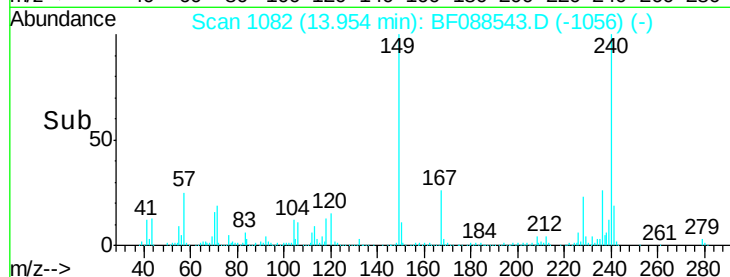
236 26.0 20.2 30.2



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: 31.18 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

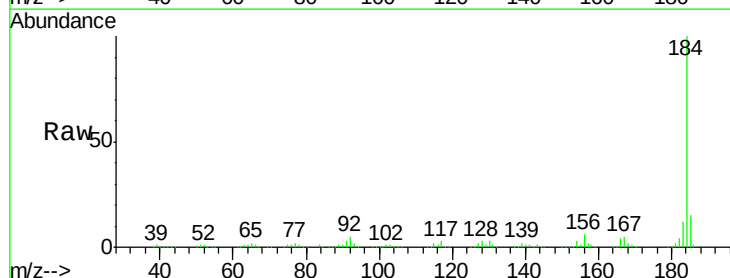
Tgt Ion:184 Resp: 570515

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

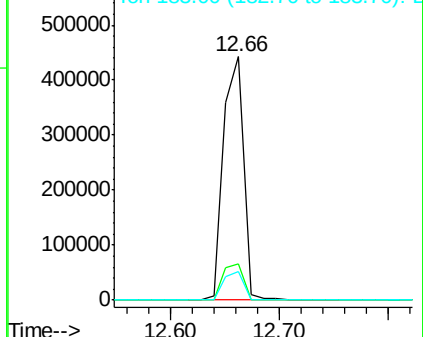
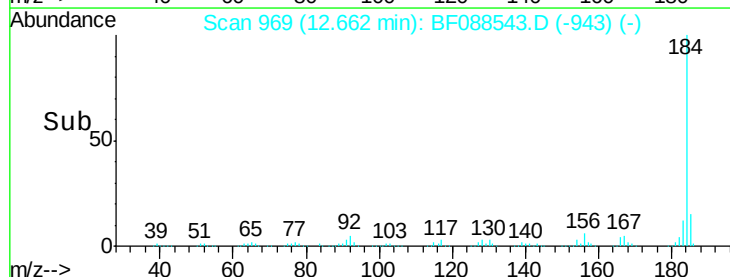
183 11.7 9.3 13.9

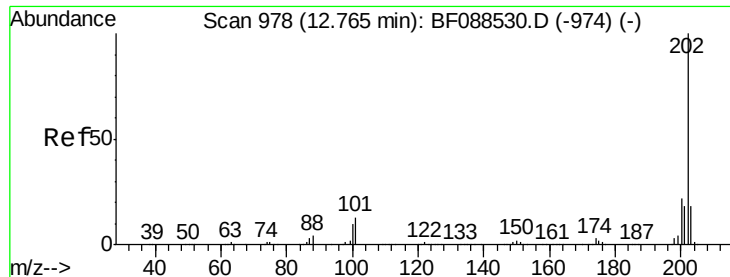


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

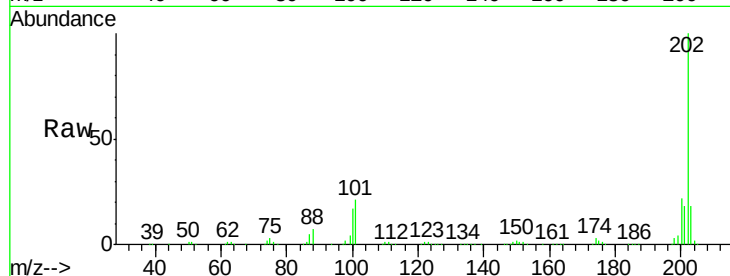




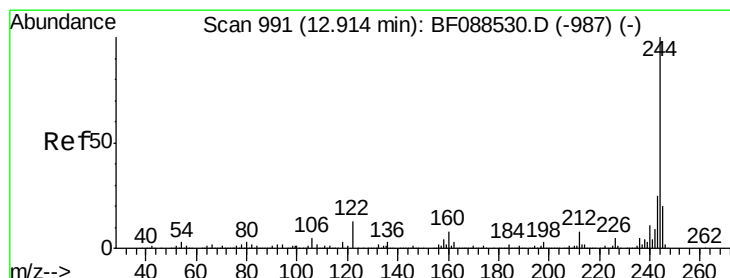
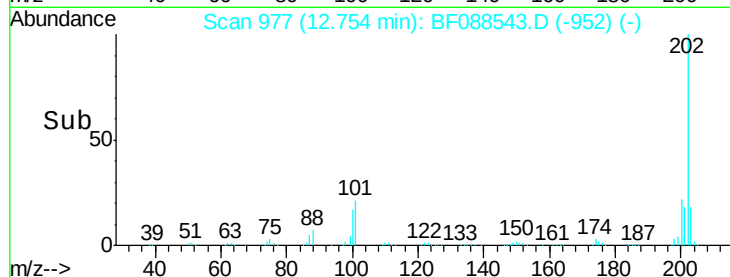
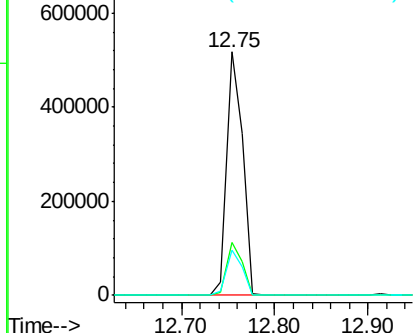
#77
 Pyrene
 Concen: 20.03 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion: 202 Resp: 614772
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 18.5 14.5 21.7

