

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088779.D
 Acq On : 7 Jul 2016 14:45
 Operator : UM/SJ
 Sample : PB91848BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Quant Time: Jul 08 01:38:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105239	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	423300	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	208461	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	379864	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	275218	20.00	ng	-0.03
86) Perylene-d12	15.27	264	255161	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	728729	103.78	ng	-0.02
7) Phenol-d6	6.39	99	967731	106.66	ng	-0.02
23) Nitrobenzene-d5	7.31	82	681984	84.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	244338	126.22	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	1039154	78.74	ng	-0.03
78) Terphenyl-d14	12.85	244	1033864	83.67	ng	-0.02

Target Compounds				Qvalue		
3) Pyridine	3.03	79	276469	27.37	ng	90
4) n-Nitrosodimethylamine	2.99	42	126057	32.66	ng	86
6) Aniline	6.41	93	346532	26.21	ng	# 90
8) 2-Chlorophenol	6.52	128	286733	37.99	ng	94
9) Benzaldehyde	6.28	77	206392	33.58	ng	88
10) Phenol	6.40	94	298355	28.81	ng	# 47
11) bis(2-Chloroethyl)ether	6.49	93	306207	39.65	ng	# 80
12) 1,3-Dichlorobenzene	6.68	146	314976	37.93	ng	96
13) 1,4-Dichlorobenzene	6.68	146	314976	38.21	ng	99
14) 1,2-Dichlorobenzene	6.68	146	315031	40.83	ng	95
15) Benzyl Alcohol	6.89	79	258172	38.66	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	336421	30.08	ng	90
17) 2-Methylphenol	7.00	107	252706	41.05	ng	96
18) Hexachloroethane	7.26	117	124461	39.03	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	231239	37.94	ng	# 82
20) 3+4-Methylphenols	7.16	107	304157	41.16	ng	96
22) Acetophenone	7.15	105	433981	42.24	ng	# 90
24) Nitrobenzene	7.32	77	304153	37.35	ng	# 81
25) Isophorone	7.58	82	620417	41.46	ng	98
26) 2-Nitrophenol	7.64	139	156561	46.88	ng	95
27) 2,4-Dimethylphenol	7.69	122	267634	38.48	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	367690	37.76	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	233523	41.54	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	259293	42.03	ng	97
31) Naphthalene	8.04	128	820210	39.30	ng	100
32) Benzoic acid	7.84	122	183591	36.35	ng	94
33) 4-Chloroaniline	8.10	127	225063	24.24	ng	95
34) Hexachlorobutadiene	8.17	225	141686	42.89	ng	98
35) Caprolactam	8.48	113	47120	24.68	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	286095	43.04	ng	92
37) 2-Methylnaphthalene	8.74	142	586393	43.64	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	253645	36.58	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	258746	76.03	ng	98
42) 2,4,6-Trichlorophenol	9.03	196	187228	40.96	ng	99

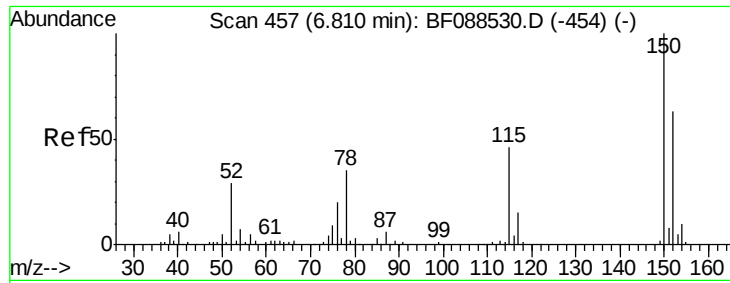
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	172597	43.88	ng	# 86
45) 1,1'-Biphenyl	9.21	154	737493	42.72	ng	97
46) 2-Chloronaphthalene	9.23	162	558788	41.23	ng	97
47) 2-Nitroaniline	9.32	65	167332	34.79	ng	97
48) Acenaphthylene	9.64	152	878461	40.74	ng	99
49) Dimethylphthalate	9.52	163	654881	44.10	ng	99
50) 2,6-Dinitrotoluene	9.58	165	163305	49.61	ng	# 86
51) Acenaphthene	9.82	154	548639	41.51	ng	98
52) 3-Nitroaniline	9.74	138	97427	23.28	ng	89
53) 2,4-Dinitrophenol	9.85	184	170176	117.09	ng	91
54) Dibenzofuran	9.99	168	727210	42.04	ng	# 87
55) 4-Nitrophenol	9.91	139	258701	81.36	ng	91
56) 2,4-Dinitrotoluene	9.98	165	173991	40.43	ng	# 47
57) Fluorene	10.33	166	621954	46.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	137855	45.30	ng	# 49
59) Diethylphthalate	10.22	149	645813	43.33	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	236919	38.25	ng	# 88
61) 4-Nitroaniline	10.35	138	141726	35.20	ng	80
62) Azobenzene	10.48	77	711040	41.82	ng	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	113346	55.79	ng	# 63
65) n-Nitrosodiphenylamine	10.44	169	509565	39.64	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	166430	43.48	ng	# 84
67) Hexachlorobenzene	10.88	284	188008	44.37	ng	# 72
68) Atrazine	10.98	200	183285	45.75	ng	99
69) Pentachlorophenol	11.07	266	220617	87.97	ng	99
70) Phenanthrene	11.28	178	845317	40.71	ng	100
71) Anthracene	11.34	178	877763	42.51	ng	99
72) Carbazole	11.49	167	796487	40.99	ng	99
73) Di-n-butylphthalate	11.83	149	953279	42.17	ng	99
74) Fluoranthene	12.47	202	953402	45.29	ng	96
76) Benzidine	12.59	184	545727	39.23	ng	97
77) Pyrene	12.70	202	941501	40.35	ng	98
79) Butylbenzylphthalate	13.33	149	465374	44.71	ng	99
80) Benzo(a)anthracene	13.87	228	751549	42.41	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	170271	25.56	ng	# 96
82) Chrysene	13.92	228	765137	43.64	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	579571	48.77	ng	# 100
84) Di-n-octyl phthalate	14.49	149	942680	46.69	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	624162	46.27	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1381136	86.29	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	1381329	99.13	ng	97
89) Benzo(a)pyrene	15.21	252	649186	47.90	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	520337	45.98	ng	96
91) Benzo(g,h,i)perylene	16.98	276	502858	42.94	ng	96

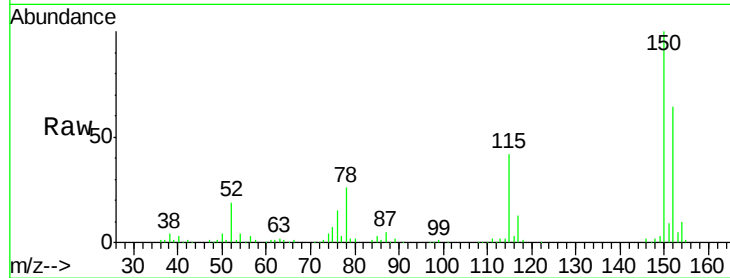
(#) = qualifier out of range (m) = manual integration (+) = signals summed



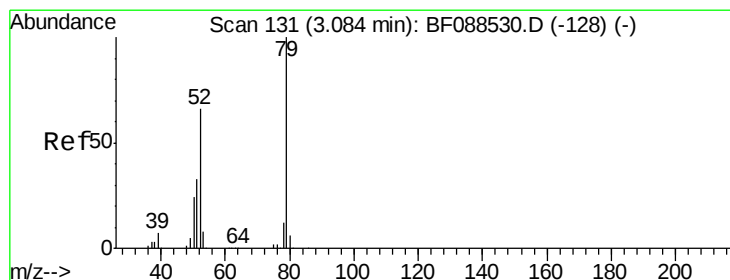
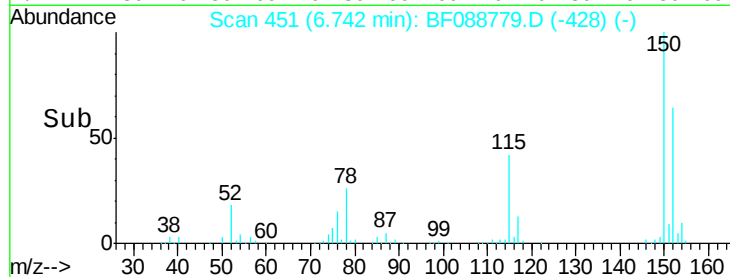
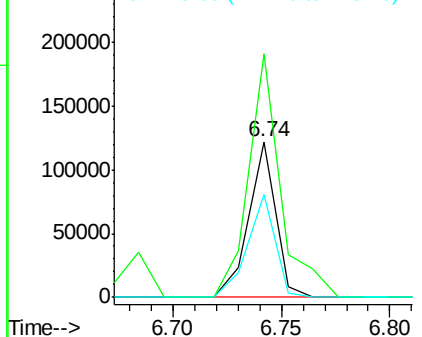
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion:152 Resp: 105239
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.8 185.6
 115 65.7 39.6 59.4#

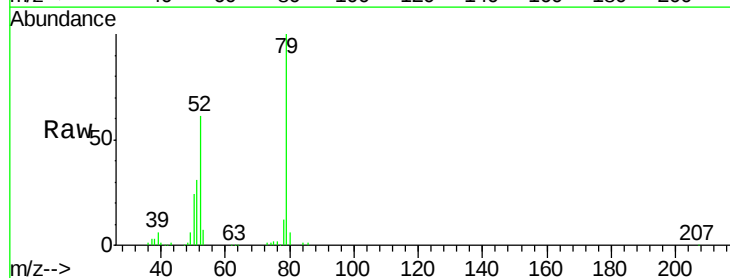


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

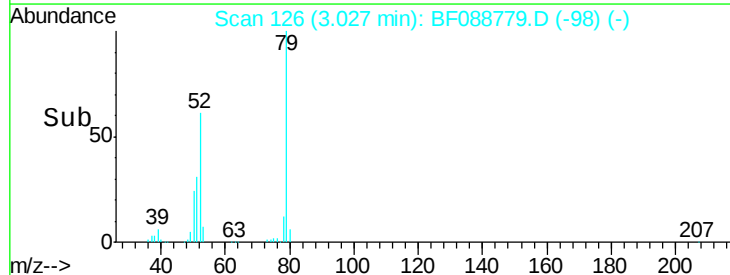
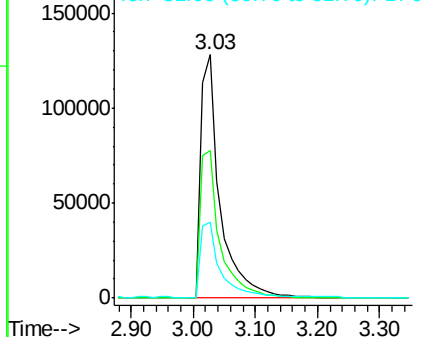


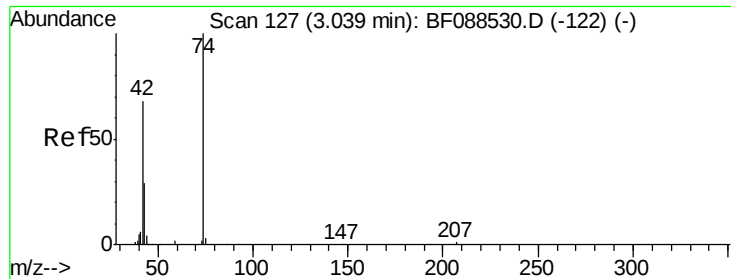
#3
 Pyridine
 Concen: 27.37 ng
 RT: 3.03 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion: 79 Resp: 276469
 Ion Ratio Lower Upper
 79 100
 52 60.9 56.3 84.5
 51 31.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0



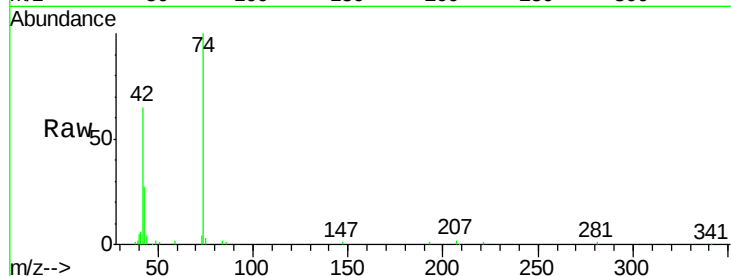


#4

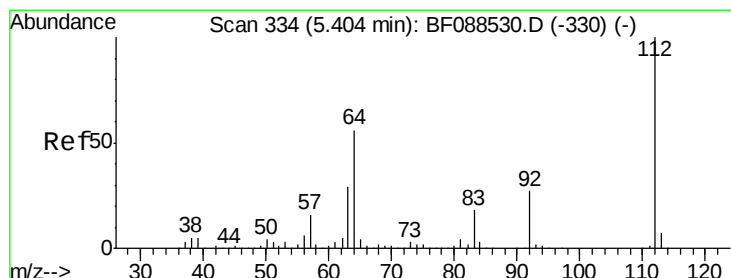
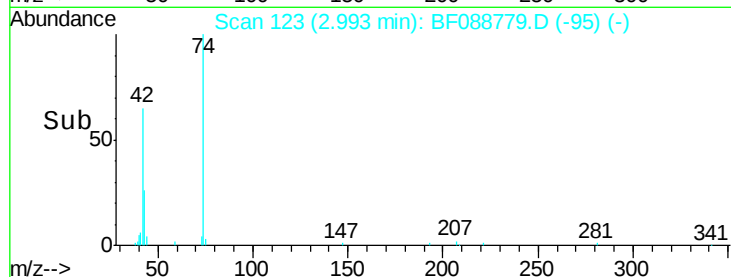
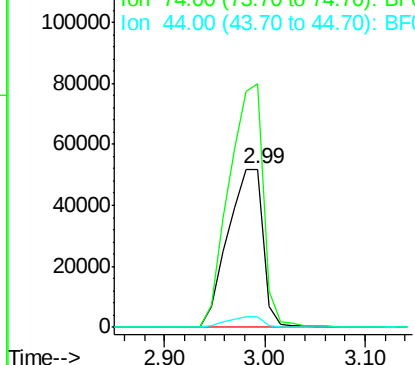
n-Nitrosodimethylamine
 Concen: 32.66 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion: 42 Resp: 126057
 Ion Ratio Lower Upper
 42 100
 74 153.6 108.6 163.0
 44 6.4 5.5 8.3



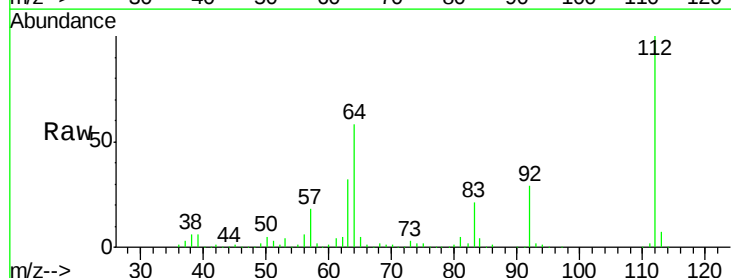
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



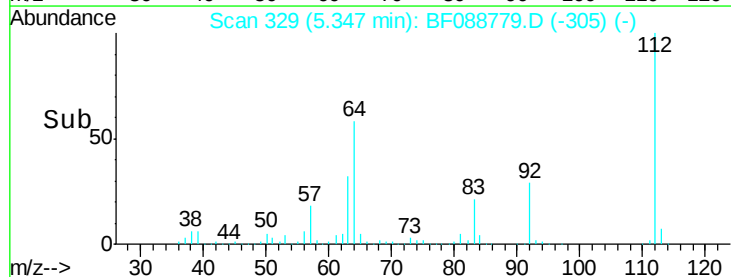
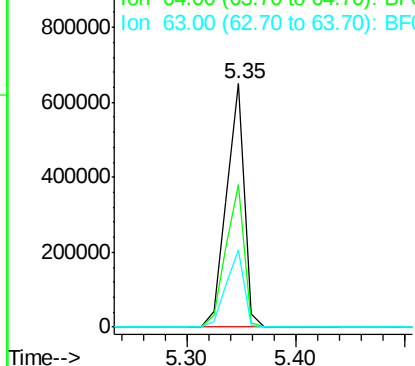
#5

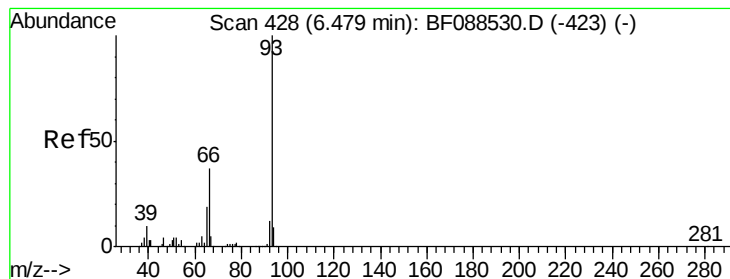
2-Fluorophenol
 Concen: 103.78 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion: 112 Resp: 728729
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.2 63.2
 63 31.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 26.21 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

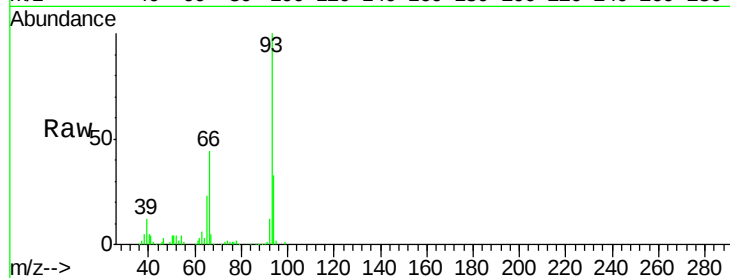
Tgt Ion: 93 Resp: 346532

Ion Ratio Lower Upper

93 100

66 43.6 29.8 44.8

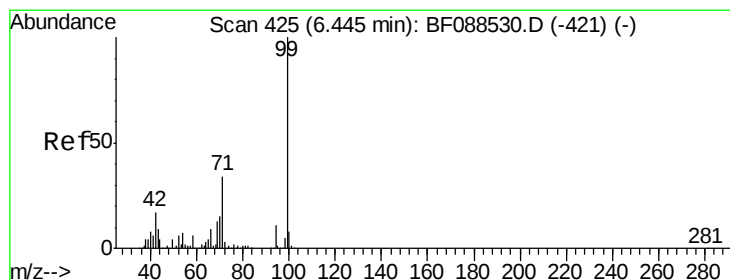
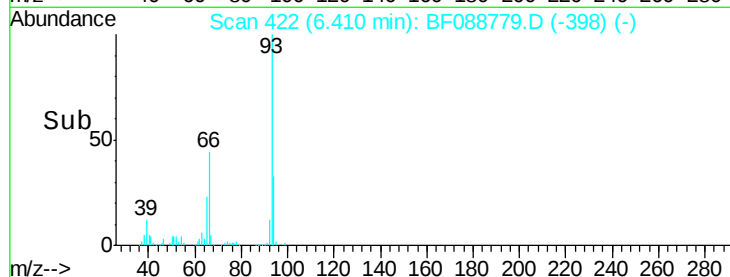
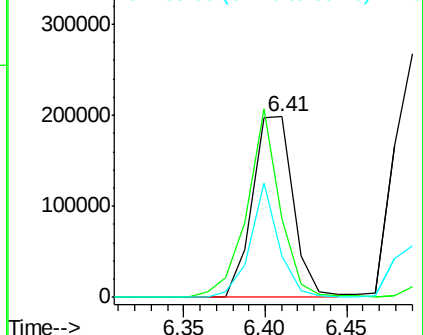
65 23.2 14.9 22.3#



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: 106.66 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

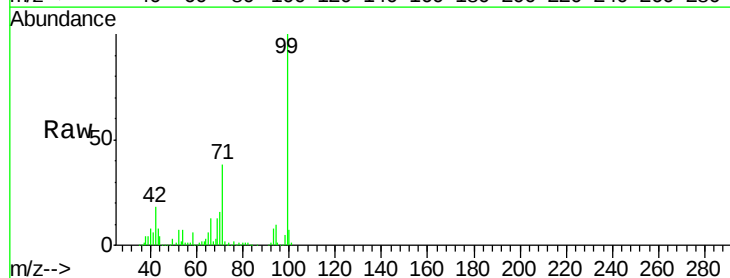
Tgt Ion: 99 Resp: 967731

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

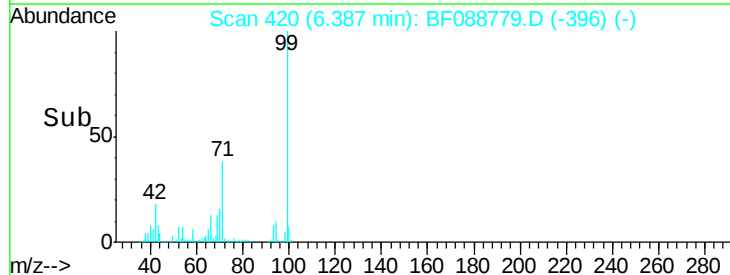
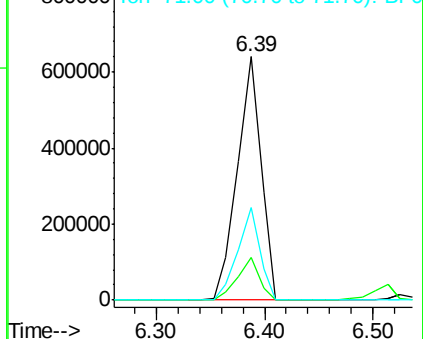
71 38.2 23.4 35.0#

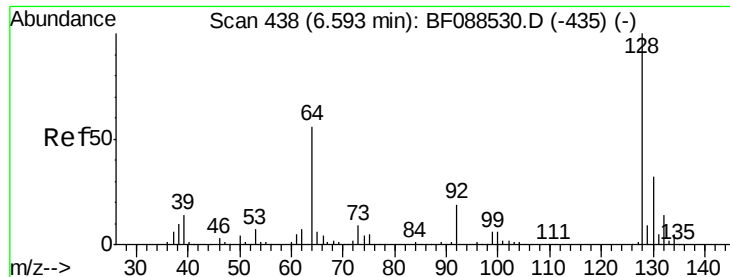


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.99 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

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PB91848BS

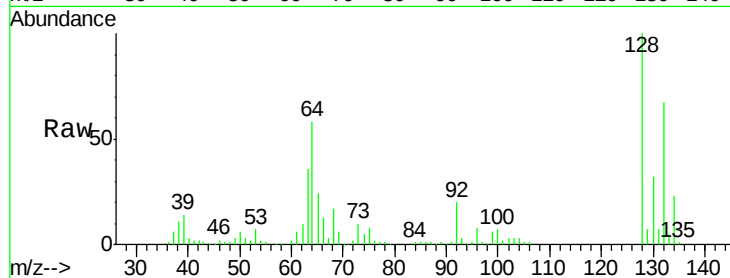
Tgt Ion:128 Resp: 286733

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

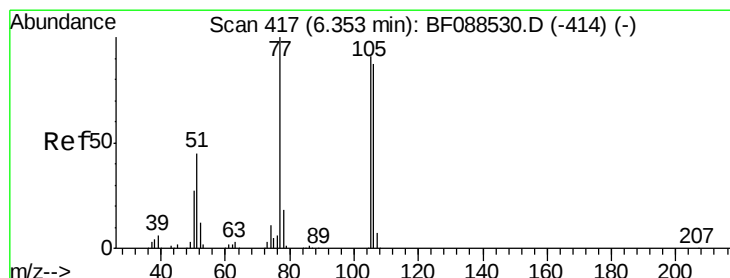
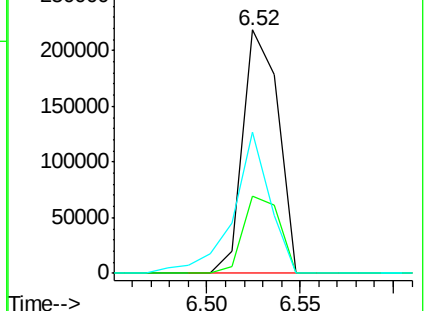
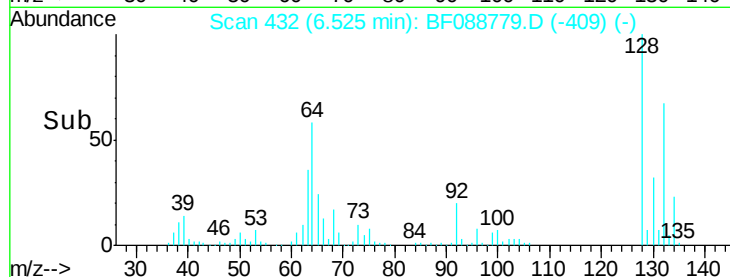
64 58.0 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 33.58 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

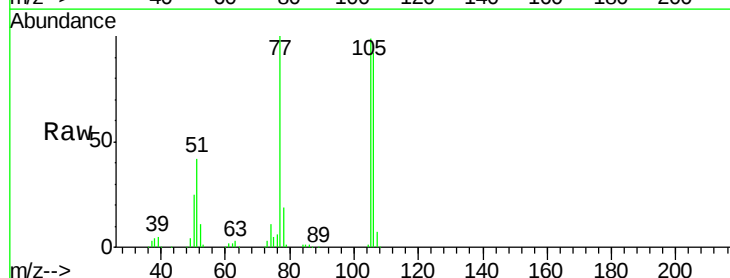
Tgt Ion: 77 Resp: 206392

Ion Ratio Lower Upper

77 100

105 98.9 90.6 130.6

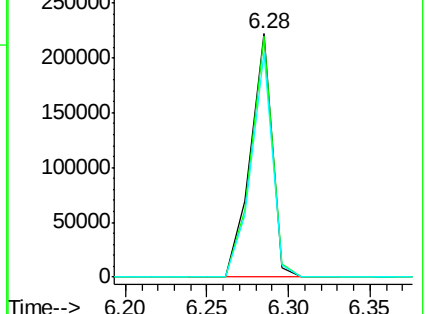
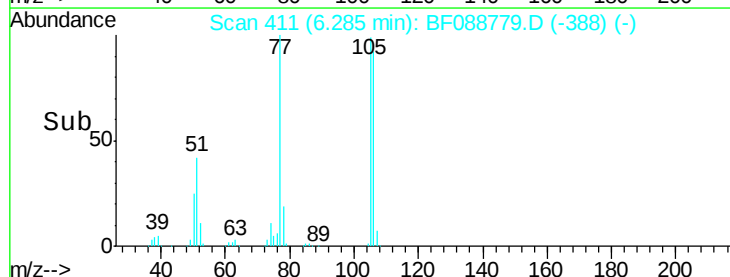
106 92.1 85.3 125.3

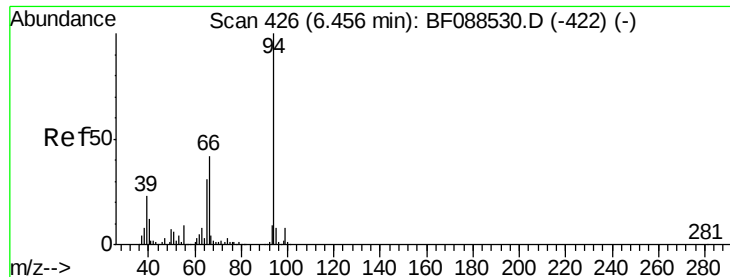


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 28.81 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

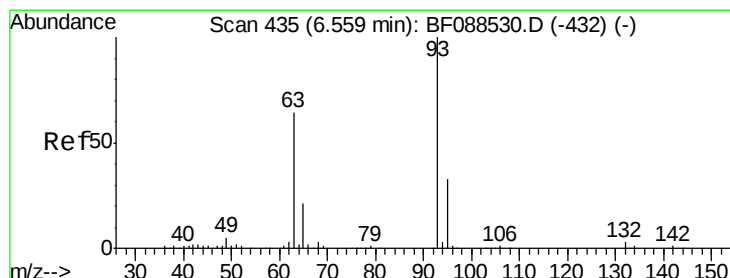
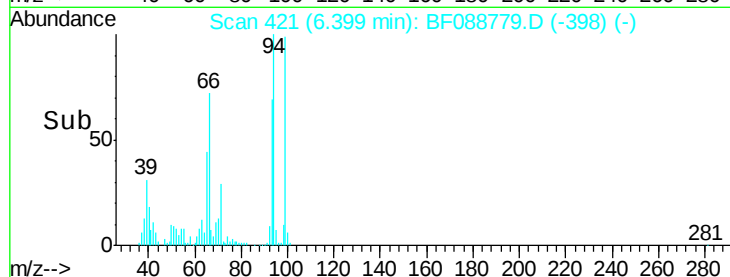
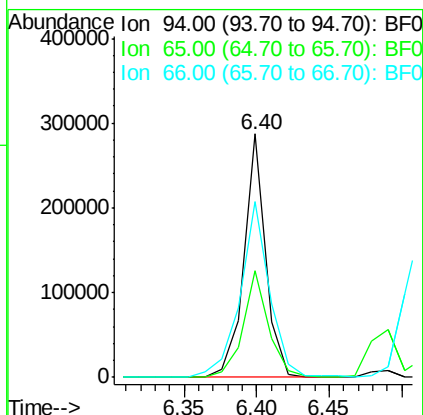
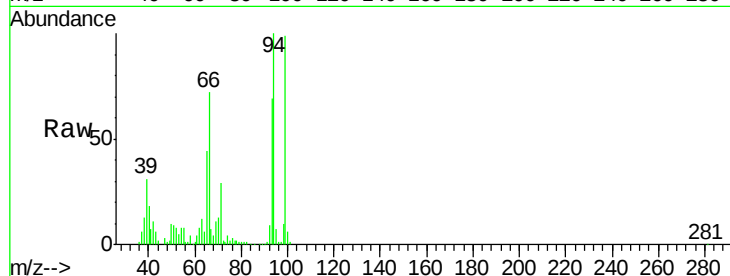
Tgt Ion: 94 Resp: 298355

