

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088536.D
 Acq On : 30 Jun 2016 18:33
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Quant Time: Jul 01 01:28:19 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	150740	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	633979	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	286086	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	548739	20.00	ng	0.00
75) Chrysene-d12	13.95	240	322877	20.00	ng	0.00
86) Perylene-d12	15.36	264	315029	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1180785	117.40	ng	0.02
7) Phenol-d6	6.46	99	1469854	113.10	ng	0.01
23) Nitrobenzene-d5	7.38	82	923338	76.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	277940	104.62	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1506628	83.19	ng	0.00
78) Terphenyl-d14	12.91	244	1174971	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	162222	32.53	ng	# 33
3) Pyridine	3.18	79	477768	33.02	ng	96
4) n-Nitrosodimethylamine	3.13	42	222297	40.21	ng	91
6) Aniline	6.48	93	436295	23.04	ng	97
8) 2-Chlorophenol	6.60	128	458298	42.40	ng	90
10) Phenol	6.47	94	638126	43.02	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	480458	43.44	ng	89
12) 1,3-Dichlorobenzene	6.83	146	438887	36.90	ng	98
13) 1,4-Dichlorobenzene	6.83	146	438887	37.17	ng	97
14) 1,2-Dichlorobenzene	6.99	146	394382	35.69	ng	97
15) Benzyl Alcohol	6.96	79	363953	38.05	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	639956	39.95	ng	90
17) 2-Methylphenol	7.07	107	370245	41.98	ng	98
18) Hexachloroethane	7.34	117	181312	39.70	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	358139	41.03	ng	# 87
20) 3+4-Methylphenols	7.23	107	467769	44.20	ng	# 79
22) Acetophenone	7.23	105	594629	38.64	ng	# 86
24) Nitrobenzene	7.40	77	539586	44.24	ng	95
25) Isophorone	7.64	82	931200	41.55	ng	97
26) 2-Nitrophenol	7.71	139	201468	40.28	ng	93
27) 2,4-Dimethylphenol	7.76	122	422903	40.59	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	616087	42.25	ng	97
29) 2,4-Dichlorophenol	7.95	162	349975	41.57	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	371053	40.16	ng	99
31) Naphthalene	8.12	128	1267074	40.54	ng	100
32) Benzoic acid	7.90	122	281207	37.18	ng	92
33) 4-Chloroaniline	8.17	127	193895	13.94	ng	98
34) Hexachlorobutadiene	8.25	225	197924	40.01	ng	98
35) Caprolactam	8.55	113	81099	28.36	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	431657	43.36	ng	96
37) 2-Methylnaphthalene	8.81	142	769953	38.26	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312960	32.89	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	343967	73.65	ng	98
42) 2,4,6-Trichlorophenol	9.10	196	258179	41.15	ng	100

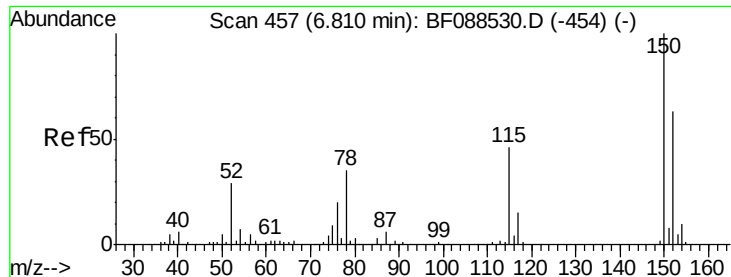
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	267314	49.52	ng	98
45) 1,1'-Biphenyl	9.28	154	871838	36.80	ng	98
46) 2-Chloronaphthalene	9.30	162	719221	38.67	ng	98
47) 2-Nitroaniline	9.39	65	242868	36.80	ng	97
48) Acenaphthylene	9.71	152	1111700	37.57	ng	99
49) Dimethylphthalate	9.59	163	923866	45.33	ng	100
50) 2,6-Dinitrotoluene	9.64	165	223585	49.50	ng	96
51) Acenaphthene	9.88	154	742064	40.91	ng	98
52) 3-Nitroaniline	9.80	138	129260	22.51	ng	99
53) 2,4-Dinitrophenol	9.91	184	178047	89.27	ng	# 88
54) Dibenzofuran	10.06	168	982928	41.40	ng	# 88
55) 4-Nitrophenol	9.96	139	348628	79.89	ng	96
56) 2,4-Dinitrotoluene	10.04	165	294733	49.90	ng	# 68
57) Fluorene	10.40	166	677617	37.04	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	188924	45.24	ng	# 52
59) Diethylphthalate	10.28	149	865367	42.31	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	346855	40.80	ng	89
61) 4-Nitroaniline	10.42	138	213663	38.67	ng	87
62) Azobenzene	10.55	77	1057555	45.33	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	117324	39.97	ng	92
65) n-Nitrosodiphenylamine	10.51	169	672316	36.20	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	209226	37.84	ng	# 76
67) Hexachlorobenzene	10.95	284	244187	39.89	ng	# 88
68) Atrazine	11.04	200	206064	35.61	ng	92
69) Pentachlorophenol	11.14	266	308074	85.04	ng	98
70) Phenanthrene	11.36	178	1253310	41.78	ng	99
71) Anthracene	11.41	178	1081217	36.25	ng	100
72) Carbazole	11.57	167	1166232	41.54	ng	98
73) Di-n-butylphthalate	11.90	149	1274360	39.03	ng	# 98
74) Fluoranthene	12.54	202	1134926	37.32	ng	98
76) Benzidine	12.66	184	429203	26.30	ng	99
77) Pyrene	12.77	202	1216934	44.45	ng	100
79) Butylbenzylphthalate	13.39	149	600332	49.16	ng	# 88
80) Benzo(a)anthracene	13.94	228	923182	44.40	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	146150	18.70	ng	# 93
82) Chrysene	13.99	228	965941	46.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	635037	45.55	ng	99
84) Di-n-octyl phthalate	14.56	149	1149150	48.52	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	785183	49.62	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	765371	38.73	ng	# 95
88) Benzo(k)fluoranthene	14.96	252	765371	44.49	ng	100
89) Benzo(a)pyrene	15.30	252	731664	43.73	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	638646	45.71	ng	99
91) Benzo(g,h,i)perylene	17.12	276	679837	47.02	ng	99

(#) = 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: BF088536.D

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BNA_F

ClientSampleId :

PB91573BS

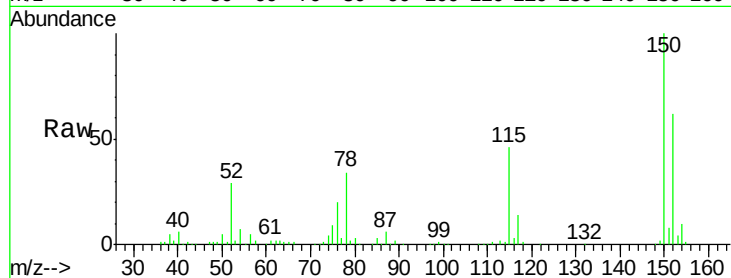
Tgt Ion:152 Resp: 150740

Ion Ratio Lower Upper

152 100

150 160.0 123.8 185.6

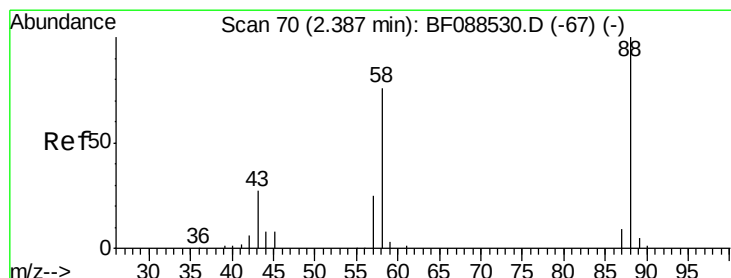
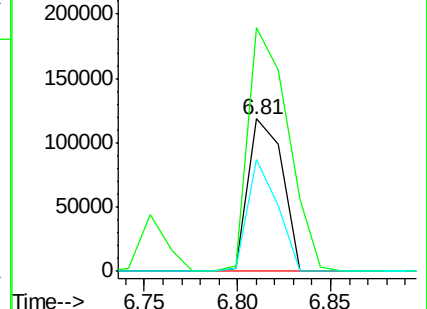
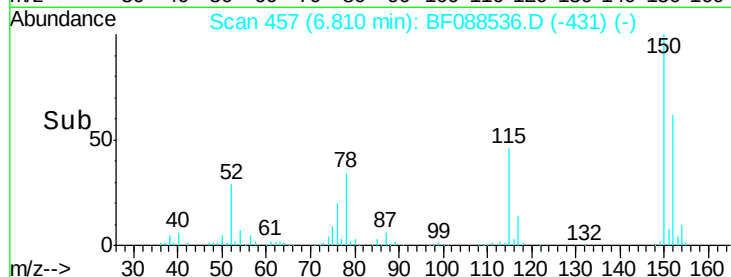
115 73.2 39.6 59.4#



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: 32.53 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

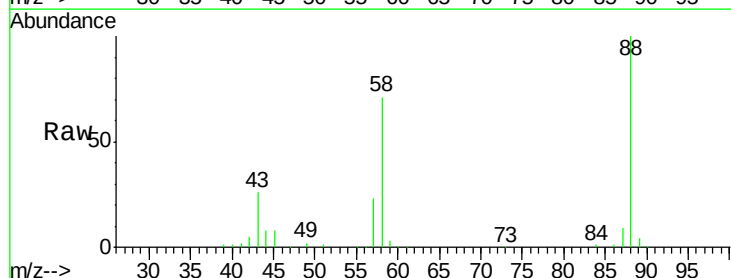
Tgt Ion: 88 Resp: 162222

Ion Ratio Lower Upper

88 100

58 73.4 0.0 0.0#

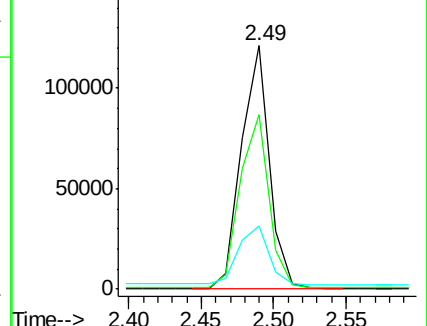
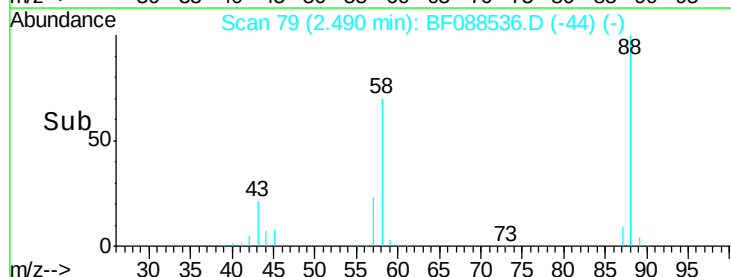
43 26.5 3.4 5.2#

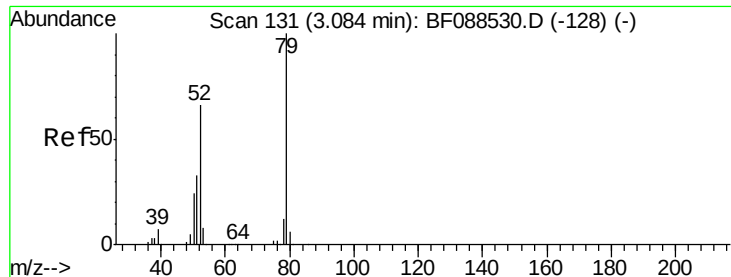


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.02 ng

RT: 3.18 min Scan# 139

Delta R.T. 0.09 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

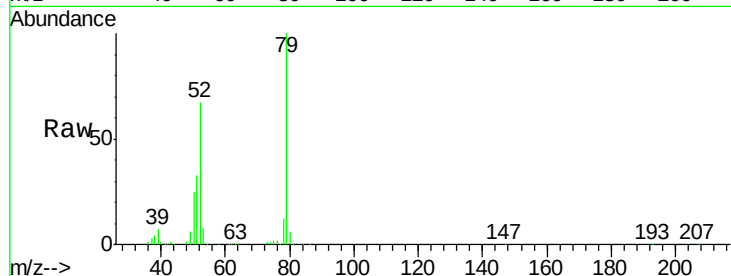
Tgt Ion: 79 Resp: 477768

Ion Ratio Lower Upper

79 100

52 67.0 56.3 84.5

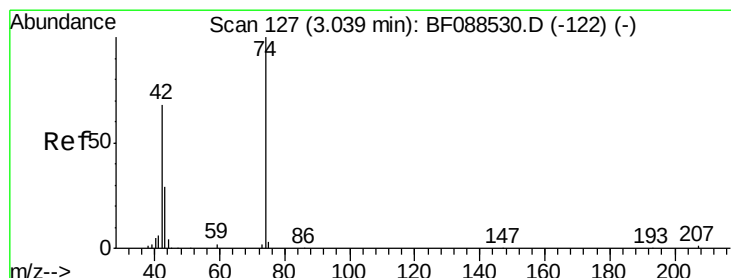
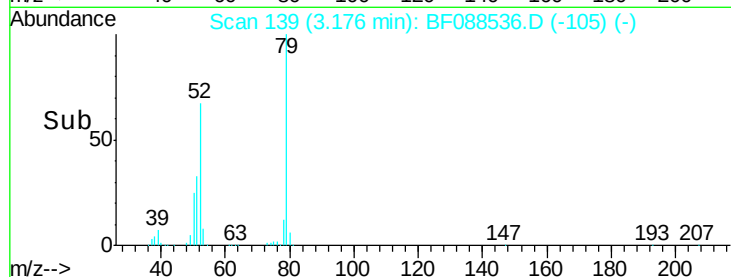
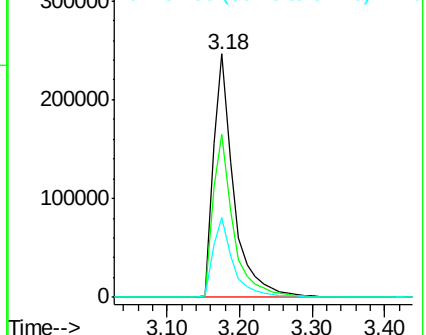
51 32.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.21 ng

RT: 3.13 min Scan# 135

Delta R.T. 0.09 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

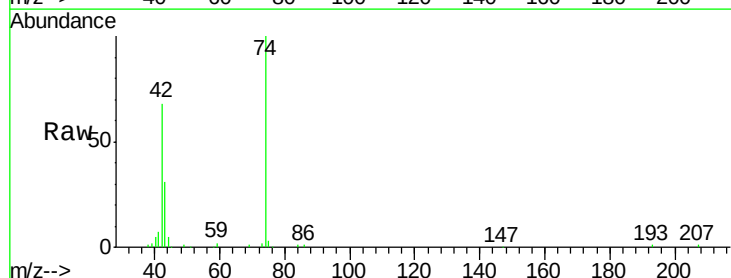
Tgt Ion: 42 Resp: 222297

Ion Ratio Lower Upper

42 100

74 146.8 108.6 163.0

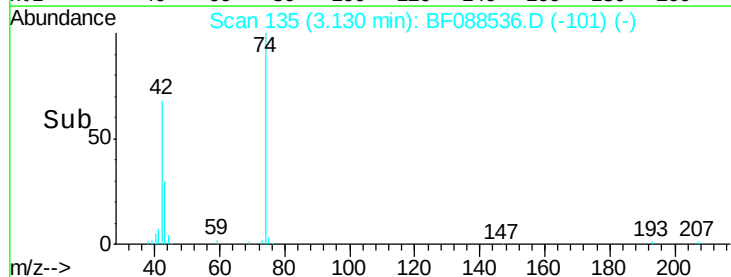
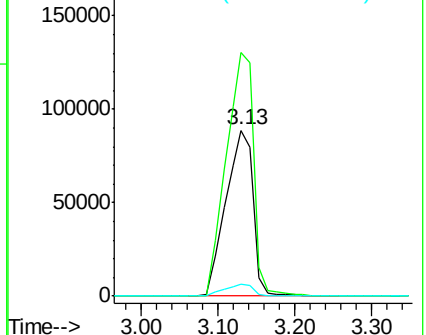
44 6.9 5.5 8.3

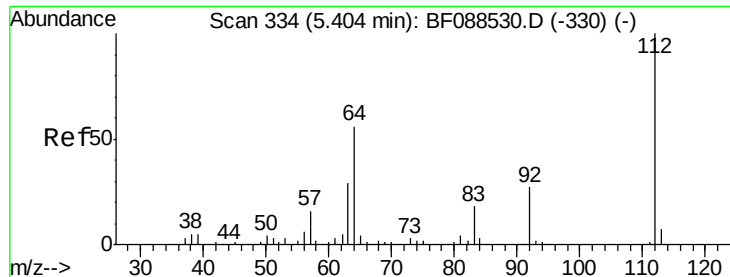


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.40 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

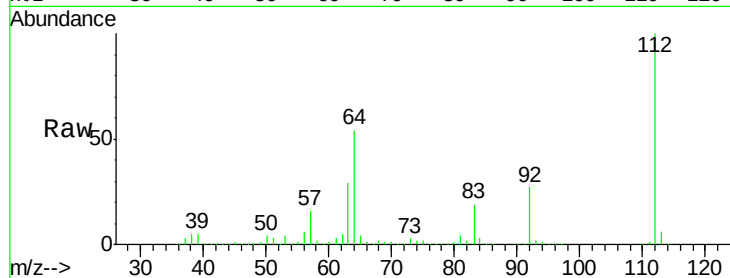
Tgt Ion: 112 Resp: 1180785

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

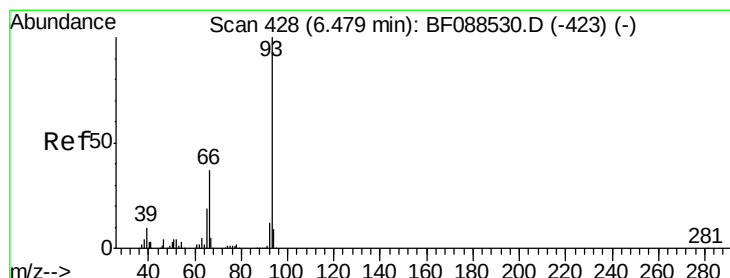
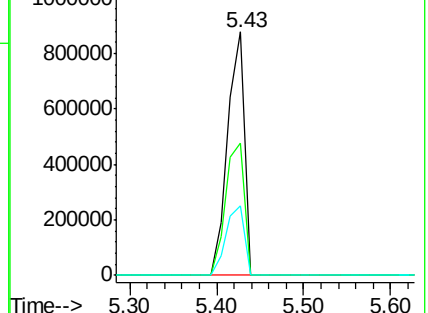
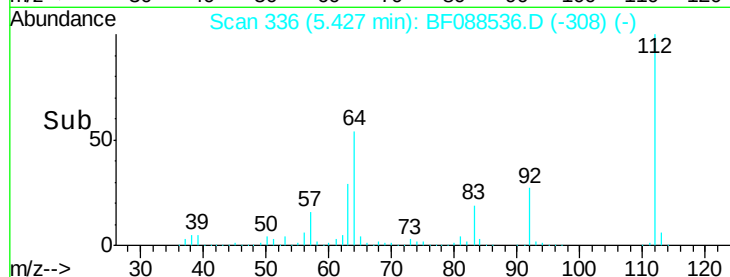
63 28.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.04 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

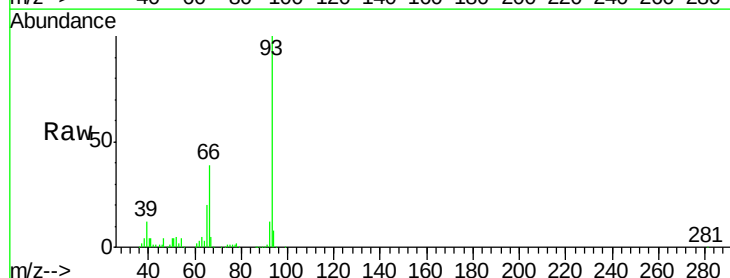
Tgt Ion: 93 Resp: 436295

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.8

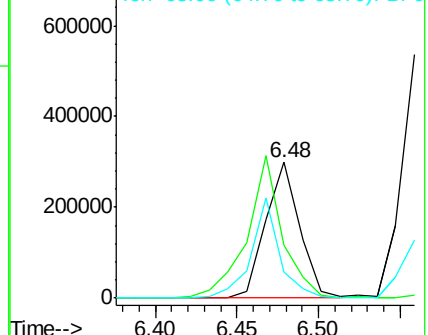
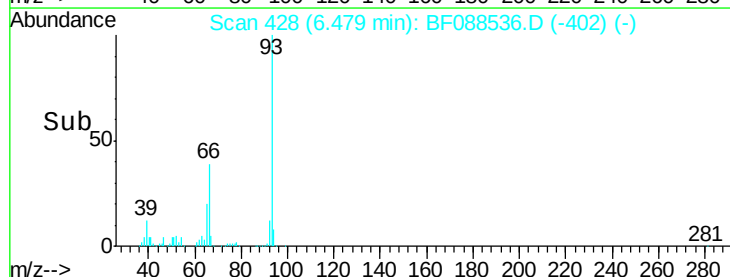
65 19.6 14.9 22.3

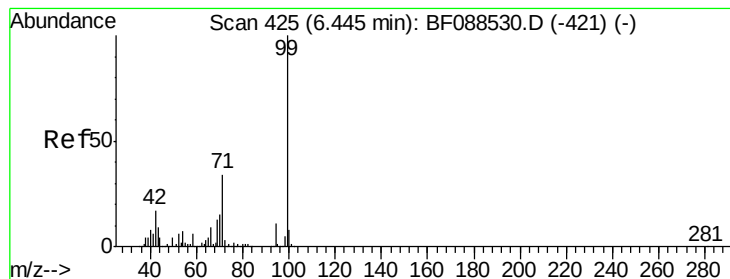


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.10 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088536.D

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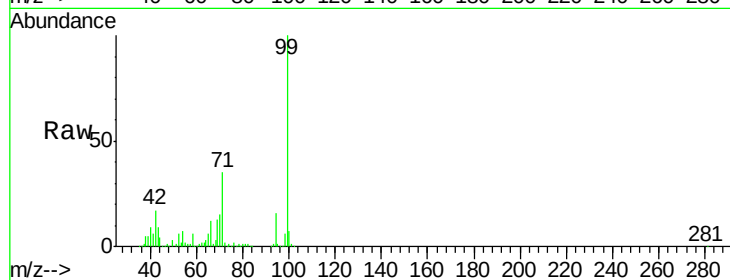
Tgt Ion: 99 Resp: 1469854

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

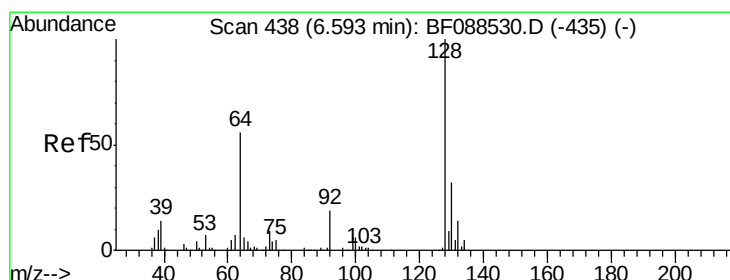
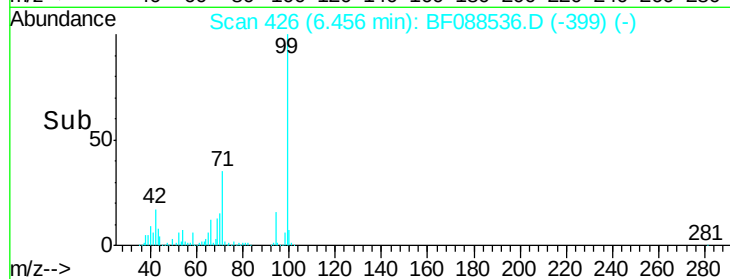
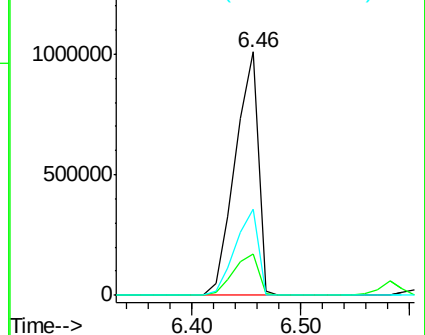
71 35.4 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.40 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

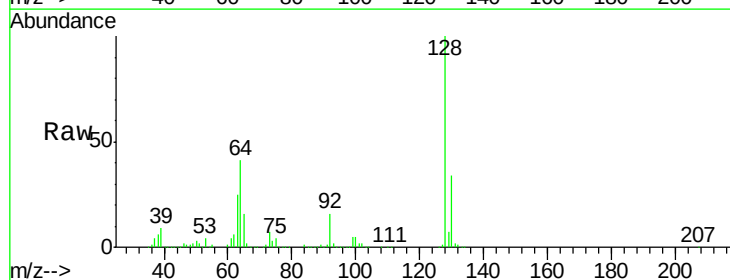
Tgt Ion: 128 Resp: 458298

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

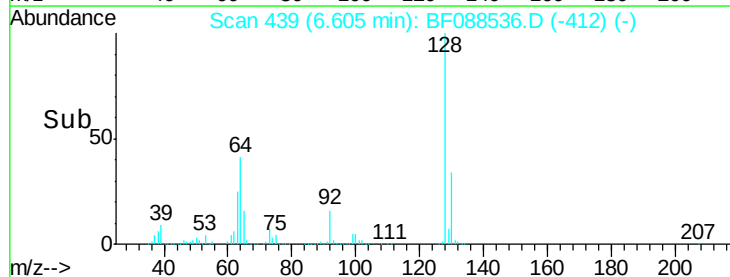
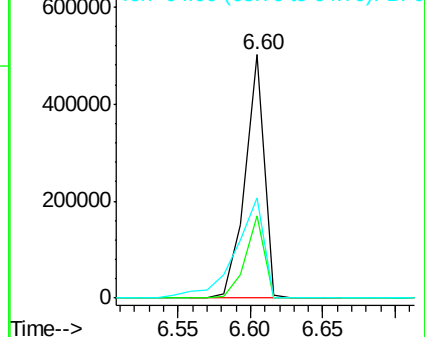
64 41.1 30.8 70.8

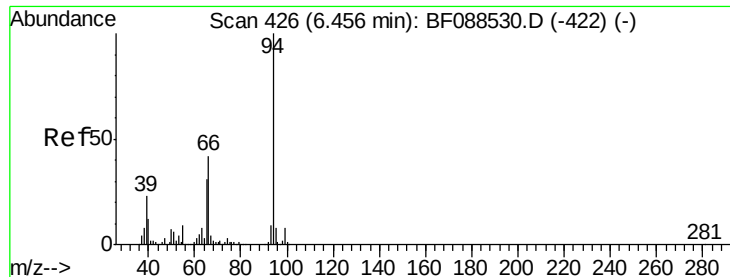


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 43.02 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

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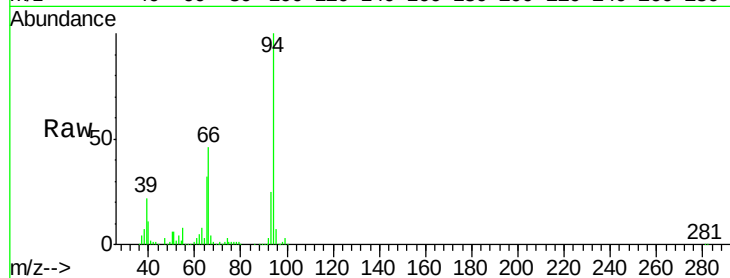
Tgt Ion: 94 Resp: 638126

Ion Ratio Lower Upper

94 100

65 32.3 5.9 45.9

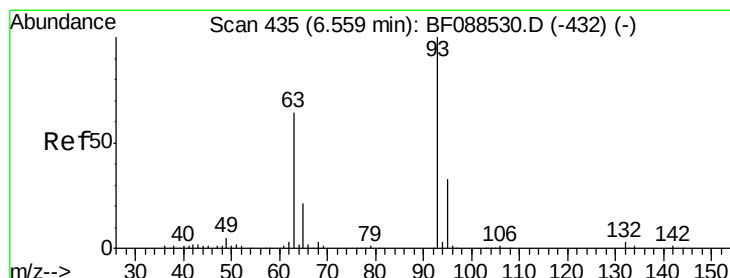
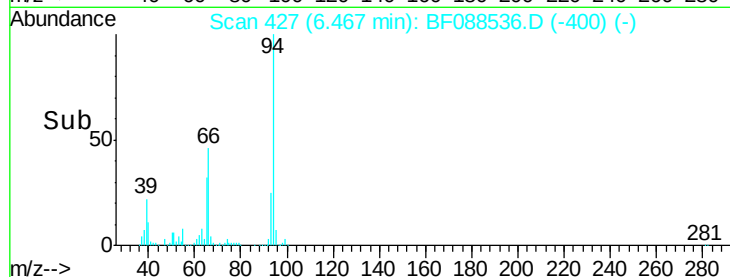
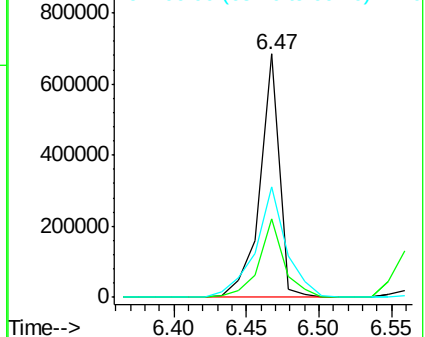
66 45.6 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 43.44 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

