

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088874.D
 Acq On : 9 Jul 2016 16:38
 Operator : UM/SJ
 Sample : H3813-07MS 25X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Quant Time: Jul 11 15:35:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	69394	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	264028	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129144	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	263268	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	212765	20.00	ng	-0.02
86) Perylene-d12	15.22	264	148272	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	18119	3.91	ng	-0.03
7) Phenol-d6	6.34	99	25274	4.22	ng	-0.03
23) Nitrobenzene-d5	7.28	82	15942	3.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5168	4.31	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	32255	3.95	ng	-0.02
78) Terphenyl-d14	12.81	244	33654	3.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	2188	0.95	ng	# 31
3) Pyridine	2.97	79	1404	0.21	ng	# 80
4) n-Nitrosodimethylamine	2.86	42	818	0.32	ng	# 82
6) Aniline	6.38	93	2531	0.29	ng	97
8) 2-Chlorophenol	6.49	128	3312	0.67	ng	92
9) Benzaldehyde	6.25	77	2337	0.58	ng	# 72
10) Phenol	6.36	94	4347	0.64	ng	75
11) bis(2-Chloroethyl)ether	6.44	93	3369	0.66	ng	87
12) 1,3-Dichlorobenzene	6.65	146	3672	0.67	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	3548	0.65	ng	93
14) 1,2-Dichlorobenzene	6.89	146	3509	0.69	ng	# 94
15) Benzyl Alcohol	6.86	79	3101	0.70	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4116	0.56	ng	86
17) 2-Methylphenol	6.98	107	2614	0.64	ng	92
18) Hexachloroethane	7.23	117	1394	0.66	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	2637	0.66	ng	# 87
20) 3+4-Methylphenols	7.13	107	4150	0.85	ng	# 86
22) Acetophenone	7.13	105	5046	0.79	ng	# 92
24) Nitrobenzene	7.29	77	3527	0.69	ng	# 79
25) Isophorone	7.54	82	6635	0.71	ng	93
26) 2-Nitrophenol	7.62	139	1411	0.68	ng	# 82
27) 2,4-Dimethylphenol	7.67	122	2599	0.60	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	5131	0.84	ng	# 92
29) 2,4-Dichlorophenol	7.86	162	2315	0.66	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	2908	0.76	ng	98
31) Naphthalene	8.02	128	11381	0.87	ng	99
33) 4-Chloroaniline	8.08	127	2707	0.47	ng	# 93
34) Hexachlorobutadiene	8.15	225	1710	0.83	ng	97
35) Caprolactam	8.39	113	593	0.50	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	3133	0.76	ng	95
37) 2-Methylnaphthalene	8.72	142	6635	0.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3192	0.74	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	1299	0.62	ng	85
42) 2,4,6-Trichlorophenol	8.99	196	1734	0.61	ng	96

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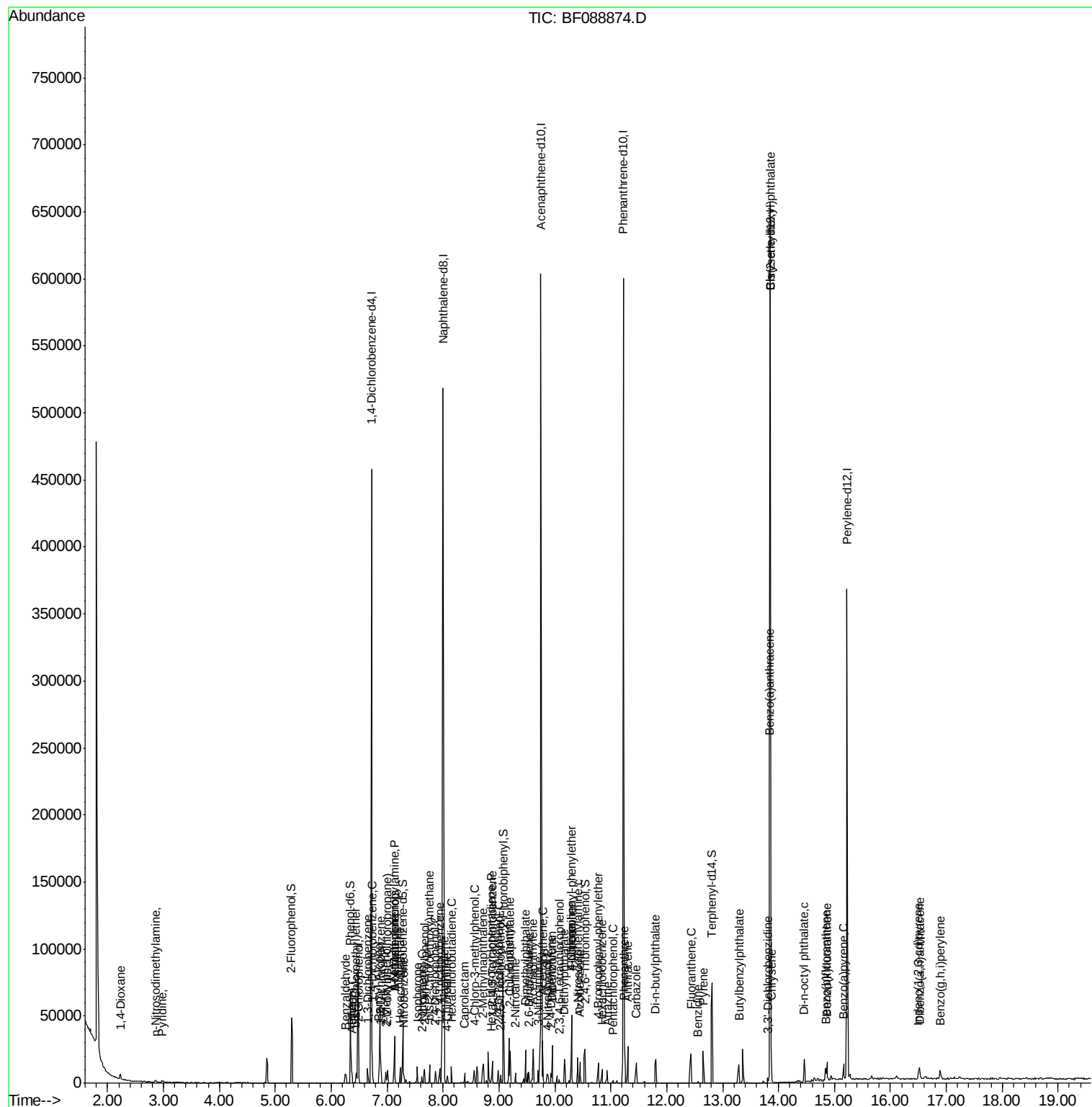
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1462	0.60	nq	# 76
45) 1,1'-Biphenyl	9.18	154	9544	0.89	nq	98
46) 2-Chloronaphthalene	9.20	162	7373	0.88	nq	95
47) 2-Nitroaniline	9.29	65	1861	0.62	nq	89
48) Acenaphthylene	9.61	152	11235	0.84	nq	96
49) Dimethylphthalate	9.47	163	10214	1.11	nq	100
50) 2,6-Dinitrotoluene	9.53	165	1455	0.71	nq	# 12
51) Acenaphthene	9.78	154	7386	0.90	nq	99
52) 3-Nitroaniline	9.70	138	1427	0.55	nq	# 93
54) Dibenzofuran	9.95	168	10994	1.03	nq	# 91
55) 4-Nitrophenol	9.87	139	2161	1.10	nq	86
56) 2,4-Dinitrotoluene	9.93	165	1736	0.65	nq	# 16
57) Fluorene	10.30	166	8357	1.01	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1008	0.53	nq	# 60
59) Diethylphthalate	10.17	149	7961	0.86	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	3709	0.97	nq	89
61) 4-Nitroaniline	10.30	138	1482	0.59	nq	# 77
62) Azobenzene	10.44	77	8080	0.77	nq	90
65) n-Nitrosodiphenylamine	10.41	169	6839	0.77	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	2043	0.77	nq	# 70
67) Hexachlorobenzene	10.84	284	2222	0.76	nq	# 81
68) Atrazine	10.94	200	2055	0.74	nq	98
69) Pentachlorophenol	11.04	266	561	0.32	nq	92
70) Phenanthrene	11.24	178	11935	0.83	nq	98
71) Anthracene	11.30	178	12156	0.85	nq	97
72) Carbazole	11.45	167	10632	0.79	nq	98
73) Di-n-butylphthalate	11.80	149	15027	0.96	nq	97
74) Fluoranthene	12.43	202	12517	0.86	nq	95
76) Benzidine	12.56	184	972	0.09	nq	# 66
77) Pyrene	12.65	202	12359	0.69	nq	97
79) Butylbenzylphthalate	13.29	149	5093	0.63	nq	98
80) Benzo(a)anthracene	13.84	228	10725	0.78	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	1844	0.36	nq	# 91
82) Chrysene	13.87	228	8890	0.66	nq	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8053	0.88	nq	# 98
84) Di-n-octyl phthalate	14.46	149	9403	0.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	6141	0.59	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	7529m	0.81	nq	
88) Benzo(k)fluoranthene	14.87	252	5247m	0.65	nq	
89) Benzo(a)pyrene	15.17	252	5626	0.71	nq	# 96
90) Dibenzo(a,h)anthracene	16.53	278	5148	0.78	nq	97
91) Benzo(g,h,i)perylene	16.89	276	5294	0.78	nq	97

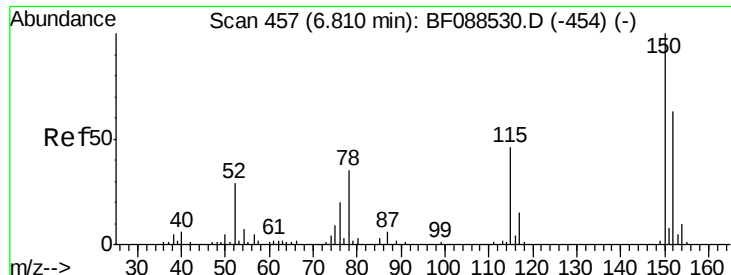
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

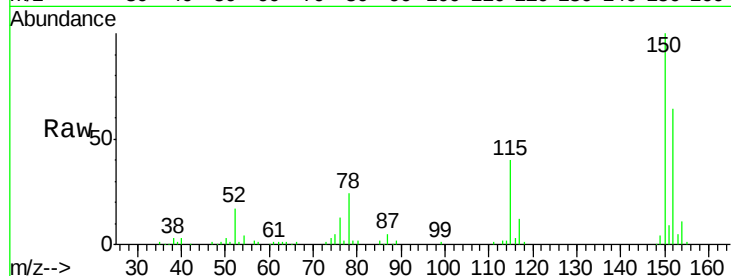
Tot Ion:152 Resp: 69394

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

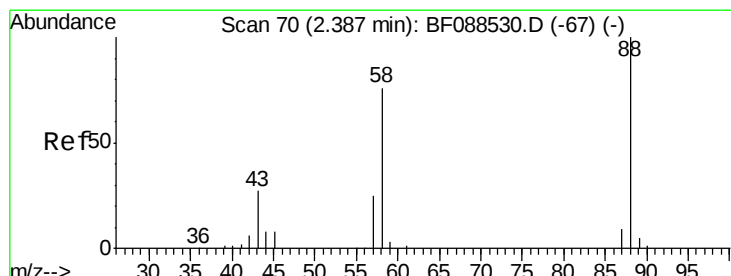
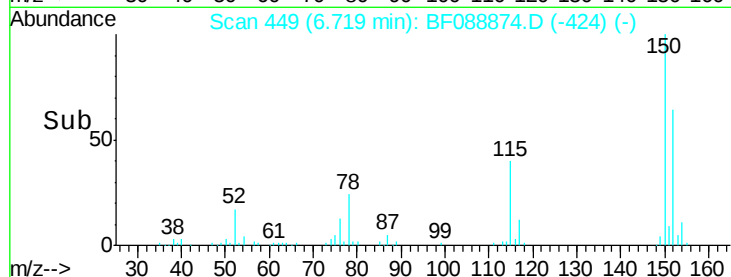
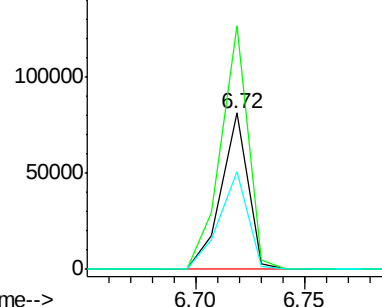
115 62.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

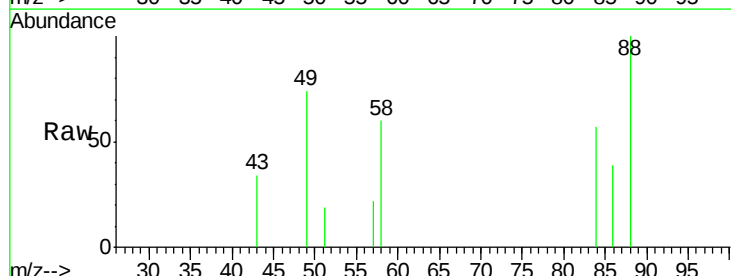
Tgt Ion: 88 Resp: 2188

Ion Ratio Lower Upper

88 100

58 52.6 0.0 0.0#

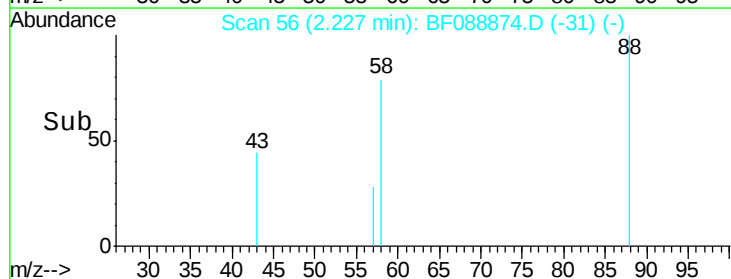
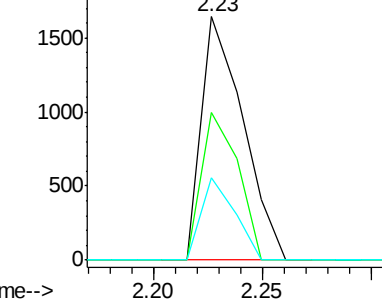
43 26.9 3.4 5.2#

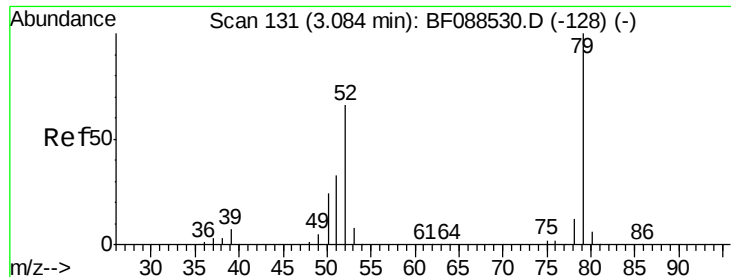


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.21 ng

RT: 2.97 min Scan# 121

Delta R.T. 0.07 min

Lab File: BF088874.D

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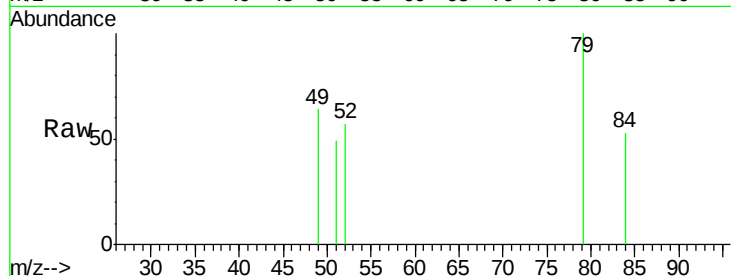
Tot Ion: 79 Resp: 1404

Ion Ratio Lower Upper

79 100

52 56.8 56.3 84.5

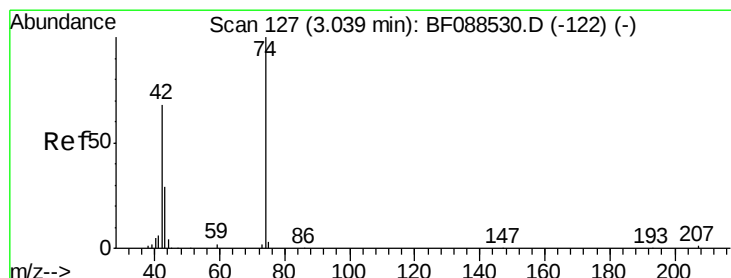
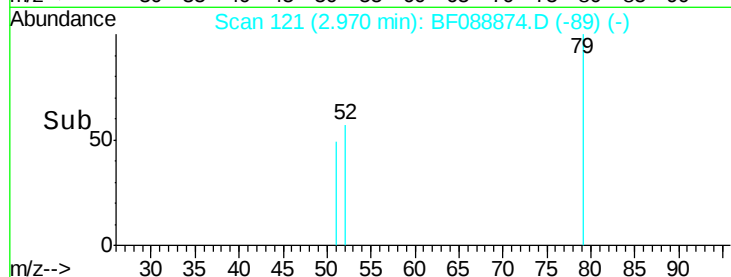
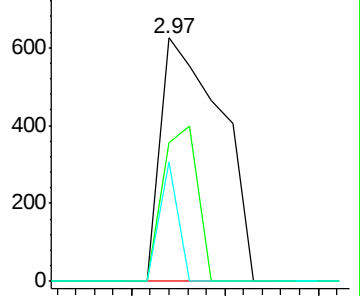
51 49.3 27.4 41.2#



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: 0.32 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

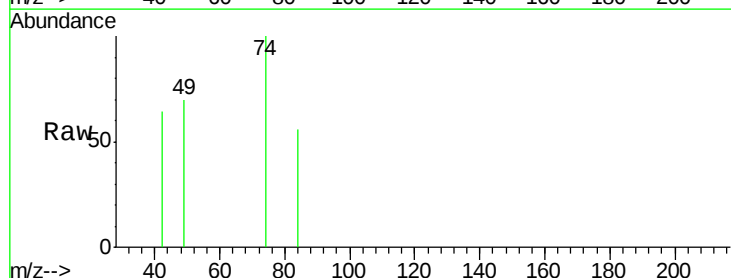
Tgt Ion: 42 Resp: 818

Ion Ratio Lower Upper

42 100

74 157.0 108.6 163.0

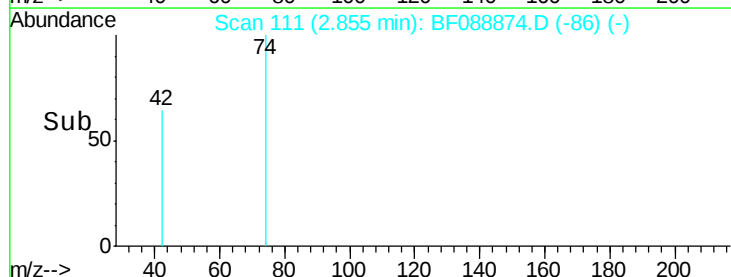
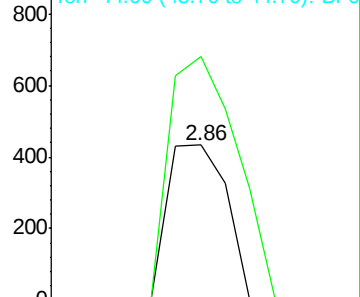
44 0.0 5.5 8.3#

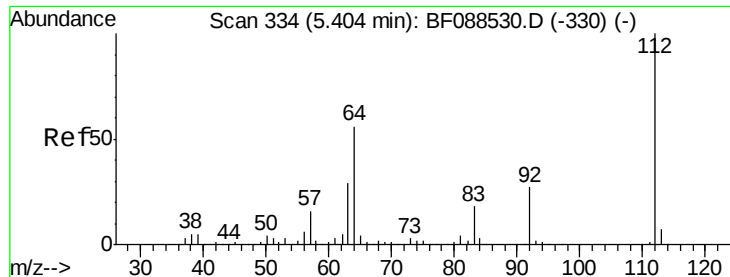


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 3.91 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

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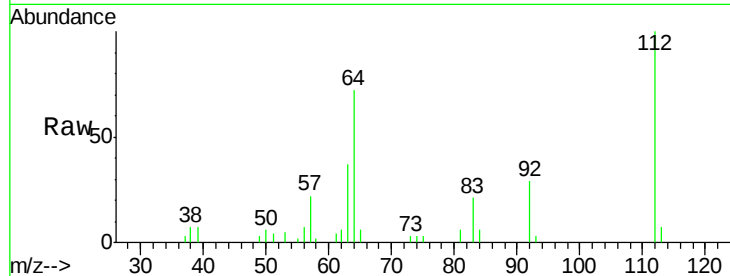
Tot Ion: 112 Resp: 18119

Ion Ratio Lower Upper

112 100

64 72.2 42.2 63.2#

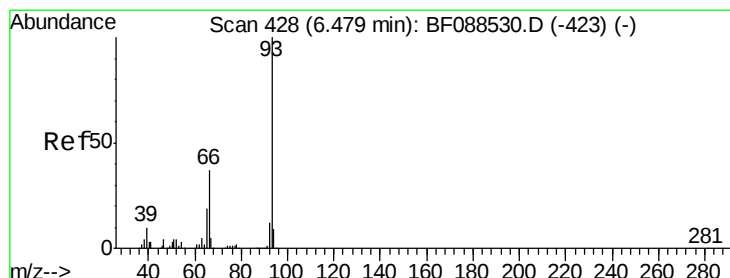
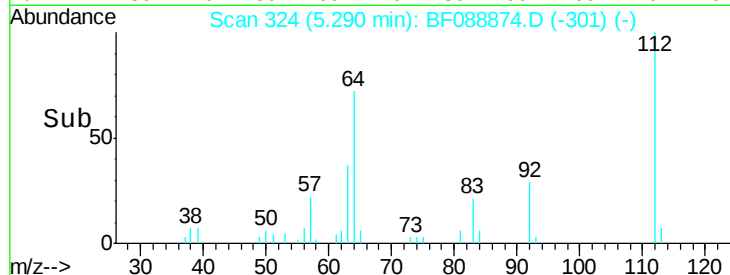
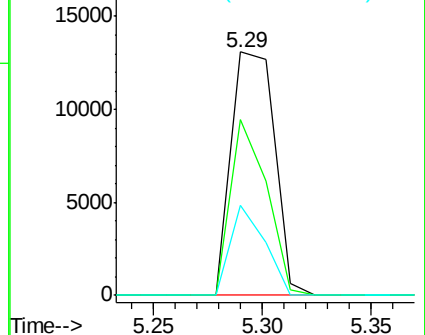
63 36.7 21.8 32.8#



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: 0.29 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

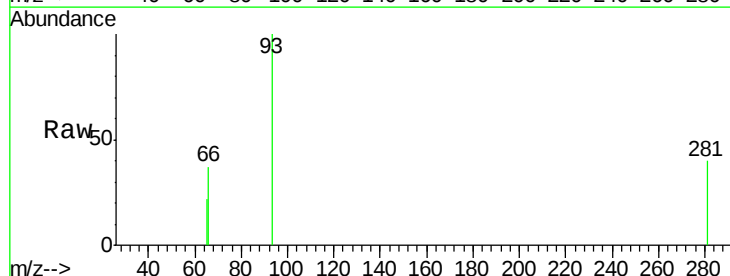
Tgt Ion: 93 Resp: 2531

Ion Ratio Lower Upper

93 100

66 37.0 29.8 44.8

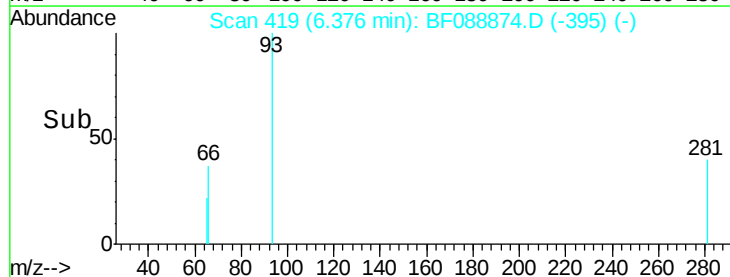
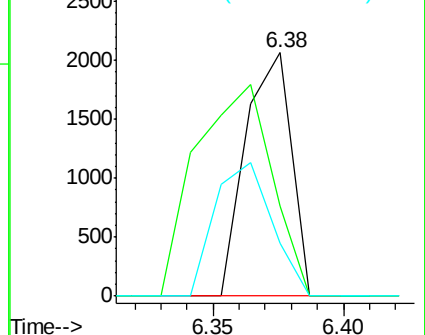
65 21.9 14.9 22.3

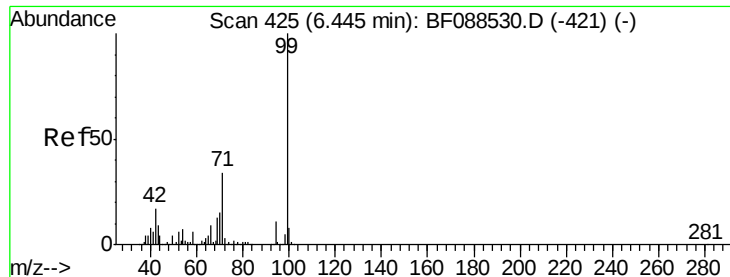


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.22 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088874.D

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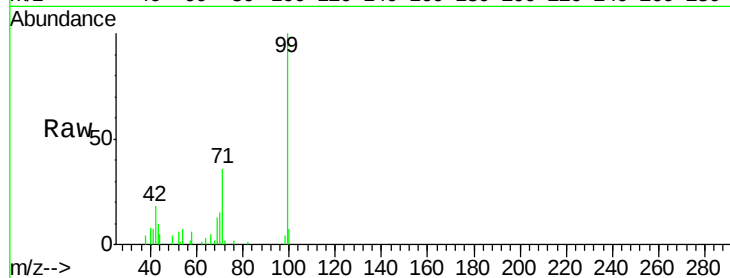
Tot Ion: 99 Resp: 25274

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

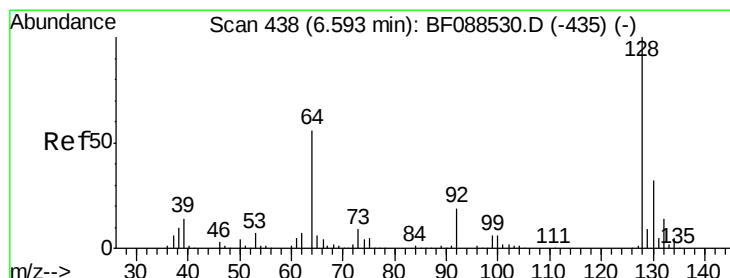
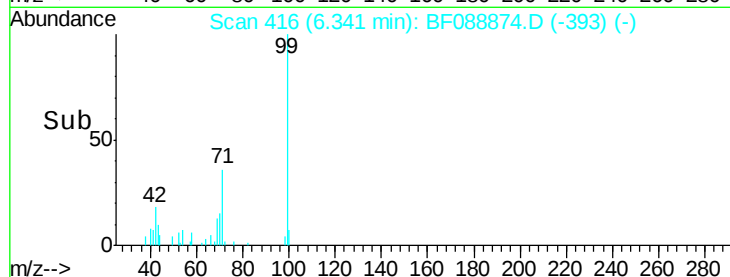
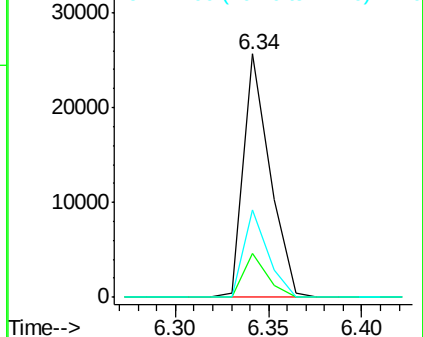
71 35.9 23.4 35.0#



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: 0.67 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

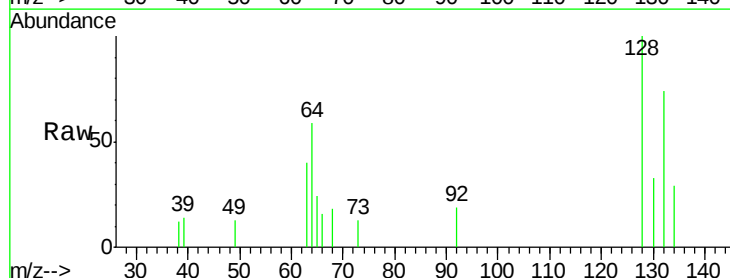
Tgt Ion: 128 Resp: 3312

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

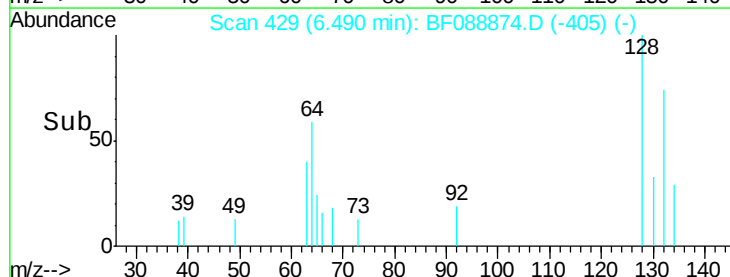
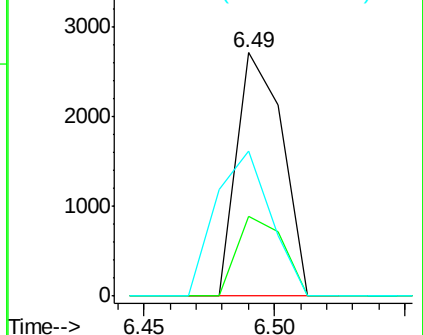
64 59.5 30.8 70.8