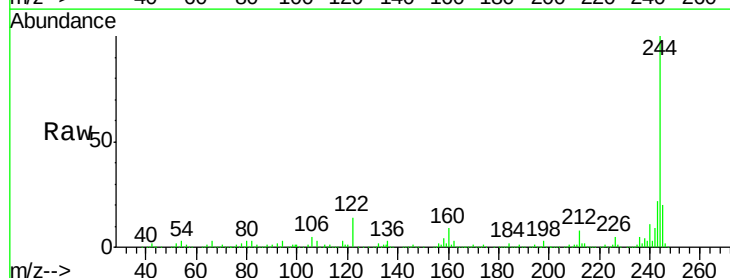


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

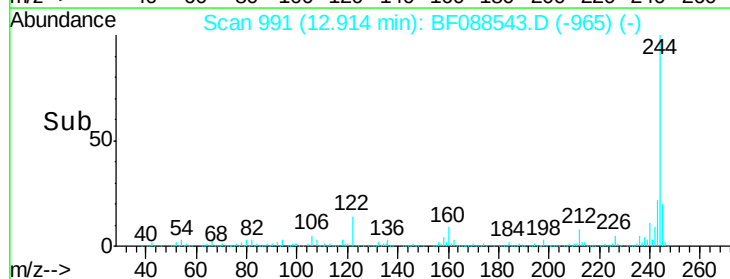
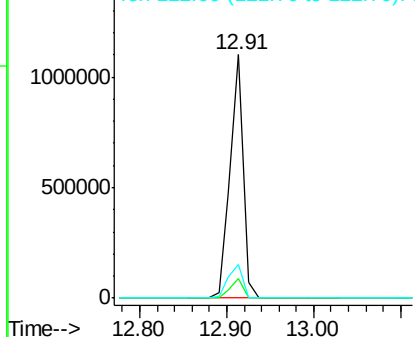


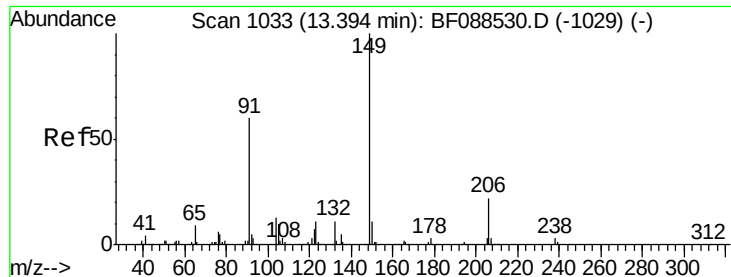
#78
 Terphenyl-d14
 Concen: 70.74 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion: 244 Resp: 1149747
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 13.9 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: 19.92 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