Ion Ratio Lower Upper

94 100

65 43.6 5.9 45.9

66 72.1 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 39.65 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

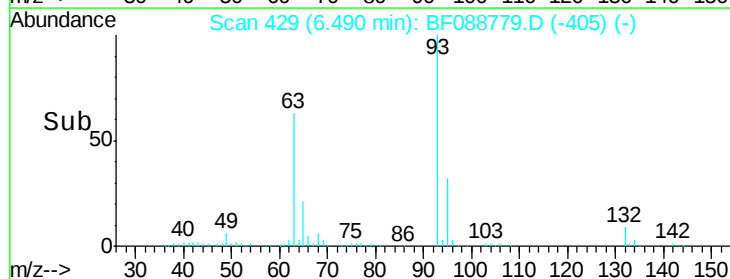
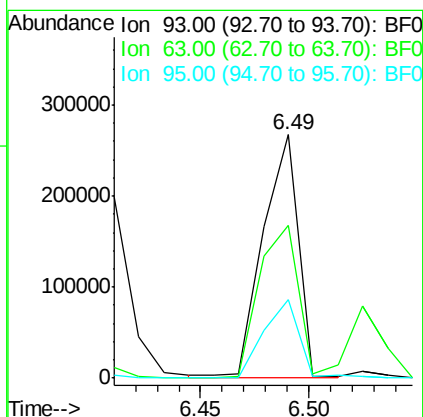
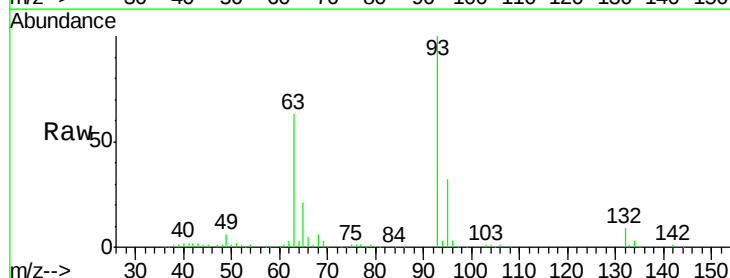
Tgt Ion: 93 Resp: 306207

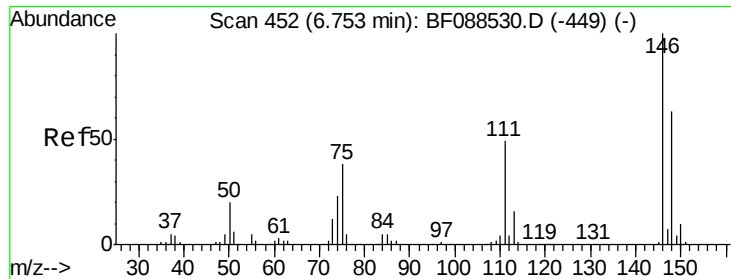
Ion Ratio Lower Upper

93 100

63 62.7 67.6 107.6#

95 32.5 12.5 52.5

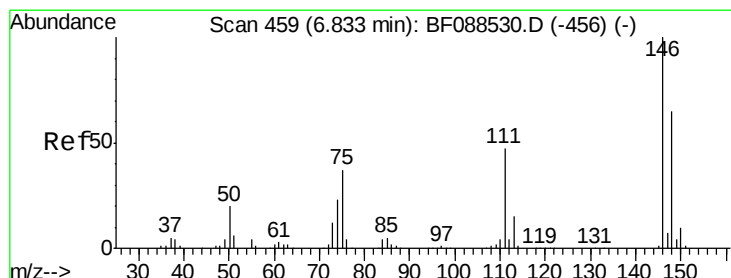
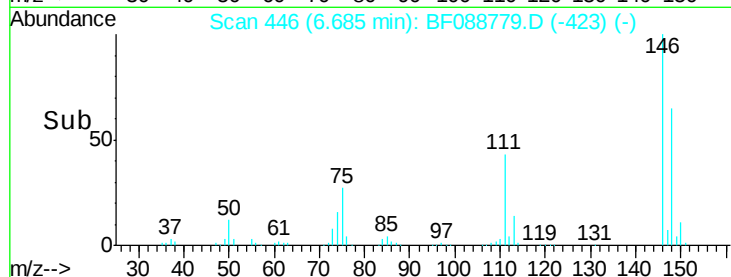
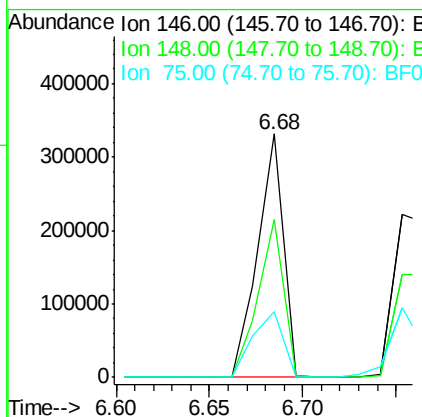
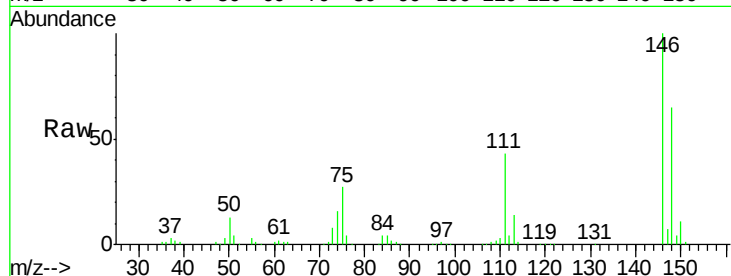




#12
 1,3-Dichlorobenzene
 Concen: 37.93 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

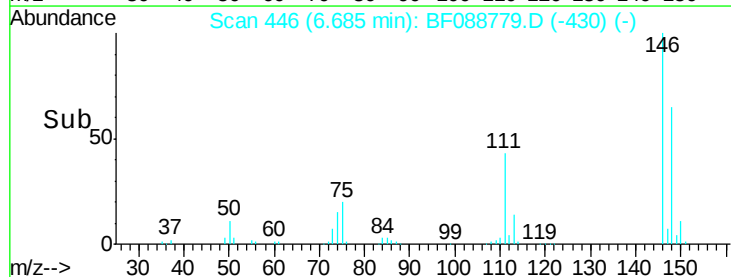
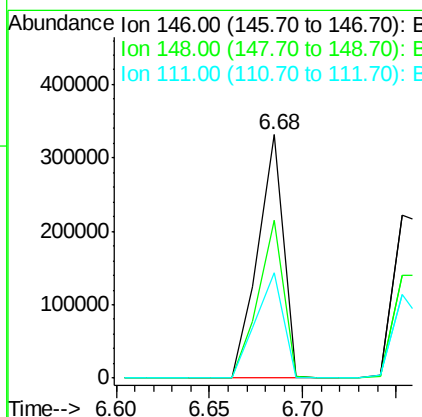
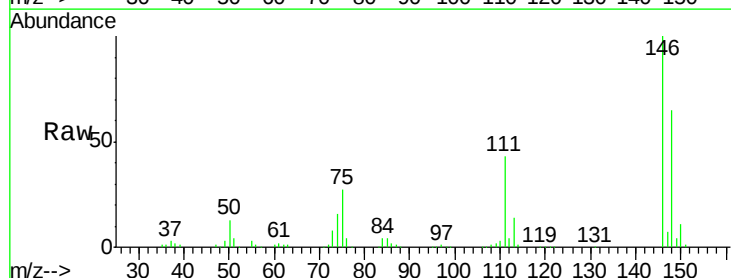
Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

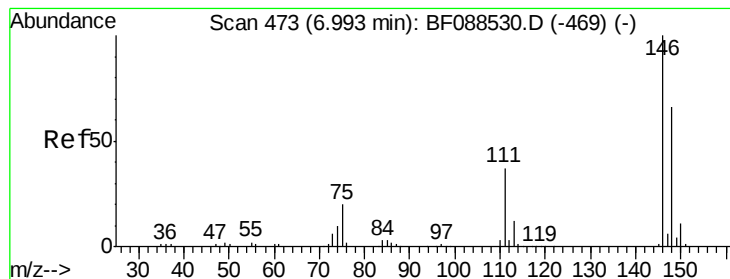
Tgt Ion:146 Resp: 314976
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 75 27.2 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 38.21 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.11 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:146 Resp: 314976
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 43.0 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 40.83 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.26 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

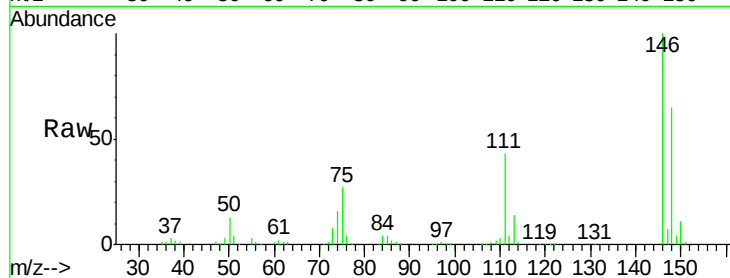
Tgt Ion:146 Resp: 315031

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

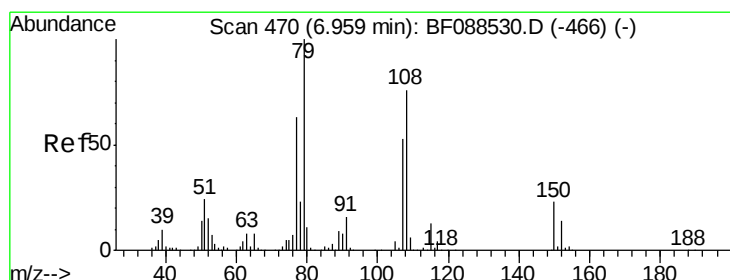
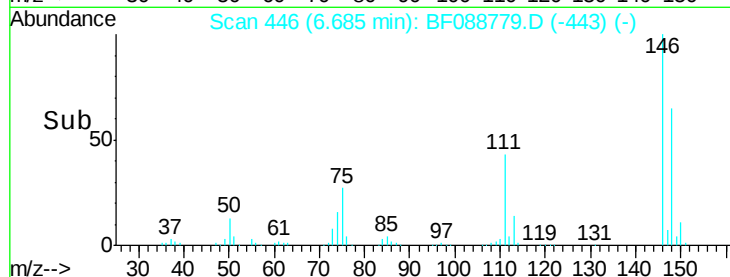
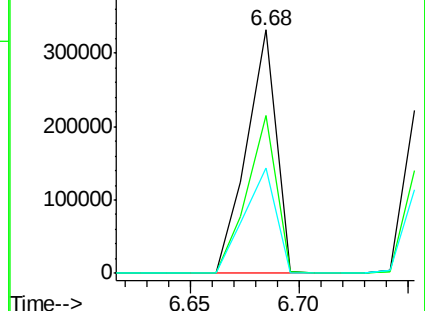
111 43.0 28.7 43.1



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: 38.66 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

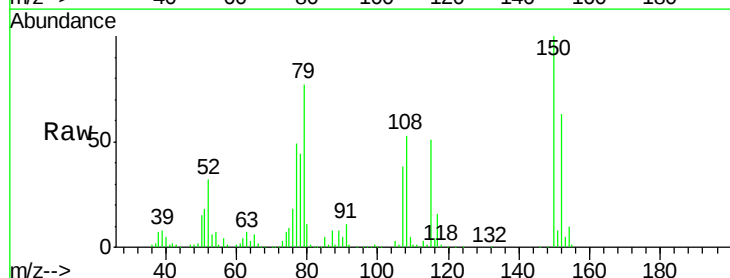
Tgt Ion: 79 Resp: 258172

Ion Ratio Lower Upper

79 100

108 69.3 65.0 97.6

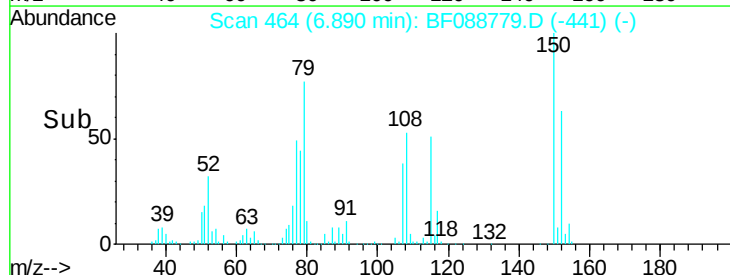
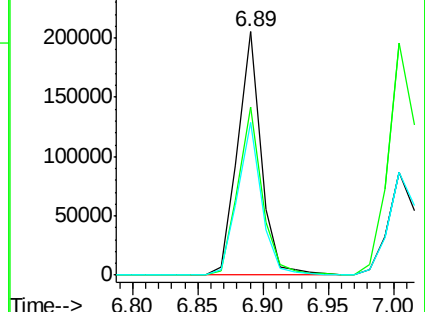
77 62.9 50.3 75.5

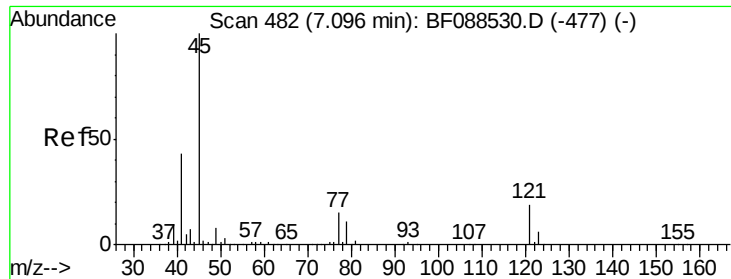


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

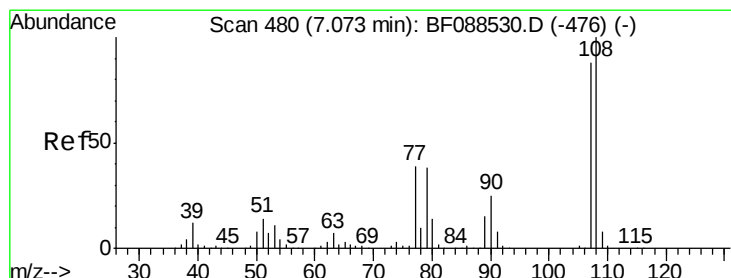
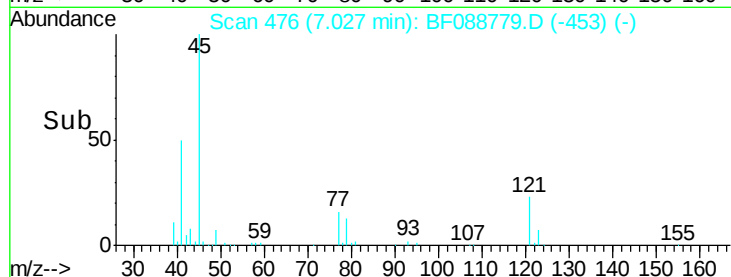
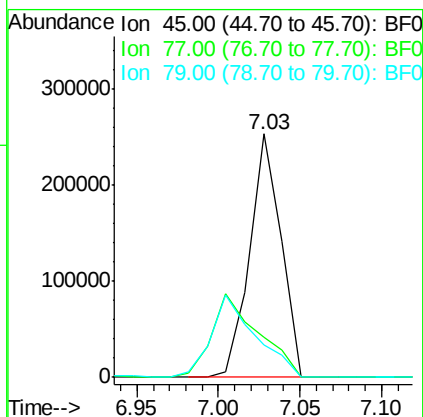
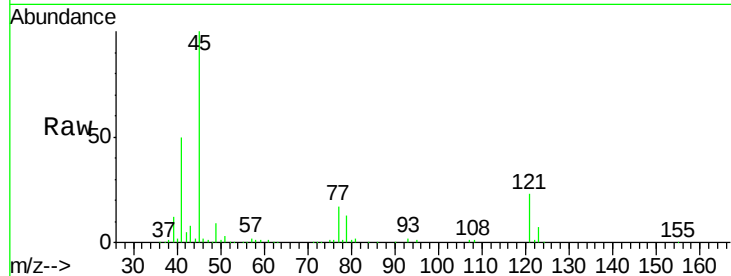




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.08 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

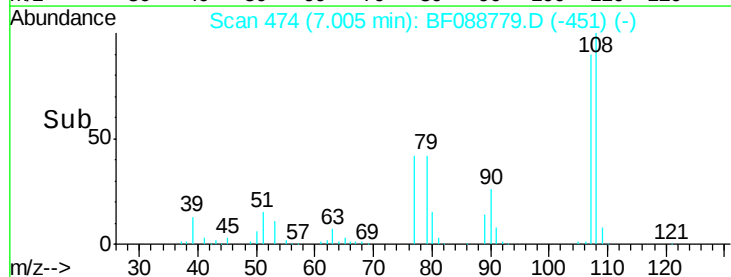
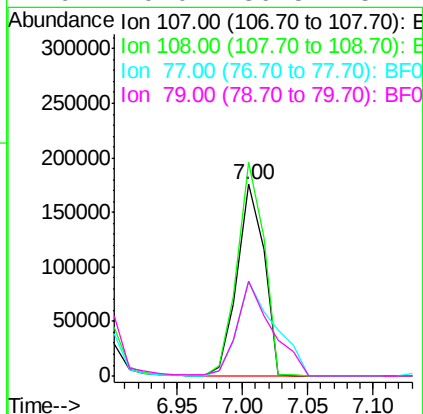
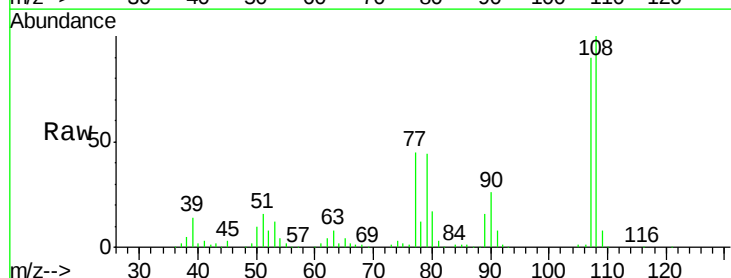
Instrument :
BNA_F
ClientSampleId :
PB91848BS

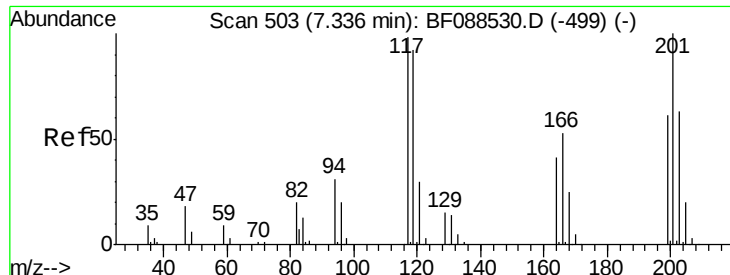
Tgt Ion: 45 Resp: 336421
Ion Ratio Lower Upper
45 100
77 16.6 0.0 32.5
79 13.1 0.0 29.5



#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion: 107 Resp: 252706
Ion Ratio Lower Upper
107 100
108 111.3 90.9 136.3
77 49.5 36.6 55.0
79 49.0 36.5 54.7

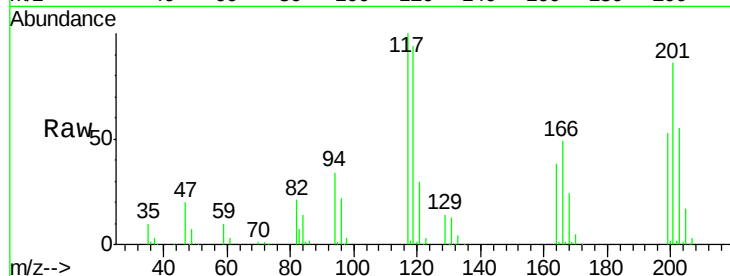




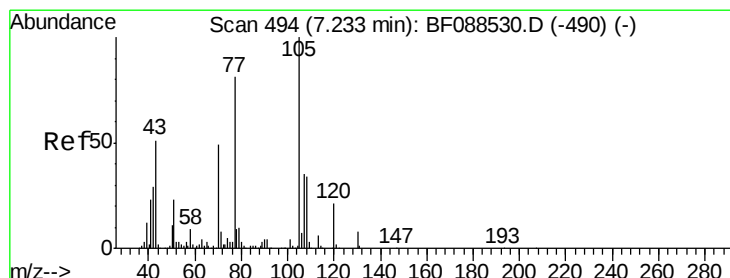
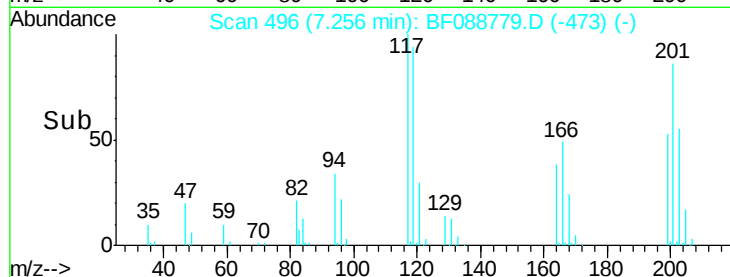
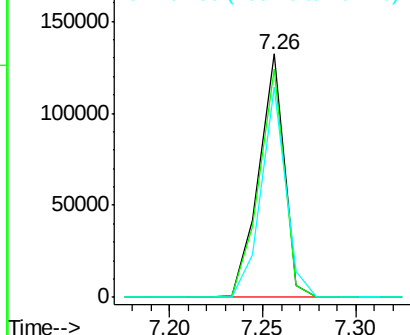
#18
Hexachloroethane
Concen: 39.03 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion: 117 Resp: 124461
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2
201 86.3 80.4 120.6

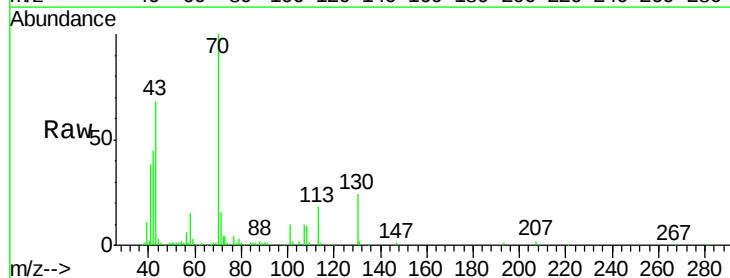


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

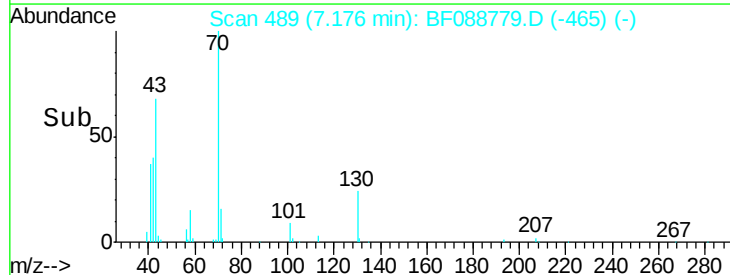
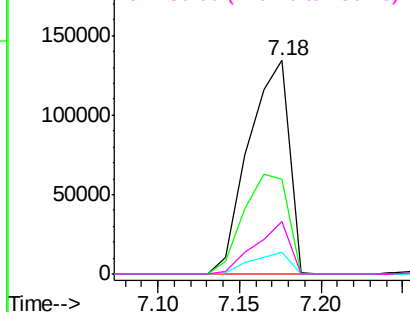


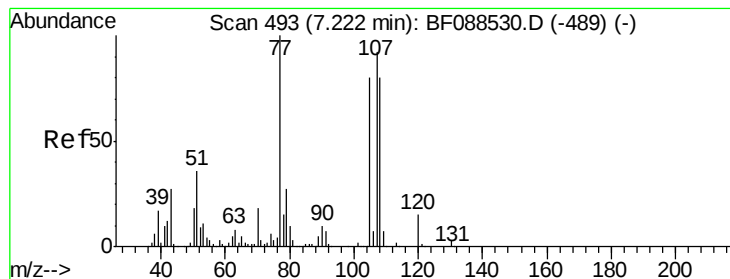
#19
n-Nitroso-di-n-propylamine
Concen: 37.94 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion: 70 Resp: 231239
Ion Ratio Lower Upper
70 100
42 44.5 49.6 74.4#
101 10.4 7.1 10.7
130 24.3 15.4 23.2#



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





#20

3+4-Methylphenols

Concen: 41.16 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tgt Ion:107 Resp: 304157

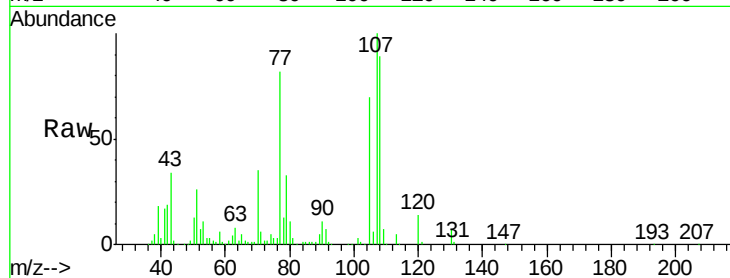
Ion Ratio Lower Upper

107 100

108 89.4 67.8 107.8

77 82.4 59.3 99.3

79 33.0 7.0 47.0

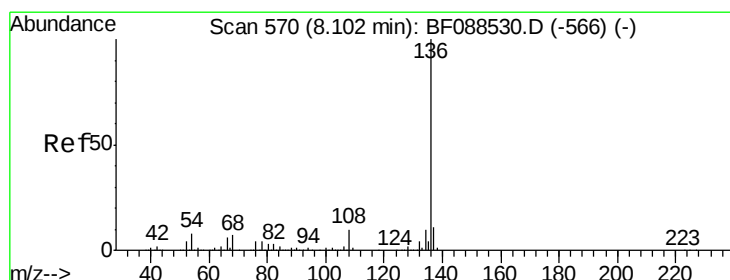
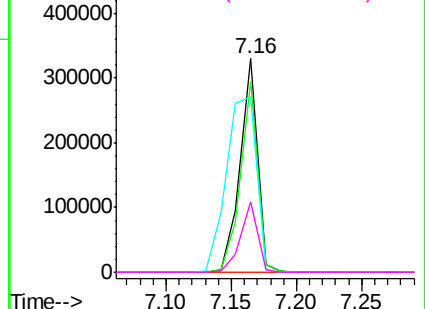
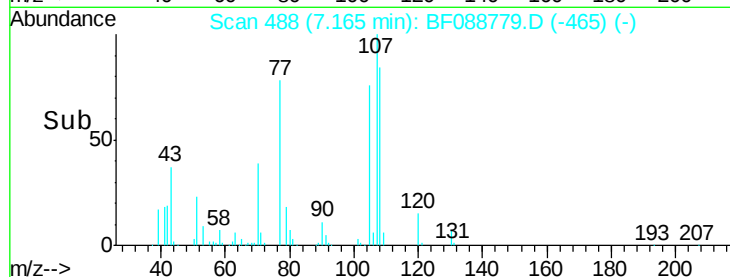


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Tgt Ion:136 Resp: 423300

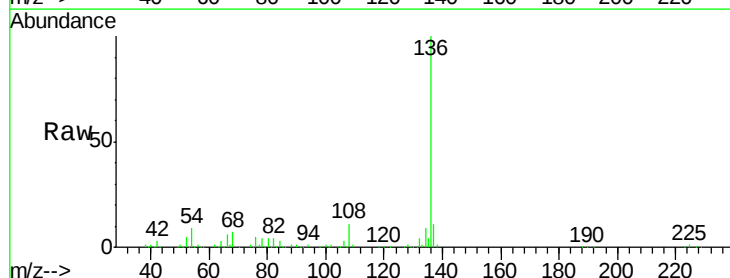
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.8 6.6 10.0

68 6.8 5.1 7.7

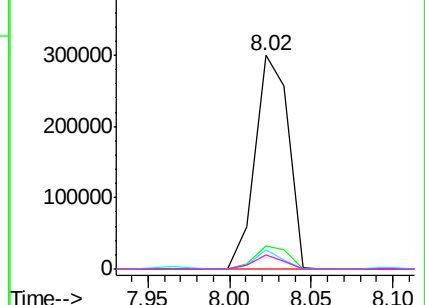
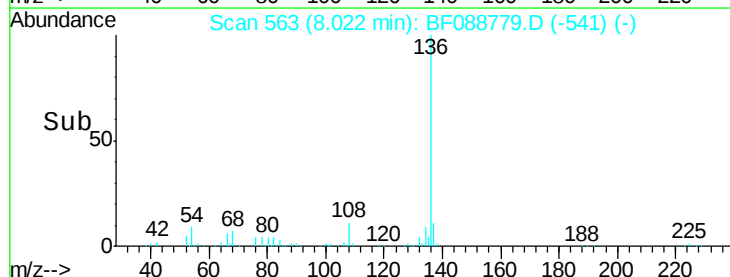


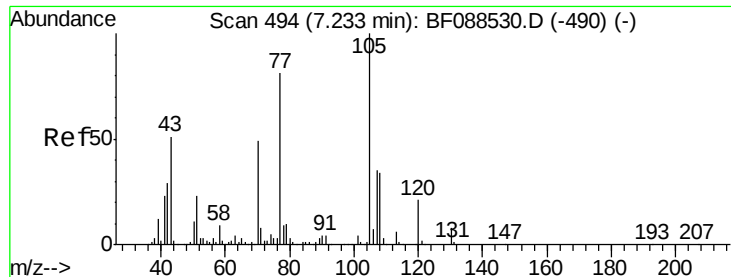
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 42.24 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tgt Ion:105 Resp: 433981