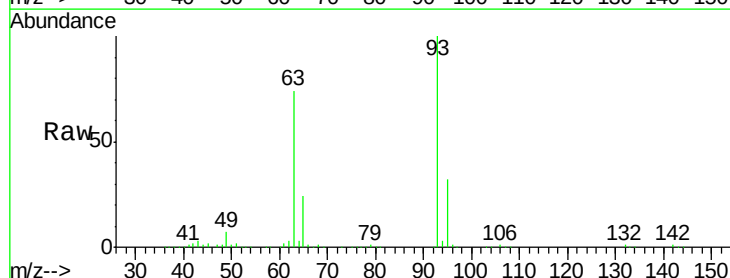
Tgt Ion: 93 Resp: 480458

Ion Ratio Lower Upper

93 100

63 73.7 67.6 107.6

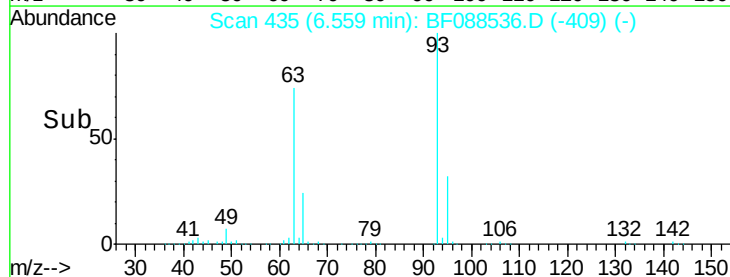
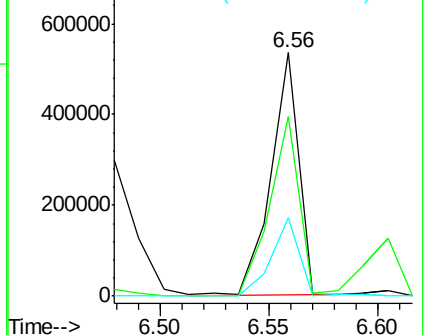
95 32.5 12.5 52.5

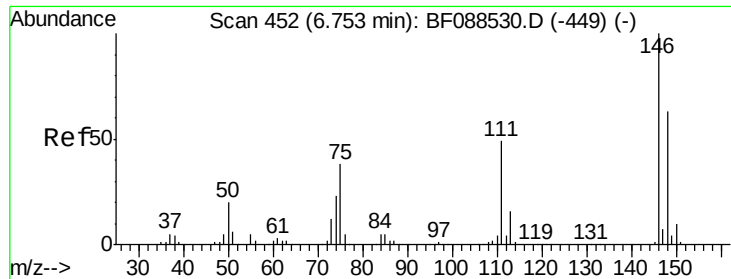


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 36.90 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.08 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

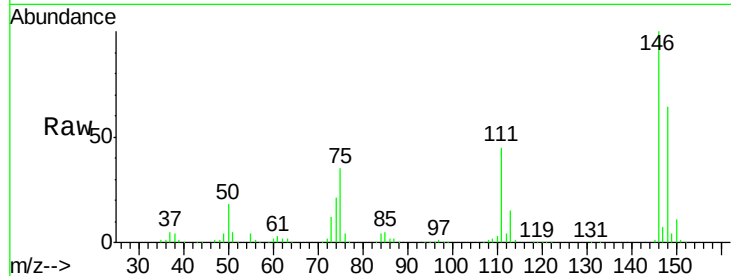
Instrument :

BNA_F

ClientSampleId :

PB91573BS

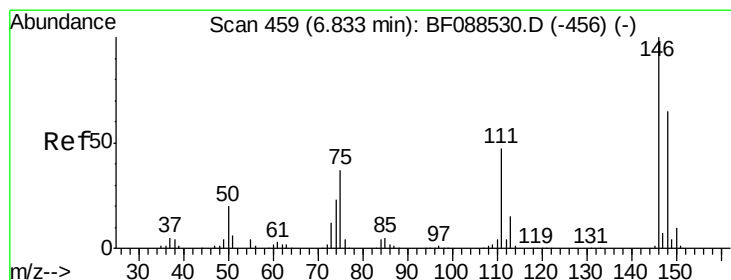
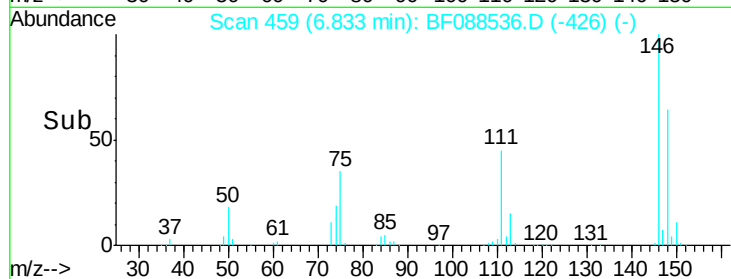
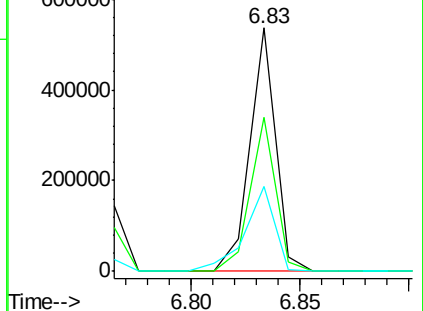
Tgt Ion:	146	Resp:	438887
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.9	76.3
75	35.1	25.6	38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 37.17 ng

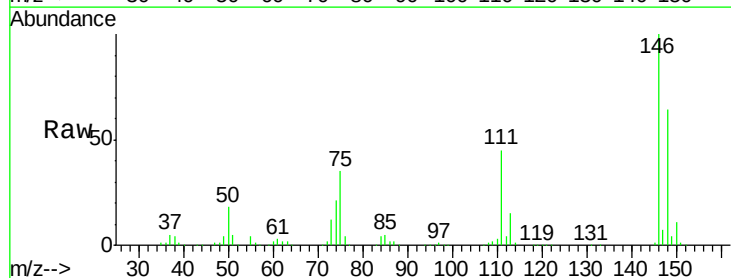
RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

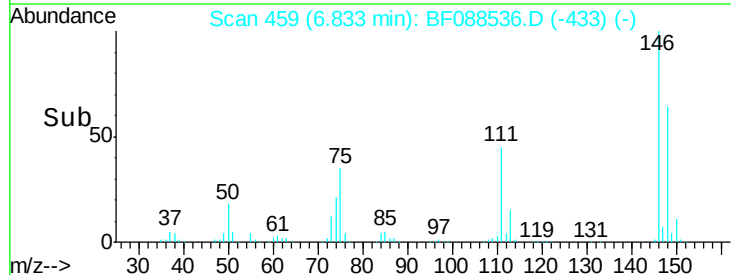
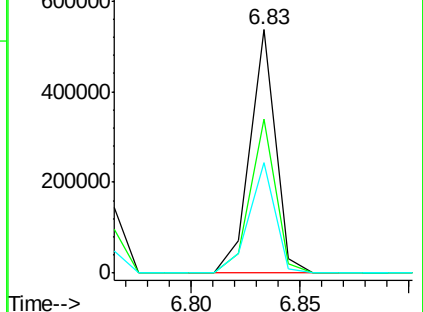
Tgt Ion:	146	Resp:	438887
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.0	78.0
111	45.5	33.8	50.8

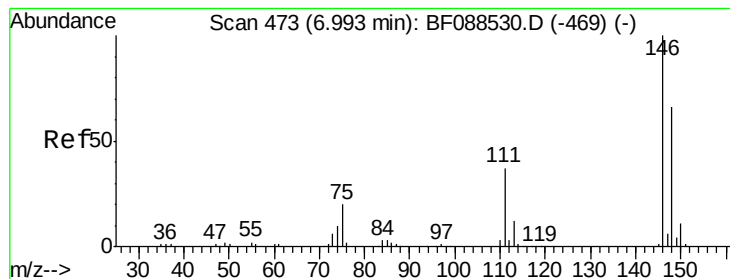


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.69 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

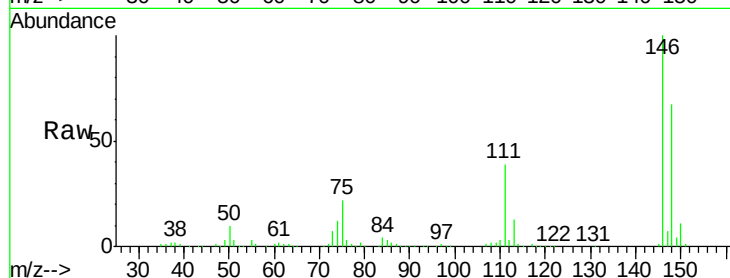
Tgt Ion:146 Resp: 394382

Ion Ratio Lower Upper

146 100

148 66.7 52.3 78.5

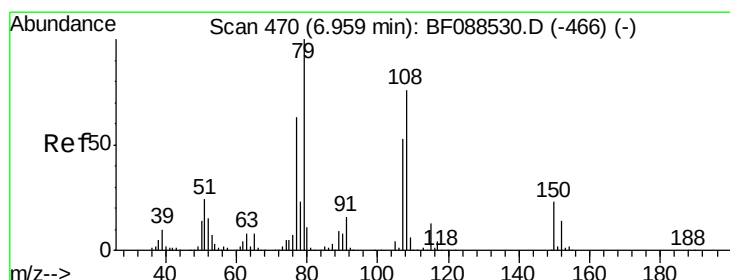
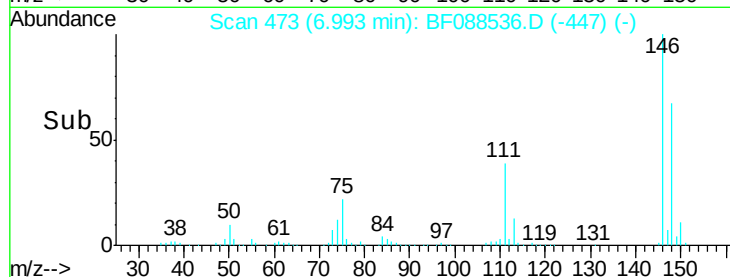
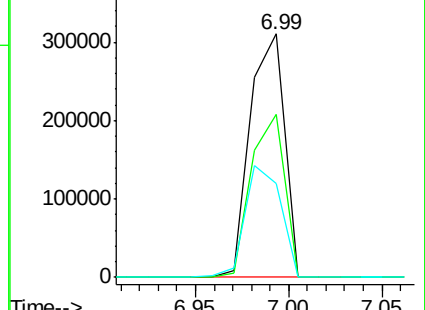
111 38.5 28.7 43.1



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: 38.05 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

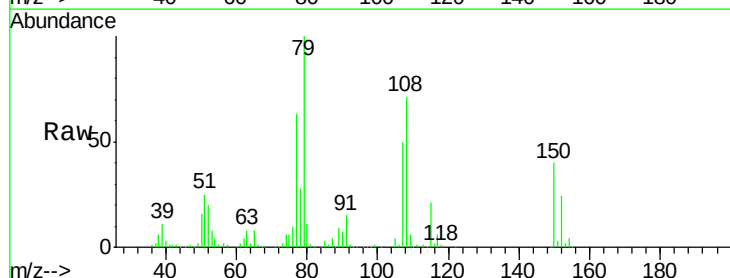
Tgt Ion: 79 Resp: 363953

Ion Ratio Lower Upper

79 100

108 71.4 65.0 97.6

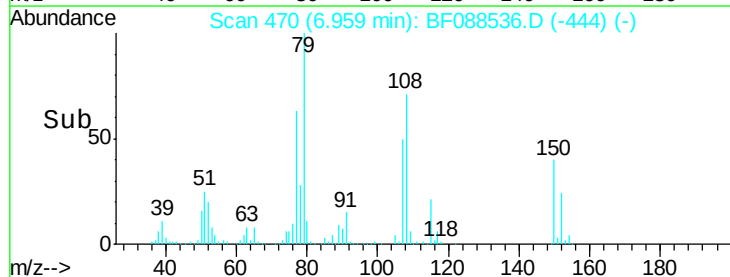
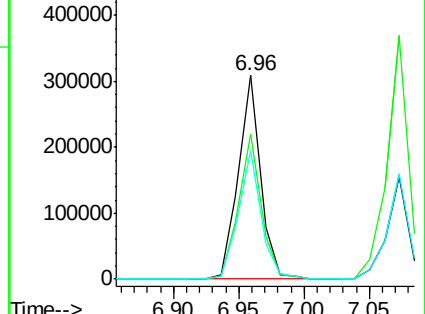
77 62.9 50.3 75.5

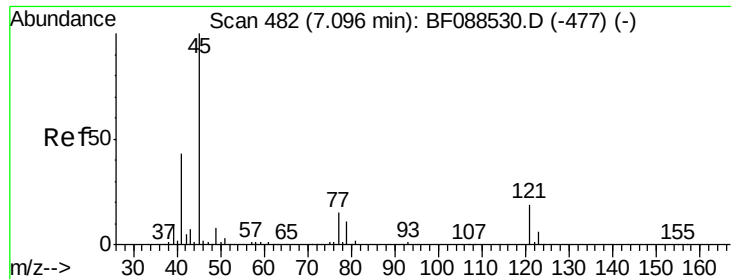


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

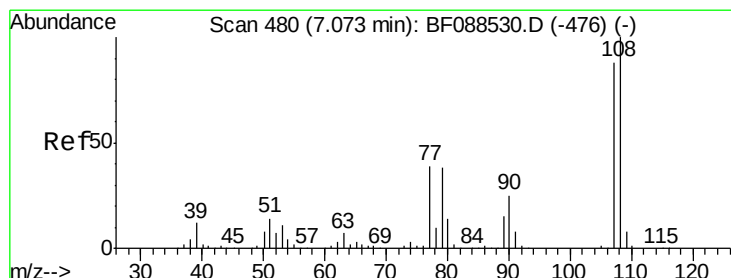
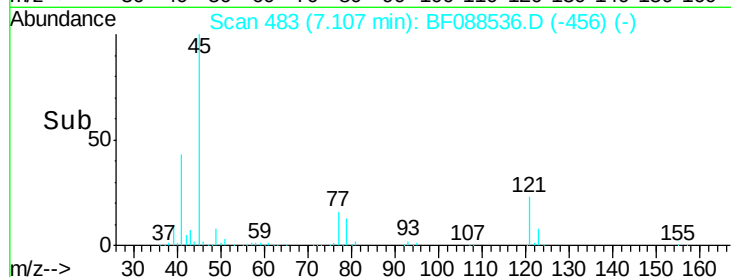
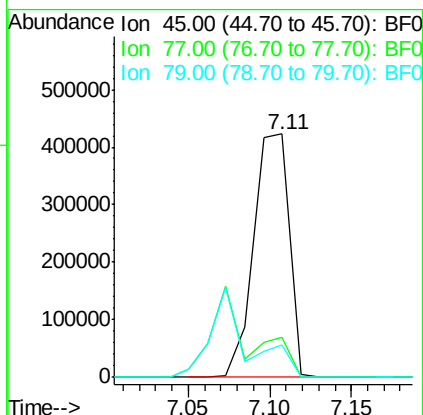
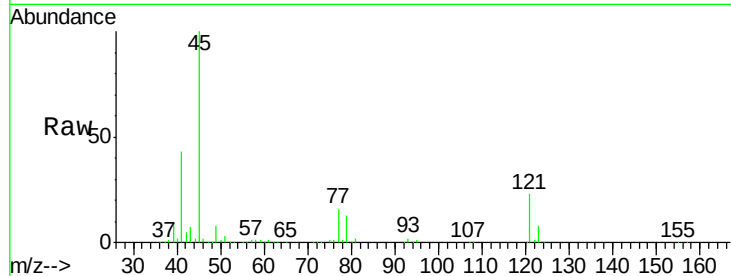




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.95 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

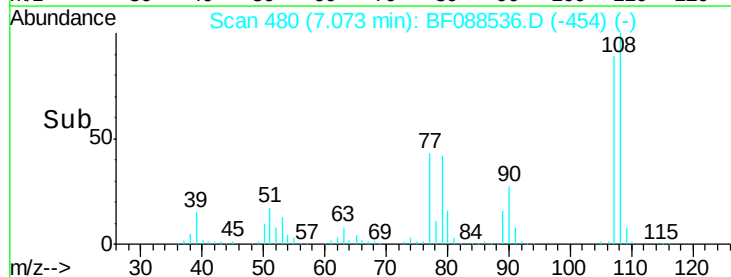
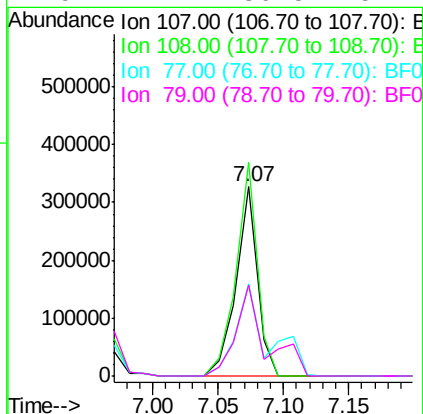
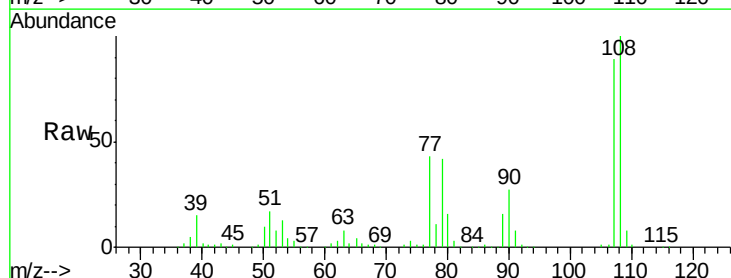
Instrument :
BNA_F
ClientSampleId :
PB91573BS

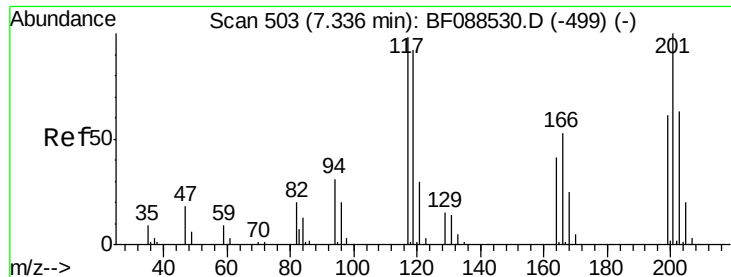
Tgt Ion: 45 Resp: 639956
Ion Ratio Lower Upper
45 100
77 16.5 0.0 32.5
79 13.2 0.0 29.5



#17
2-Methylphenol
Concen: 41.98 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 107 Resp: 370245
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 48.6 36.6 55.0
79 47.7 36.5 54.7

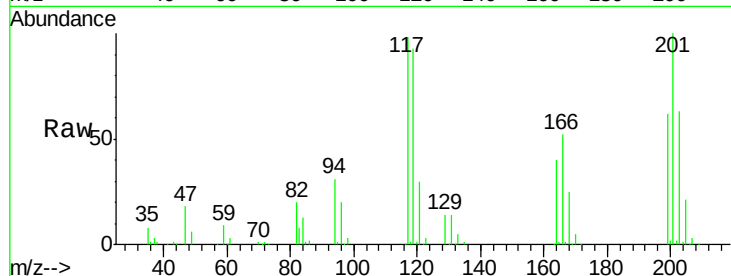




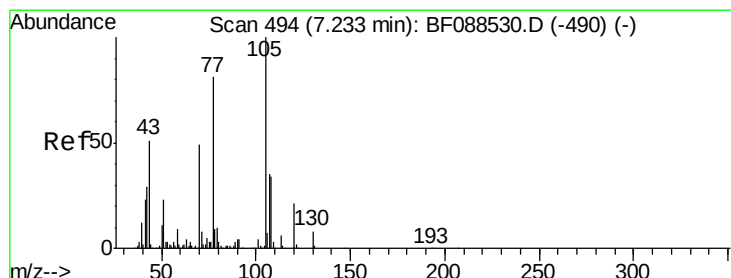
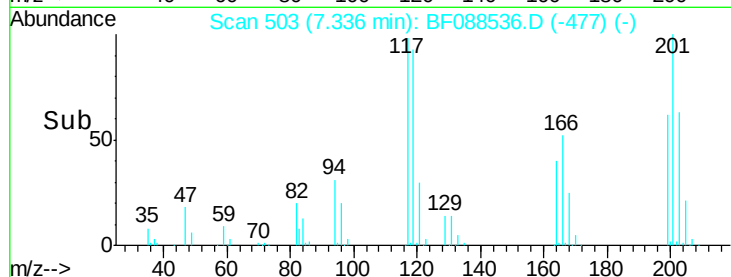
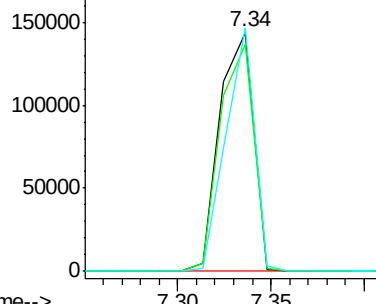
#18
Hexachloroethane
Concen: 39.70 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion: 117 Resp: 181312
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2
201 101.9 80.4 120.6



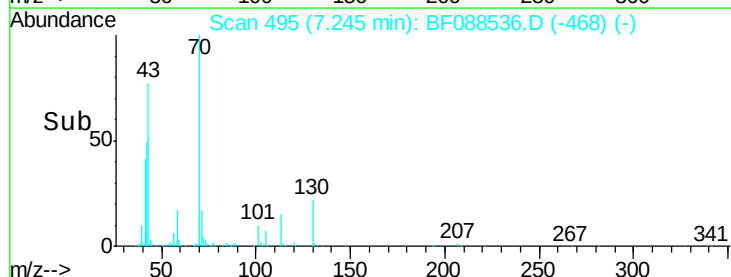
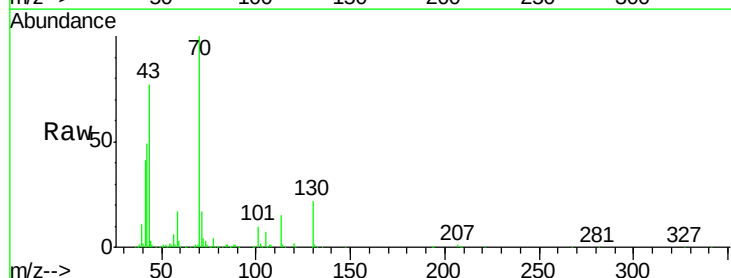
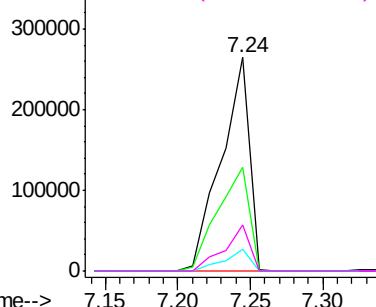
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

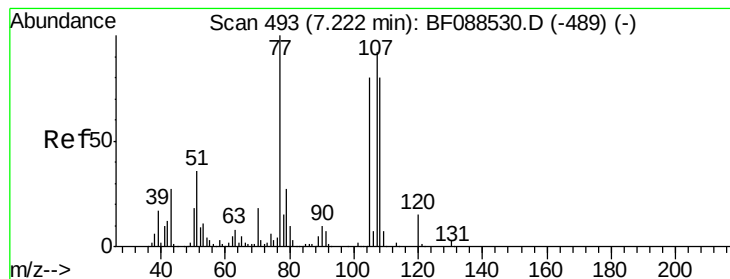


#19
n-Nitroso-di-n-propylamine
Concen: 41.03 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 70 Resp: 358139
Ion Ratio Lower Upper
70 100
42 48.8 49.6 74.4#
101 9.9 7.1 10.7
130 21.5 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 44.20 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:107 Resp: 467769

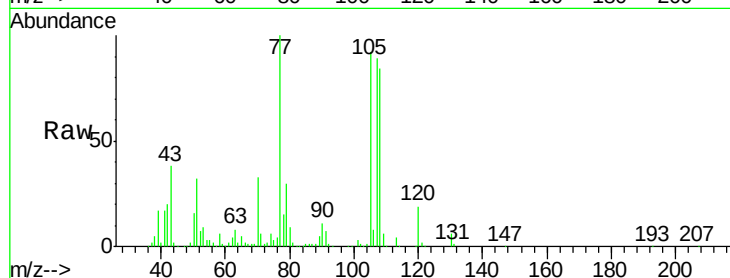
Ion Ratio Lower Upper

107 100

108 94.6 67.8 107.8

77 113.0 59.3 99.3#

79 33.3 7.0 47.0

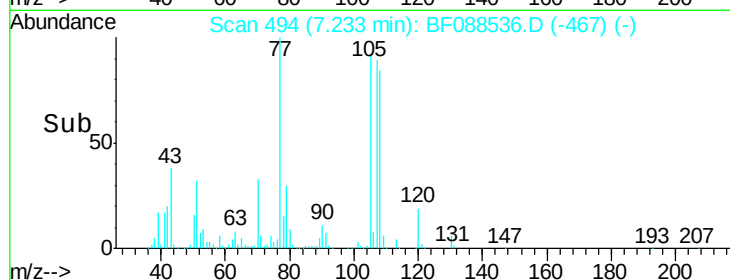


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Abundance

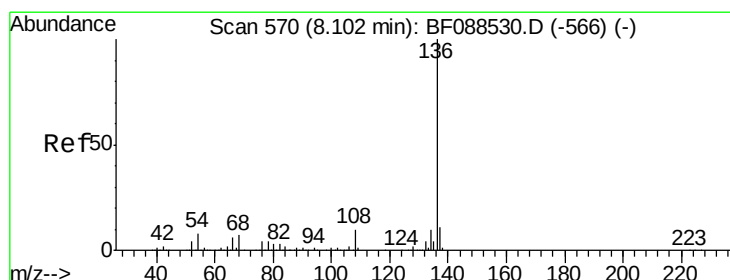
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:136 Resp: 633979

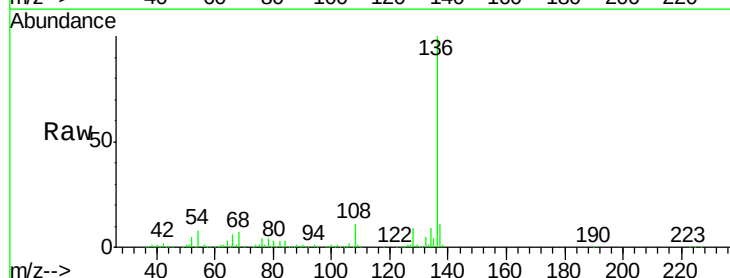
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.5 6.6 10.0

68 7.1 5.1 7.7

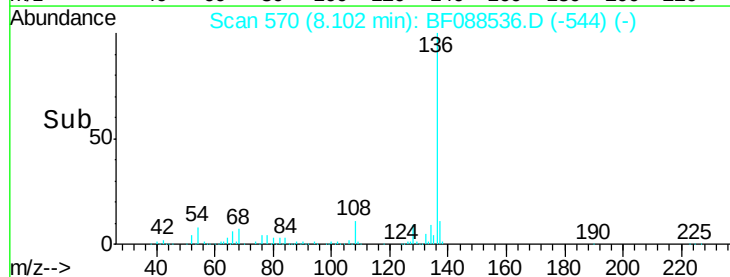


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

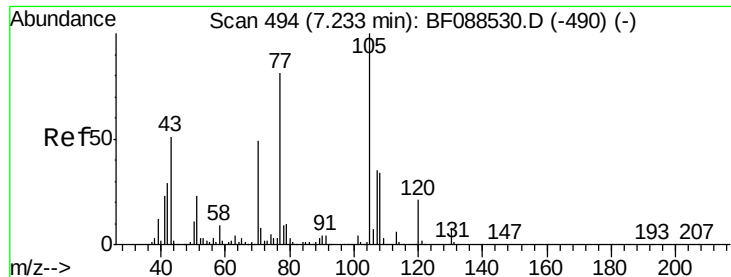
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 38.64 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion: 105 Resp: 594629

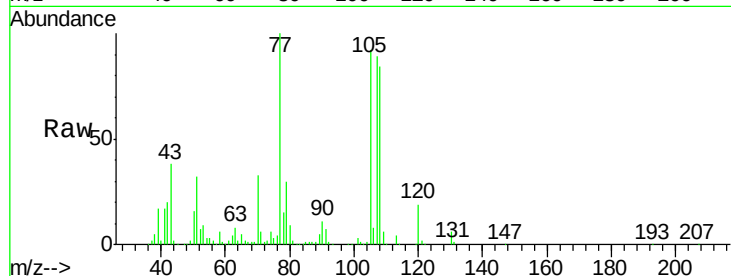
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 35.2 18.2 27.4#

120 20.2 18.0 27.0

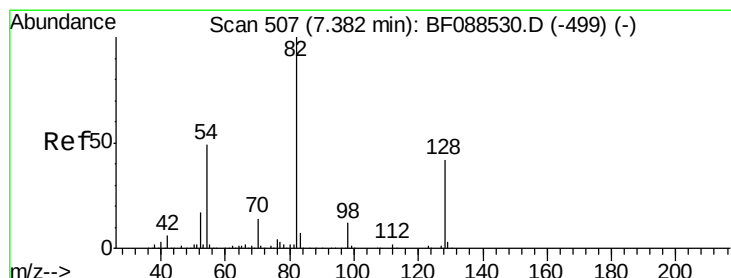
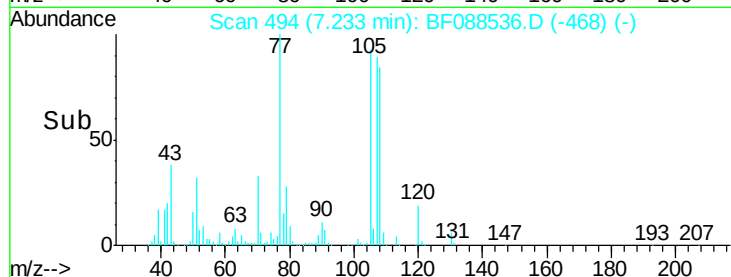
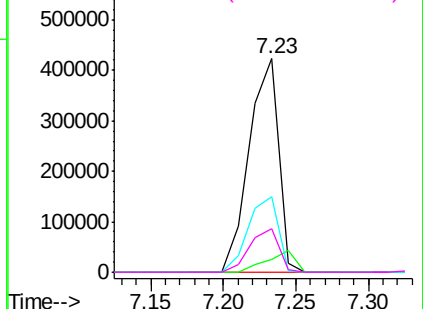