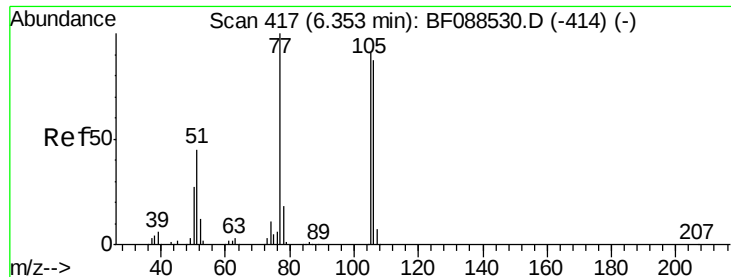


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.58 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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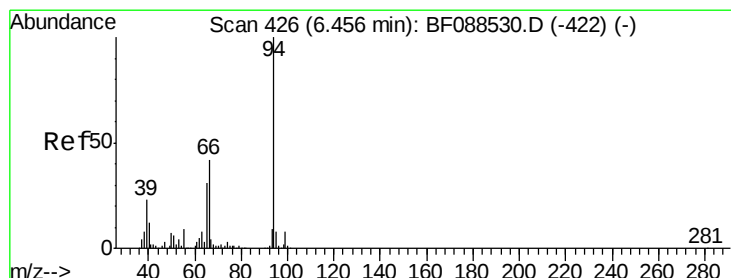
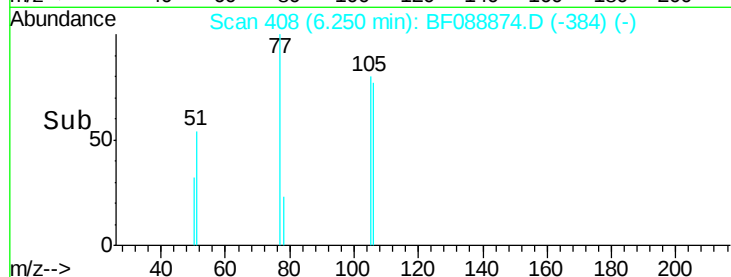
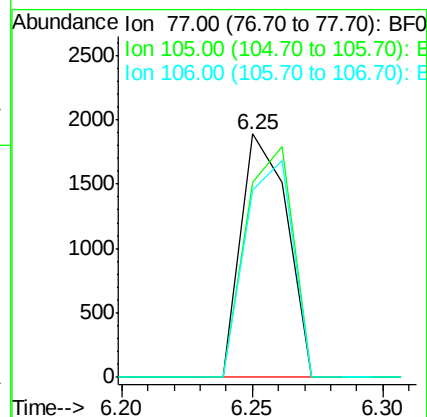
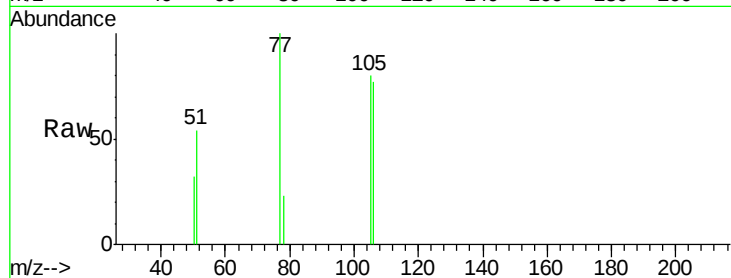
Tot Ion: 77 Resp: 2337

Ion Ratio Lower Upper

77 100

105 80.3 90.6 130.6#

106 77.0 85.3 125.3#



#10

Phenol

Concen: 0.64 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

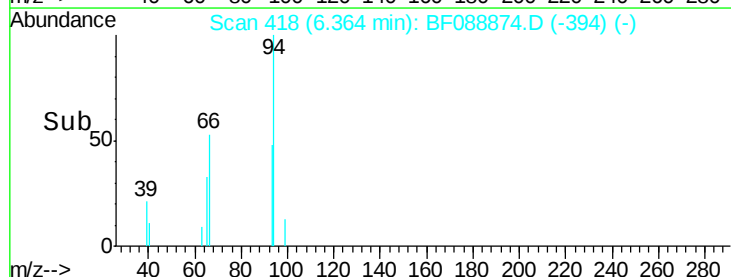
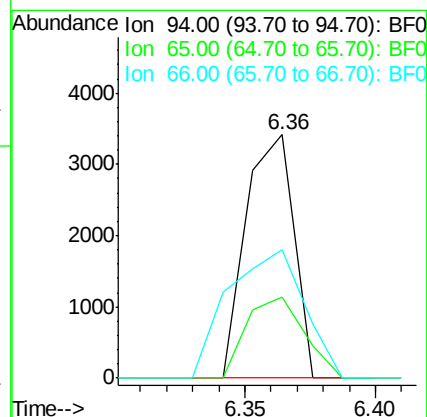
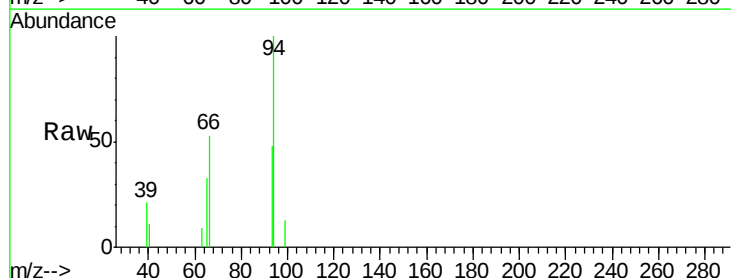
Tgt Ion: 94 Resp: 4347

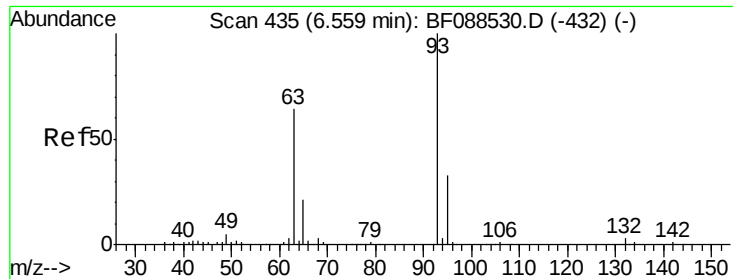
Ion Ratio Lower Upper

94 100

65 33.2 5.9 45.9

66 52.6 14.0 54.0

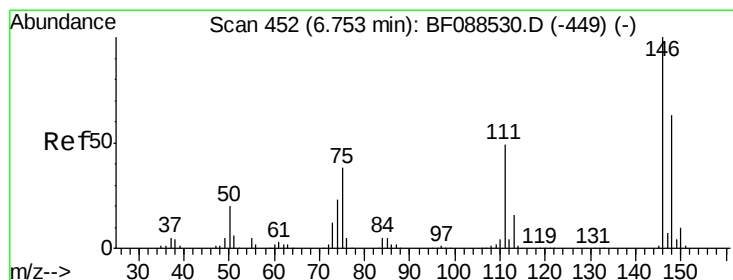
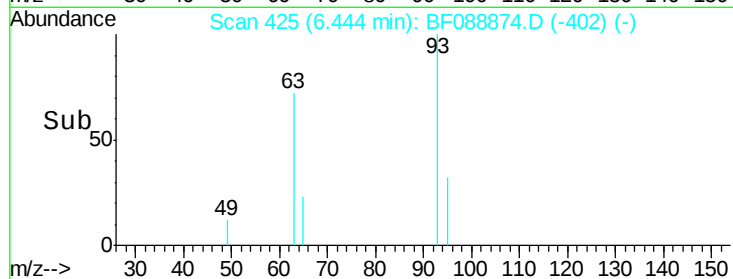
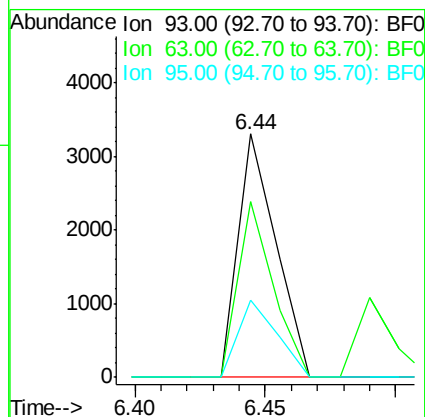
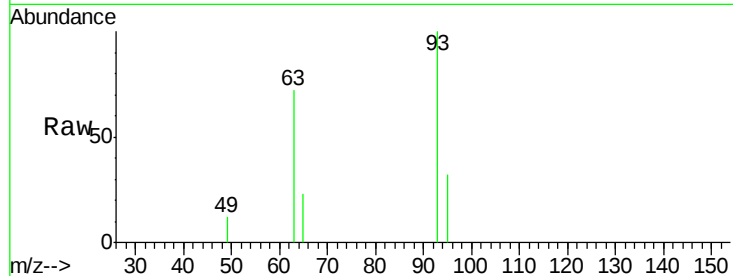




#11
bis(2-Chloroethyl)ether
Concen: 0.66 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

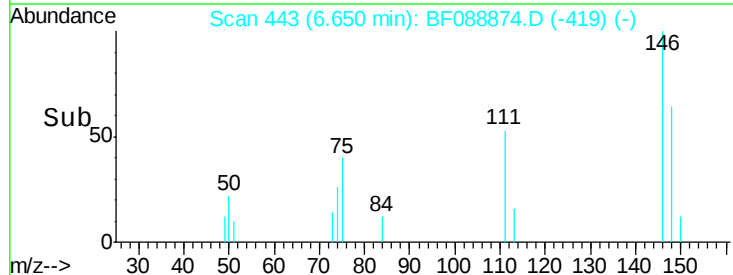
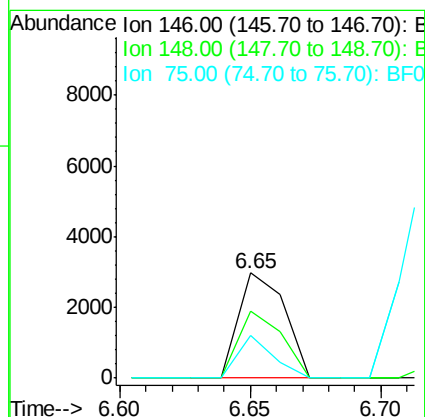
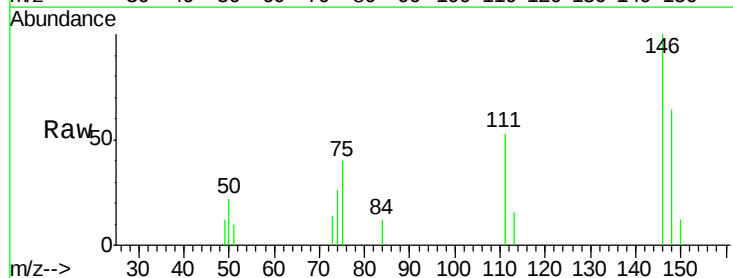
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

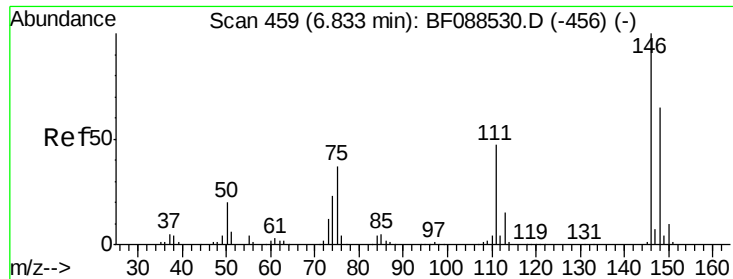
Tot Ion: 93 Resp: 3369
Ion Ratio Lower Upper
93 100
63 72.0 67.6 107.6
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 0.67 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion: 146 Resp: 3672
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 40.3 25.6 38.4#

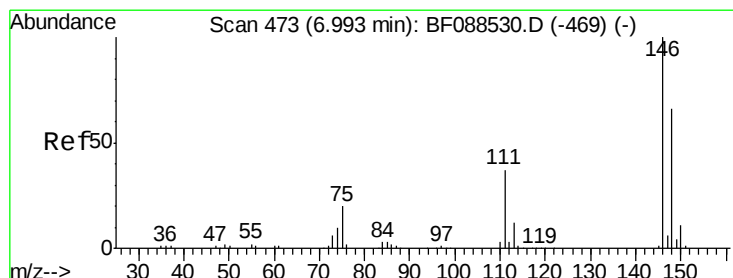
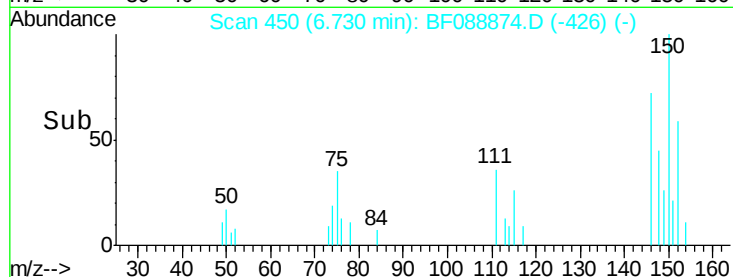
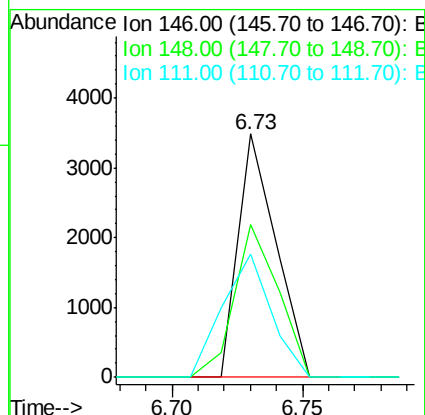
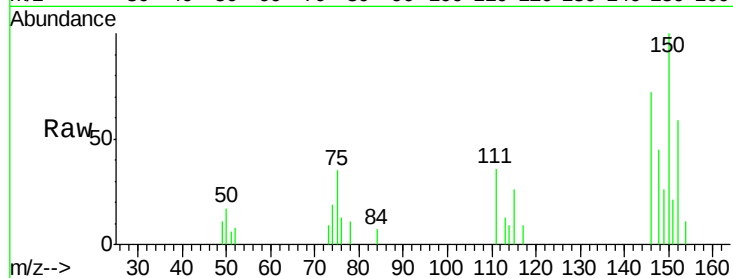




#13
 1,4-Dichlorobenzene
 Concen: 0.65 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

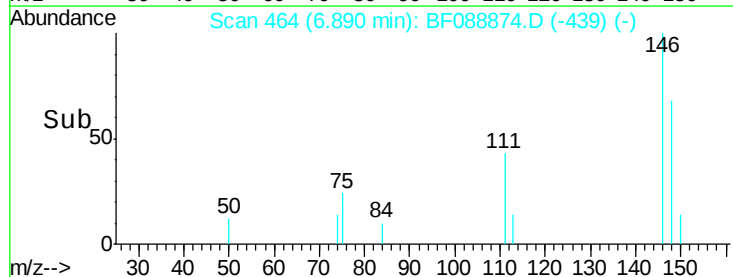
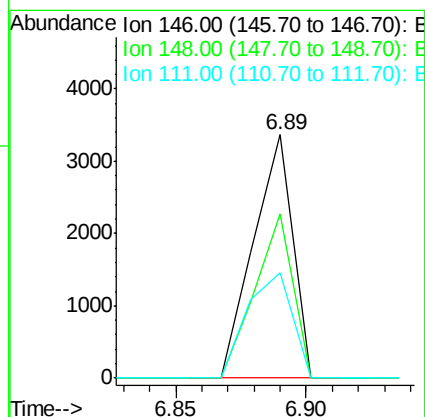
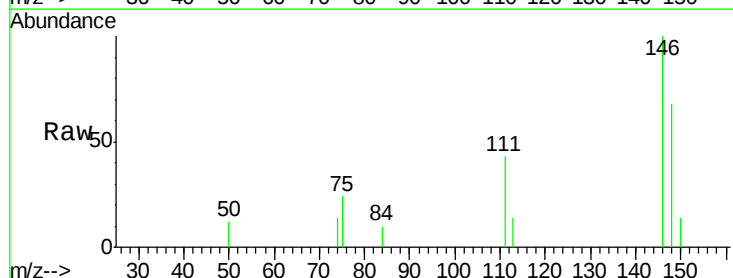
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

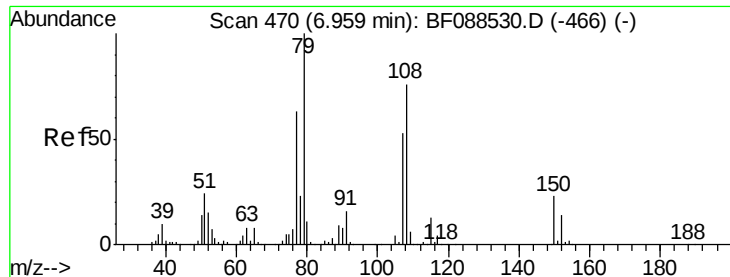
Tot Ion:146 Resp: 3548
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.0 78.0
 111 50.6 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 0.69 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:146 Resp: 3509
 Ion Ratio Lower Upper
 146 100
 148 67.5 52.3 78.5
 111 43.4 28.7 43.1#





#15

Benzyl Alcohol

Concen: 0.70 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

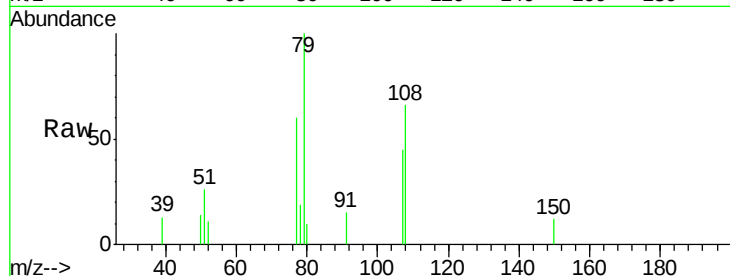
Tot Ion: 79 Resp: 3101

Ion Ratio Lower Upper

79 100

108 66.1 65.0 97.6

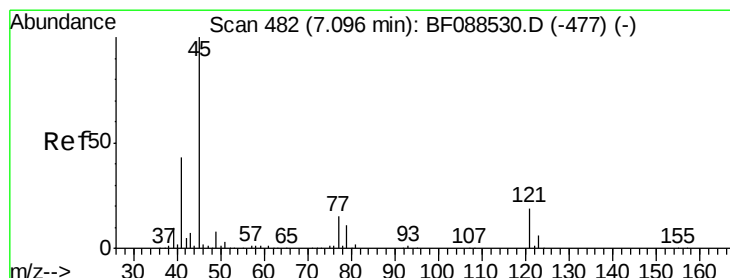
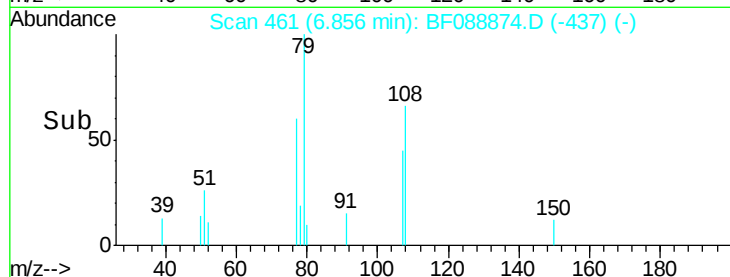
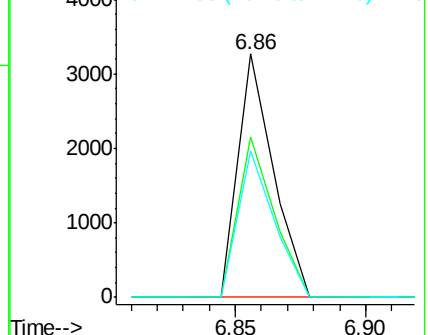
77 60.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.56 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

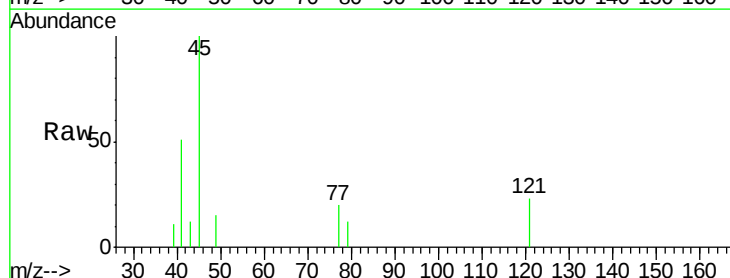
Tgt Ion: 45 Resp: 4116

Ion Ratio Lower Upper

45 100

77 20.3 0.0 32.5

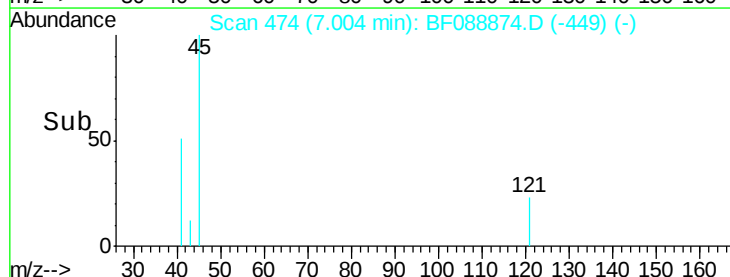
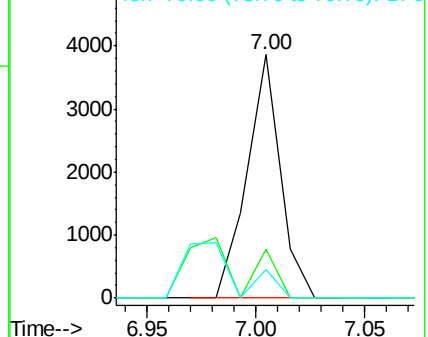
79 12.0 0.0 29.5

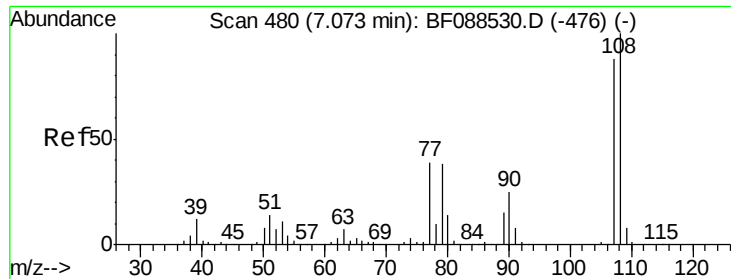


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 0.64 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:107 Resp: 2614

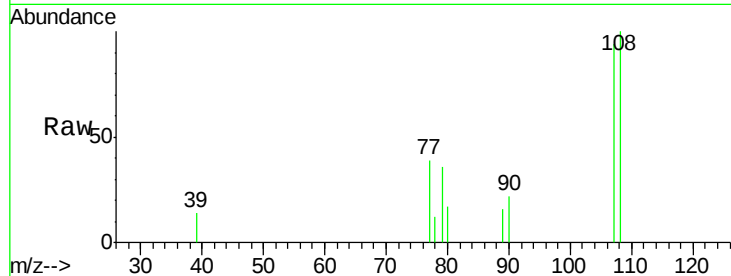
Ion Ratio Lower Upper

107 100

108 106.8 90.9 136.3

77 41.4 36.6 55.0

79 38.0 36.5 54.7

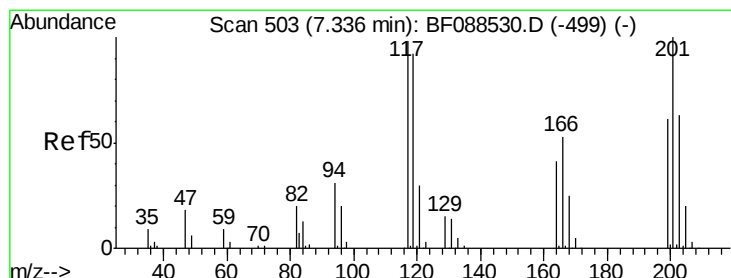
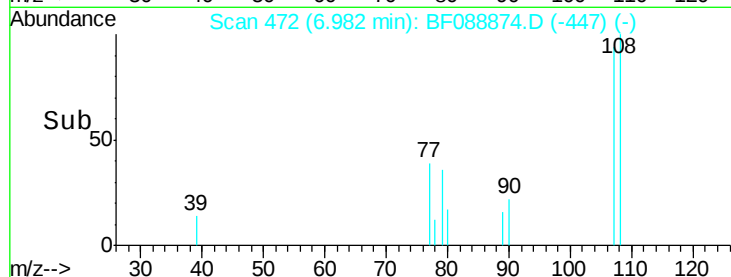
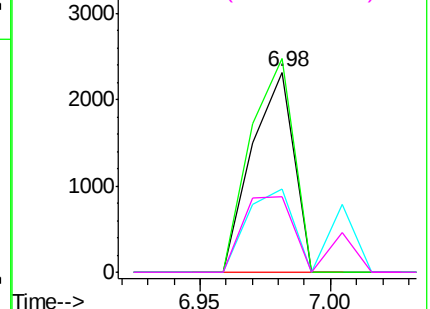


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 0.66 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

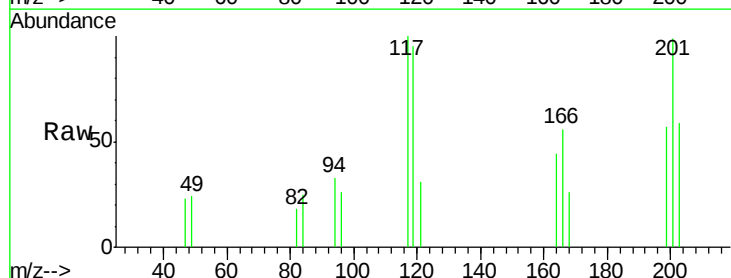
Tgt Ion:117 Resp: 1394

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.2

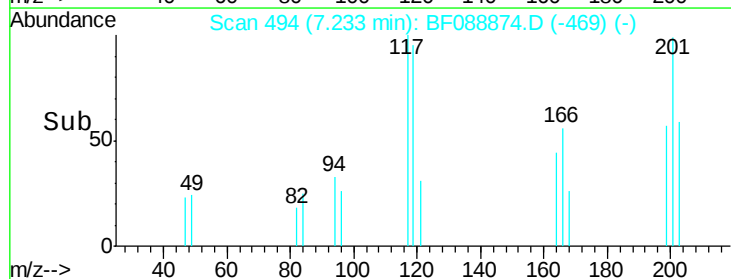
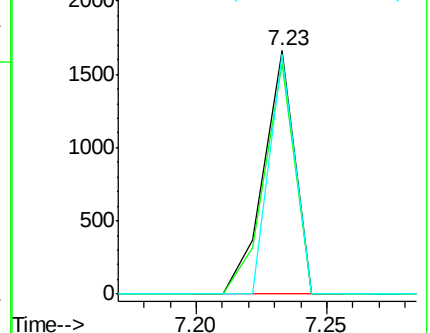
201 98.6 80.4 120.6

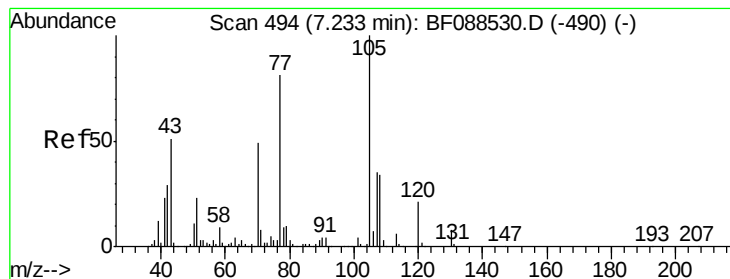


Abundance Ion 117.00 (116.70 to 117.70): E

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: 0.66 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

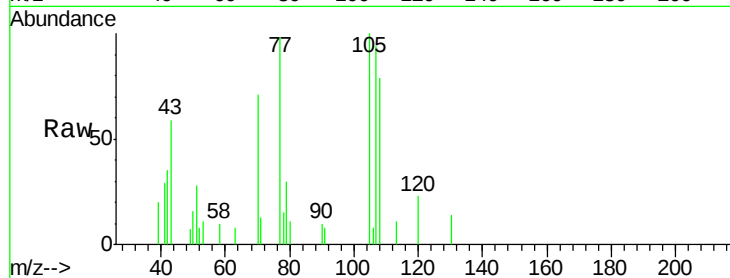
ClientSampleId :

P001-DS001-01MS

Tot Ion: 70 Resp: 2637

Ion Ratio Lower Upper

70	100		
42	49.8	49.6	74.4
101	0.0	7.1	10.7#
130	19.3	15.4	23.2

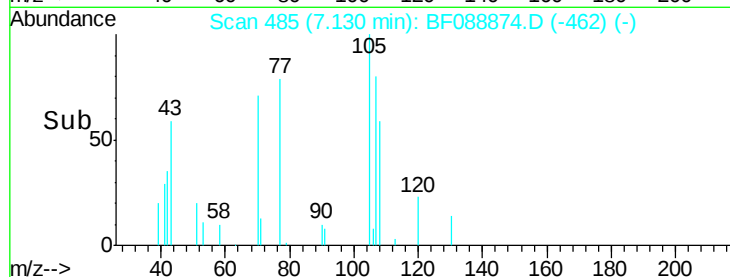
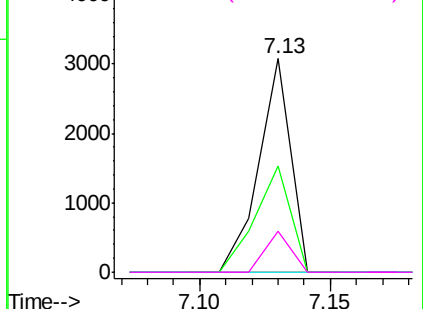


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 0.85 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion: 107 Resp: 4150