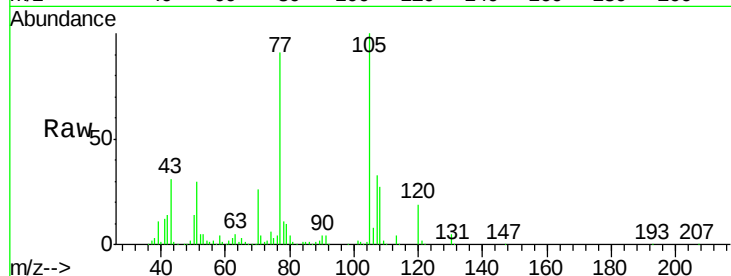
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 29.9 18.2 27.4#

120 19.5 18.0 27.0

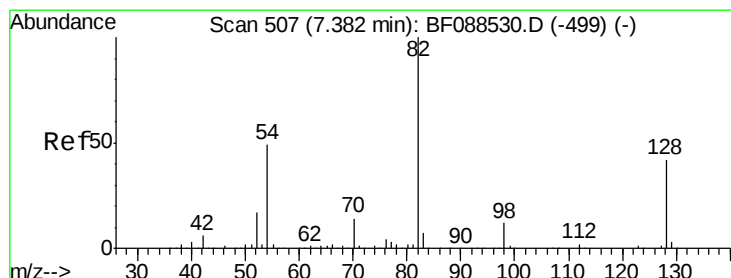
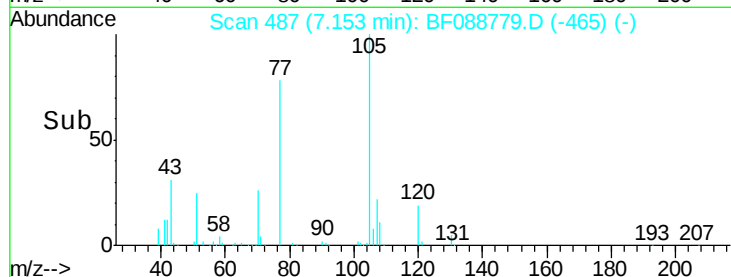
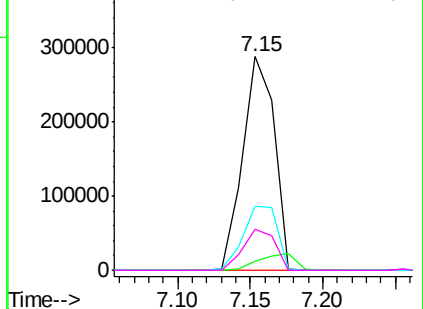


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 84.43 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

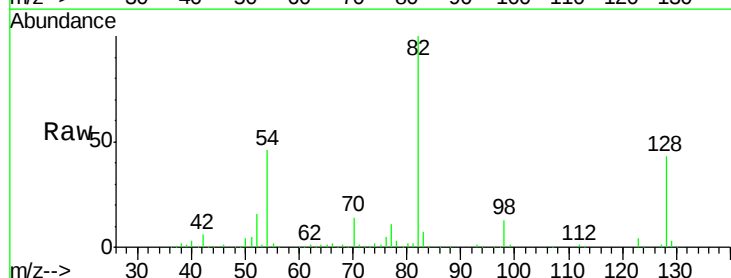
Tgt Ion: 82 Resp: 681984

Ion Ratio Lower Upper

82 100

128 42.8 35.9 53.9

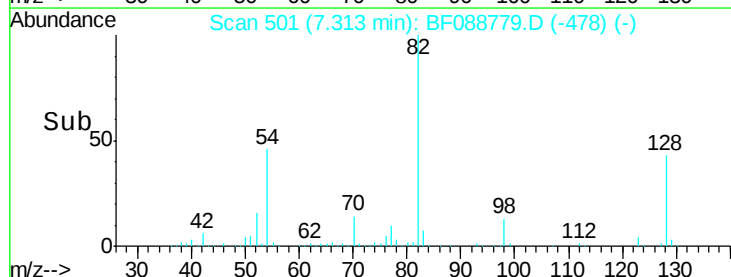
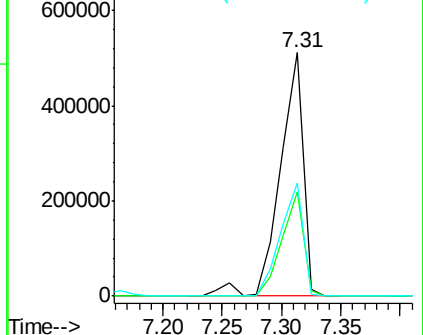
54 46.3 40.9 61.3

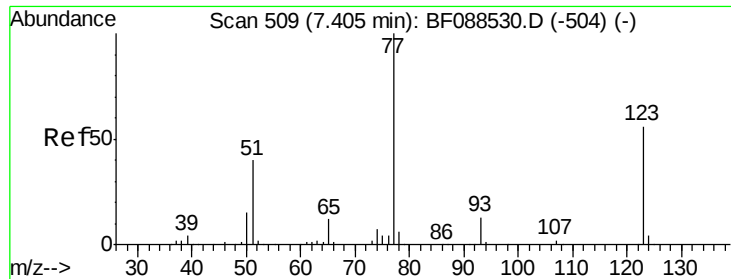


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.35 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

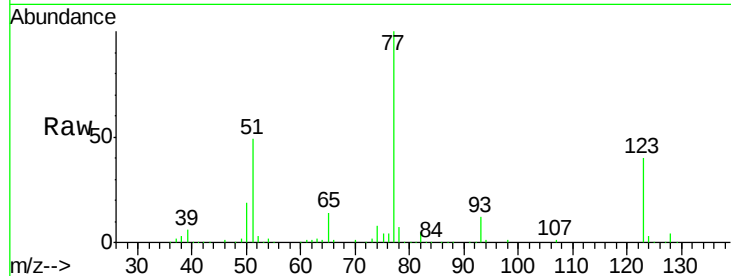
Tgt Ion: 77 Resp: 304153

Ion Ratio Lower Upper

77 100

123 39.7 45.0 67.4#

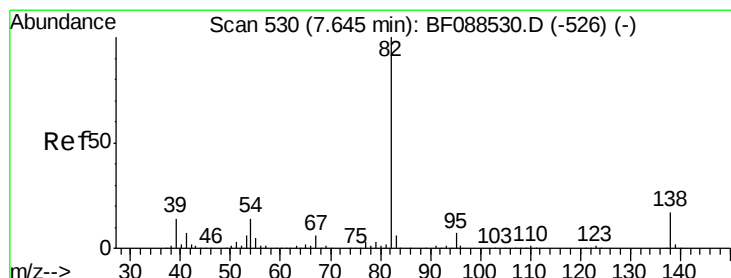
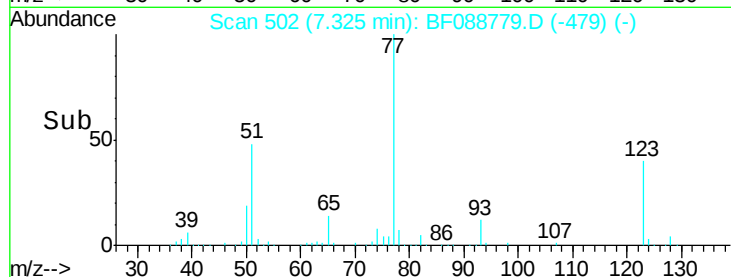
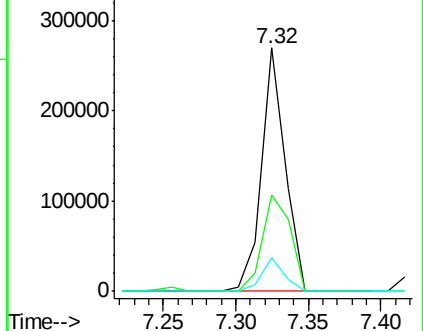
65 13.6 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.46 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

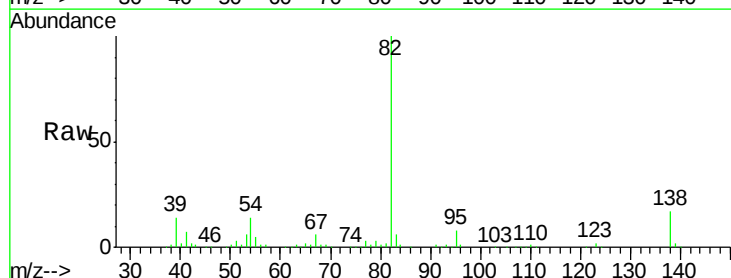
Tgt Ion: 82 Resp: 620417

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

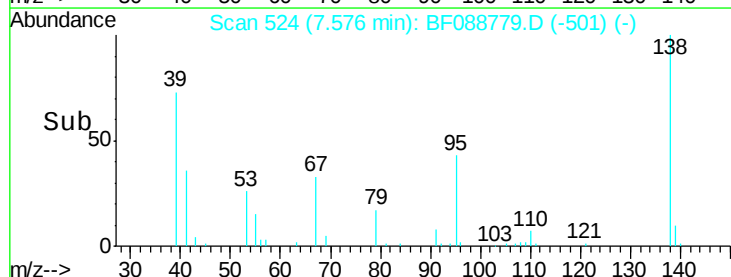
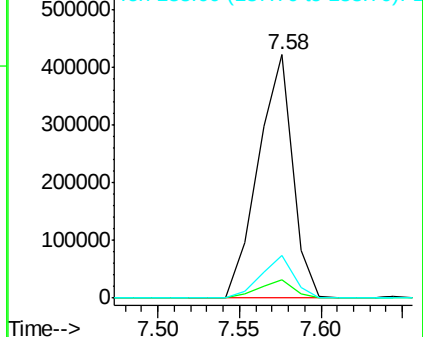
138 17.4 14.6 21.8

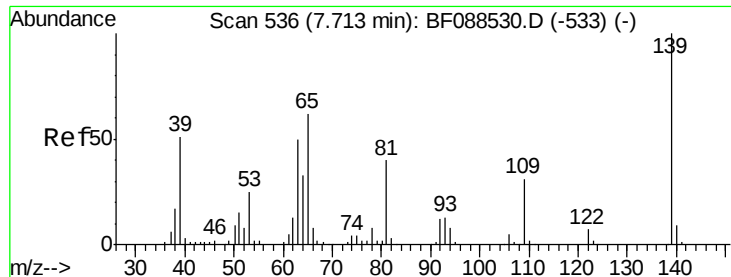


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

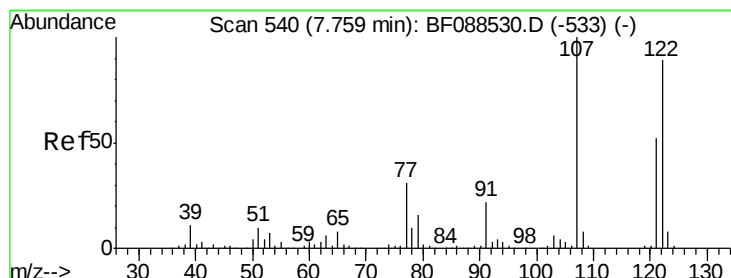
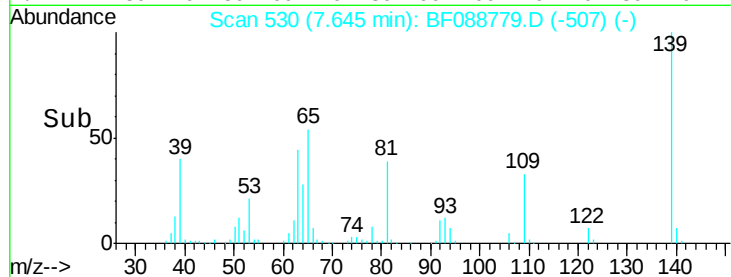
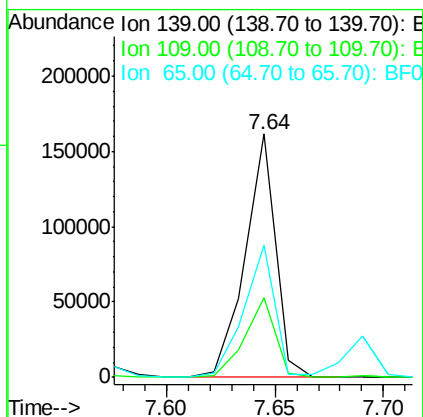
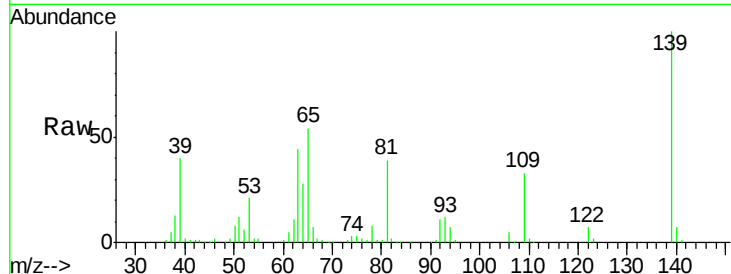




#26
 2-Nitrophenol
 Concen: 46.88 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

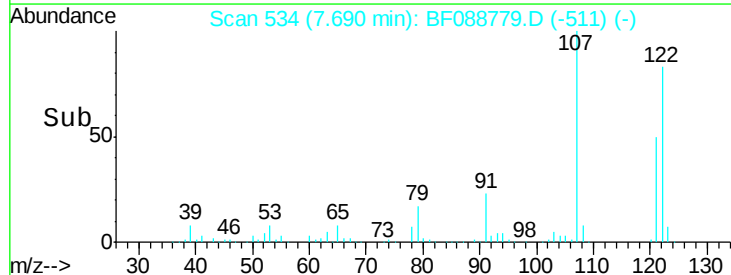
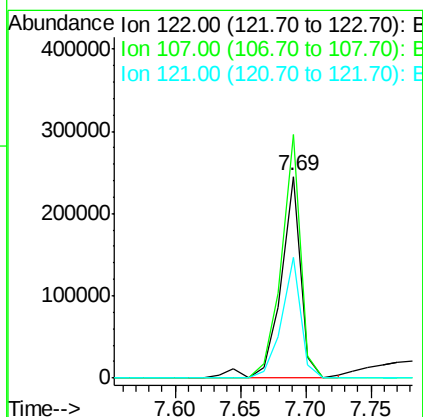
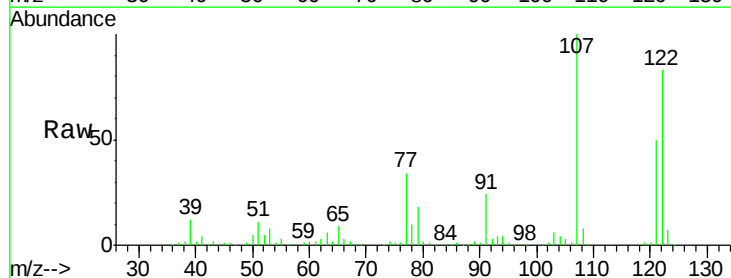
Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

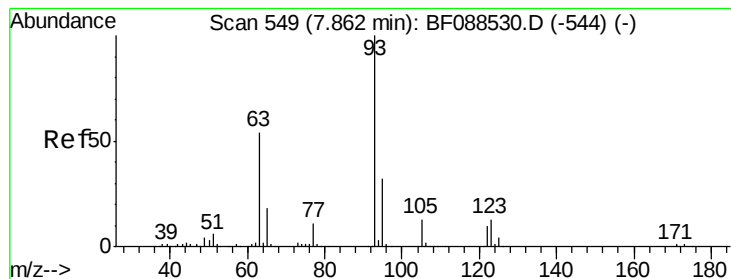
Tgt Ion:139 Resp: 156561
 Ion Ratio Lower Upper
 139 100
 109 32.5 23.0 34.4
 65 54.3 45.8 68.8



#27
 2,4-Dimethylphenol
 Concen: 38.48 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:122 Resp: 267634
 Ion Ratio Lower Upper
 122 100
 107 120.6 82.4 123.6
 121 59.7 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 37.76 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

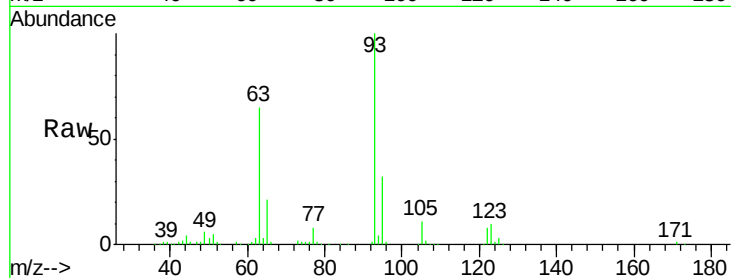
Tgt Ion: 93 Resp: 367690

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

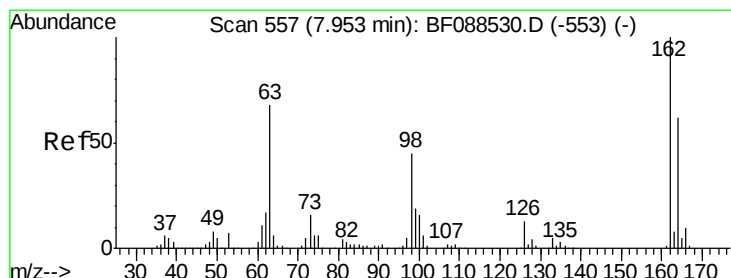
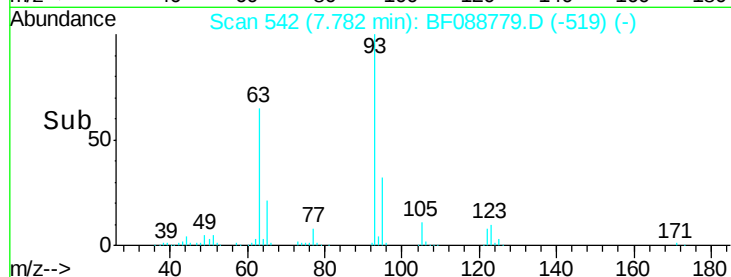
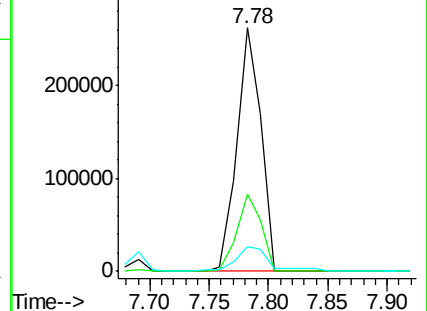
123 10.3 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 41.54 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

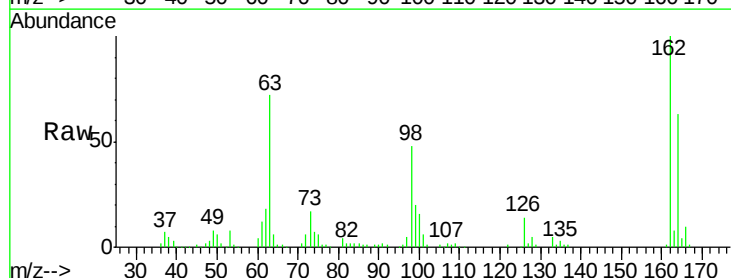
Tgt Ion: 162 Resp: 233523

Ion Ratio Lower Upper

162 100

164 63.1 43.8 83.8

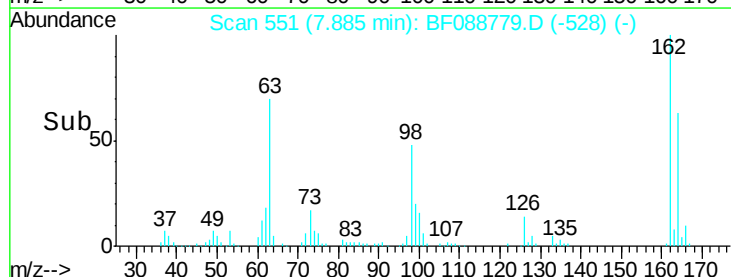
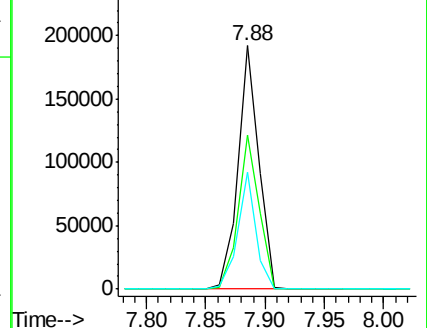
98 47.8 21.3 61.3

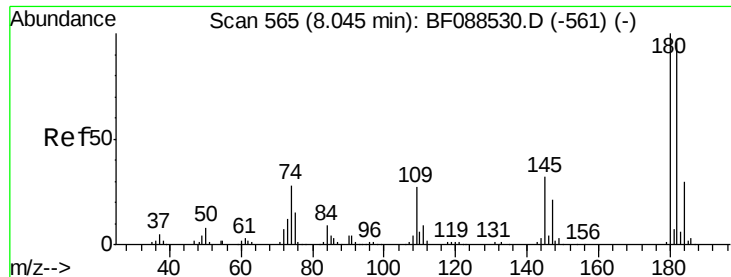


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

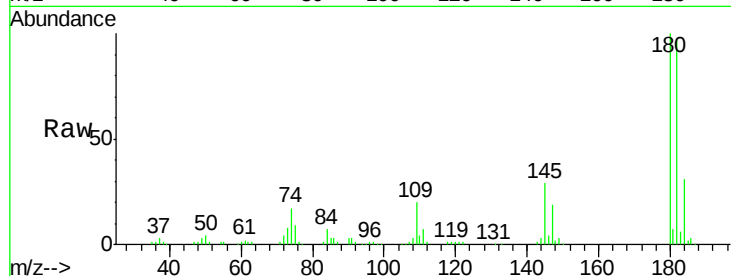




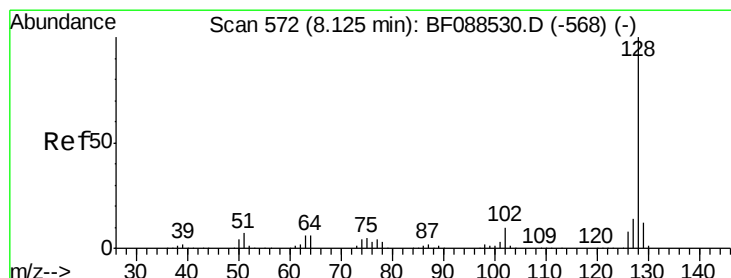
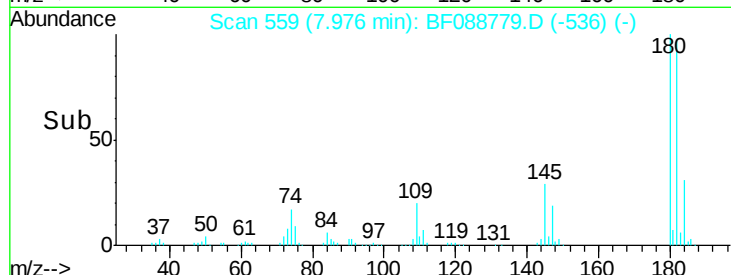
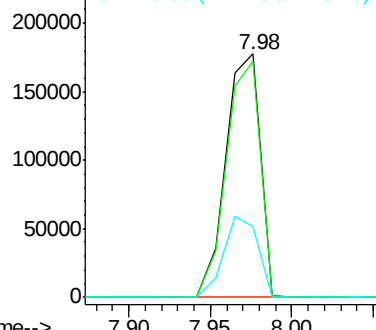
#30
 1,2,4-Trichlorobenzene
 Concen: 42.03 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion:180 Resp: 259293
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.0 114.0
 145 29.3 26.5 39.7

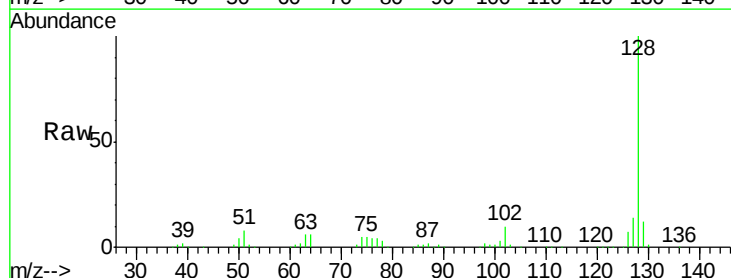


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

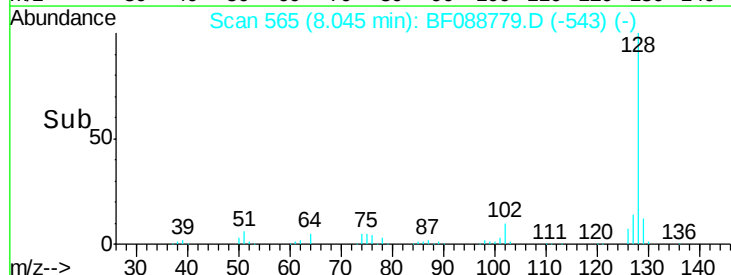
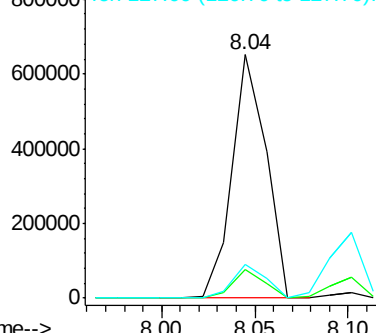


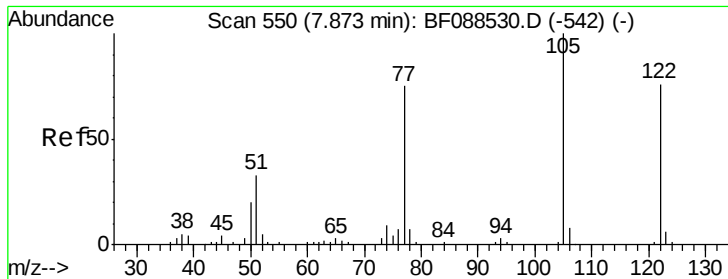
#31
 Naphthalene
 Concen: 39.30 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:128 Resp: 820210
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.2
 127 13.8 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: 36.35 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

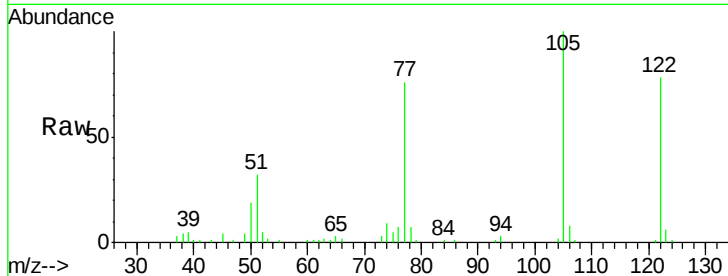
Tgt Ion:122 Resp: 183591

Ion Ratio Lower Upper

122 100

105 127.6 101.6 141.6

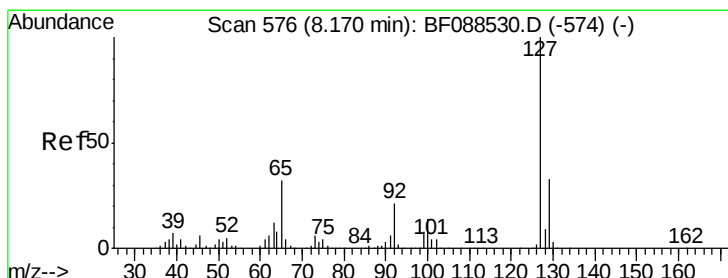
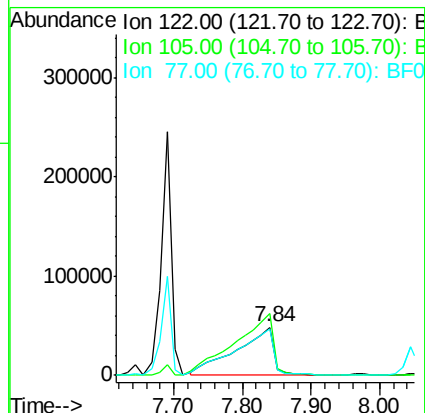
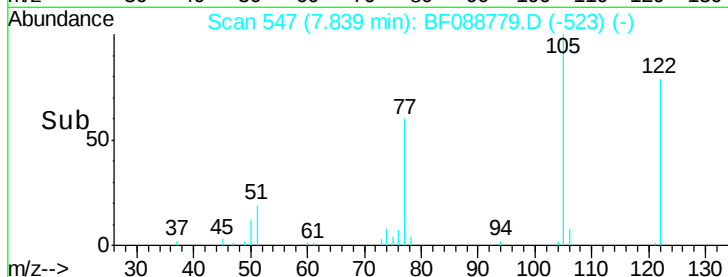
77 97.4 70.6 110.6



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: 24.24 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Tgt Ion:127 Resp: 225063

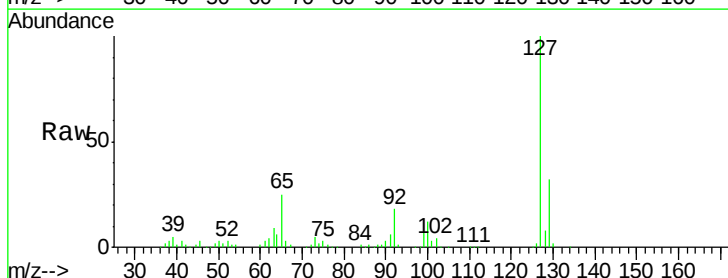
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 25.0 24.7 37.1

