

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088881.D
 Acq On : 9 Jul 2016 20:03
 Operator : UM/SJ
 Sample : H3813-14MS 25X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Quant Time: Jul 11 15:43:30 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	71981	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	279595	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130325	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	248743	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	142725	20.00	ng	-0.02
86) Perylene-d12	15.23	264	136768	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	18042	3.76	ng	-0.03
7) Phenol-d6	6.34	99	24894	4.01	ng	-0.03
23) Nitrobenzene-d5	7.28	82	15622	2.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	6073	5.02	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	30255	3.67	ng	-0.01
78) Terphenyl-d14	12.81	244	25139	3.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	1999	0.84	ng	# 34
3) Pyridine	2.95	79	2164	0.31	ng	# 85
4) n-Nitrosodimethylamine	2.83	42	947	0.36	ng	# 96
6) Aniline	6.38	93	1609	0.18	ng	95
8) 2-Chlorophenol	6.49	128	3706	0.72	ng	95
9) Benzaldehyde	6.25	77	2321	0.55	ng	# 78
10) Phenol	6.36	94	4678	0.66	ng	87
11) bis(2-Chloroethyl)ether	6.44	93	3476	0.66	ng	94
12) 1,3-Dichlorobenzene	6.65	146	3762	0.66	ng	# 90
13) 1,4-Dichlorobenzene	6.73	146	3940m	0.70	ng	
14) 1,2-Dichlorobenzene	6.89	146	3973m	0.75	ng	
15) Benzyl Alcohol	6.86	79	3311	0.72	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4547	0.59	ng	86
17) 2-Methylphenol	6.98	107	2767	0.66	ng	93
18) Hexachloroethane	7.23	117	1281	0.59	ng	89
19) n-Nitroso-di-n-propylamine	7.13	70	2936	0.70	ng	# 85
20) 3+4-Methylphenols	7.13	107	4124	0.82	ng	# 81
22) Acetophenone	7.13	105	5268	0.78	ng	# 89
24) Nitrobenzene	7.29	77	3748	0.70	ng	# 80
25) Isophorone	7.54	82	7395	0.75	ng	95
26) 2-Nitrophenol	7.62	139	1592	0.72	ng	# 89
27) 2,4-Dimethylphenol	7.67	122	2605	0.57	ng	92
28) bis(2-Chloroethoxy)methane	7.76	93	5413	0.84	ng	# 92
29) 2,4-Dichlorophenol	7.86	162	2610	0.70	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	3195	0.78	ng	# 93
31) Naphthalene	8.02	128	12065	0.88	ng	99
32) Benzoic acid	7.72	122	206	0.06	ng	87
33) 4-Chloroaniline	8.08	127	1730	0.28	ng	98
34) Hexachlorobutadiene	8.15	225	1911	0.88	ng	93
35) Caprolactam	8.39	113	790	0.63	ng	# 84
36) 4-Chloro-3-methylphenol	8.56	107	3381	0.77	ng	96
37) 2-Methylnaphthalene	8.72	142	7887	0.89	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3379	0.78	ng	# 1
40) Hexachlorocyclopentadiene	8.88	237	833	0.39	ng	91

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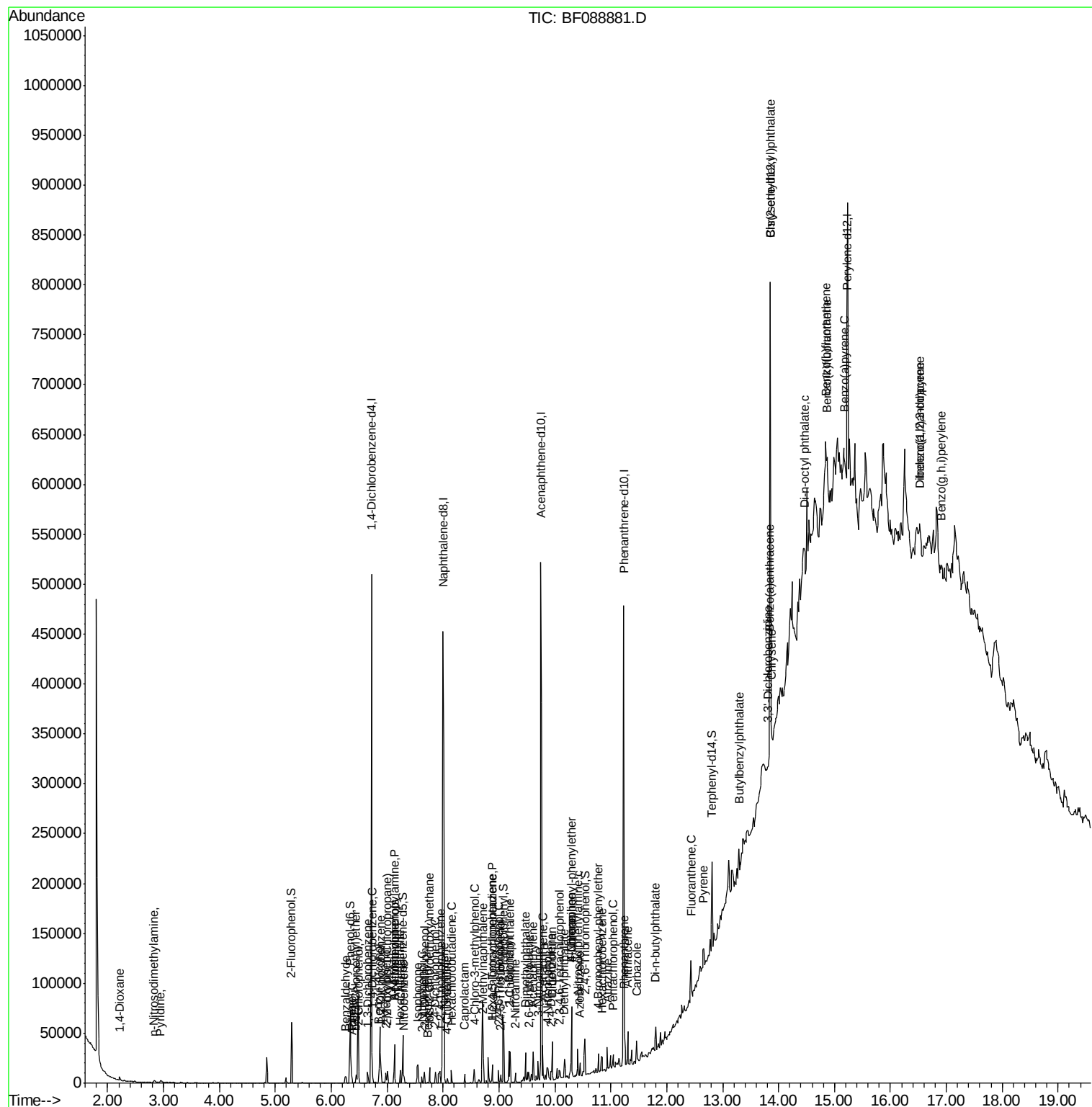
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	2048	0.72	nq	94
43) 2,4,5-Trichlorophenol	9.03	196	1814	0.74	nq	# 72
45) 1,1'-Biphenyl	9.18	154	9781	0.91	nq	99
46) 2-Chloronaphthalene	9.20	162	7856	0.93	nq	98
47) 2-Nitroaniline	9.29	65	2106	0.70	nq	88
48) Acenaphthylene	9.61	152	12002	0.89	nq	100
49) Dimethylphthalate	9.47	163	11444	1.23	nq	100
50) 2,6-Dinitrotoluene	9.53	165	1384	0.67	nq	# 1
51) Acenaphthene	9.78	154	7798	0.94	nq	97
52) 3-Nitroaniline	9.70	138	1199	0.46	nq	# 95
54) Dibenzofuran	9.95	168	11383	1.05	nq	# 90
55) 4-Nitrophenol	9.87	139	3035	1.53	nq	# 76
56) 2,4-Dinitrotoluene	9.93	165	1935	0.72	nq	# 24
57) Fluorene	10.30	166	8896	1.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1333	0.70	nq	# 40
59) Diethylphthalate	10.17	149	8555	0.92	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	3781	0.98	nq	93
61) 4-Nitroaniline	10.30	138	1634	0.65	nq	81
62) Azobenzene	10.44	77	9150	0.86	nq	89
65) n-Nitrosodiphenylamine	10.41	169	7113	0.84	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	2080	0.83	nq	# 66
67) Hexachlorobenzene	10.84	284	2264	0.82	nq	# 85
68) Atrazine	10.94	200	2093	0.80	nq	93
69) Pentachlorophenol	11.04	266	1846	1.12	nq	95
70) Phenanthrene	11.24	178	10971	0.81	nq	97
71) Anthracene	11.30	178	12062	0.89	nq	99
72) Carbazole	11.46	167	10248	0.81	nq	97
73) Di-n-butylphthalate	11.81	149	14903	1.01	nq	98
74) Fluoranthene	12.43	202	10854	0.79	nq	96
77) Pyrene	12.66	202	9761	0.81	nq	95
79) Butylbenzylphthalate	13.29	149	6596	1.22	nq	# 83
80) Benzo(a)anthracene	13.84	228	7497	0.82	nq	# 92
81) 3,3'-Dichlorobenzidine	13.81	252	940	0.27	nq	# 52
82) Chrysene	13.87	228	6783	0.75	nq	# 95
83) Bis(2-ethylhexyl)phthalate	13.85	149	7095	1.15	nq	# 93
84) Di-n-octyl phthalate	14.47	149	8458	0.81	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.53	276	7818	1.12	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	6379m	0.74	nq	
88) Benzo(k)fluoranthene	14.87	252	6084m	0.81	nq	
89) Benzo(a)pyrene	15.18	252	6832	0.94	nq	# 1
90) Dibenzo(a,h)anthracene	16.54	278	7735	1.28	nq	# 1
91) Benzo(g,h,i)perylene	16.91	276	8079	1.29	nq	# 60

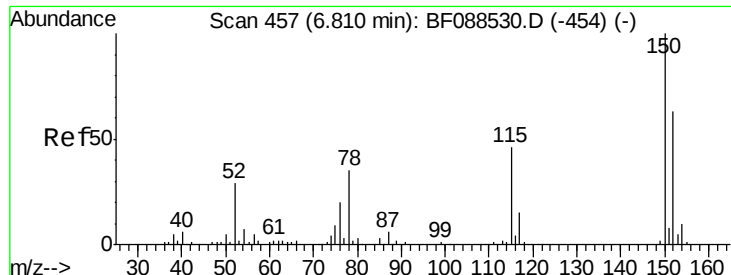
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

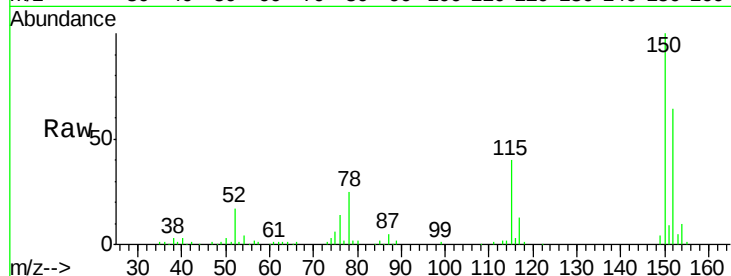
Tot Ion:152 Resp: 71981

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

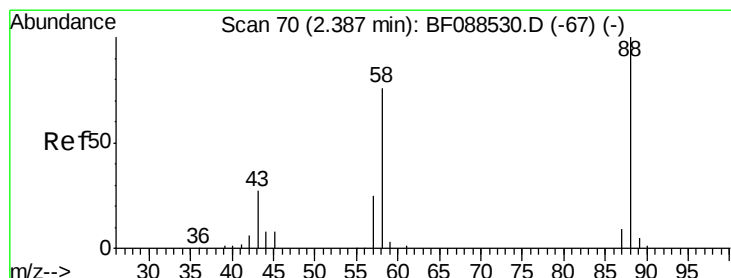
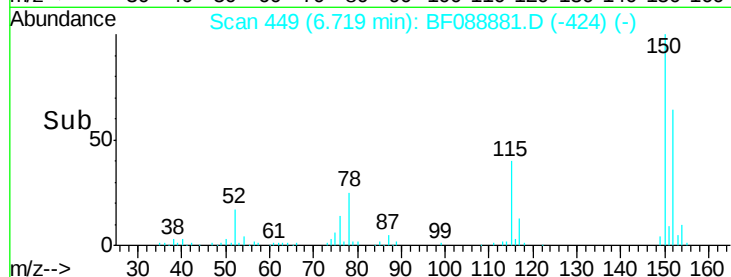
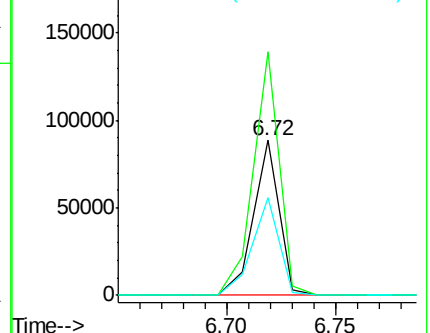
115 63.0 39.6 59.4#



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: 0.84 ng

RT: 2.22 min Scan# 55

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

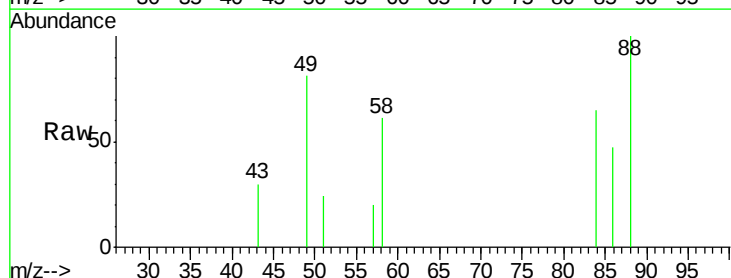
Tgt Ion: 88 Resp: 1999

Ion Ratio Lower Upper

88 100

58 53.8 0.0 0.0#

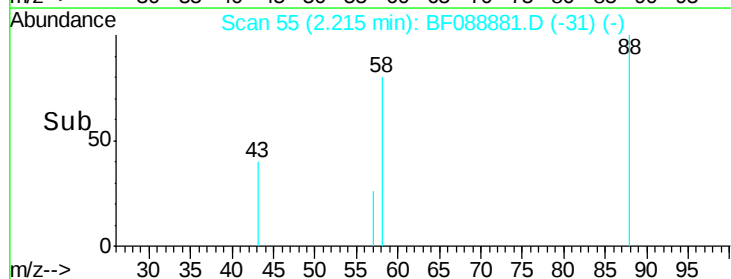
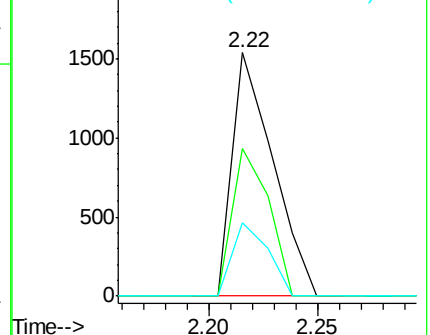
43 26.2 3.4 5.2#

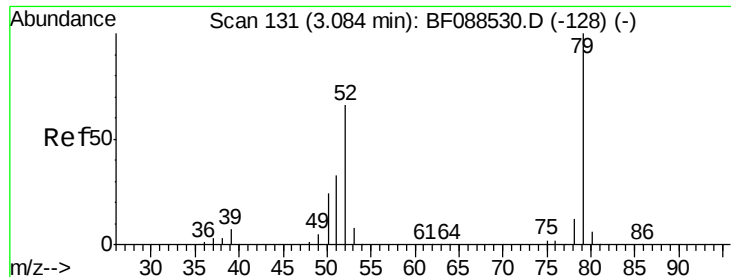


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.31 ng

RT: 2.95 min Scan# 119

Delta R.T. 0.05 min

Lab File: BF088881.D

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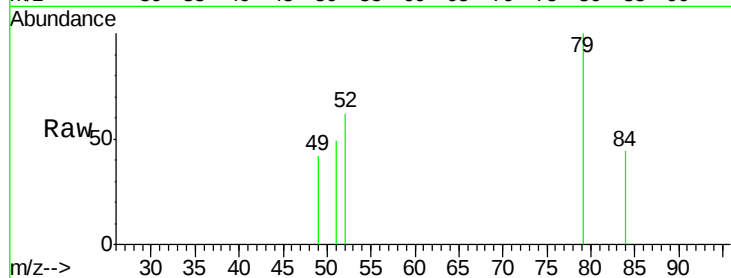
Tot Ion: 79 Resp: 2164