Ion Ratio Lower Upper

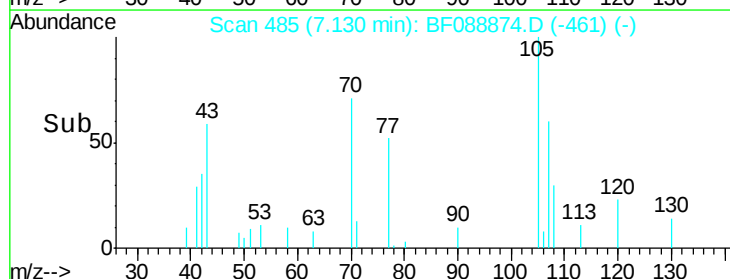
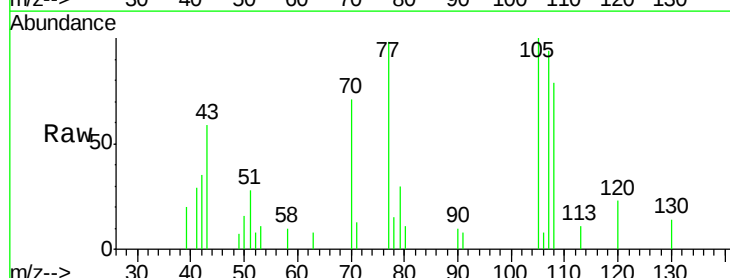
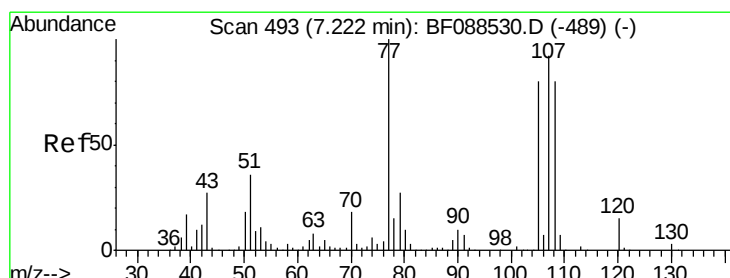
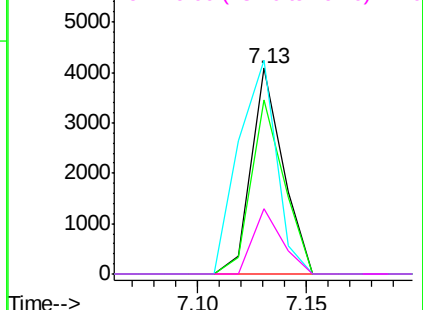
107	100		
108	84.6	67.8	107.8
77	103.9	59.3	99.3#
79	31.8	7.0	47.0

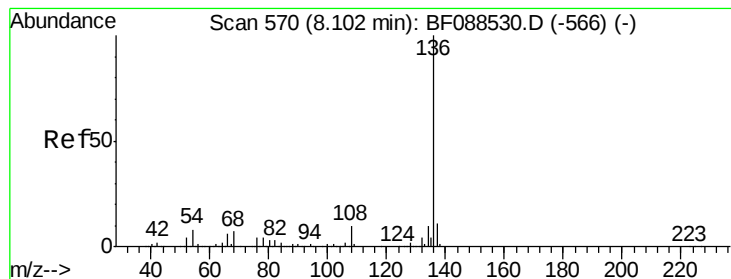
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:136 Resp: 264028

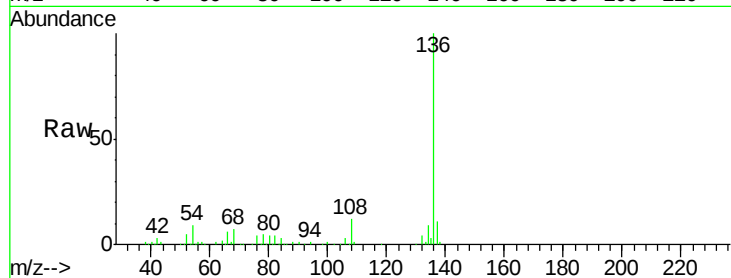
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.6 6.6 10.0

68 6.8 5.1 7.7

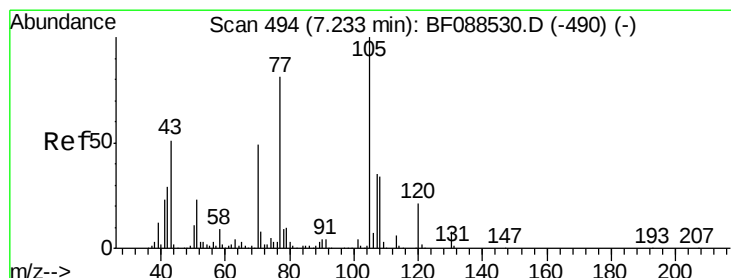
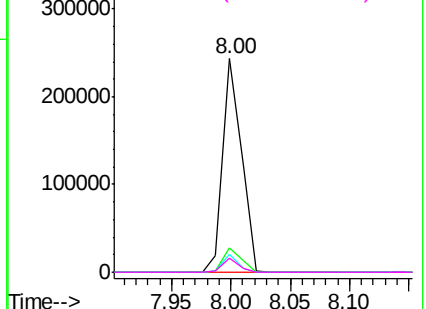
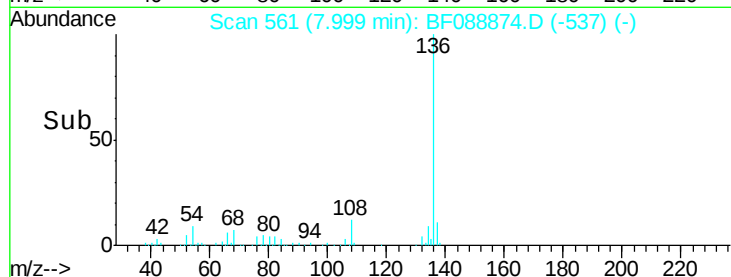


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.79 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:105 Resp: 5046

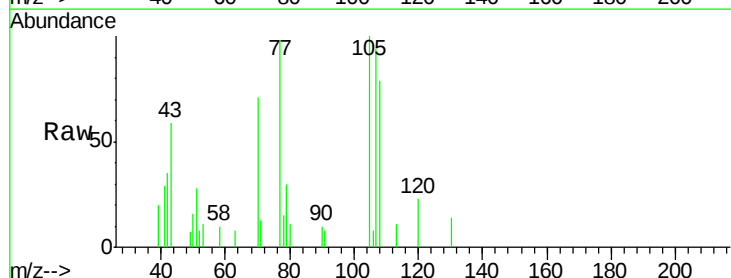
Ion Ratio Lower Upper

105 100

71 13.2 5.3 7.9#

51 28.3 18.2 27.4#

120 22.6 18.0 27.0

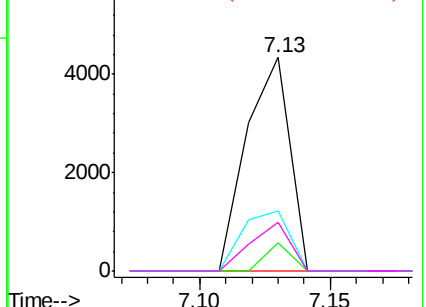
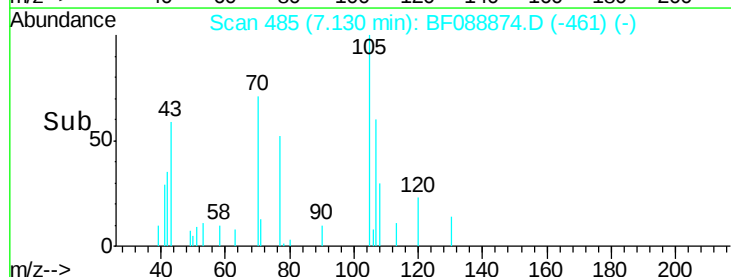


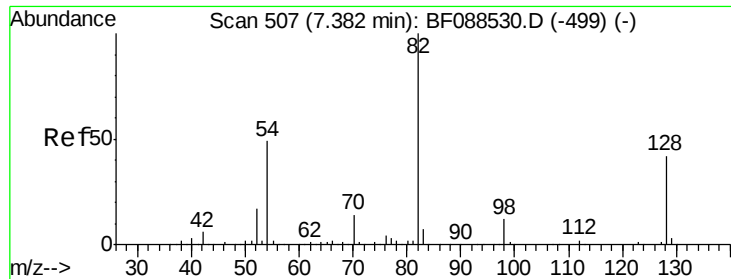
Abundance Ion 105.00 (104.70 to 105.70): E

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

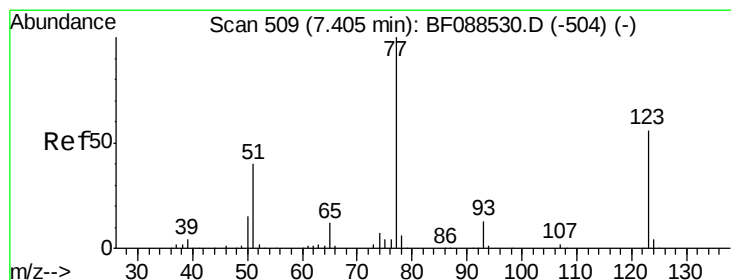
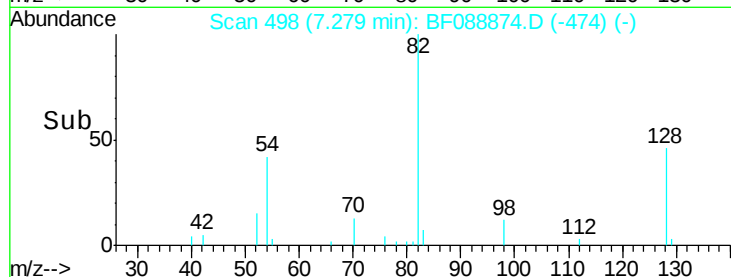
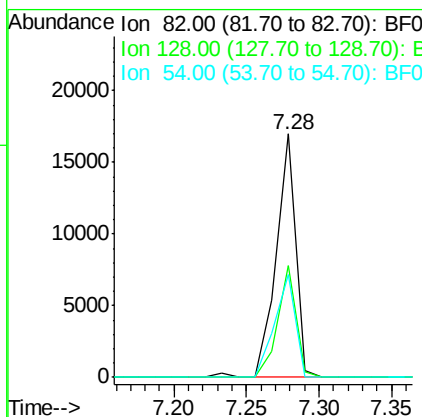
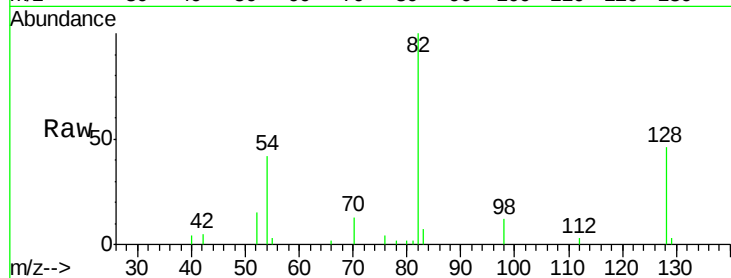




#23
 Nitrobenzene-d5
 Concen: 3.16 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

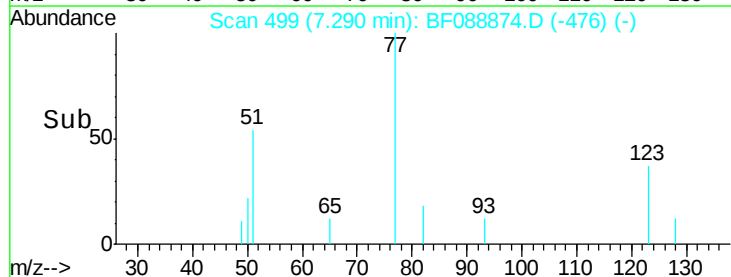
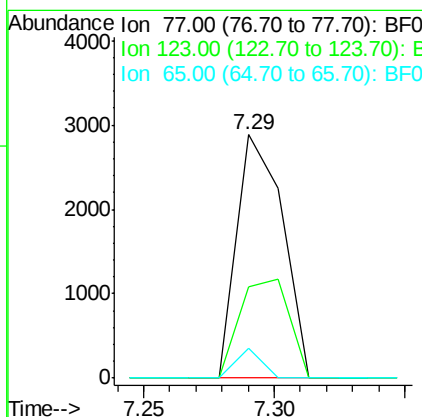
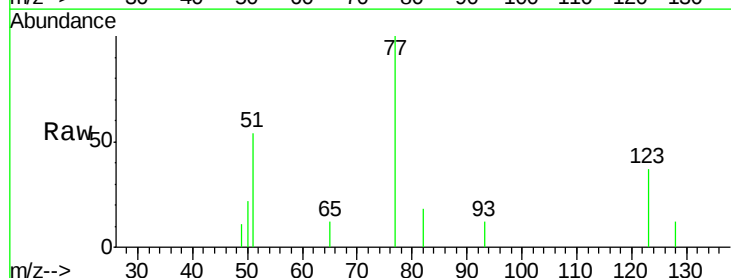
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

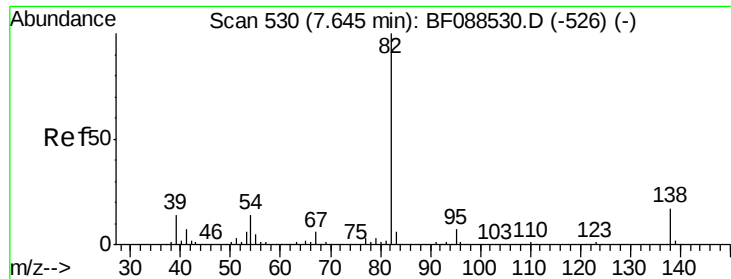
Tot Ion: 82 Resp: 15942
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 42.3 40.9 61.3



#24
 Nitrobenzene
 Concen: 0.69 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion: 77 Resp: 3527
 Ion Ratio Lower Upper
 77 100
 123 37.3 45.0 67.4#
 65 12.5 10.2 15.2





#25

Isophorone

Concen: 0.71 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

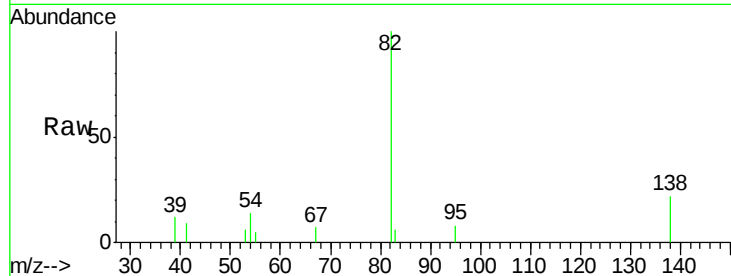
Tot Ion: 82 Resp: 6635

Ion Ratio Lower Upper

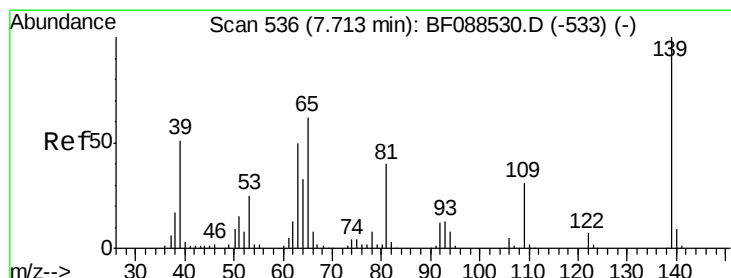
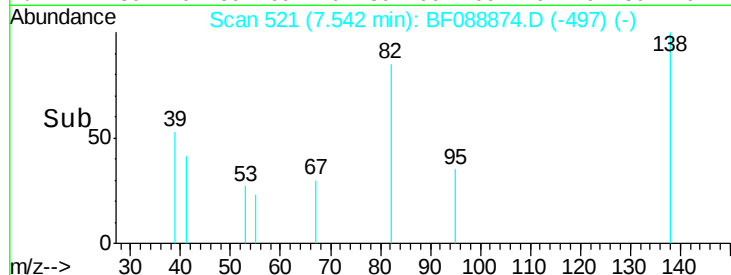
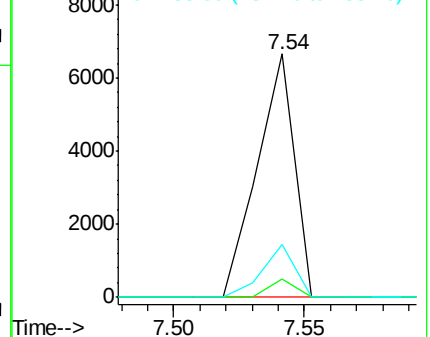
82 100

95 7.7 5.4 8.2

138 21.8 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: 0.68 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

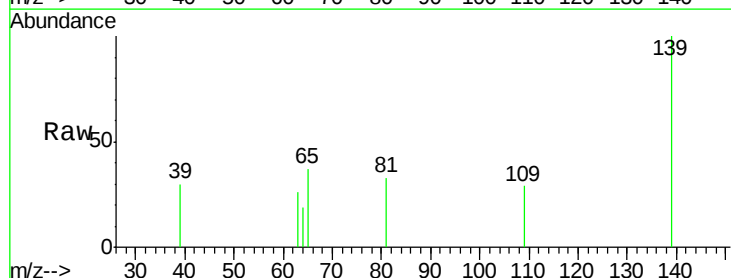
Tgt Ion: 139 Resp: 1411

Ion Ratio Lower Upper

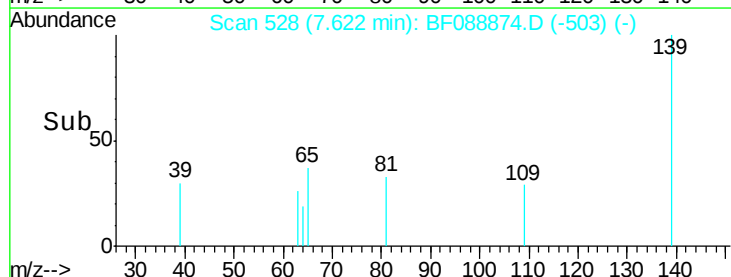
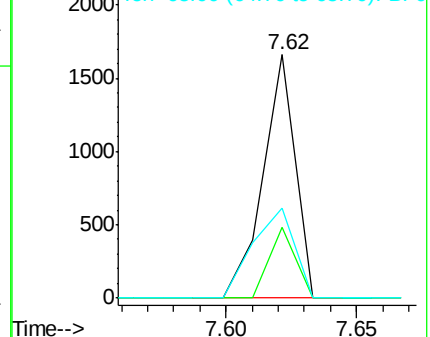
139 100

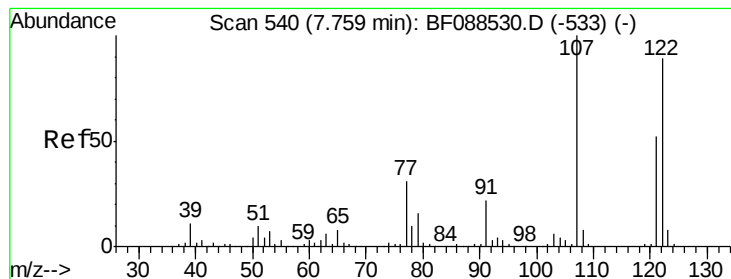
109 28.9 23.0 34.4

65 37.0 45.8 68.8#



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

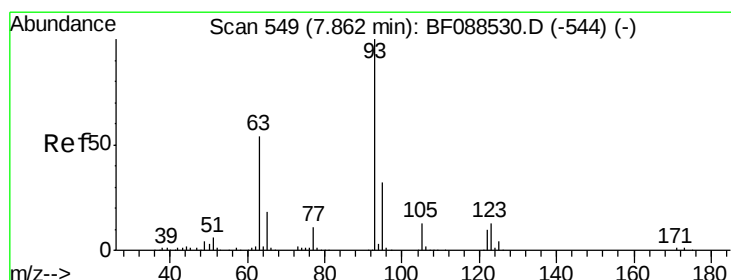
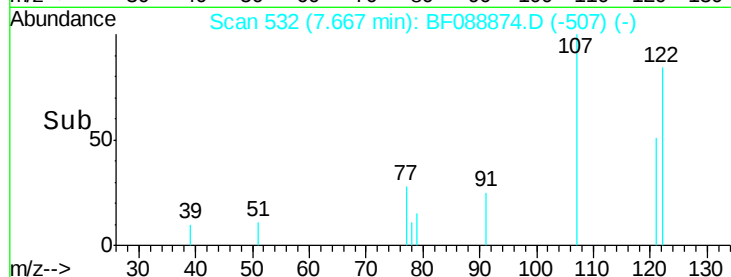
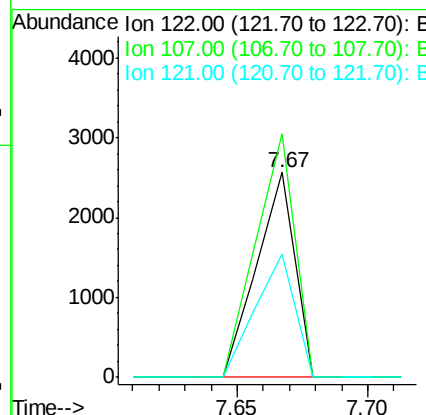
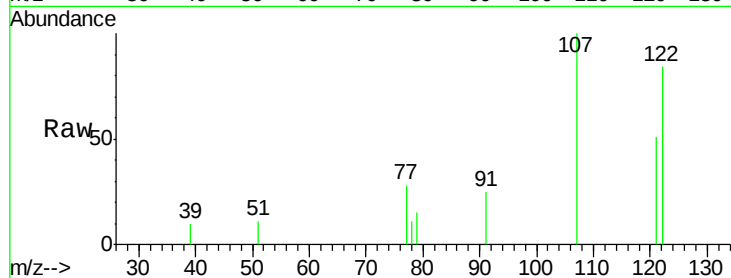




#27
 2,4-Dimethylphenol
 Concen: 0.60 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

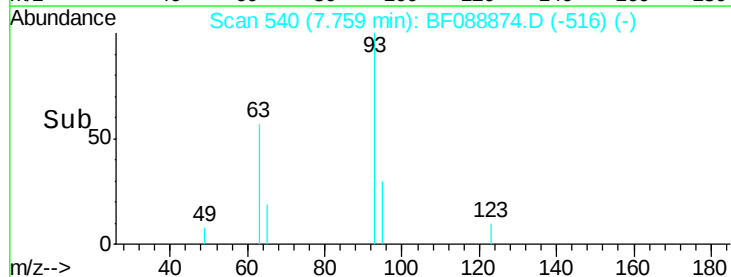
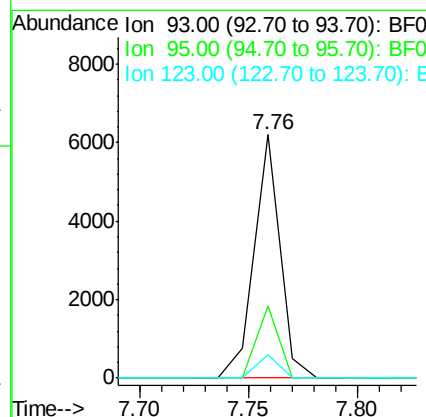
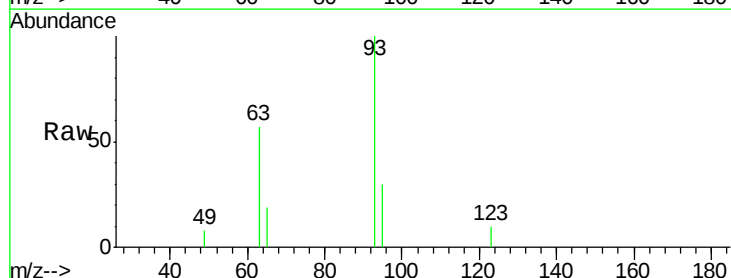
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

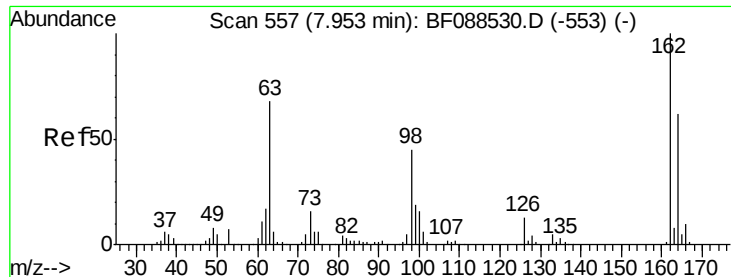
Tot Ion: 122 Resp: 2599
 Ion Ratio Lower Upper
 122 100
 107 119.0 82.4 123.6
 121 60.5 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.84 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion: 93 Resp: 5131
 Ion Ratio Lower Upper
 93 100
 95 29.8 26.5 39.7
 123 9.8 11.6 17.4#

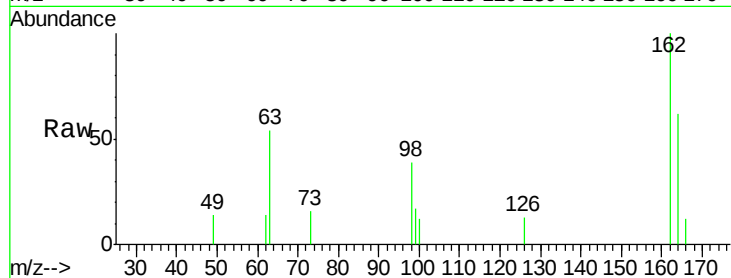




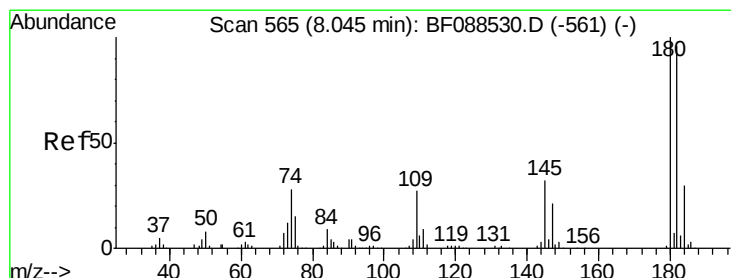
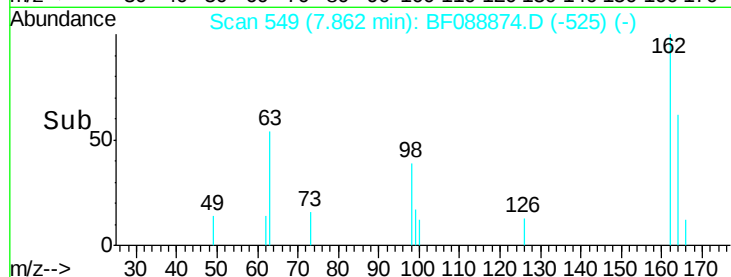
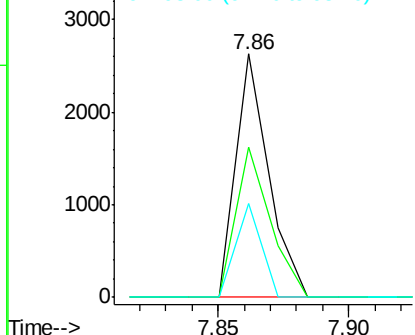
#29
 2,4-Dichlorophenol
 Concen: 0.66 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion:162 Resp: 2315
 Ion Ratio Lower Upper
 162 100
 164 61.8 43.8 83.8
 98 38.8 21.3 61.3

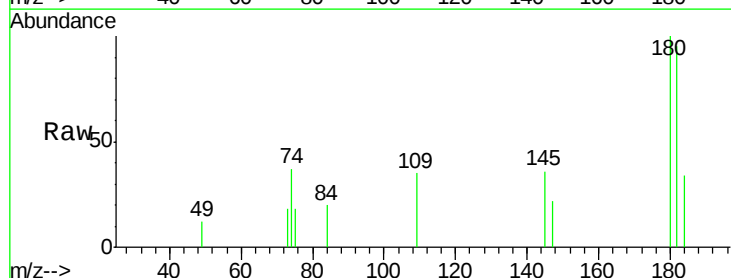


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

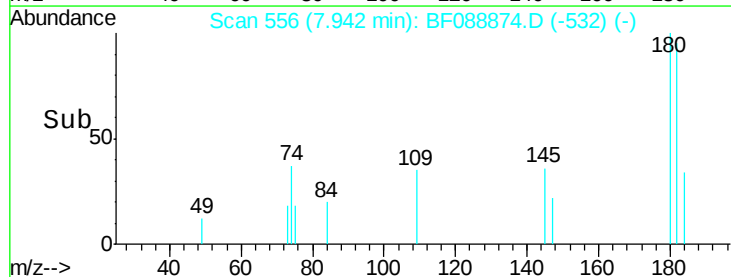
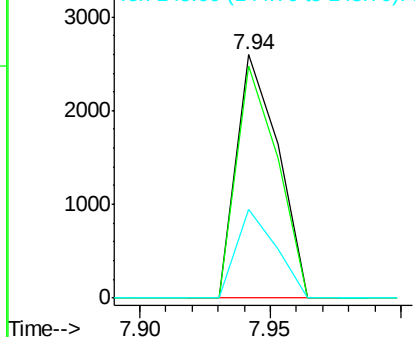


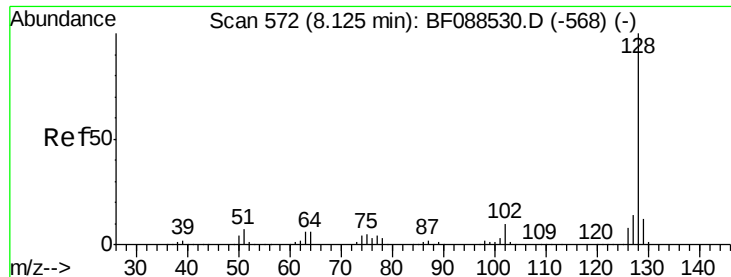
#30
 1,2,4-Trichlorobenzene
 Concen: 0.76 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:180 Resp: 2908
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 36.5 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: 0.87 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