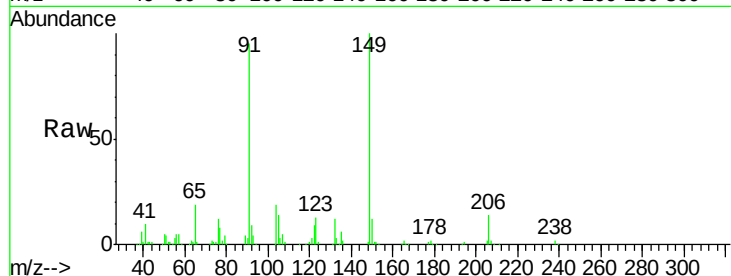
Tgt Ion:149 Resp: 272706

Ion Ratio Lower Upper

149 100

91 94.9 48.0 72.0#

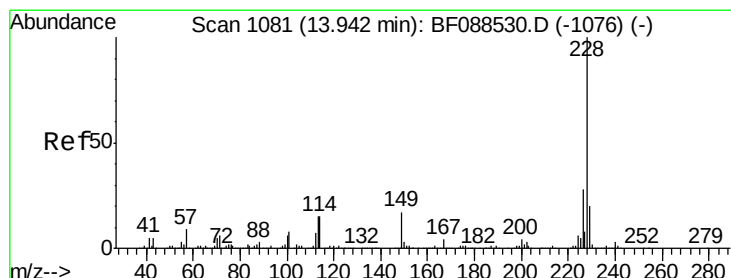
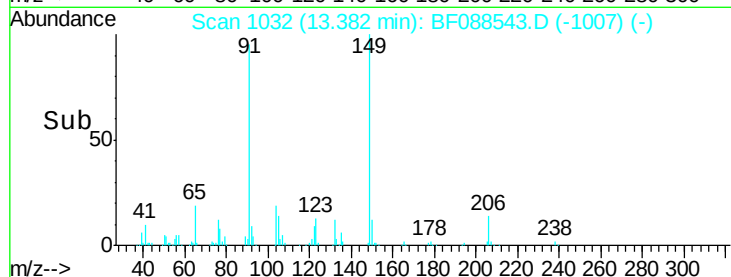
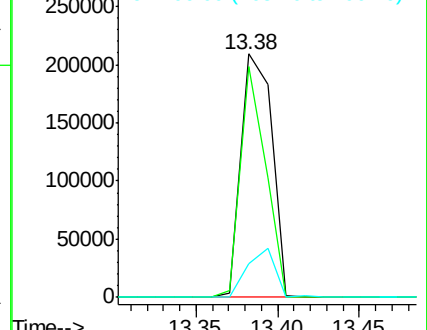
206 13.8 16.0 24.0#



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: 23.02 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

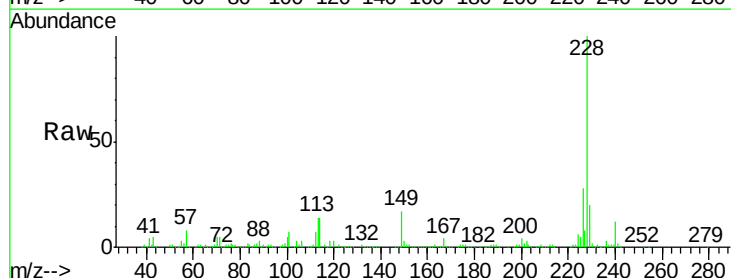
Tgt Ion:228 Resp: 536547

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

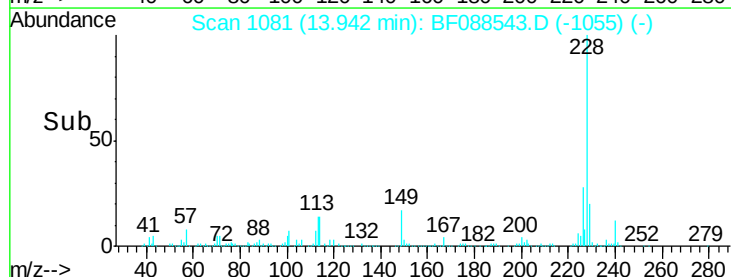
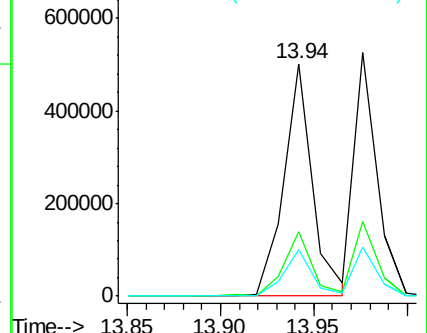
229 20.1 16.0 24.0