Ion Ratio Lower Upper

79 100

52 61.8 56.3 84.5

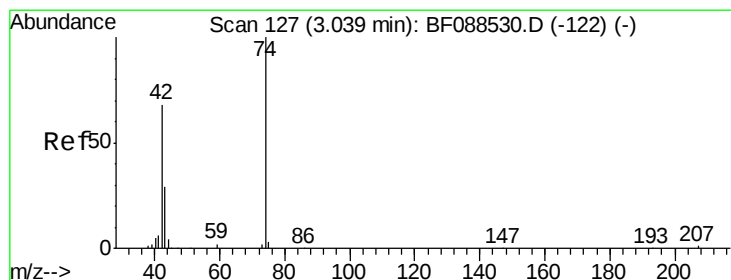
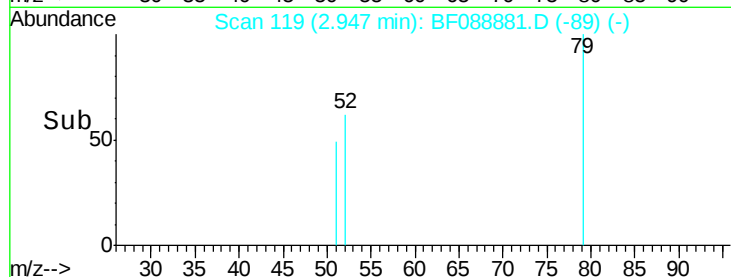
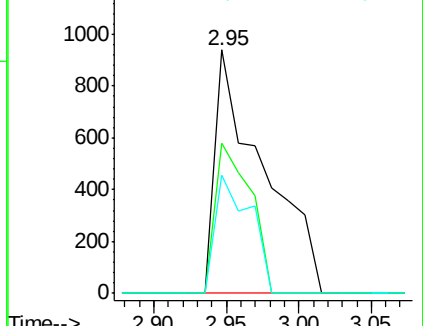
51 48.8 27.4 41.2#



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: 0.36 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.03 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

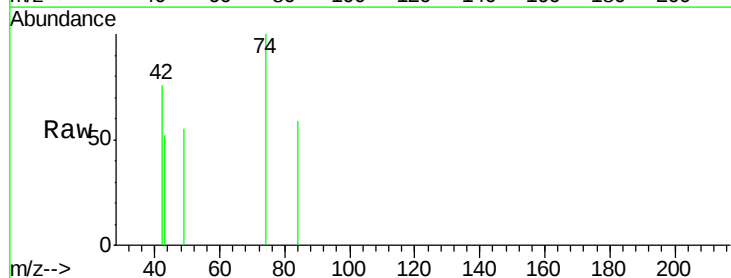
Tgt Ion: 42 Resp: 947

Ion Ratio Lower Upper

42 100

74 132.0 108.6 163.0

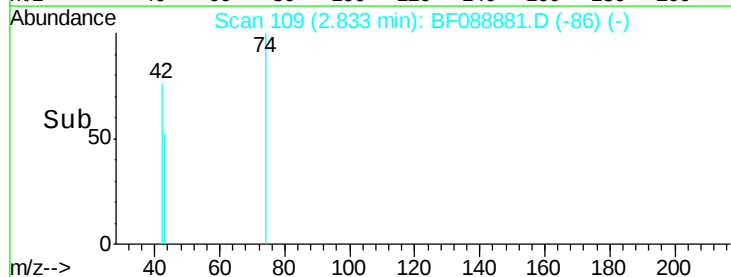
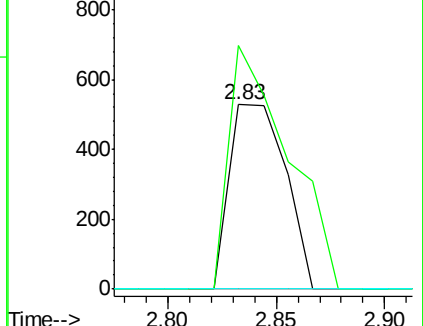
44 0.0 5.5 8.3#

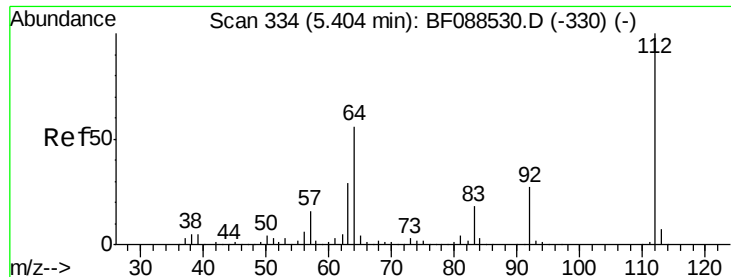


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 3.76 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088881.D

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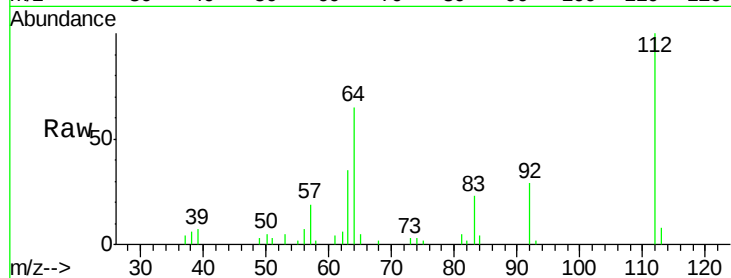
Tot Ion: 112 Resp: 18042

Ion Ratio Lower Upper

112 100

64 64.8 42.2 63.2#

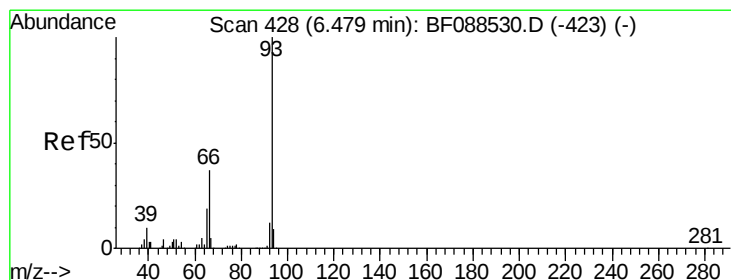
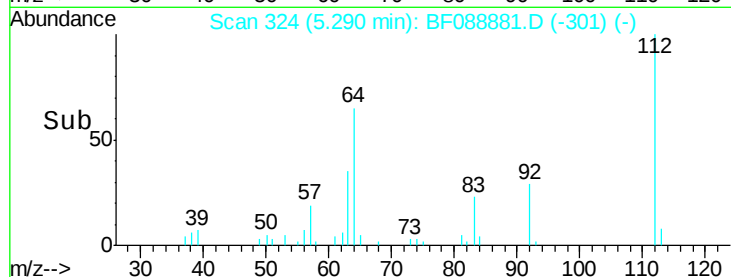
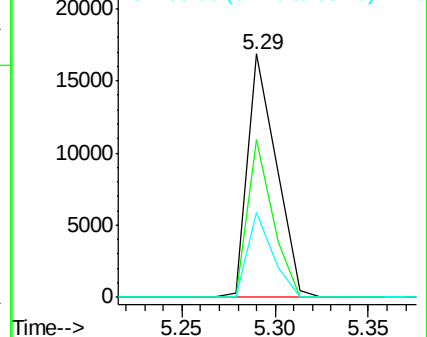
63 34.8 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.18 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

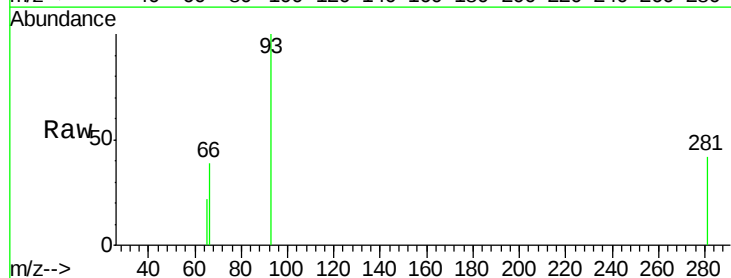
Tgt Ion: 93 Resp: 1609

Ion Ratio Lower Upper

93 100

66 39.2 29.8 44.8

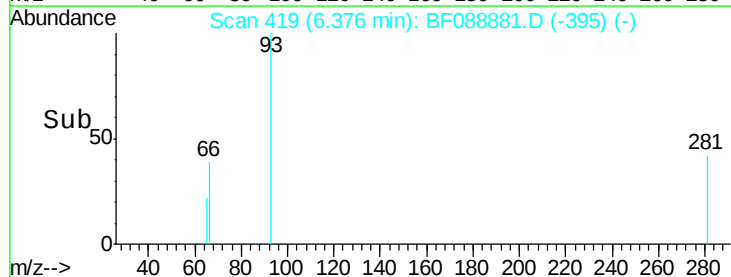
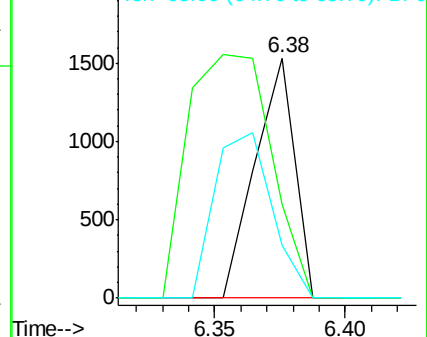
65 22.2 14.9 22.3

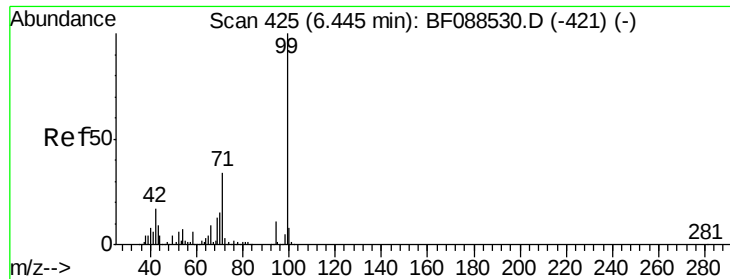


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.01 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

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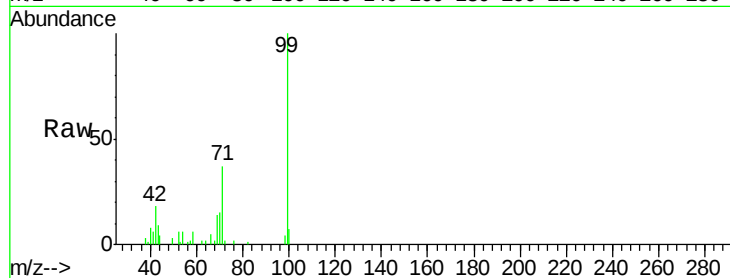
Tot Ion: 99 Resp: 24894

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

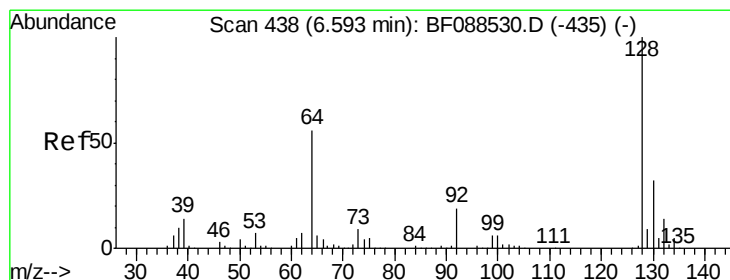
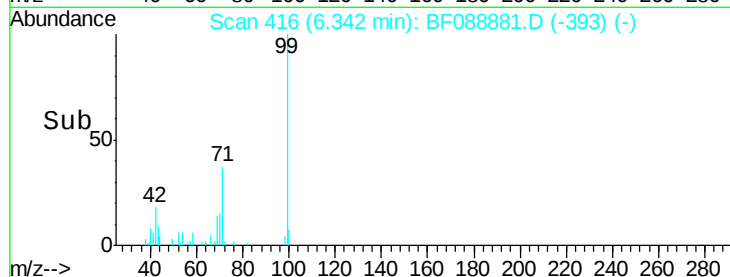
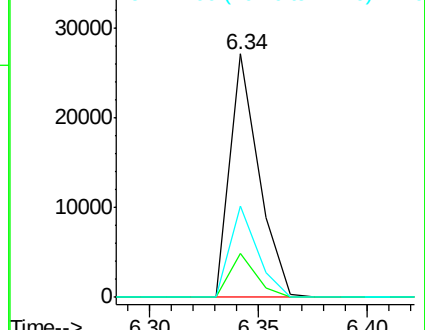
71 37.4 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.72 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

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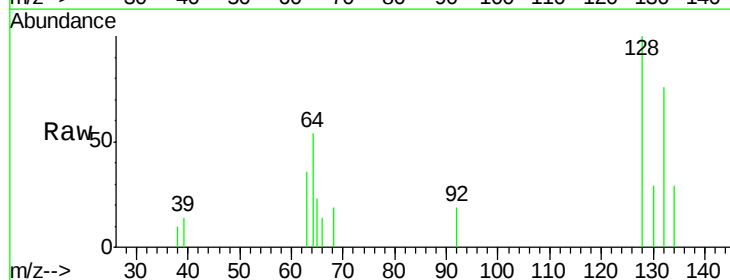
Tgt Ion: 128 Resp: 3706

Ion Ratio Lower Upper

128 100

130 28.8 12.0 52.0

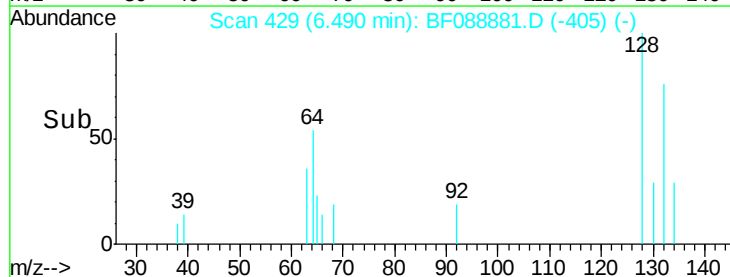
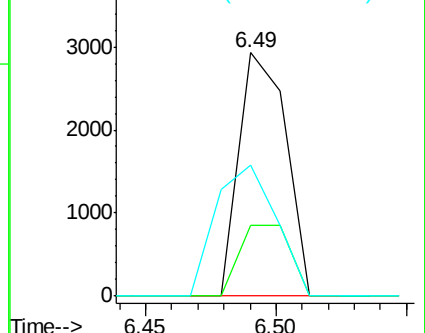
64 53.8 30.8 70.8



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: 0.55 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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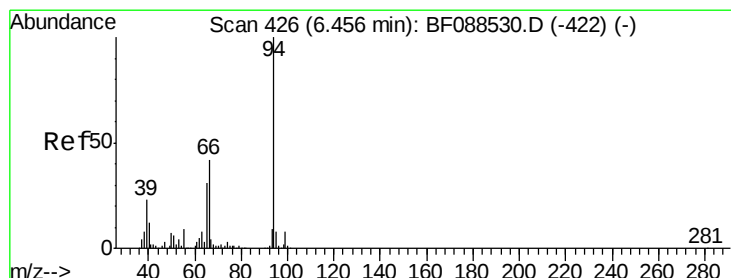
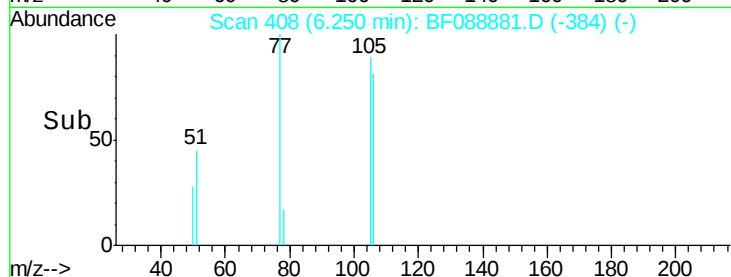
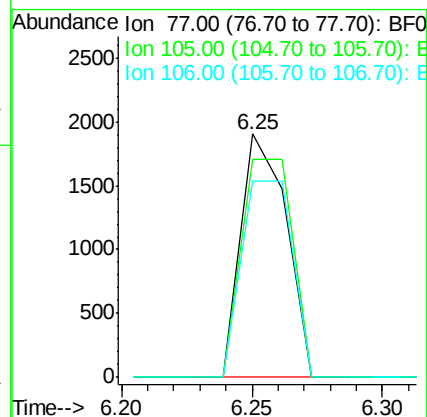
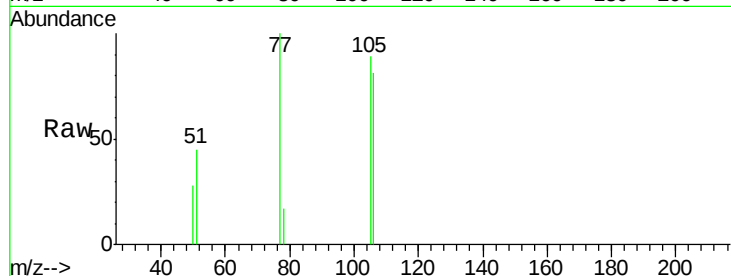
Tot Ion: 77 Resp: 2321