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 76.32 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

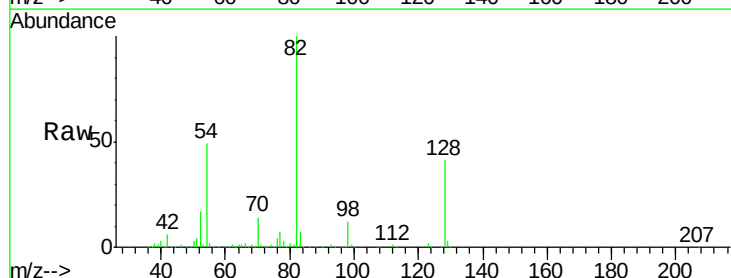
Tgt Ion: 82 Resp: 923338

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

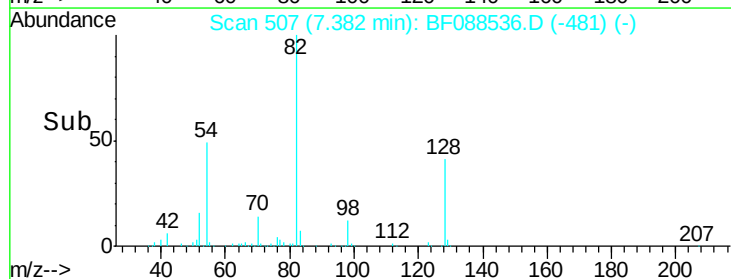
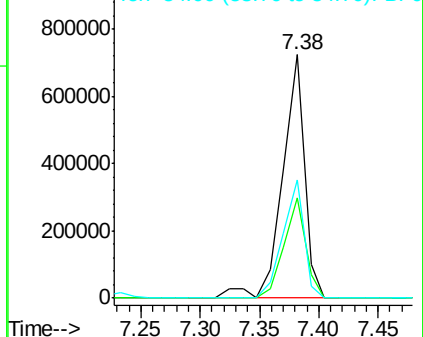
54 48.8 40.9 61.3

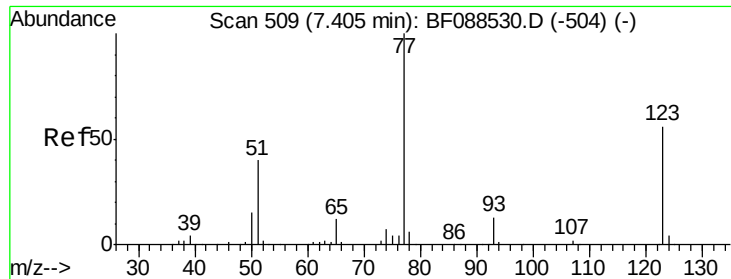


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

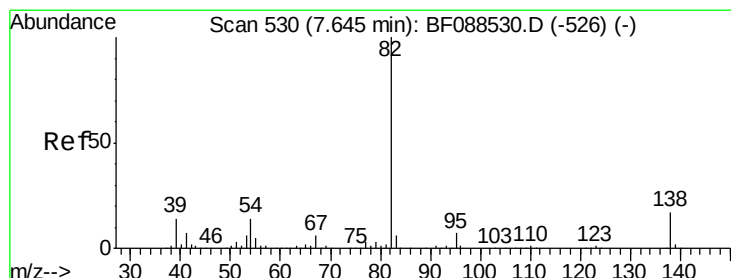
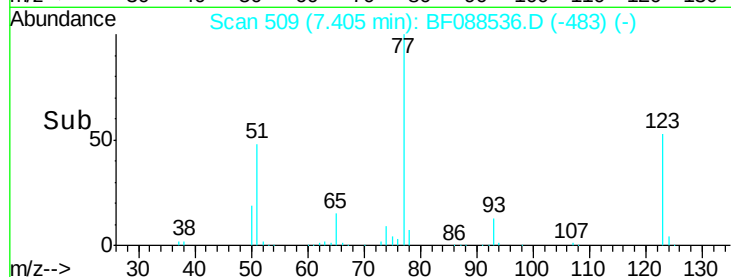
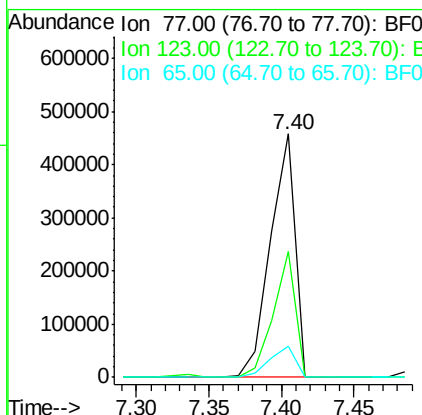
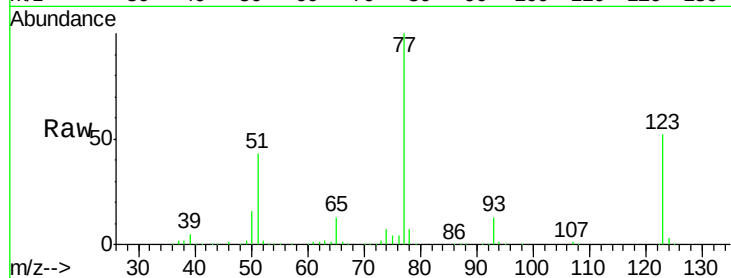




#24
 Nitrobenzene
 Concen: 44.24 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

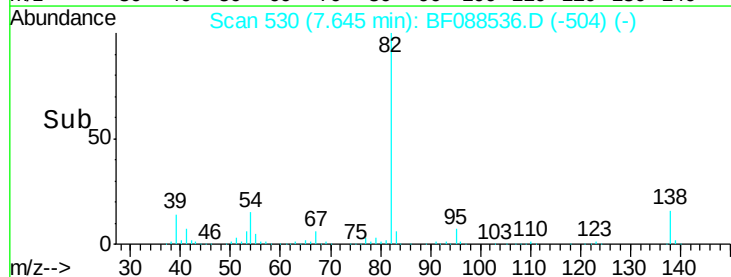
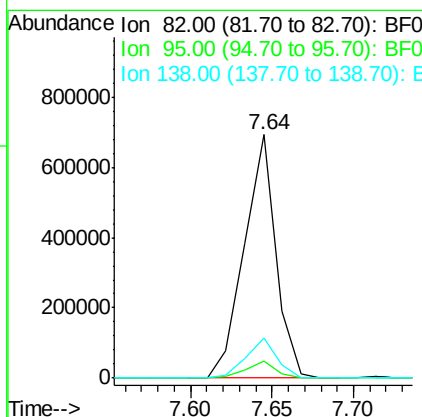
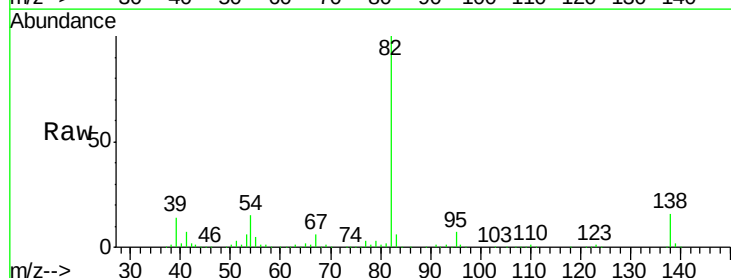
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

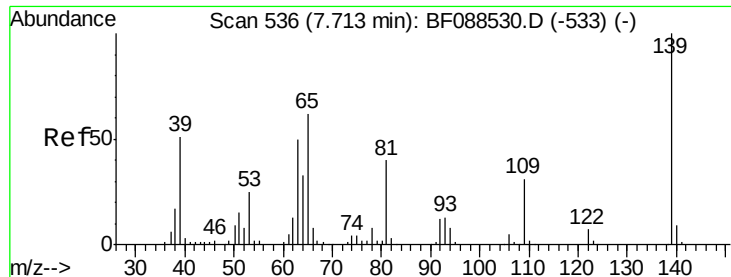
Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	45.0	67.4
65	12.5	10.2	15.2



#25
 Isophorone
 Concen: 41.55 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.5	14.6	21.8

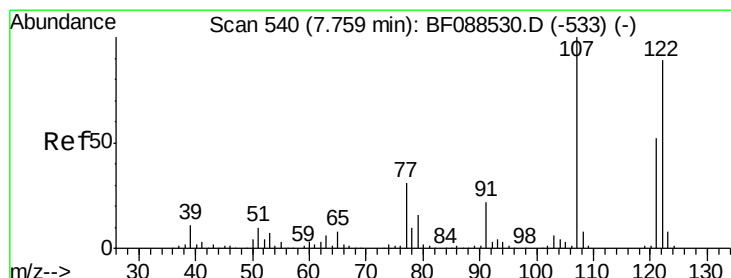
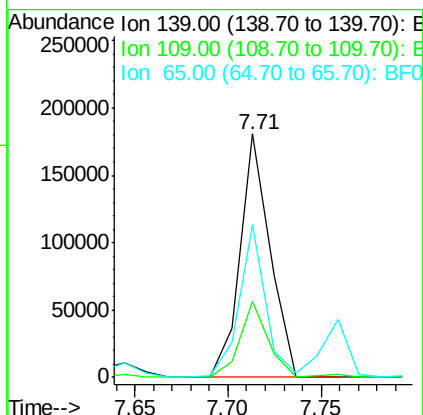
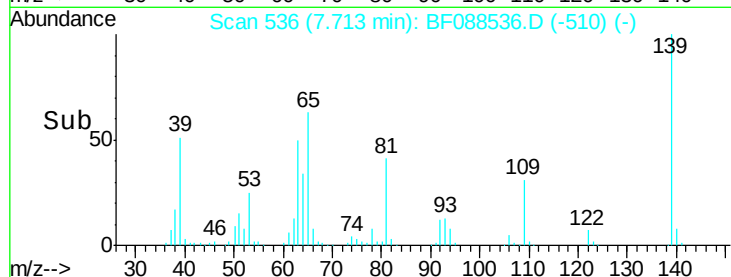
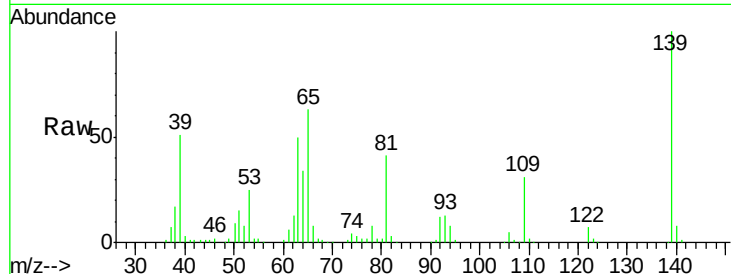




#26
2-Nitrophenol
Concen: 40.28 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

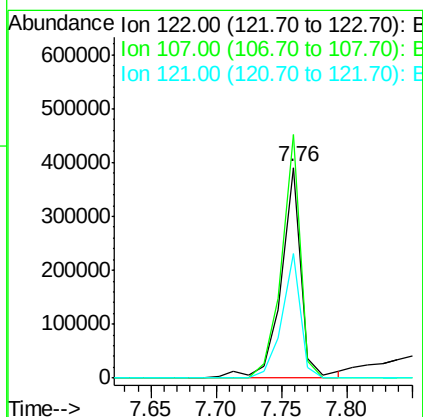
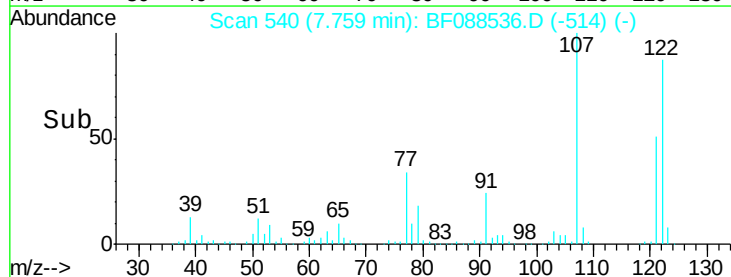
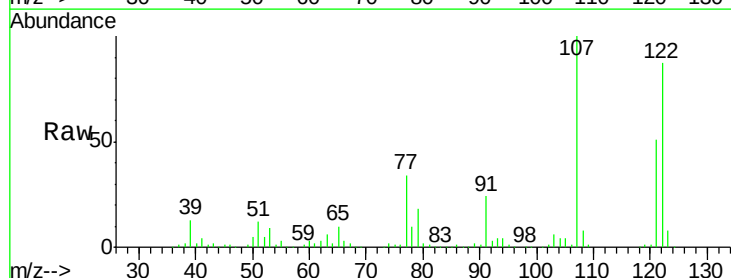
Instrument :
BNA_F
ClientSampleId :
PB91573BS

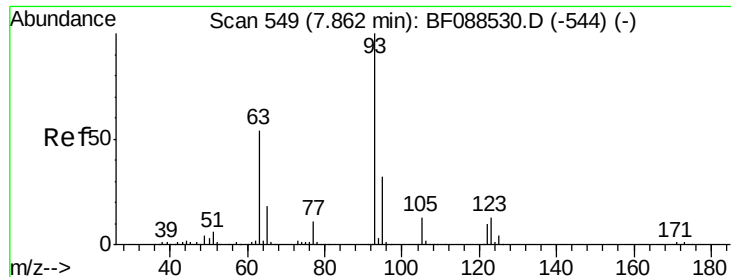
Tgt Ion:139 Resp: 201468
Ion Ratio Lower Upper
139 100
109 31.4 23.0 34.4
65 62.8 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 40.59 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:122 Resp: 422903
Ion Ratio Lower Upper
122 100
107 115.4 82.4 123.6
121 58.8 46.3 69.5

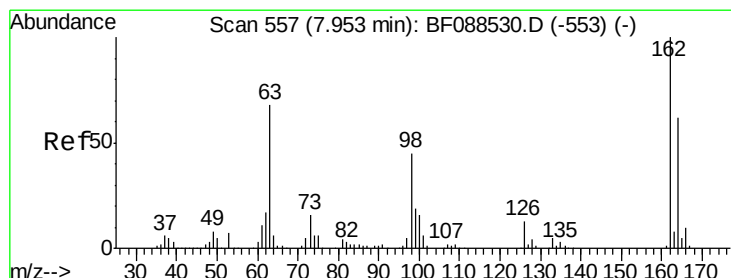
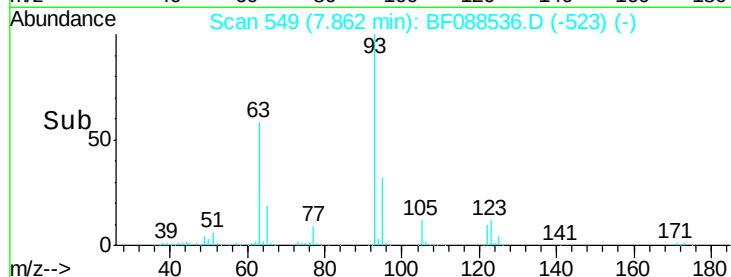
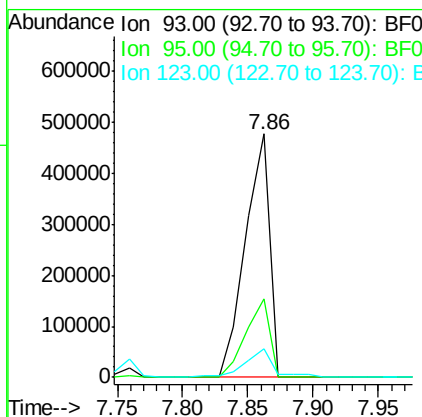
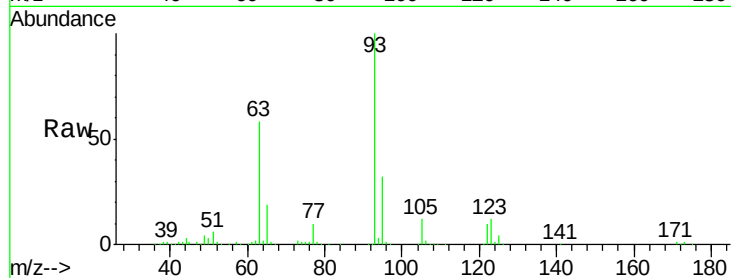




#28
bis(2-Chloroethoxy)methane
Concen: 42.25 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

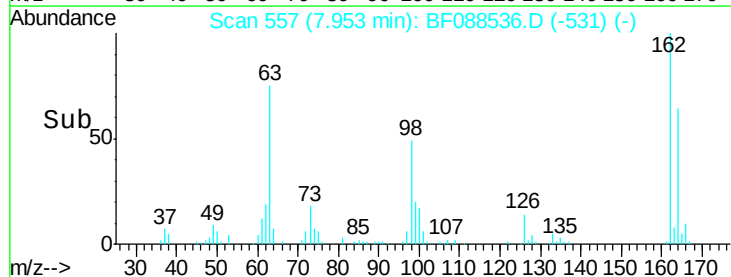
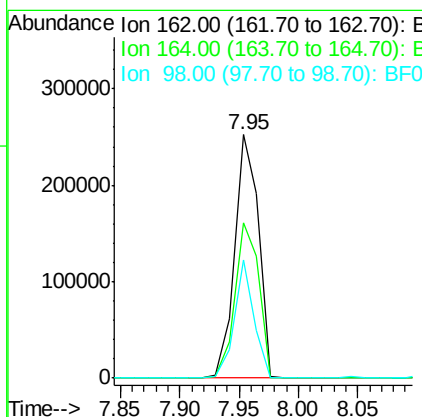
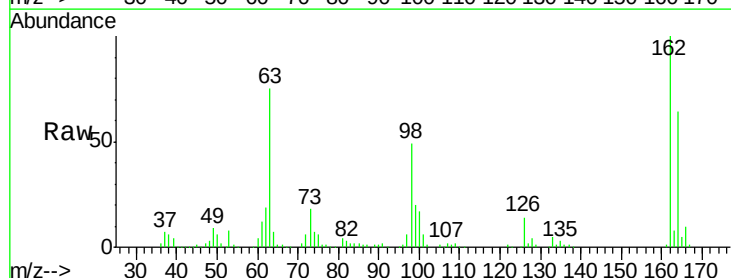
Instrument :
BNA_F
ClientSampleId :
PB91573BS

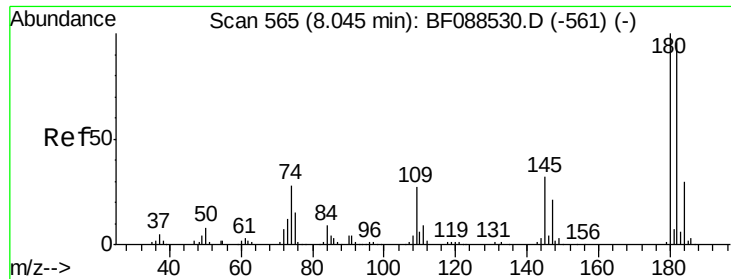
Tgt Ion: 93 Resp: 616087
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 11.8 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 41.57 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 162 Resp: 349975
Ion Ratio Lower Upper
162 100
164 63.7 43.8 83.8
98 48.6 21.3 61.3

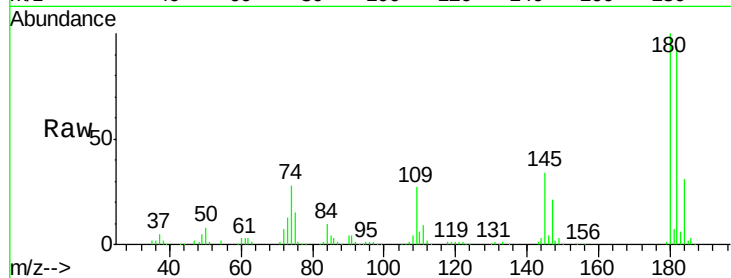




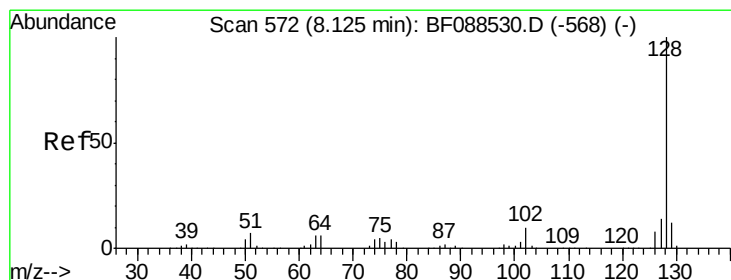
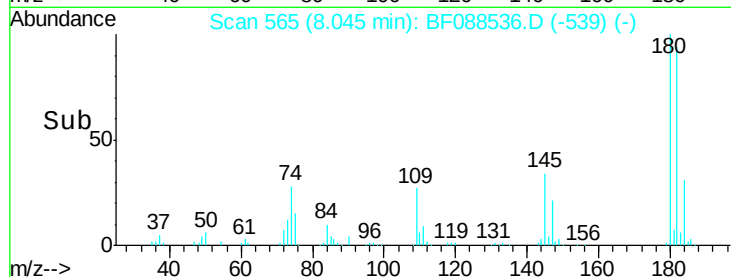
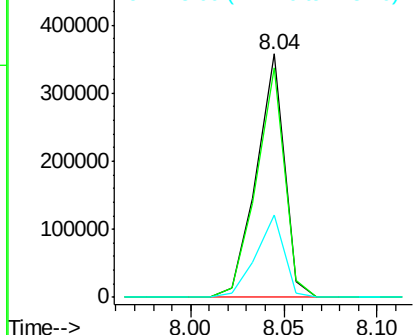
#30
 1,2,4-Trichlorobenzene
 Concen: 40.16 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:180 Resp: 371053
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.0 114.0
 145 33.7 26.5 39.7

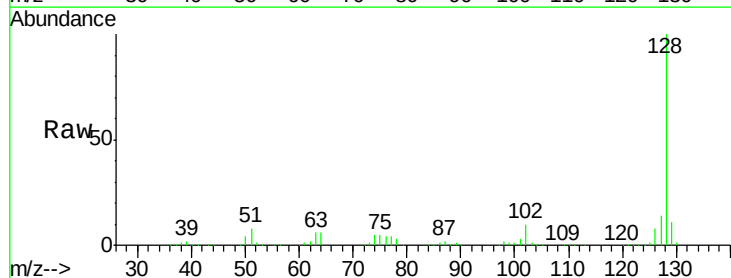


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

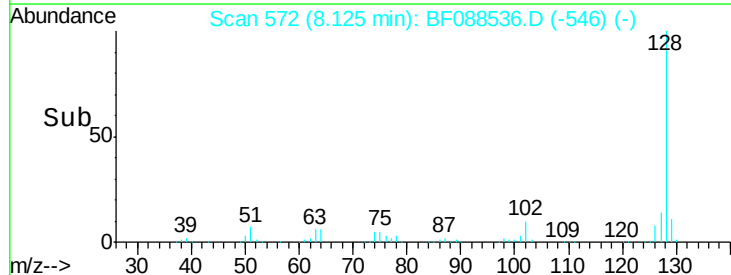
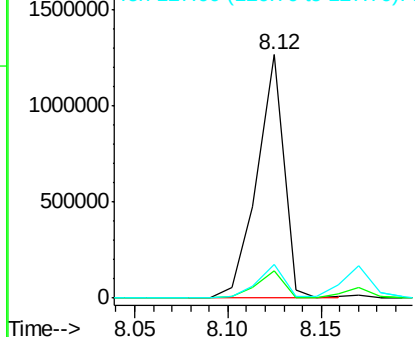


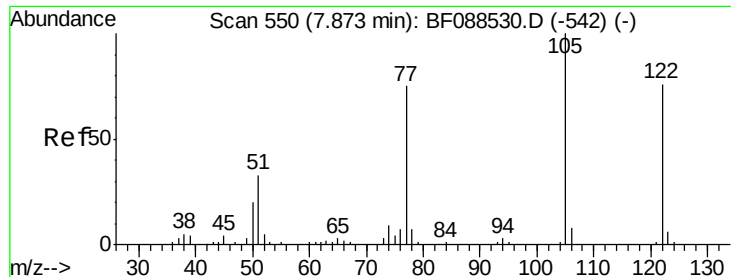
#31
 Naphthalene
 Concen: 40.54 ng
 RT: 8.12 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:128 Resp: 1267074
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.2
 127 13.7 10.9 16.3



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





#32

Benzoic acid

Concen: 37.18 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

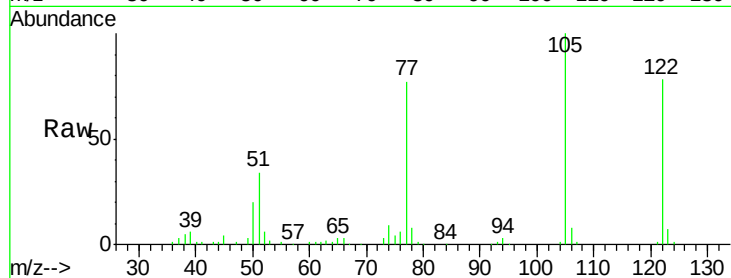
Tgt Ion:122 Resp: 281207

Ion Ratio Lower Upper

122 100

105 129.0 101.6 141.6

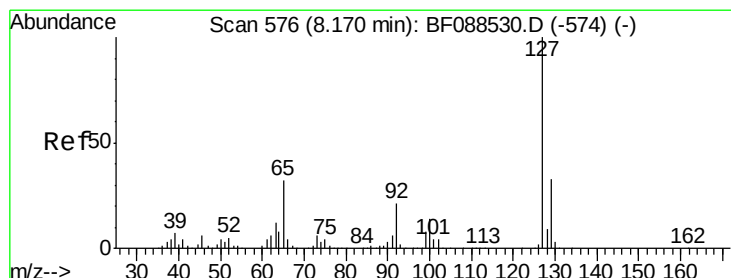
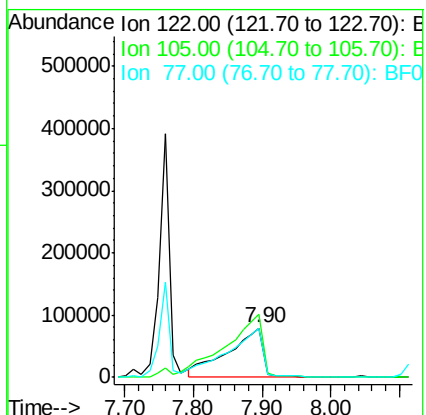
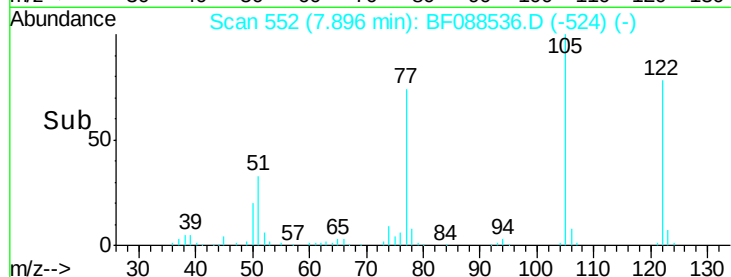
77 99.4 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 13.94 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:127 Resp: 193895

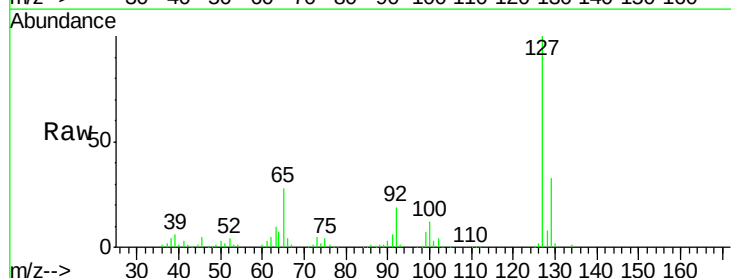
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 28.0 24.7 37.1

92 18.6 15.4 23.0

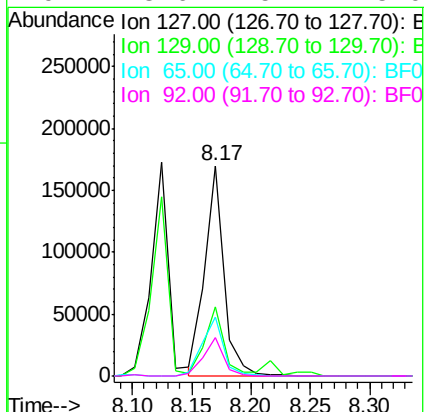
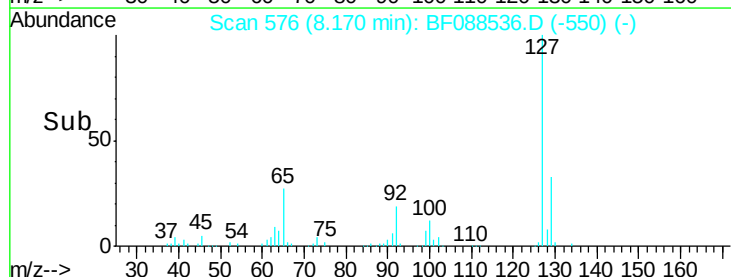


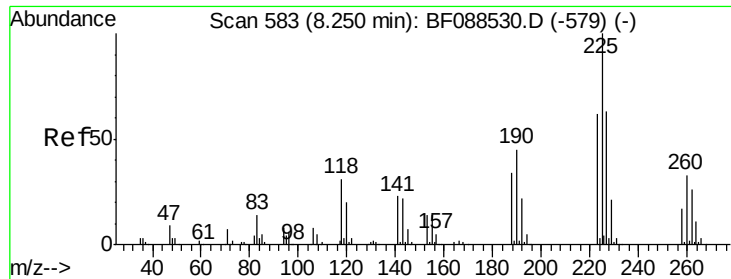
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 40.01 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