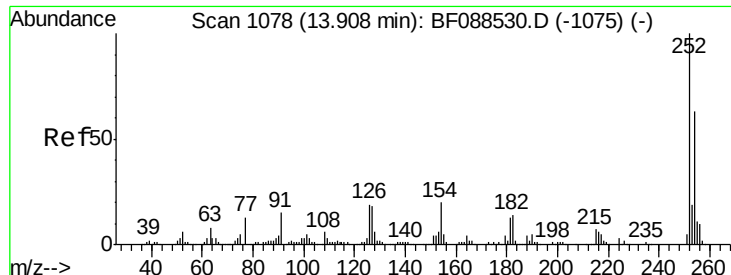


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

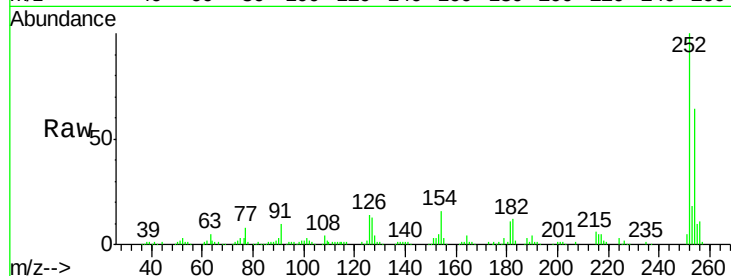




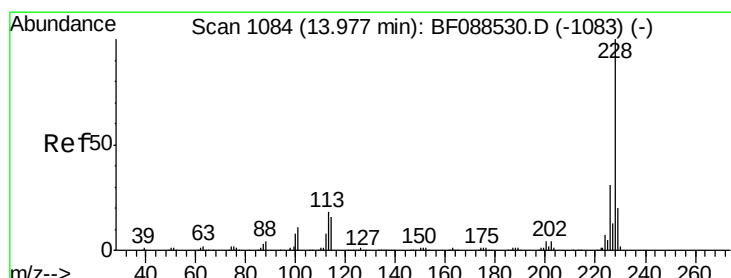
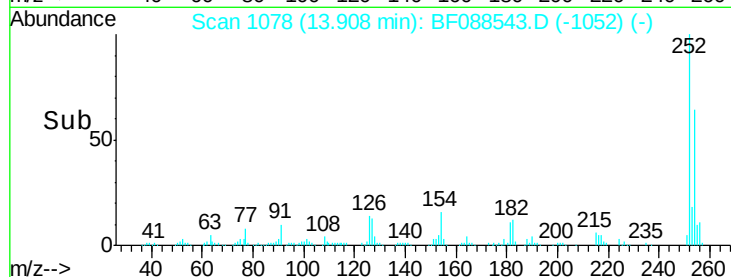
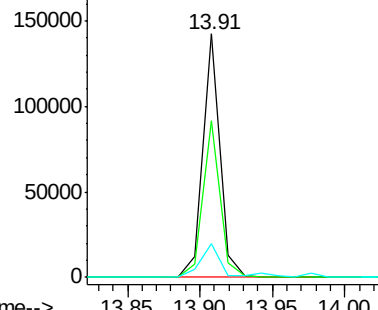
#81
 3,3'-Dichlorobenzidine
 Concen: 13.28 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:252 Resp: 116361
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 13.9 6.2 9.2#

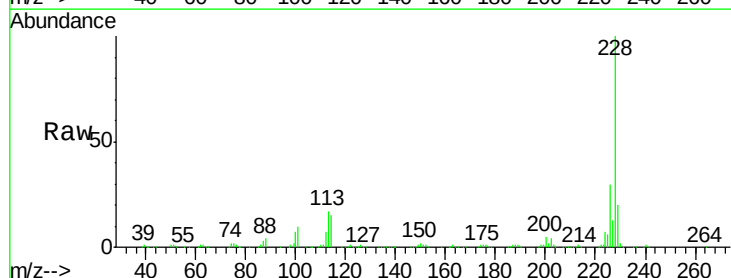


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

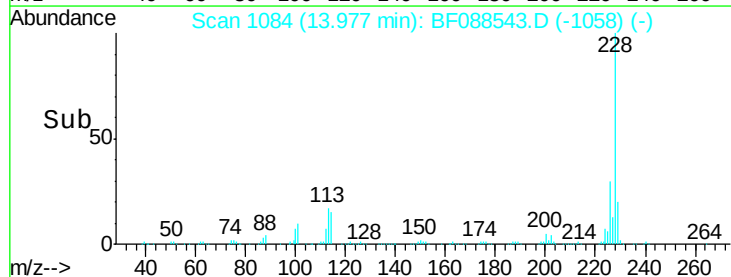
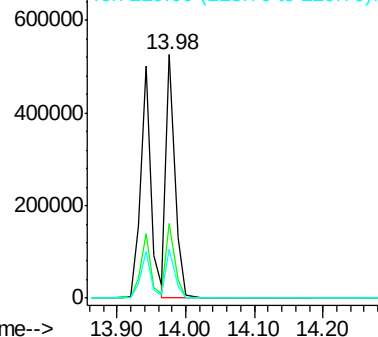


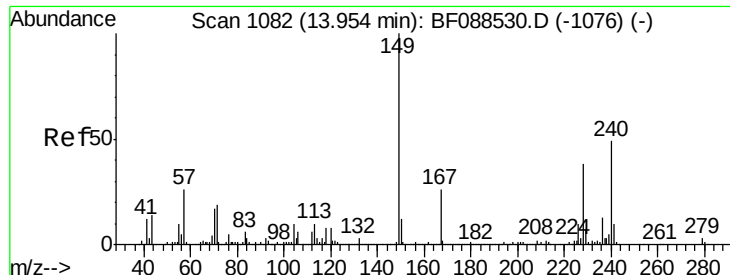
#82
 Chrysene
 Concen: 20.05 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:228 Resp: 462522
 Ion Ratio Lower Upper
 228 100
 226 30.4 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

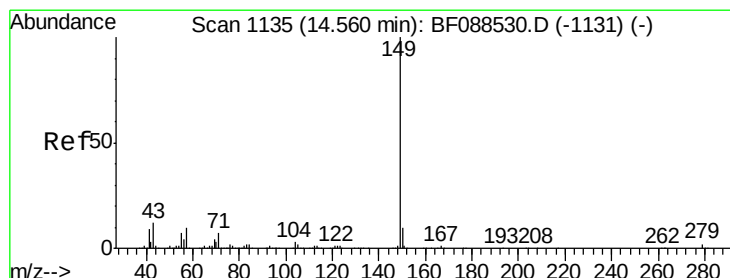
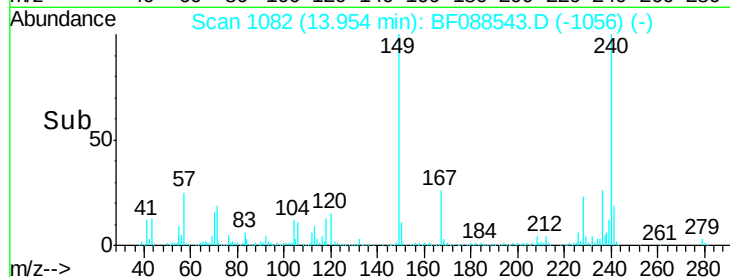
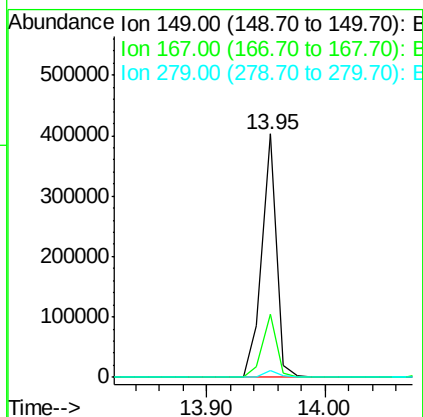
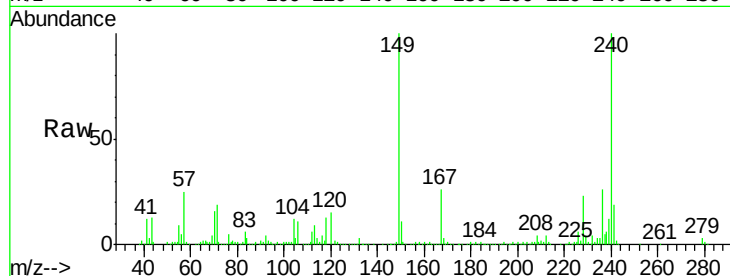