Ion Ratio Lower Upper

77 100

105 89.3 90.6 130.6#

106 80.5 85.3 125.3#



#10

Phenol

Concen: 0.66 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

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Acq: 9 Jul 2016 20:03

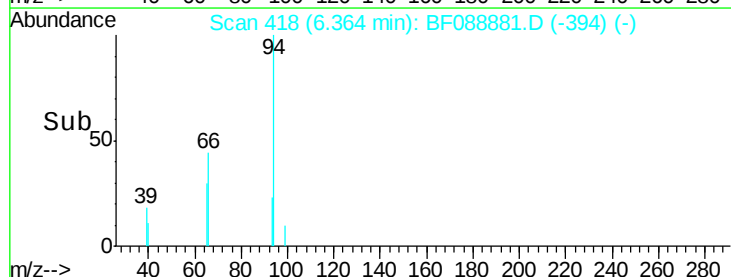
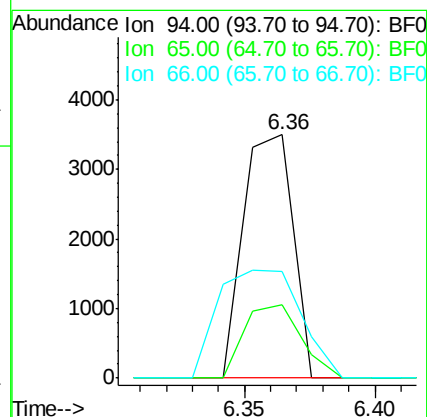
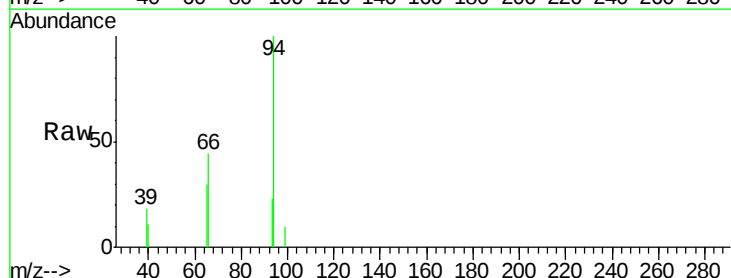
Tgt Ion: 94 Resp: 4678

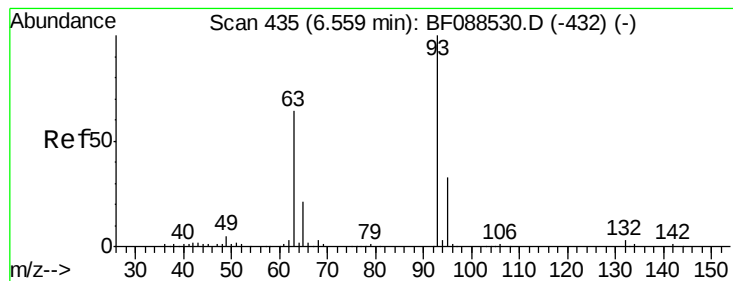
Ion Ratio Lower Upper

94 100

65 30.2 5.9 45.9

66 43.8 14.0 54.0

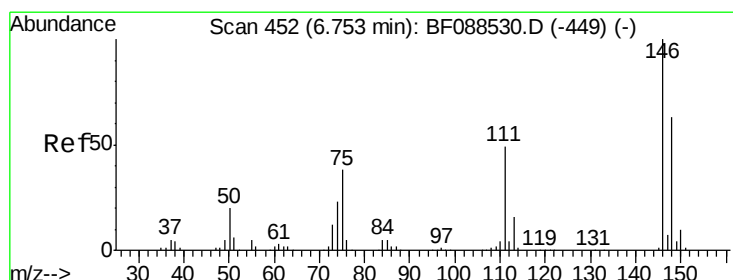
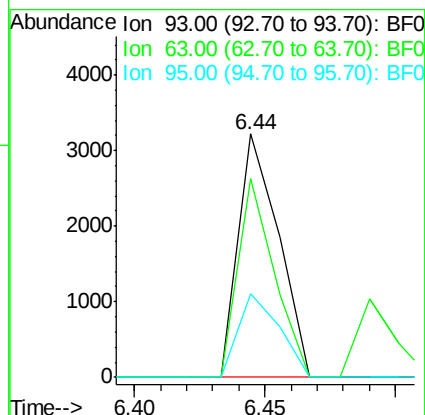
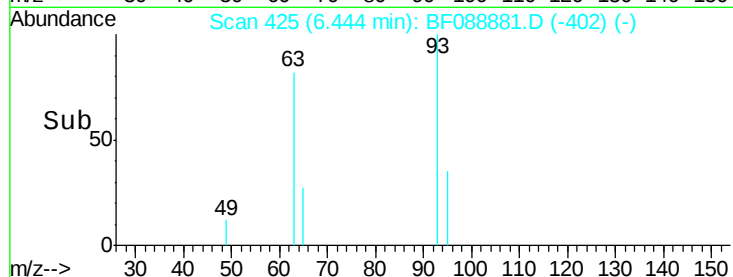
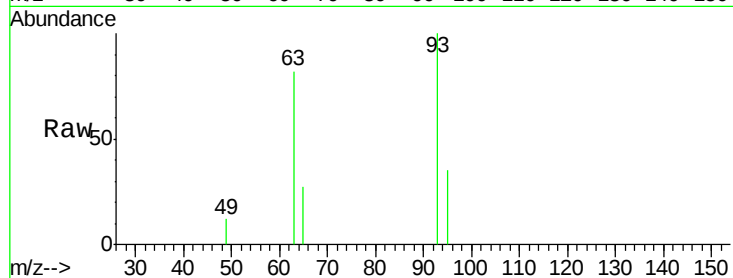




#11
bis(2-Chloroethyl)ether
Concen: 0.66 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

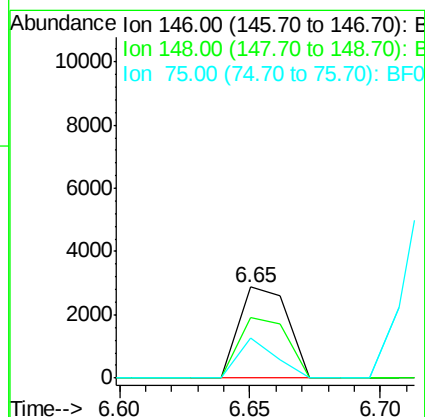
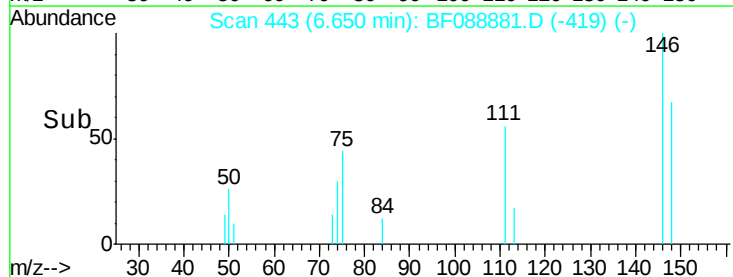
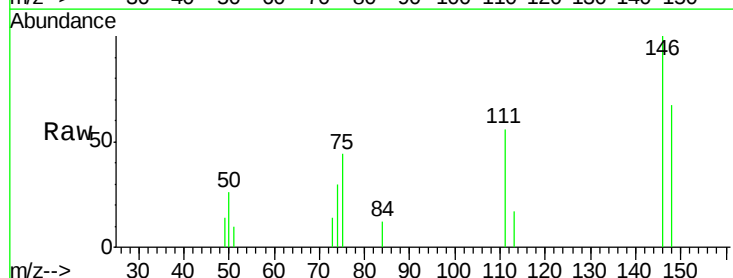
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

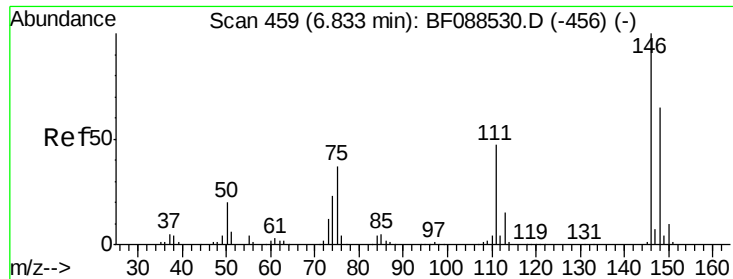
Tot Ion: 93 Resp: 3476
Ion Ratio Lower Upper
93 100
63 81.8 67.6 107.6
95 34.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 0.66 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion: 146 Resp: 3762
Ion Ratio Lower Upper
146 100
148 66.9 50.9 76.3
75 44.5 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 0.70 ng m

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

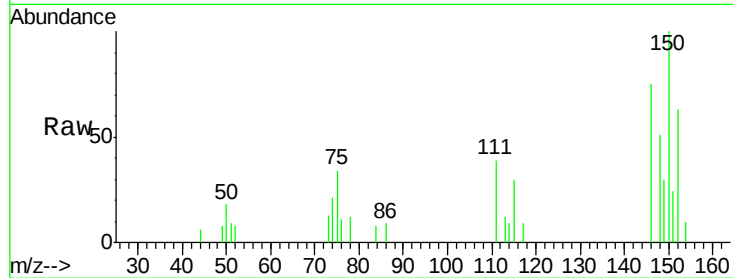
Tot Ion:146 Resp: 3940

Ion Ratio Lower Upper

146 100

148 68.0 52.0 78.0

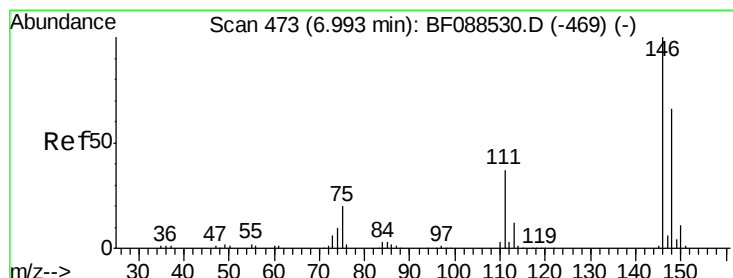
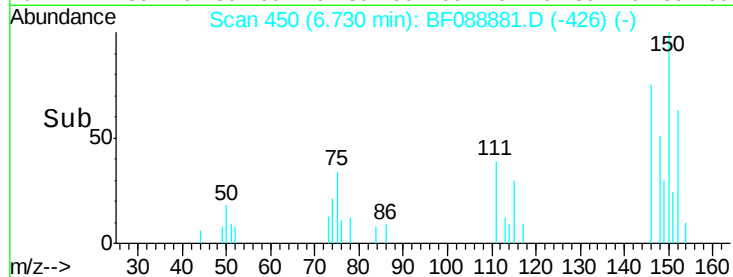
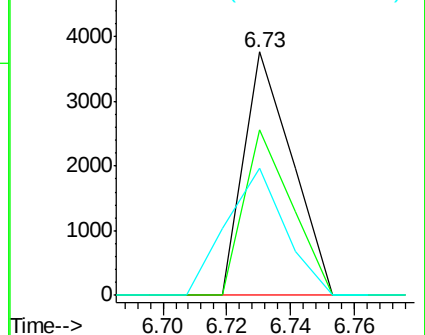
111 52.1 33.8 50.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.75 ng m

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

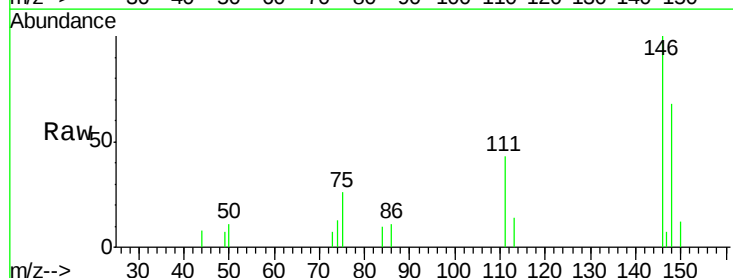
Tgt Ion:146 Resp: 3973

Ion Ratio Lower Upper

146 100

148 67.5 52.3 78.5

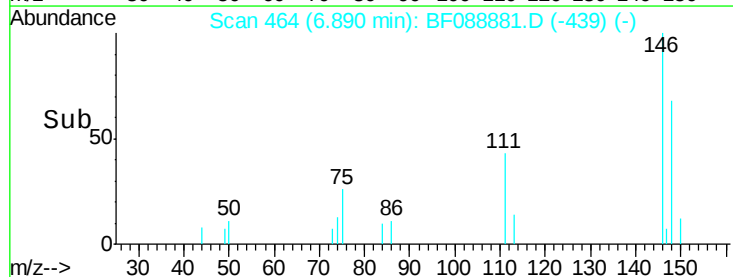
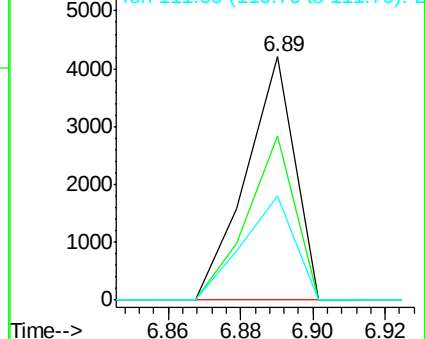
111 42.8 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.72 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

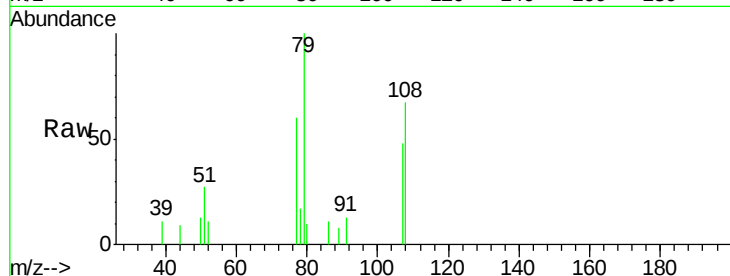
Tot Ion: 79 Resp: 3311

Ion Ratio Lower Upper

79 100

108 67.5 65.0 97.6

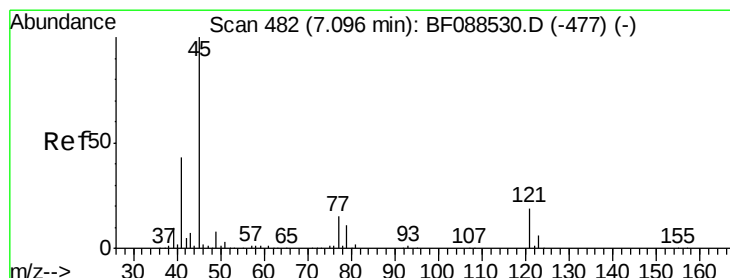
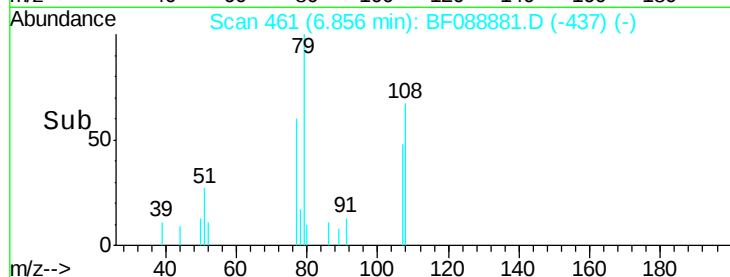
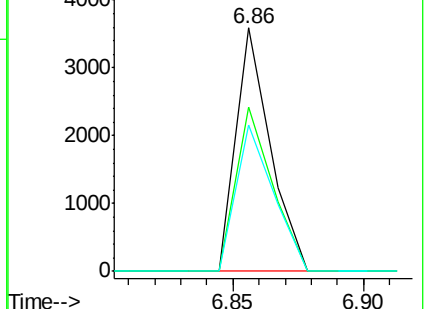
77 60.1 50.3 75.5



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: 0.59 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

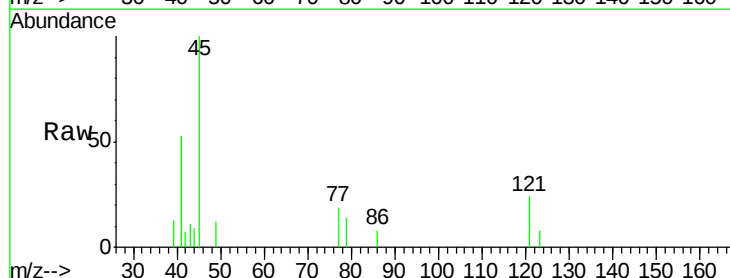
Tgt Ion: 45 Resp: 4547

Ion Ratio Lower Upper

45 100

77 19.1 0.0 32.5

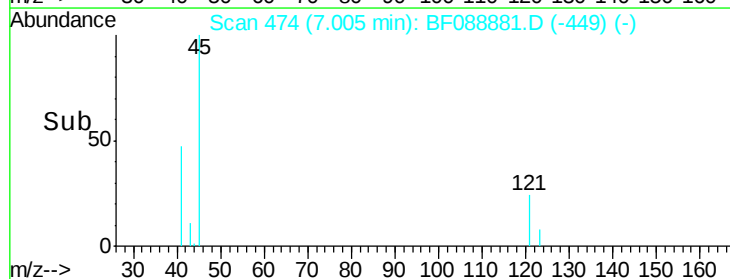
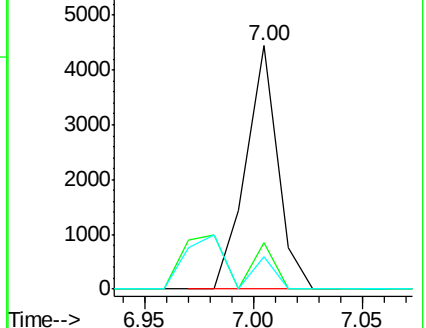
79 13.5 0.0 29.5