92 18.0 15.4 23.0

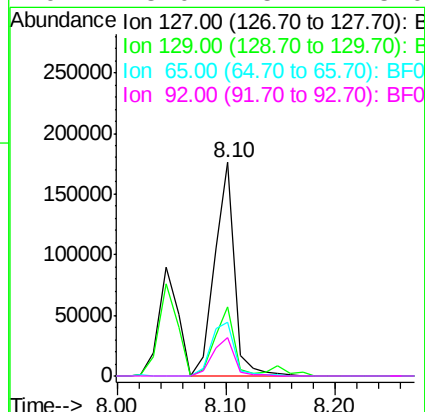
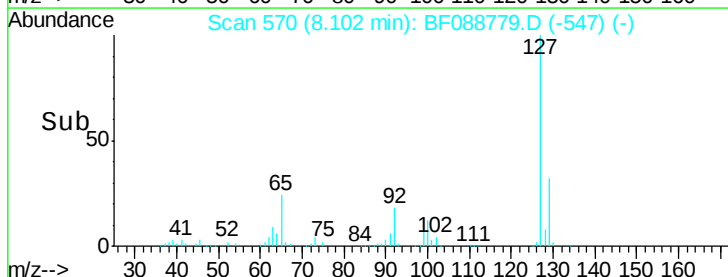


Abundance Ion 127.00 (126.70 to 127.70): E

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

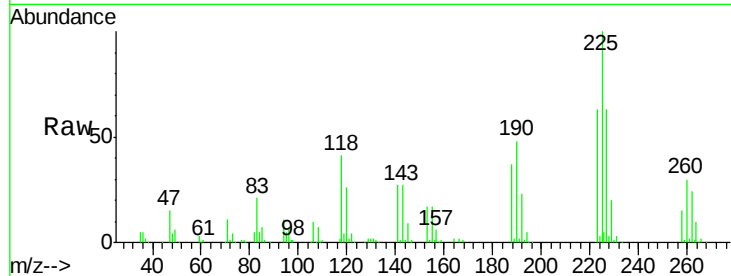




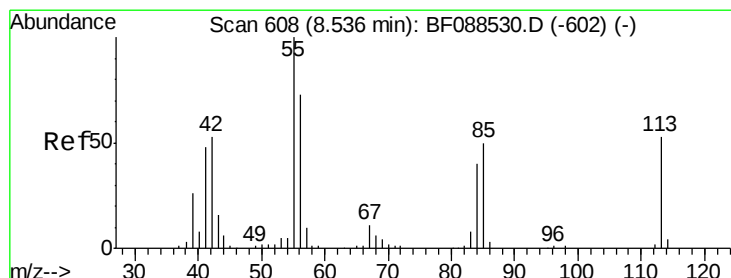
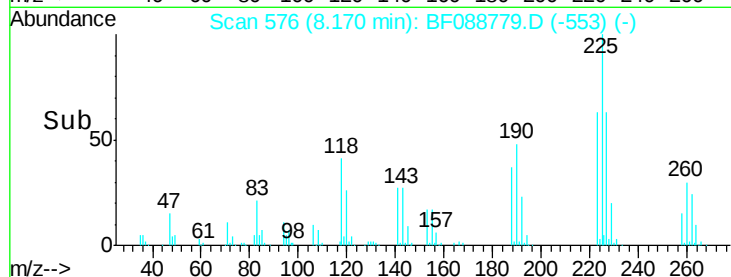
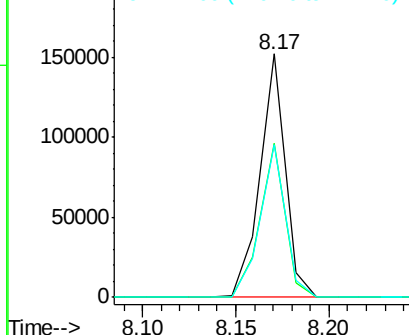
#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion:225 Resp: 141686
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 62.8 51.9 77.9

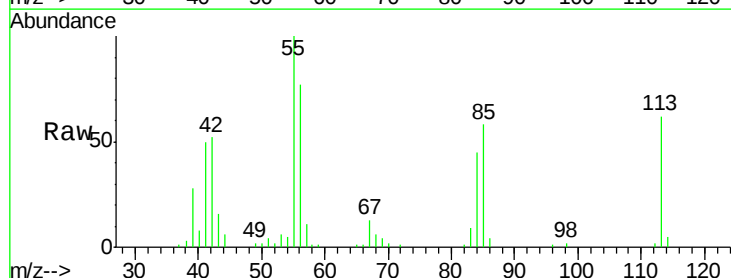


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

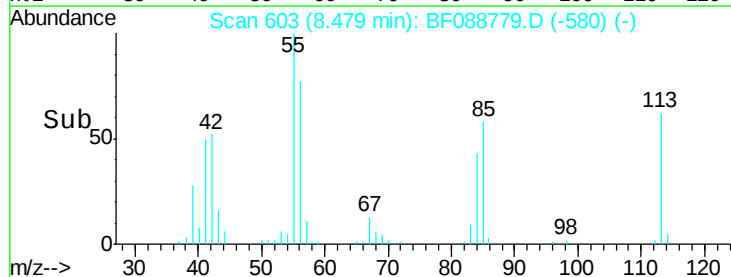
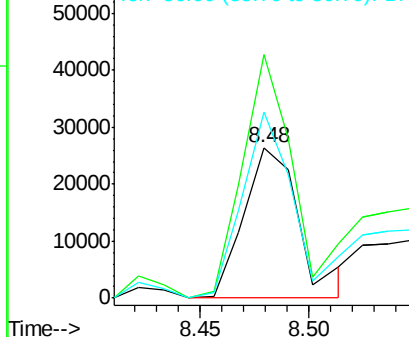


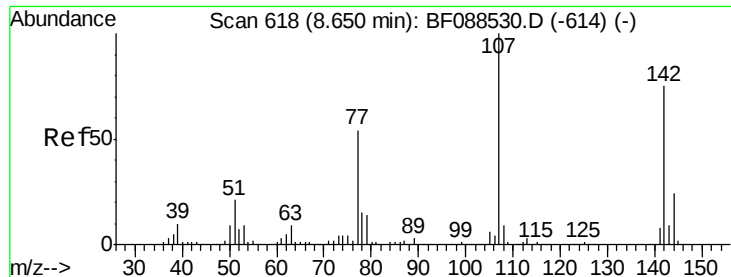
#35
Caprolactam
Concen: 24.68 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:113 Resp: 47120
Ion Ratio Lower Upper
113 100
55 161.5 158.6 198.6
56 123.8 110.6 150.6



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

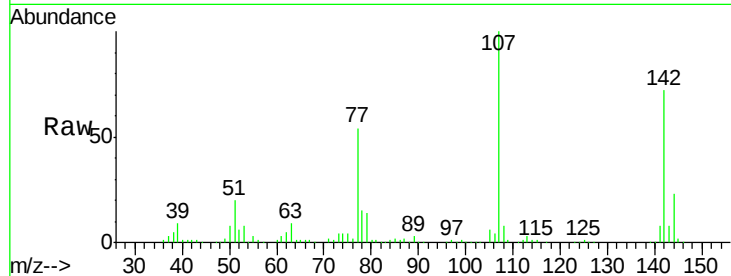




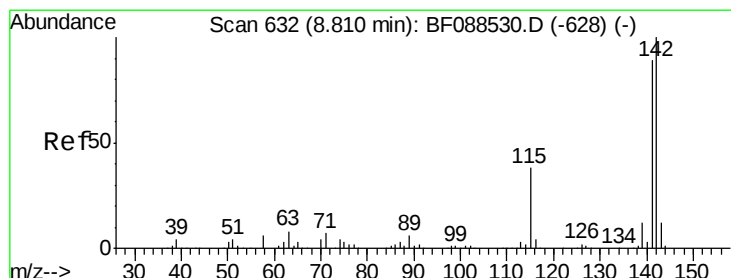
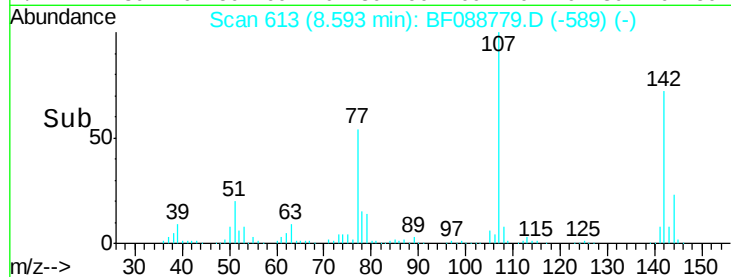
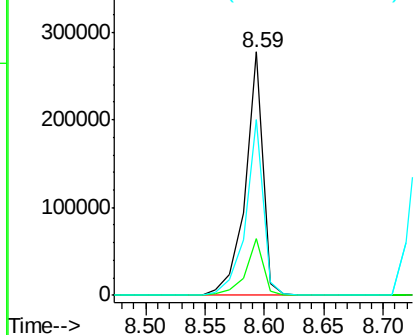
#36
 4-Chloro-3-methylphenol
 Concen: 43.04 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion:107 Resp: 286095
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.8 31.2
 142 71.9 63.4 95.2

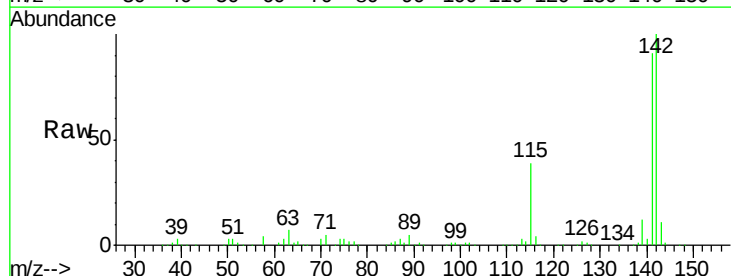


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

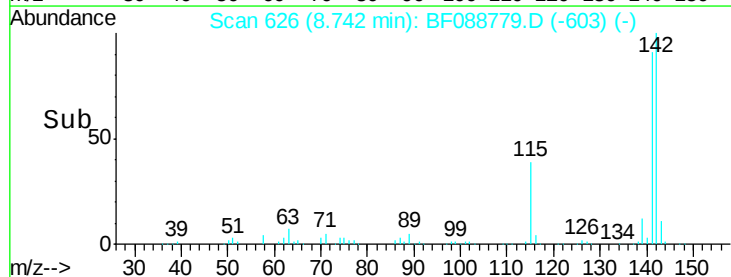
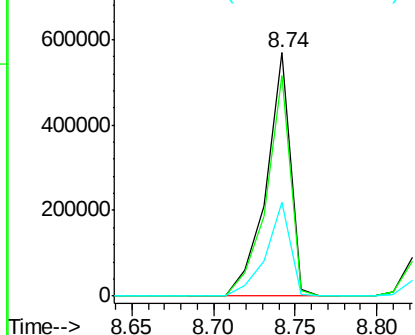


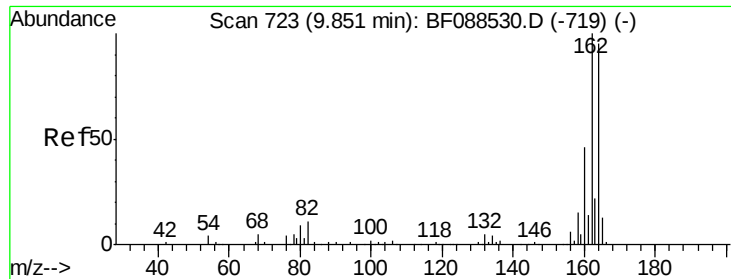
#37
 2-Methylnaphthalene
 Concen: 43.64 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:142 Resp: 586393
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 38.8 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

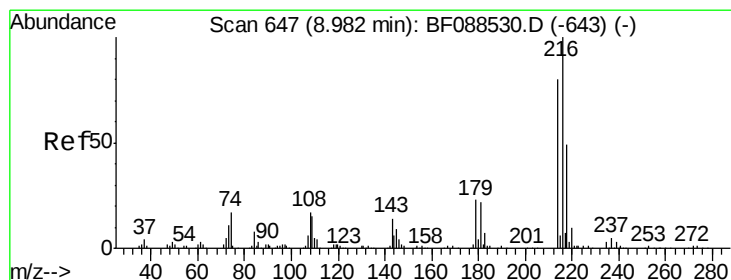
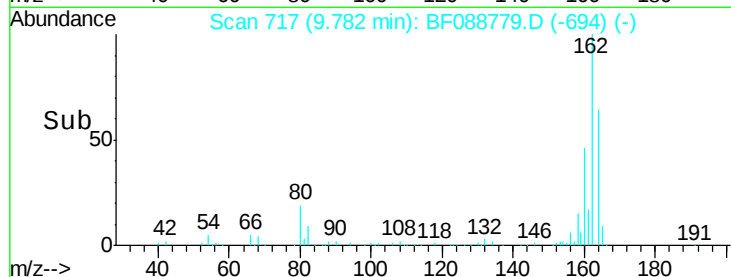
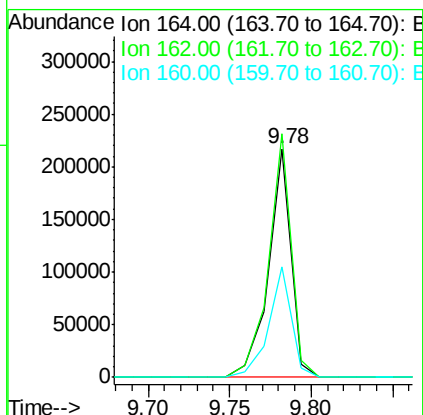
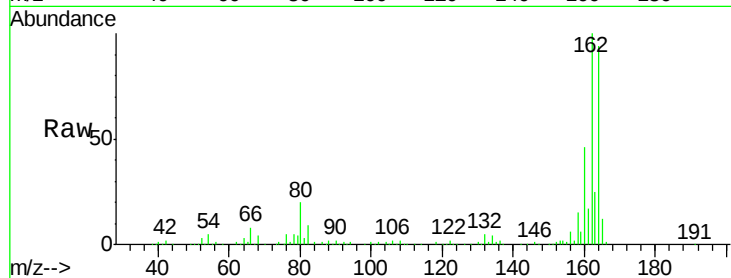




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

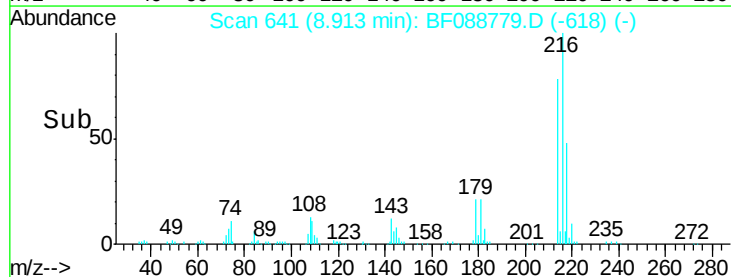
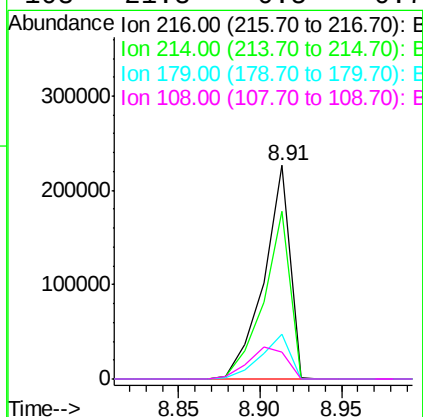
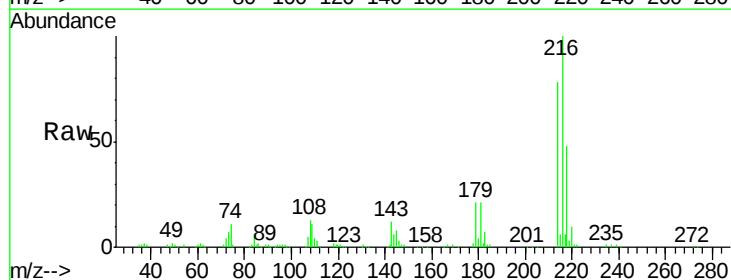
Instrument :
BNA_F
ClientSampleId :
PB91848BS

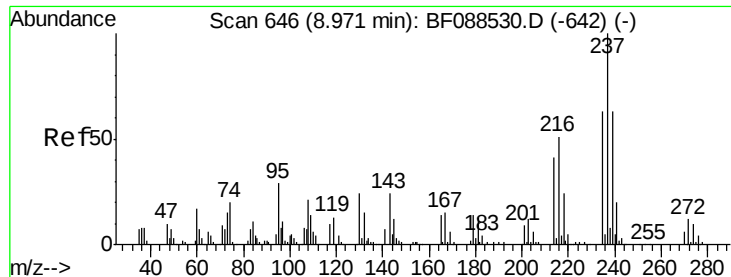
Tgt Ion:164 Resp: 208461
Ion Ratio Lower Upper
164 100
162 106.5 85.4 128.2
160 48.5 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.58 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:216 Resp: 253645
Ion Ratio Lower Upper
216 100
214 79.1 2.9 4.3#
179 22.7 0.0 0.0#
108 21.8 0.5 0.7#

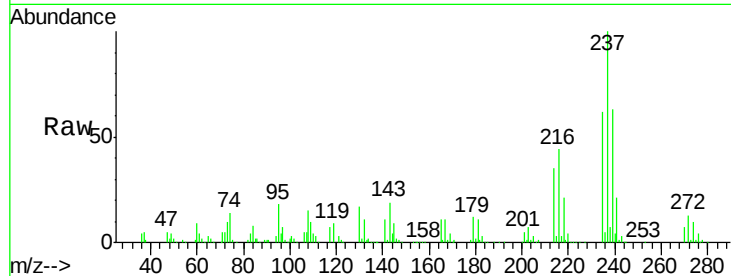




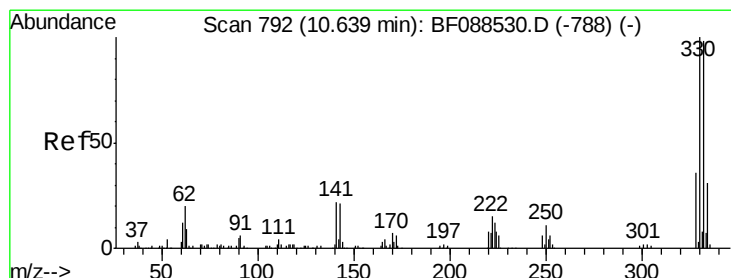
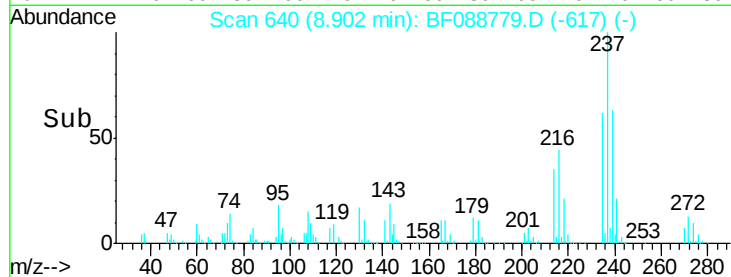
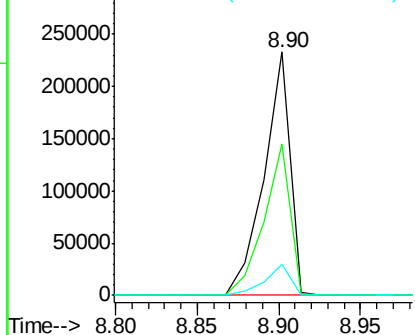
#40
Hexachlorocyclopentadiene
Concen: 76.03 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion: 237 Resp: 258746
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 12.9 0.0 32.3

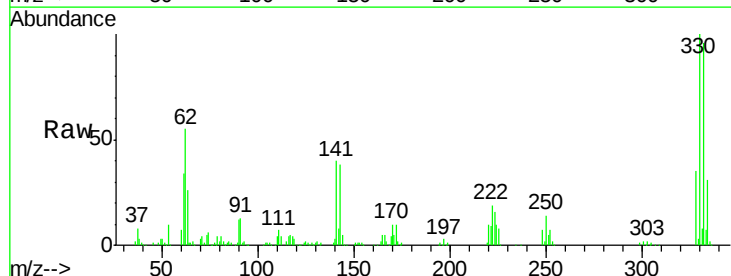


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

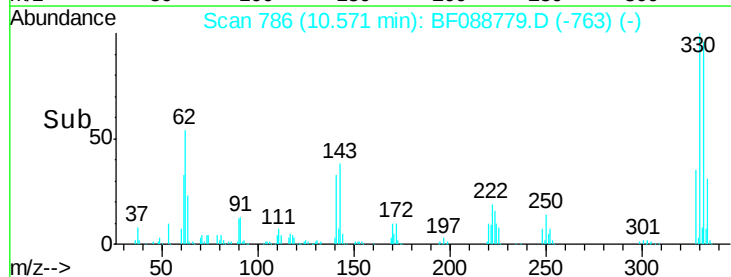
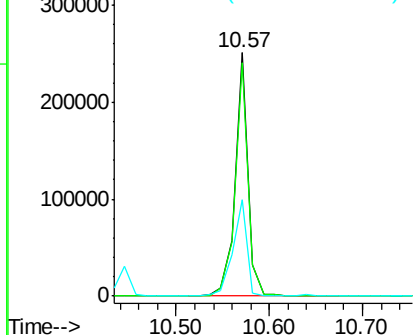


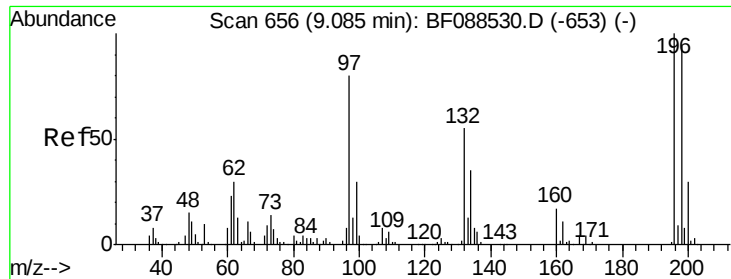
#41
2,4,6-Tribromophenol
Concen: 126.22 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion: 330 Resp: 244338
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 43.4 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: 40.96 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

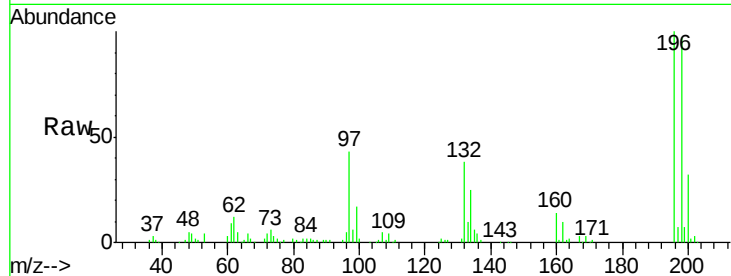
Tgt Ion:196 Resp: 187228

Ion Ratio Lower Upper

196 100

198 96.9 78.0 117.0

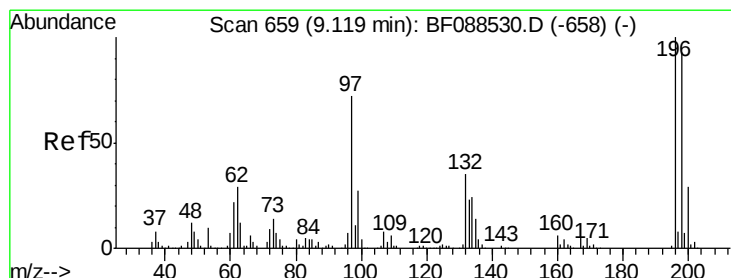
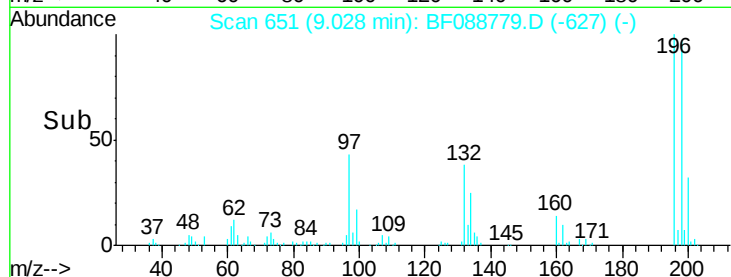
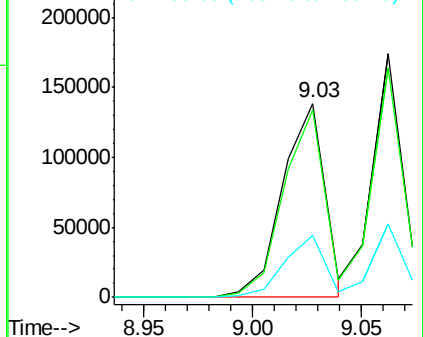
200 32.1 25.4 38.2



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: 43.88 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Tgt Ion:196 Resp: 172597

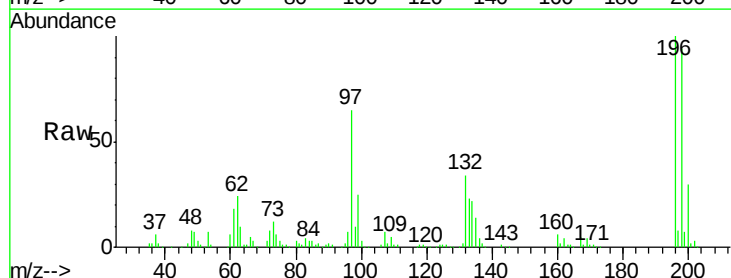
Ion Ratio Lower Upper

196 100

198 94.4 77.5 116.3

97 65.5 32.0 48.0#

132 33.5 20.9 31.3#

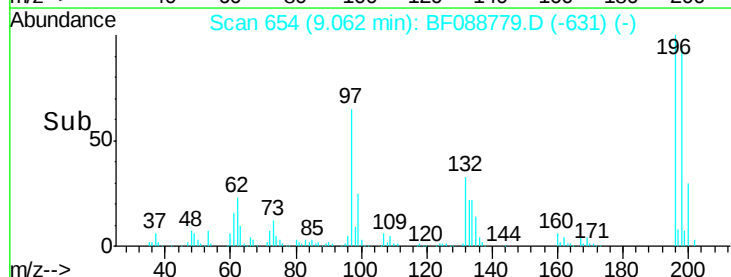
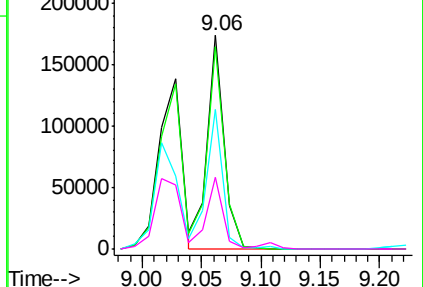


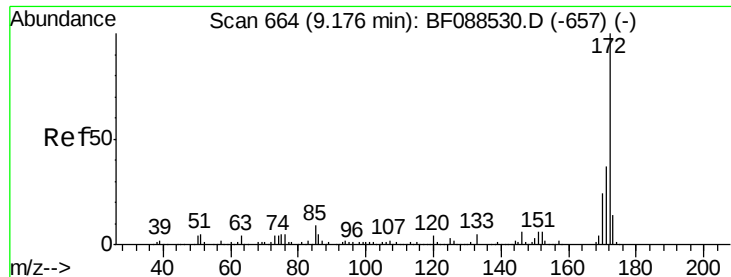
Abundance Ion 196.00 (195.70 to 196.70): E

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: 78.74 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

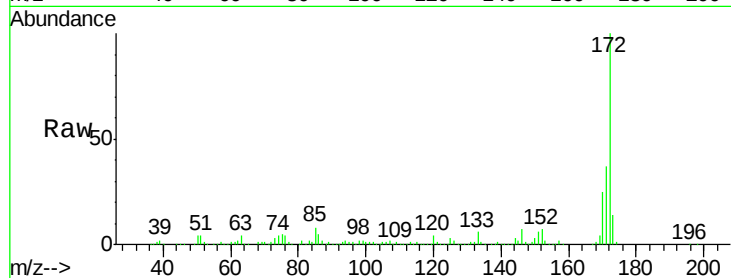
Tgt Ion:172 Resp: 1039154

Ion Ratio Lower Upper

172 100

171 36.9 28.6 43.0

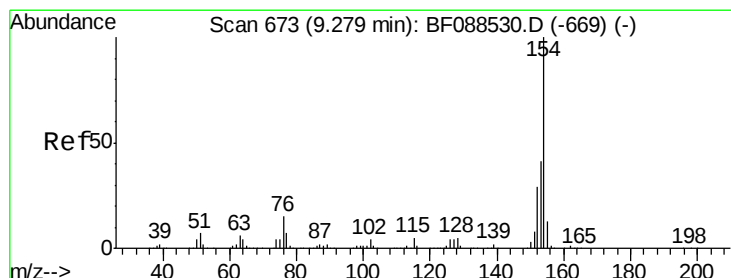
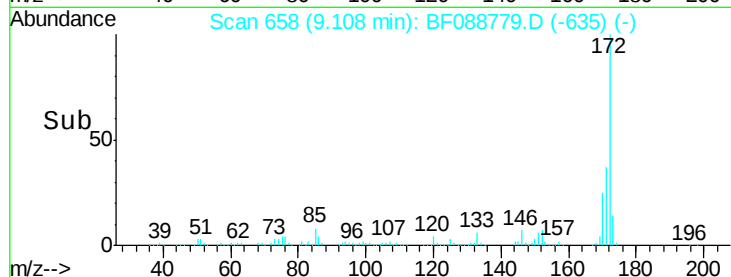
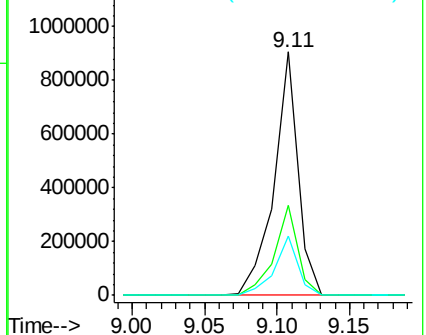
170 24.5 19.2 28.8



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: 42.72 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