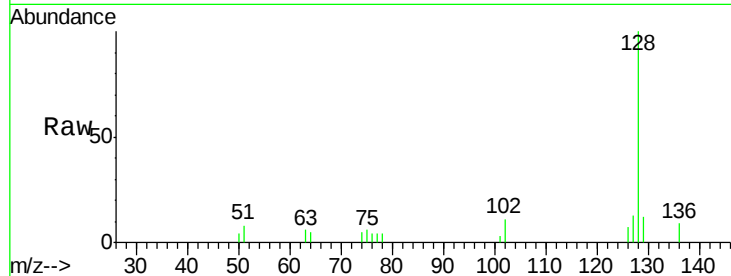
Tot Ion:128 Resp: 11381

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

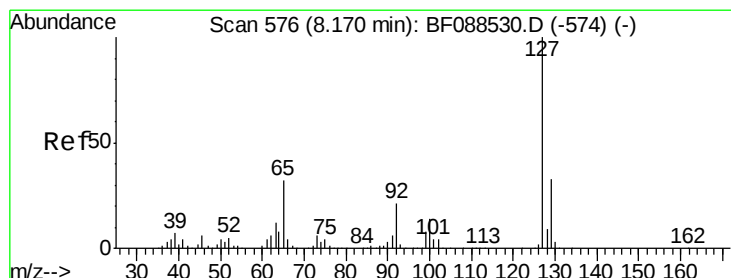
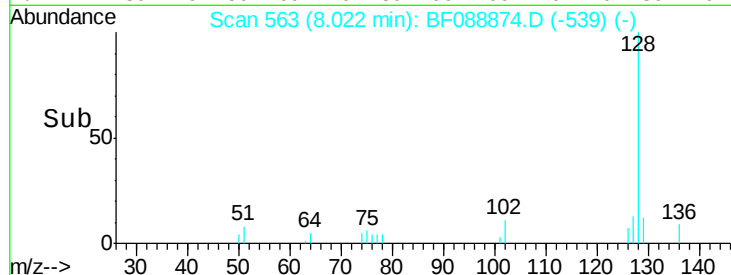
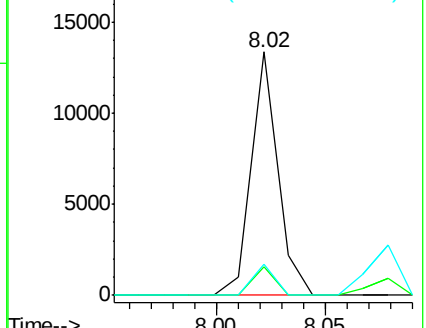
127 12.9 10.9 16.3



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



#33

4-Chloroaniline

Concen: 0.47 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:127 Resp: 2707

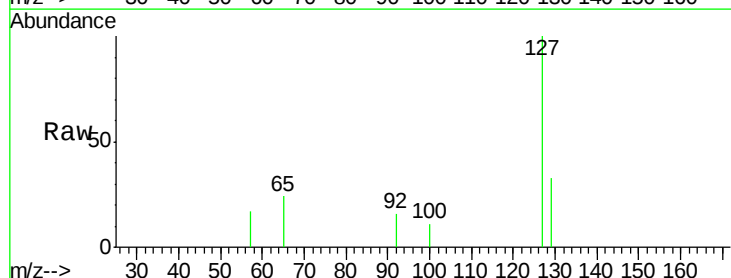
Ion Ratio Lower Upper

127 100

129 33.3 26.3 39.5

65 24.2 24.7 37.1#

92 15.8 15.4 23.0

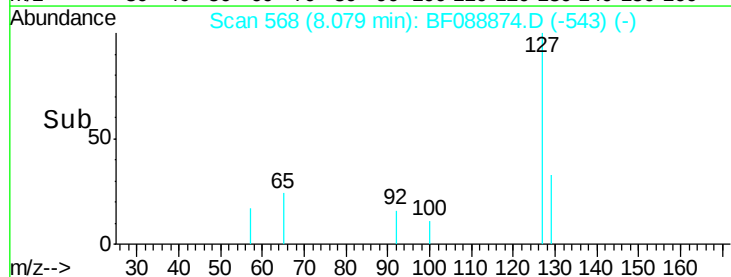
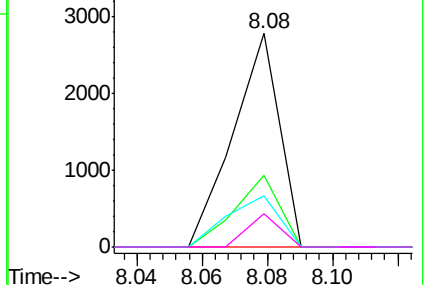


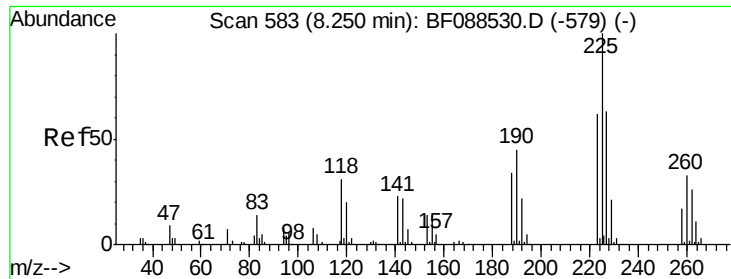
Abundance Ion 127.00 (126.70 to 127.70): E

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

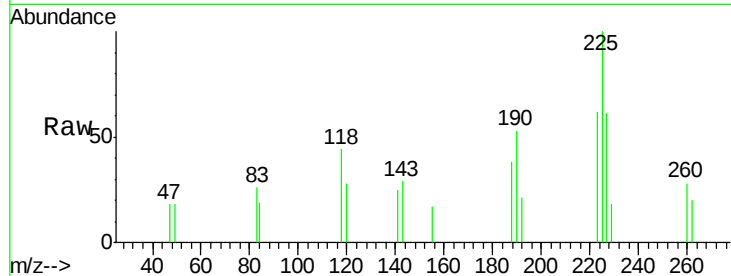




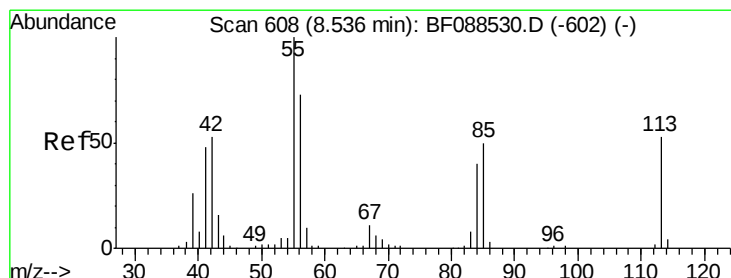
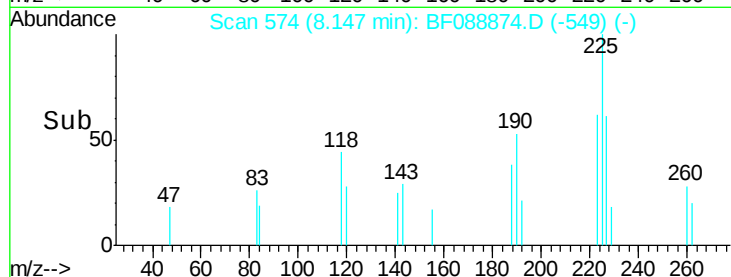
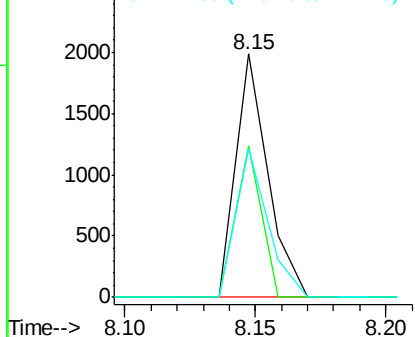
#34
Hexachlorobutadiene
Concen: 0.83 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:225 Resp: 1710
Ion Ratio Lower Upper
225 100
223 62.0 50.9 76.3
227 61.1 51.9 77.9

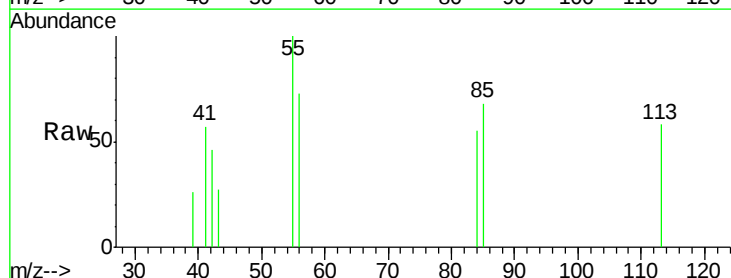


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

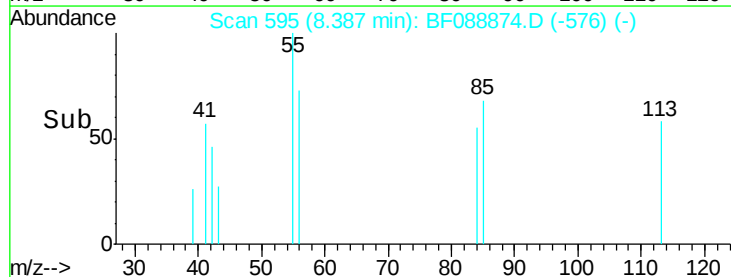
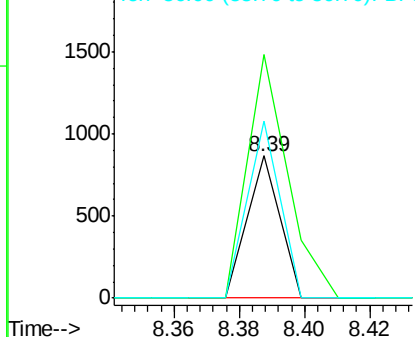


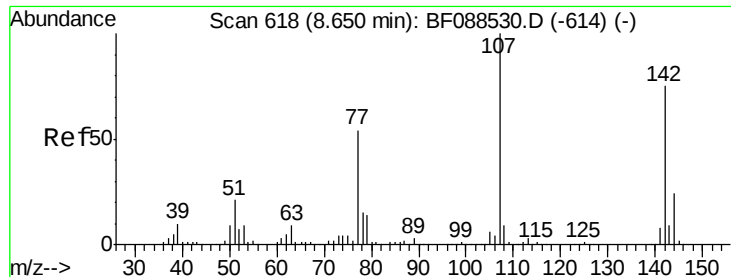
#35
Caprolactam
Concen: 0.50 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.08 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:113 Resp: 593
Ion Ratio Lower Upper
113 100
55 171.4 158.6 198.6
56 125.1 110.6 150.6



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: 0.76 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

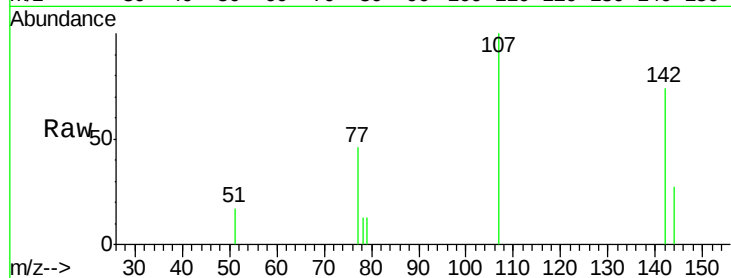
Tot Ion:107 Resp: 3133

Ion Ratio Lower Upper

107 100

144 27.1 20.8 31.2

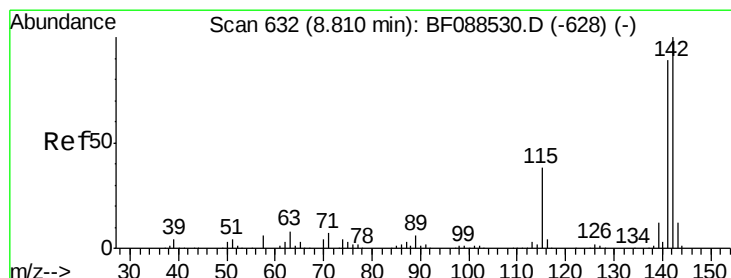
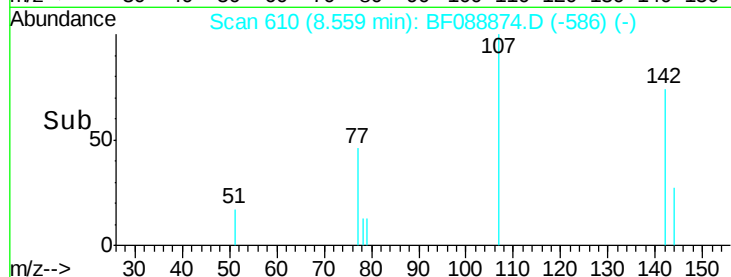
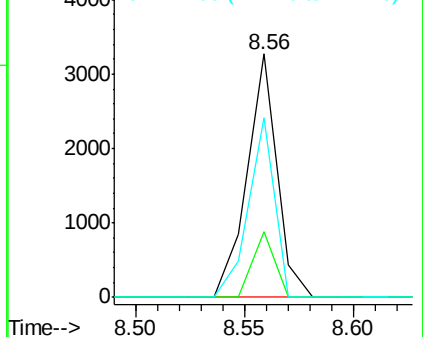
142 73.7 63.4 95.2



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: 0.79 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

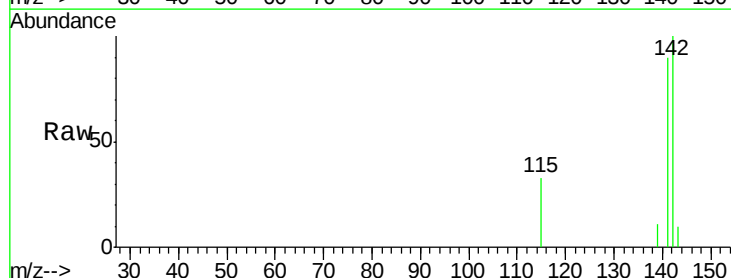
Tgt Ion:142 Resp: 6635

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

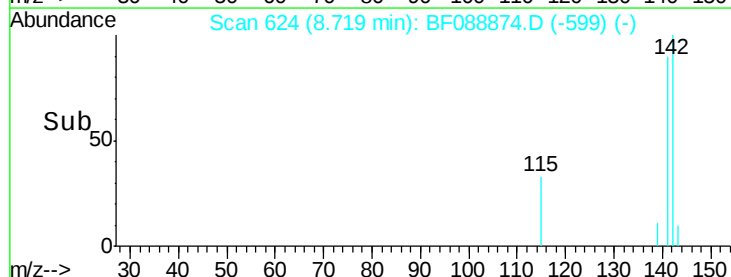
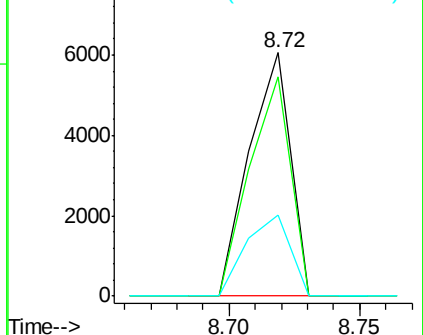
115 33.1 22.6 33.8

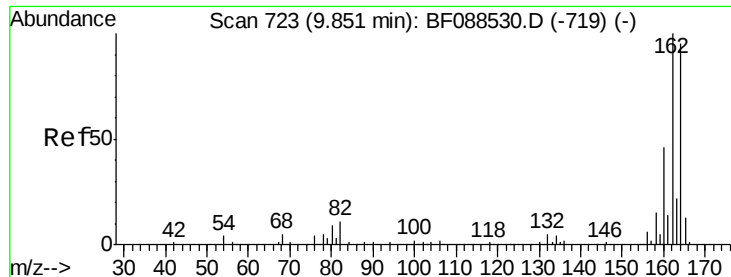


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

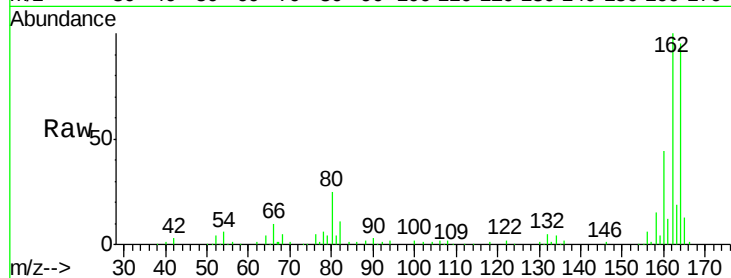
Tot Ion:164 Resp: 129144

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

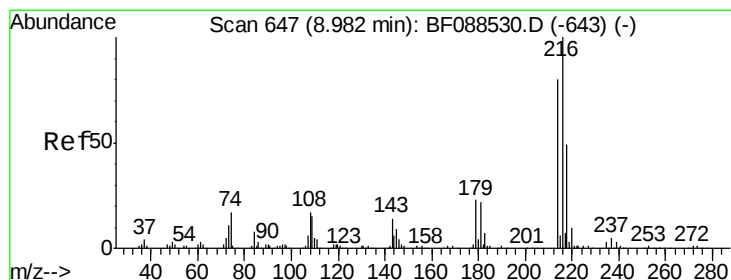
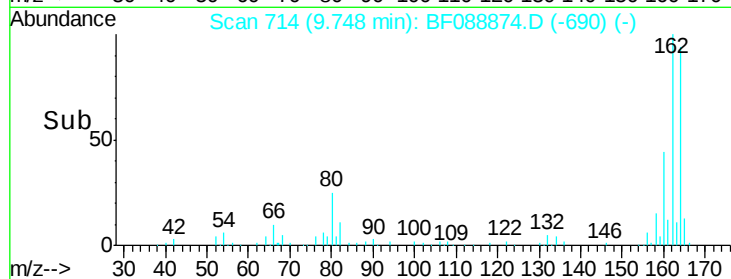
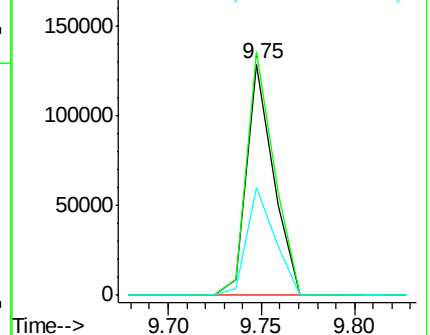
160 46.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.74 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:216 Resp: 3192

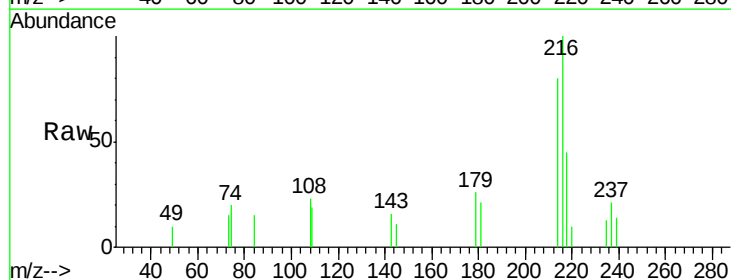
Ion Ratio Lower Upper

216 100

214 75.9 2.9 4.3#

179 20.5 0.0 0.0#

108 17.5 0.5 0.7#

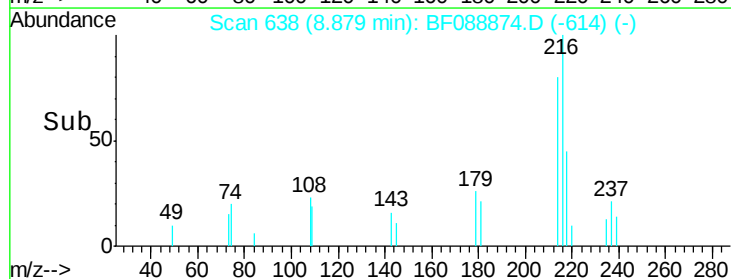
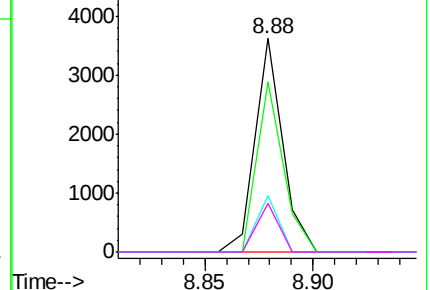


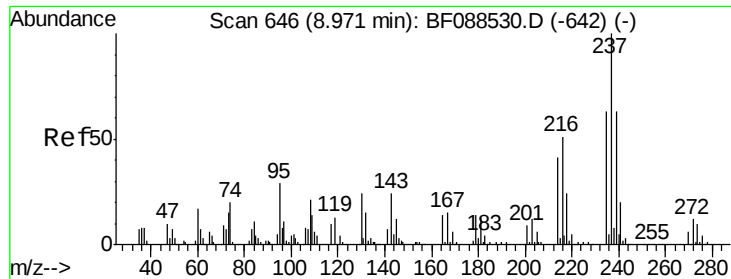
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

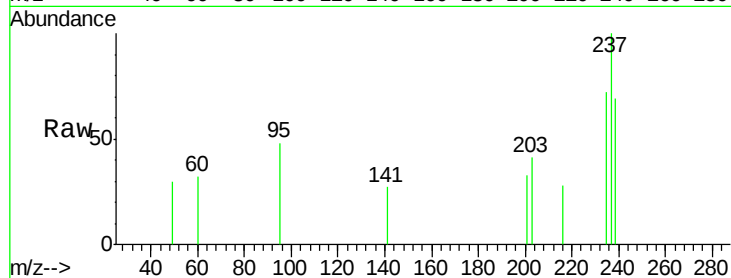




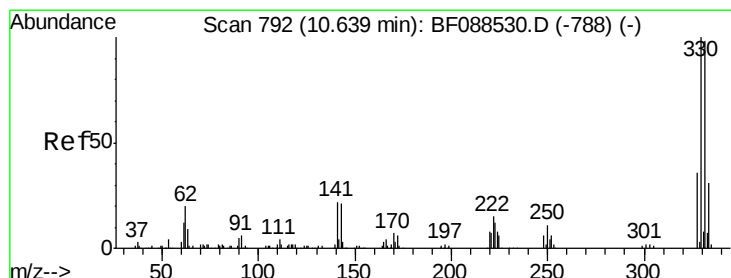
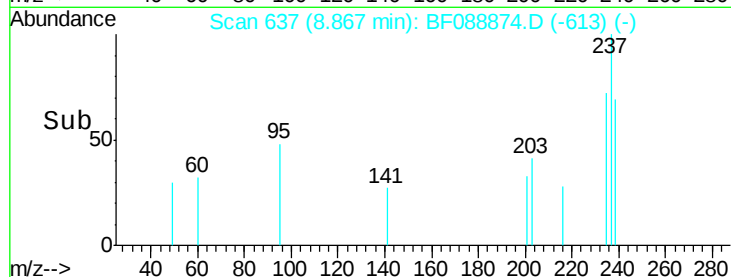
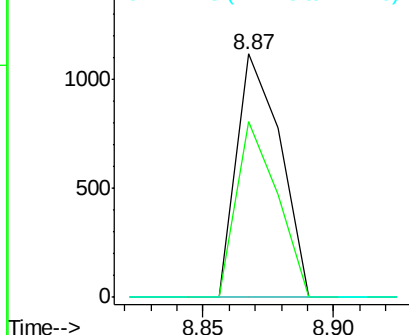
#40
Hexachlorocyclopentadiene
Concen: 0.62 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:237 Resp: 1299
Ion Ratio Lower Upper
237 100
235 72.2 43.4 83.4
272 0.0 0.0 32.3

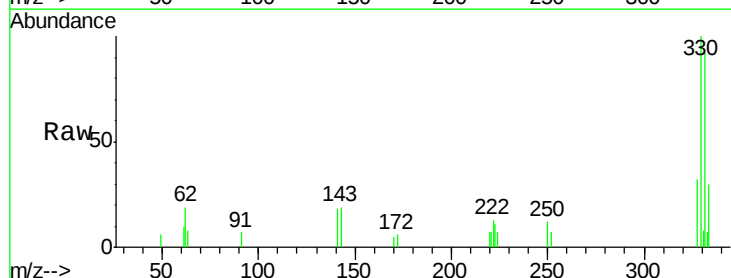


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

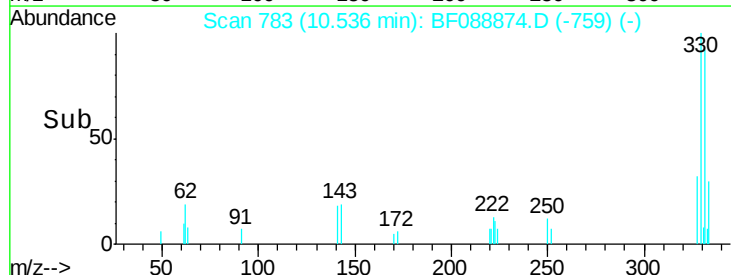
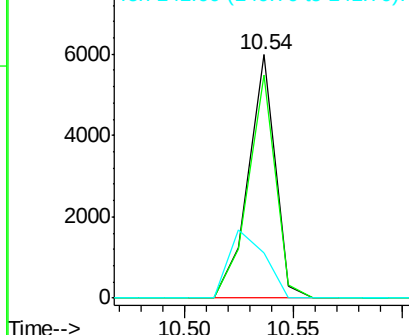


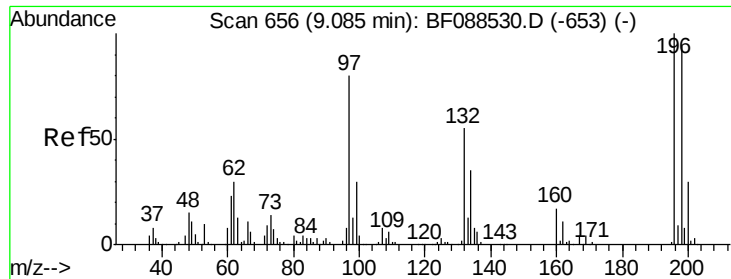
#41
2,4,6-Tribromophenol
Concen: 4.31 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:330 Resp: 5168
Ion Ratio Lower Upper
330 100
332 93.2 0.0 0.0#
141 36.9 0.0 0.0#



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

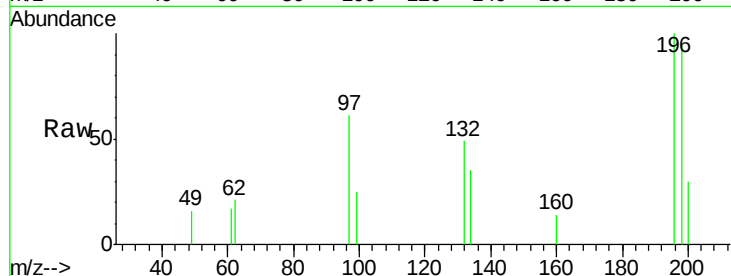




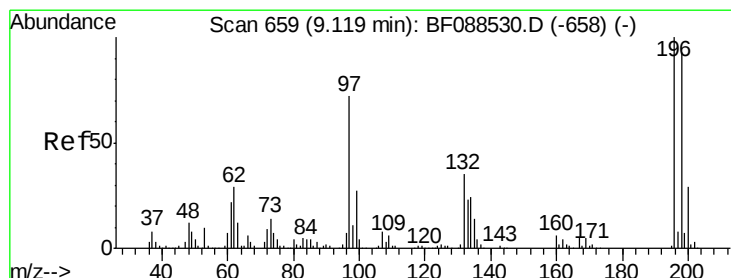
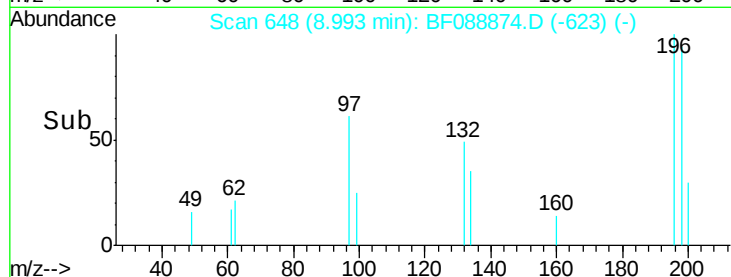
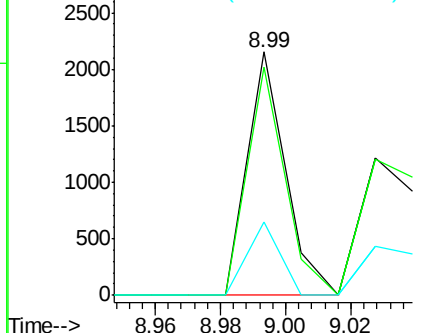
#42
 2,4,6-Trichlorophenol
 Concen: 0.61 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion:196 Resp: 1734
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.0 117.0
 200 30.3 25.4 38.2



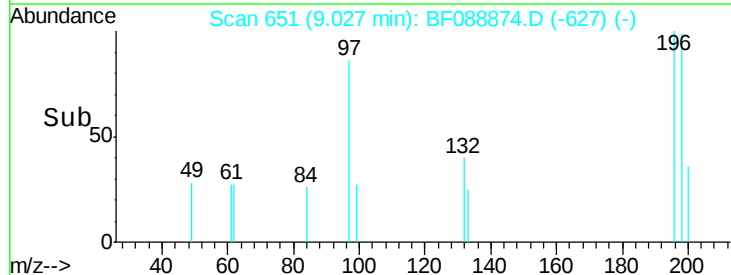
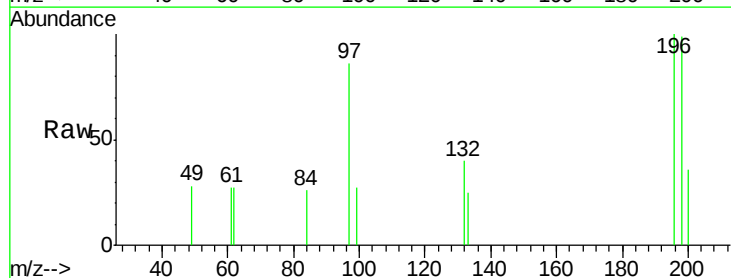
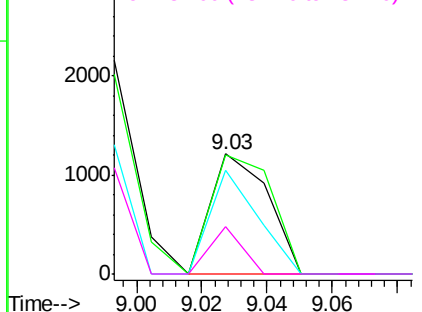
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