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: 0.66 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

Tot Ion:107 Resp: 2767

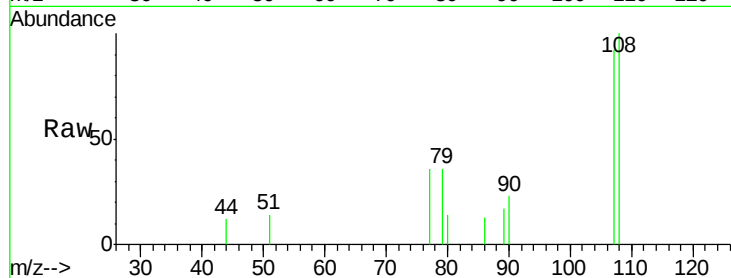
Ion Ratio Lower Upper

107 100

108 108.2 90.9 136.3

77 38.8 36.6 55.0

79 38.7 36.5 54.7

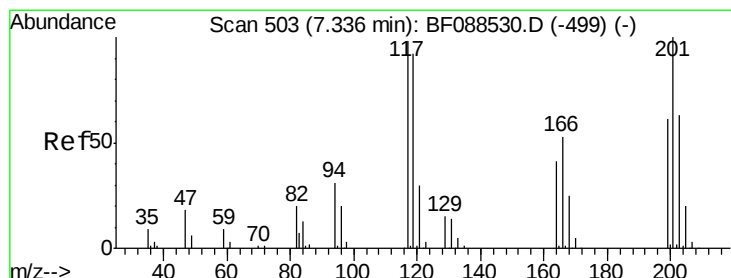
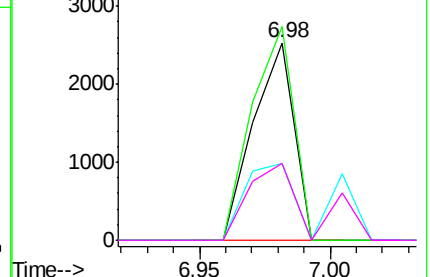
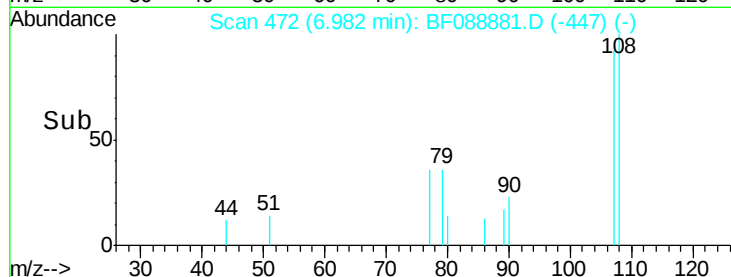


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.59 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

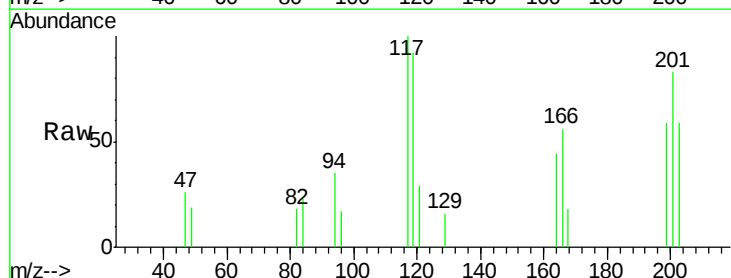
Tgt Ion:117 Resp: 1281

Ion Ratio Lower Upper

117 100

119 92.1 77.4 116.2

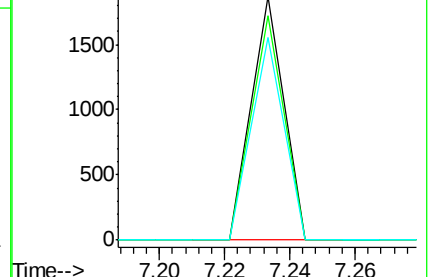
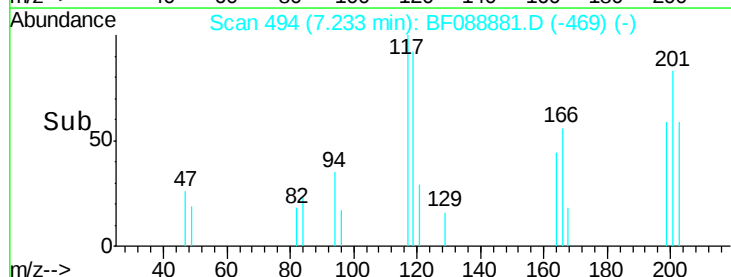
201 83.2 80.4 120.6



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

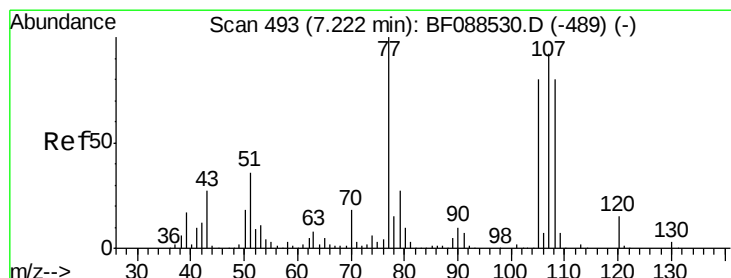
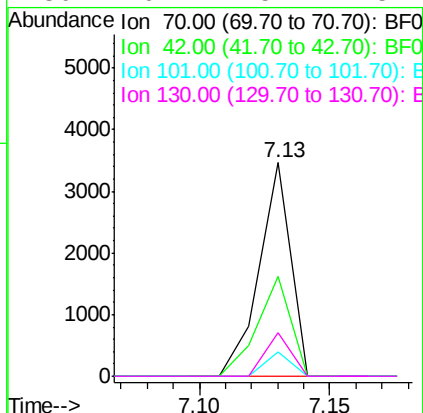
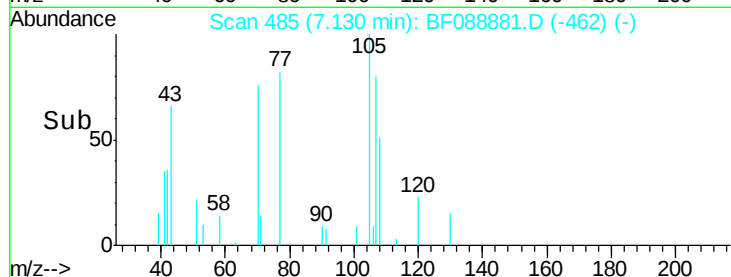
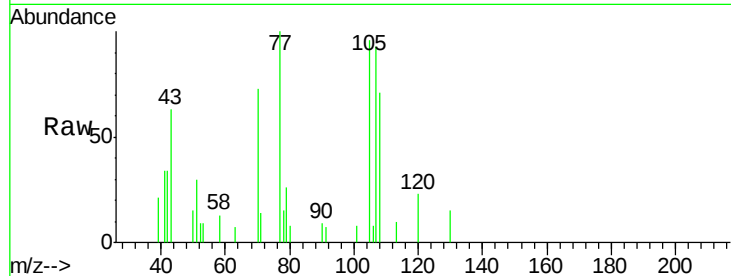




#19
n-Nitroso-di-n-propylamine
Concen: 0.70 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

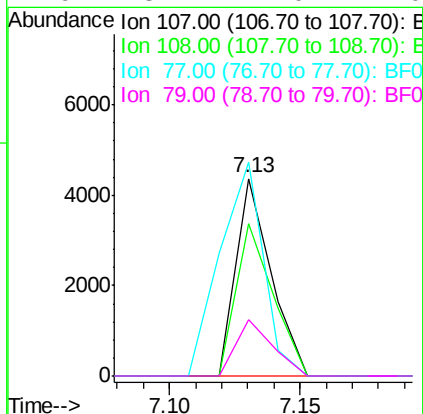
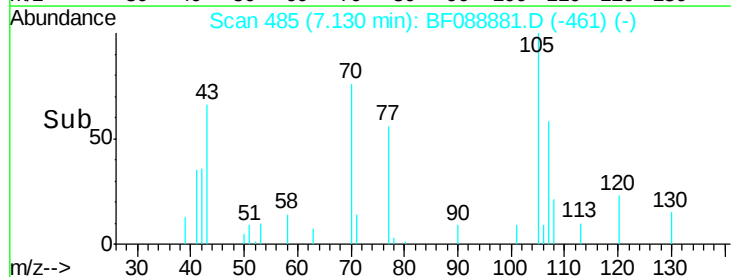
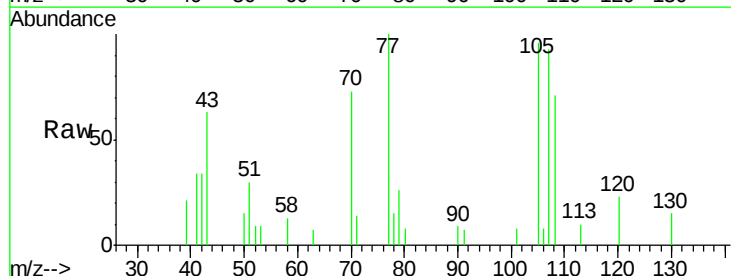
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

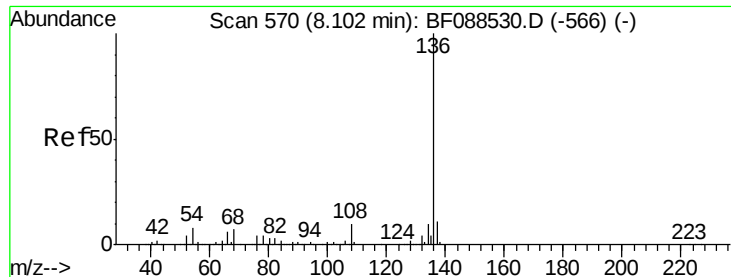
Tot Ion:	70	Resp:	2936
Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.6	74.4#
101	11.3	7.1	10.7#
130	20.1	15.4	23.2



#20
3+4-Methylphenols
Concen: 0.82 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:	107	Resp:	4124
Ion	Ratio	Lower	Upper
107	100		
108	76.7	67.8	107.8
77	108.0	59.3	99.3#
79	28.2	7.0	47.0

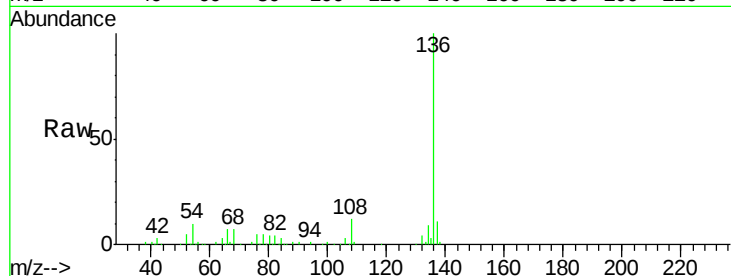




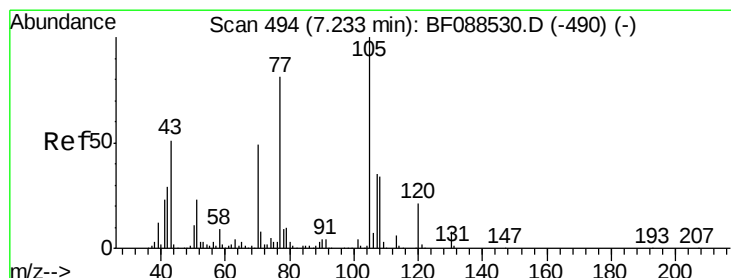
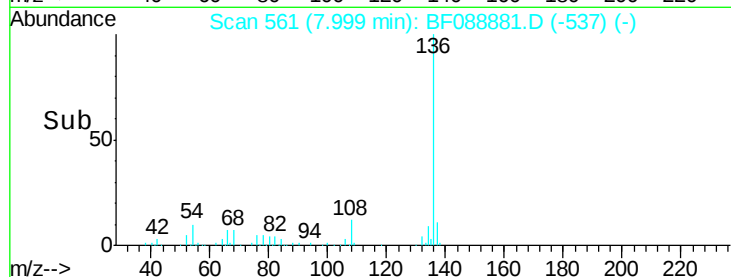
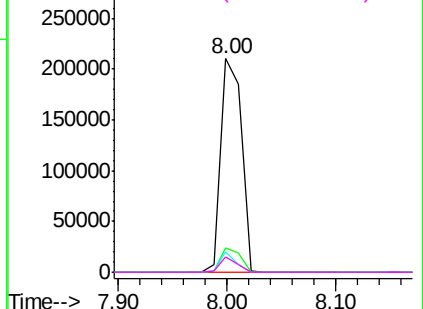
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:136	Resp:	279595
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	9.6	6.6 10.0
68	7.3	5.1 7.7

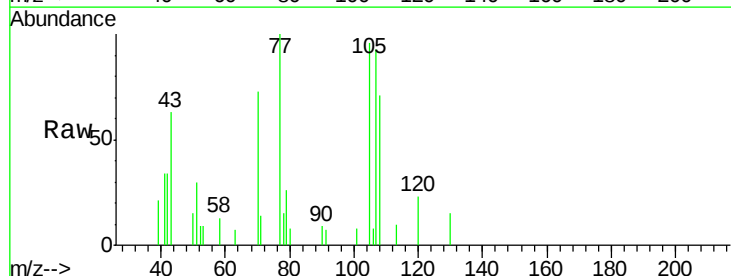


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

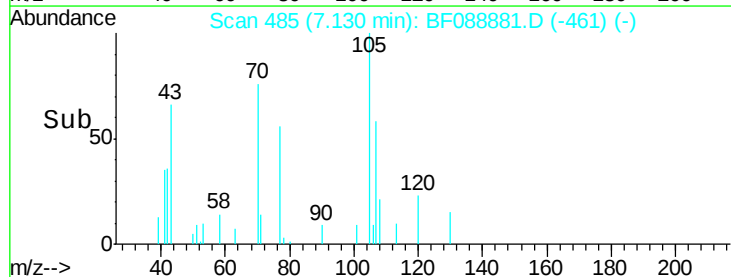
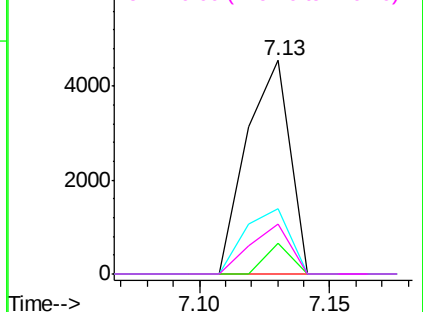


#22
Acetophenone
Concen: 0.78 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:105	Resp:	5268
Ion Ratio	Lower	Upper
105	100	
71	14.2	5.3 7.9#
51	30.7	18.2 27.4#
120	23.5	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

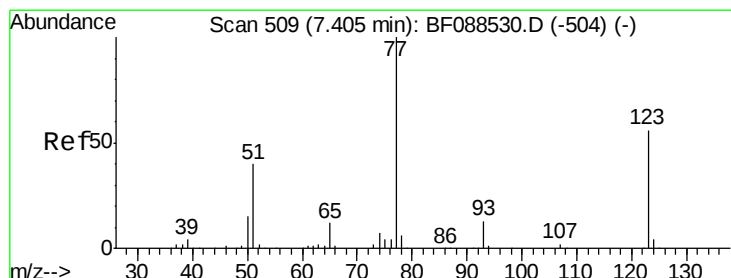
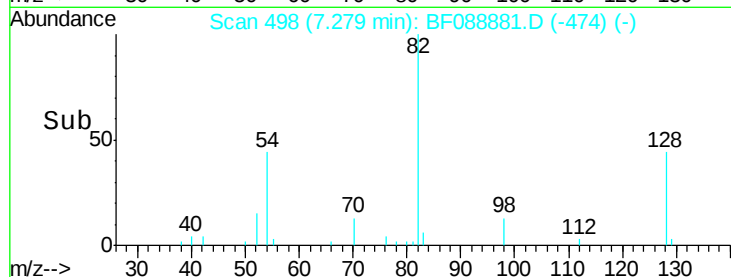
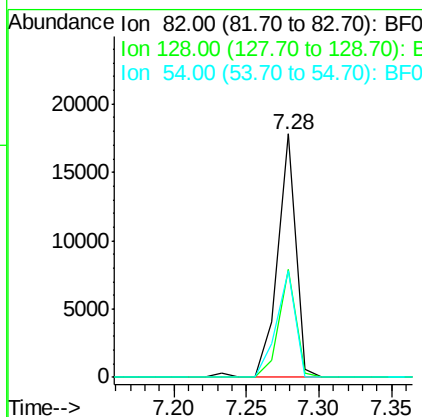
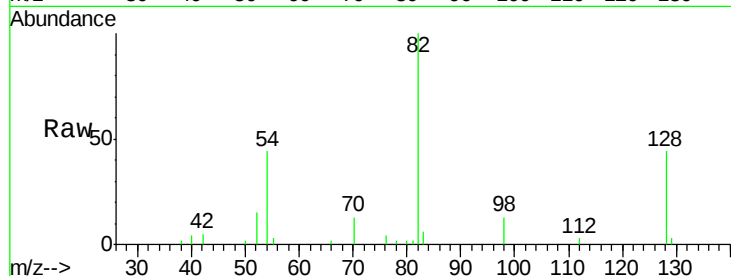