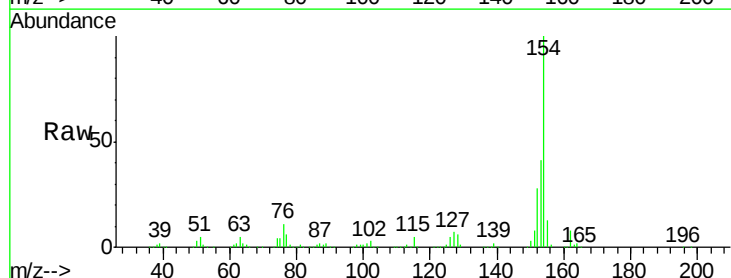
Tgt Ion:154 Resp: 737493

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

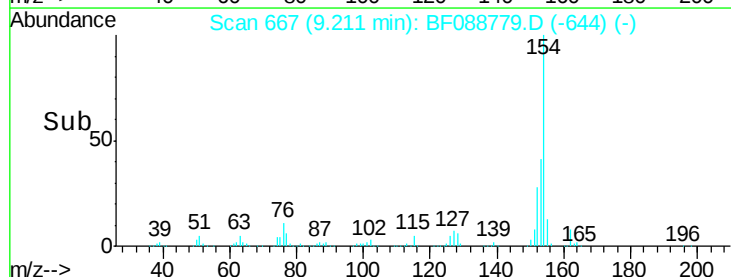
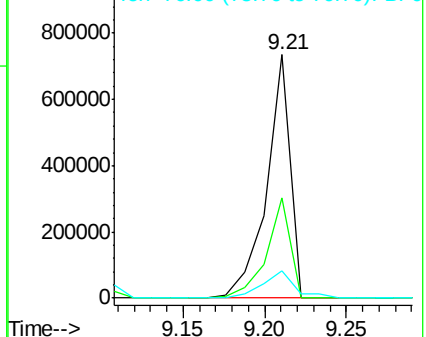
76 11.1 0.0 35.1

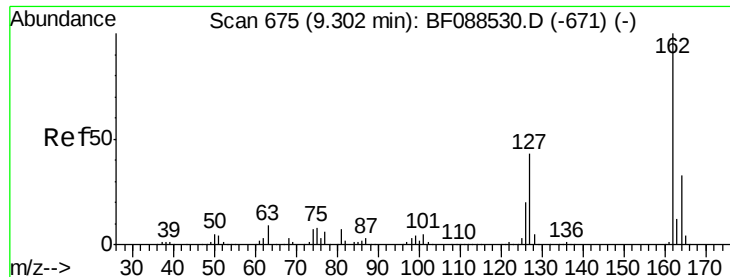


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

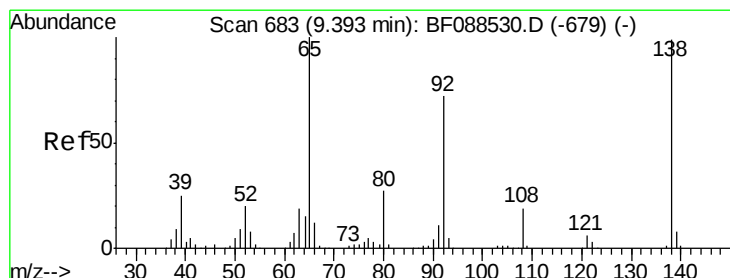
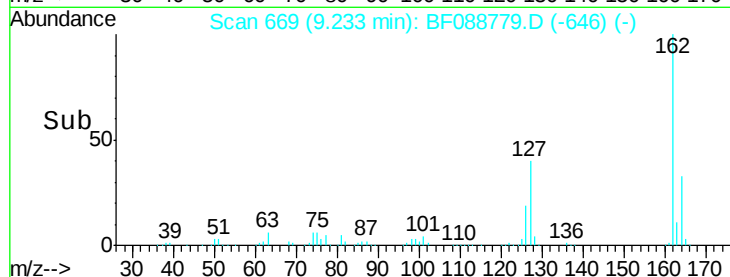
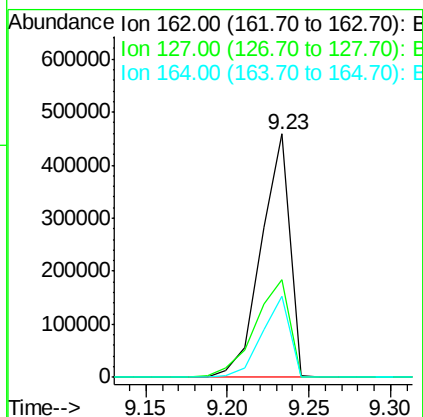
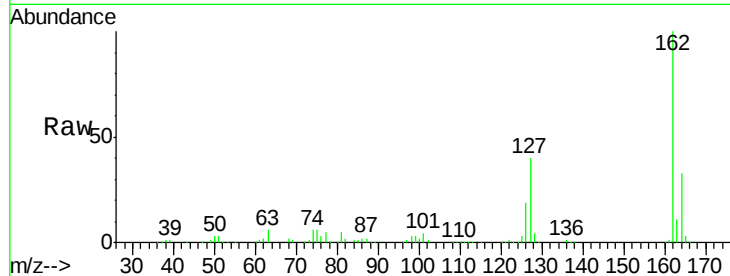




#46
2-Chloronaphthalene
Concen: 41.23 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

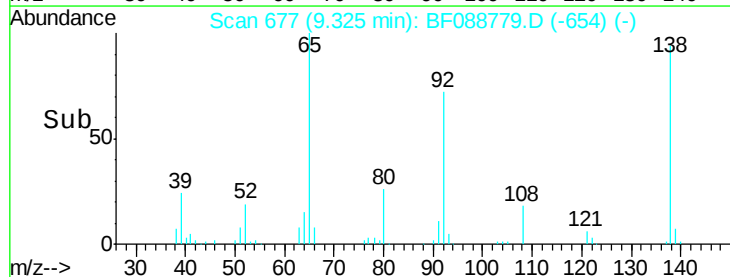
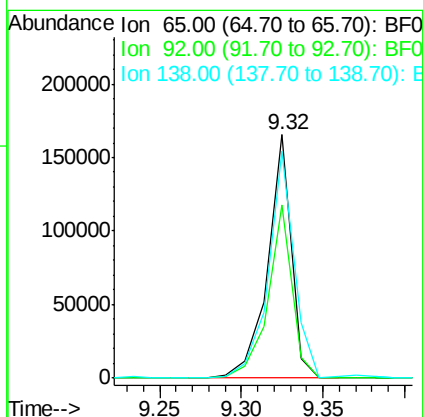
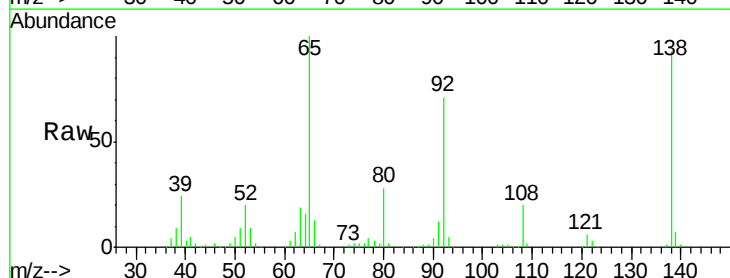
Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion: 162 Resp: 558788
Ion Ratio Lower Upper
162 100
127 40.4 35.2 52.8
164 33.3 26.6 39.8



#47
2-Nitroaniline
Concen: 34.79 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion: 65 Resp: 167332
Ion Ratio Lower Upper
65 100
92 71.4 54.6 82.0
138 93.1 77.0 115.4





#48

Acenaphthylene

Concen: 40.74 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

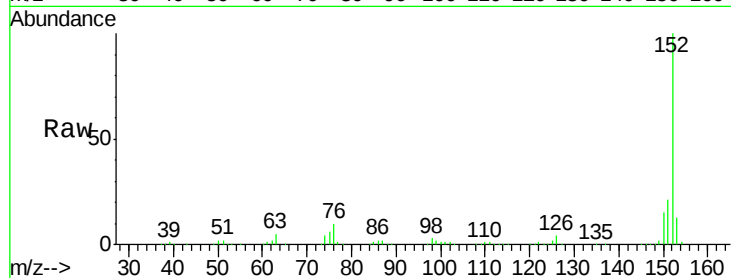
Tgt Ion:152 Resp: 878461

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

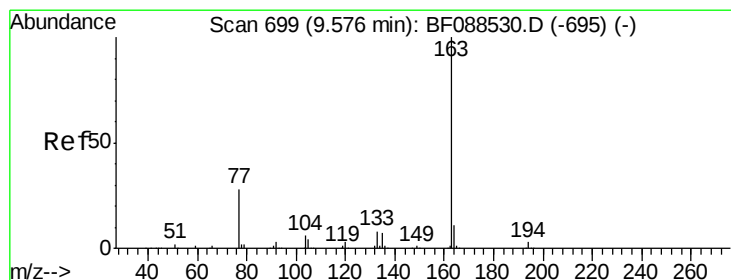
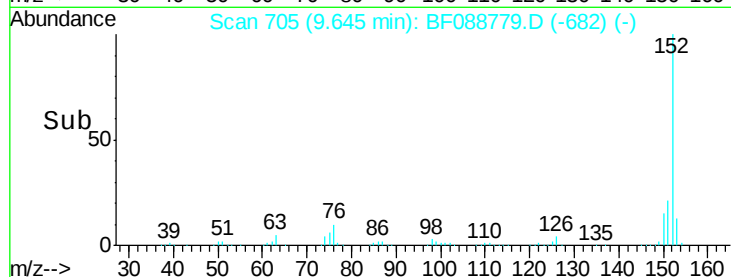
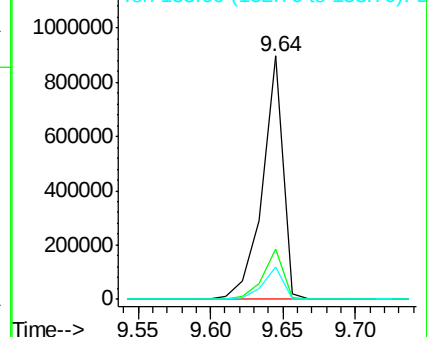
153 13.4 11.0 16.6



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: 44.10 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

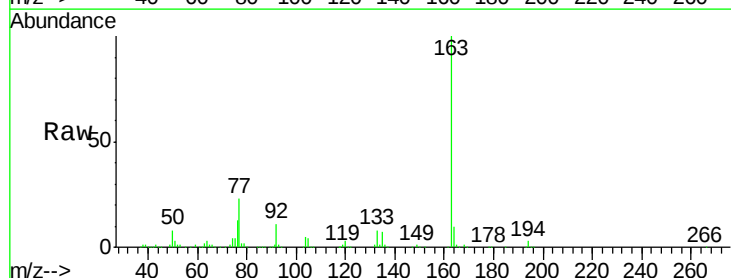
Tgt Ion:163 Resp: 654881

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

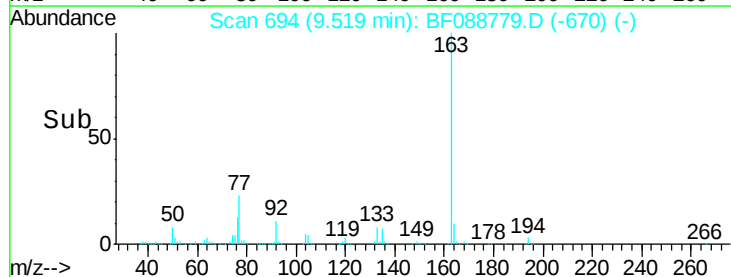
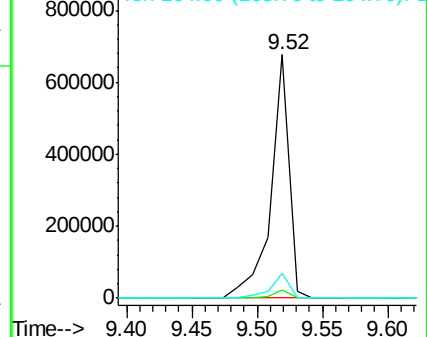
164 10.2 8.3 12.5

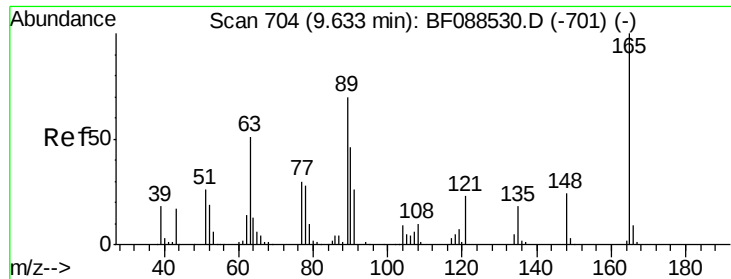


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

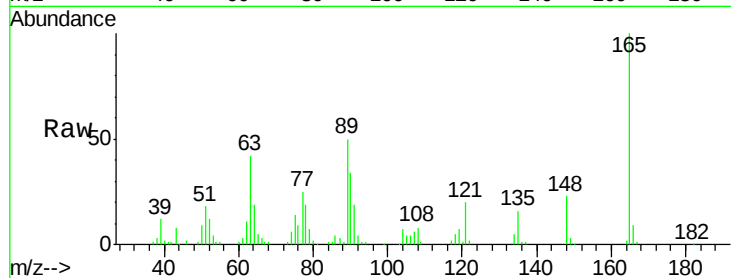




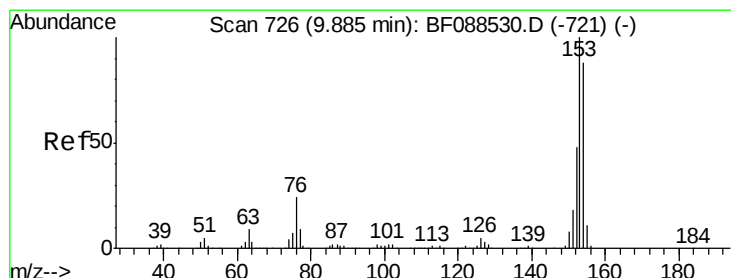
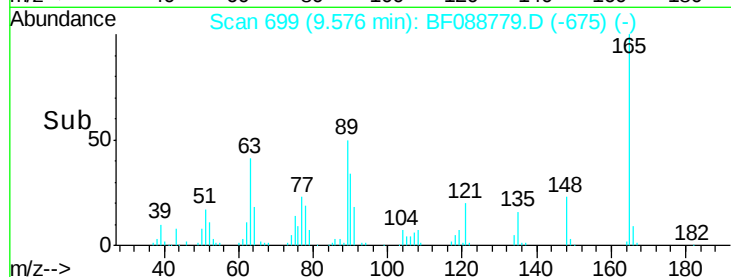
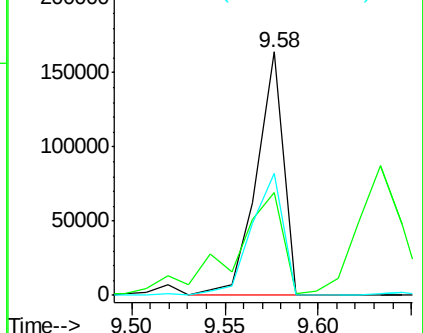
#50
2,6-Dinitrotoluene
Concen: 49.61 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampled :
PB91848BS

Tgt Ion:165 Resp: 163305
Ion Ratio Lower Upper
165 100
63 42.1 28.1 42.1
89 50.3 32.2 48.2#

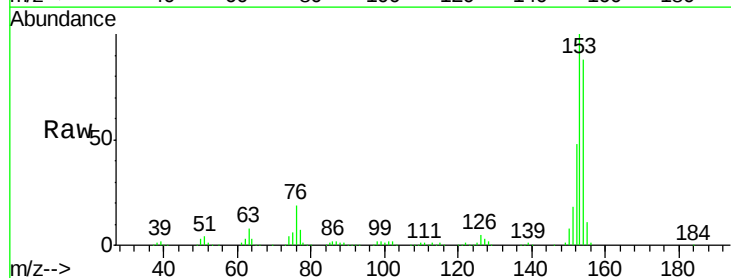


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

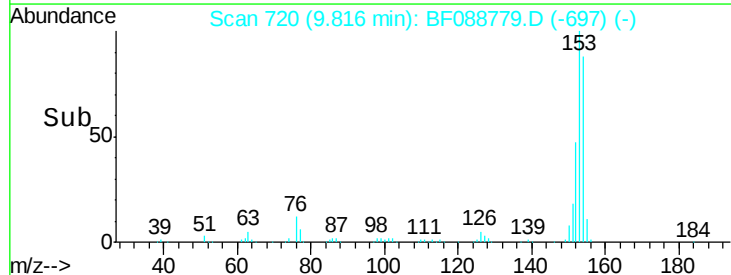
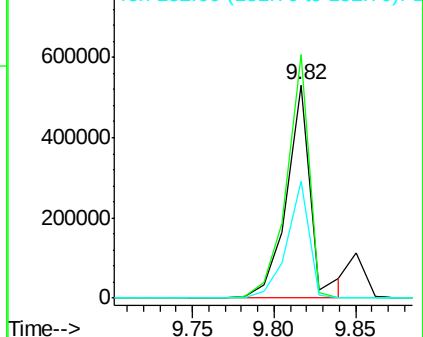


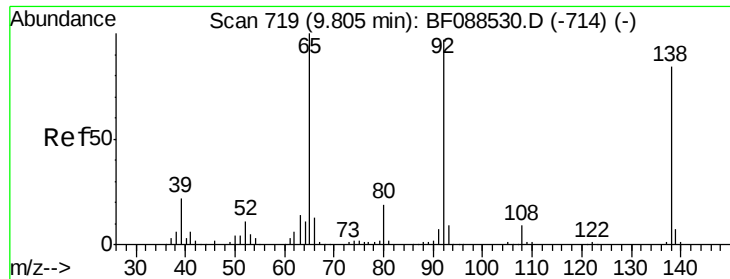
#51
Acenaphthene
Concen: 41.51 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:154 Resp: 548639
Ion Ratio Lower Upper
154 100
153 114.1 89.5 134.3
152 54.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 23.28 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

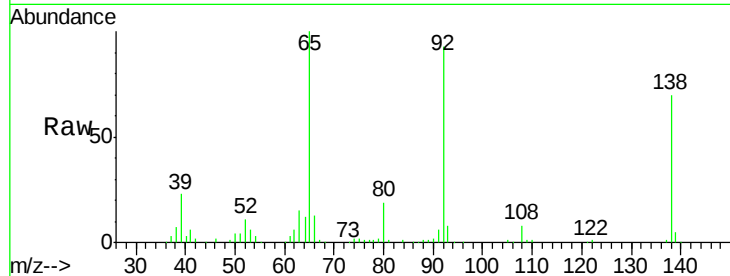
Tgt Ion:138 Resp: 97427

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

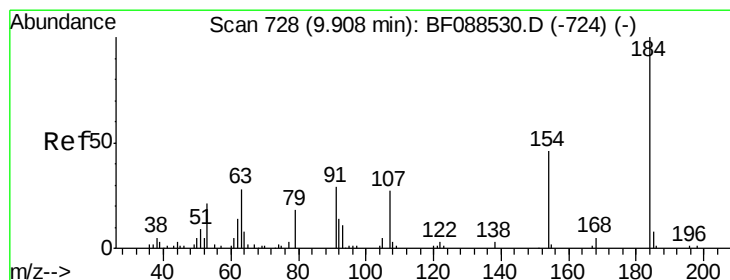
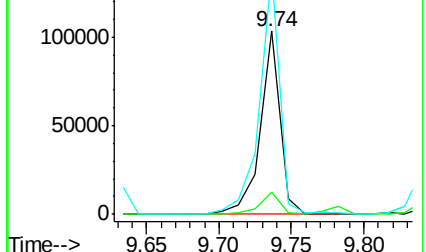
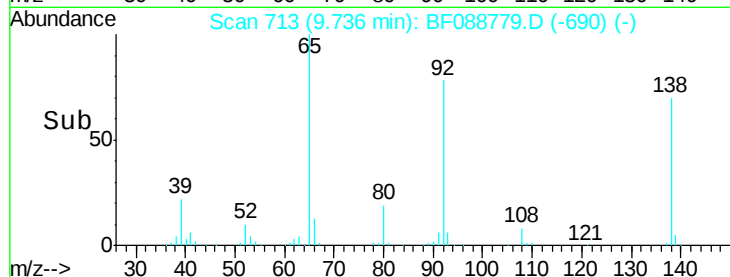
92 133.0 95.7 143.5



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): E



#53

2,4-Dinitrophenol

Concen: 117.09 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

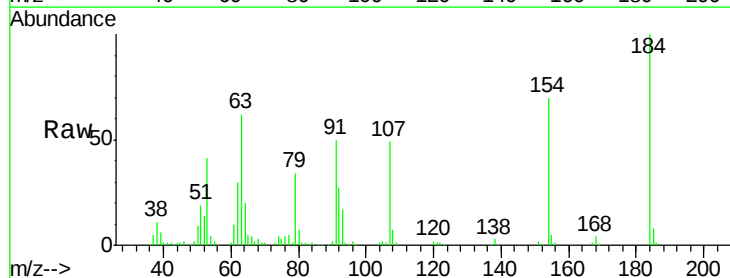
Tgt Ion:184 Resp: 170176

Ion Ratio Lower Upper

184 100

63 61.7 57.6 86.4

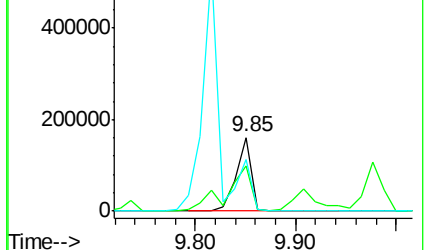
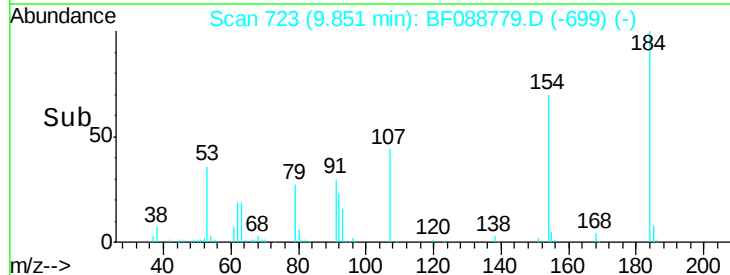
154 70.4 53.5 80.3

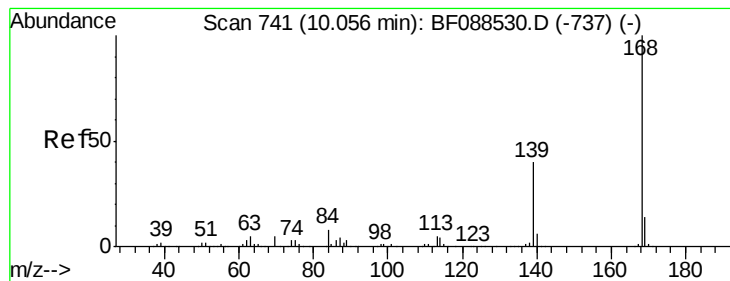


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 42.04 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

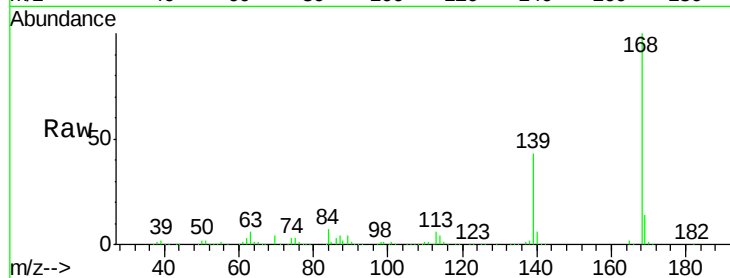
Tgt Ion:168 Resp: 727210

Ion Ratio Lower Upper

168 100

139 43.0 26.4 39.6#

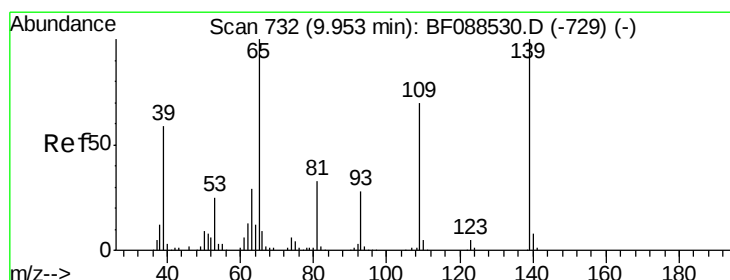
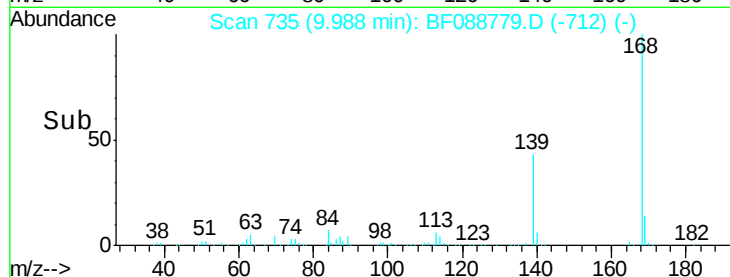
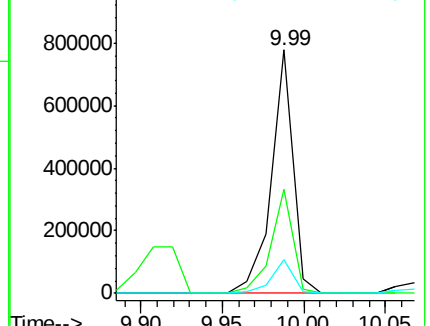
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 81.36 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

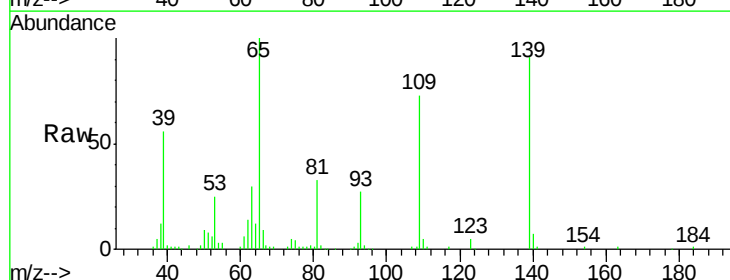
Tgt Ion:139 Resp: 258701

Ion Ratio Lower Upper

139 100

109 80.4 48.9 88.9

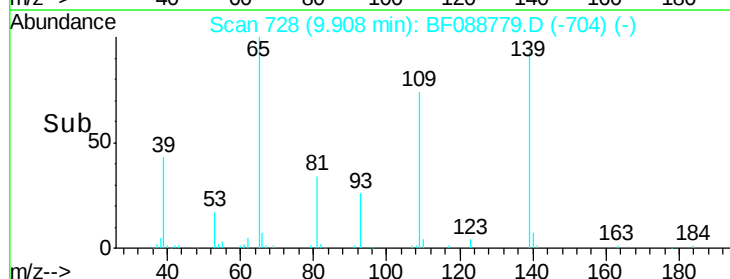
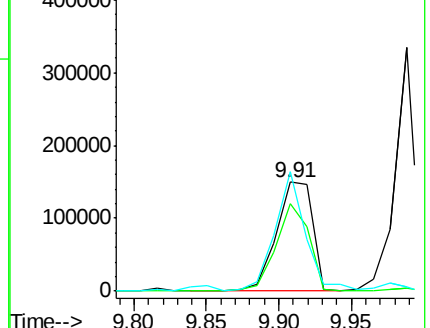
65 109.9 84.9 124.9

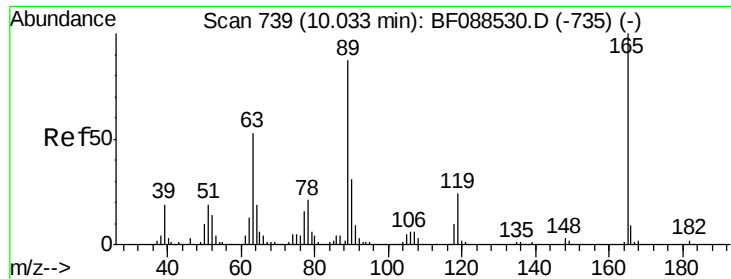


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

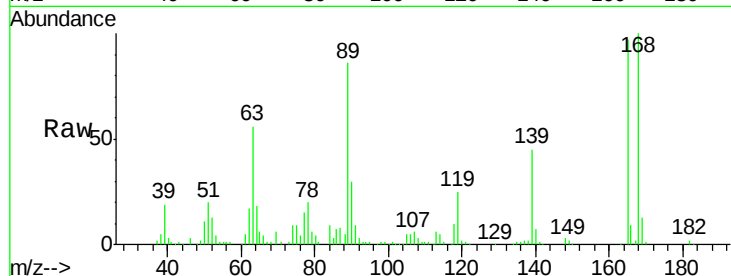




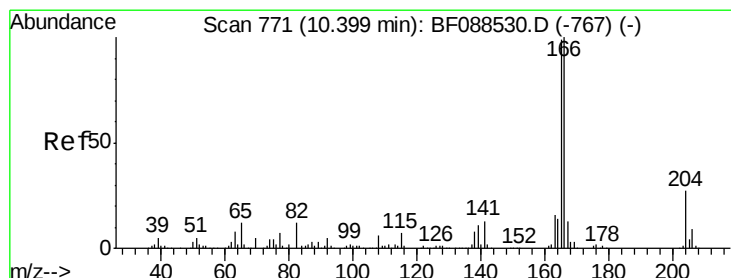
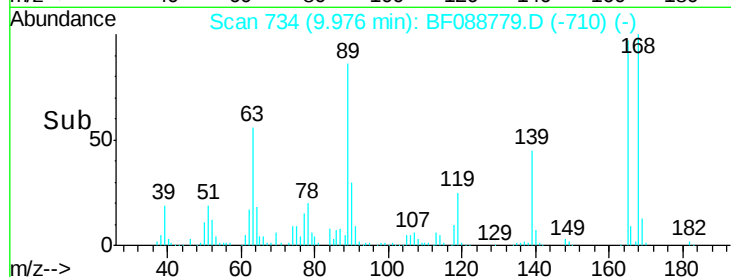
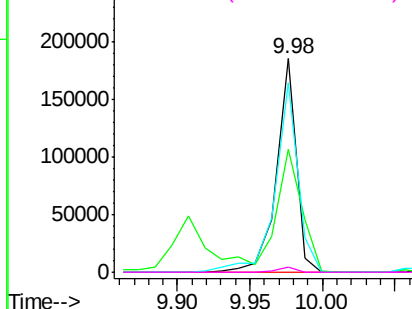
#56
2,4-Dinitrotoluene
Concen: 40.43 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion:165 Resp: 173991
Ion Ratio Lower Upper
165 100
63 57.8 22.0 33.0#
89 88.8 41.1 61.7#
182 2.3 2.0 3.0