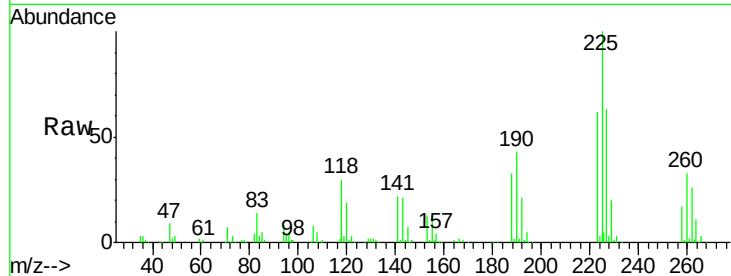
Tgt Ion:225 Resp: 197924

Ion Ratio Lower Upper

225 100

223 62.1 50.9 76.3

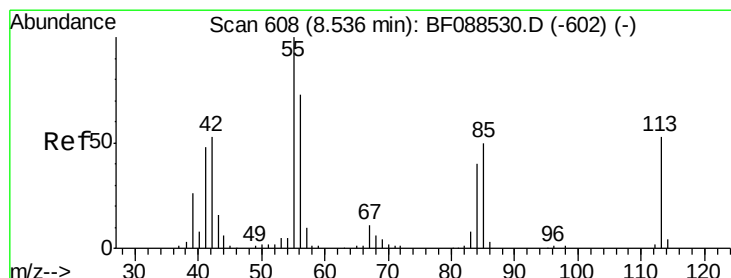
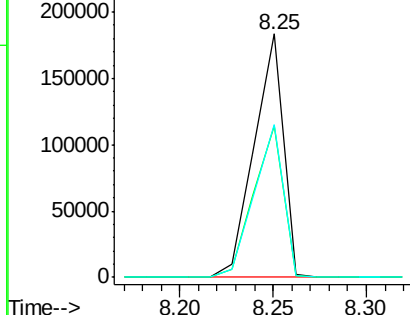
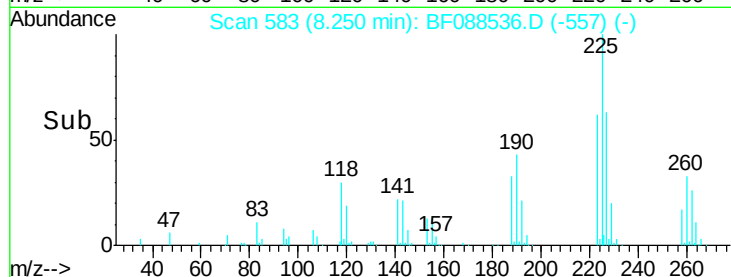
227 62.6 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 28.36 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

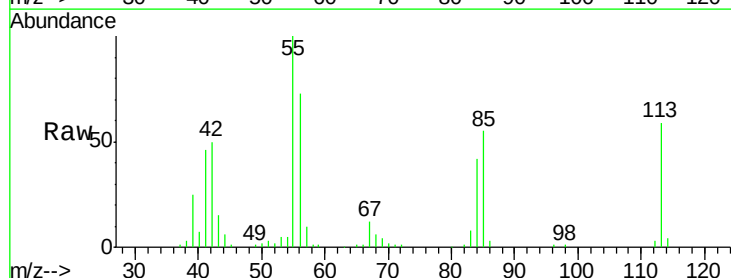
Tgt Ion:113 Resp: 81099

Ion Ratio Lower Upper

113 100

55 168.1 158.6 198.6

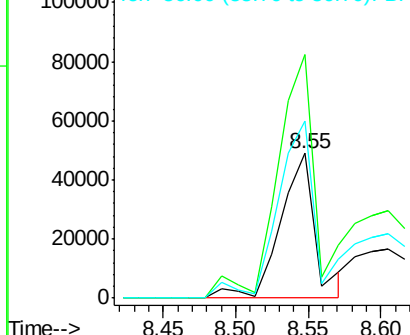
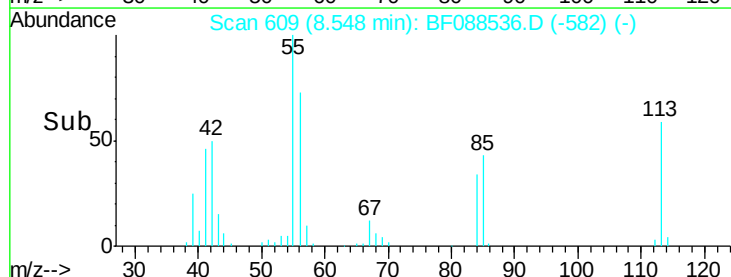
56 121.9 110.6 150.6

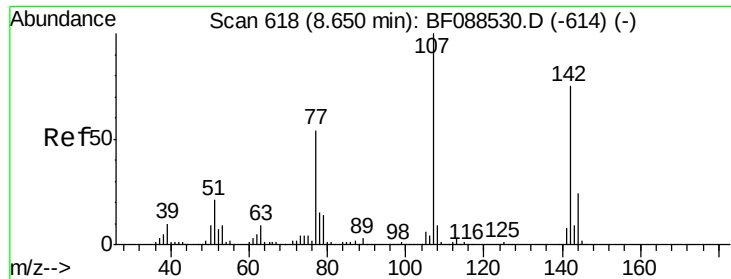


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

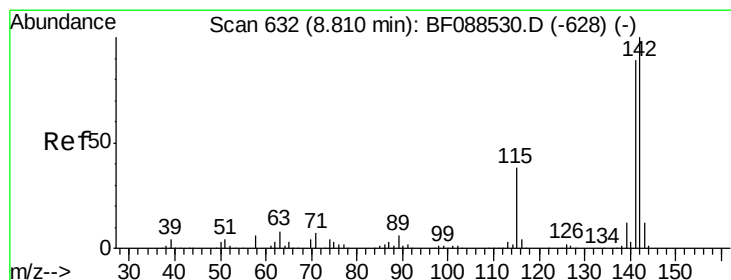
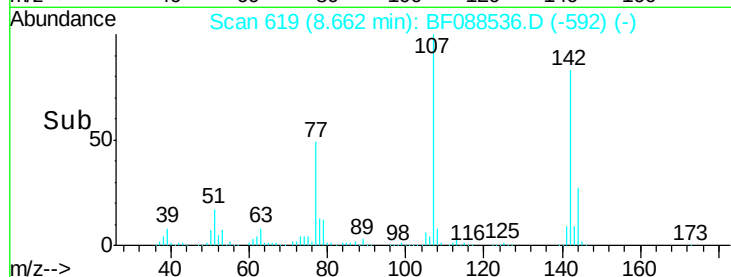
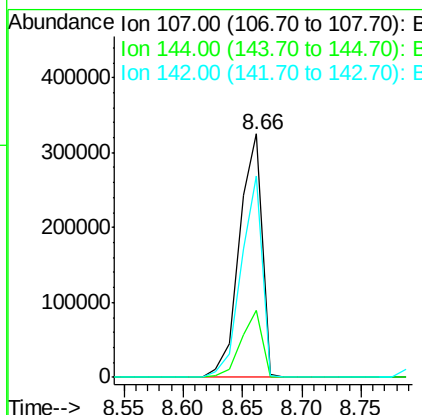
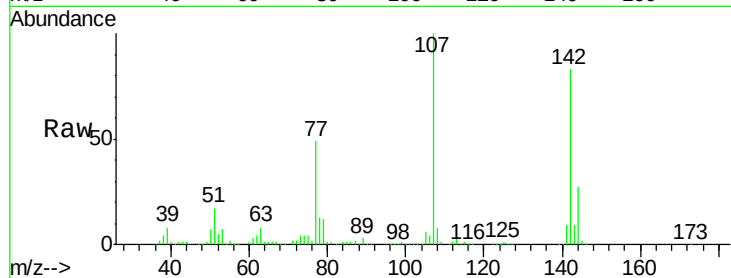




#36
 4-Chloro-3-methylphenol
 Concen: 43.36 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

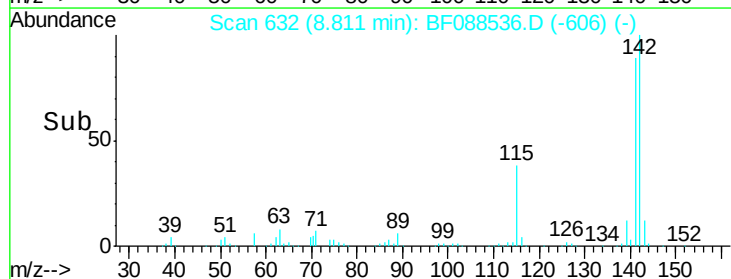
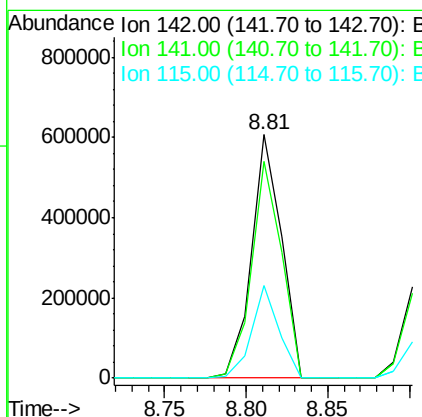
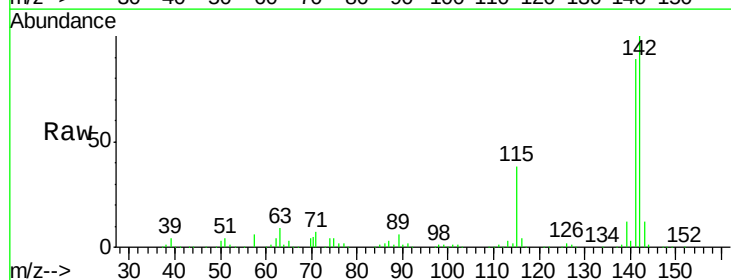
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

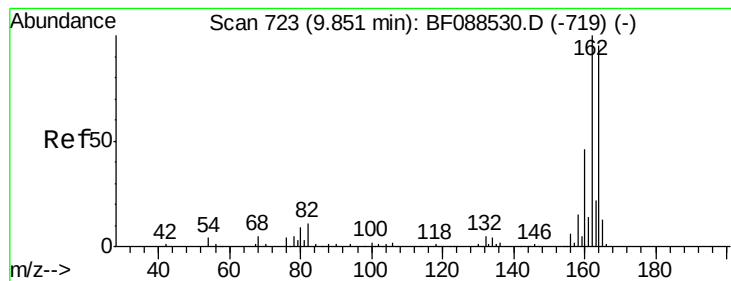
Tgt Ion:107 Resp: 431657
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.8 31.2
 142 82.6 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 38.26 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:142 Resp: 769953
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 38.2 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: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

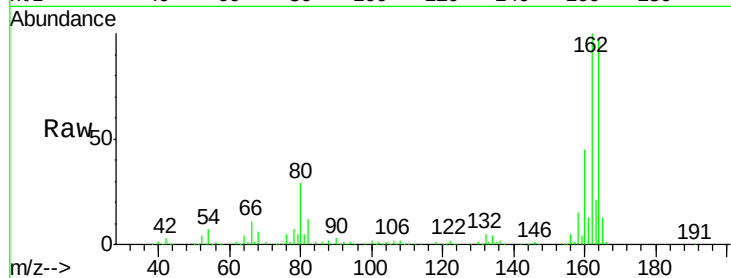
Tgt Ion:164 Resp: 286086

Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.2

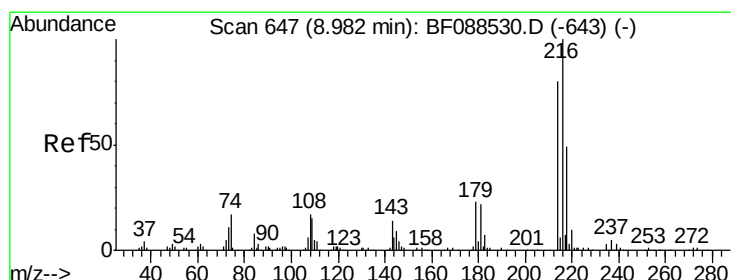
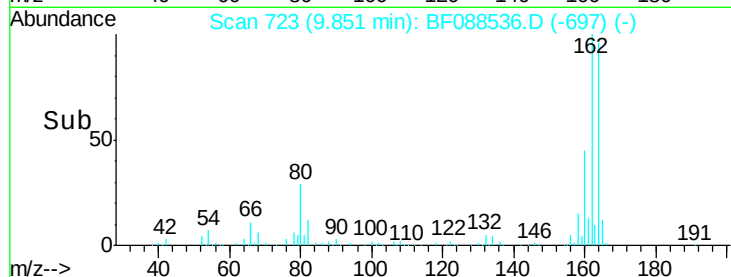
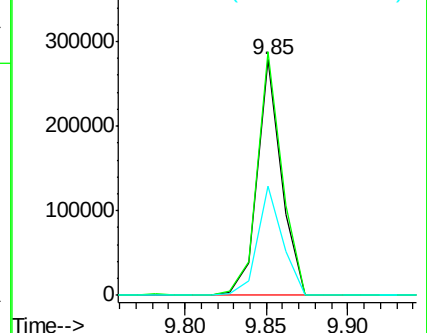
160 46.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.89 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:216 Resp: 312960

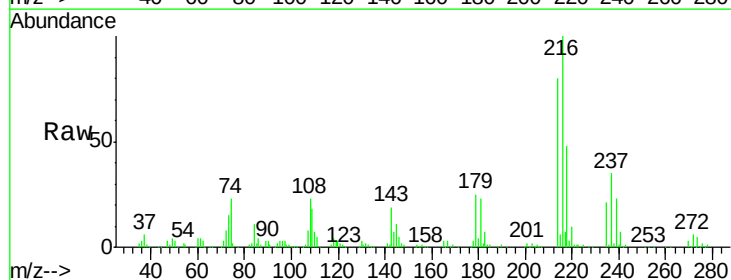
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 24.3 0.0 0.0#

108 27.0 0.5 0.7#

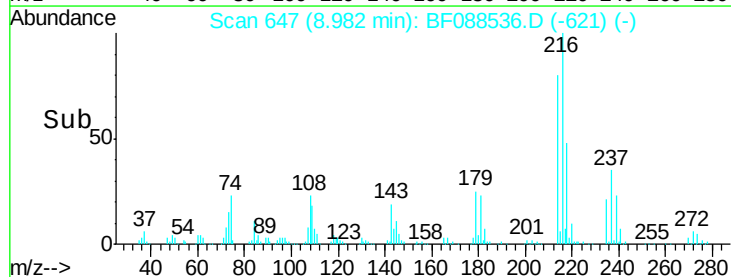
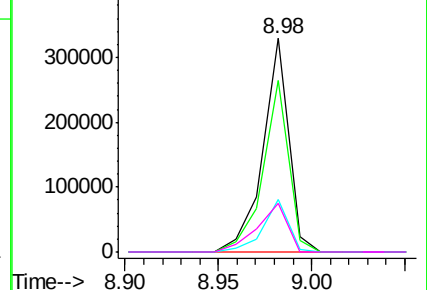


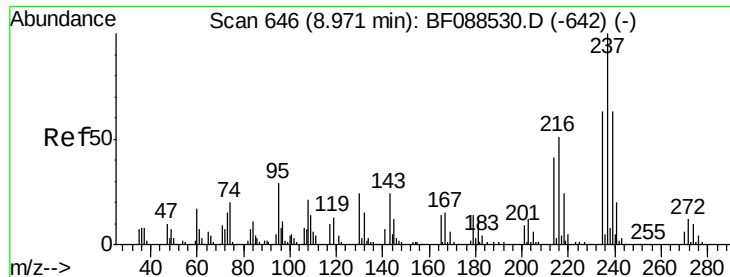
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 73.65 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

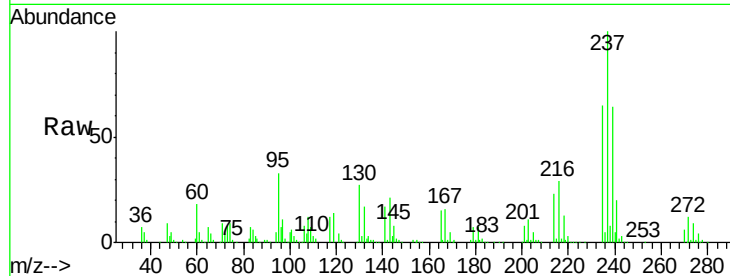
Tgt Ion:237 Resp: 343967

Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

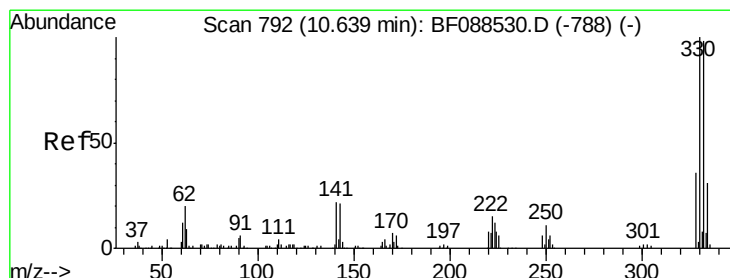
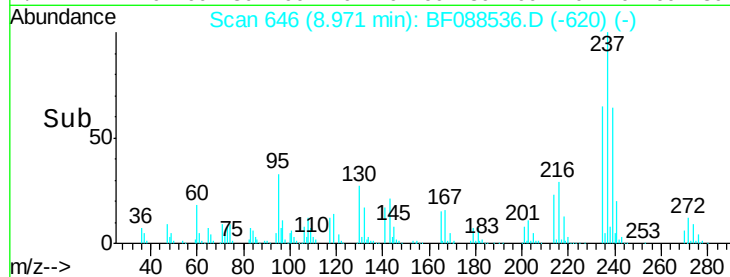
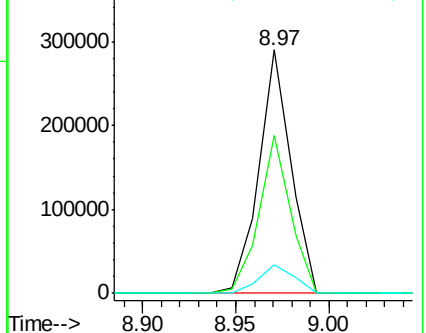
272 11.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 104.62 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

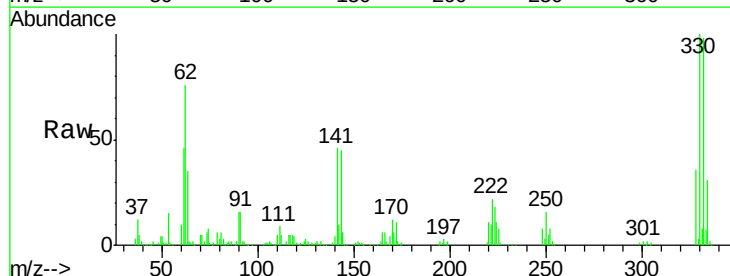
Tgt Ion:330 Resp: 277940

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

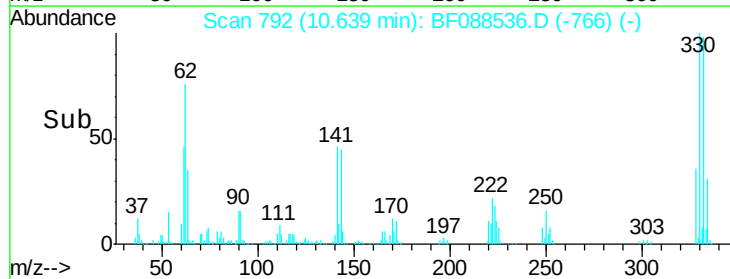
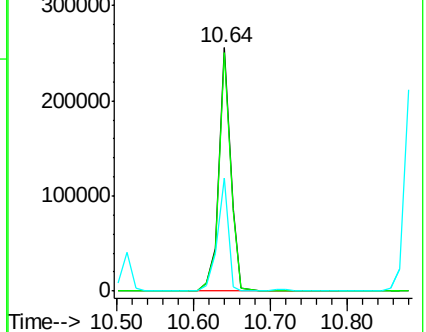
141 42.5 0.0 0.0#

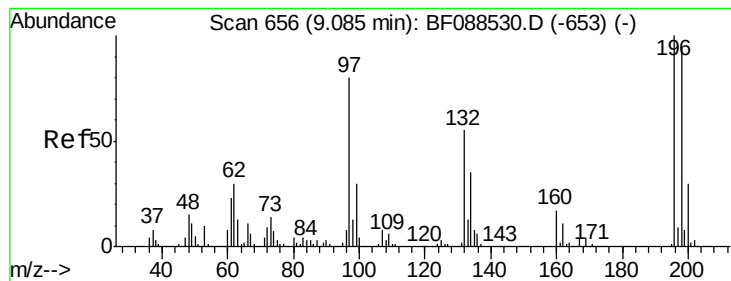


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 41.15 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

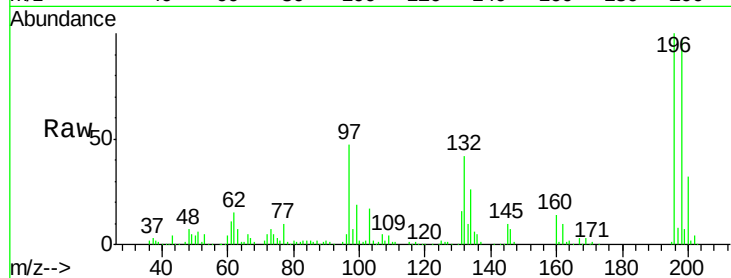
Tgt Ion:196 Resp: 258179

Ion Ratio Lower Upper

196 100

198 97.5 78.0 117.0

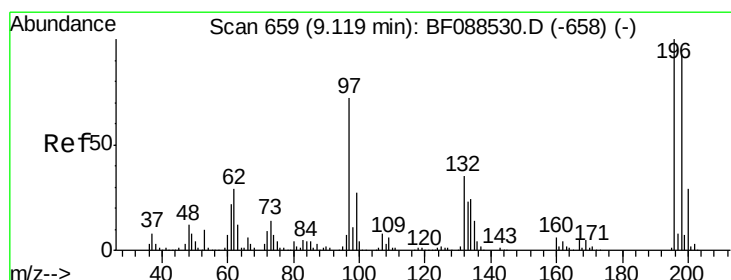
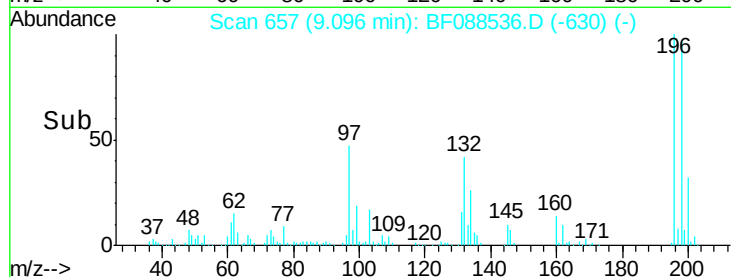
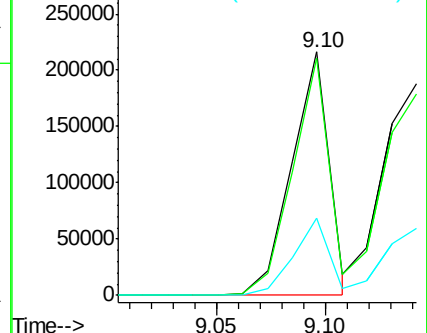
200 31.7 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 49.52 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.02 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:196 Resp: 267314

Ion Ratio Lower Upper

196 100

198 94.9 77.5 116.3

97 42.5 32.0 48.0

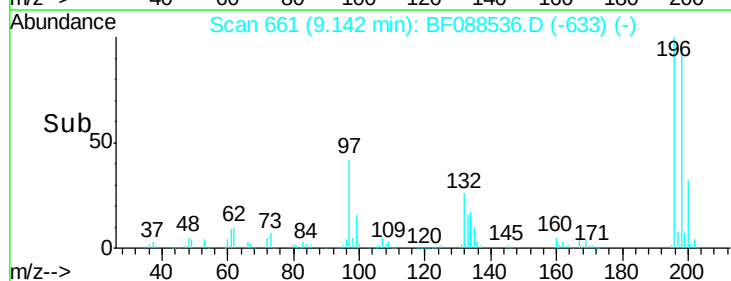
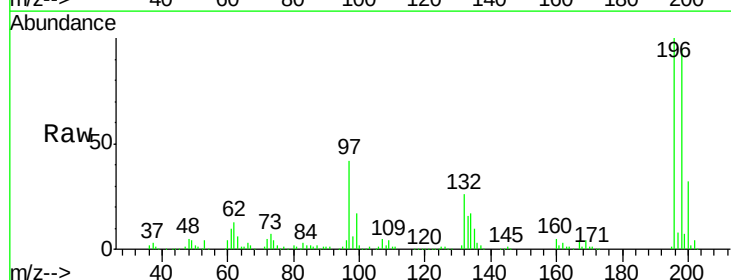
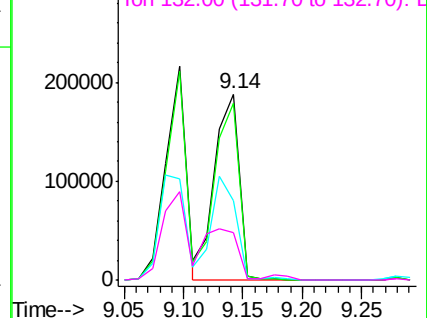
132 25.6 20.9 31.3

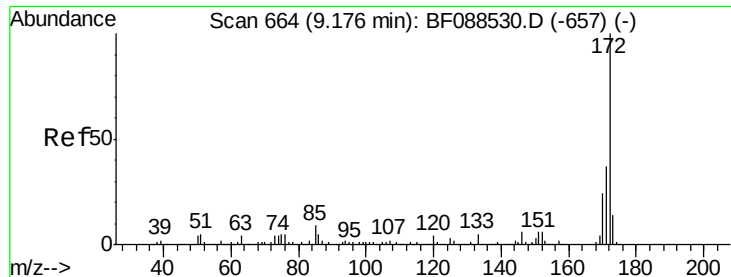
Abundance Ion 196.00 (195.70 to 196.70): E

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

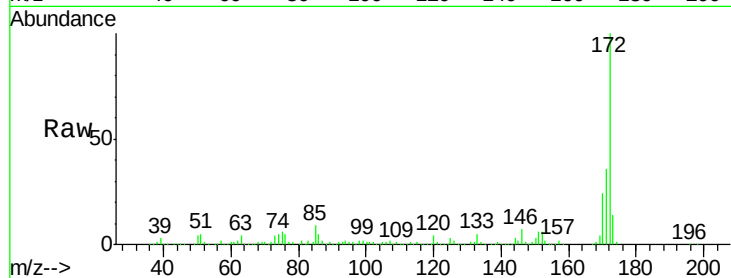




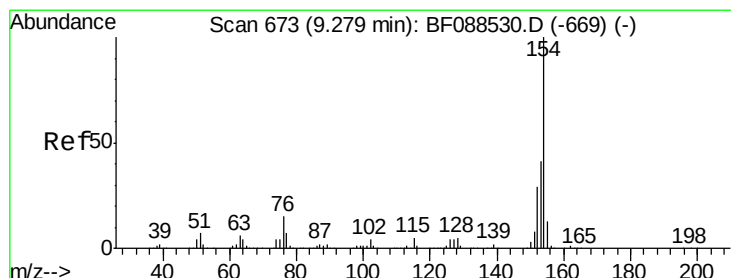
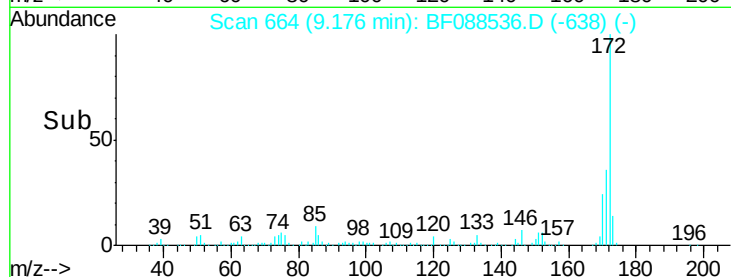
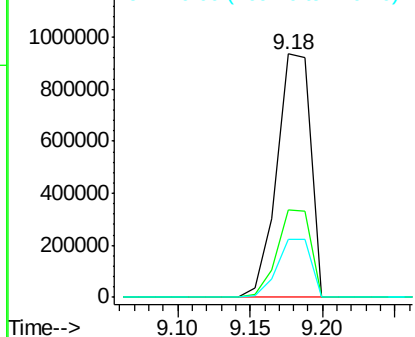
#44
2-Fluorobiphenyl
Concen: 83.19 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:172 Resp: 1506628
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 19.2 28.8

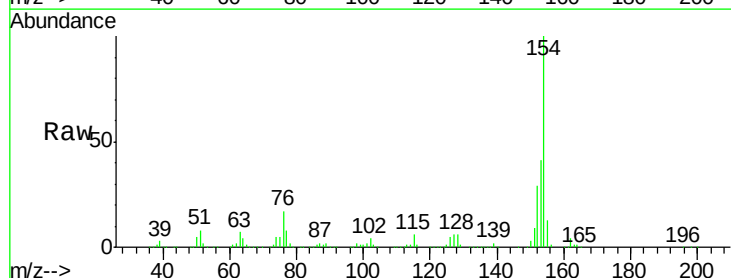


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

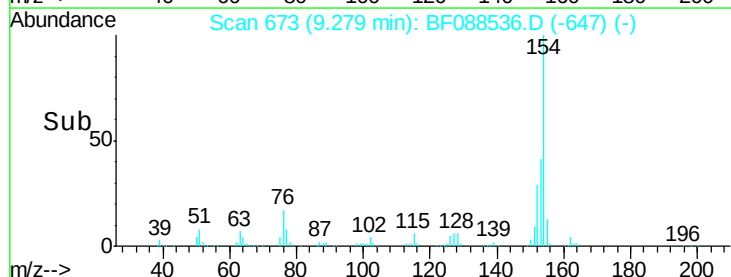
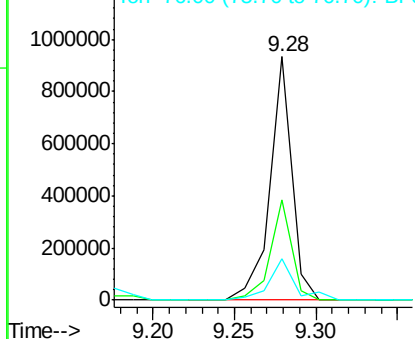