#23
 Nitrobenzene-d5
 Concen: 2.93 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

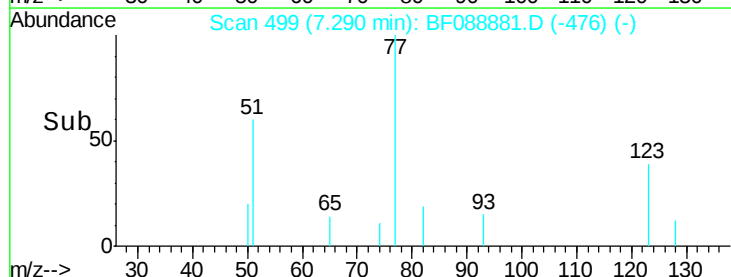
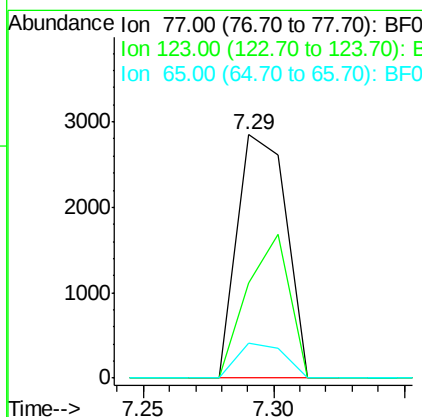
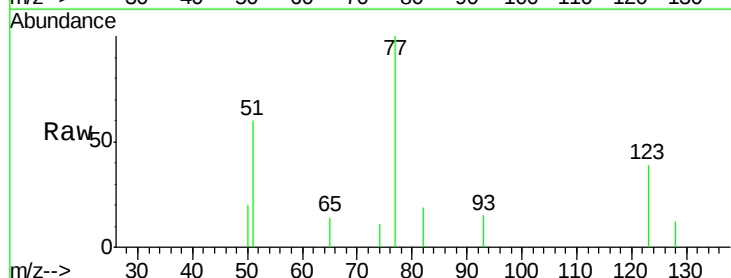
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

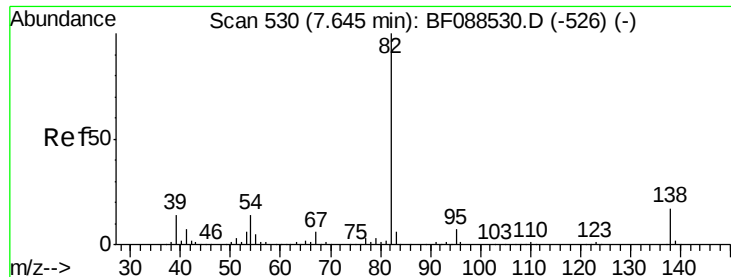
Tot Ion: 82 Resp: 15622
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.9 53.9
 54 44.0 40.9 61.3



#24
 Nitrobenzene
 Concen: 0.70 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion: 77 Resp: 3748
 Ion Ratio Lower Upper
 77 100
 123 39.0 45.0 67.4#
 65 14.1 10.2 15.2





#25

Isophorone

Concen: 0.75 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

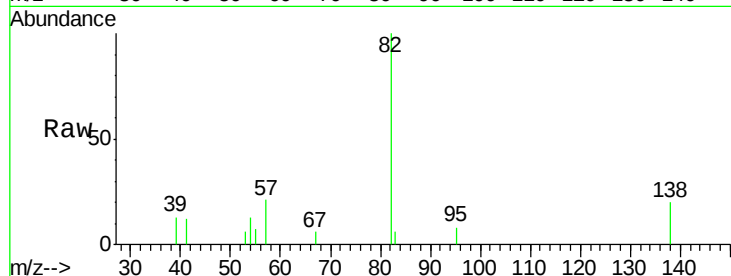
Tot Ion: 82 Resp: 7395

Ion Ratio Lower Upper

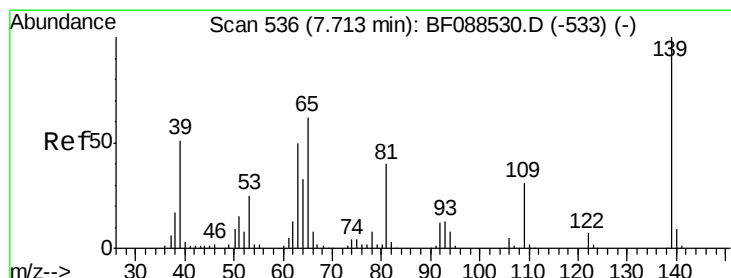
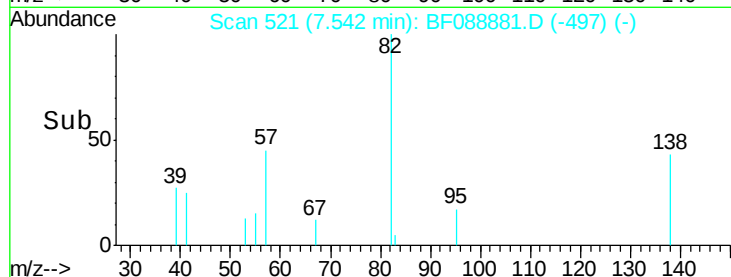
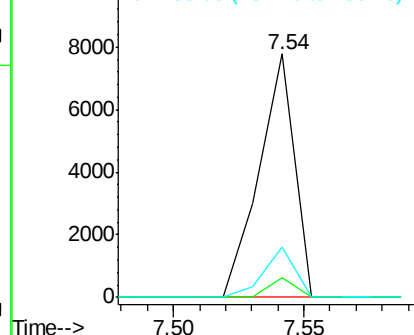
82 100

95 8.0 5.4 8.2

138 20.5 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): E



#26

2-Nitrophenol

Concen: 0.72 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

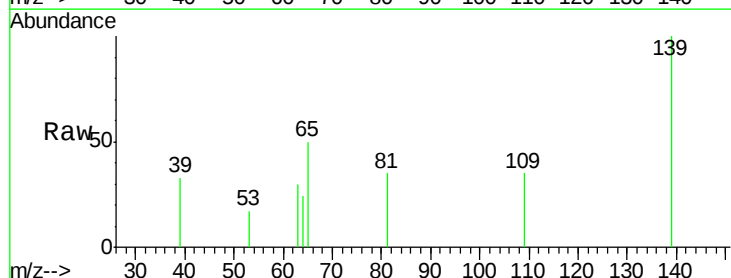
Tgt Ion: 139 Resp: 1592

Ion Ratio Lower Upper

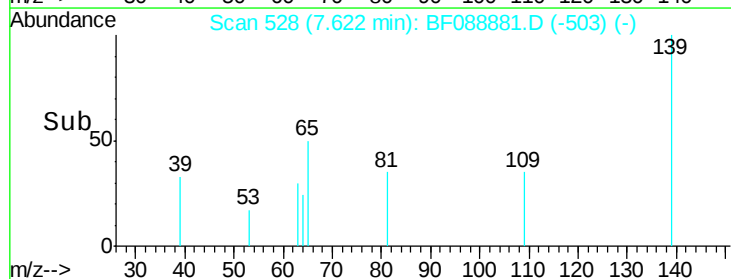
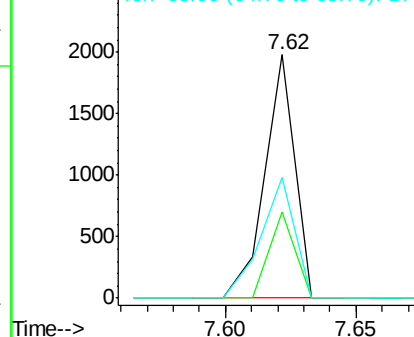
139 100

109 35.4 23.0 34.4#

65 49.7 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

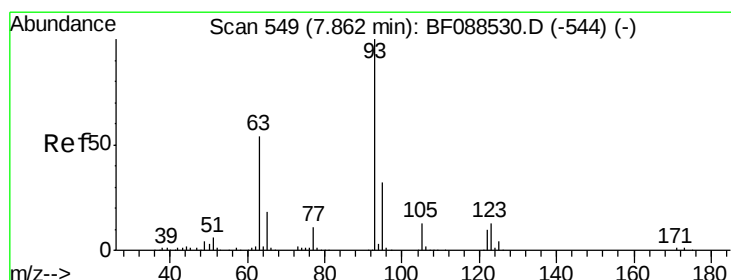
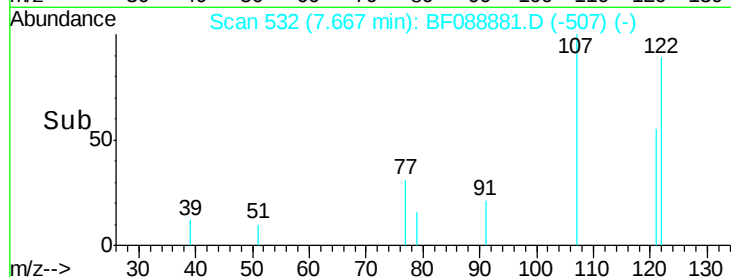
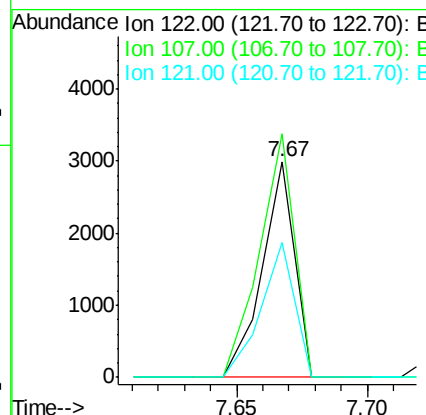
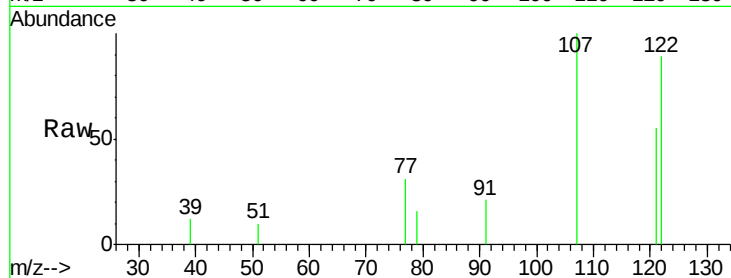




#27
 2,4-Dimethylphenol
 Concen: 0.57 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

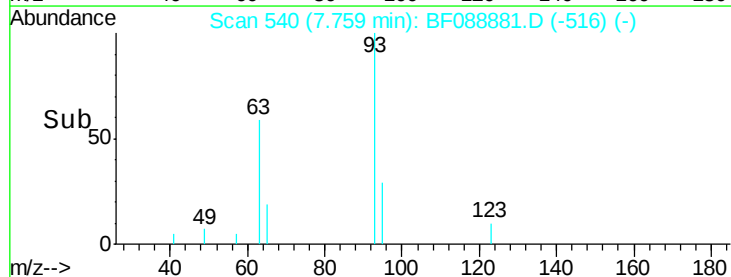
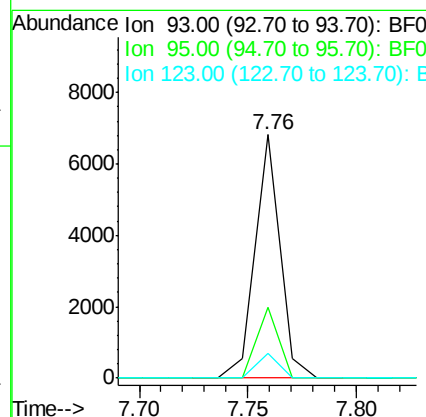
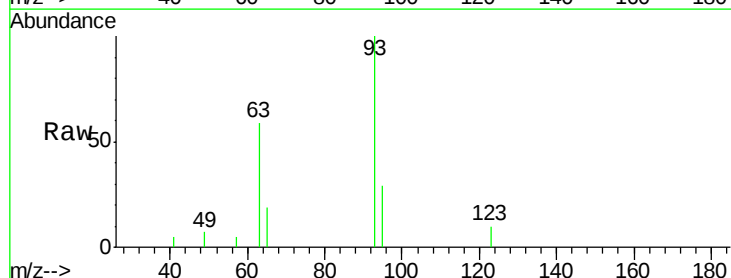
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion: 122 Resp: 2605
 Ion Ratio Lower Upper
 122 100
 107 112.8 82.4 123.6
 121 62.5 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: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion: 93 Resp: 5413
 Ion Ratio Lower Upper
 93 100
 95 29.0 26.5 39.7
 123 10.1 11.6 17.4#

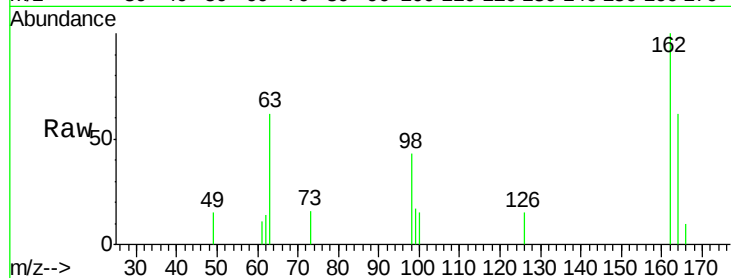




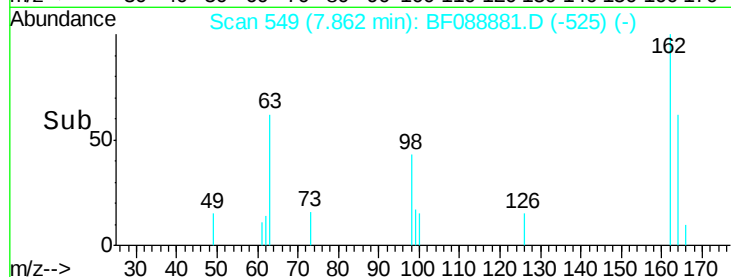
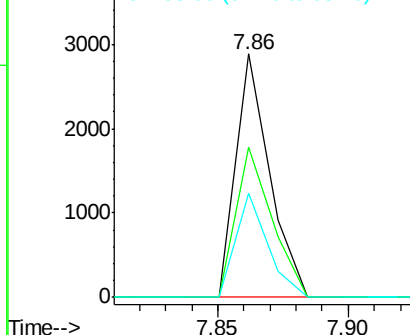
#29
2,4-Dichlorophenol
Concen: 0.70 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:162 Resp: 2610
Ion Ratio Lower Upper
162 100
164 61.9 43.8 83.8
98 42.7 21.3 61.3

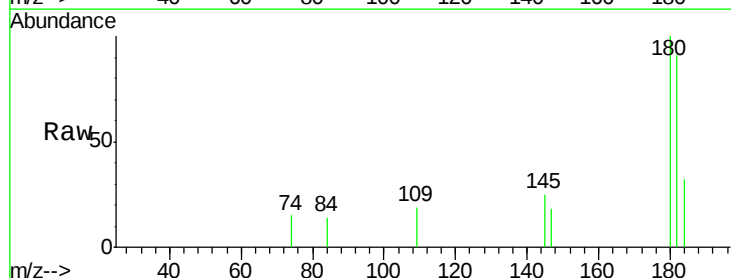


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

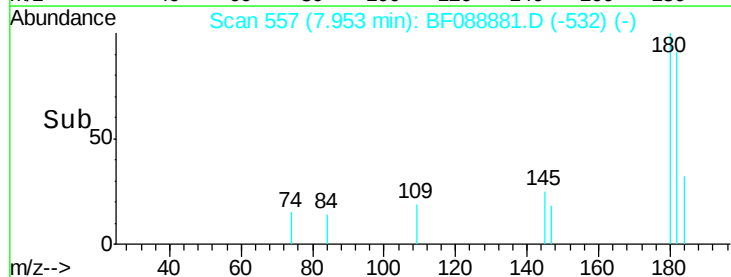
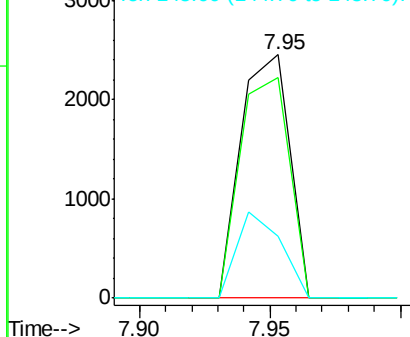


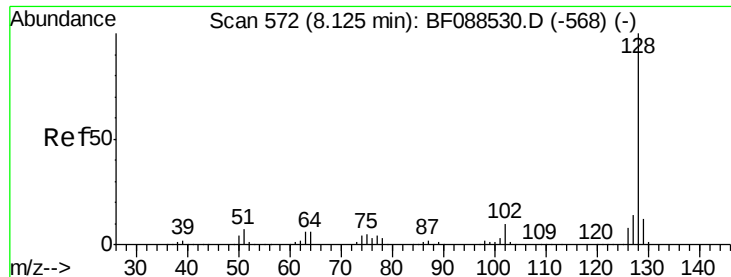
#30
1,2,4-Trichlorobenzene
Concen: 0.78 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:180 Resp: 3195
Ion Ratio Lower Upper
180 100
182 90.8 76.0 114.0
145 25.5 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