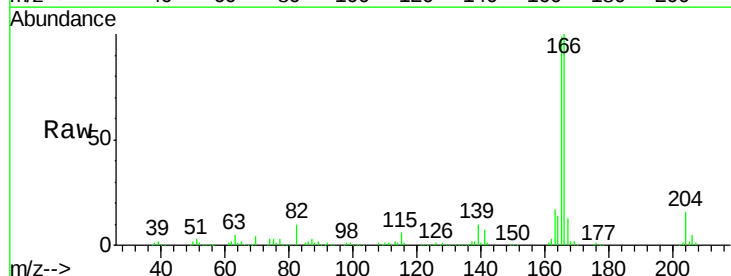


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

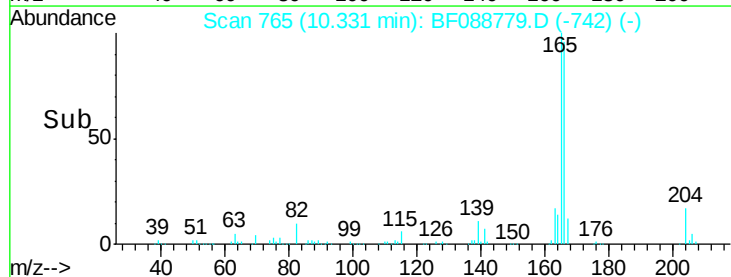
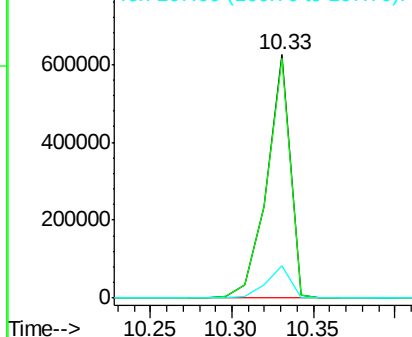


#57
Fluorene
Concen: 46.65 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:166 Resp: 621954
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.3 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

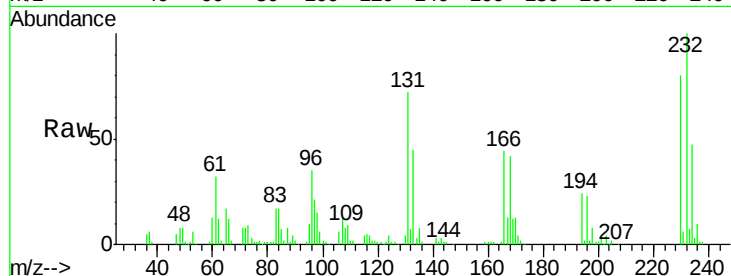




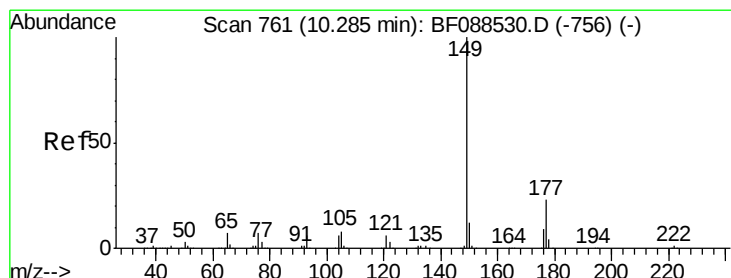
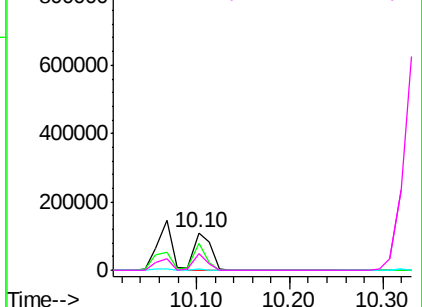
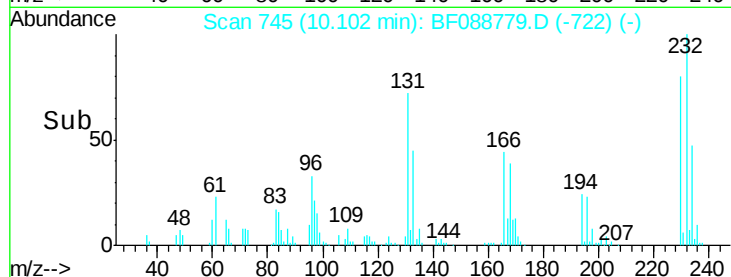
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.30 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion: 232 Resp: 137855
 Ion Ratio Lower Upper
 232 100
 131 55.4 0.9 1.3#
 130 2.8 1.5 2.3#
 166 36.1 0.5 0.7#

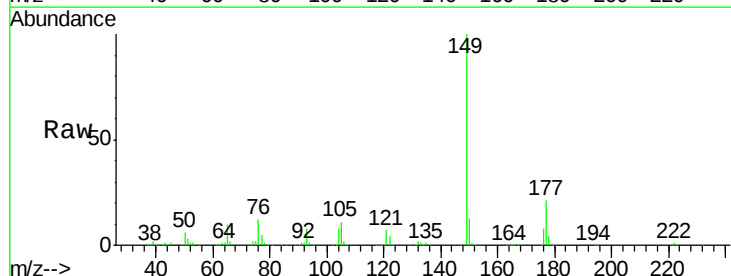


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

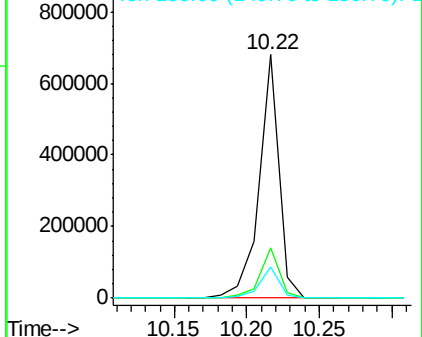
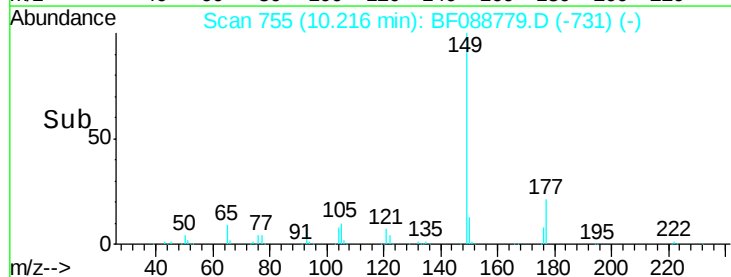


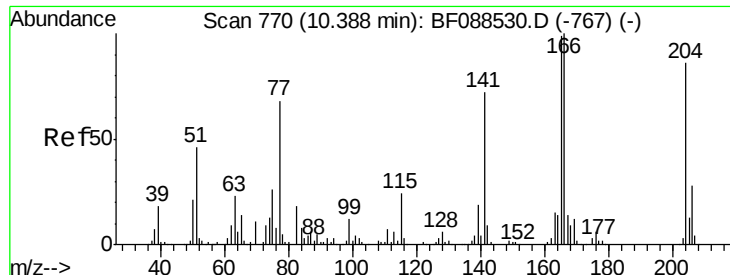
#59
 Diethylphthalate
 Concen: 43.33 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion: 149 Resp: 645813
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.9 25.3
 150 12.8 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

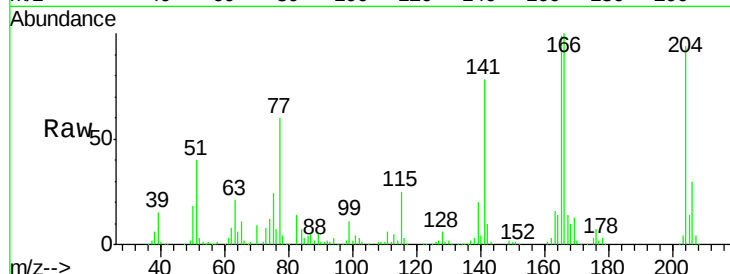




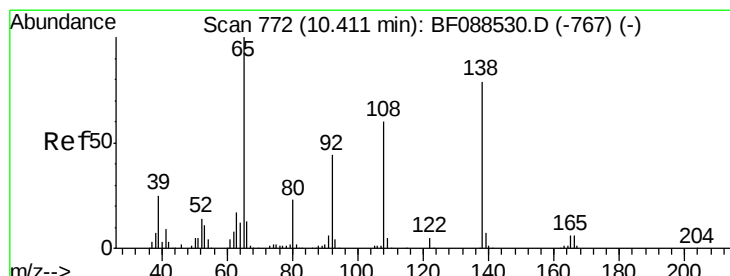
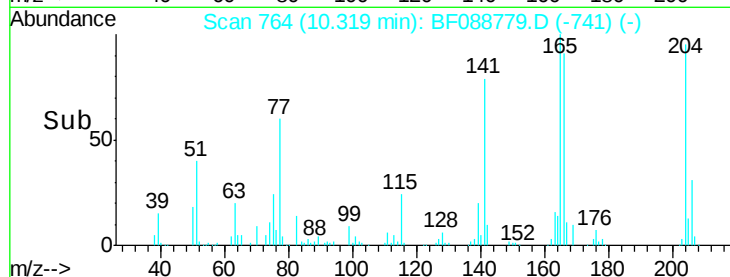
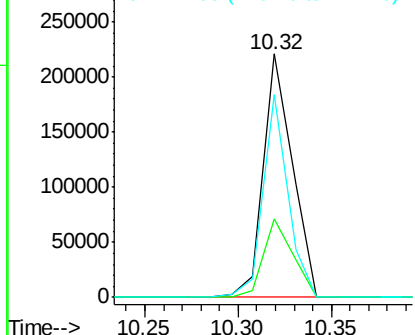
#60
 4-Chlorophenyl-phenylether
 Concen: 38.25 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion: 204 Resp: 236919
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.3 39.5
 141 83.3 55.0 82.6#

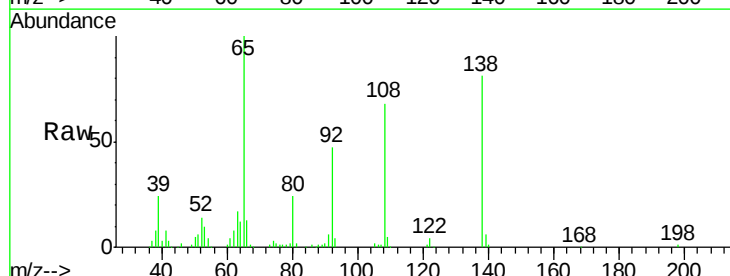


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

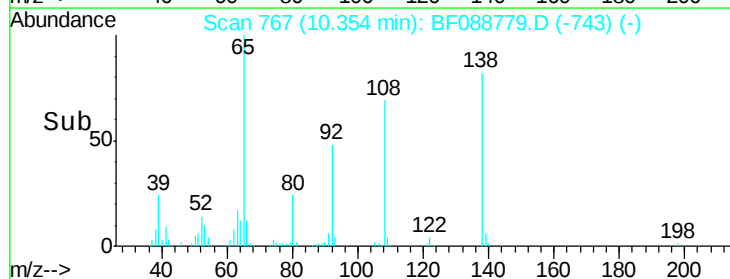
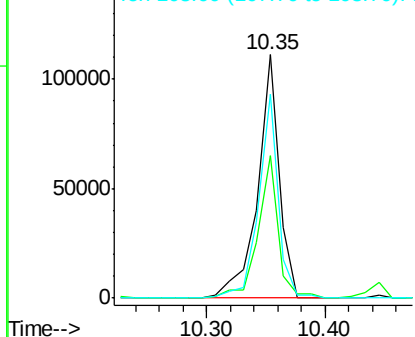


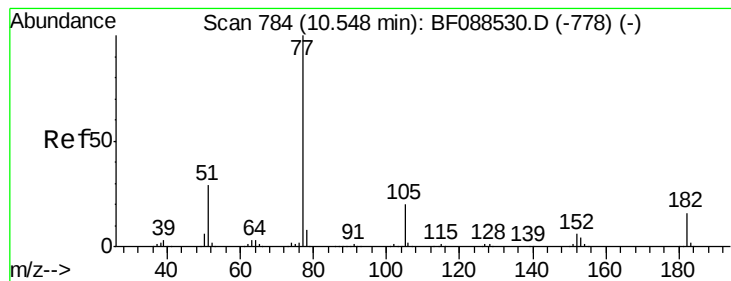
#61
 4-Nitroaniline
 Concen: 35.20 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion: 138 Resp: 141726
 Ion Ratio Lower Upper
 138 100
 92 58.4 27.3 67.3
 108 83.9 46.7 86.7



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





#62

Azobenzene

Concen: 41.82 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tgt Ion: 77 Resp: 711040

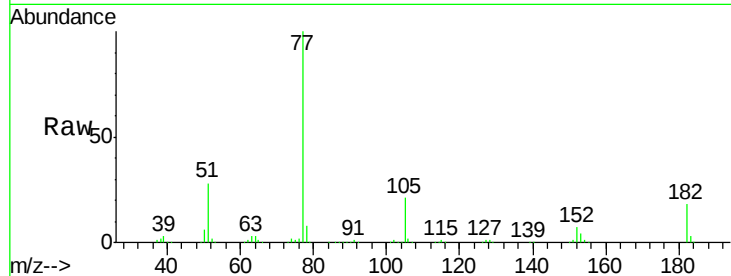
Ion Ratio Lower Upper

77 100

182 17.9 4.4 44.4

105 21.2 3.8 43.8

51 28.1 9.3 49.3

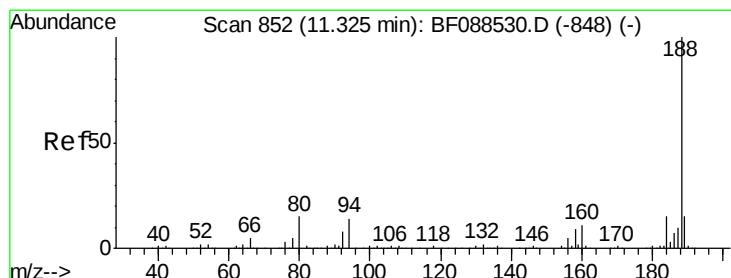
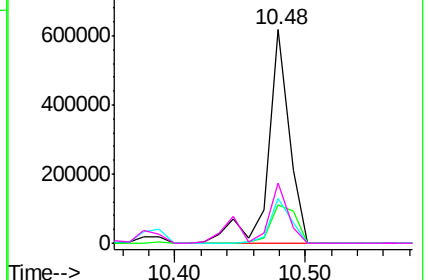
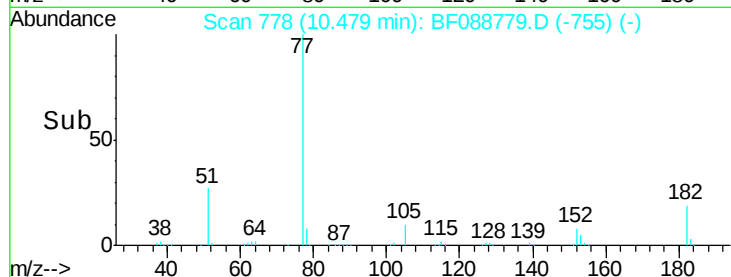


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

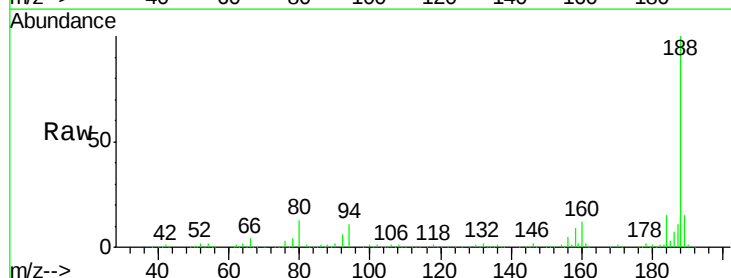
Tgt Ion: 188 Resp: 379864

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

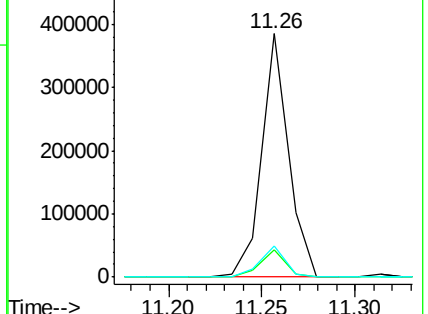
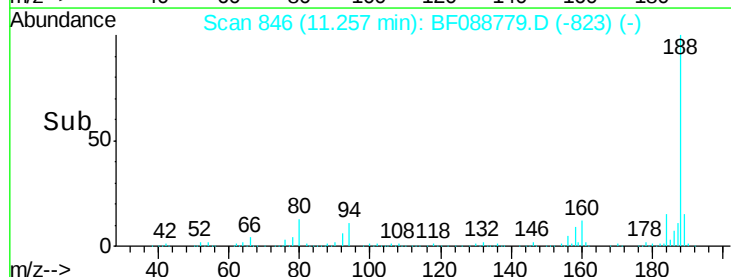
80 12.6 10.0 15.0

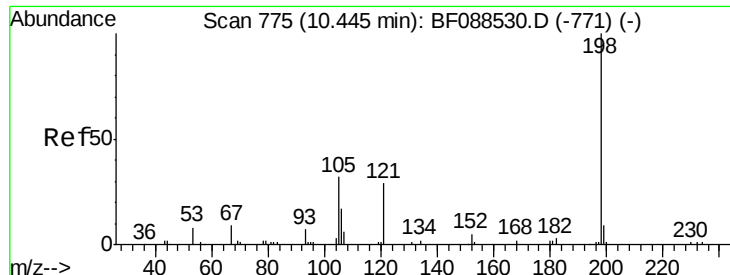


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

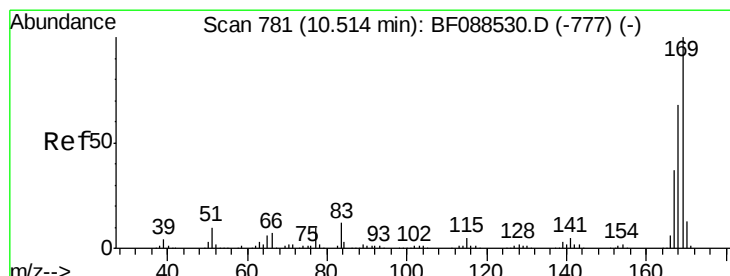
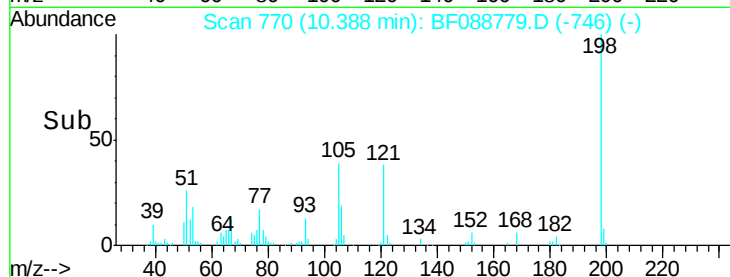
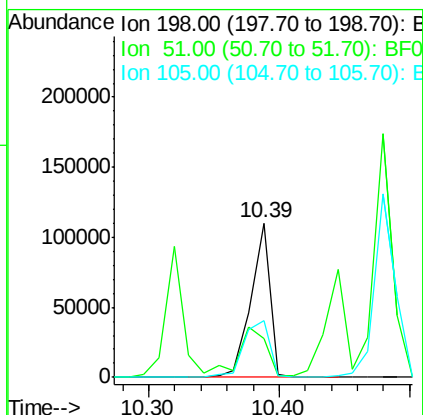
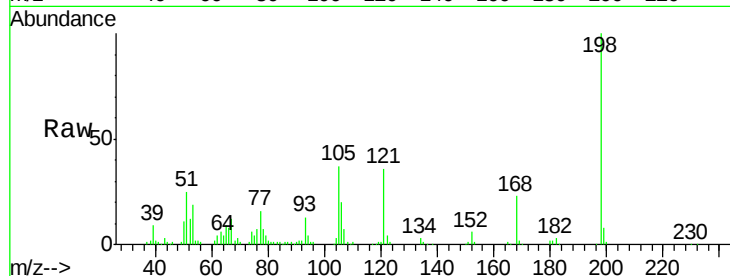




#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.79 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

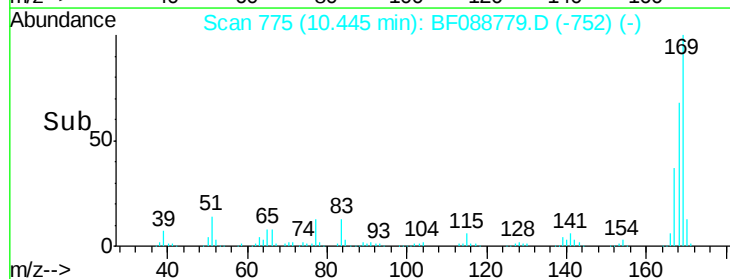
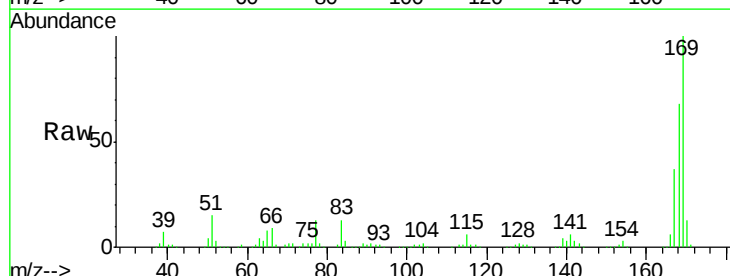
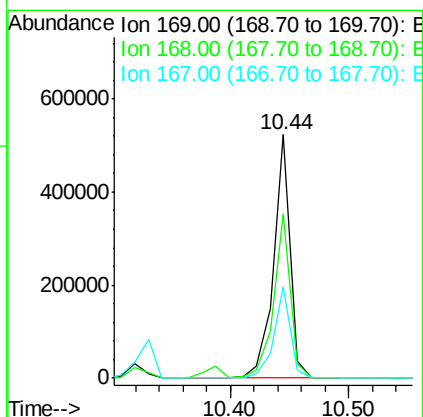
Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tgt Ion:198 Resp: 113346
 Ion Ratio Lower Upper
 198 100
 51 25.1 39.6 79.6#
 105 36.9 36.6 76.6



#65
 n-Nitrosodiphenylamine
 Concen: 39.64 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:169 Resp: 509565
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.4 80.0
 167 37.3 29.4 44.0

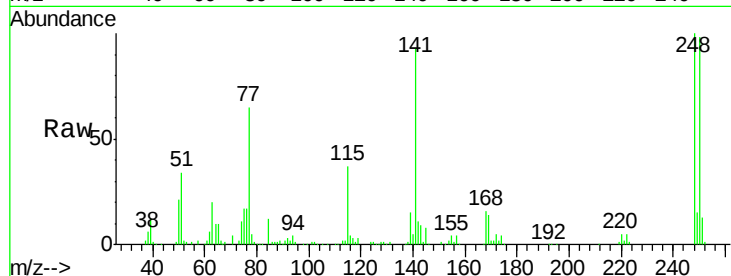




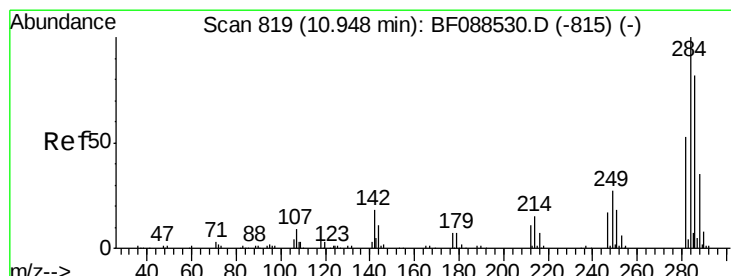
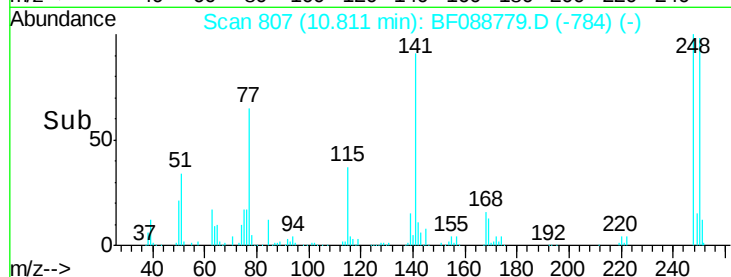
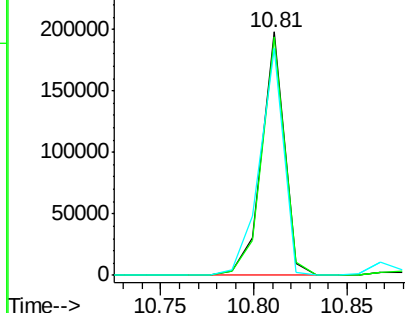
#66
4-Bromophenyl-phenylether
Concen: 43.48 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion:248 Resp: 166430
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 93.4 50.6 76.0#

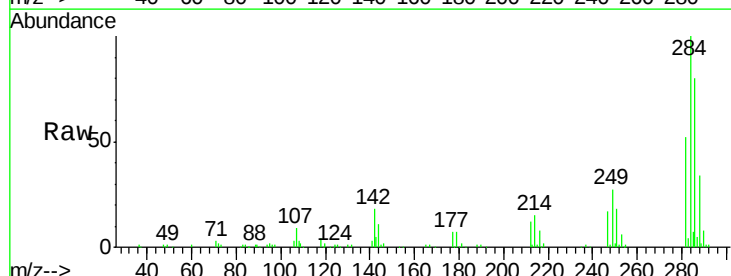


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

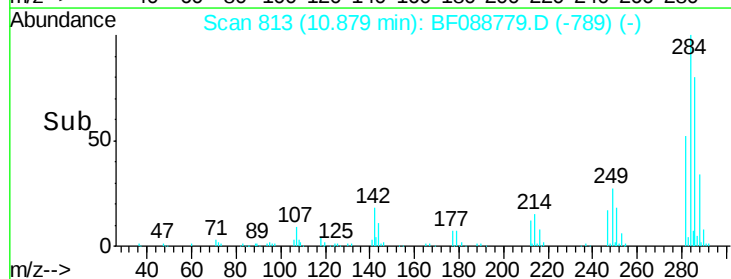
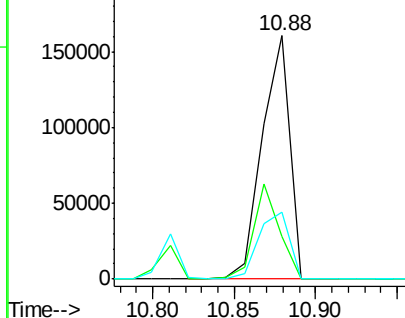


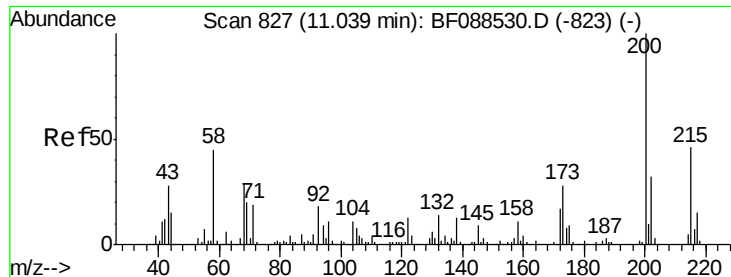
#67
Hexachlorobenzene
Concen: 44.37 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:284 Resp: 188008
Ion Ratio Lower Upper
284 100
142 17.6 35.8 53.8#
249 27.5 25.8 38.6