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.60 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

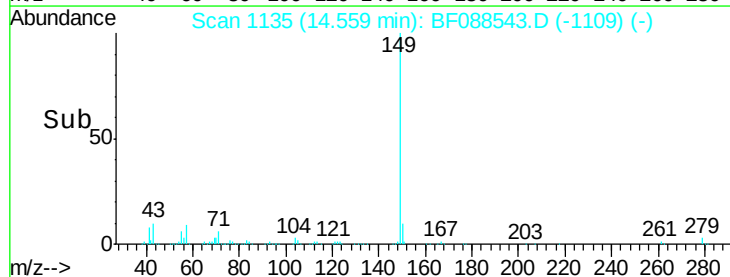
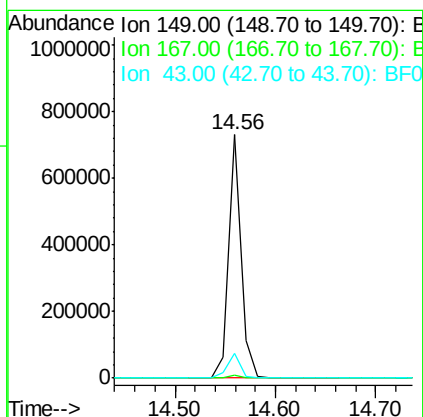
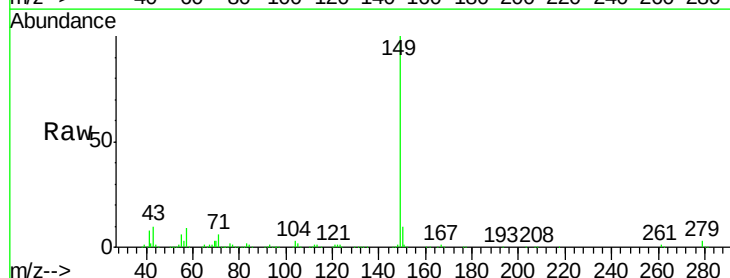
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

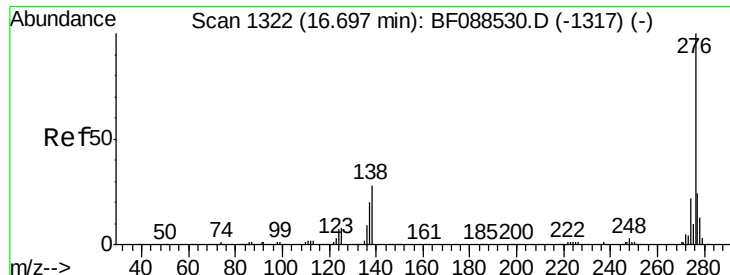
Tgt Ion:149 Resp: 353312
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.5 30.7
 279 3.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 23.71 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion:149 Resp: 629709
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 10.8 0.0 0.0#