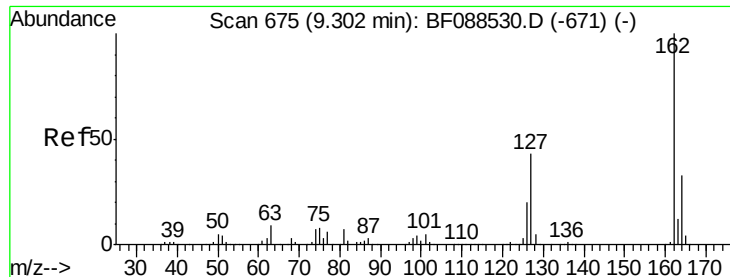
#45
1,1'-Biphenyl
Concen: 36.80 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:154 Resp: 871838
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 17.0 0.0 35.1



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

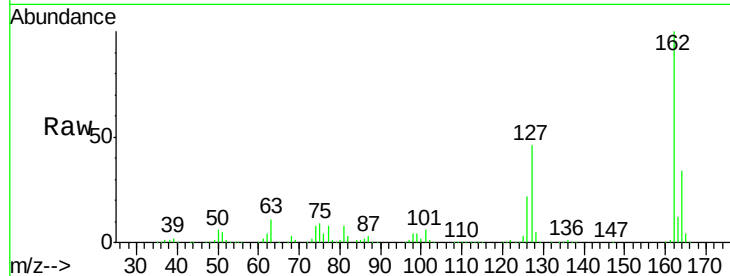




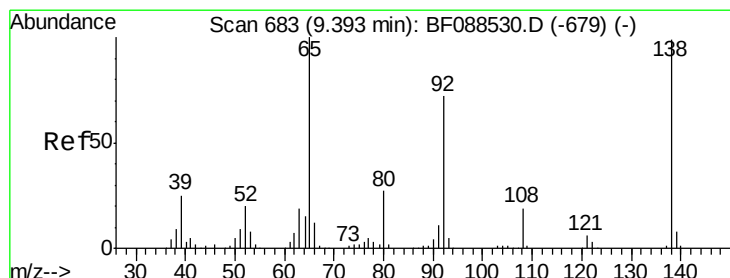
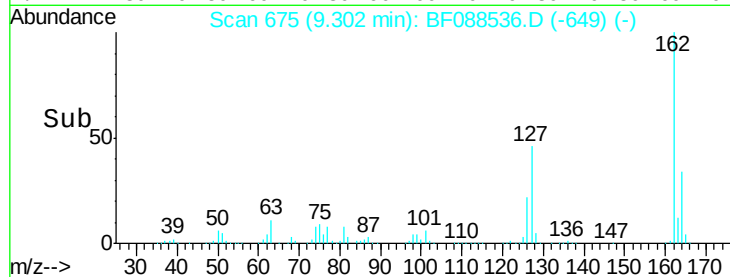
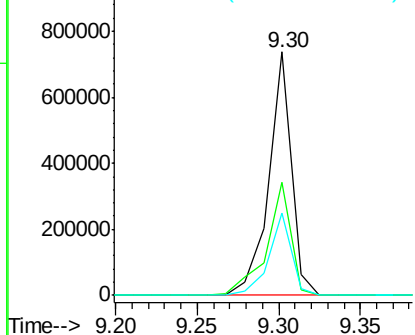
#46
 2-Chloronaphthalene
 Concen: 38.67 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion: 162 Resp: 719221
 Ion Ratio Lower Upper
 162 100
 127 46.2 35.2 52.8
 164 33.8 26.6 39.8

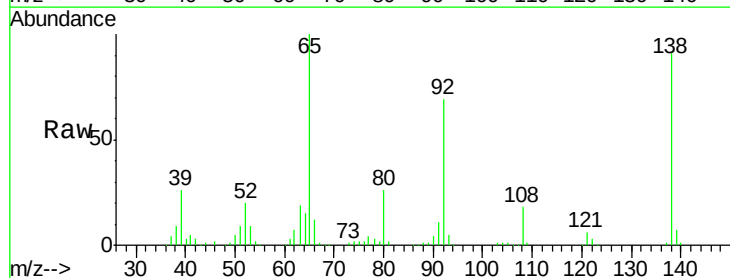


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

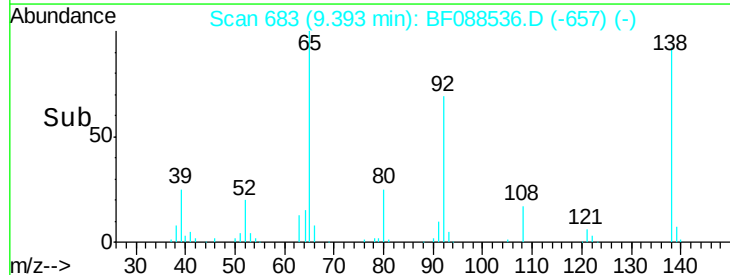
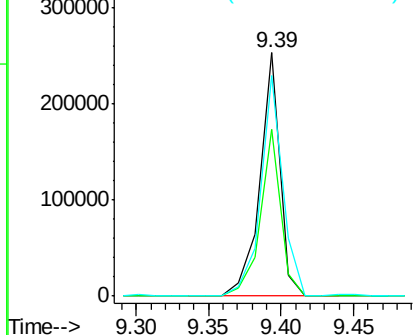


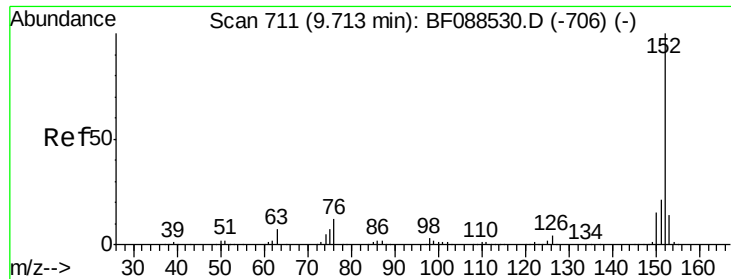
#47
 2-Nitroaniline
 Concen: 36.80 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion: 65 Resp: 242868
 Ion Ratio Lower Upper
 65 100
 92 68.6 54.6 82.0
 138 90.7 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.57 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

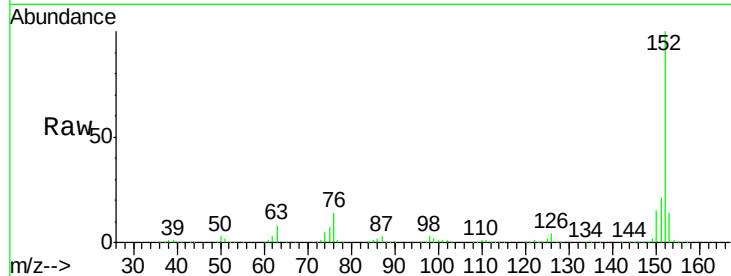
Tgt Ion:152 Resp: 1111700

Ion Ratio Lower Upper

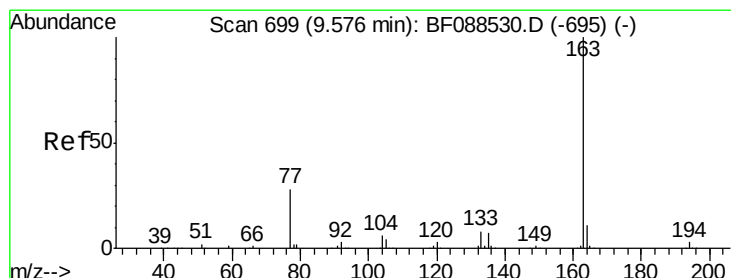
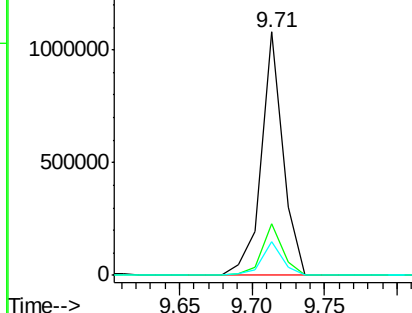
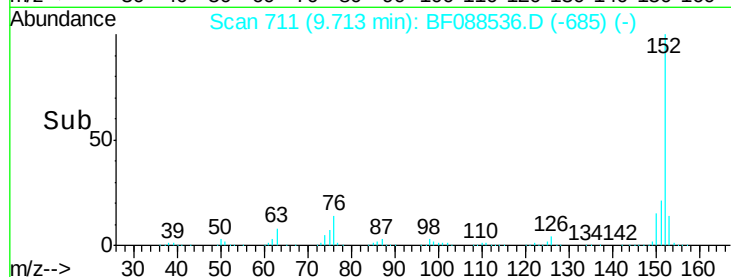
152 100

151 21.1 16.2 24.4

153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.33 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

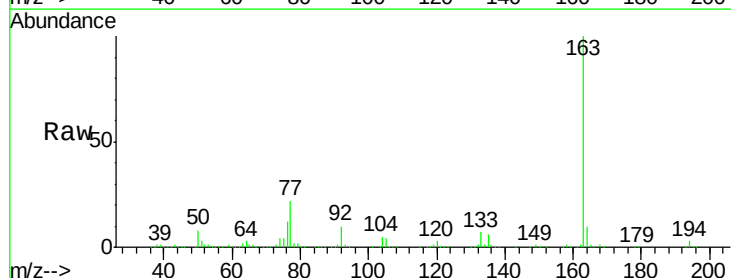
Tgt Ion:163 Resp: 923866

Ion Ratio Lower Upper

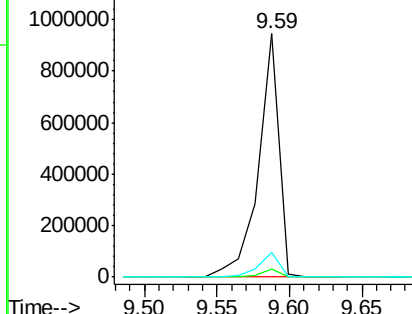
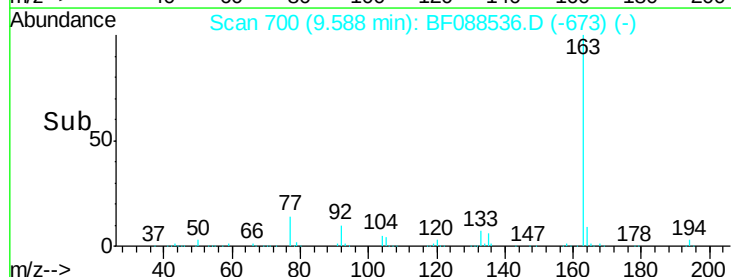
163 100

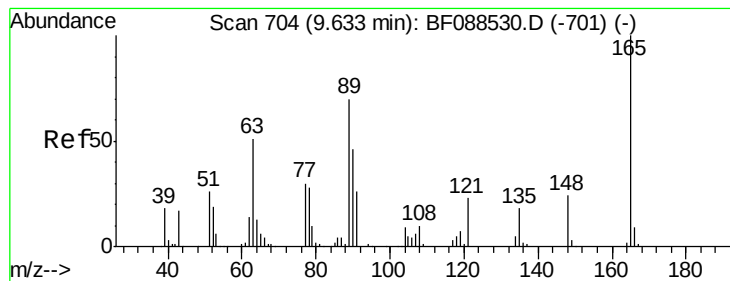
194 3.5 2.8 4.2

164 10.4 8.3 12.5



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

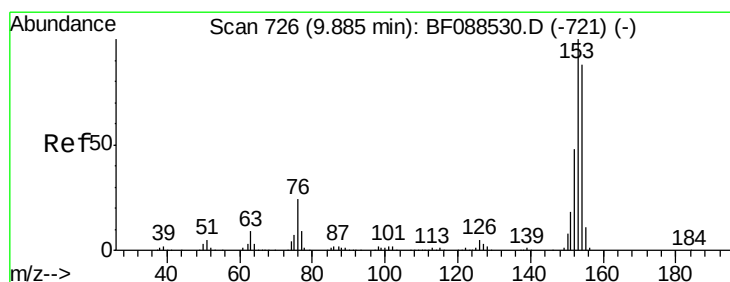
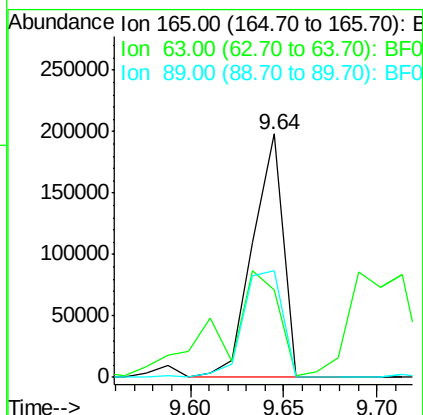
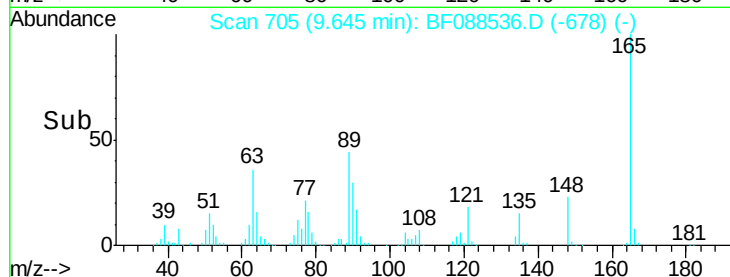
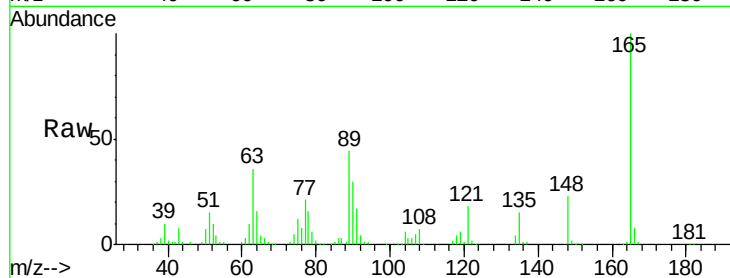




#50
2,6-Dinitrotoluene
Concen: 49.50 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

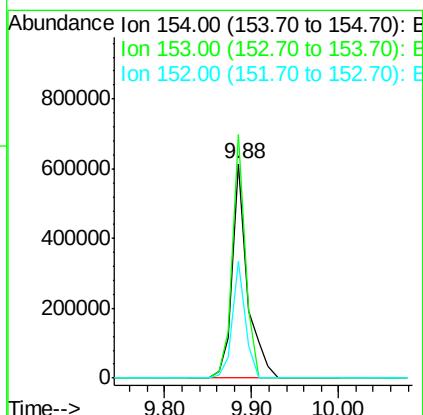
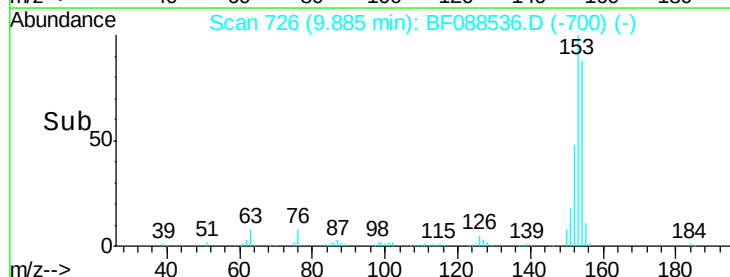
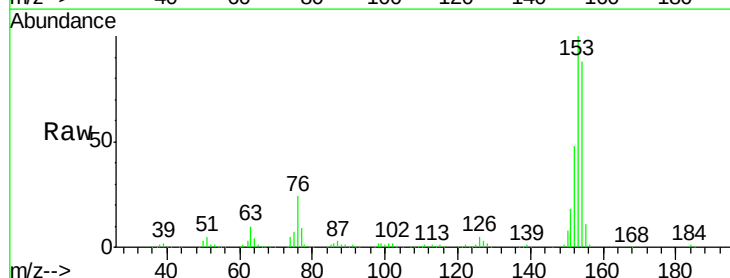
Instrument :
BNA_F
ClientSampleID :
PB91573BS

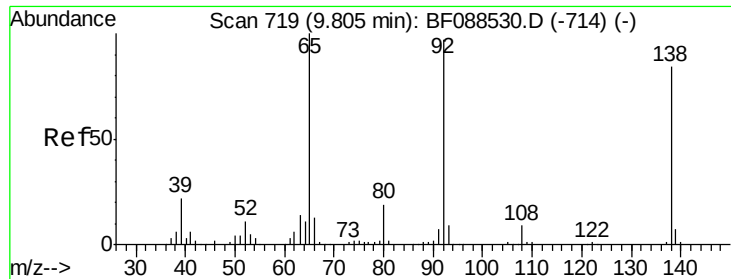
Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.1	28.1	42.1
89	43.8	32.2	48.2



#51
Acenaphthene
Concen: 40.91 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.5	134.3
152	54.3	42.7	64.1

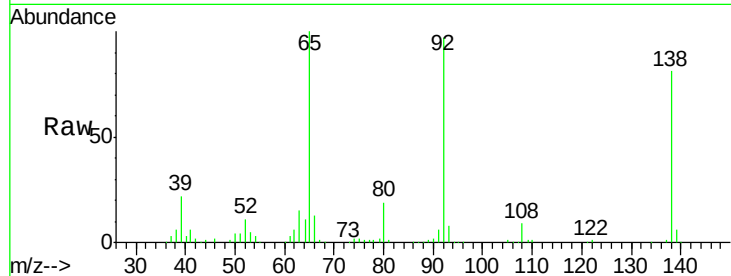




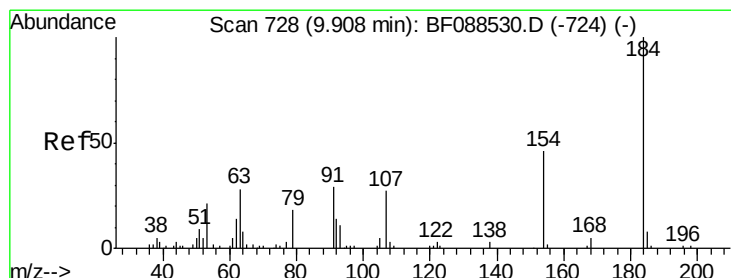
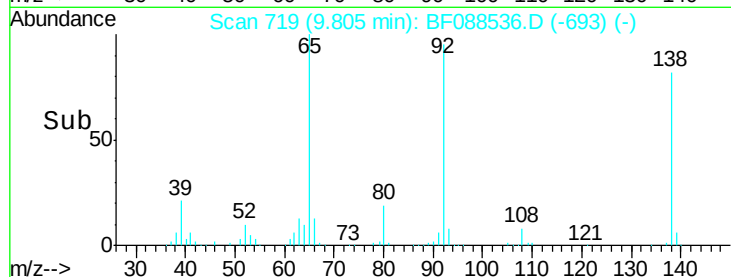
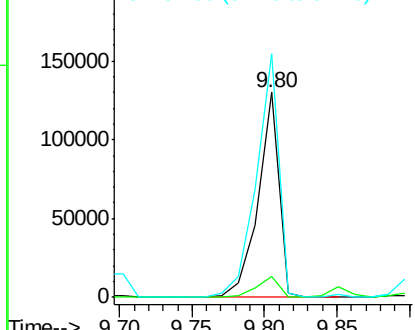
#52
 3-Nitroaniline
 Concen: 22.51 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:138 Resp: 129260
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.5 12.7
 92 118.7 95.7 143.5

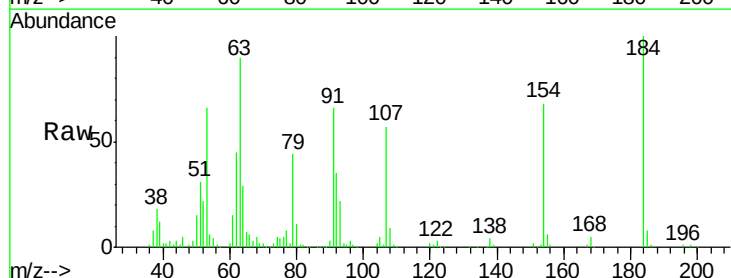


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

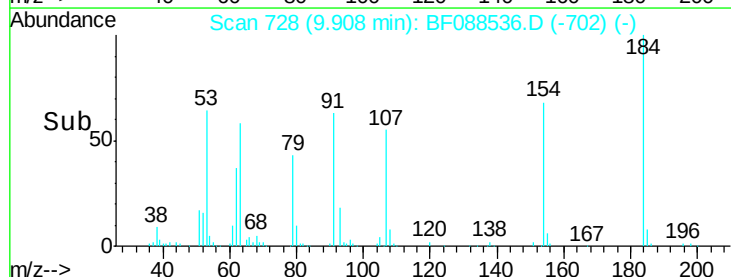
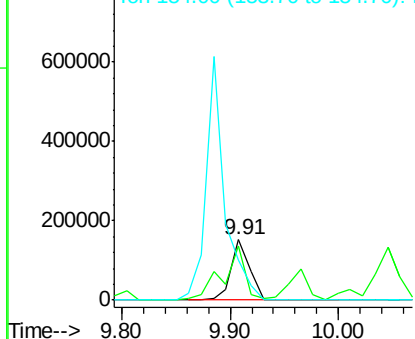


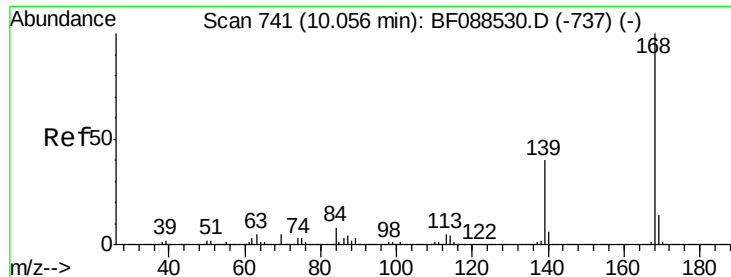
#53
 2,4-Dinitrophenol
 Concen: 89.27 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:184 Resp: 178047
 Ion Ratio Lower Upper
 184 100
 63 90.2 57.6 86.4#
 154 67.8 53.5 80.3



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

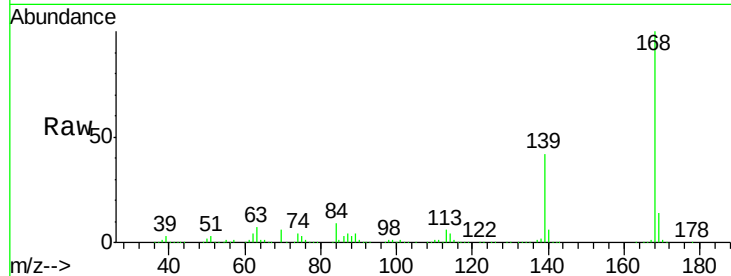




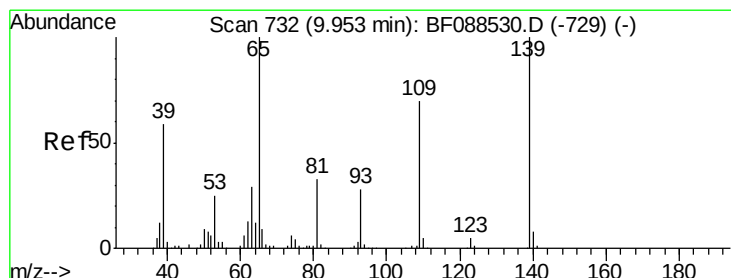
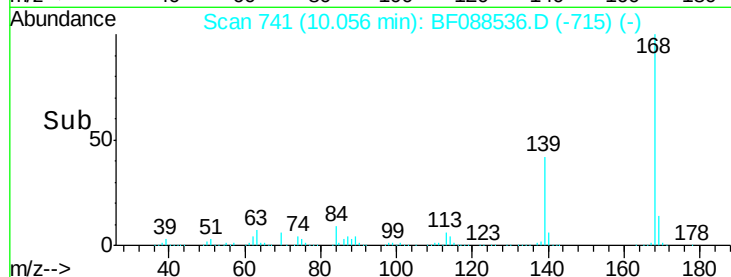
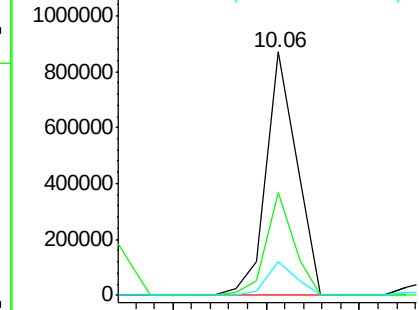
#54
Dibenzenofuran
Concen: 41.40 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:168 Resp: 982928
Ion Ratio Lower Upper
168 100
139 42.3 26.4 39.6#
169 13.8 10.4 15.6

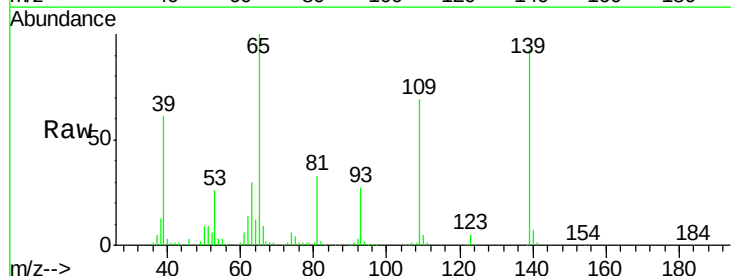


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

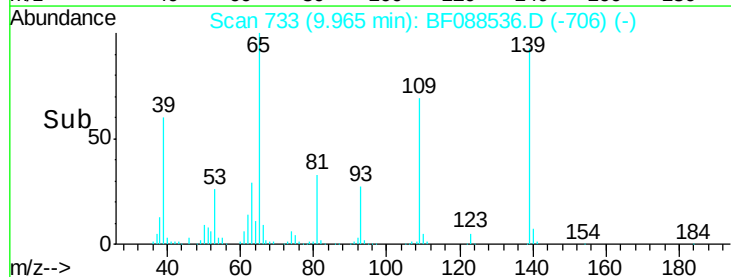
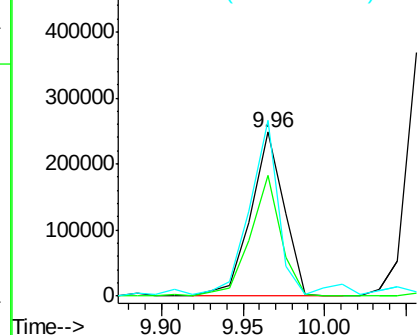


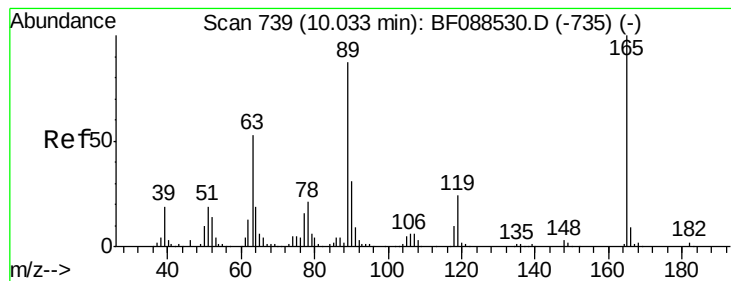
#55
4-Nitrophenol
Concen: 79.89 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:139 Resp: 348628
Ion Ratio Lower Upper
139 100
109 73.4 48.9 88.9
65 107.1 84.9 124.9



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





#56

2,4-Dinitrotoluene

Concen: 49.90 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:165 Resp: 294733

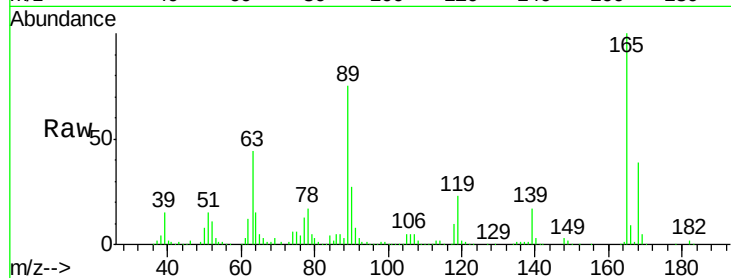
Ion Ratio Lower Upper

165 100

63 43.7 22.0 33.0#

89 74.9 41.1 61.7#

182 2.4 2.0 3.0

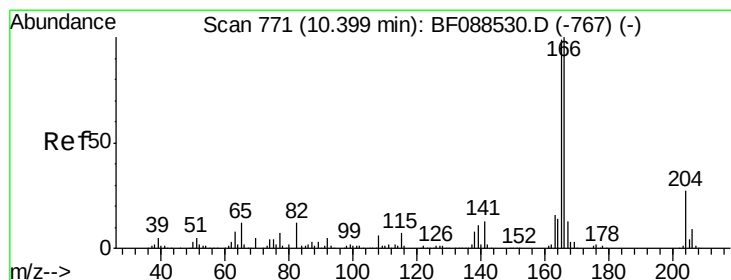
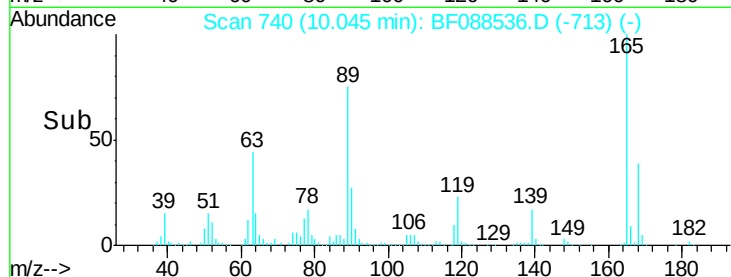
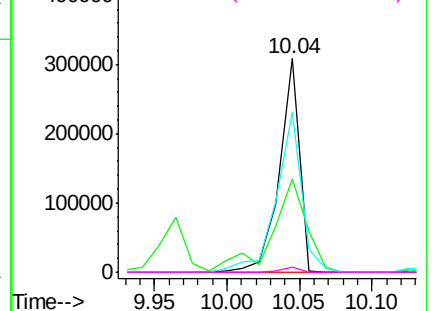