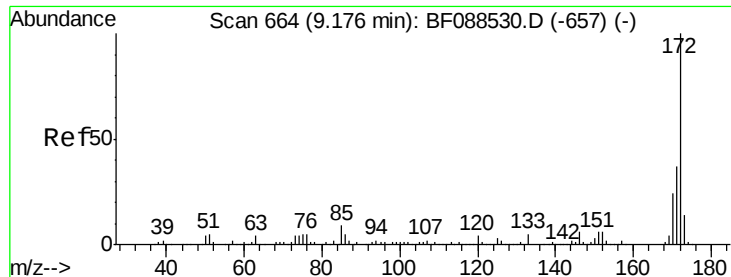


#43
 2,4,5-Trichlorophenol
 Concen: 0.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:196 Resp: 1462
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.5 116.3
 97 86.0 32.0 48.0#
 132 39.7 20.9 31.3#

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

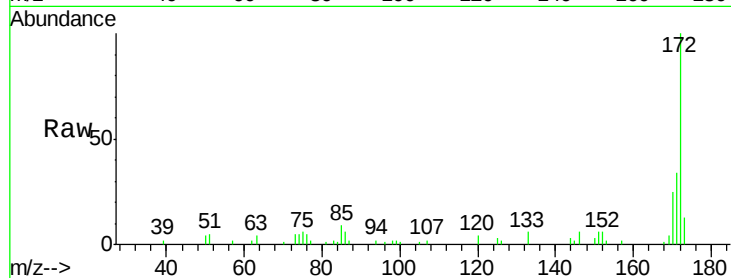




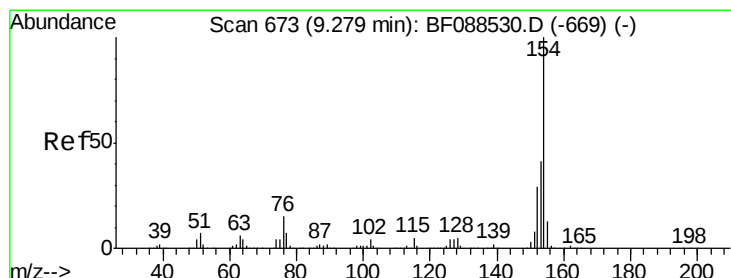
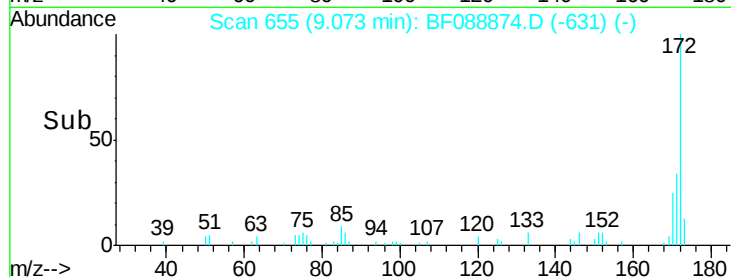
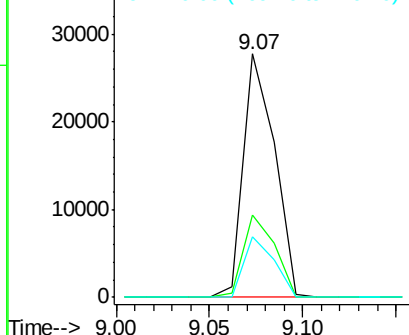
#44
2-Fluorobiphenyl
Concen: 3.95 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:172 Resp: 32255
Ion Ratio Lower Upper
172 100
171 33.7 28.6 43.0
170 24.6 19.2 28.8

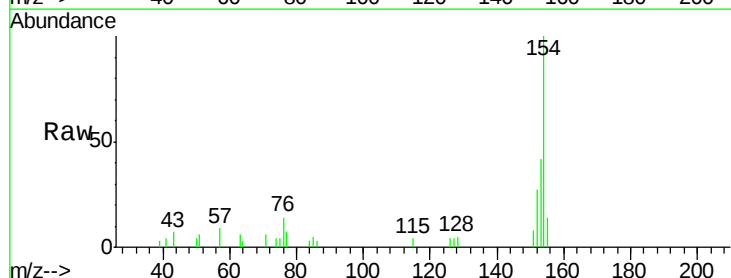


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

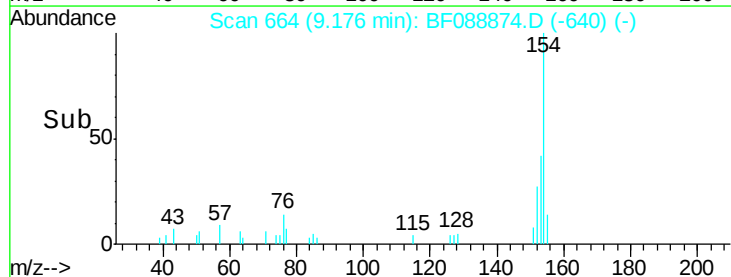
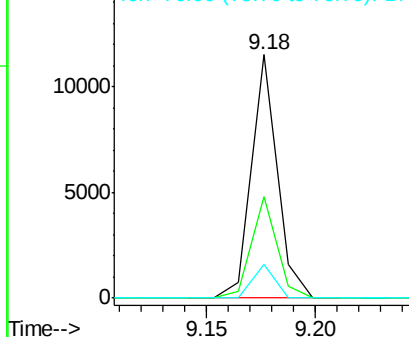


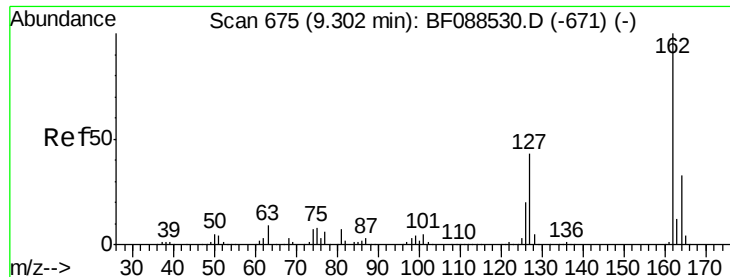
#45
1,1'-Biphenyl
Concen: 0.89 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:154 Resp: 9544
Ion Ratio Lower Upper
154 100
153 41.7 20.6 60.6
76 13.6 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

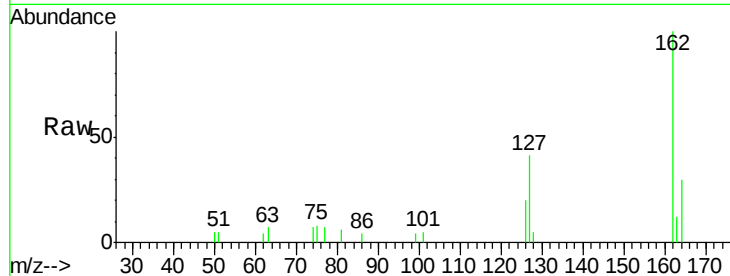




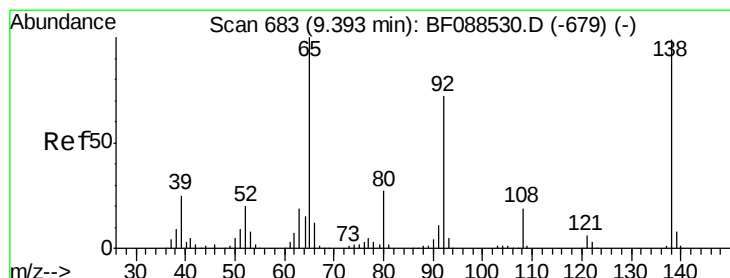
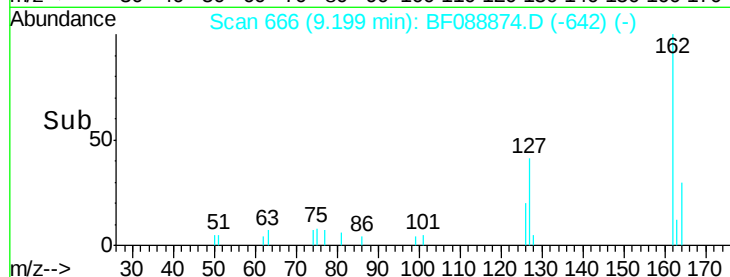
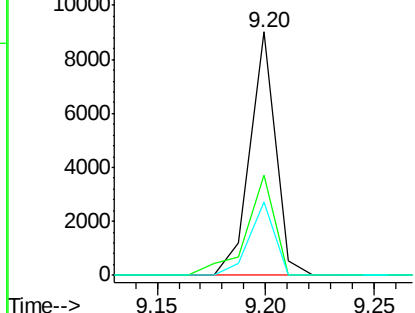
#46
2-Chloronaphthalene
Concen: 0.88 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:162 Resp: 7373
Ion Ratio Lower Upper
162 100
127 41.1 35.2 52.8
164 30.3 26.6 39.8

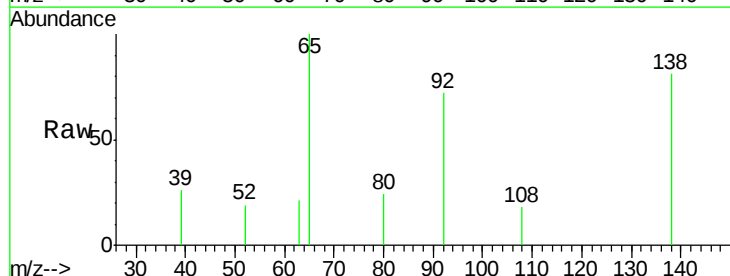


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

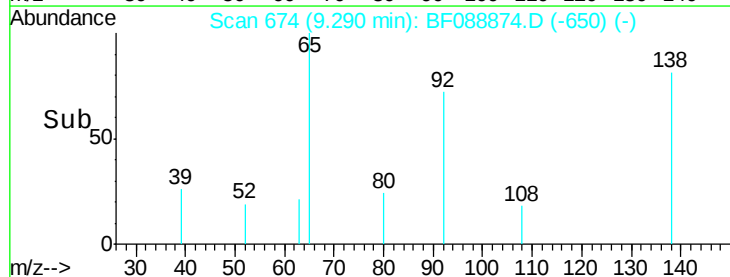
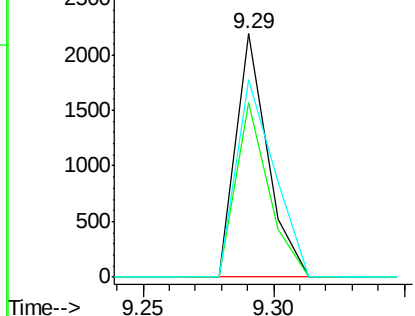


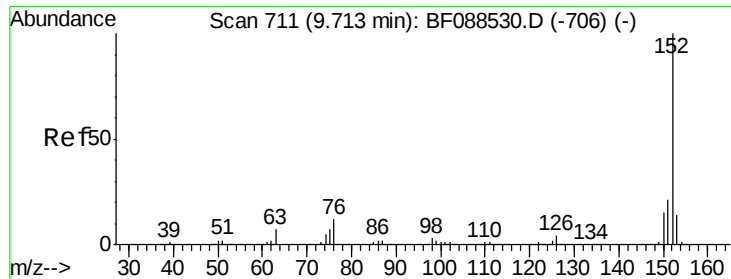
#47
2-Nitroaniline
Concen: 0.62 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion: 65 Resp: 1861
Ion Ratio Lower Upper
65 100
92 71.8 54.6 82.0
138 81.3 77.0 115.4



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





#48

Acenaphthylene

Concen: 0.84 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

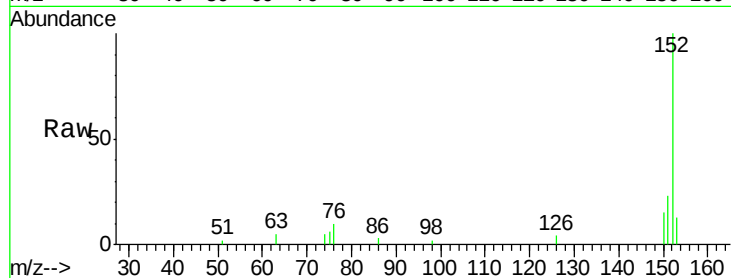
Tot Ion:152 Resp: 11235

Ion Ratio Lower Upper

152 100

151 22.5 16.2 24.4

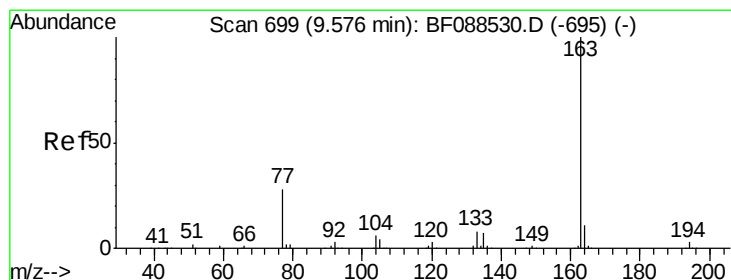
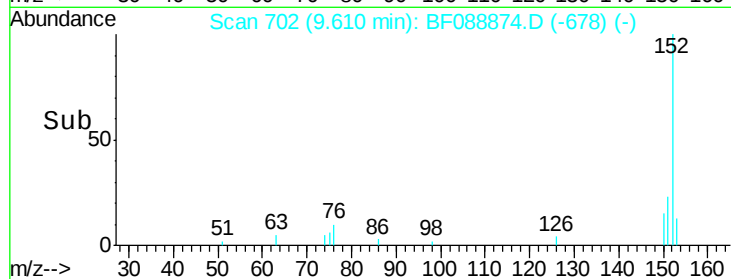
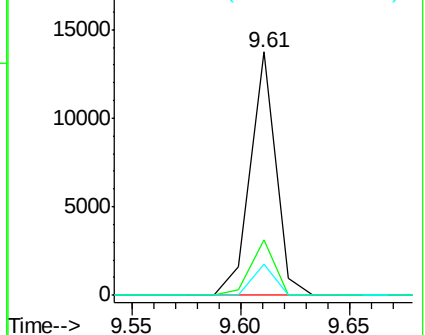
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.11 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

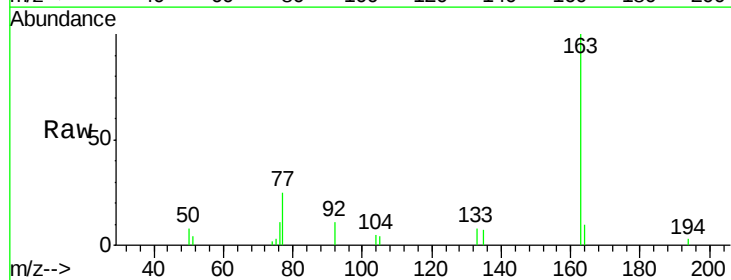
Tgt Ion:163 Resp: 10214

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

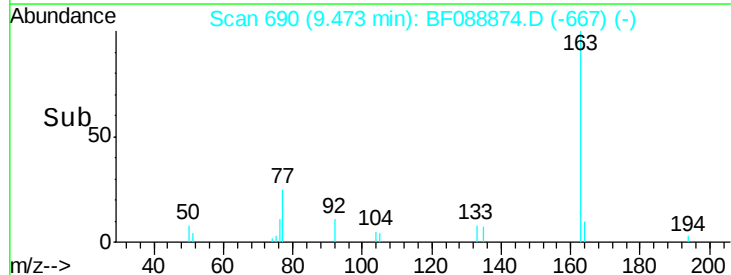
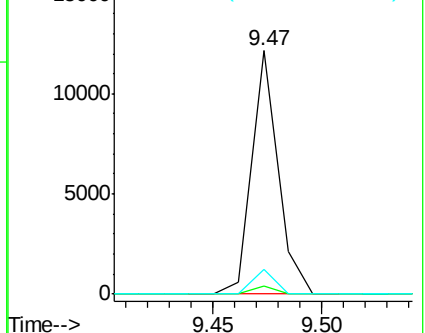
164 10.4 8.3 12.5

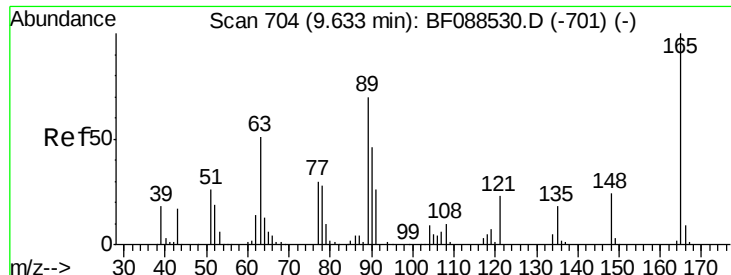


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

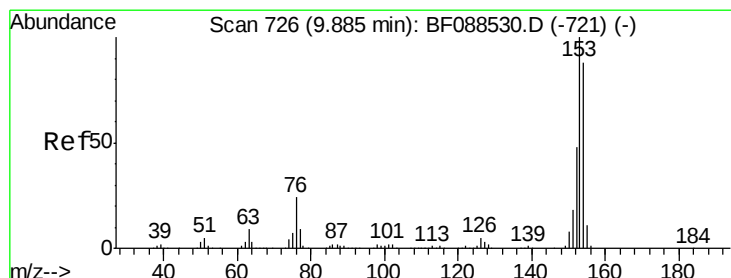
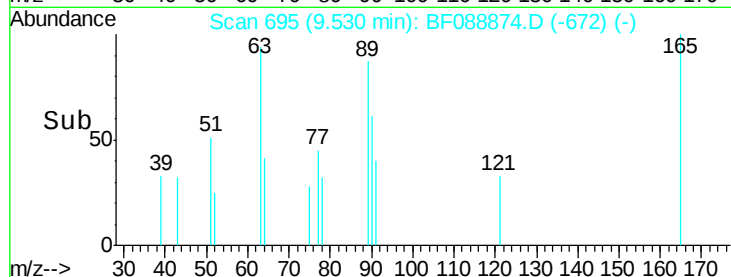
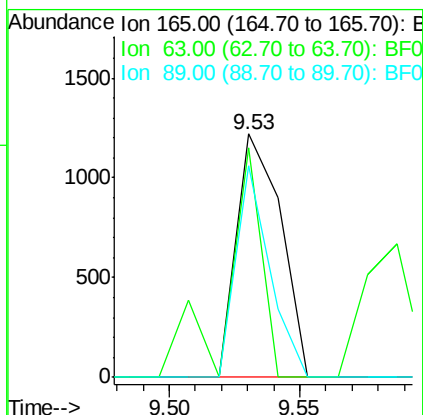
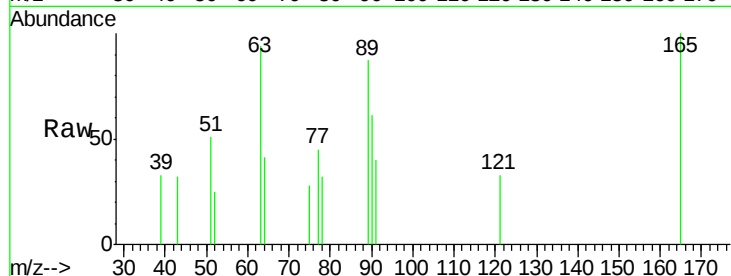




#50
2,6-Dinitrotoluene
Concen: 0.71 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

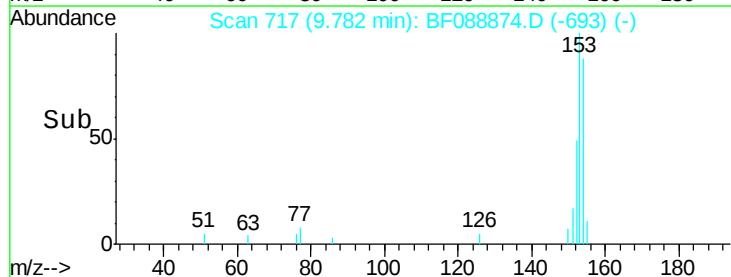
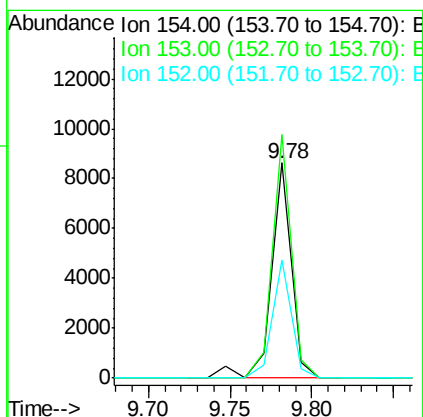
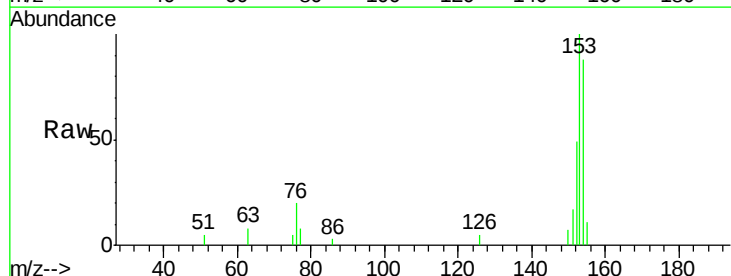
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

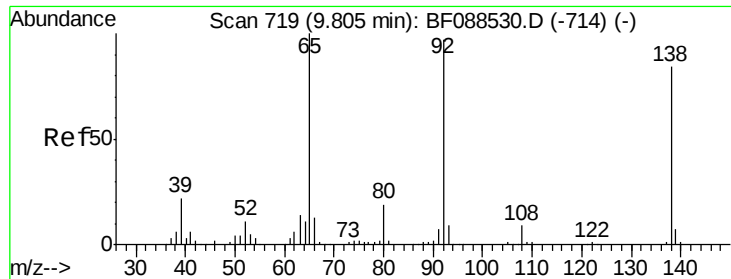
Tot Ion:165 Resp: 1455
Ion Ratio Lower Upper
165 100
63 94.0 28.1 42.1#
89 87.1 32.2 48.2#



#51
Acenaphthene
Concen: 0.90 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:154 Resp: 7386
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 55.0 42.7 64.1





#52

3-Nitroaniline

Concen: 0.55 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

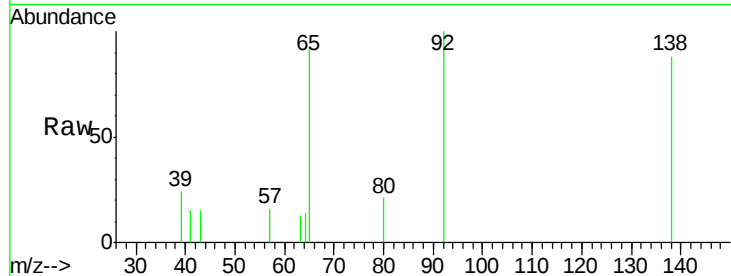
Tot Ion:138 Resp: 1427

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

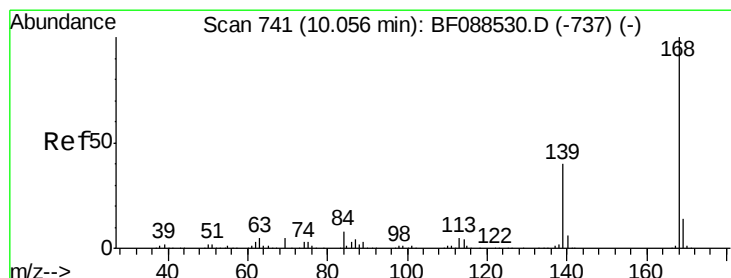
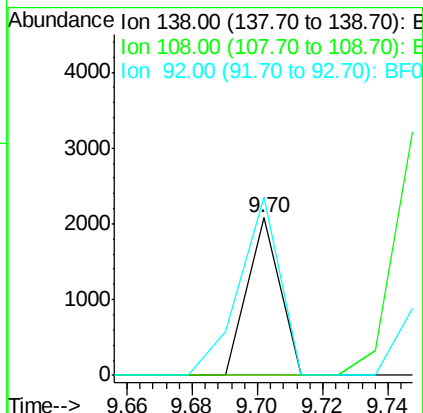
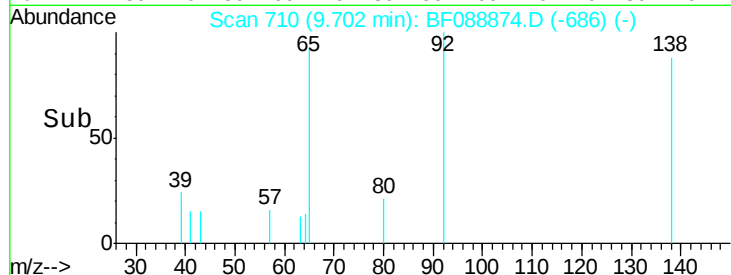
92 113.4 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 1.03 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

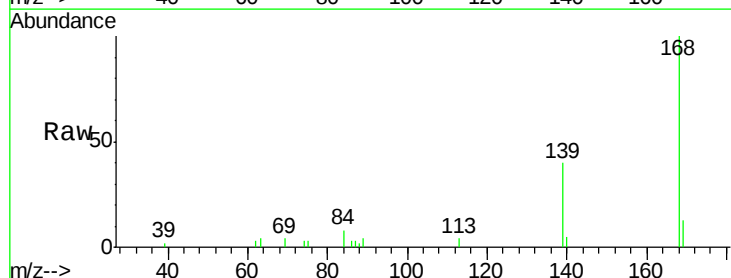
Tgt Ion:168 Resp: 10994

Ion Ratio Lower Upper

168 100

139 40.0 26.4 39.6#

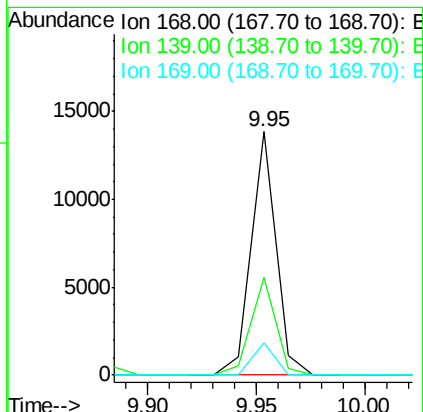
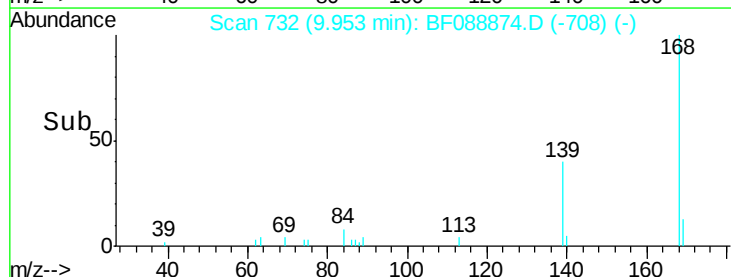
169 13.1 10.4 15.6

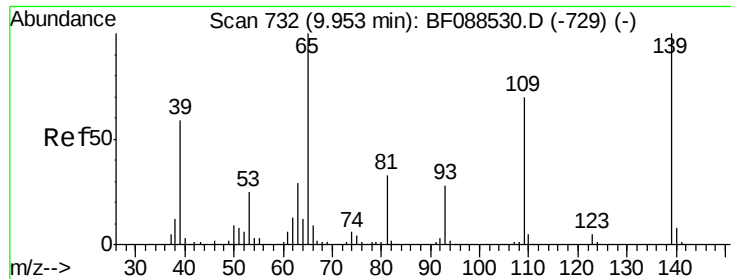


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

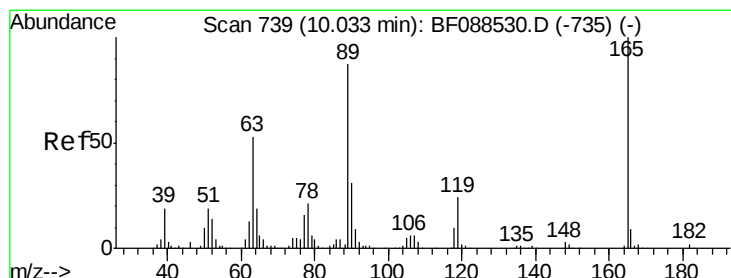
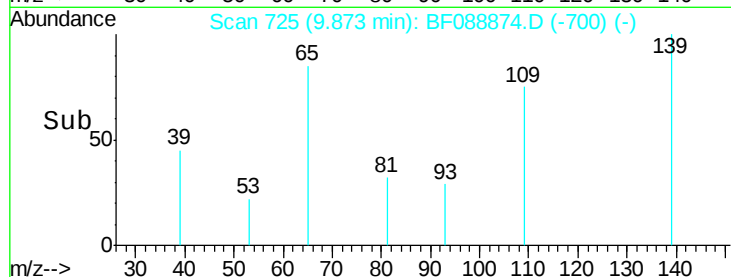
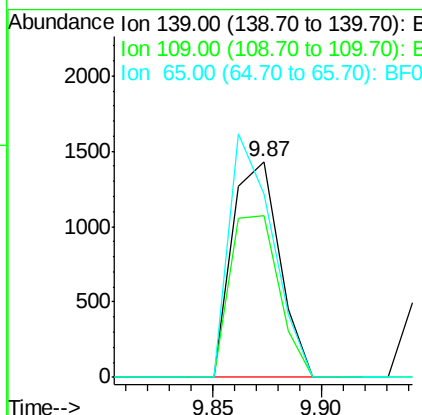
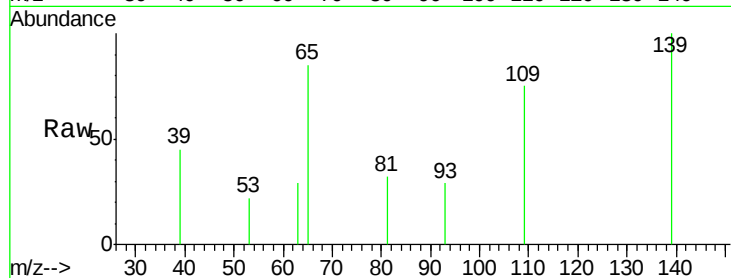