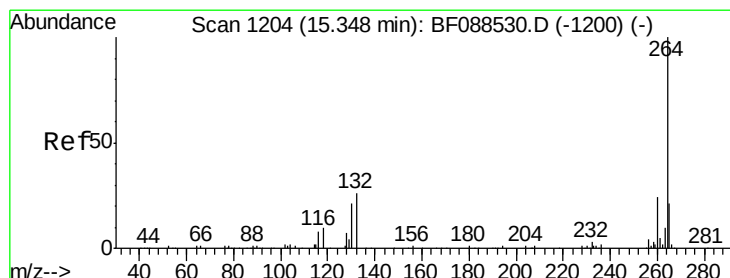
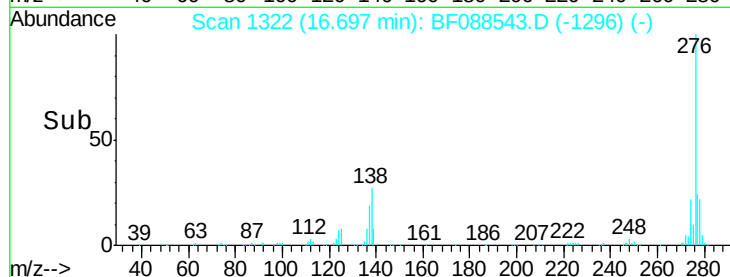
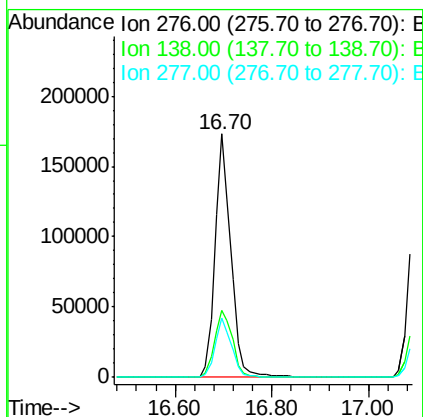
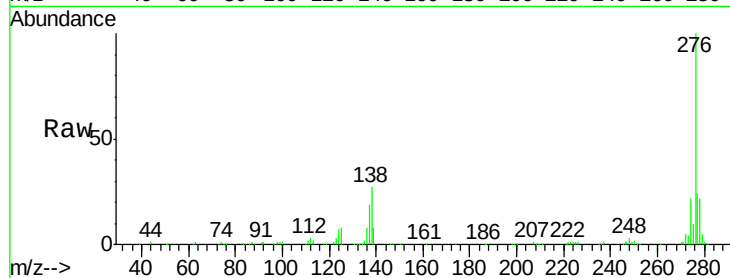




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.69 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

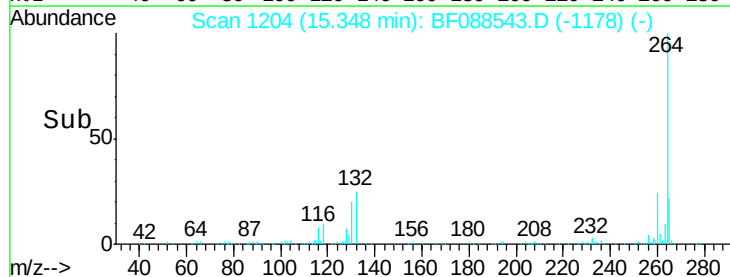
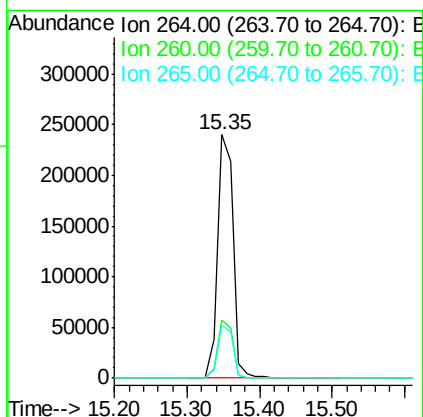
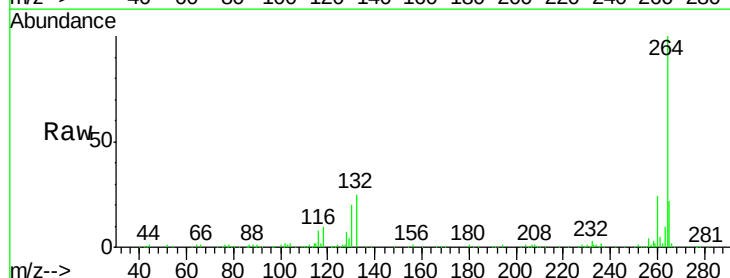
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

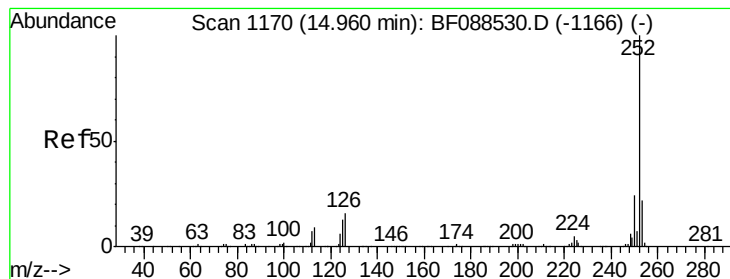
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	0.0#
277	24.8	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 41.78 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.02 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