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

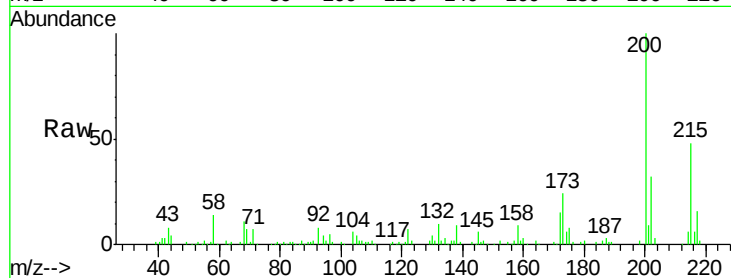




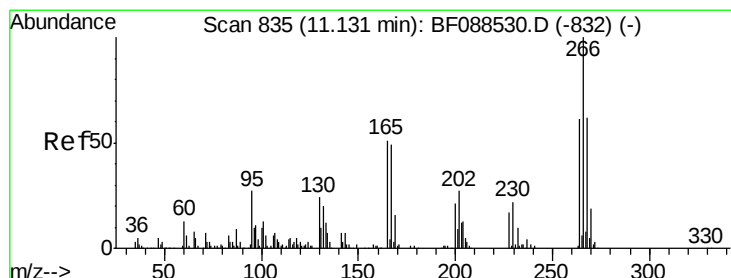
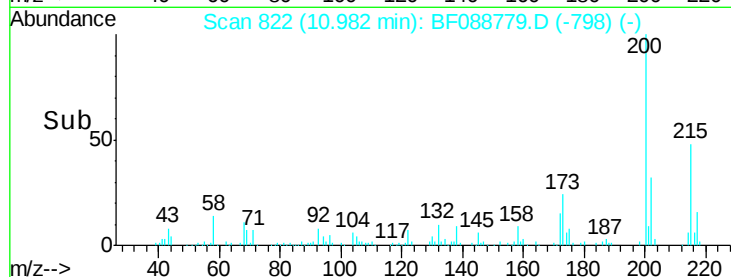
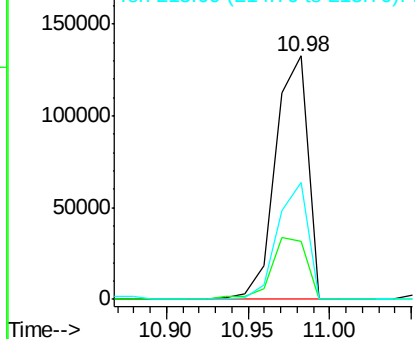
#68
Atrazine
Concen: 45.75 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion:200 Resp: 183285
Ion Ratio Lower Upper
200 100
173 23.9 4.0 44.0
215 47.9 29.3 69.3

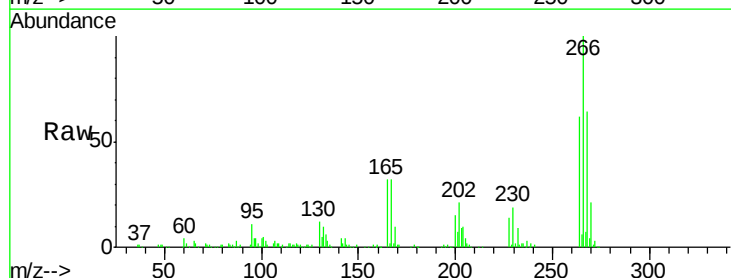


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

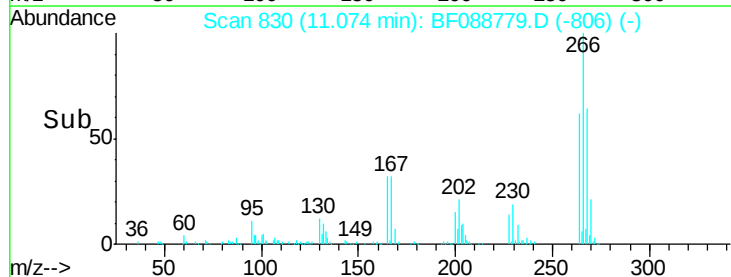
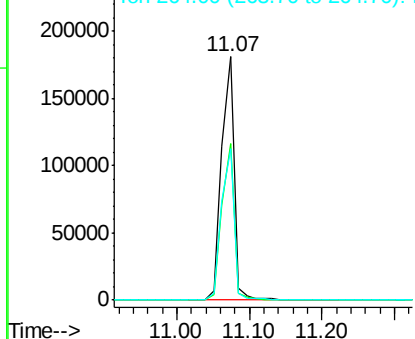


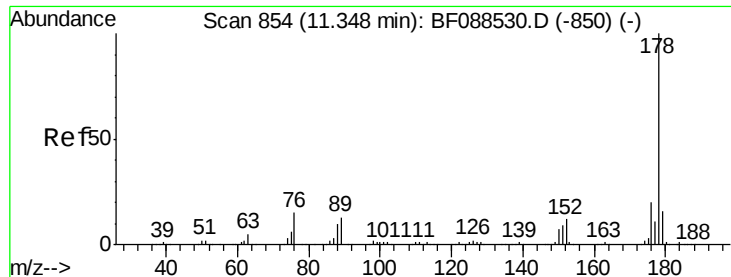
#69
Pentachlorophenol
Concen: 87.97 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:266 Resp: 220617
Ion Ratio Lower Upper
266 100
268 64.2 52.8 79.2
264 62.4 49.6 74.4



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

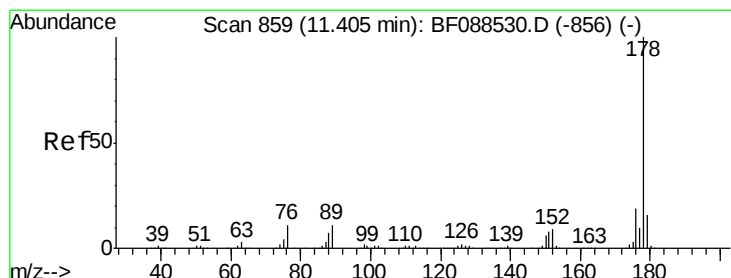
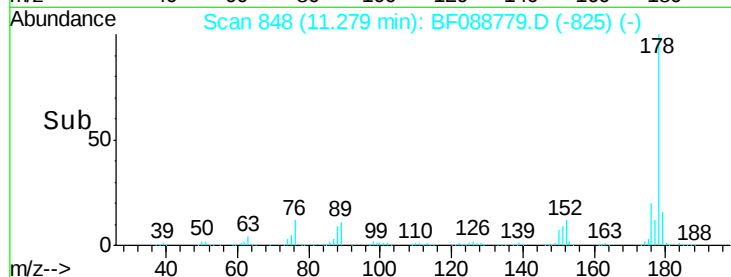
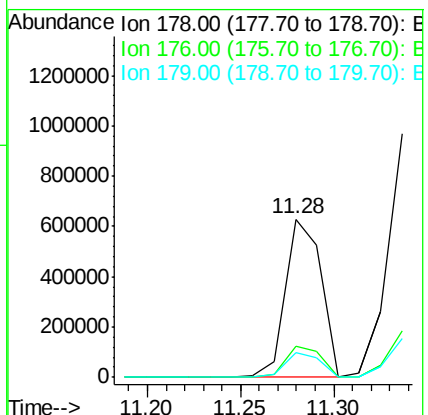
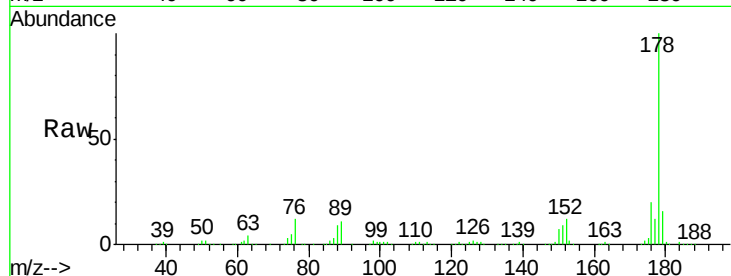




#70
Phenanthrene
Concen: 40.71 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

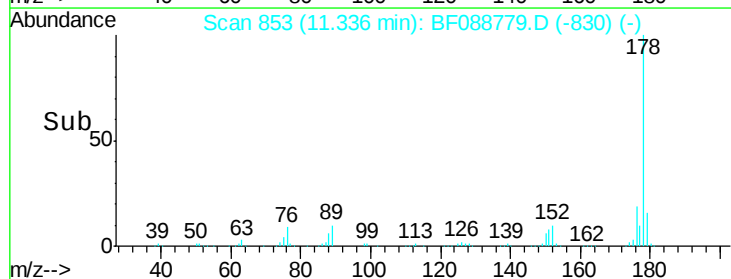
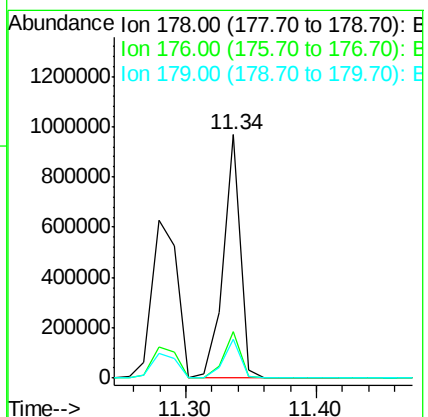
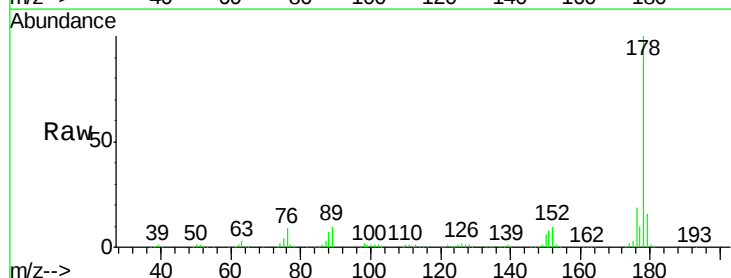
Instrument :
BNA_F
ClientSampleId :
PB91848BS

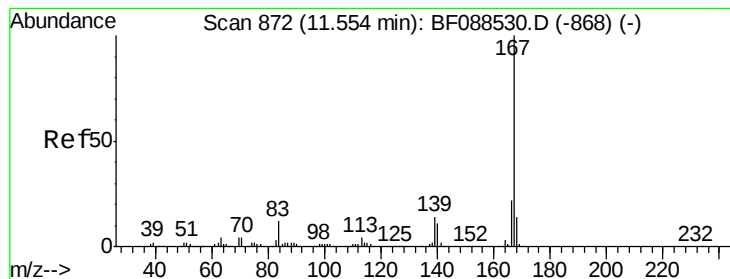
Tgt Ion:178 Resp: 845317
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.0 13.0 19.4



#71
Anthracene
Concen: 42.51 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:178 Resp: 877763
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.8 19.2





#72

Carbazole

Concen: 40.99 ng

RT: 11.49 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

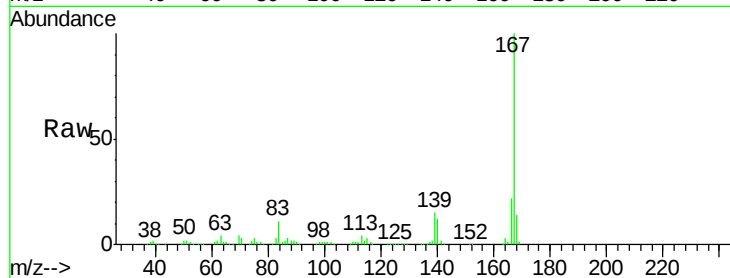
Tgt Ion:167 Resp: 796487

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

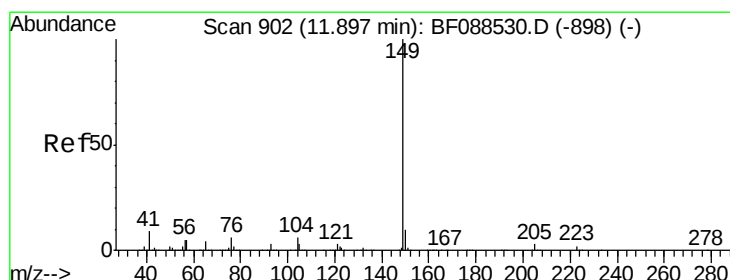
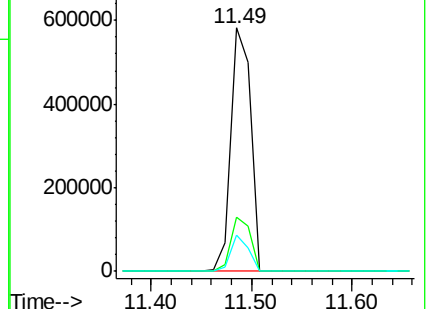
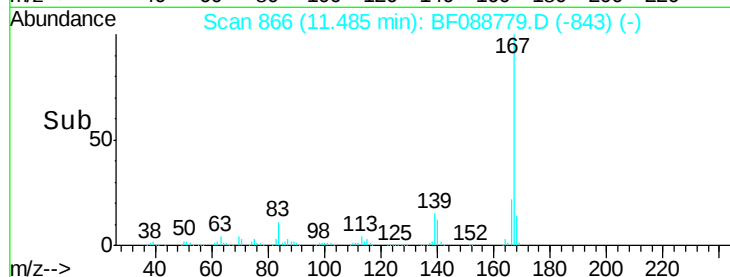
139 15.1 11.2 16.8



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: 42.17 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

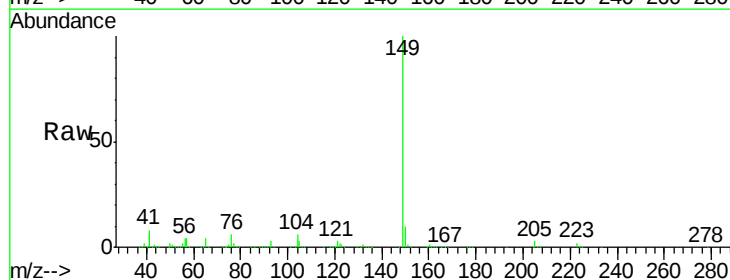
Tgt Ion:149 Resp: 953279

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

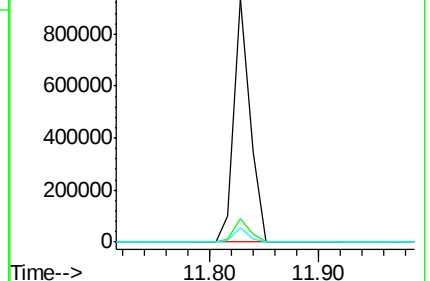
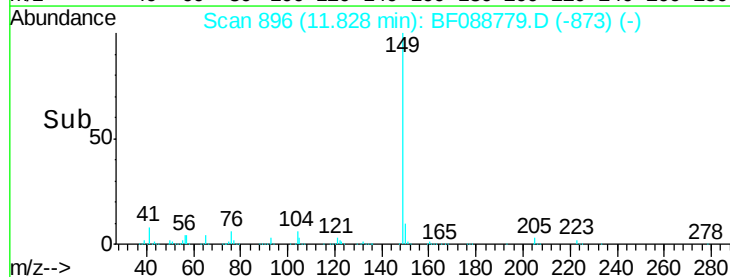
104 6.0 4.0 6.0

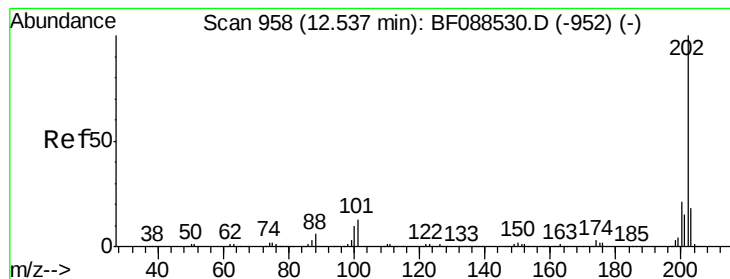


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.29 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

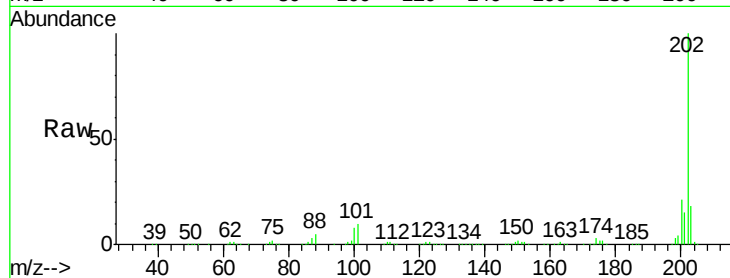
Tgt Ion: 202 Resp: 953402

Ion Ratio Lower Upper

202 100

101 10.0 0.0 33.1

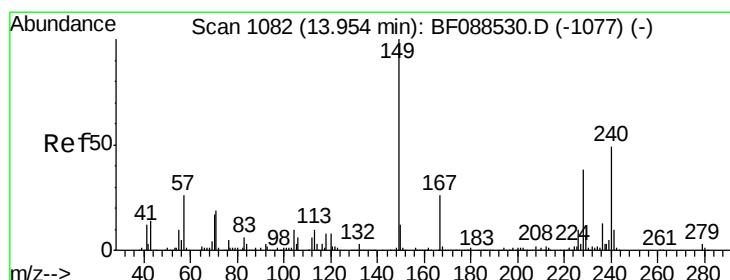
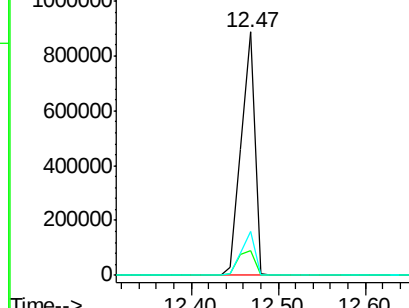
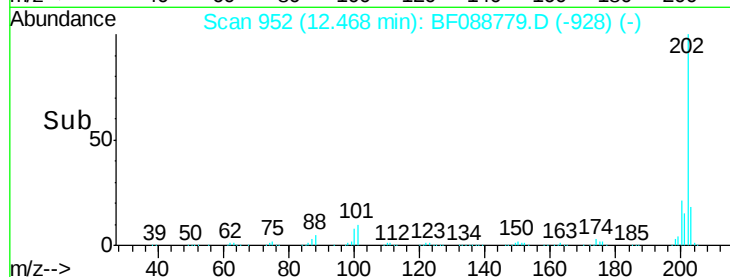
203 17.8 0.0 38.1



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

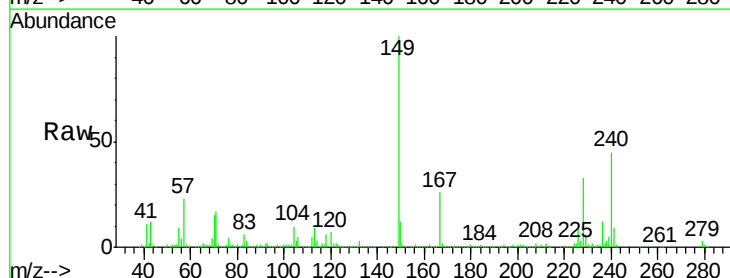
Tgt Ion: 240 Resp: 275218

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

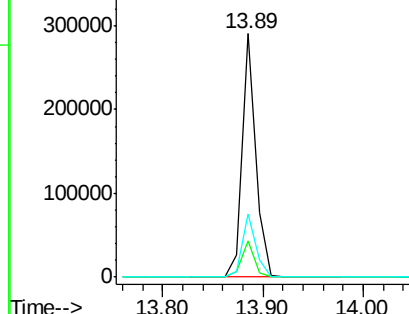
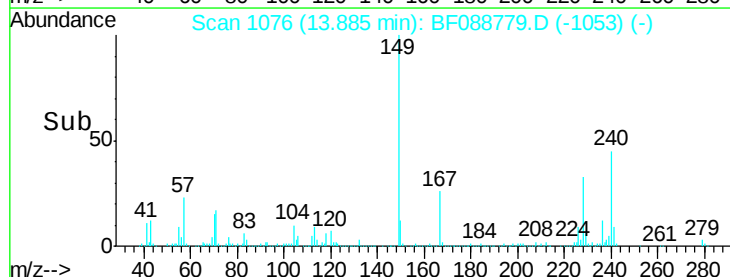
236 25.8 20.2 30.2

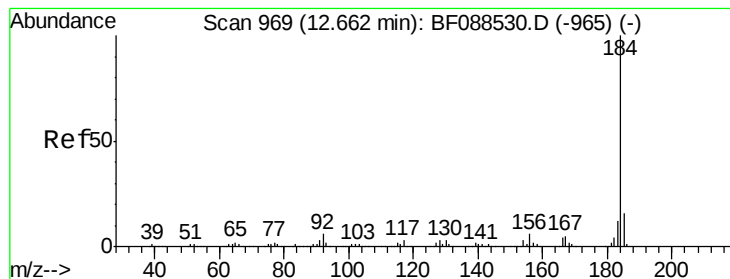


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 39.23 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

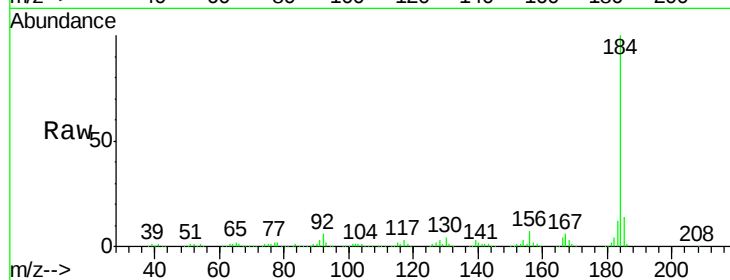
Tgt Ion:184 Resp: 545727

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

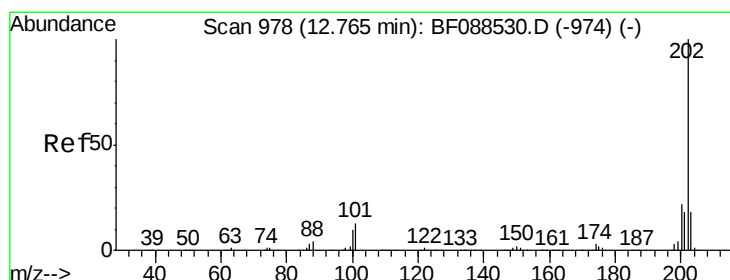
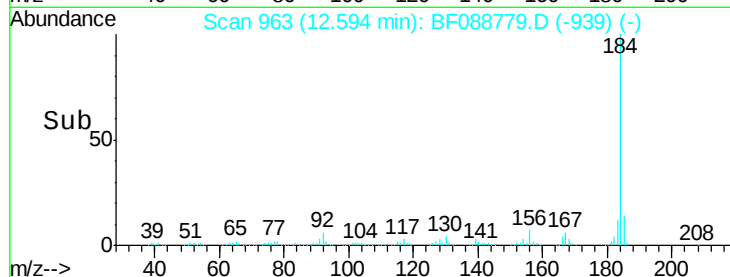
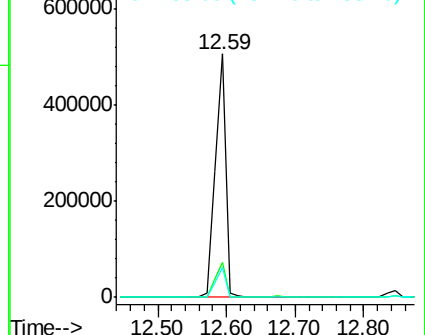
183 12.2 9.3 13.9



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: 40.35 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

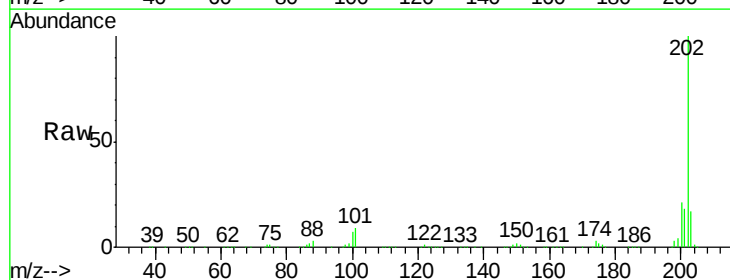
Tgt Ion:202 Resp: 941501

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

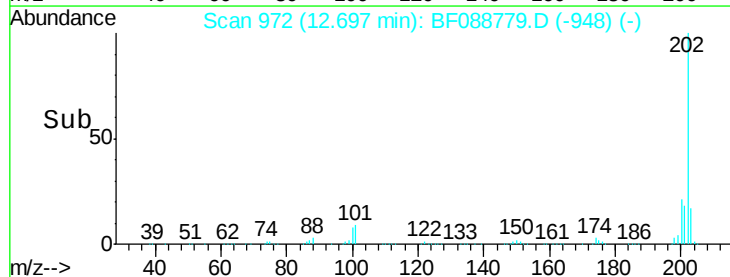
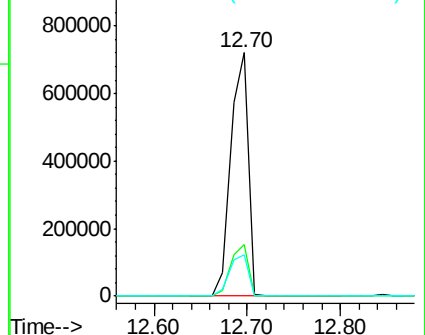
203 17.2 14.5 21.7

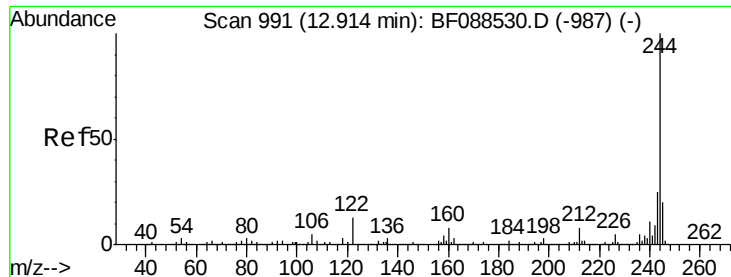


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

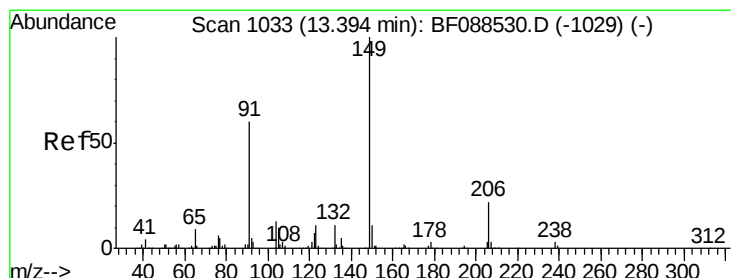
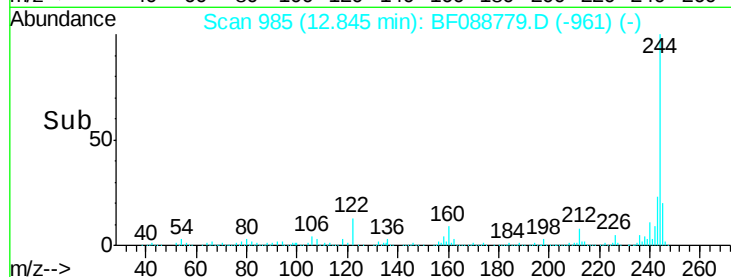
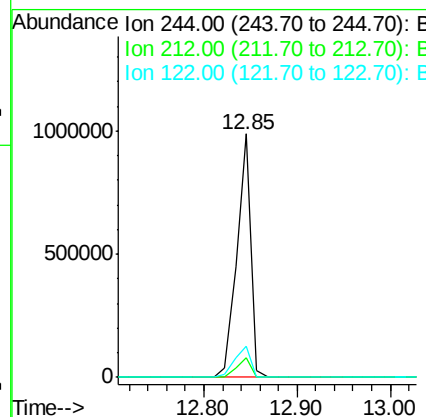
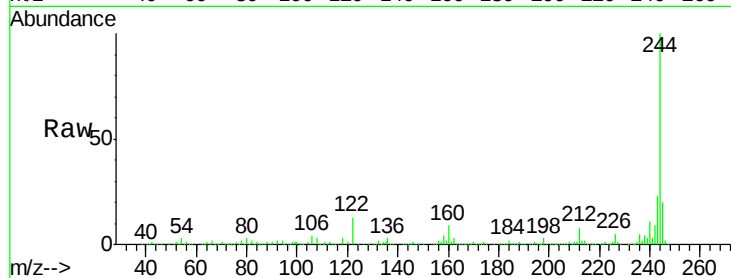




#78
 Terphenyl-d14
 Concen: 83.67 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

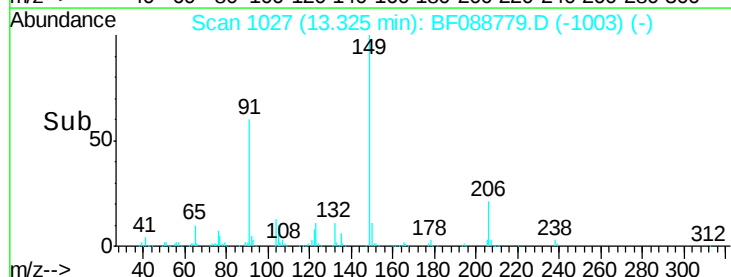
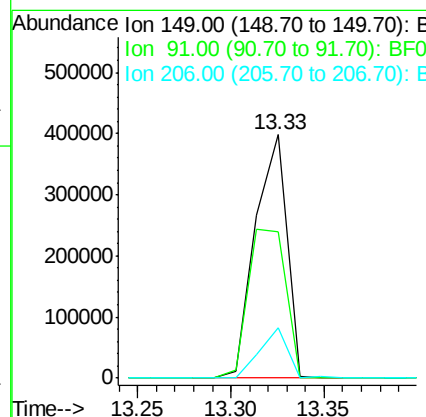
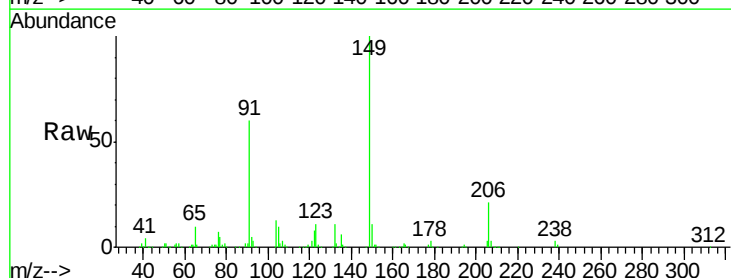
Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