#55
4-Nitrophenol
Concen: 1.10 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

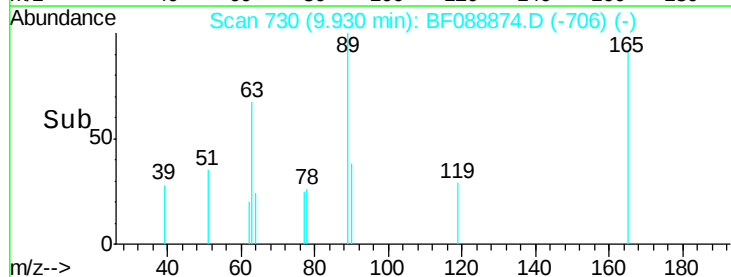
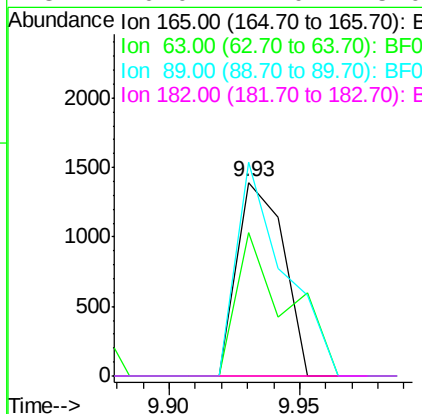
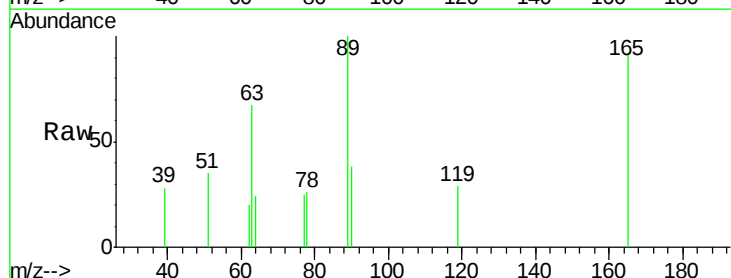
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

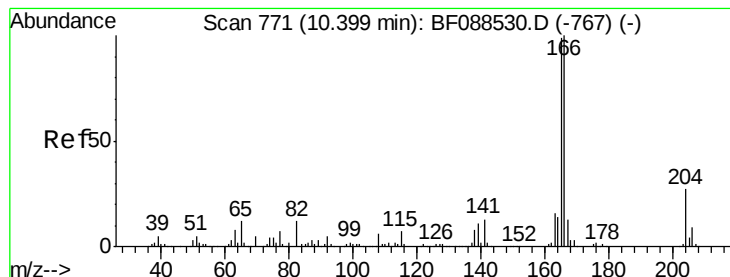
Tot Ion:139 Resp: 2161
Ion Ratio Lower Upper
139 100
109 74.8 48.9 88.9
65 85.2 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 0.65 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:165 Resp: 1736
Ion Ratio Lower Upper
165 100
63 74.4 22.0 33.0#
89 110.4 41.1 61.7#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 1.01 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

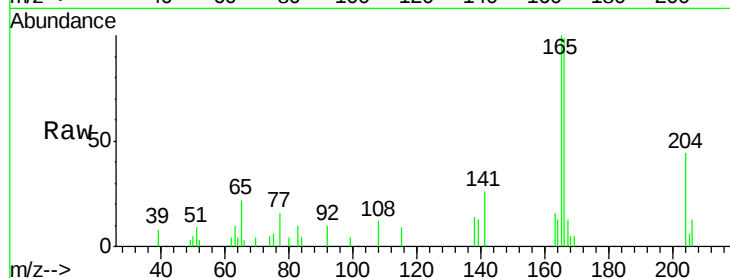
Tot Ion:166 Resp: 8357

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.8

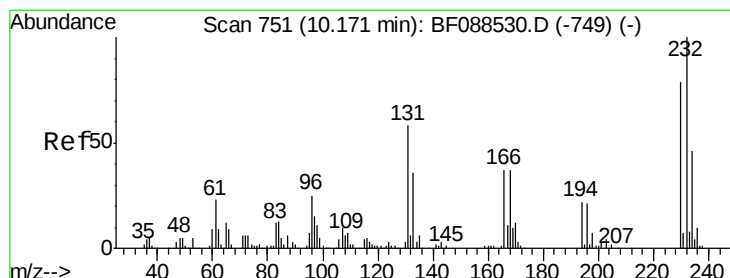
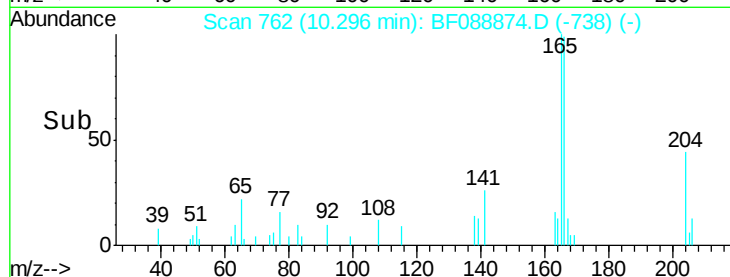
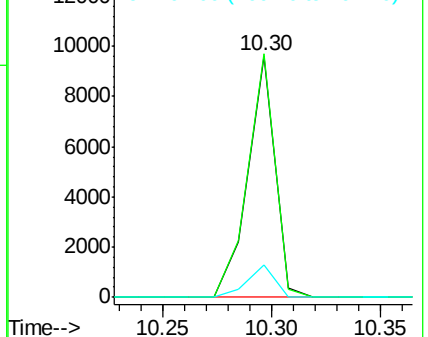
167 13.4 11.2 16.8



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: 0.53 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:232 Resp: 1008

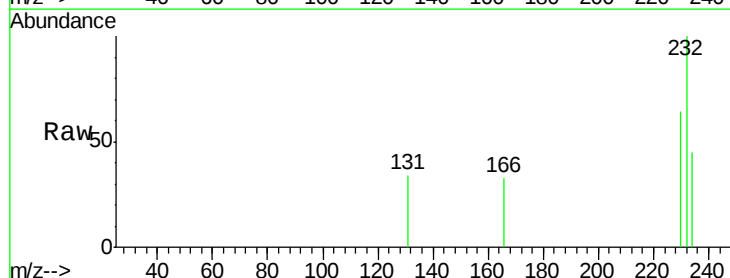
Ion Ratio Lower Upper

232 100

131 52.7 0.9 1.3#

130 0.0 1.5 2.3#

166 0.0 0.5 0.7#

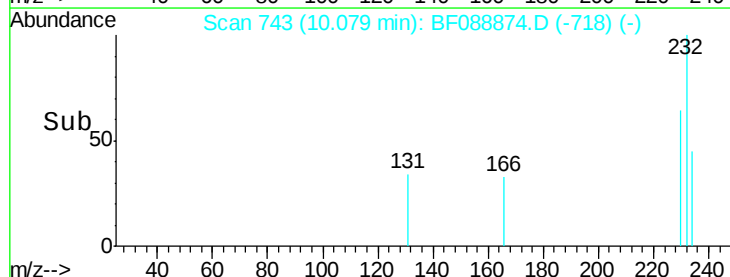
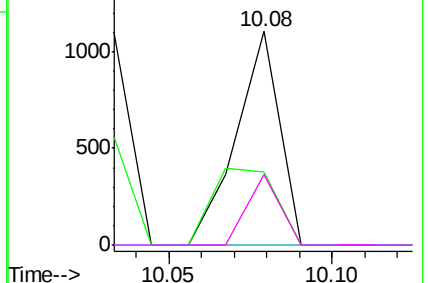


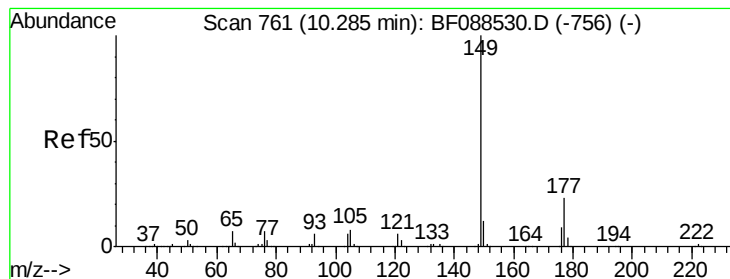
Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.86 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

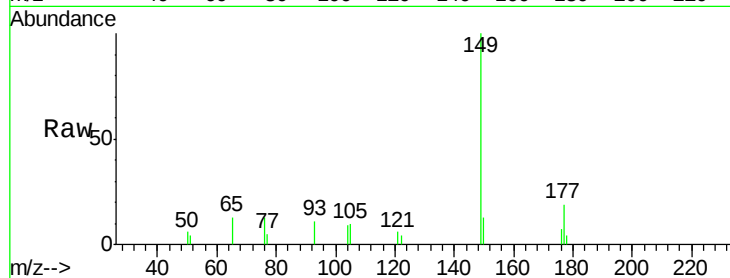
Tot Ion:149 Resp: 7961

Ion Ratio Lower Upper

149 100

177 19.3 16.9 25.3

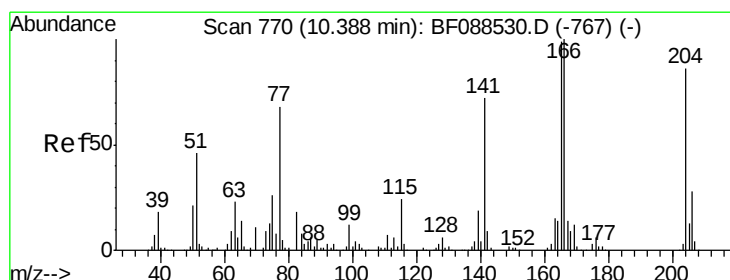
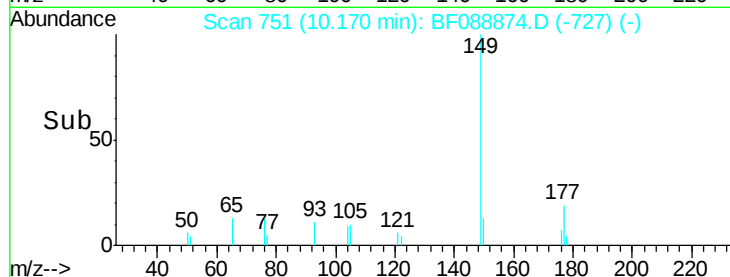
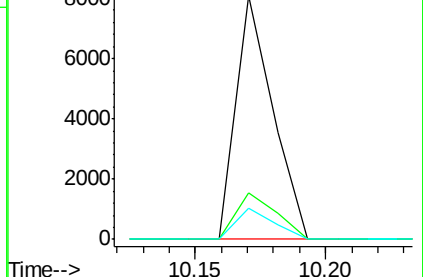
150 13.0 10.1 15.1



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: 0.97 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

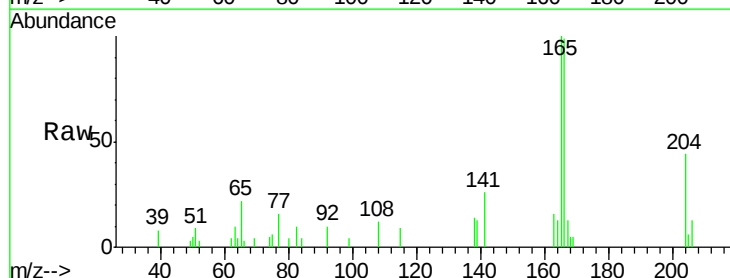
Tgt Ion:204 Resp: 3709

Ion Ratio Lower Upper

204 100

206 30.1 26.3 39.5

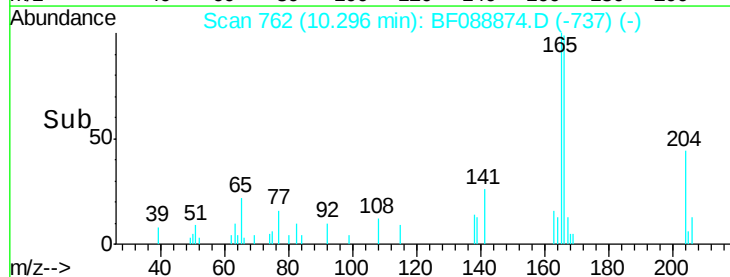
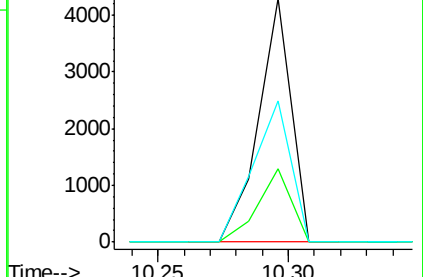
141 58.0 55.0 82.6

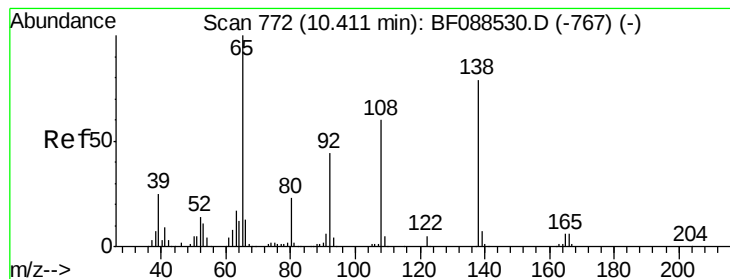


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 0.59 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

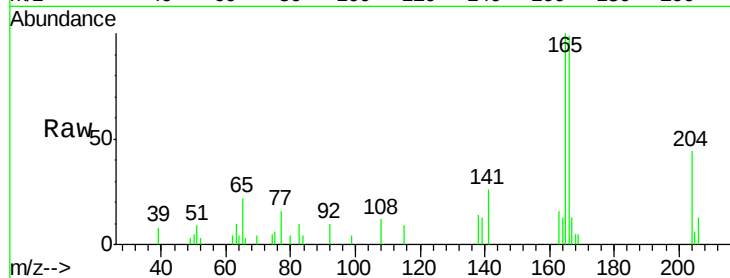
Tot Ion:138 Resp: 1482

Ion Ratio Lower Upper

138 100

92 68.0 27.3 67.3#

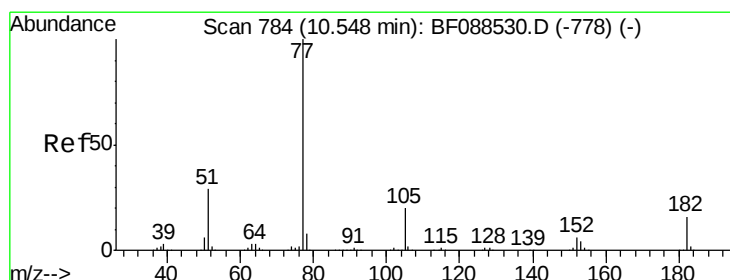
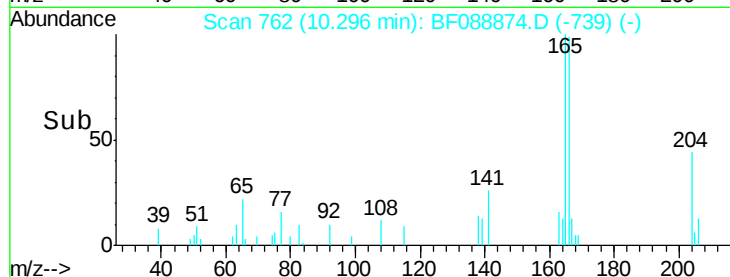
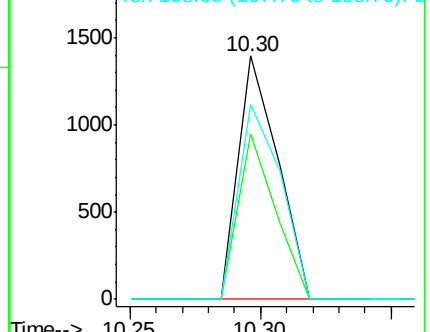
108 80.1 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.77 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion: 77 Resp: 8080

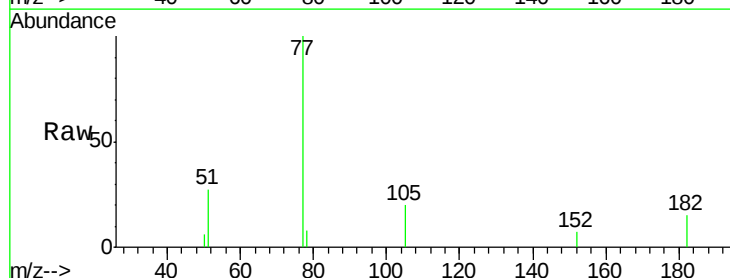
Ion Ratio Lower Upper

77 100

182 14.8 4.4 44.4

105 20.3 3.8 43.8

51 27.0 9.3 49.3

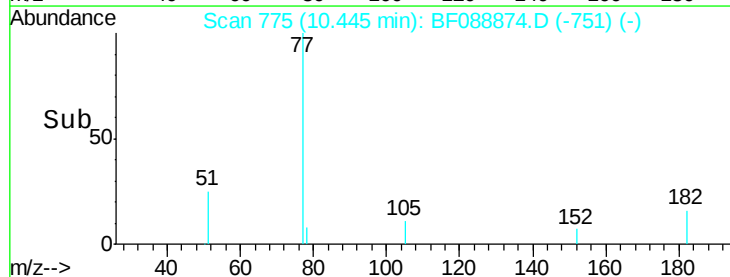
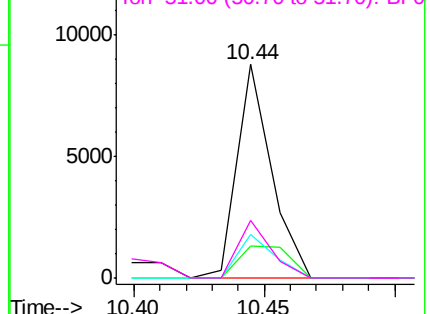


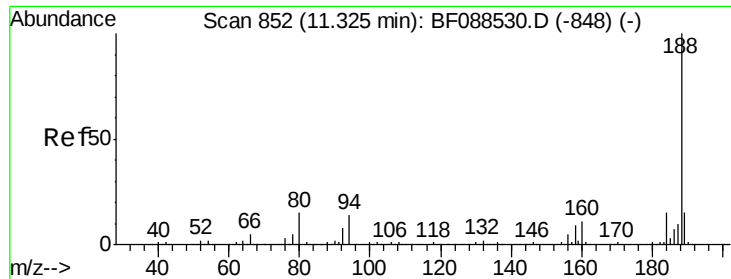
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

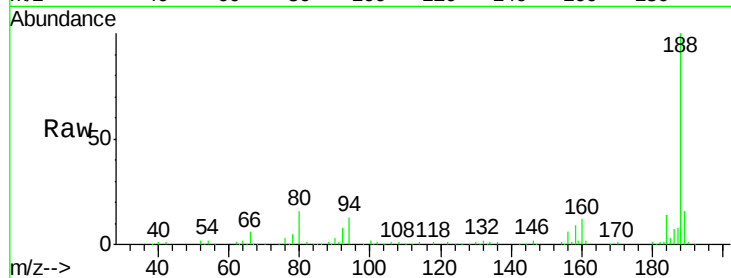




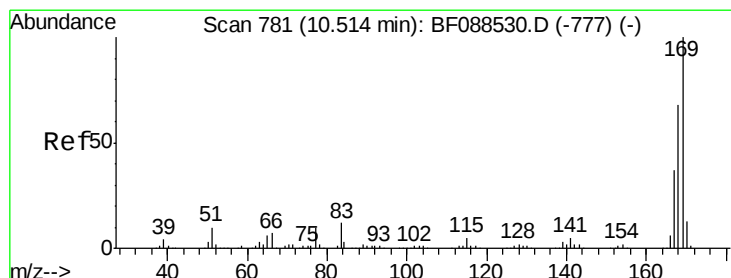
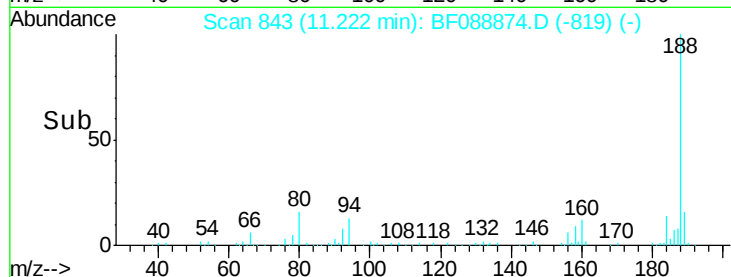
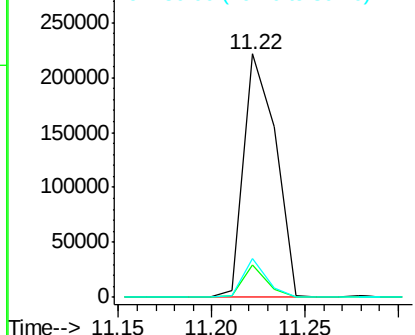
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:188 Resp: 263268
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 15.8 10.0 15.0#

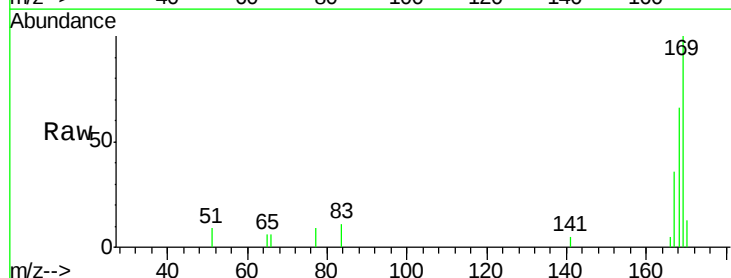


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

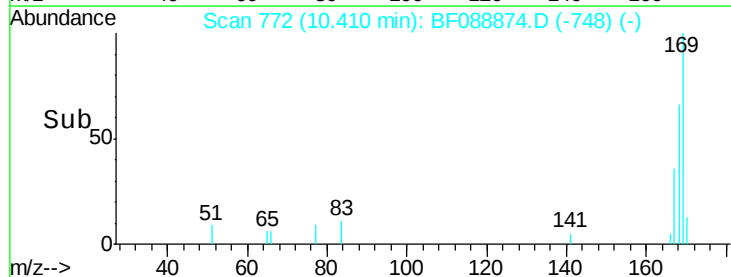
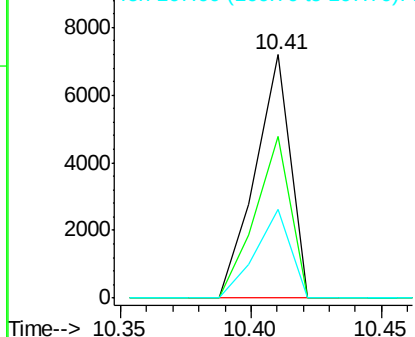


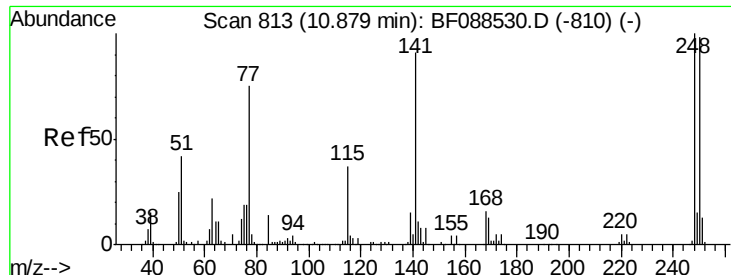
#65
n-Nitrosodiphenylamine
Concen: 0.77 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:169 Resp: 6839
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.3 29.4 44.0



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

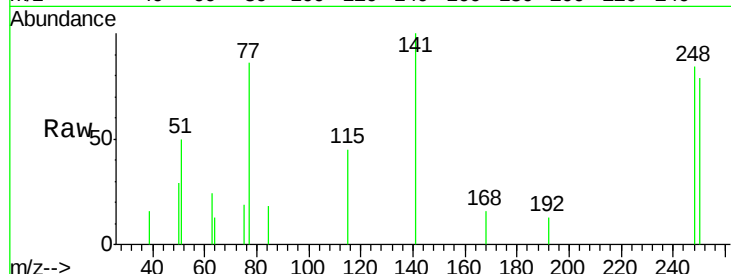




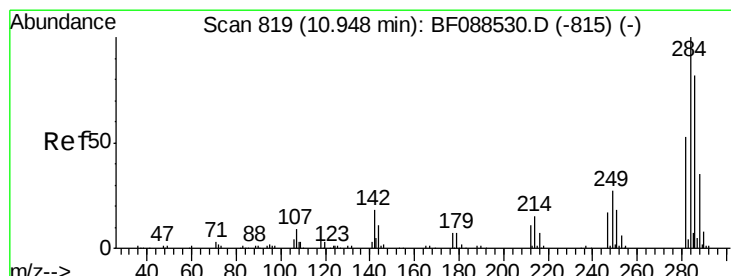
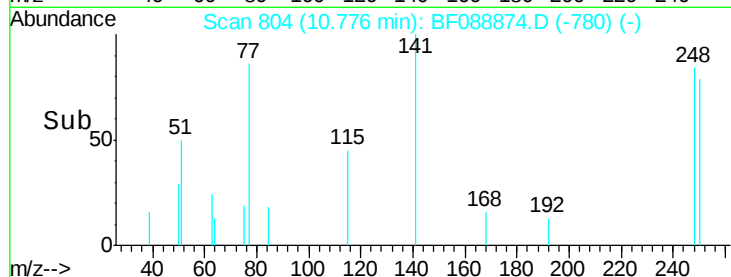
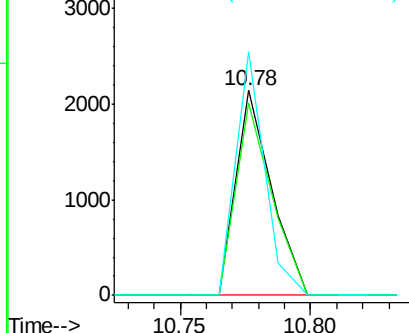
#66
4-Bromophenyl-phenylether
Concen: 0.77 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:248 Resp: 2043
Ion Ratio Lower Upper
248 100
250 94.2 77.1 115.7
141 118.8 50.6 76.0#

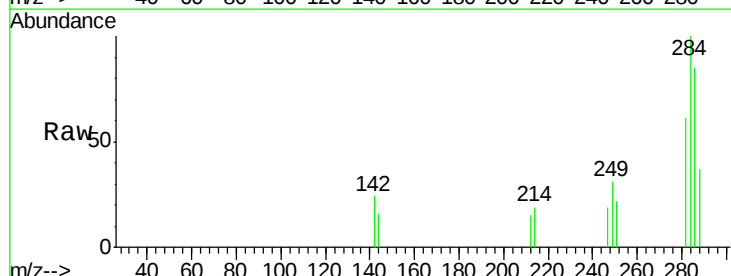


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

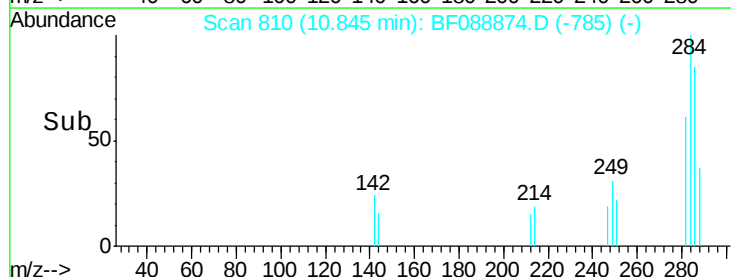
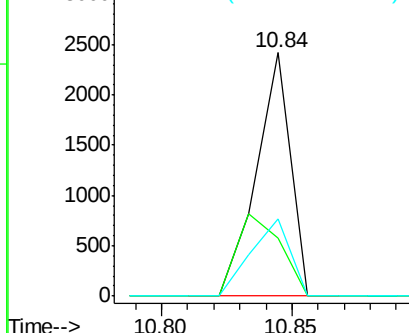


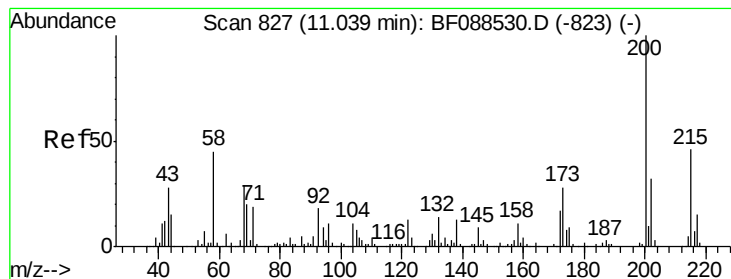
#67
Hexachlorobenzene
Concen: 0.76 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:284 Resp: 2222
Ion Ratio Lower Upper
284 100
142 23.9 35.8 53.8#
249 31.5 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: 0.74 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