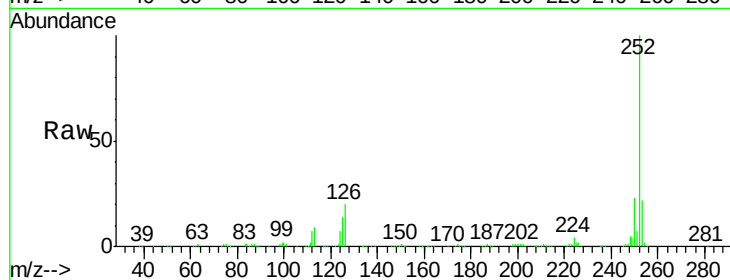
Tgt Ion:252 Resp: 931920

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

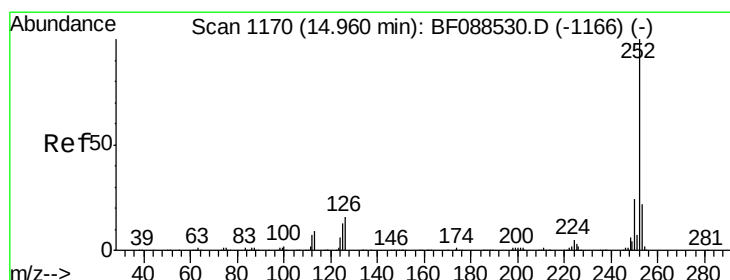
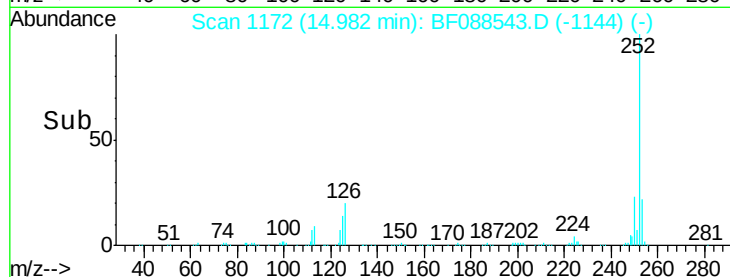
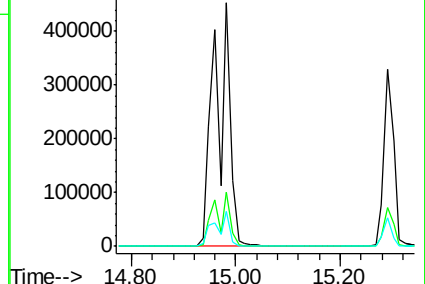
125 14.1 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.00 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

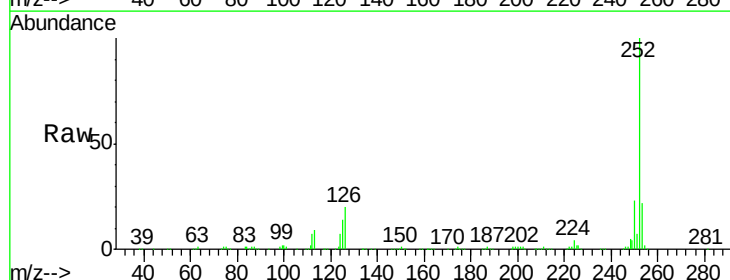
Tgt Ion:252 Resp: 931933

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

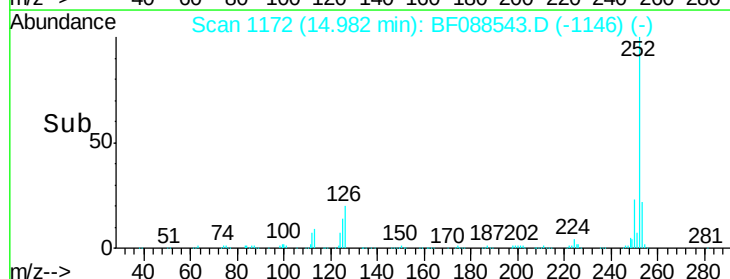
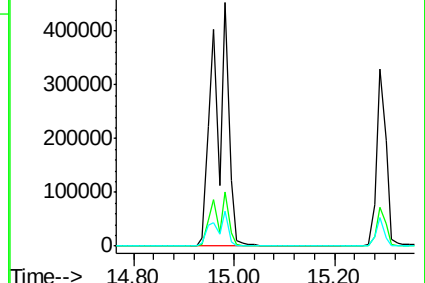
125 14.1 11.2 16.8

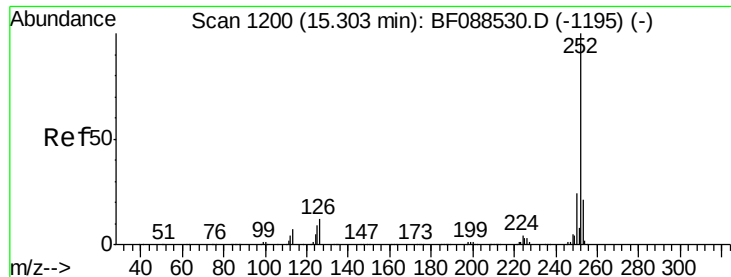


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.31 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