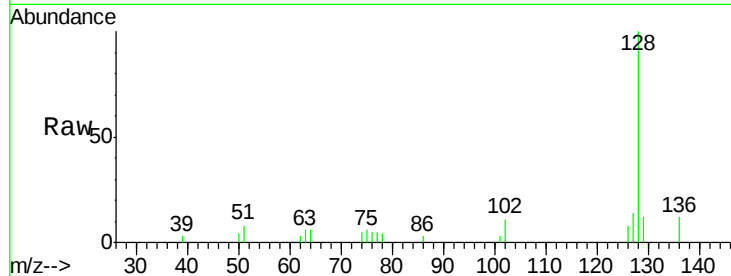




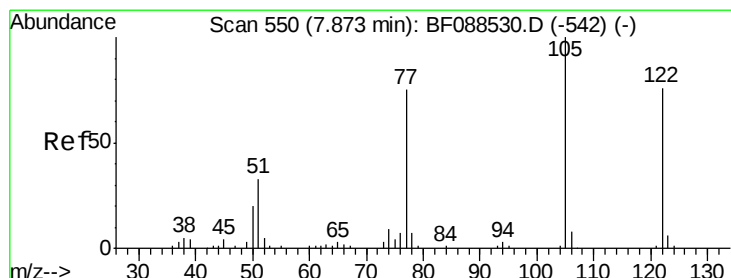
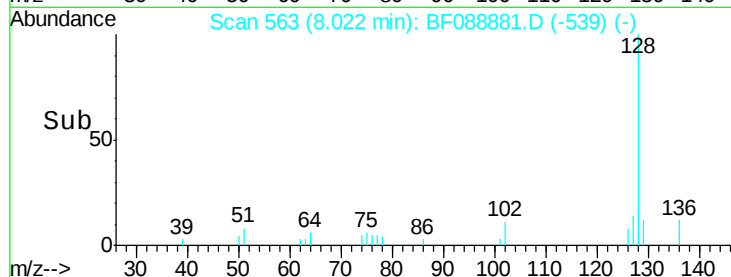
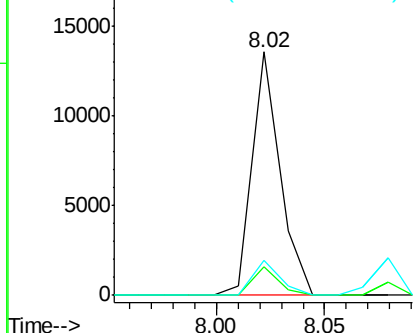
#31
Naphthalene
Concen: 0.88 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:128 Resp: 12065
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 14.2 10.9 16.3

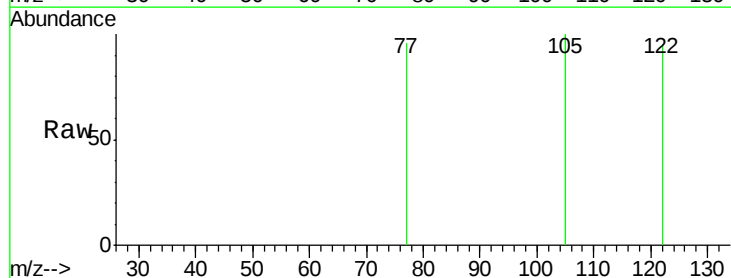


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

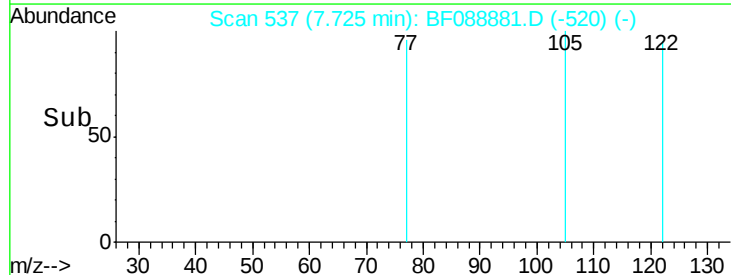
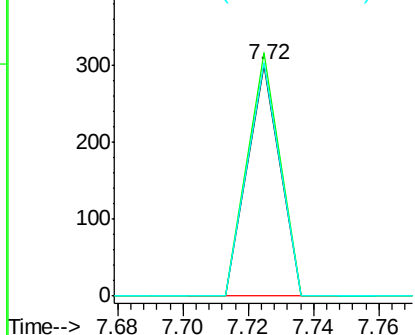


#32
Benzoic acid
Concen: 0.06 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.10 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:122 Resp: 206
Ion Ratio Lower Upper
122 100
105 105.3 101.6 141.6
77 101.0 70.6 110.6



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

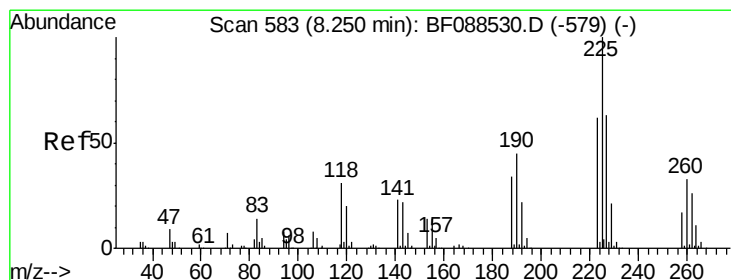
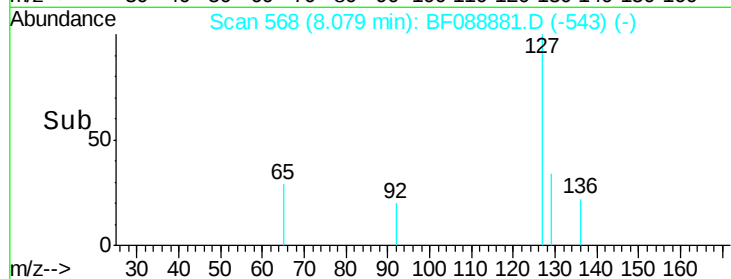
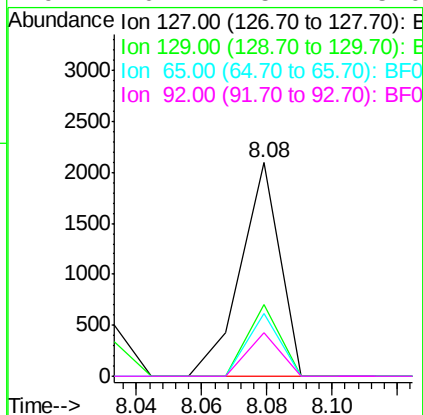
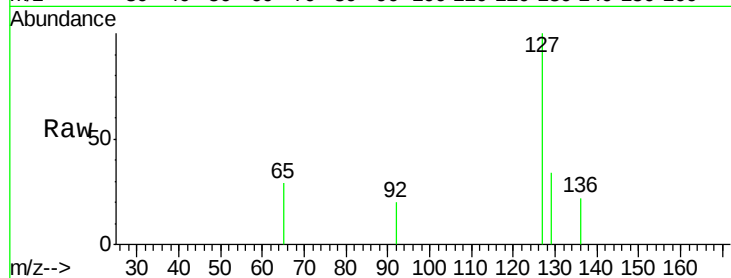




#33
4-Chloroaniline
Concen: 0.28 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

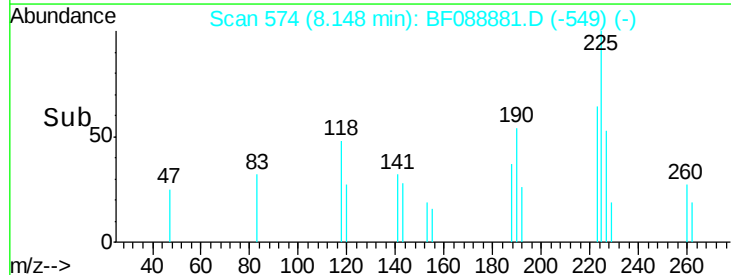
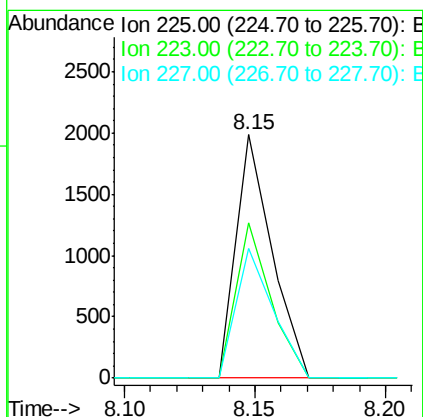
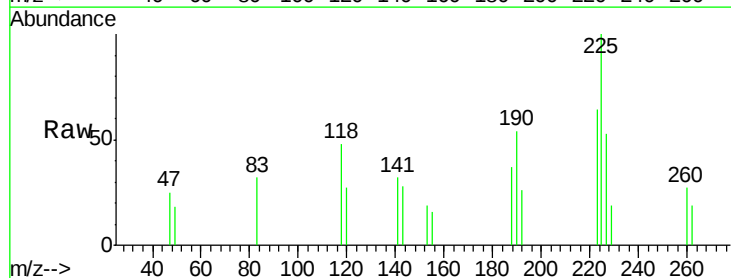
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:	127	Resp:	1730
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	29.4	24.7	37.1
92	20.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 0.88 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:	225	Resp:	1911
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	53.4	51.9	77.9





#35

Caprolactam

Concen: 0.63 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.08 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

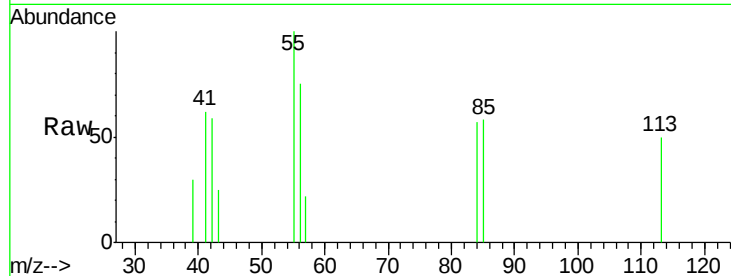
Tot Ion:113 Resp: 790

Ion Ratio Lower Upper

113 100

55 200.2 158.6 198.6#

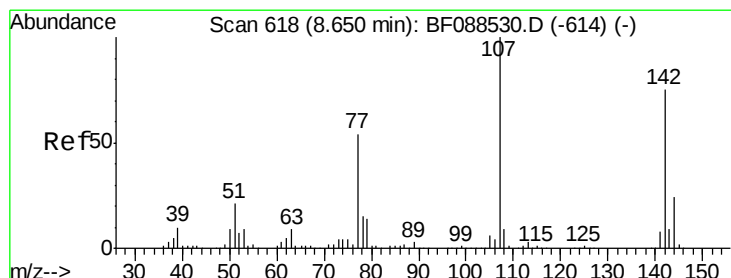
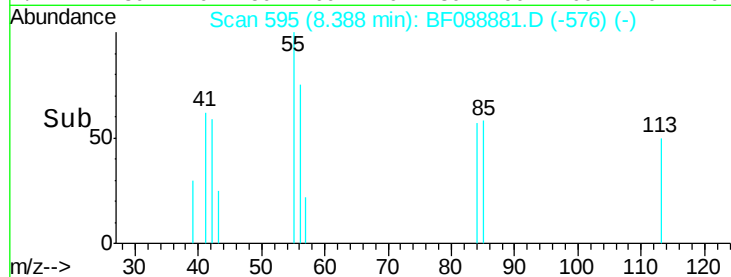
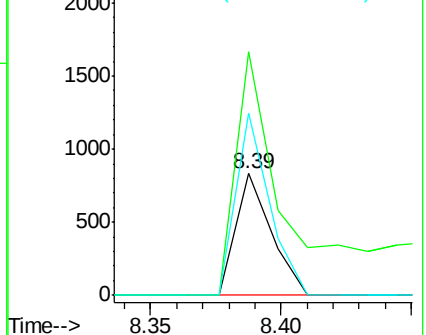
56 149.5 110.6 150.6



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: 0.77 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

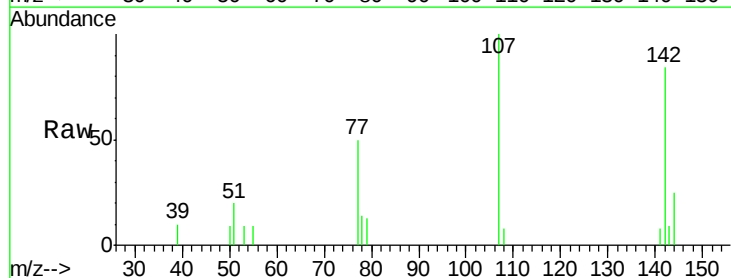
Tgt Ion:107 Resp: 3381

Ion Ratio Lower Upper

107 100

144 25.4 20.8 31.2

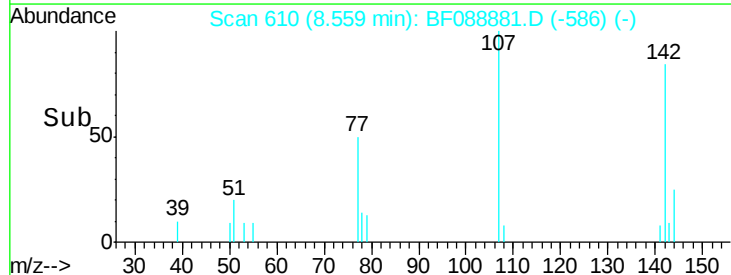
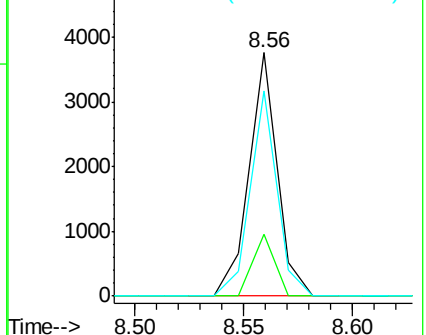
142 84.2 63.4 95.2

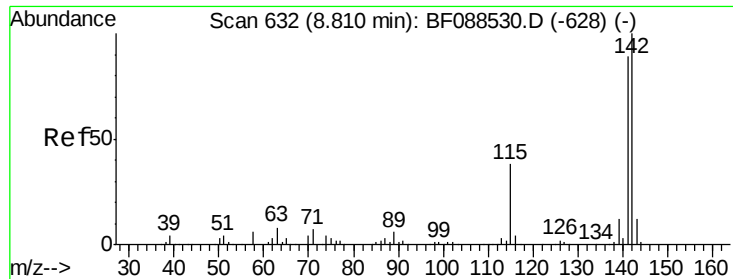


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

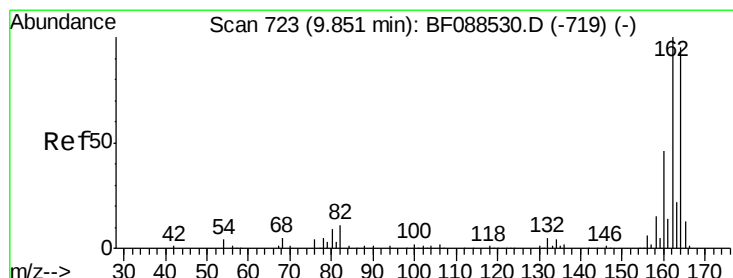
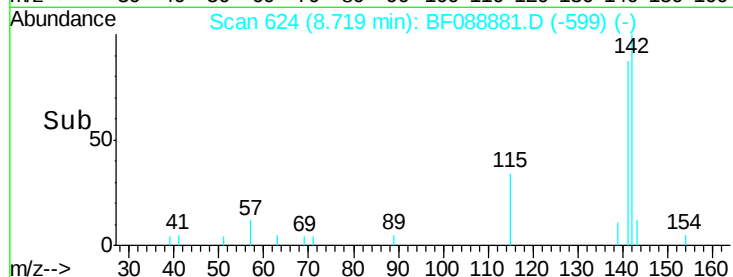
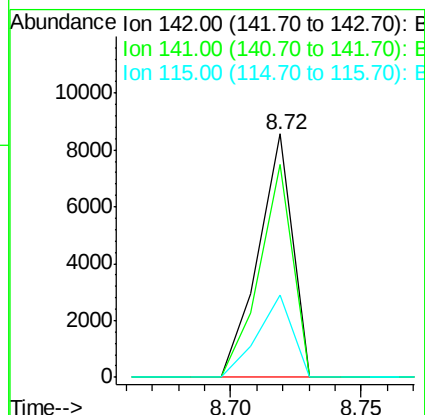
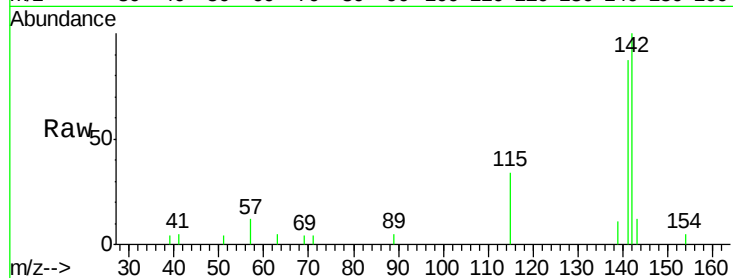