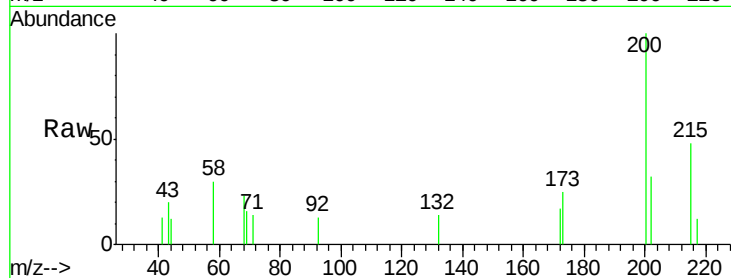
Tot Ion:200 Resp: 2055

Ion Ratio Lower Upper

200 100

173 25.1 4.0 44.0

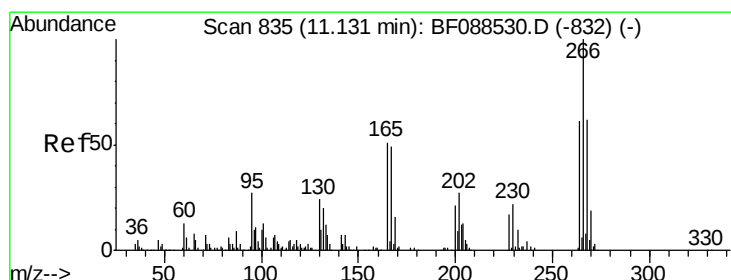
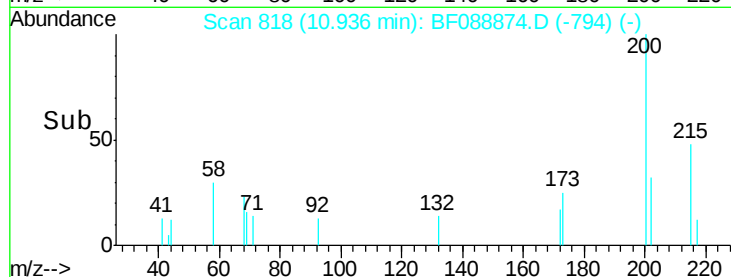
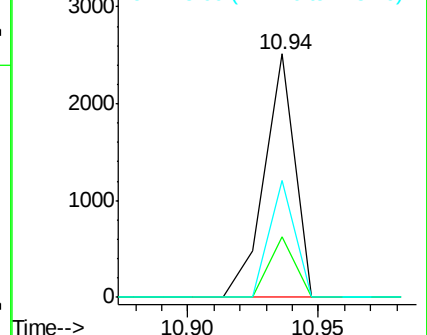
215 47.9 29.3 69.3



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: 0.32 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

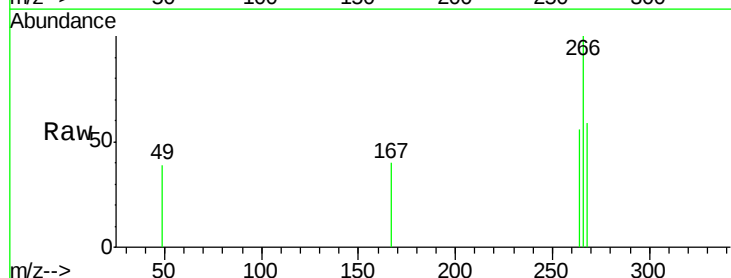
Tgt Ion:266 Resp: 561

Ion Ratio Lower Upper

266 100

268 58.7 52.8 79.2

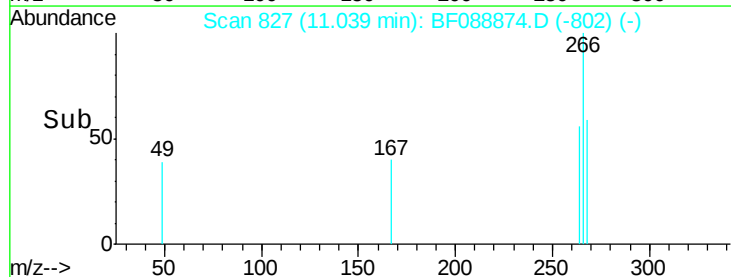
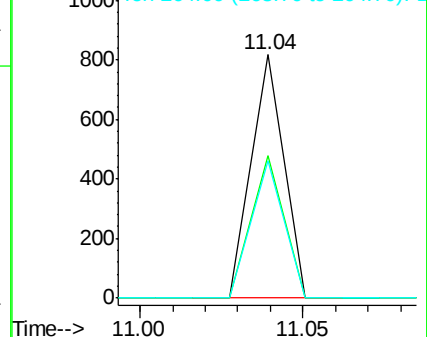
264 56.2 49.6 74.4

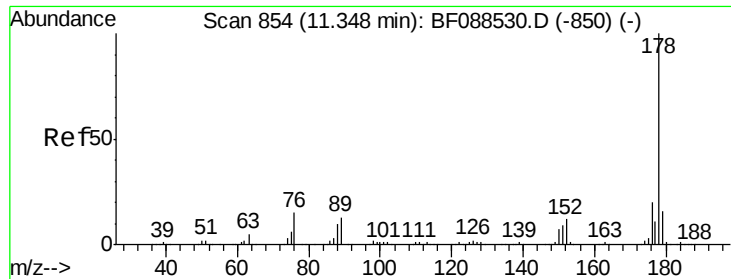


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

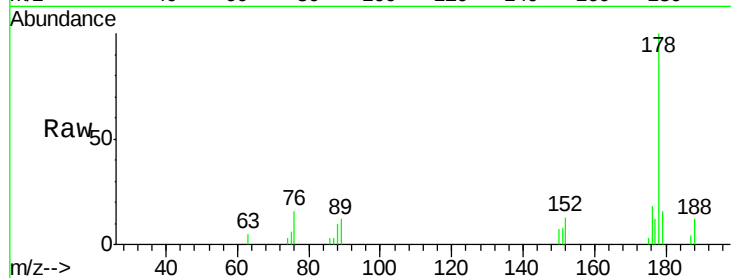




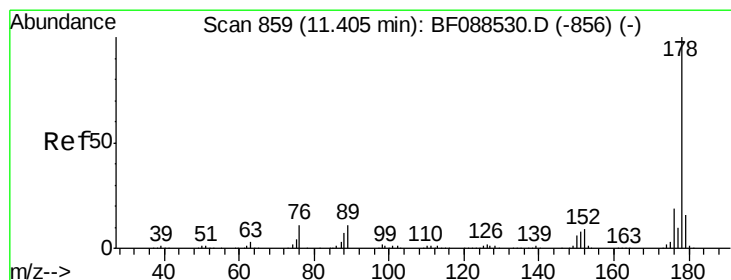
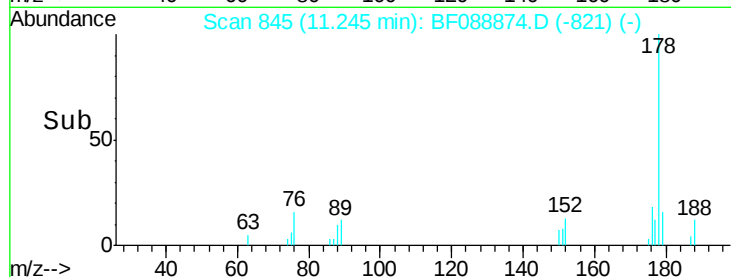
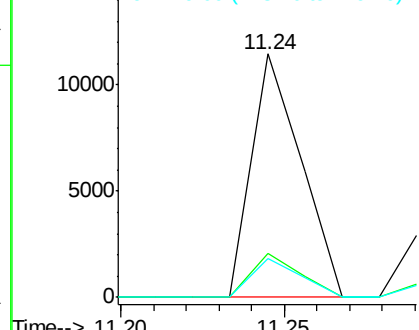
#70
Phenanthrene
Concen: 0.83 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:178 Resp: 11935
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 16.2 13.0 19.4

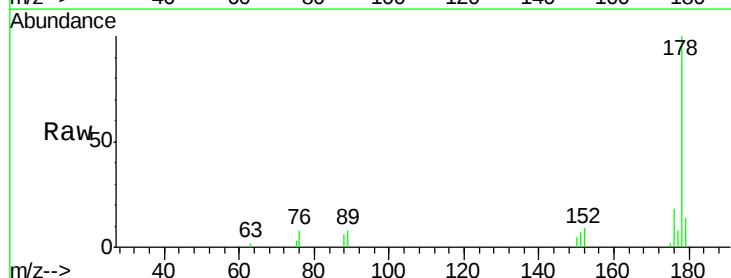


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

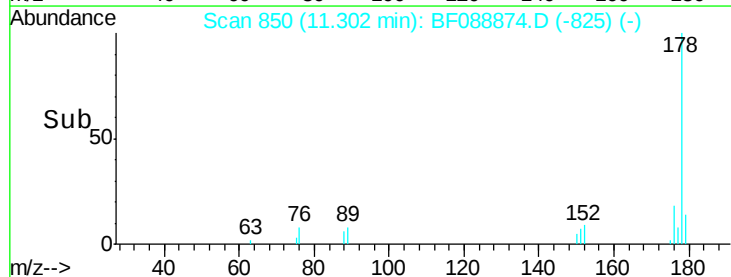
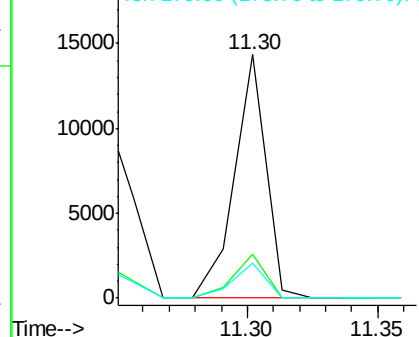


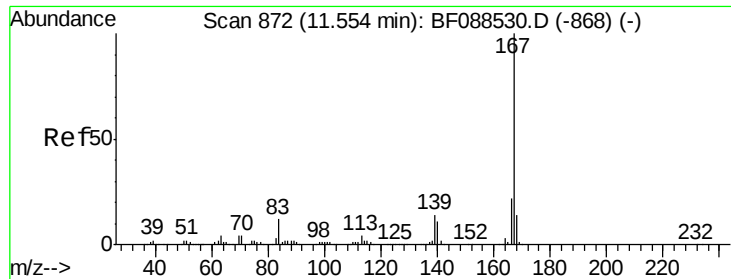
#71
Anthracene
Concen: 0.85 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:178 Resp: 12156
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 14.5 12.8 19.2



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

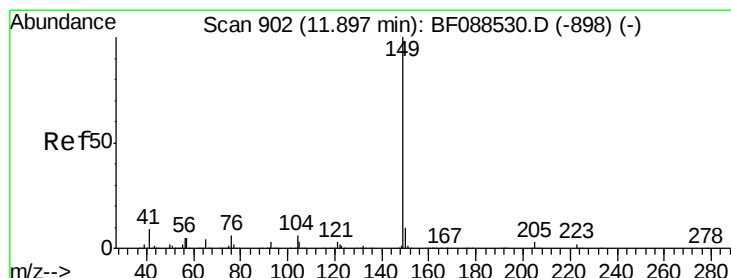
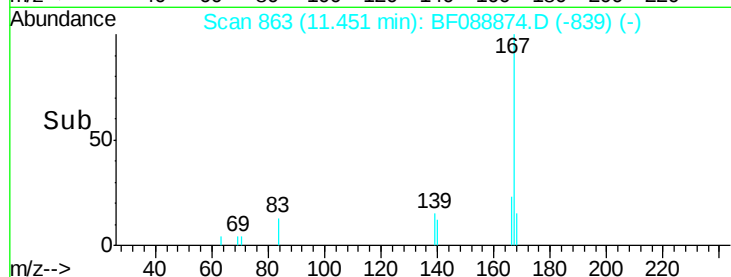
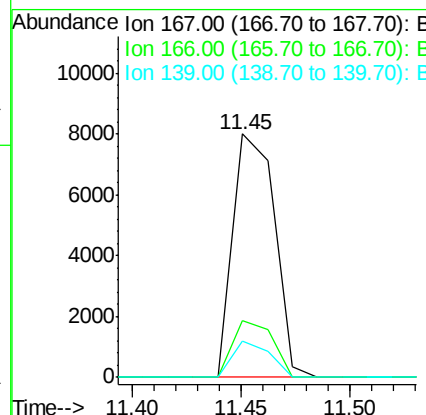
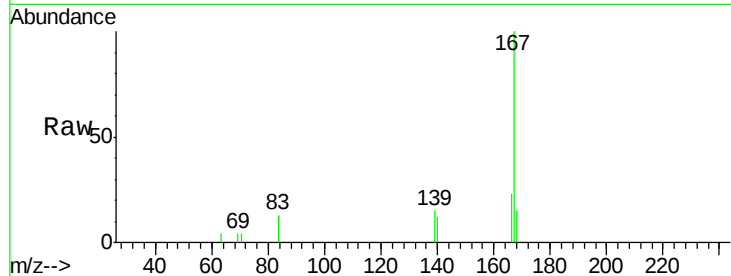




#72
 Carbazole
 Concen: 0.79 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

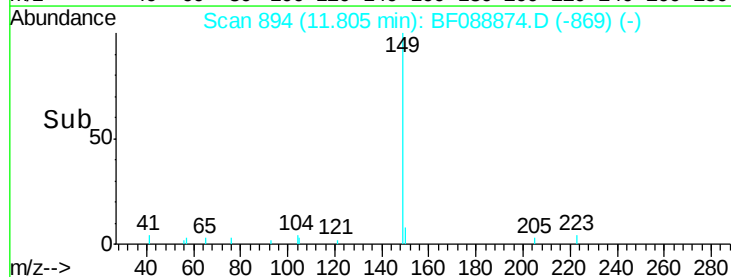
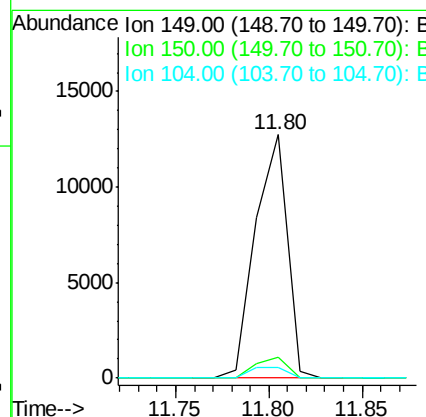
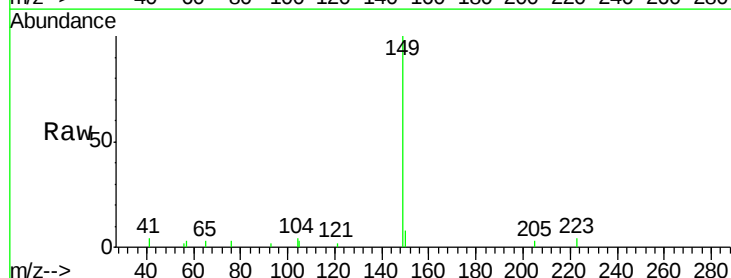
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

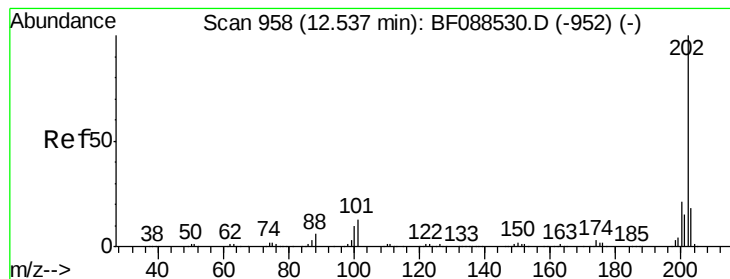
Tot Ion:167 Resp: 10632
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 14.9 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 0.96 ng
 RT: 11.80 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:149 Resp: 15027
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.8 11.6
 104 4.2 4.0 6.0





#74

Fluoranthene

Concen: 0.86 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

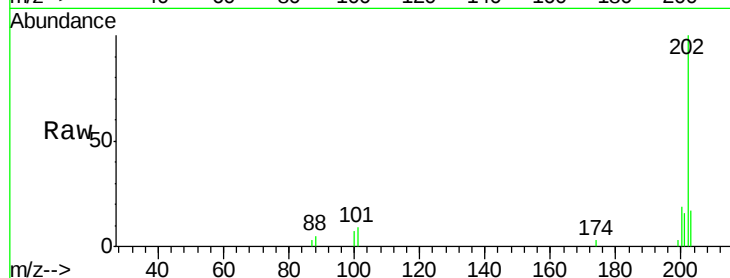
Tot Ion:202 Resp: 12517

Ion Ratio Lower Upper

202 100

101 8.8 0.0 33.1

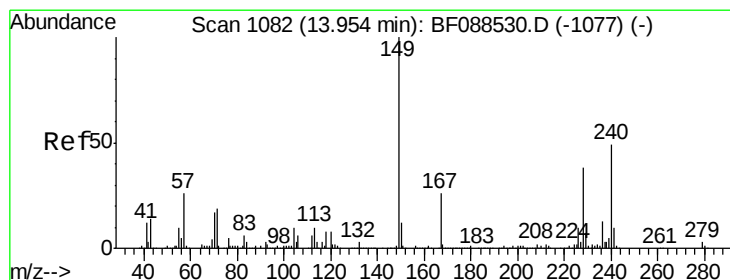
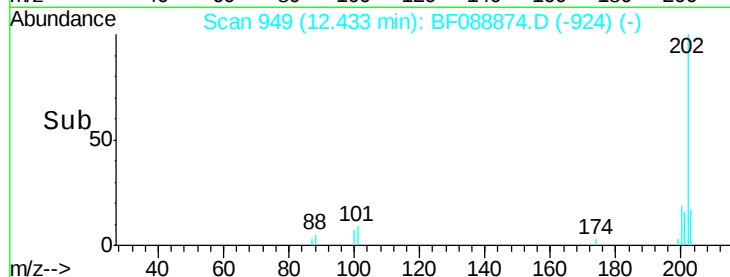
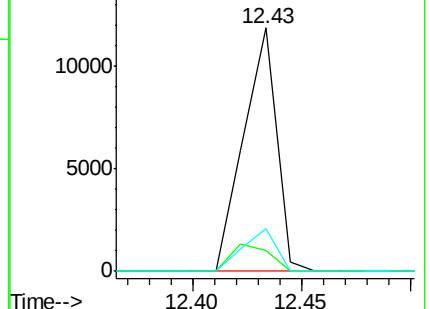
203 17.4 0.0 38.1



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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

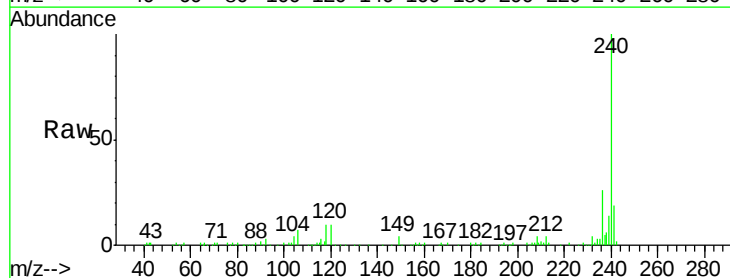
Tgt Ion:240 Resp: 212765

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2

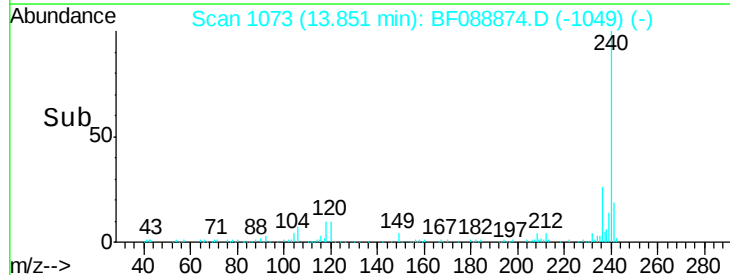
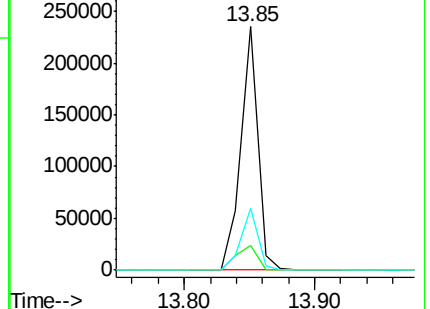
236 25.7 20.2 30.2

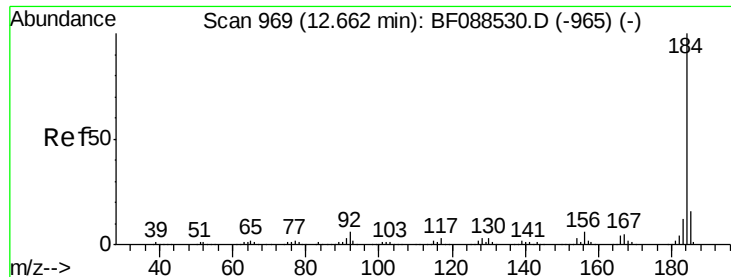


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

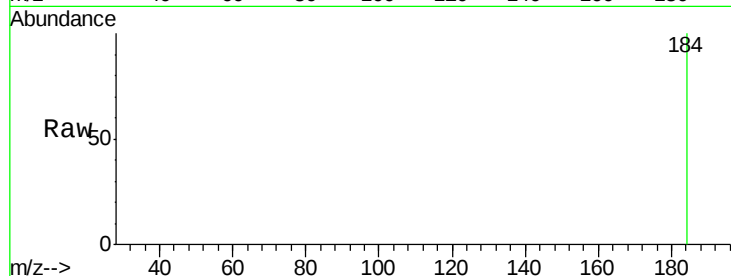




#76
Benzidine
Concen: 0.09 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

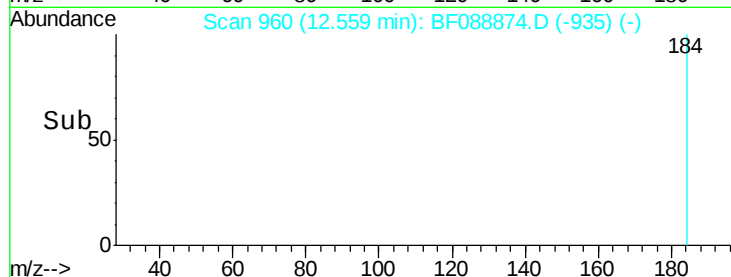
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:184 Resp: 972
Ion Ratio Lower Upper
184 100
185 0.0 12.5 18.7#
183 0.0 9.3 13.9#

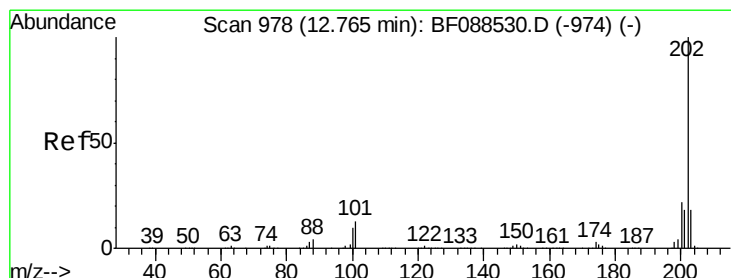


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.56

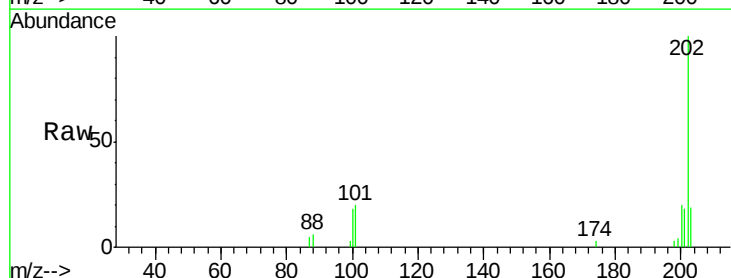


Time-->



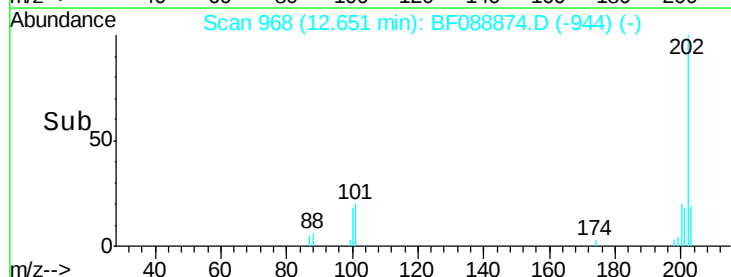
#77
Pyrene
Concen: 0.69 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:202 Resp: 12359
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 18.7 14.5 21.7

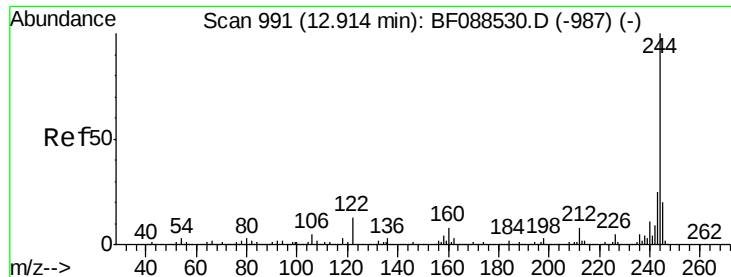


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.65



Time-->



#78

Terphenyl-d14

Concen: 3.52 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

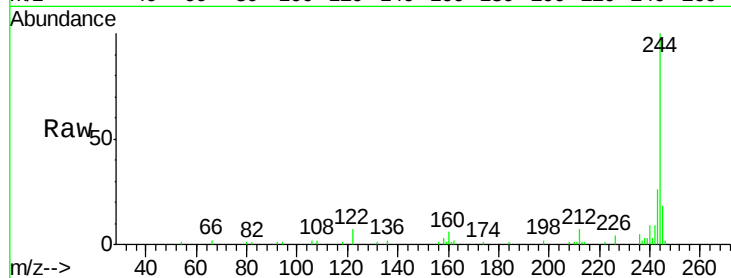
Tot Ion:244 Resp: 33654

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

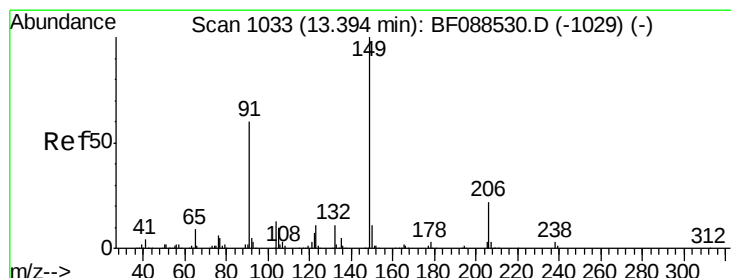
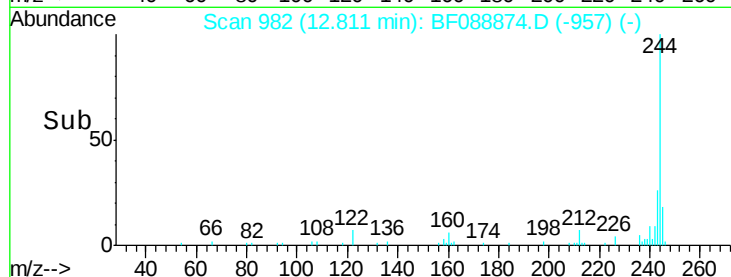
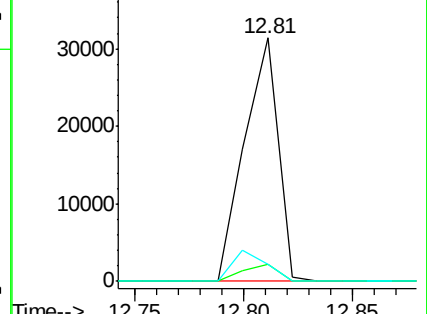
122 7.0 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.63 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

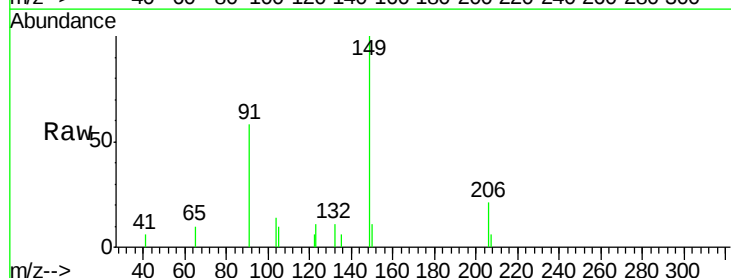
Tgt Ion:149 Resp: 5093

Ion Ratio Lower Upper

149 100

91 58.1 48.0 72.0

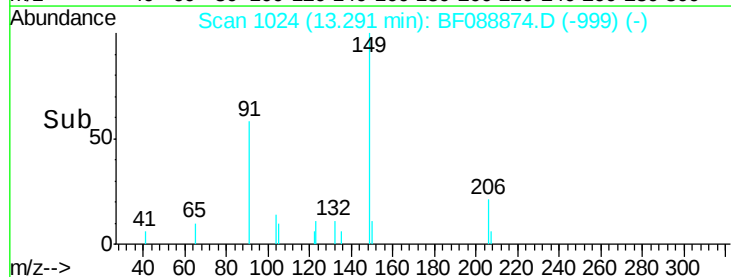
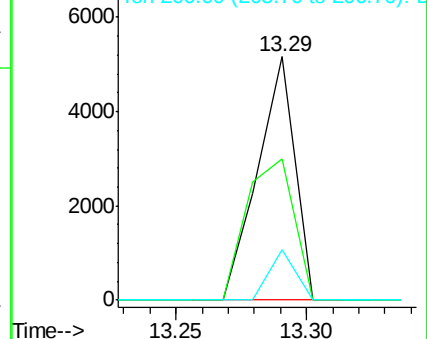
206 20.9 16.0 24.0