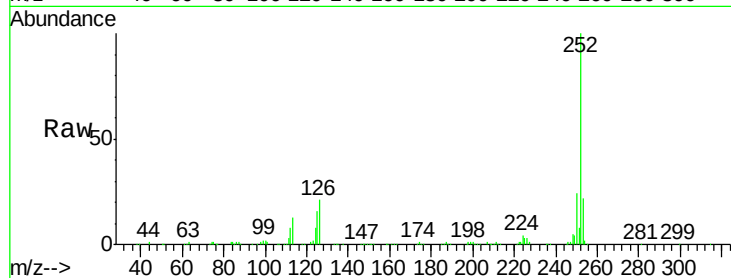
Tgt Ion:252 Resp: 440253

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

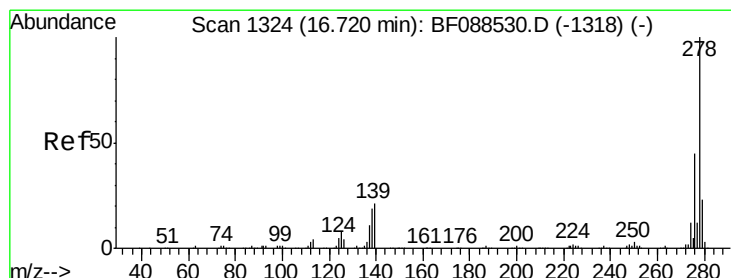
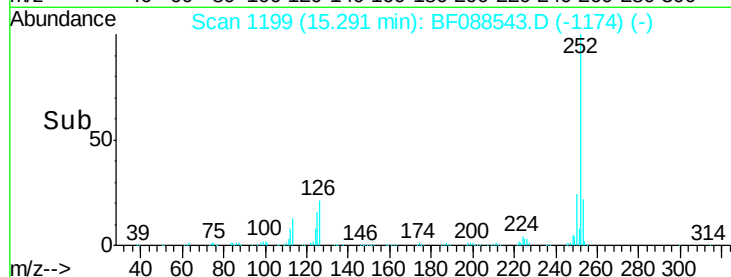
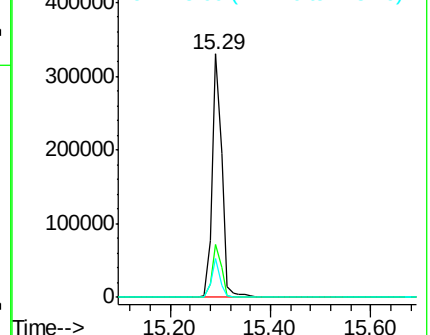
125 15.9 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 20.90 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

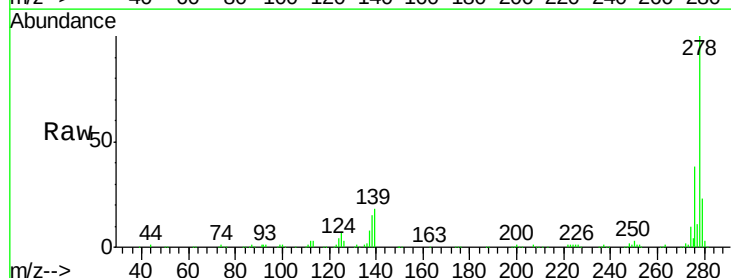
Tgt Ion:278 Resp: 329605

Ion Ratio Lower Upper

278 100

139 18.0 15.7 23.5

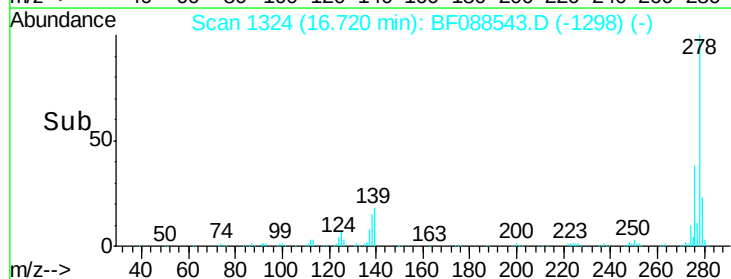
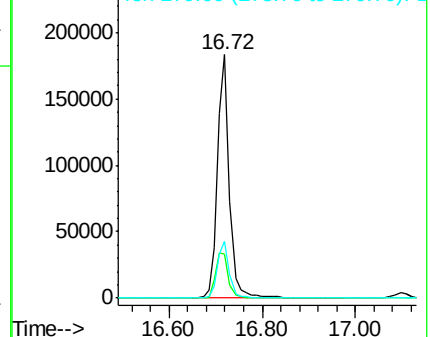
279 23.4 19.4 29.2

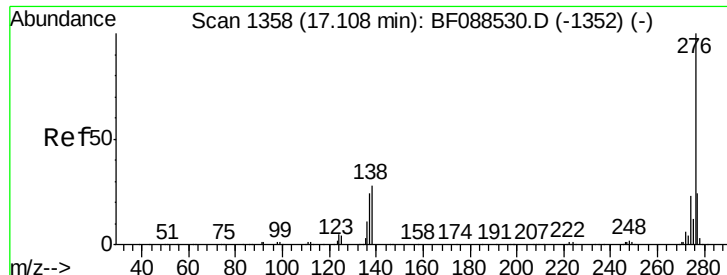


Abundance Ion 278.00 (277.70 to 278.70): E

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: 19.86 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

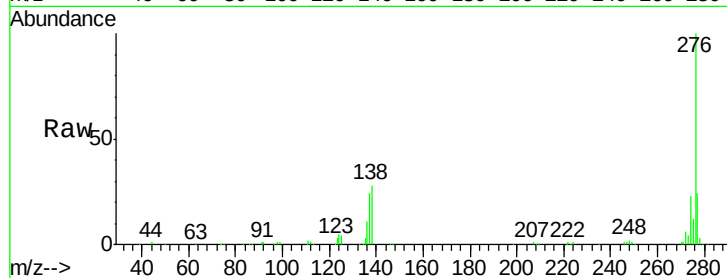
Tgt Ion: 276 Resp: 324020

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 28.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