#37
2-Methylnaphthalene
Concen: 0.89 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

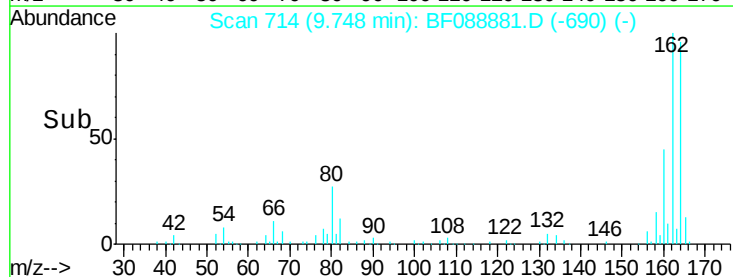
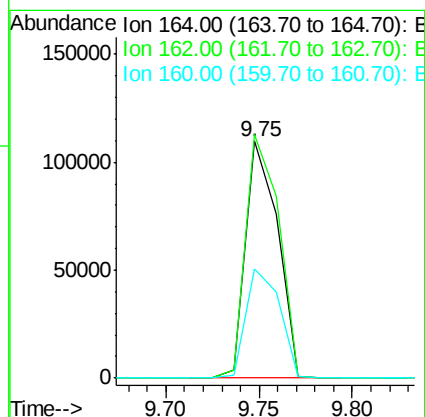
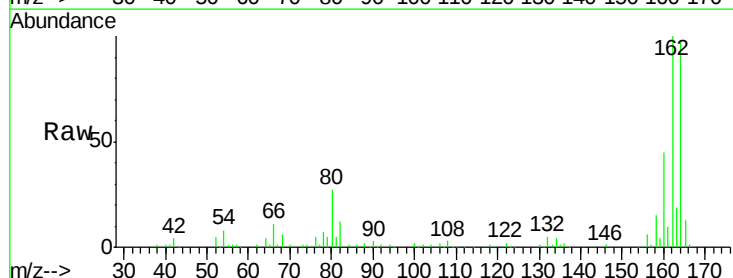
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:142 Resp: 7887
Ion Ratio Lower Upper
142 100
141 87.3 71.0 106.6
115 34.0 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:164 Resp: 130325
Ion Ratio Lower Upper
164 100
162 102.7 85.4 128.2
160 46.0 39.5 59.3

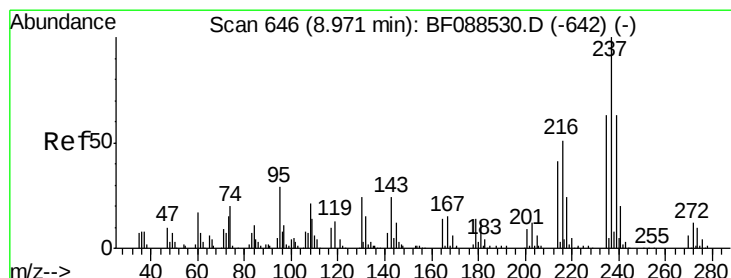
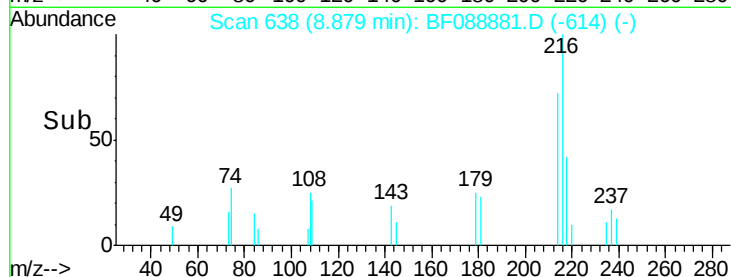
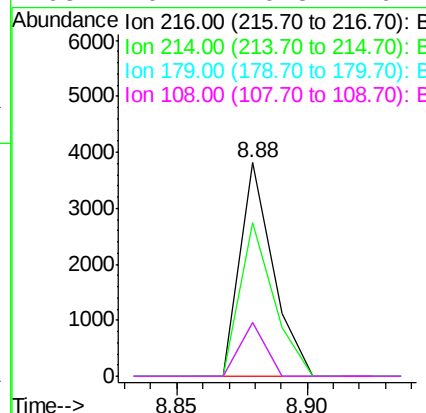
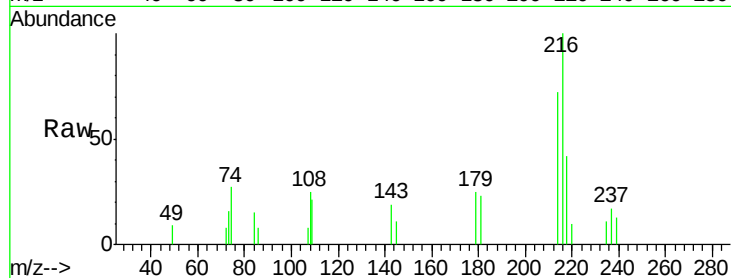




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.78 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

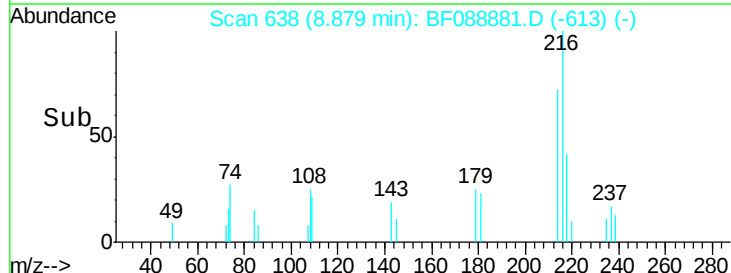
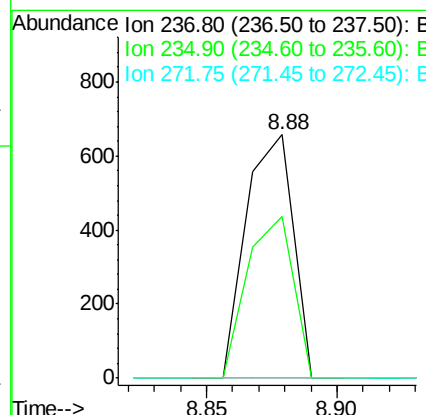
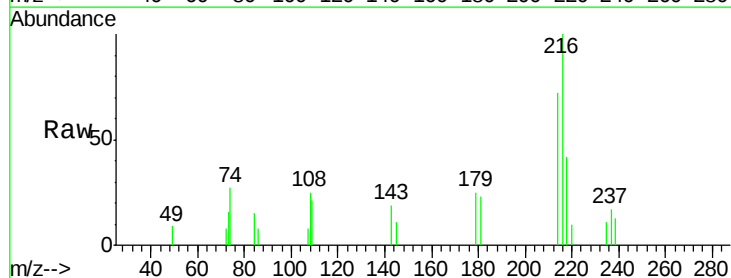
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

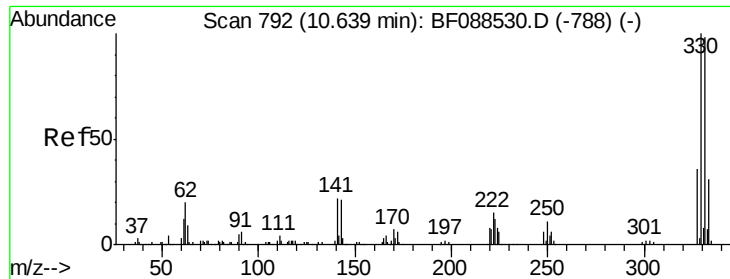
Tot Ion:216	Resp:	3379
Ion Ratio	Lower	Upper
216	100	
214	73.5	2.9 4.3#
179	19.4	0.0 0.0#
108	19.7	0.5 0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 0.39 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:237	Resp:	833
Ion Ratio	Lower	Upper
237	100	
235	66.6	43.4 83.4
272	0.0	0.0 32.3

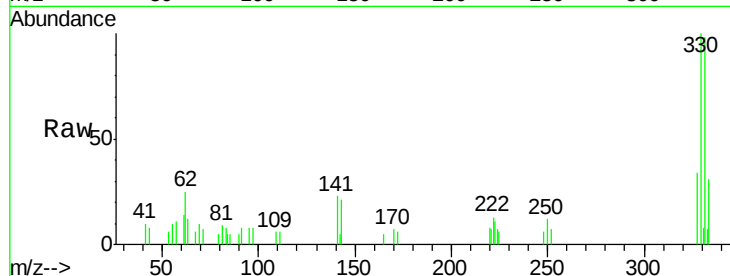




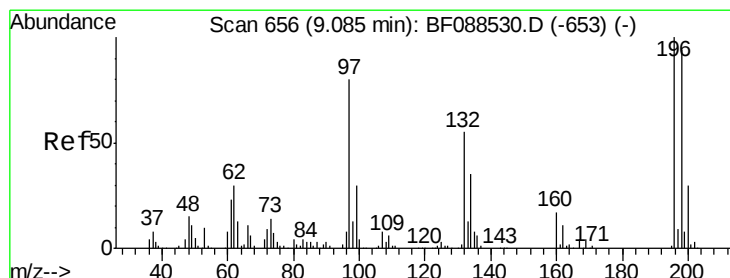
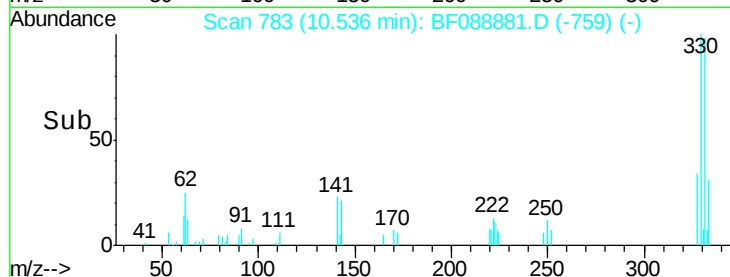
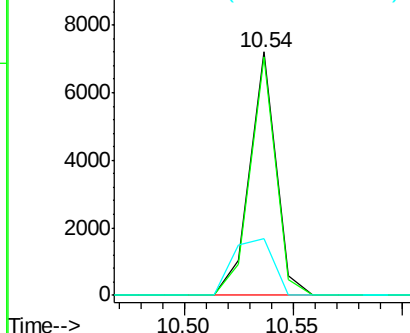
#41
 2,4,6-Tribromophenol
 Concen: 5.02 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion:330 Resp: 6073
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 35.9 0.0 0.0#

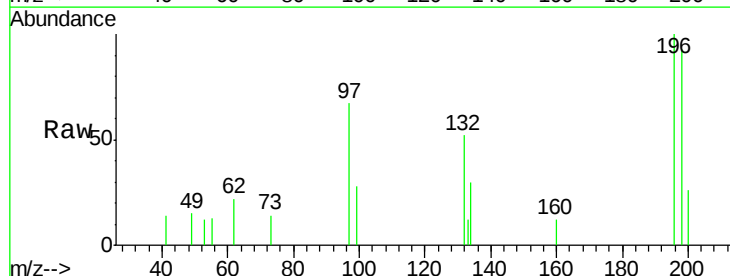


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

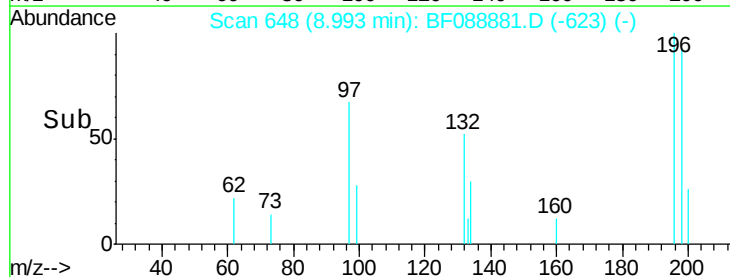
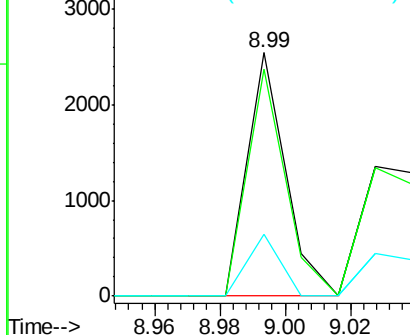


#42
 2,4,6-Trichlorophenol
 Concen: 0.72 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:196 Resp: 2048
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.0 117.0
 200 25.6 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

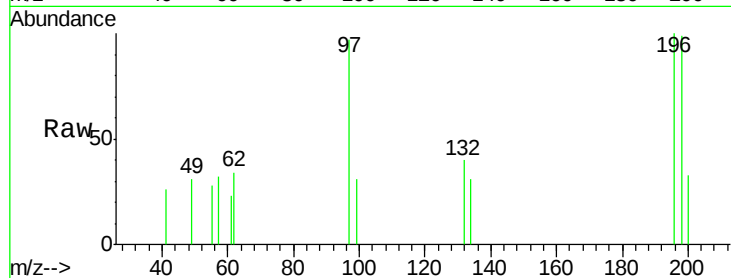




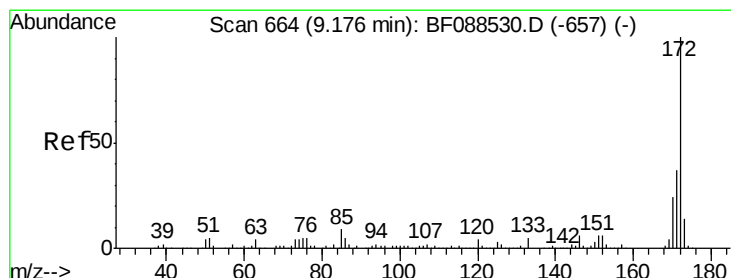
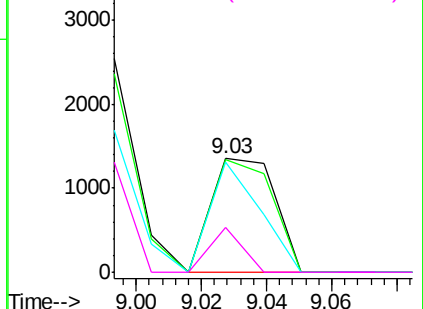
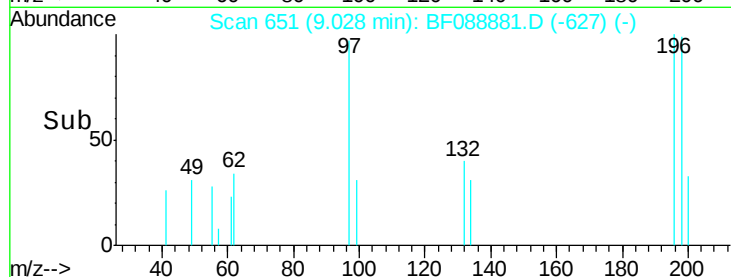
#43
 2,4,5-Trichlorophenol
 Concen: 0.74 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion:196 Resp: 1814
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.5 116.3
 97 97.0 32.0 48.0#
 132 39.8 20.9 31.3#

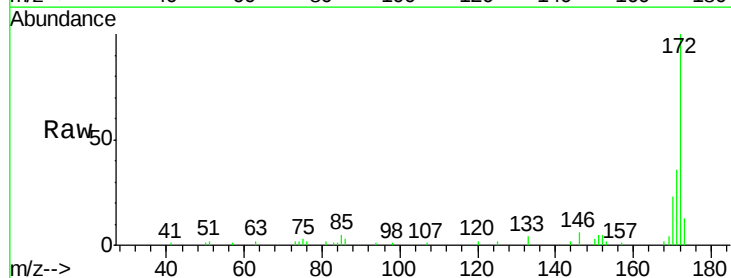


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

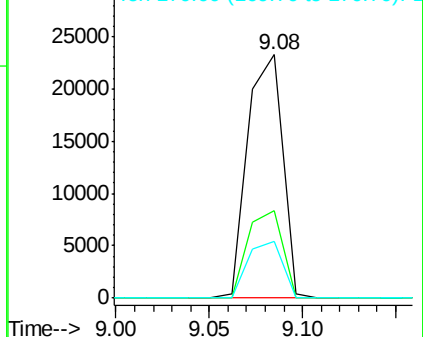
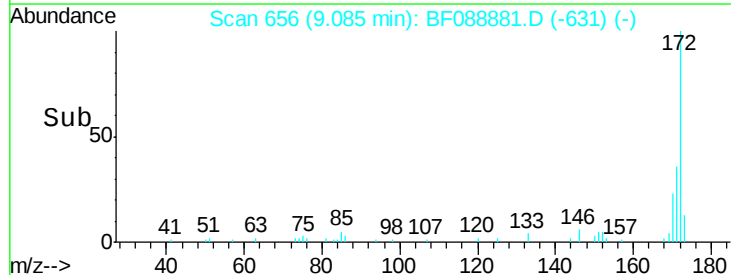