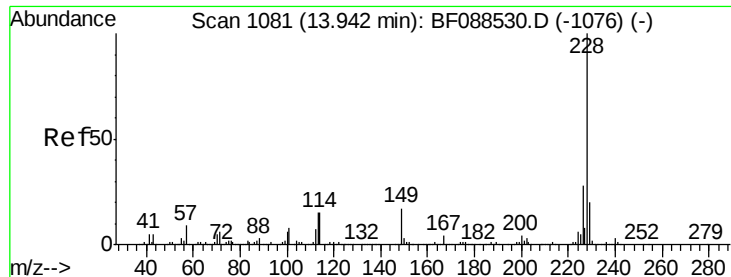


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.78 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

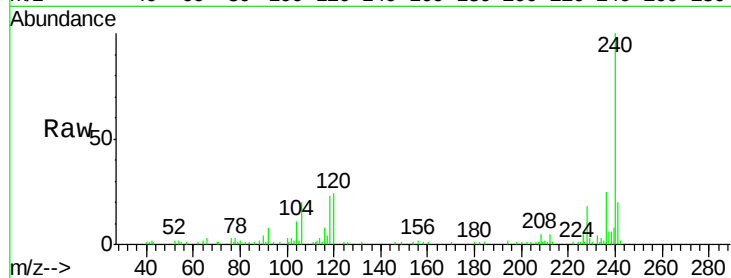
Tot Ion:228 Resp: 10725

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	19.3	16.0	24.0

228 100

226 29.0 22.3 33.5

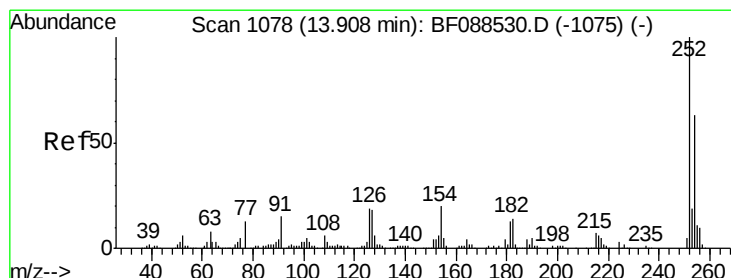
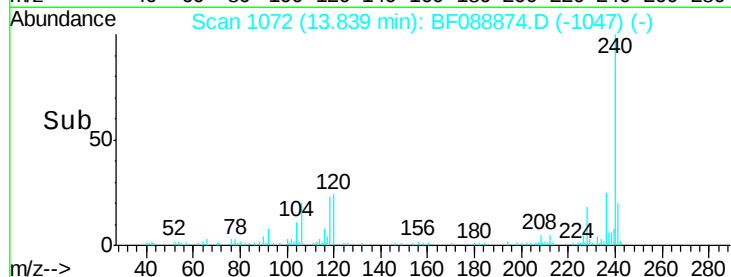
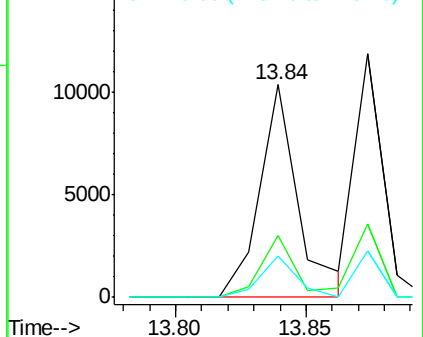
229 19.3 16.0 24.0



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: 0.36 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

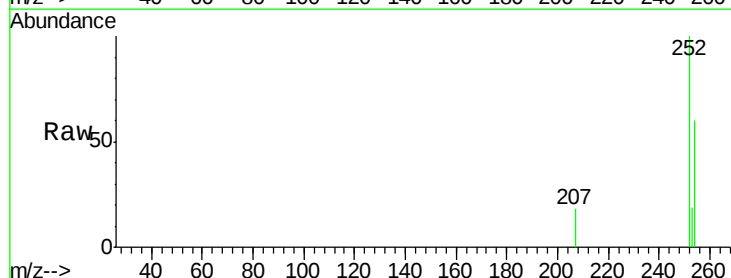
Tgt Ion:252 Resp: 1844

Ion	Ratio	Lower	Upper
252	100		
254	59.6	52.6	78.8
126	0.0	6.2	9.2#

252 100

254 59.6 52.6 78.8

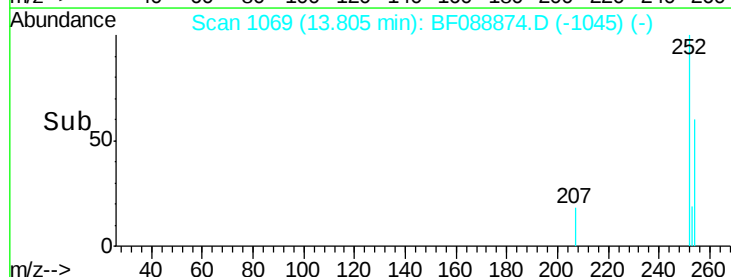
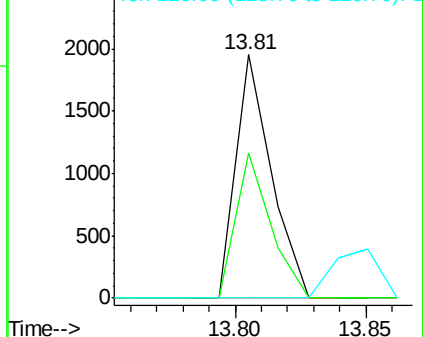
126 0.0 6.2 9.2#

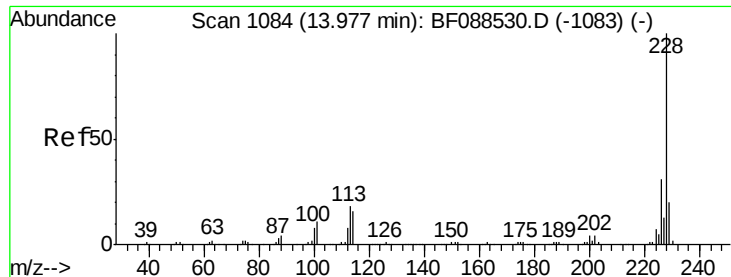


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

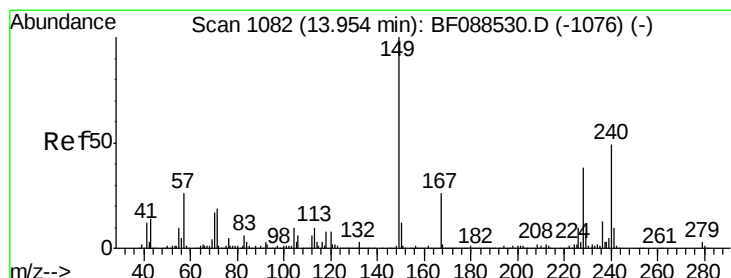
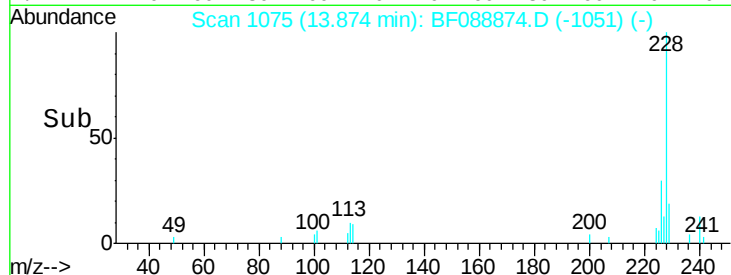
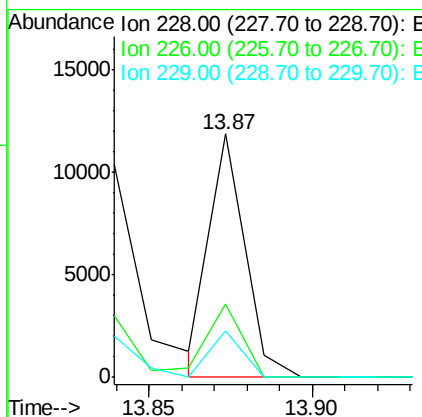
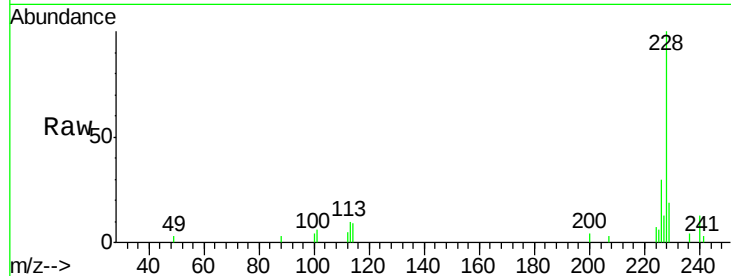




#82
Chrysene
Concen: 0.66 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

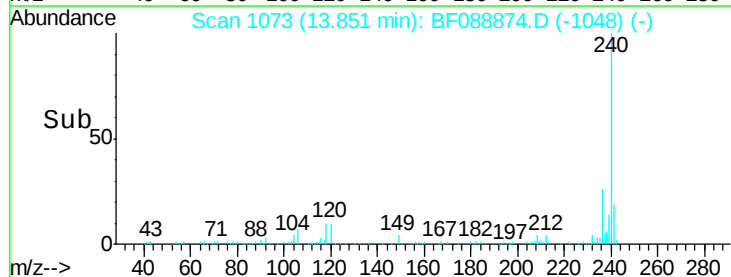
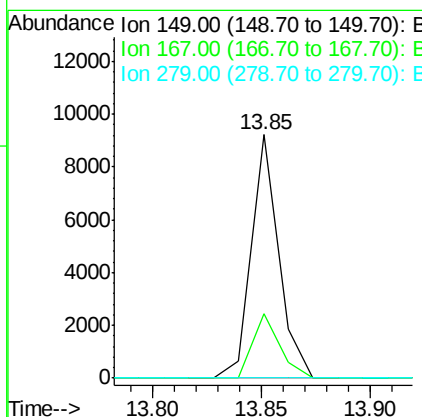
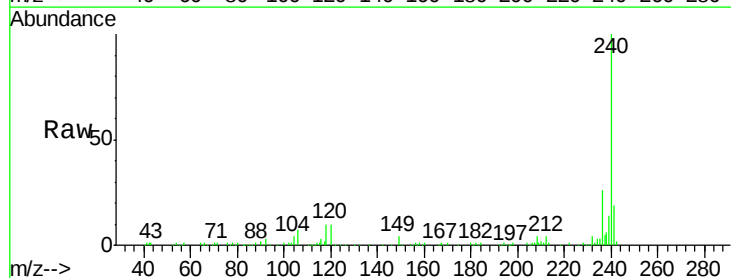
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

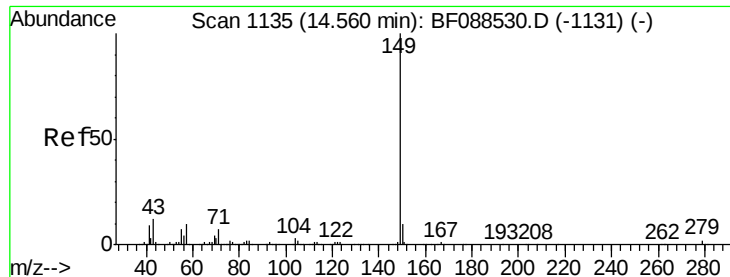
Tot Ion:228 Resp: 8890
Ion Ratio Lower Upper
228 100
226 30.1 25.4 38.2
229 19.0 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.88 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:149 Resp: 8053
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 0.0 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 0.60 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

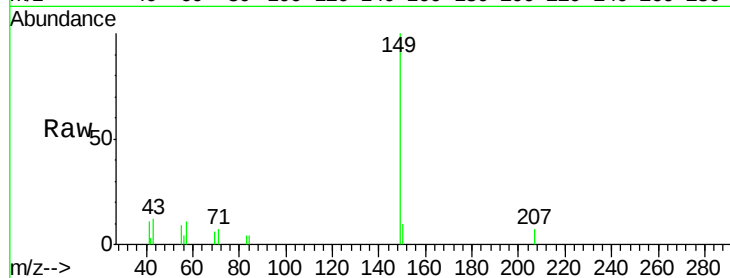
Tot Ion:149 Resp: 9403

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

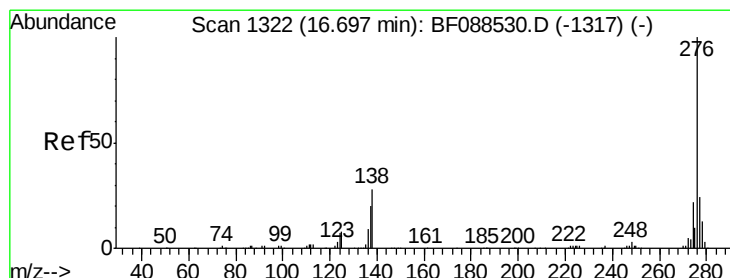
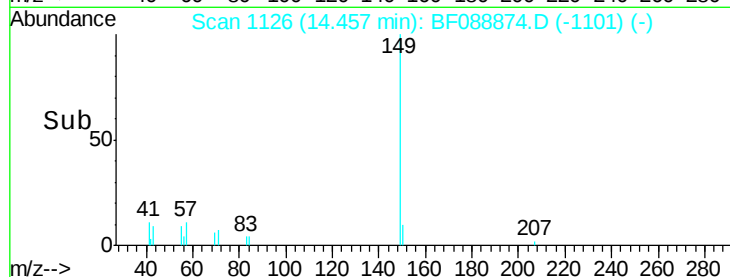
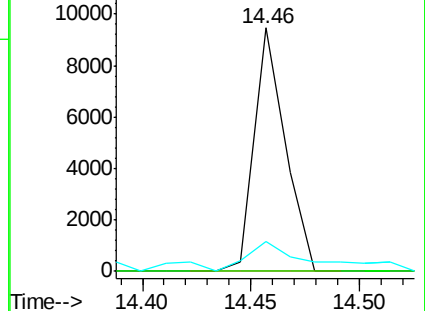
43 31.0 0.0 0.0#



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: 0.59 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

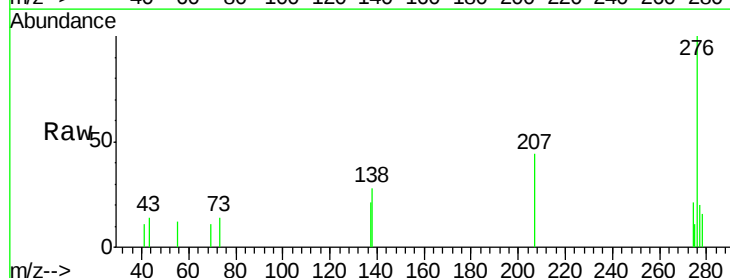
Tgt Ion:276 Resp: 6141

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

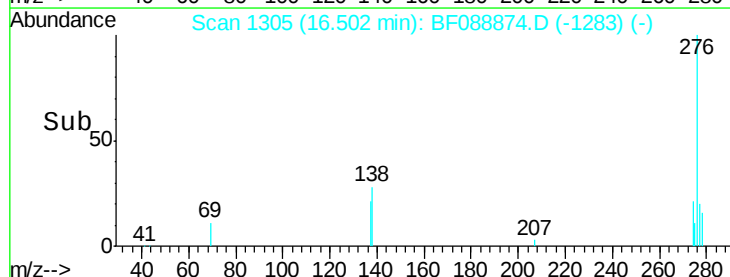
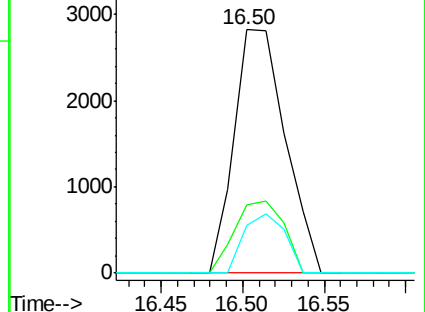
277 19.6 0.0 0.0#

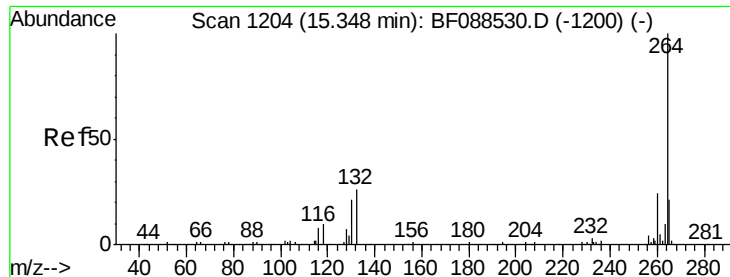


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

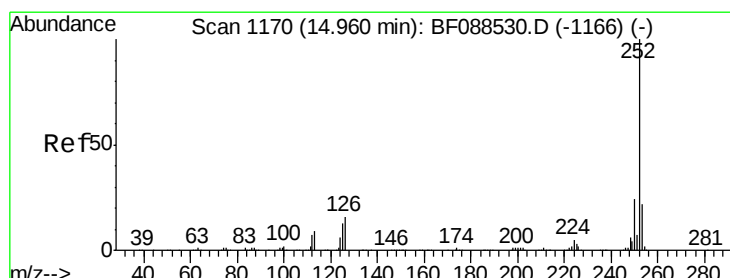
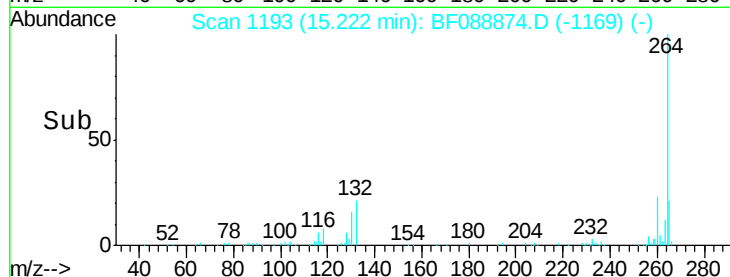
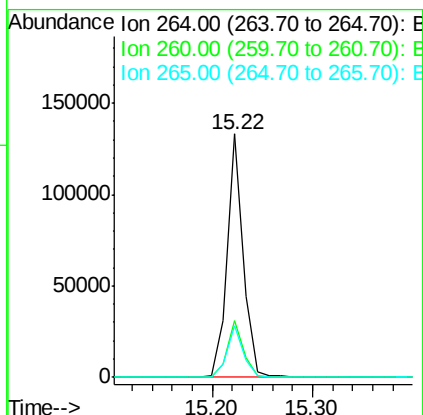
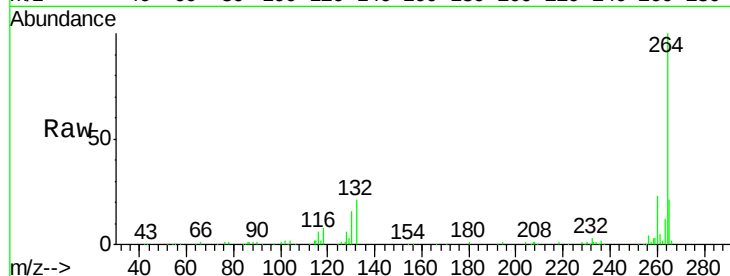




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

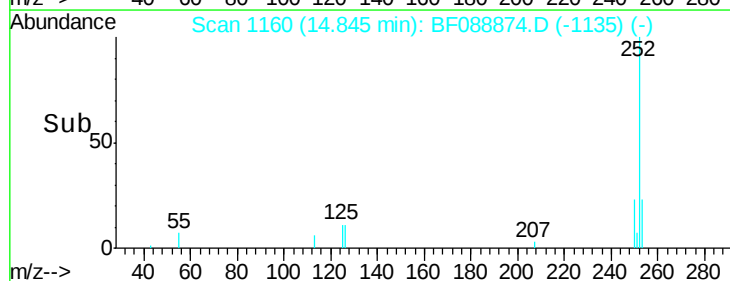
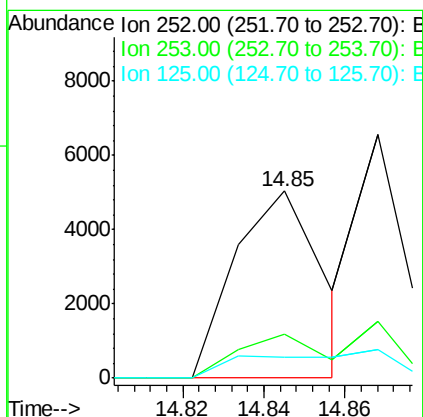
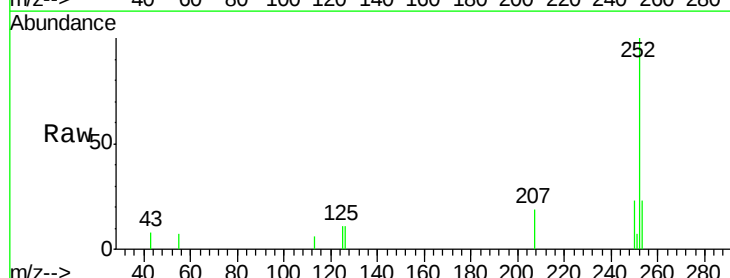
Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

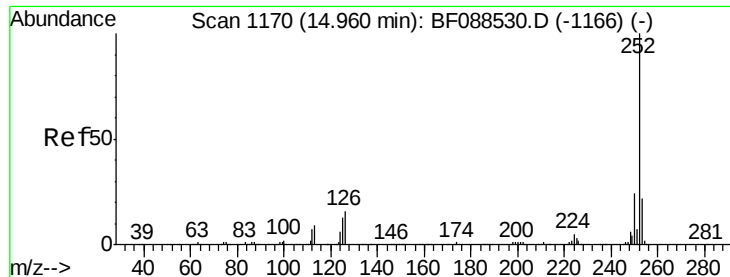
Tot Ion:264 Resp: 148272
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 0.81 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:252 Resp: 7529
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.8 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 0.65 ng m

RT: 14.87 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

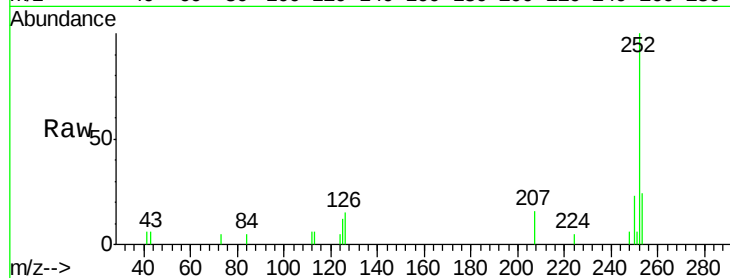
Tot Ion:252 Resp: 5247

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

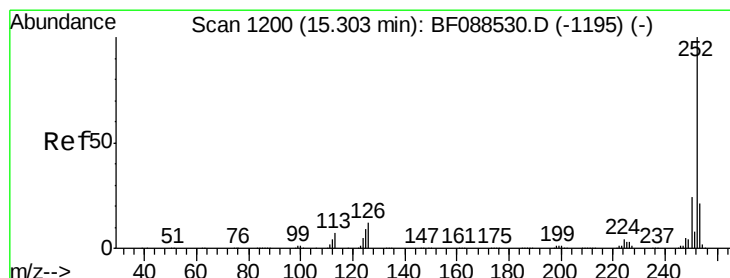
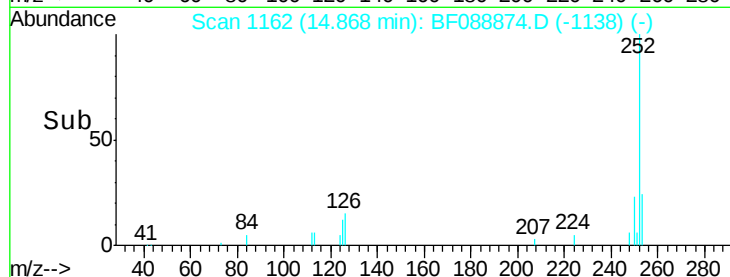
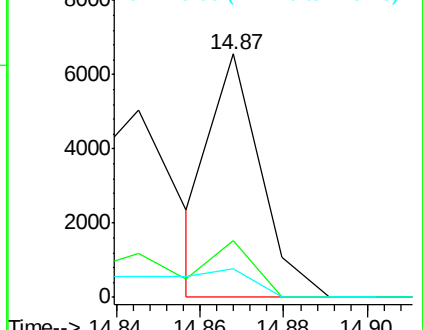
125 11.8 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.71 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

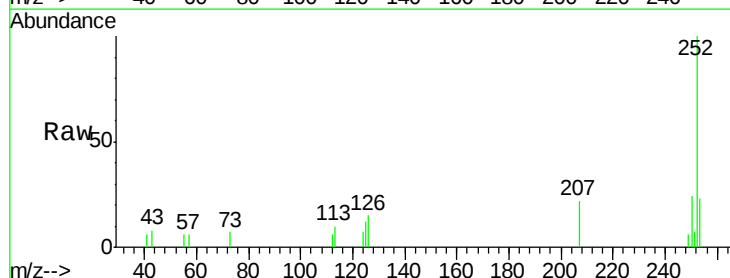
Tgt Ion:252 Resp: 5626

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

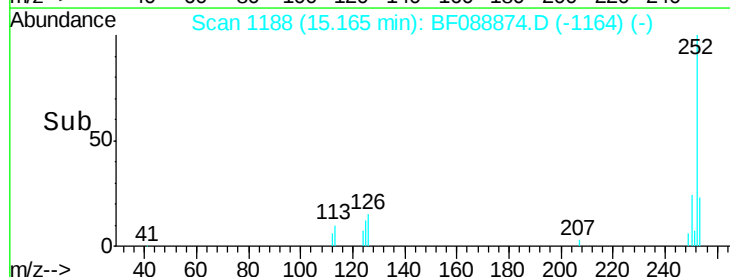
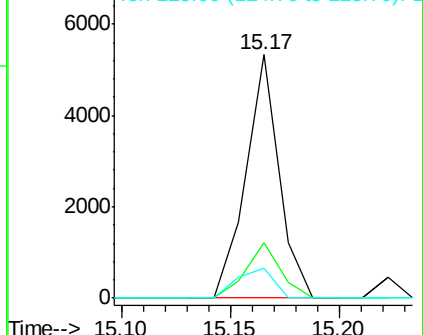
125 12.4 12.5 18.7#

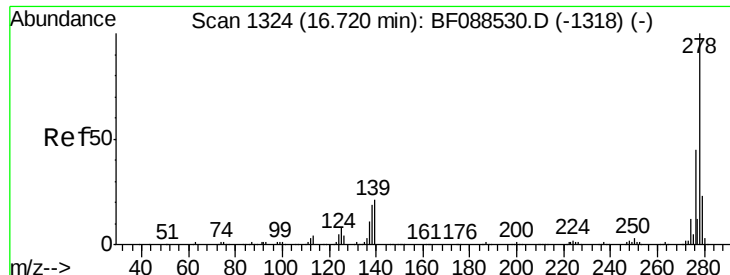


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

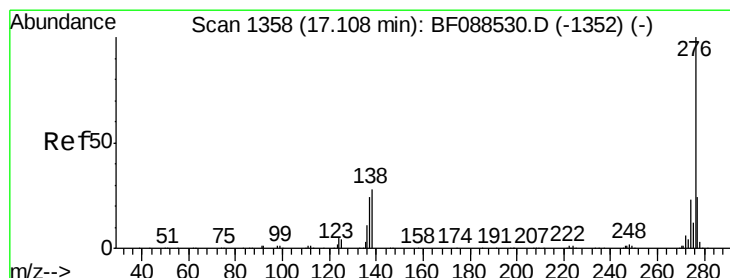
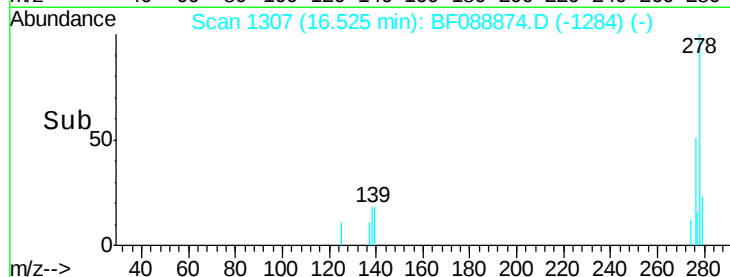
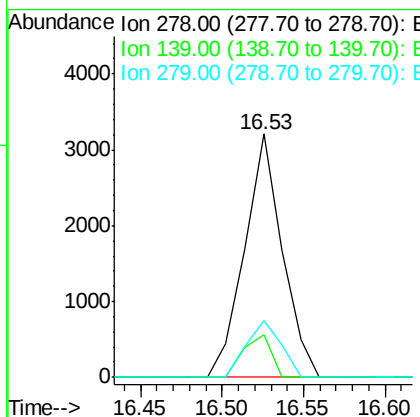
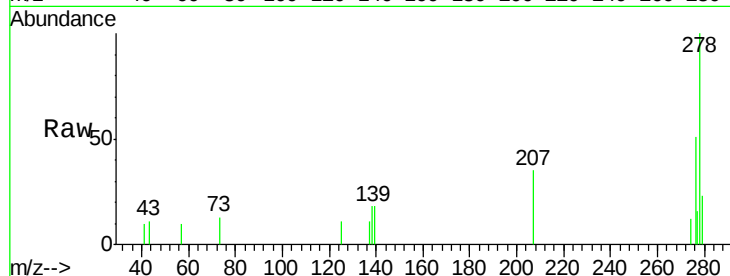




#90
Dibenzo(a,h)anthracene
Concen: 0.78 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:278 Resp: 5148
Ion Ratio Lower Upper
278 100
139 17.7 15.7 23.5
279 23.2 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 16.89 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:276 Resp: 5294
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 24.2 21.4 32.2