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.04 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

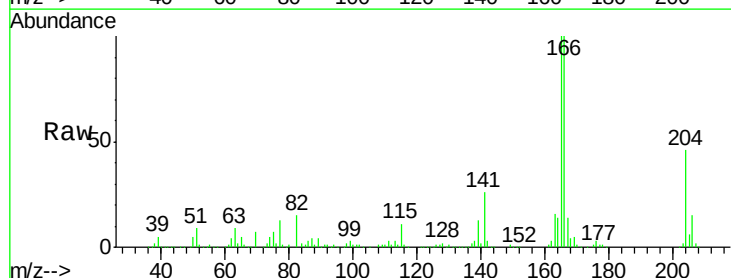
Tgt Ion:166 Resp: 677617

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

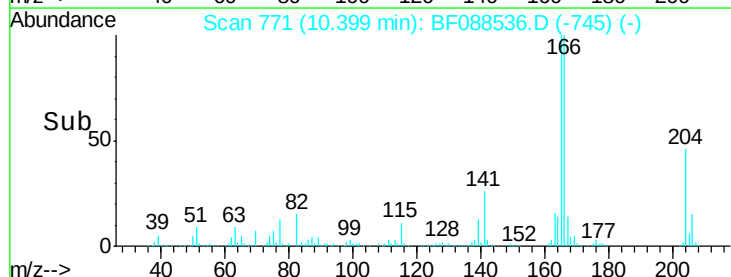
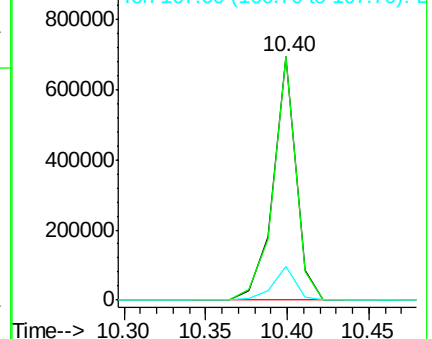
167 13.9 11.2 16.8

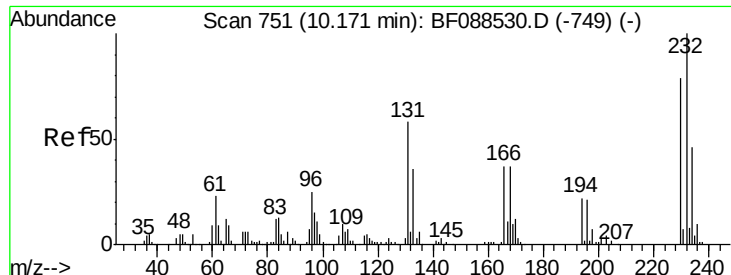


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

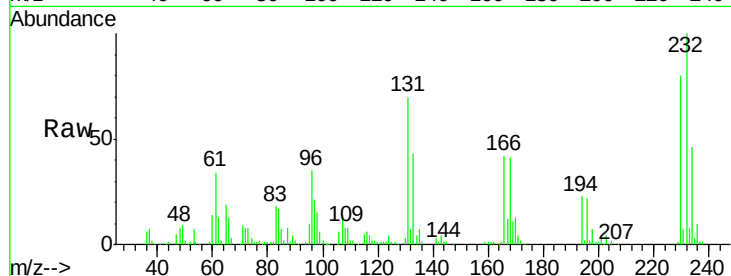




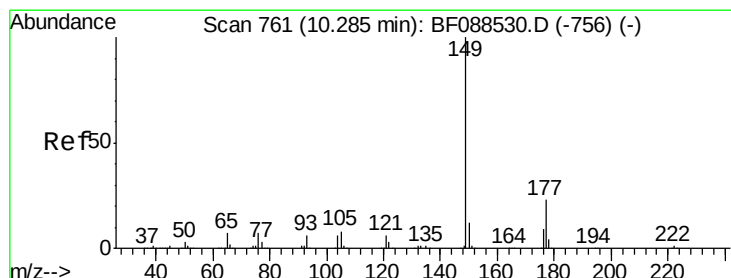
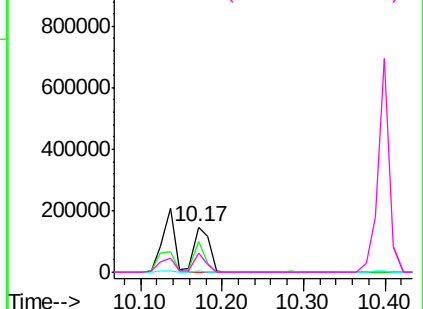
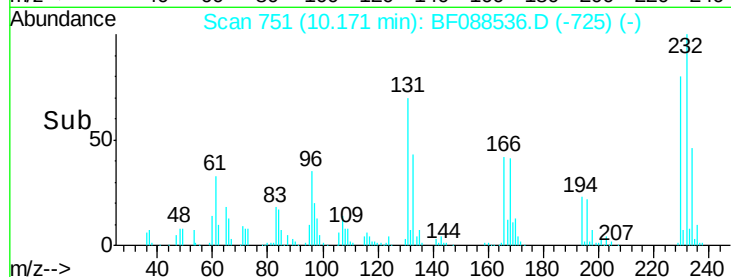
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.24 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion: 232 Resp: 188924
 Ion Ratio Lower Upper
 232 100
 131 53.2 0.9 1.3#
 130 2.6 1.5 2.3#
 166 34.6 0.5 0.7#

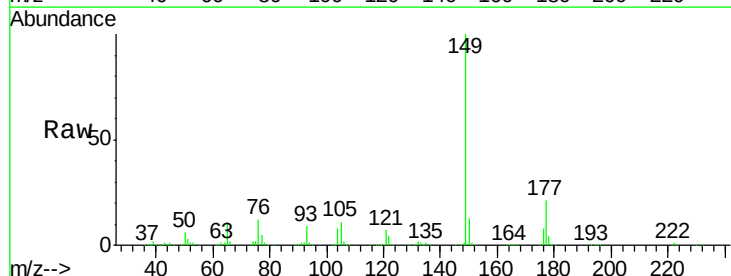


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

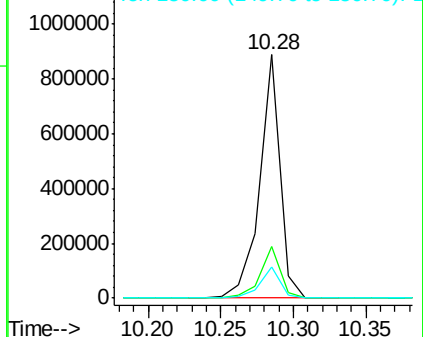
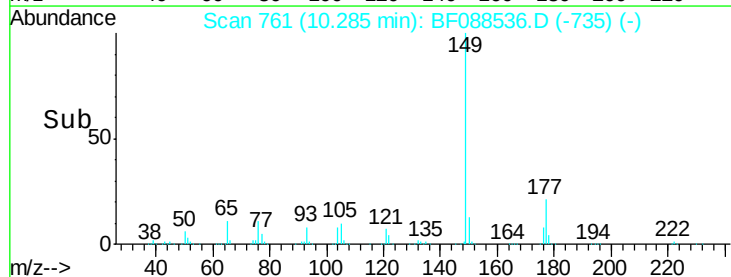


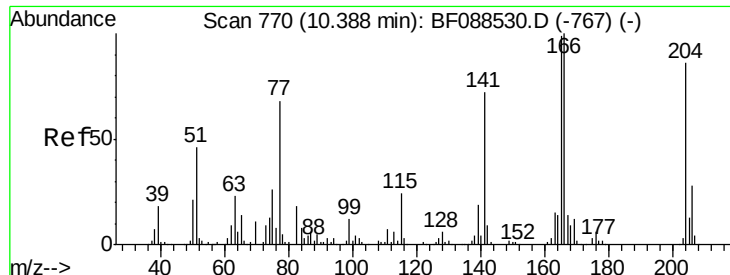
#59
 Diethylphthalate
 Concen: 42.31 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion: 149 Resp: 865367
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.9 25.3
 150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

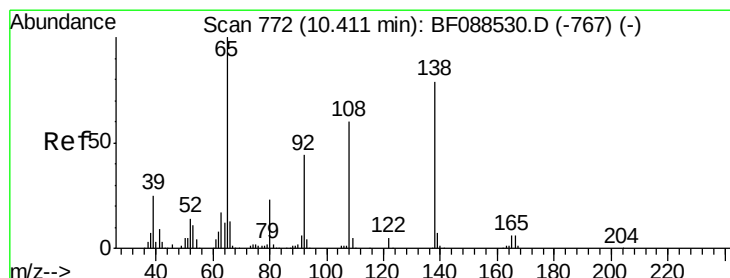
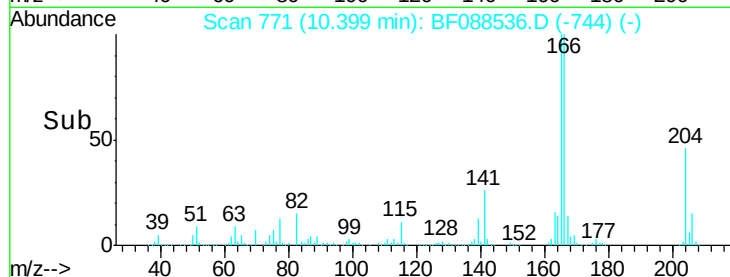
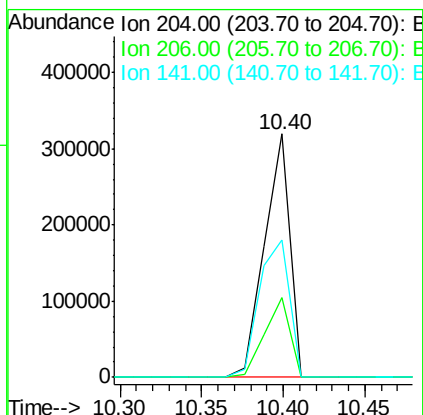
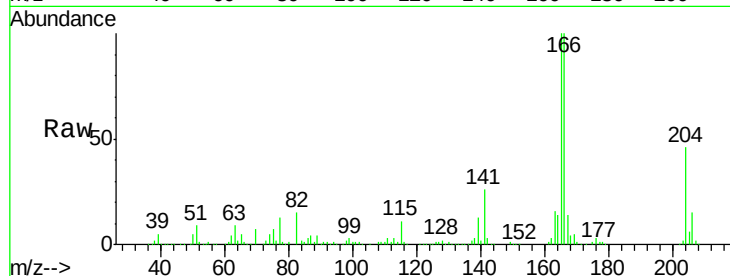




#60
 4-Chlorophenyl-phenylether
 Concen: 40.80 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

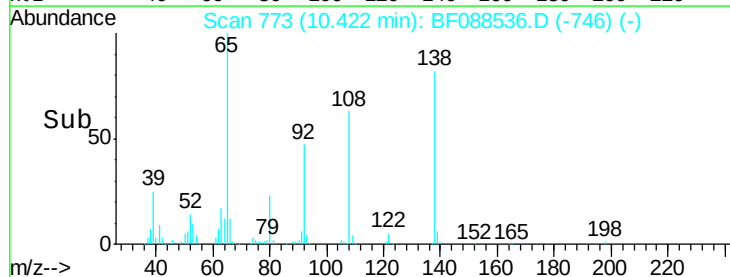
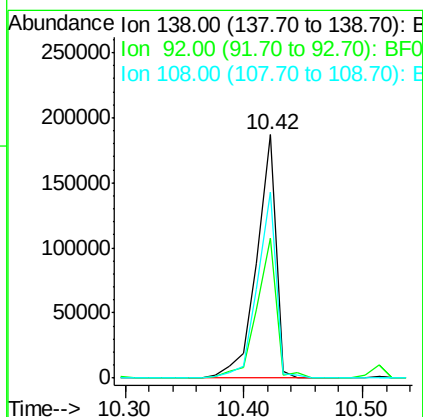
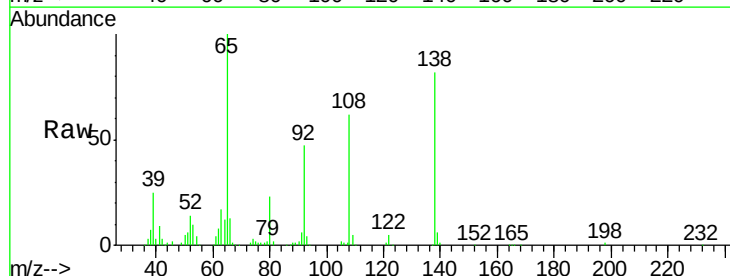
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

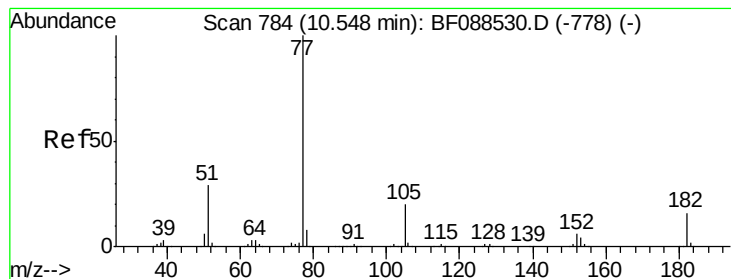
Tgt Ion:204 Resp: 346855
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.3 39.5
 141 56.3 55.0 82.6



#61
 4-Nitroaniline
 Concen: 38.67 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:138 Resp: 213663
 Ion Ratio Lower Upper
 138 100
 92 57.5 27.3 67.3
 108 76.2 46.7 86.7





#62

Azobenzene

Concen: 45.33 ng

RT: 10.55 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion: 77 Resp: 1057555

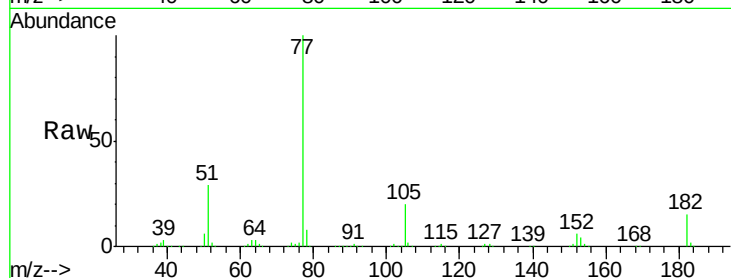
Ion Ratio Lower Upper

77 100

182 14.9 4.4 44.4

105 20.2 3.8 43.8

51 29.0 9.3 49.3

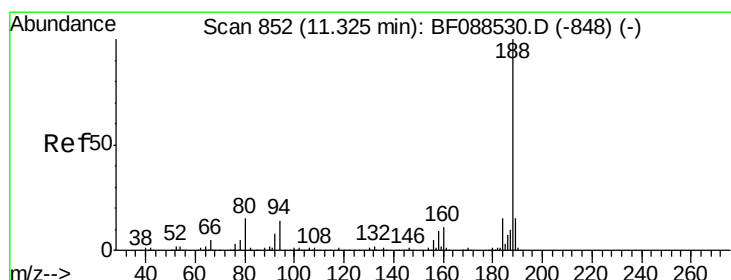
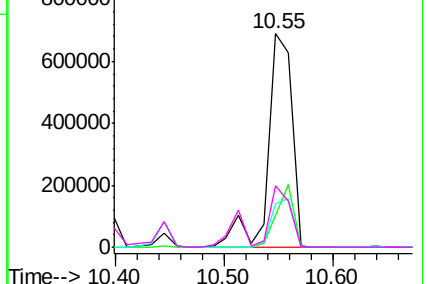
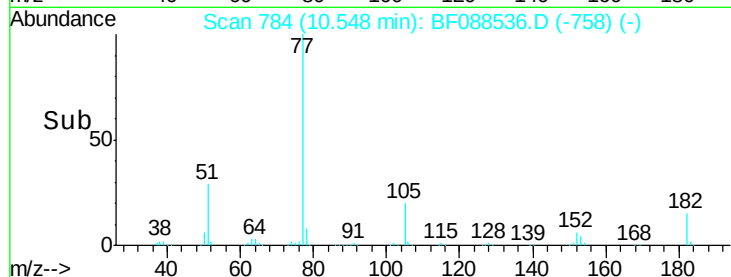


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

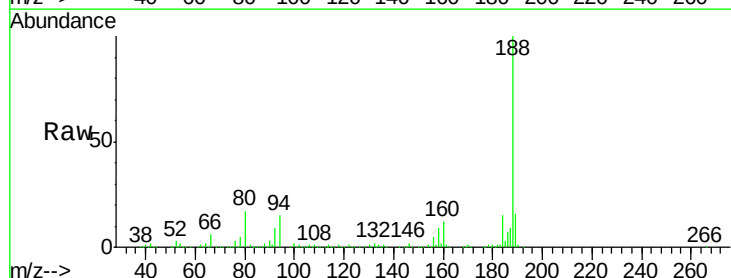
Tgt Ion: 188 Resp: 548739

Ion Ratio Lower Upper

188 100

94 15.3 9.0 13.6#

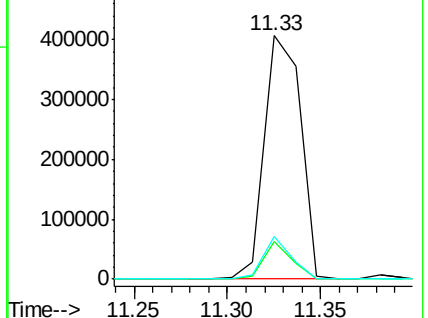
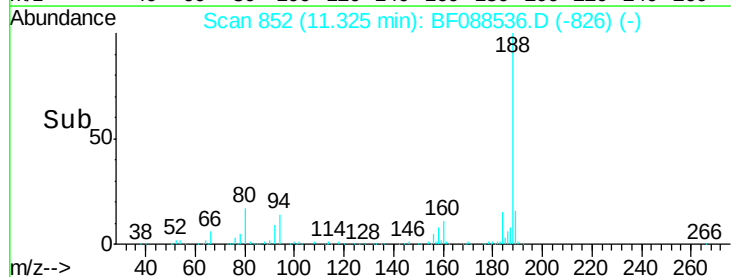
80 17.5 10.0 15.0#

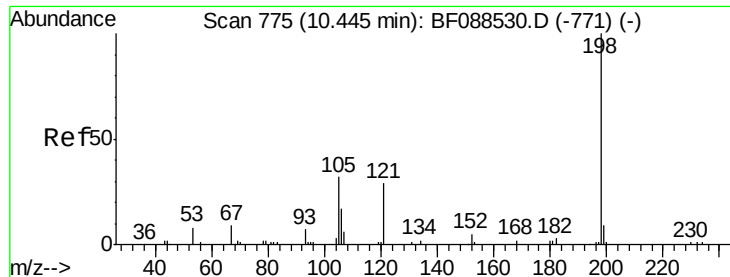


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.97 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampled :

PB91573BS

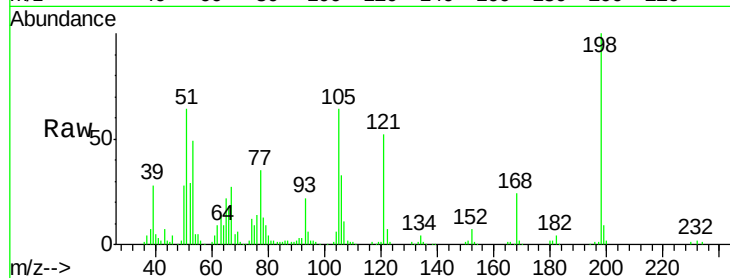
Tgt Ion:198 Resp: 117324

Ion Ratio Lower Upper

198 100

51 64.0 39.6 79.6

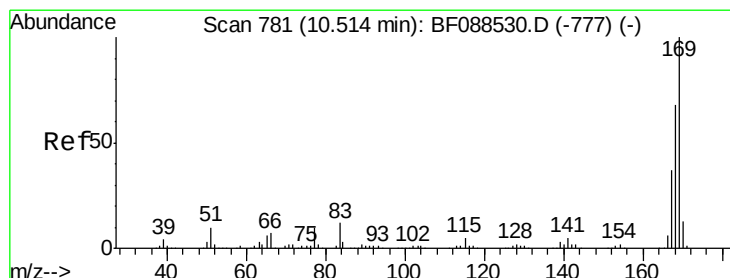
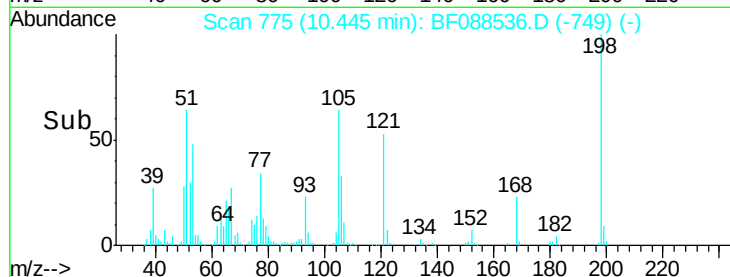
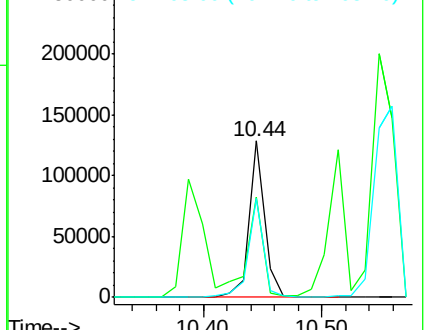
105 63.6 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.20 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

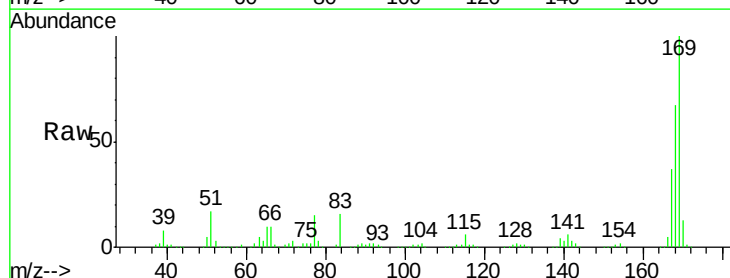
Tgt Ion:169 Resp: 672316

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

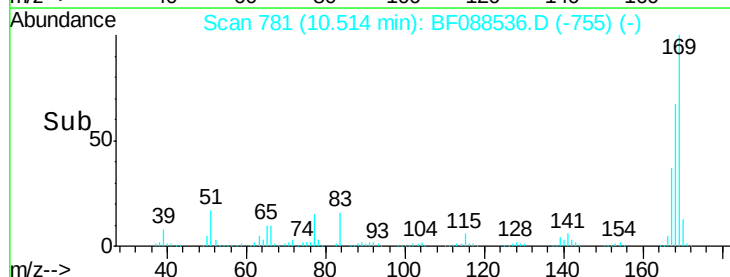
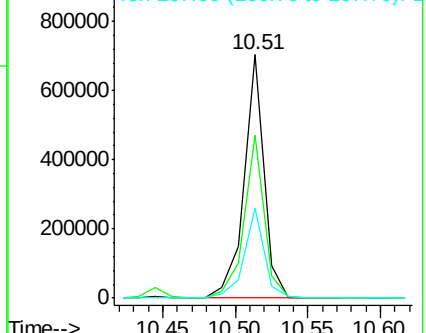
167 37.1 29.4 44.0

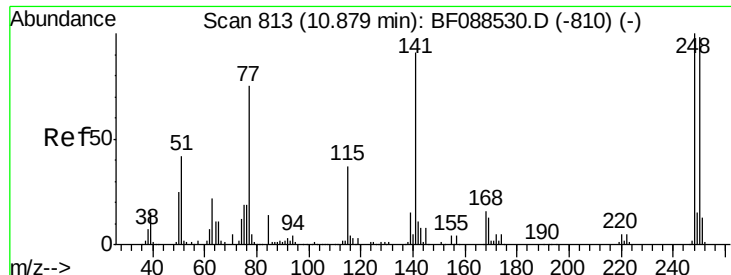


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

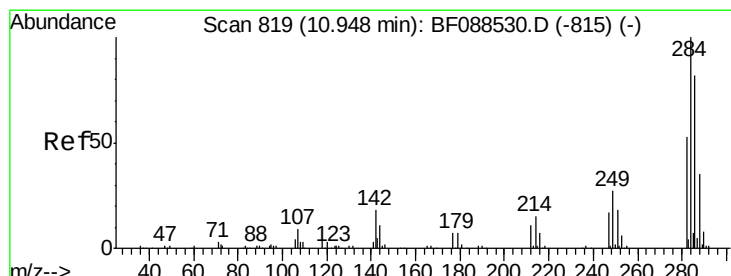
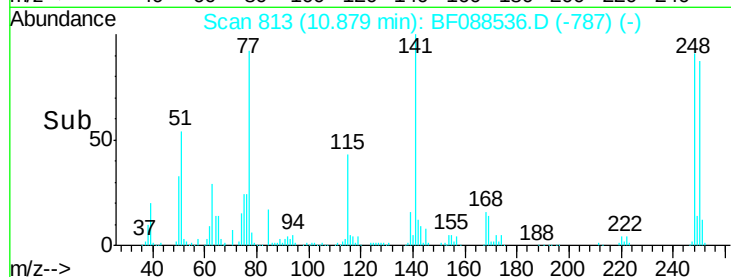
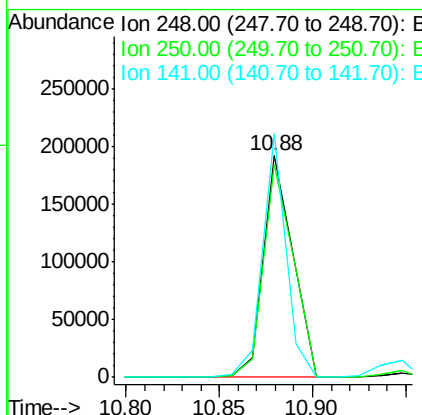
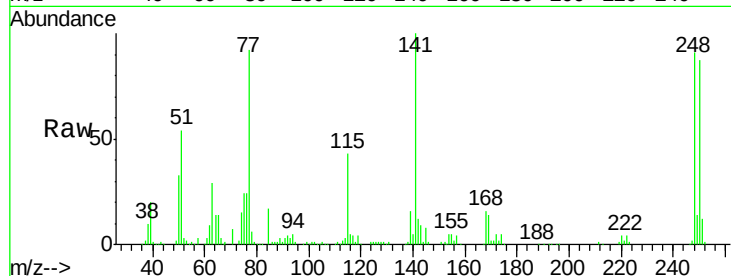




#66
4-Bromophenyl-phenylether
Concen: 37.84 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

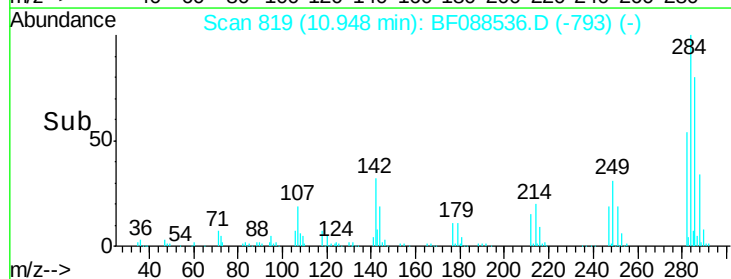
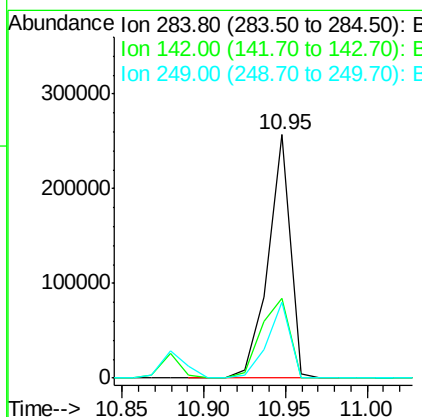
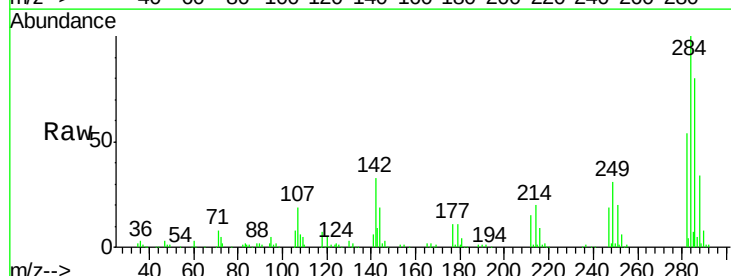
Instrument :
BNA_F
ClientSampled :
PB91573BS

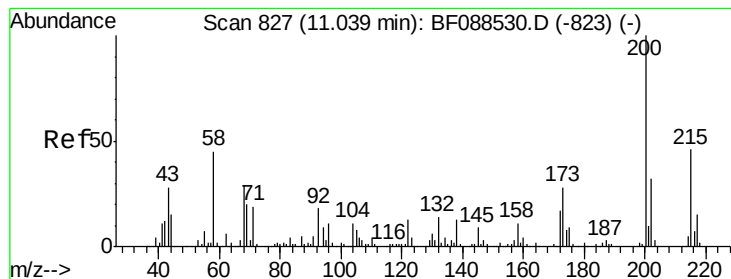
Tgt Ion:248 Resp: 209226
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 109.8 50.6 76.0#



#67
Hexachlorobenzene
Concen: 39.89 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:284 Resp: 244187
Ion Ratio Lower Upper
284 100
142 32.7 35.8 53.8#
249 31.1 25.8 38.6