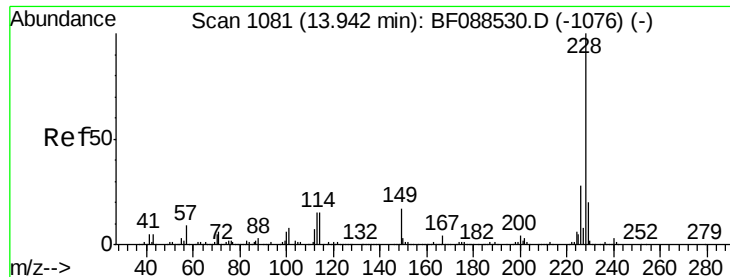
Tgt Ion:244 Resp: 1033864
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.6 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 44.71 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF088779.D
 Acq: 7 Jul 2016 14:45

Tgt Ion:149 Resp: 465374
 Ion Ratio Lower Upper
 149 100
 91 60.3 48.0 72.0
 206 20.9 16.0 24.0





#80

Benzo(a)anthracene

Concen: 42.41 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

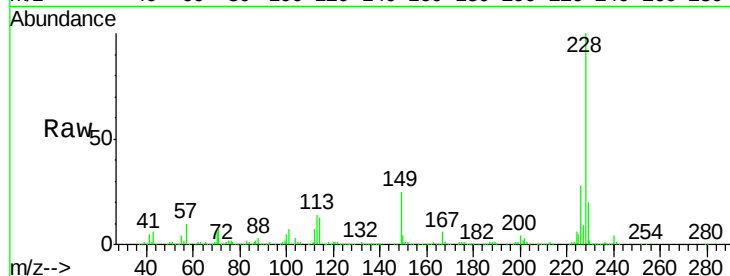
Tgt Ion:228 Resp: 751549

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

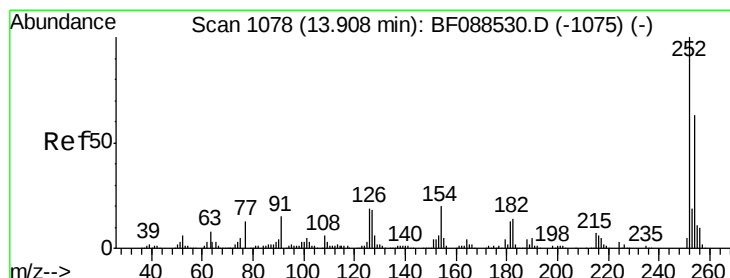
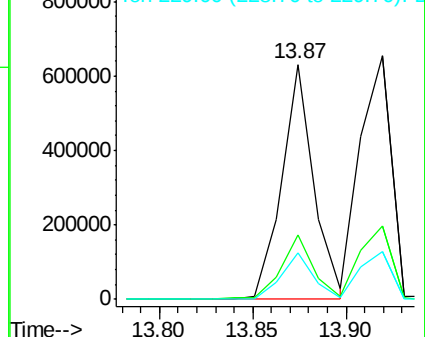
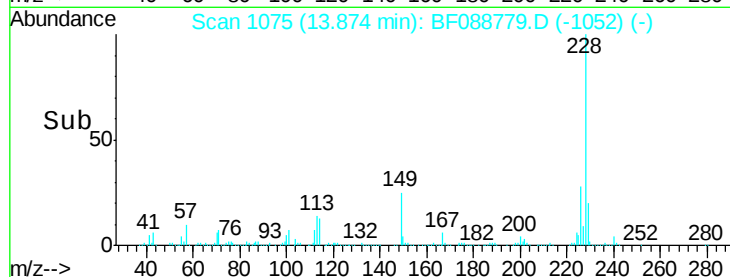
229 19.9 16.0 24.0



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: 25.56 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

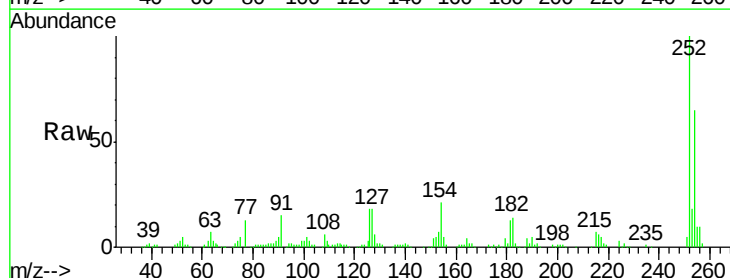
Tgt Ion:252 Resp: 170271

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

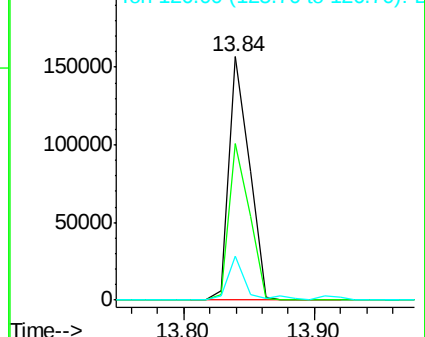
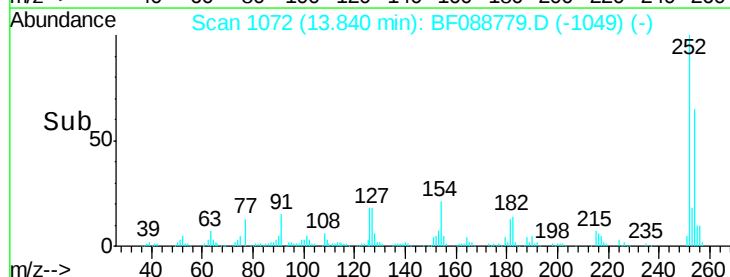
126 17.9 6.2 9.2#

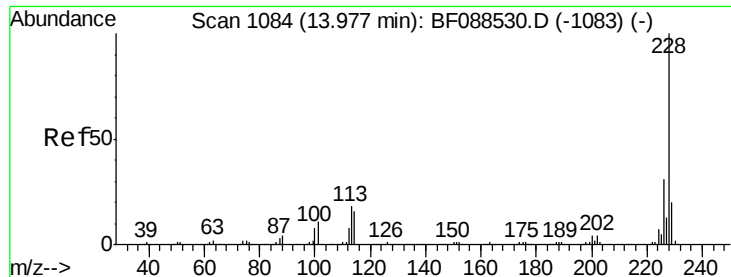


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.64 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

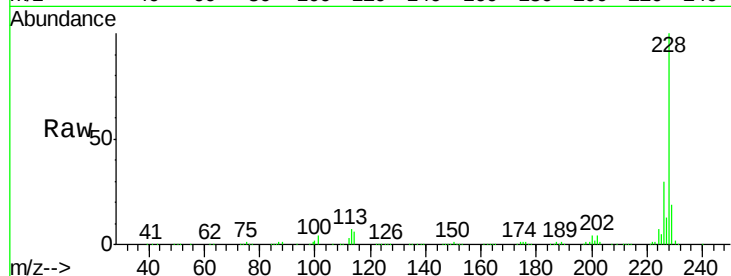
Tgt Ion: 228 Resp: 765137

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

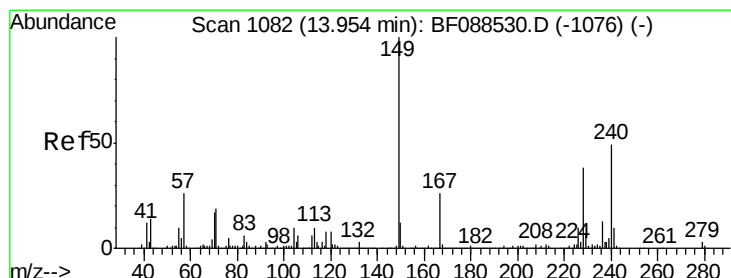
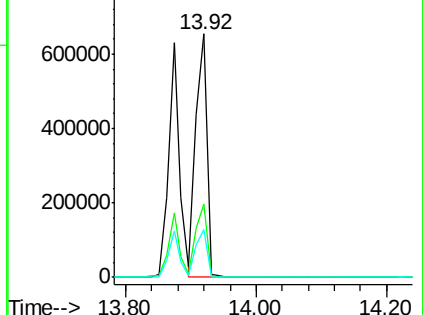
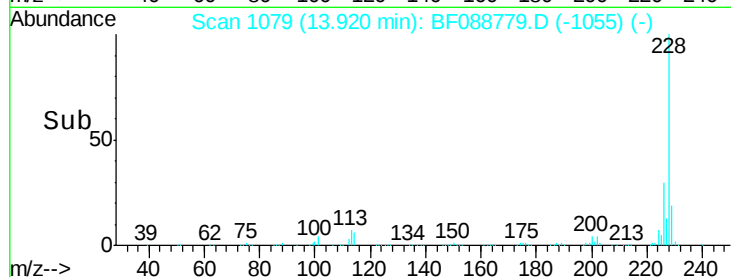
229 19.5 16.3 24.5



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: 48.77 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

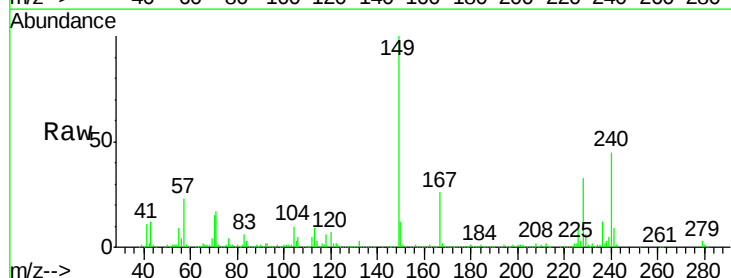
Tgt Ion: 149 Resp: 579571

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

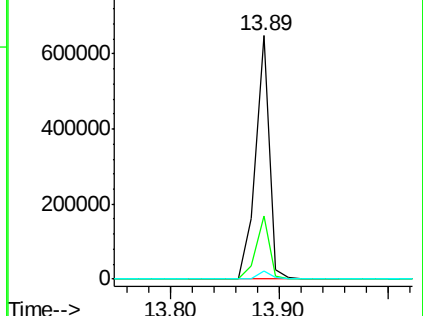
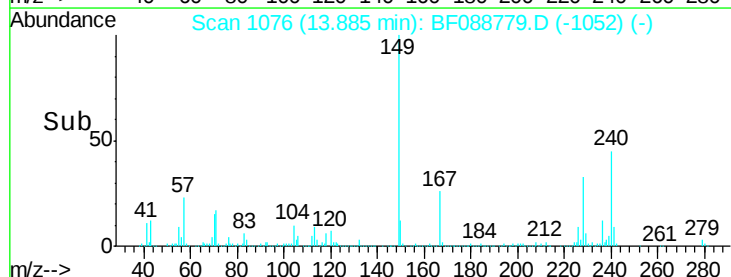
279 3.3 2.0 3.0#

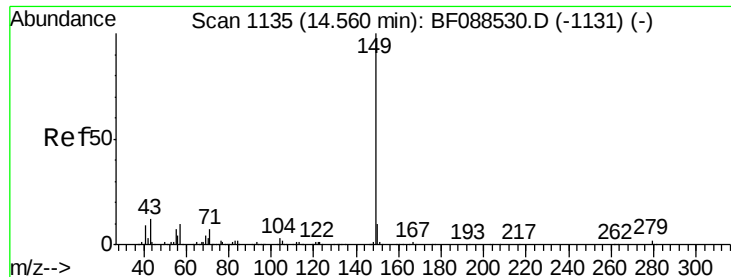


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.69 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

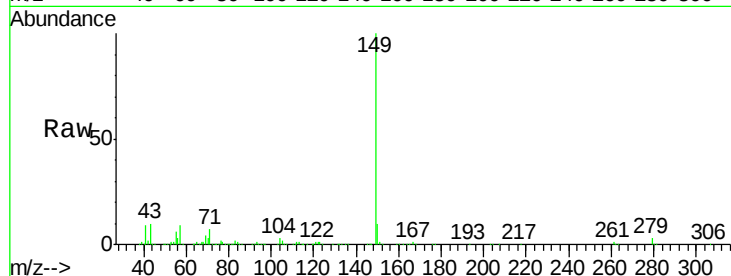
Tgt Ion:149 Resp: 942680

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

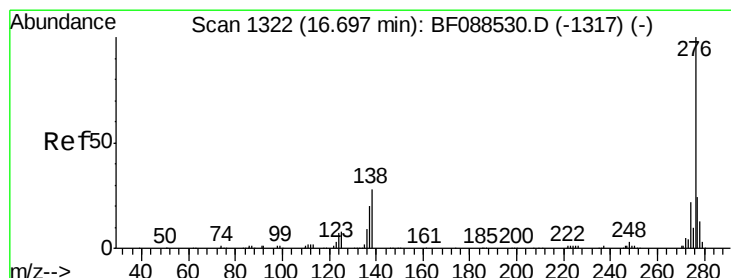
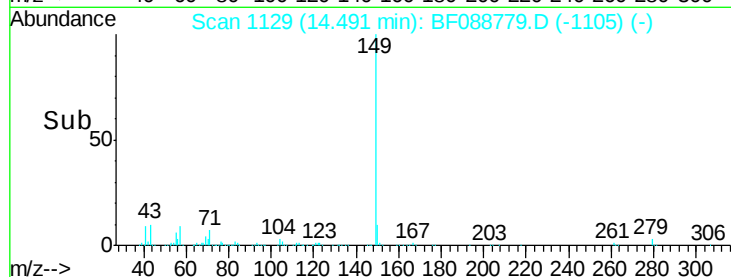
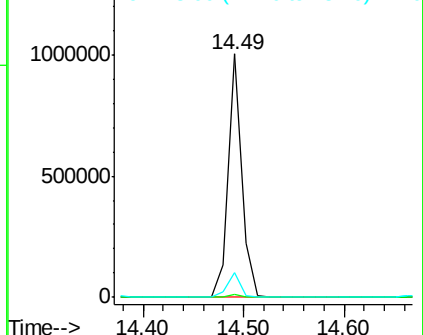
43 9.7 0.0 0.0#



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: 46.27 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.06 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

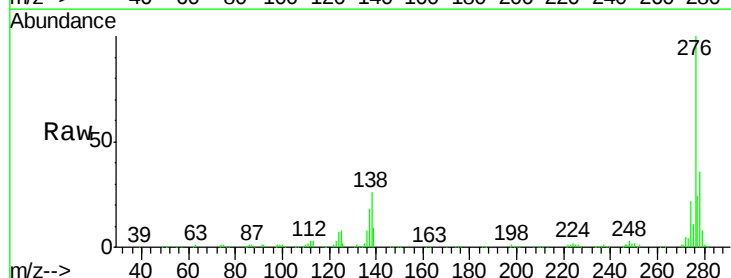
Tgt Ion:276 Resp: 624162

Ion Ratio Lower Upper

276 100

138 27.8 0.0 0.0#

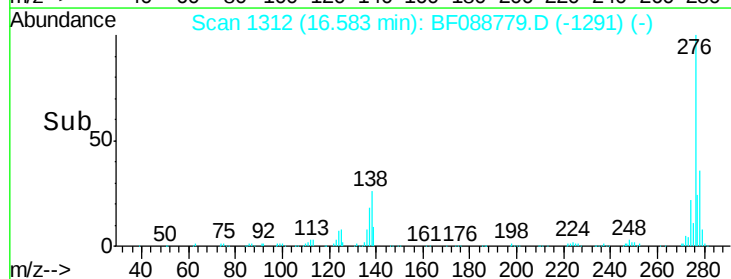
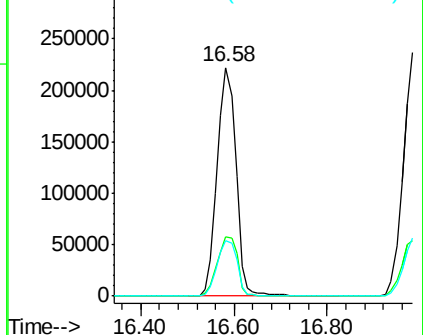
277 25.5 0.0 0.0#

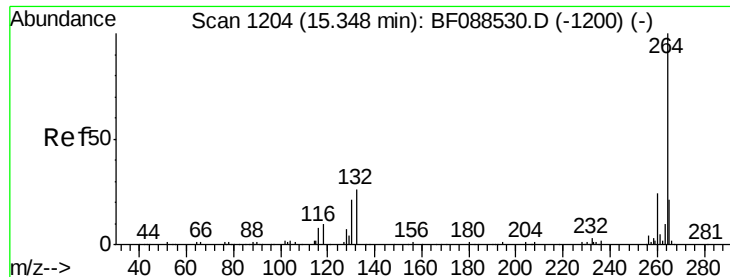


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB91848BS

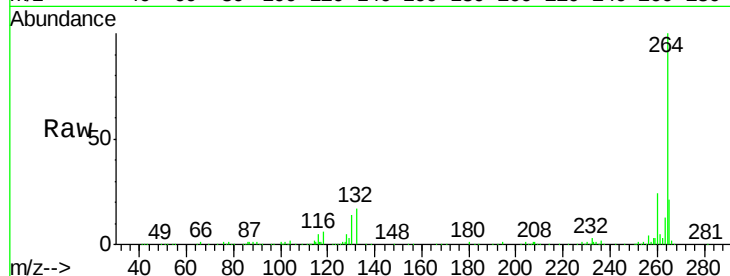
Tgt Ion:264 Resp: 255161

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

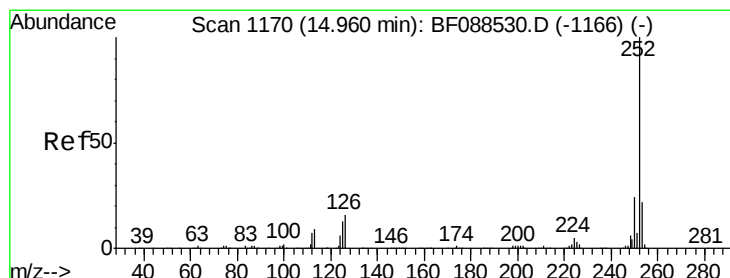
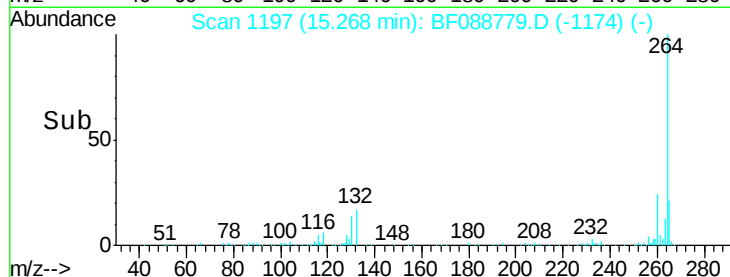
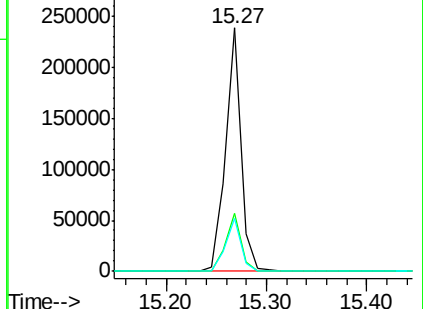
265 21.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 86.29 ng

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF088779.D

Acq: 7 Jul 2016 14:45

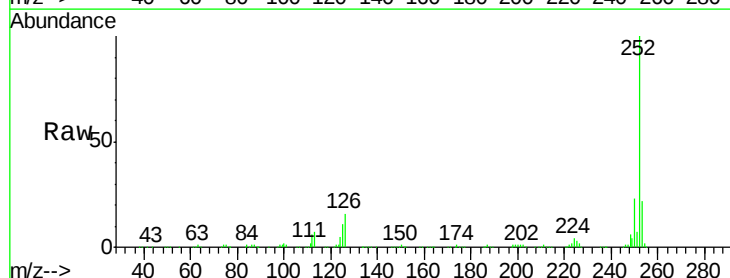
Tgt Ion:252 Resp: 1381136

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

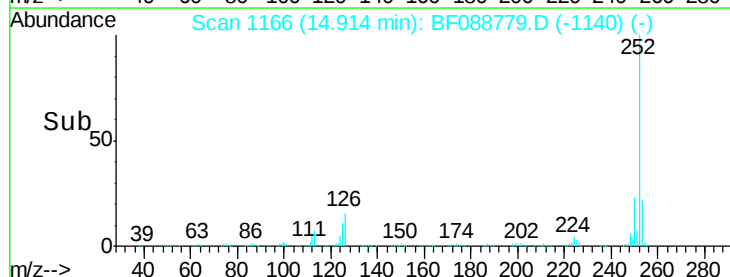
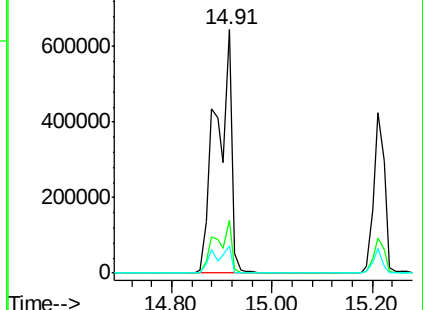
125 11.5 7.1 10.7#

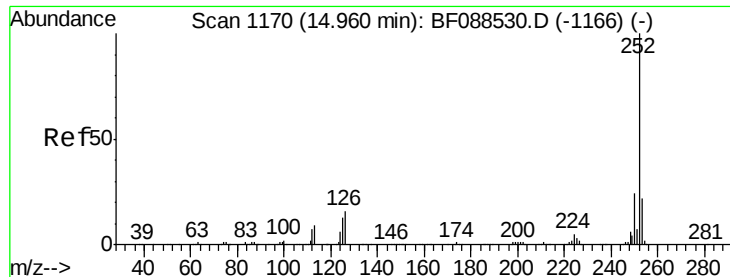


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

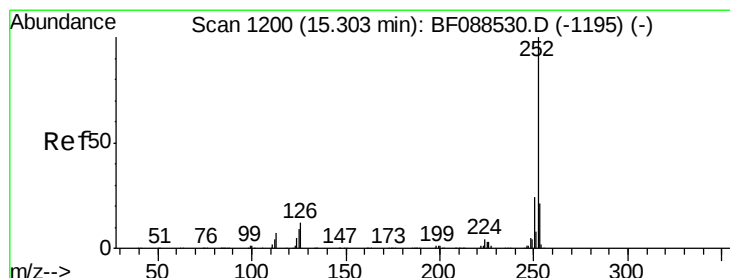
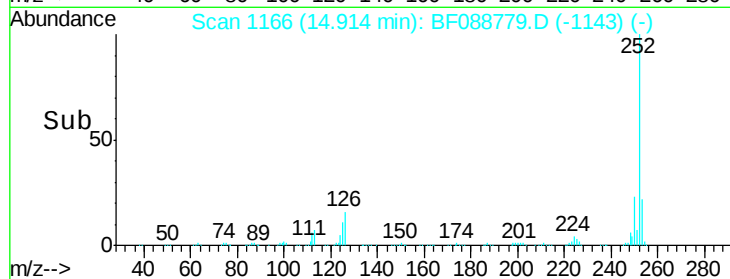
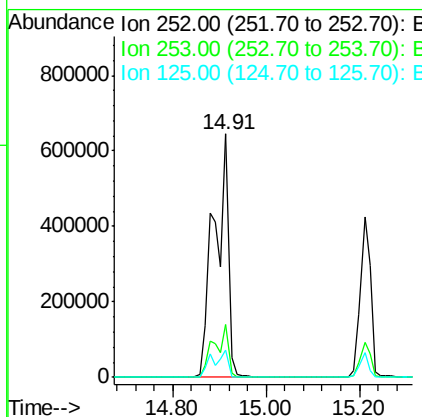
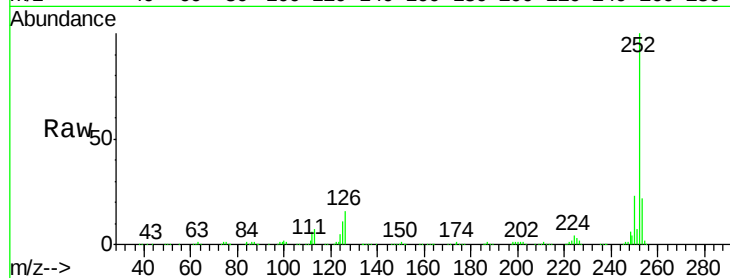




#88
Benzo(k)fluoranthene
Concen: 99.13 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

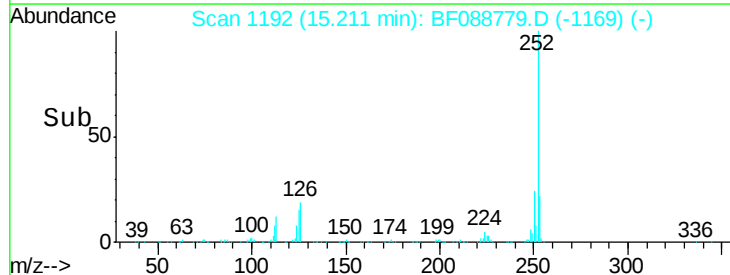
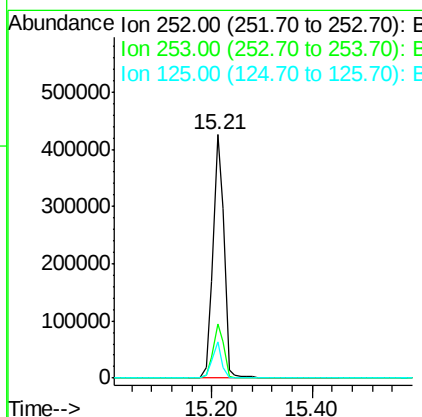
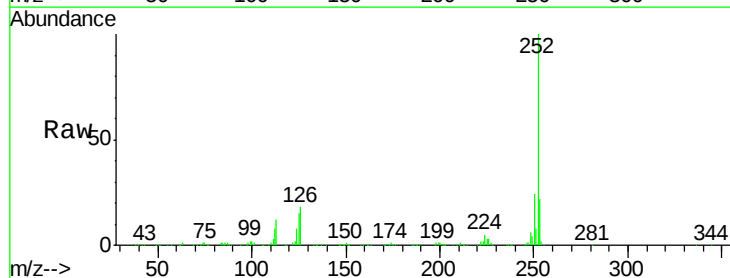
Instrument :
BNA_F
ClientSampleId :
PB91848BS

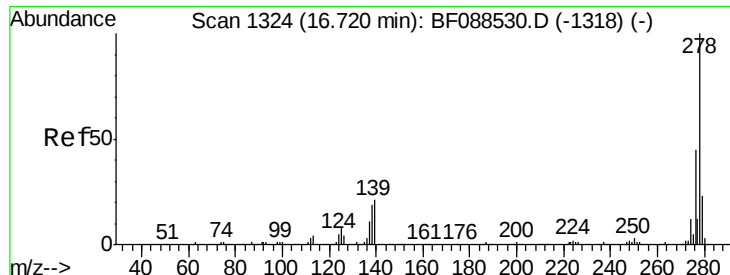
Tgt Ion:252 Resp: 1381329
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.5 11.2 16.8



#89
Benzo(a)pyrene
Concen: 47.90 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:252 Resp: 649186
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.0 12.5 18.7



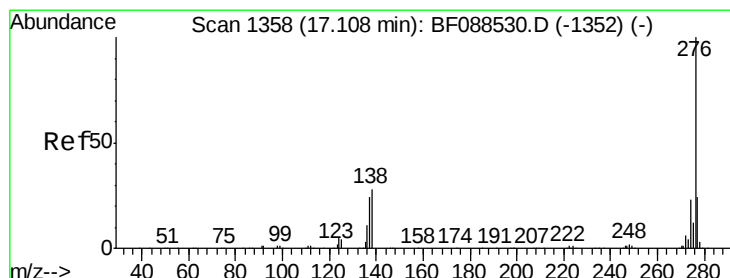
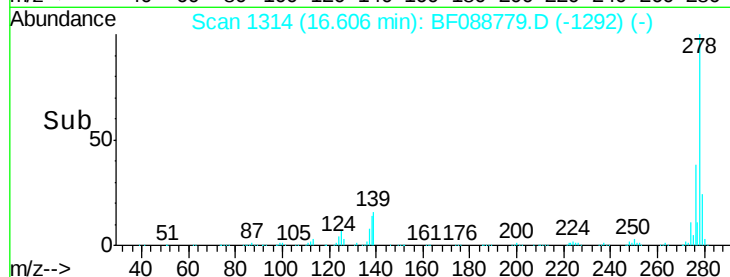
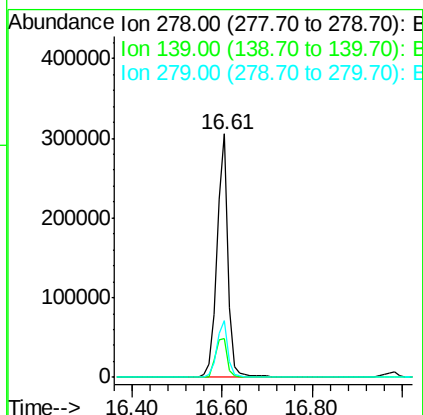
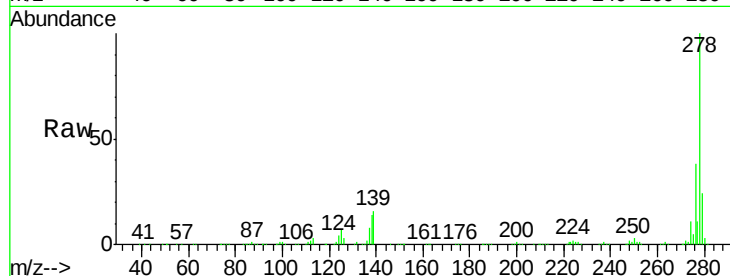


#90
Dibenzo(a,h)anthracene
Concen: 45.98 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tgt Ion:278 Resp: 520337

Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.7	23.5
279	23.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 42.94 ng
RT: 16.98 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF088779.D
Acq: 7 Jul 2016 14:45

Tgt Ion:276 Resp: 502858

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	23.0	21.4	32.2