#68

Atrazine

Concen: 35.61 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

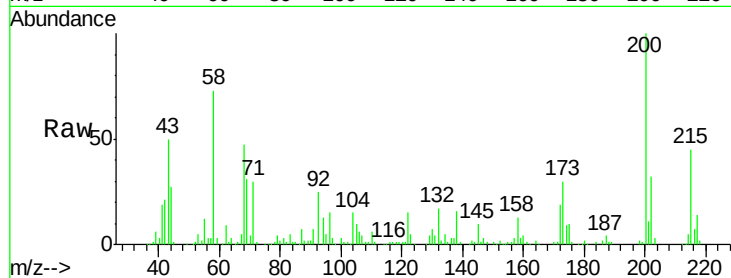
Tgt Ion:200 Resp: 206064

Ion Ratio Lower Upper

200 100

173 29.9 4.0 44.0

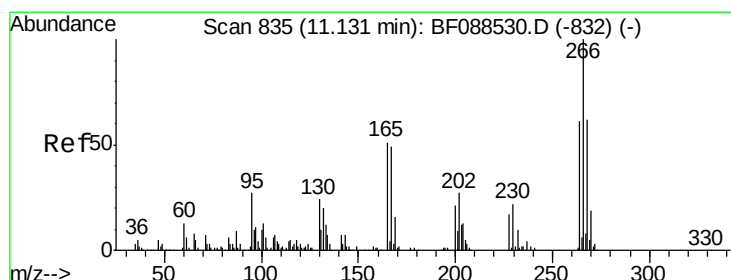
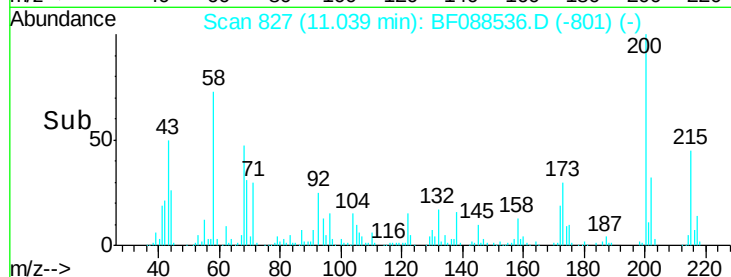
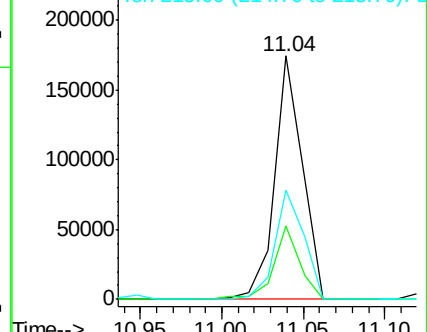
215 44.9 29.3 69.3



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: 85.04 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

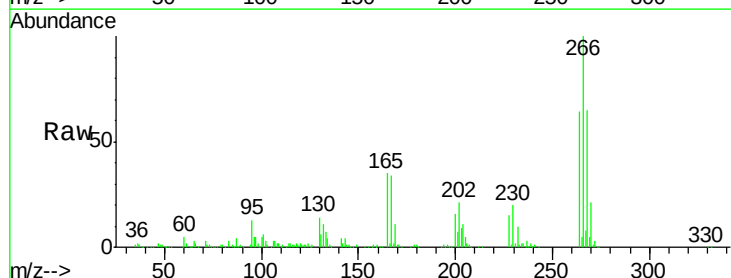
Tgt Ion:266 Resp: 308074

Ion Ratio Lower Upper

266 100

268 65.1 52.8 79.2

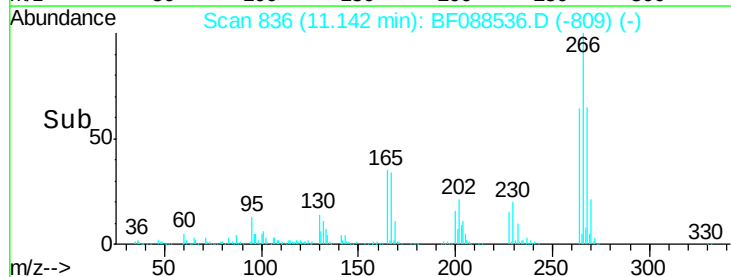
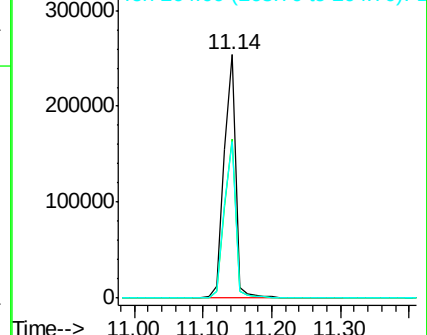
264 64.3 49.6 74.4

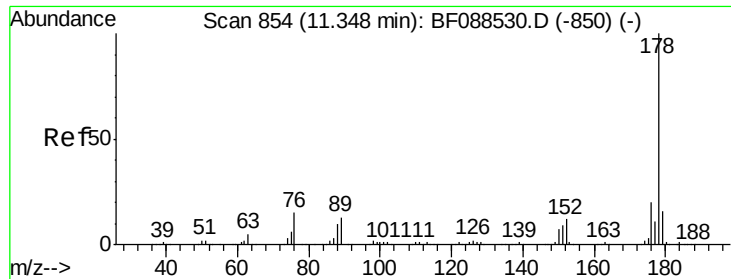


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

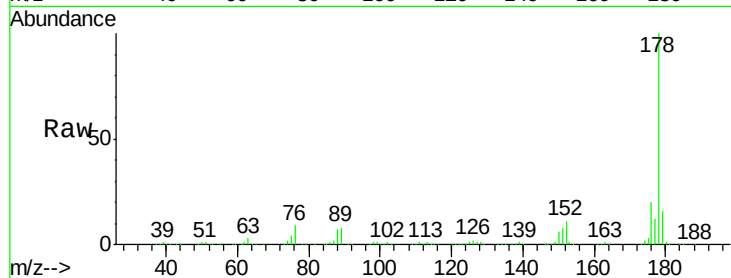




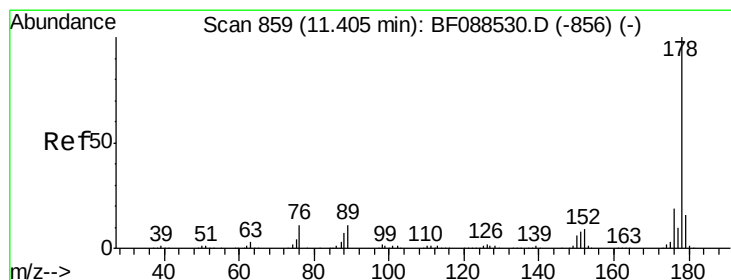
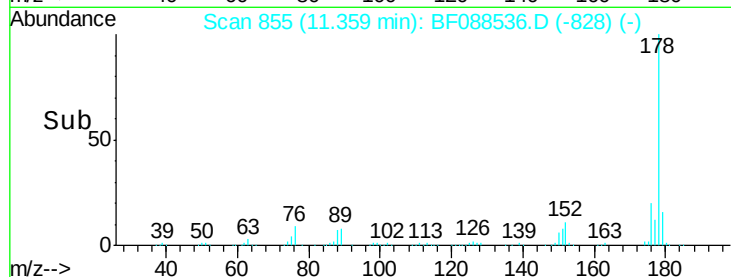
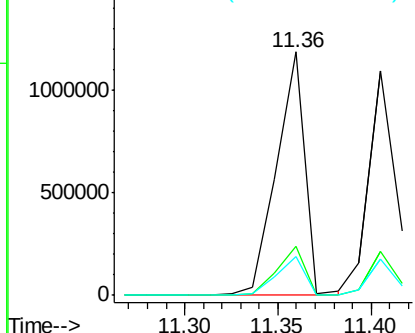
#70
 Phenanthrene
 Concen: 41.78 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:178 Resp: 1253310
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 15.7 13.0 19.4



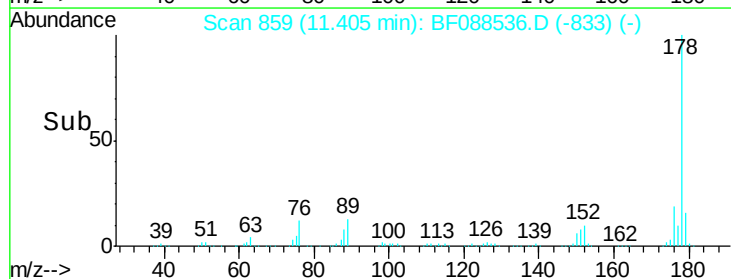
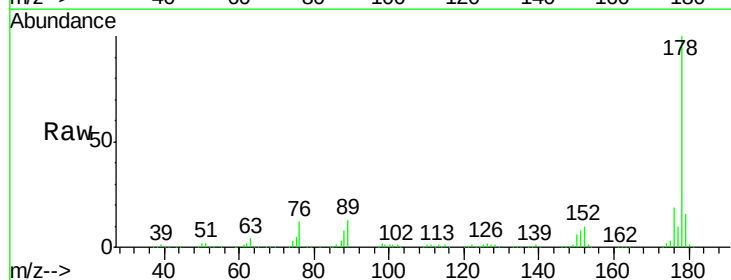
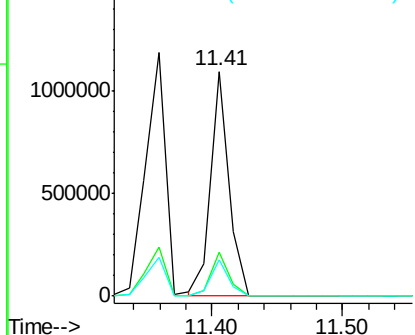
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

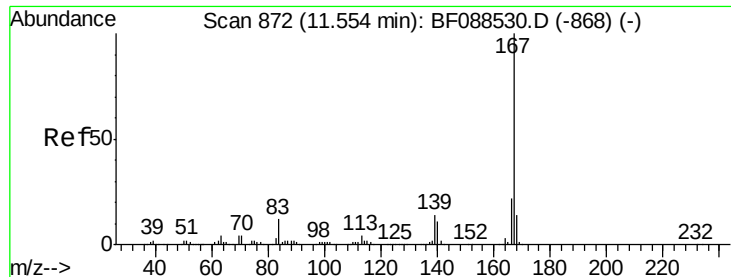


#71
 Anthracene
 Concen: 36.25 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:178 Resp: 1081217
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.1 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: 41.54 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

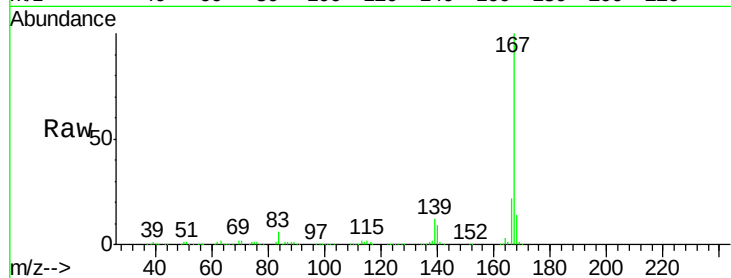
Tgt Ion:167 Resp: 1166232

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

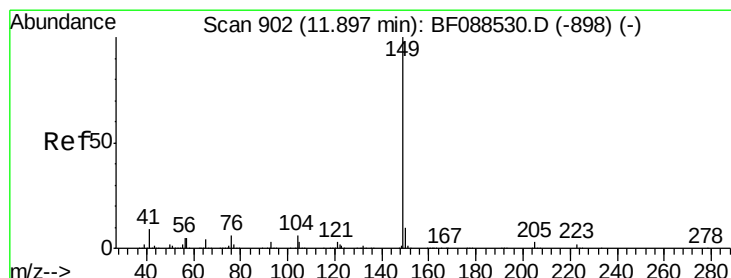
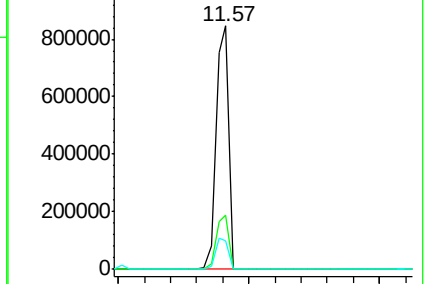
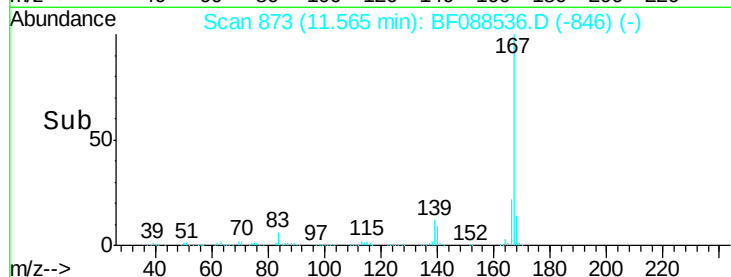
139 12.0 11.2 16.8



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: 39.03 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

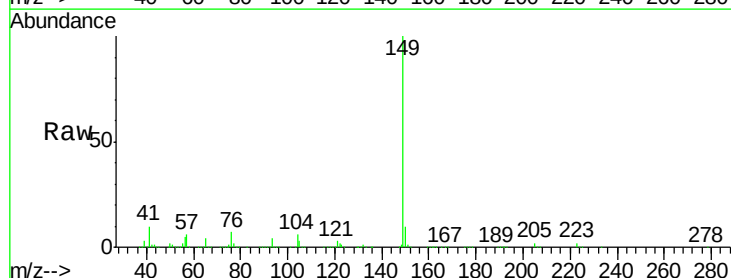
Tgt Ion:149 Resp: 1274360

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

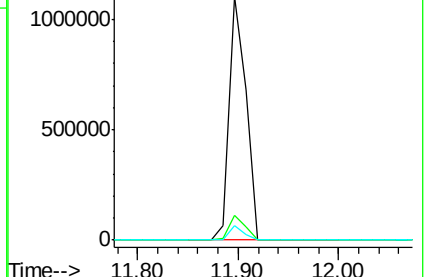
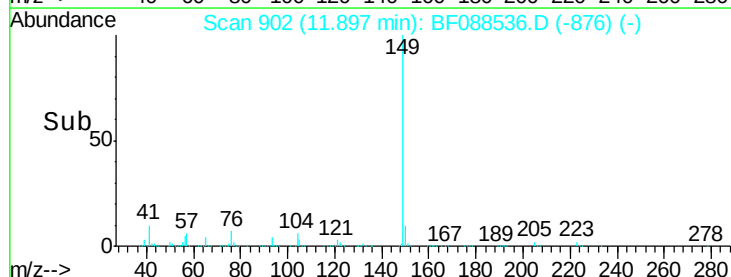
104 6.1 4.0 6.0#

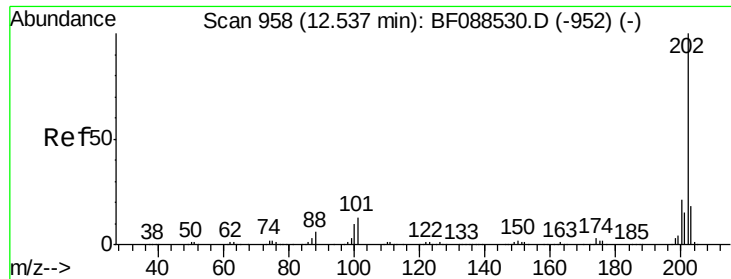


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

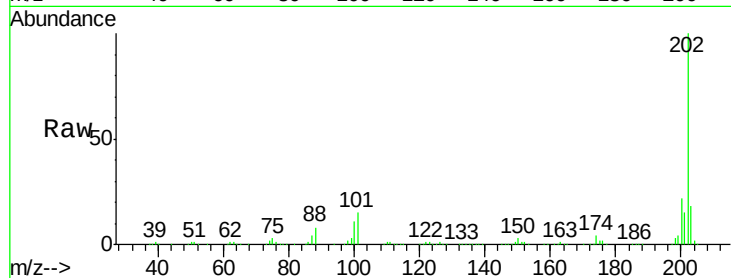




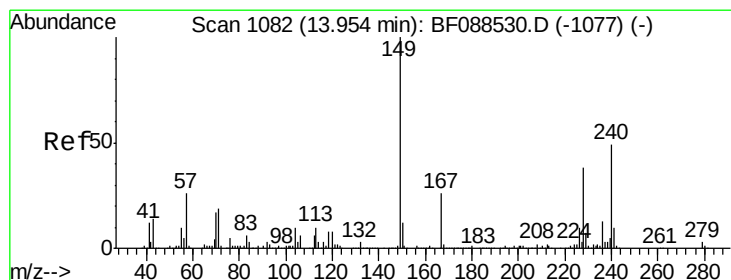
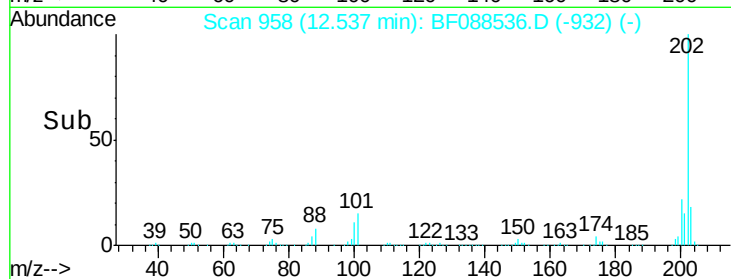
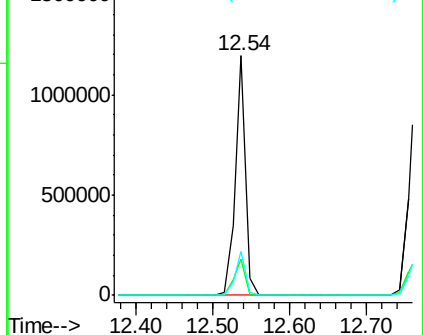
#74
Fluoranthene
Concen: 37.32 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion: 202 Resp: 1134926
Ion Ratio Lower Upper
202 100
101 15.0 0.0 33.1
203 18.2 0.0 38.1

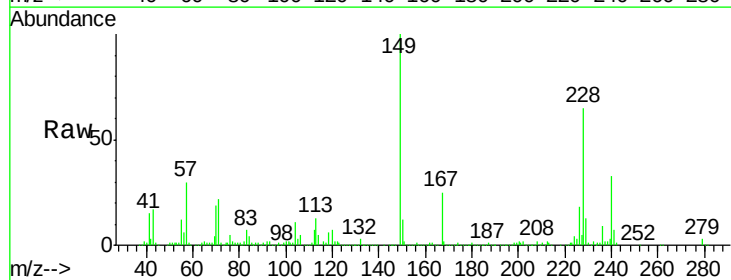


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

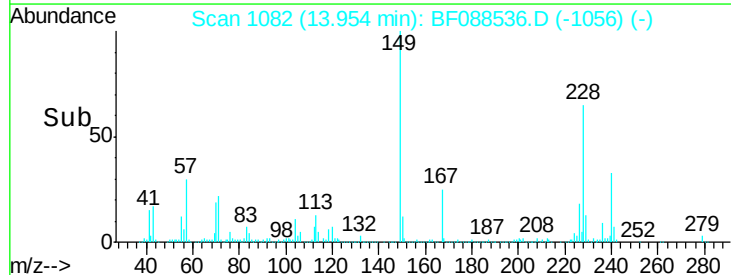
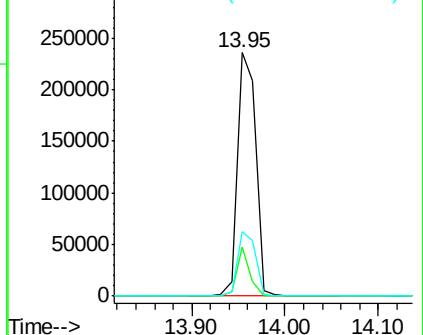


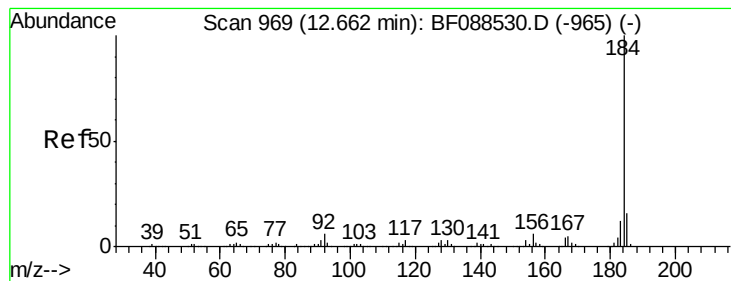
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 240 Resp: 322877
Ion Ratio Lower Upper
240 100
120 20.3 6.8 10.2#
236 26.6 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: 26.30 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

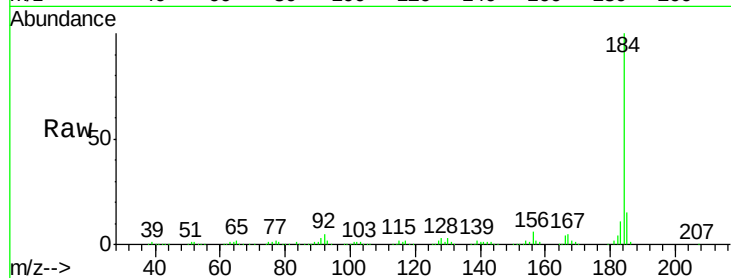
Tgt Ion:184 Resp: 429203

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

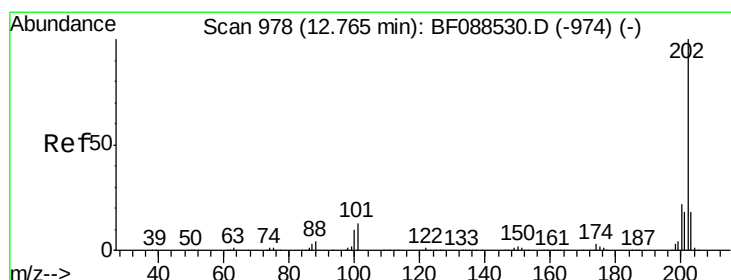
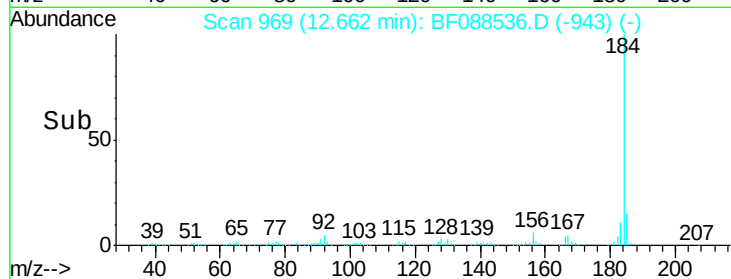
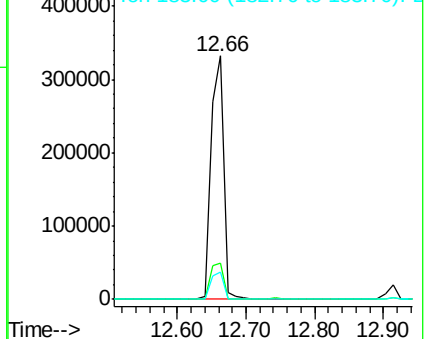
183 11.4 9.3 13.9



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: 44.45 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

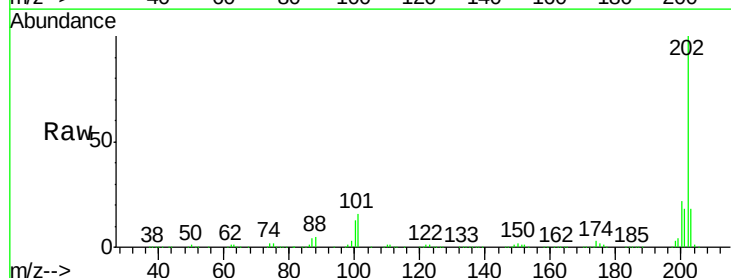
Tgt Ion:202 Resp: 1216934

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

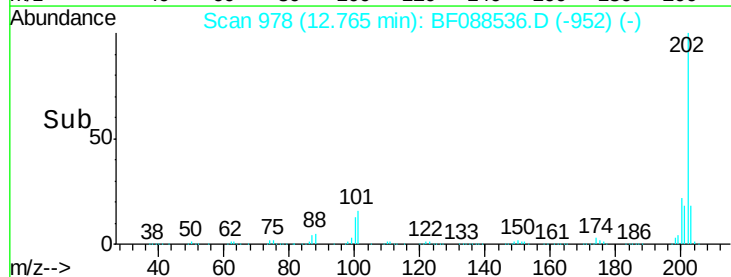
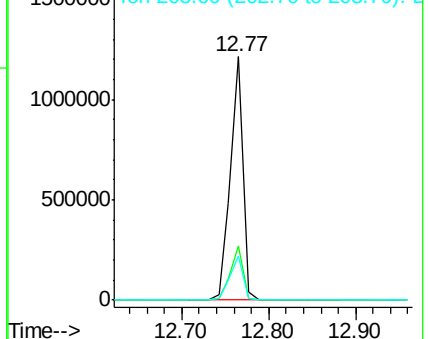
203 18.0 14.5 21.7

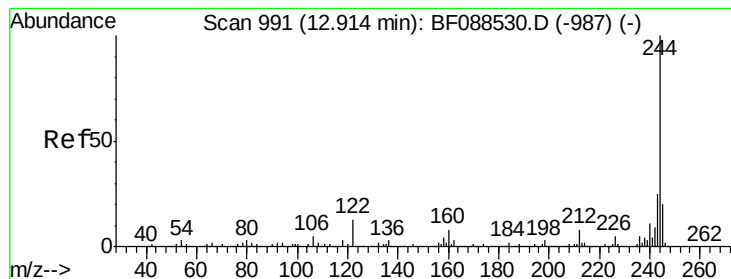


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.05 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

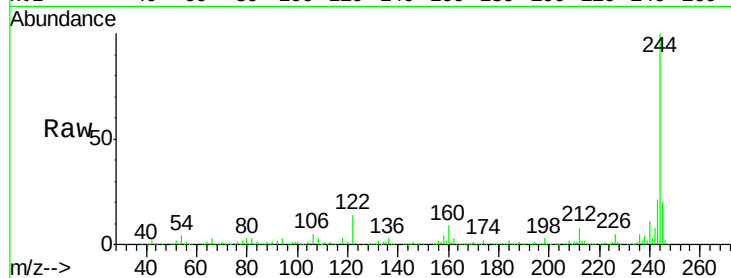
Tgt Ion:244 Resp: 1174971

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

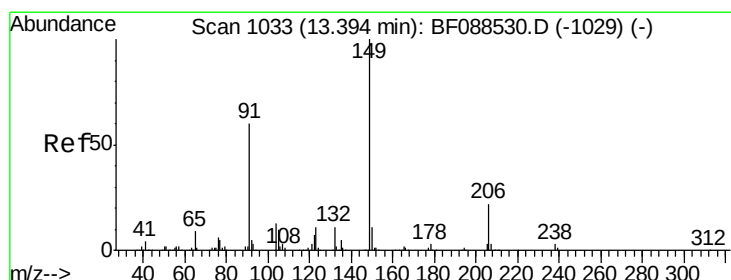
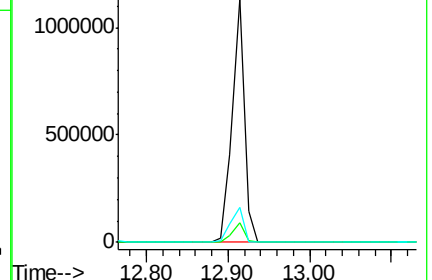
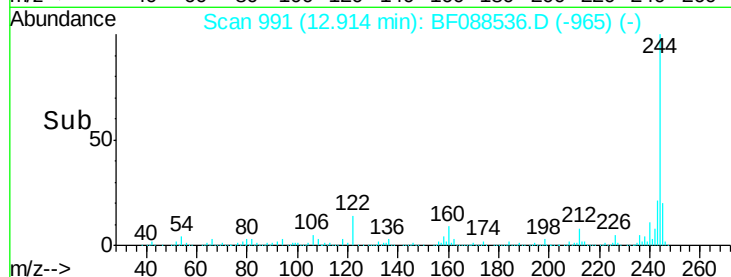
122 14.2 11.2 16.8



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: 49.16 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

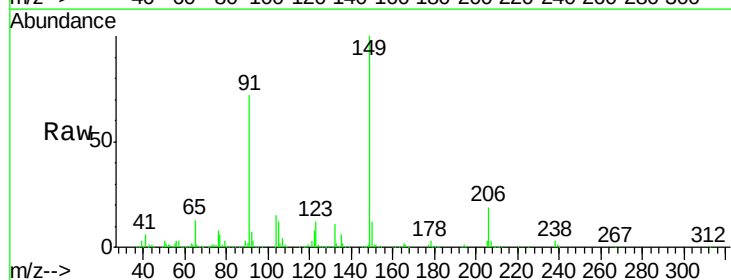
Tgt Ion:149 Resp: 600332

Ion Ratio Lower Upper

149 100

91 72.1 48.0 72.0#

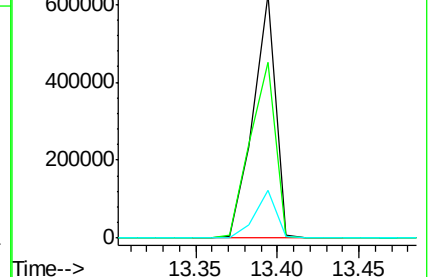
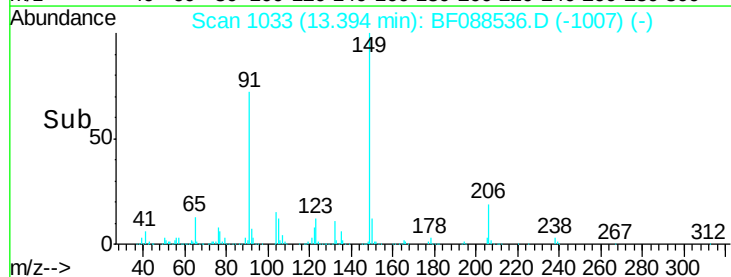
206 19.5 16.0 24.0

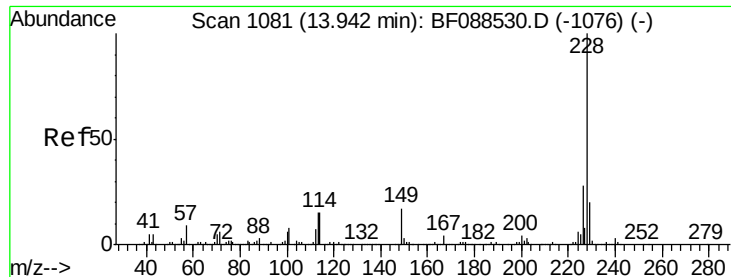


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.40 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

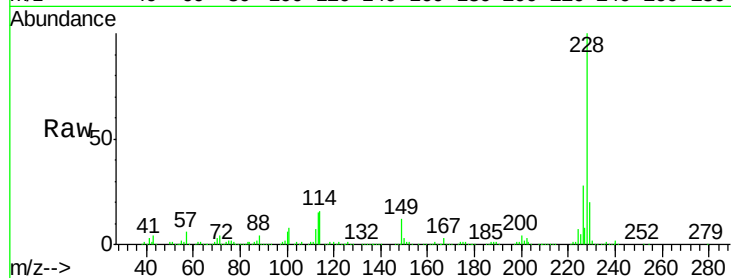
Tgt Ion:228 Resp: 923182

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

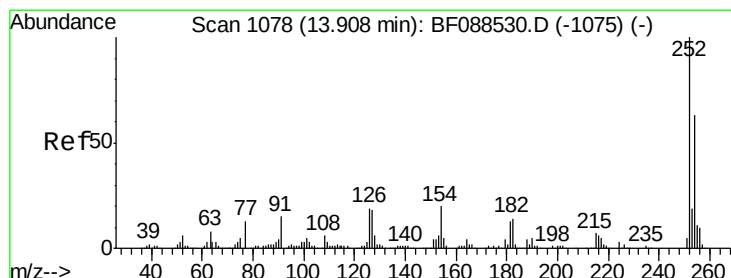
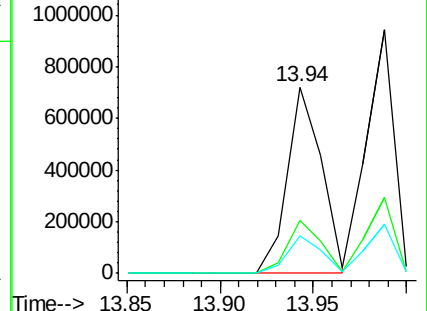
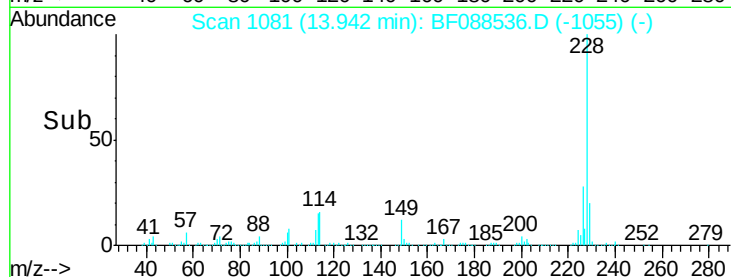
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 18.70 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

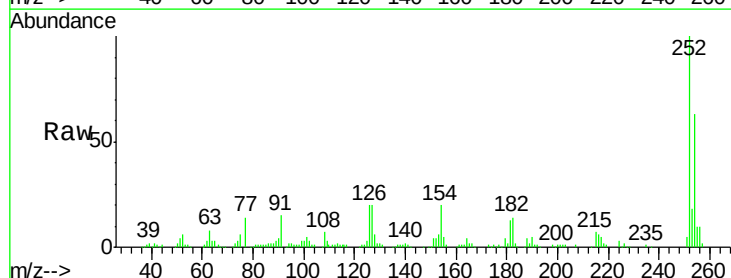
Tgt Ion:252 Resp: 146150

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

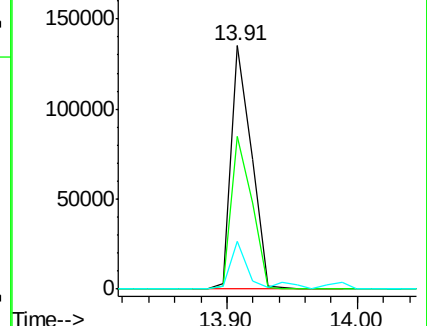
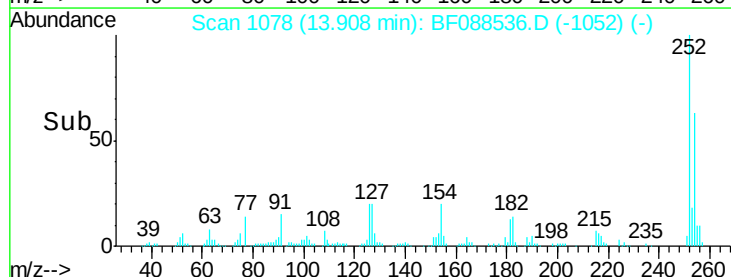
126 19.7 6.2 9.2#

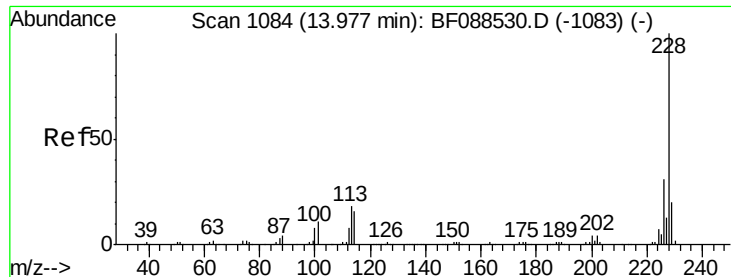


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.96 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

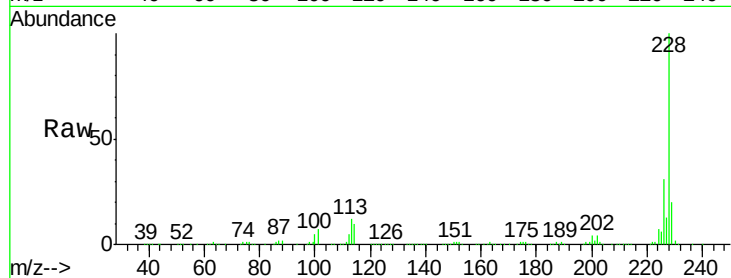
Tgt Ion:228 Resp: 965941

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

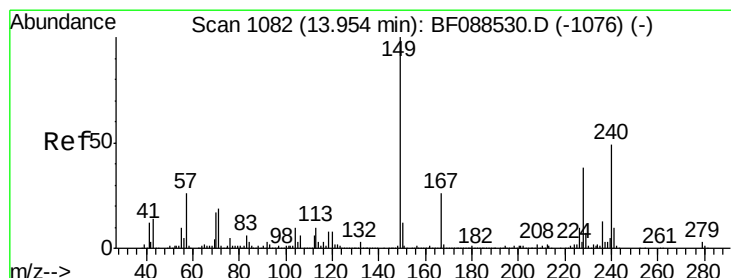
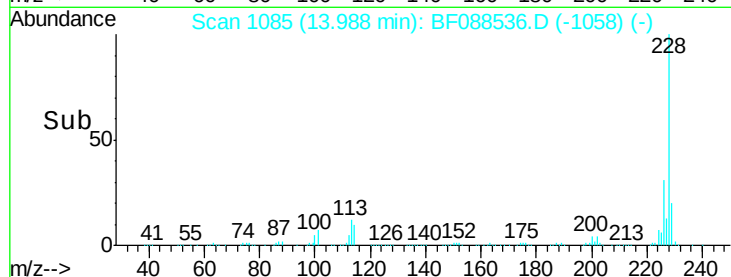
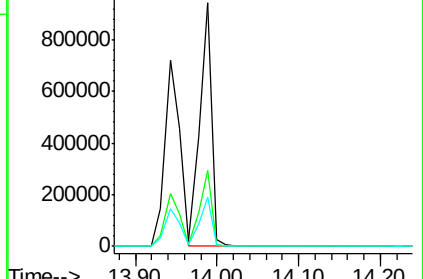
229 20.1 16.3 24.5



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: 45.55 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

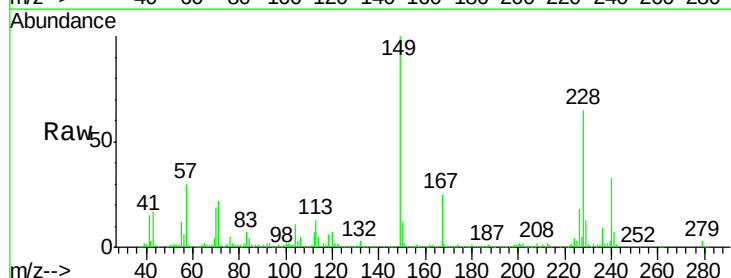
Tgt Ion:149 Resp: 635037

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

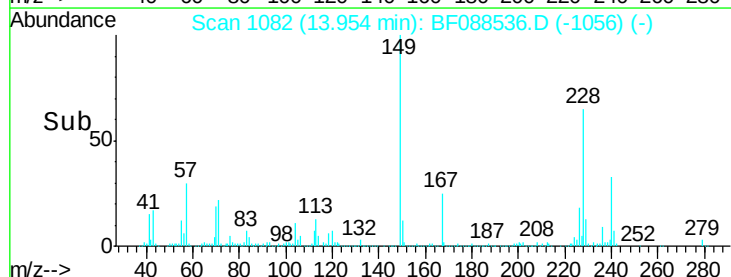
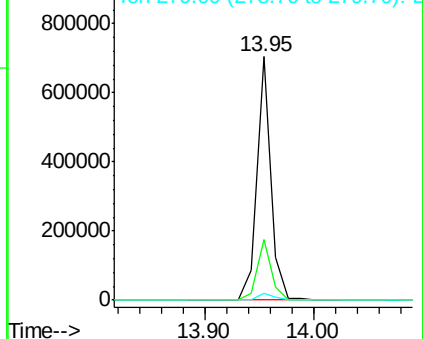
279 2.5 2.0 3.0

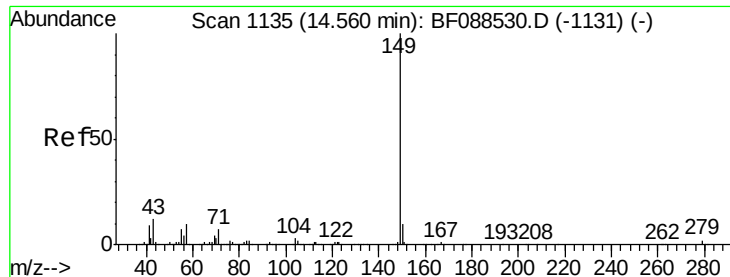


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.52 ng

RT: 14.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampled :

PB91573BS

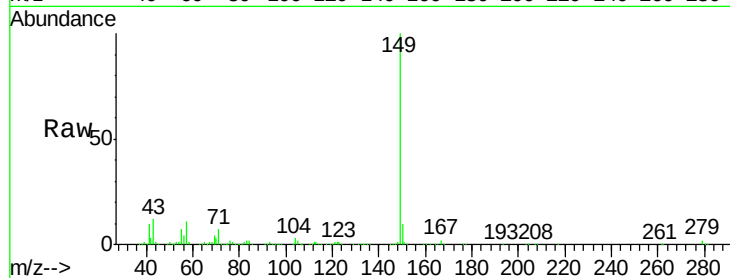
Tgt Ion:149 Resp: 1149150

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

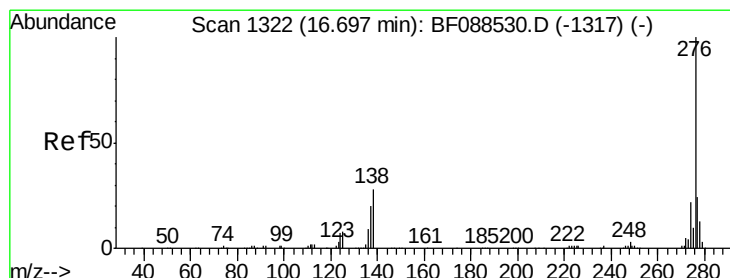
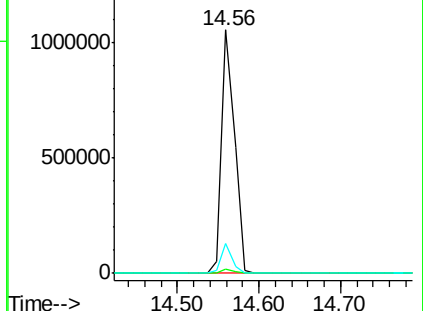
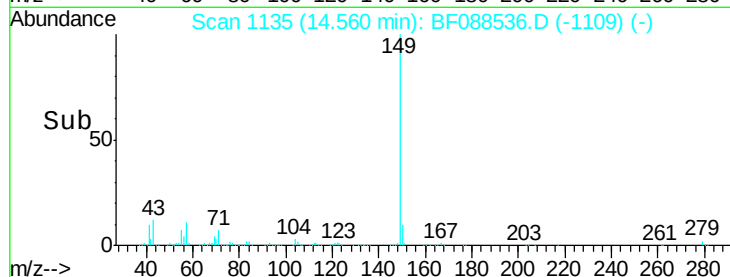
43 10.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.62 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

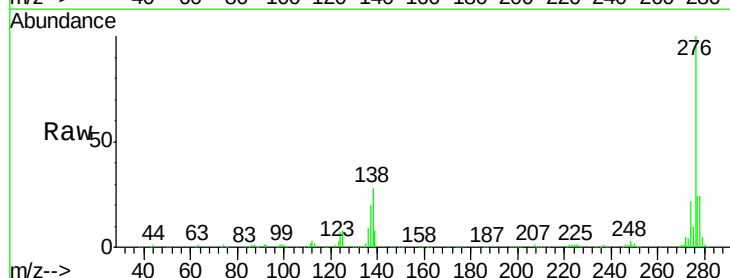
Tgt Ion:276 Resp: 785183

Ion Ratio Lower Upper

276 100

138 31.4 0.0 0.0#

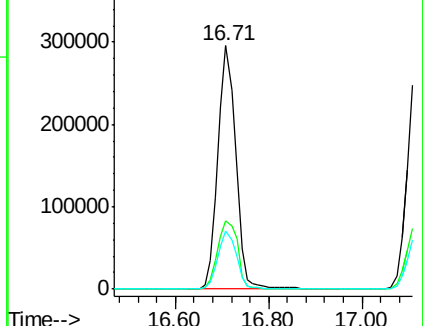
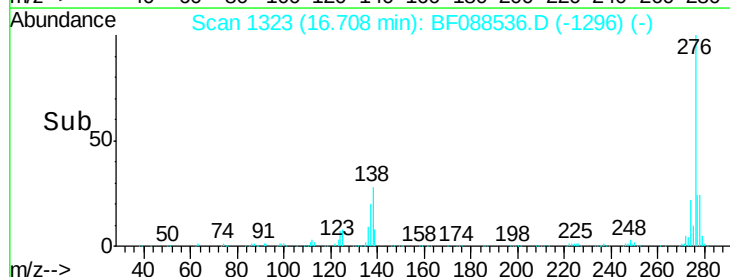
277 24.7 0.0 0.0#

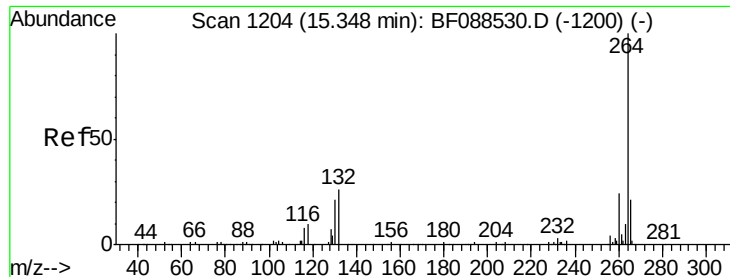


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



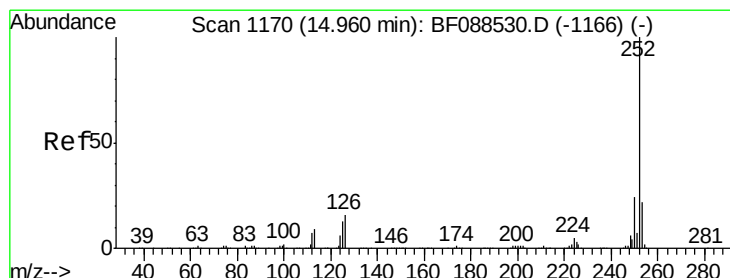
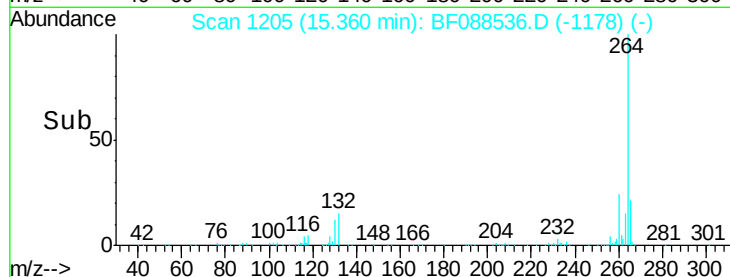
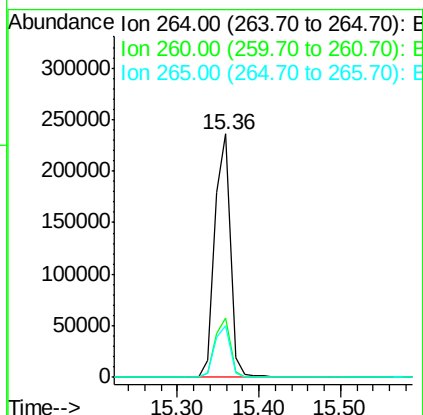
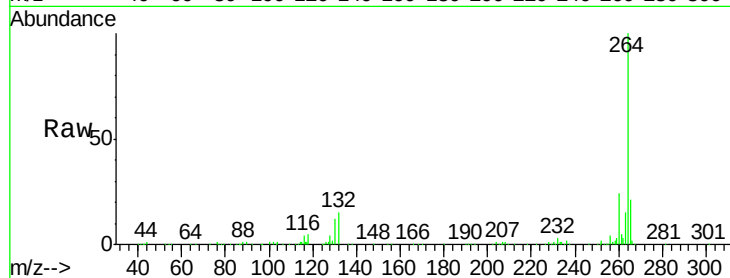


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion: 264 Resp: 315029

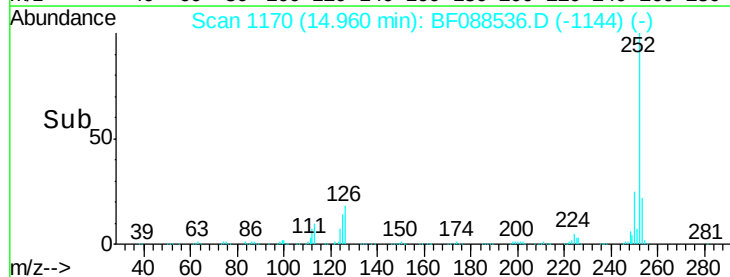
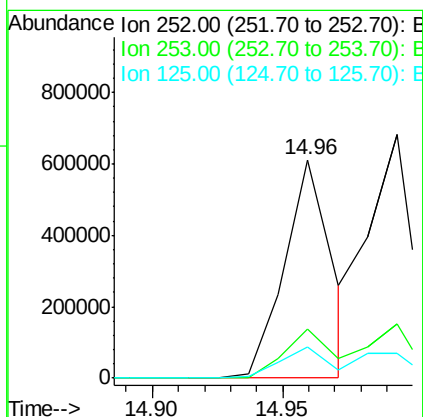
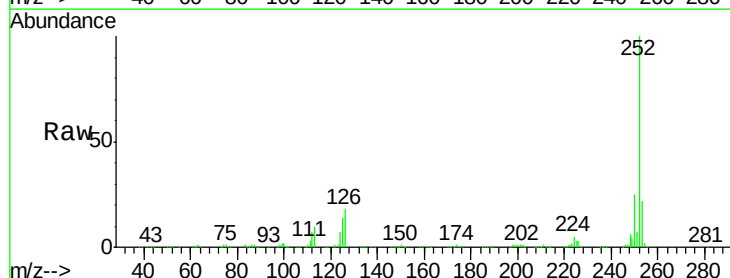
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	16.9	25.3

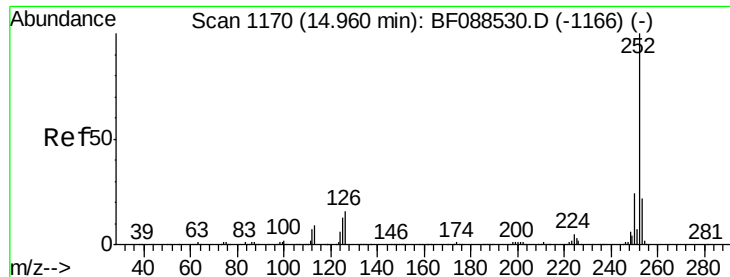


#87
Benzo(b)fluoranthene
Concen: 38.73 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 252 Resp: 765371

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	14.0	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 44.49 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

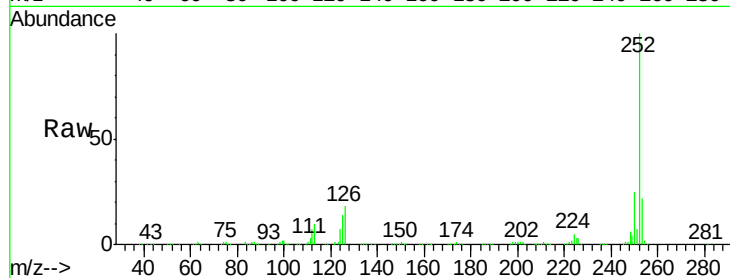
Tgt Ion:252 Resp: 765371

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

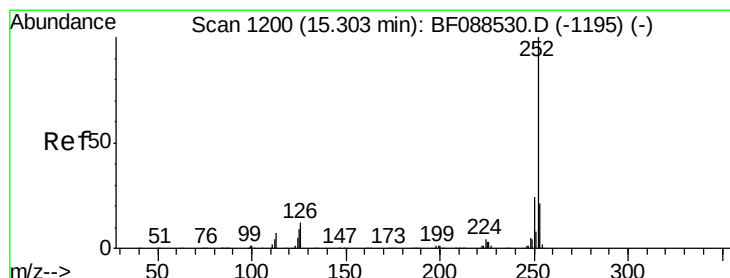
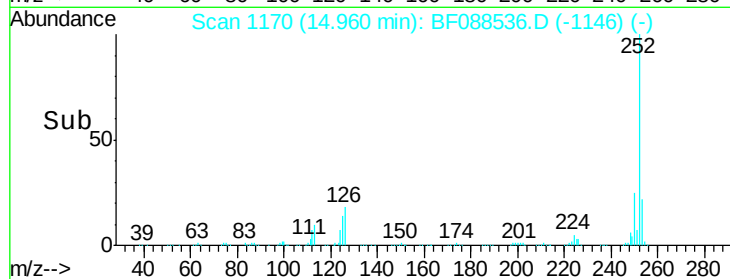
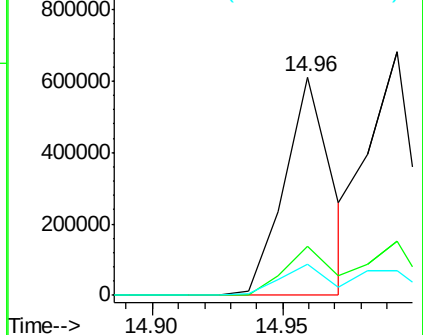
125 14.0 11.2 16.8



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: 43.73 ng

RT: 15.30 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

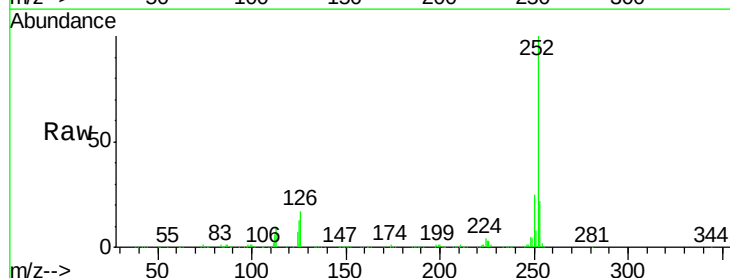
Tgt Ion:252 Resp: 731664

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

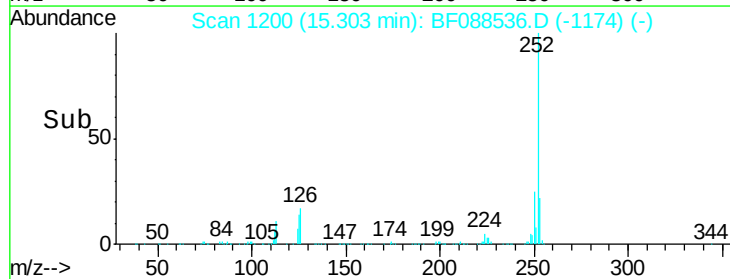
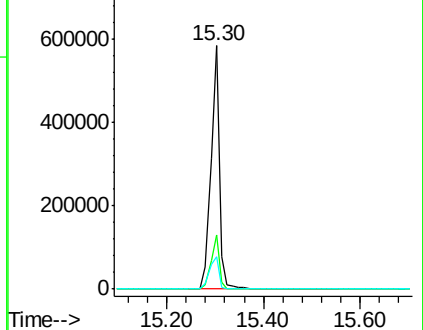
125 13.5 12.5 18.7

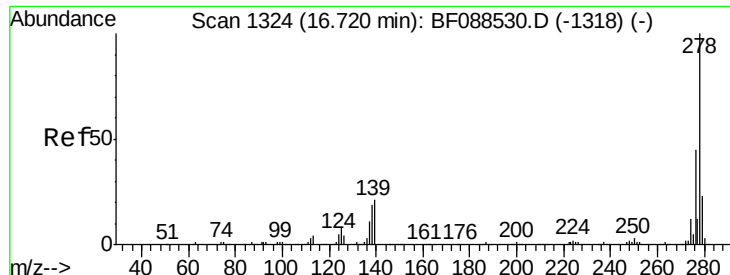


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.71 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

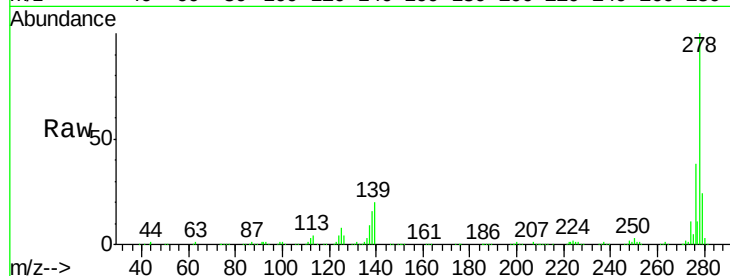
Tgt Ion: 278 Resp: 638646

Ion Ratio Lower Upper

278 100

139 19.9 15.7 23.5

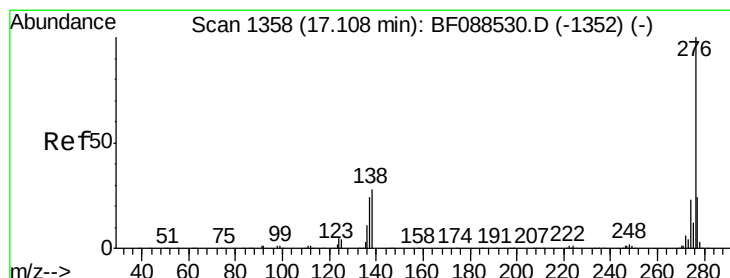
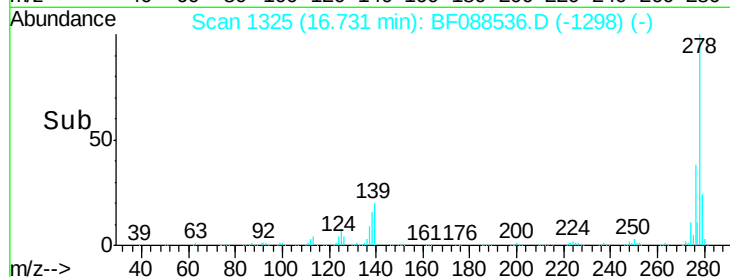
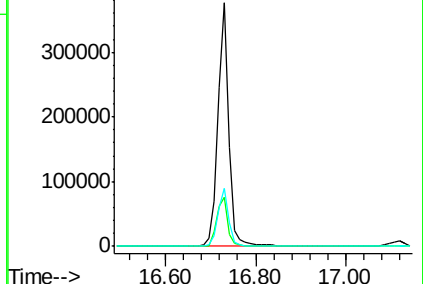
279 24.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.02 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

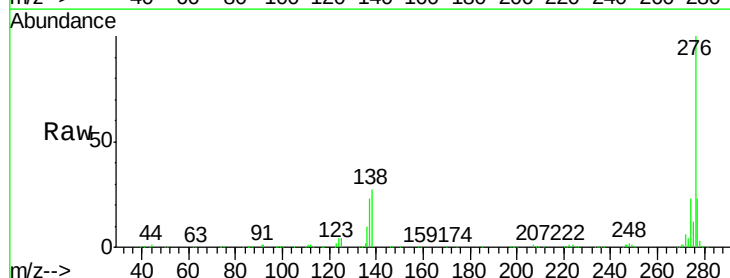
Tgt Ion: 276 Resp: 679837

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 27.0 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