#44
 2-Fluorobiphenyl
 Concen: 3.67 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:172 Resp: 30255
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.1 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

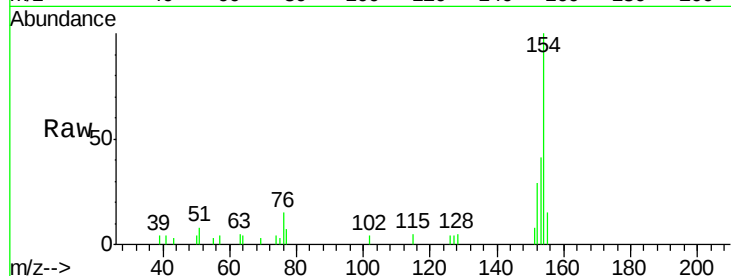




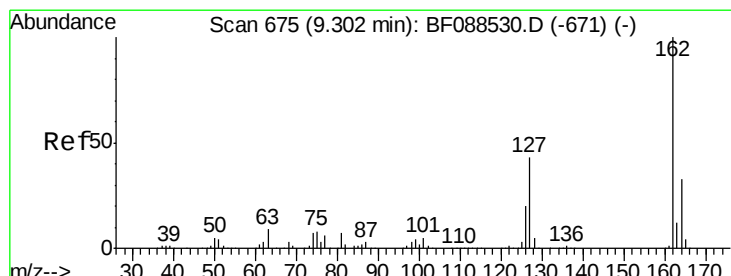
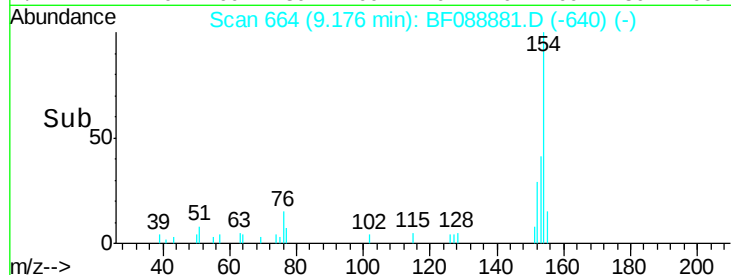
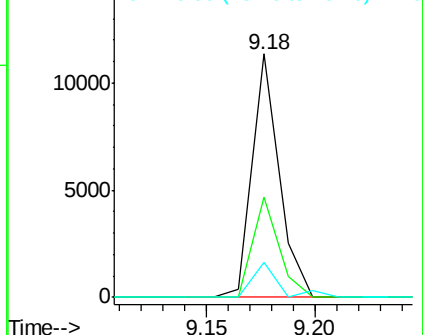
#45
 1,1'-Biphenyl
 Concen: 0.91 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion:154	Resp:	9781
Ion Ratio	Lower	Upper
154	100	
153	41.0	20.6 60.6
76	14.6	0.0 35.1

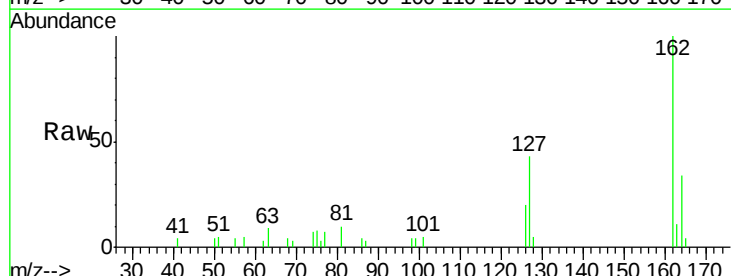


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

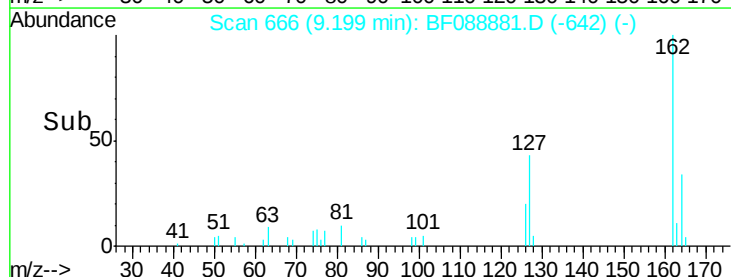
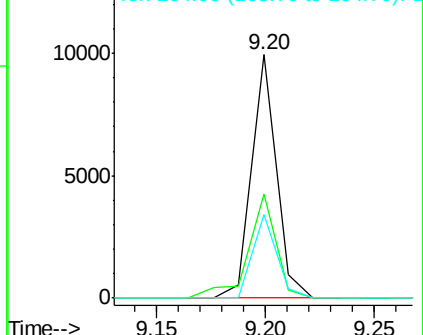


#46
 2-Chloronaphthalene
 Concen: 0.93 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:162	Resp:	7856
Ion Ratio	Lower	Upper
162	100	
127	42.7	35.2 52.8
164	34.3	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

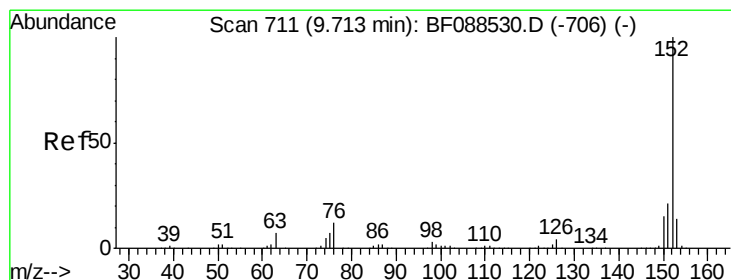
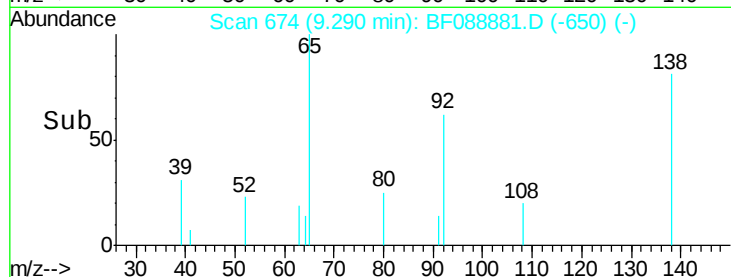
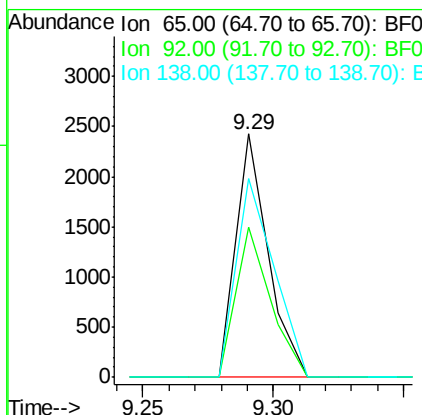
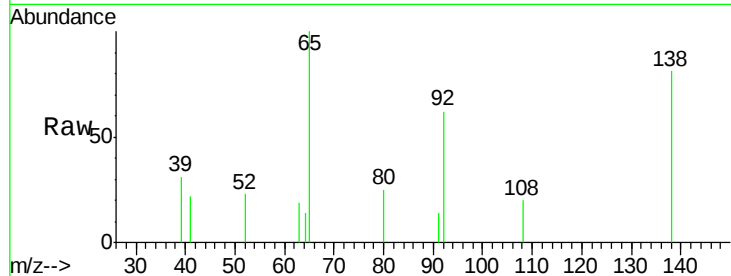




#47
2-Nitroaniline
Concen: 0.70 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

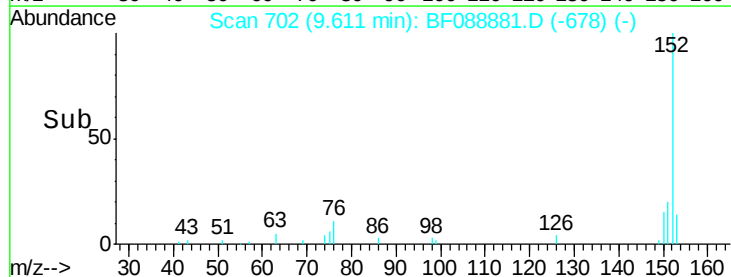
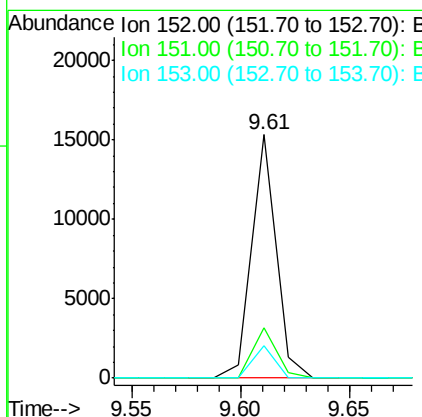
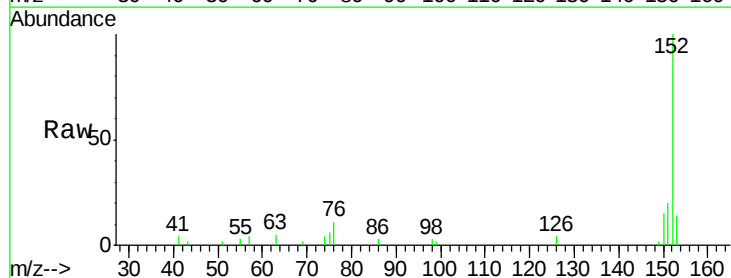
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

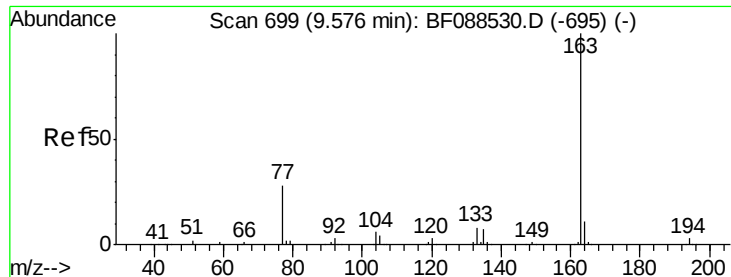
Tot Ion: 65 Resp: 2106
Ion Ratio Lower Upper
65 100
92 61.7 54.6 82.0
138 81.4 77.0 115.4



#48
Acenaphthylene
Concen: 0.89 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion: 152 Resp: 12002
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.6 11.0 16.6

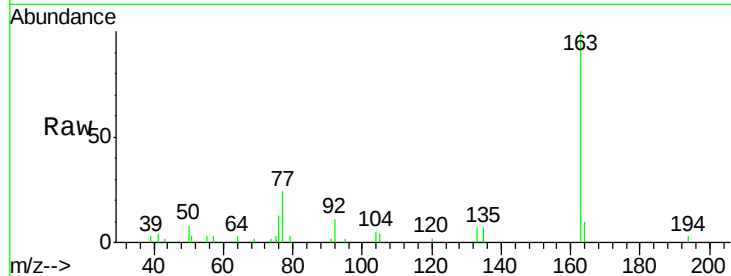




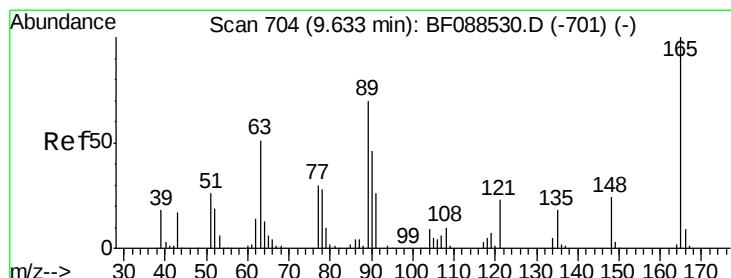
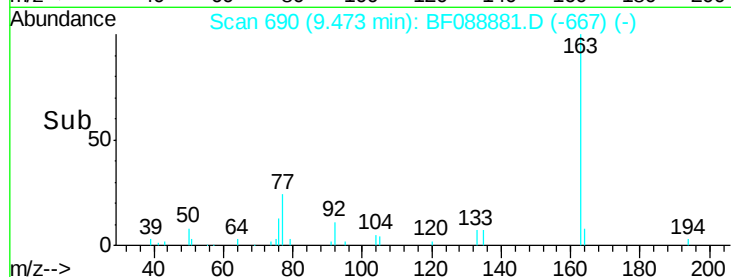
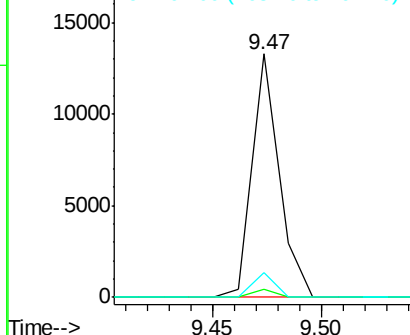
#49
Dimethylphthalate
Concen: 1.23 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:163 Resp: 11444
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 8.3 12.5

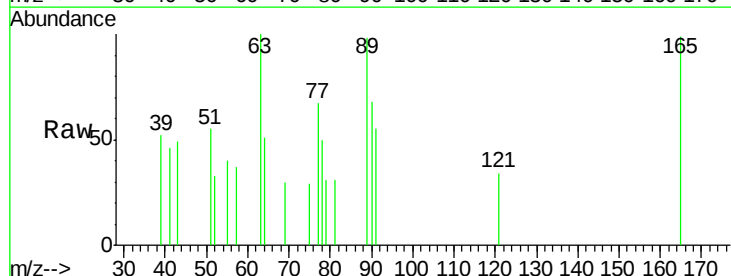


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

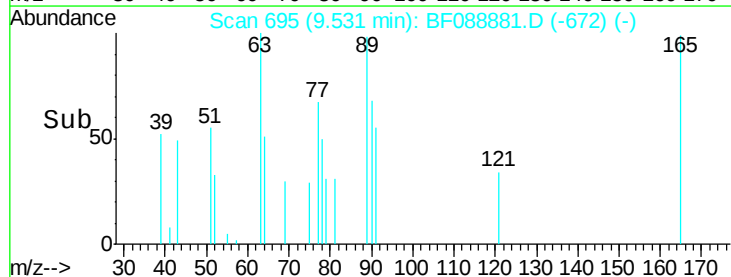
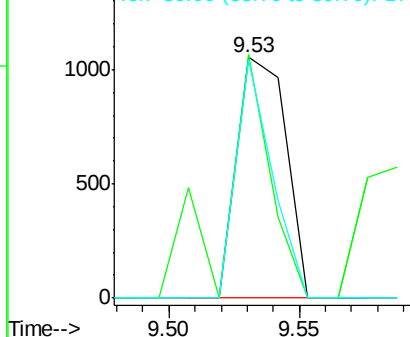


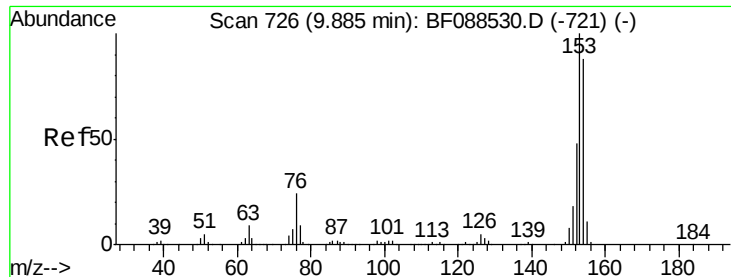
#50
2,6-Dinitrotoluene
Concen: 0.67 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:165 Resp: 1384
Ion Ratio Lower Upper
165 100
63 101.1 28.1 42.1#
89 99.0 32.2 48.2#



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





#51

Acenaphthene

Concen: 0.94 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

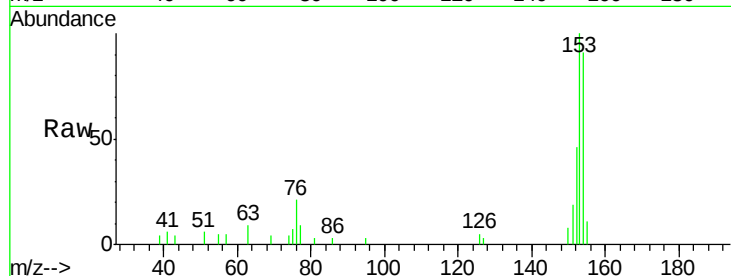
Tot Ion:154 Resp: 7798

Ion Ratio Lower Upper

154 100

153 109.8 89.5 134.3

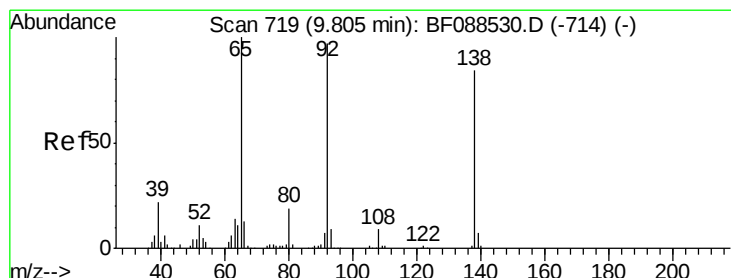
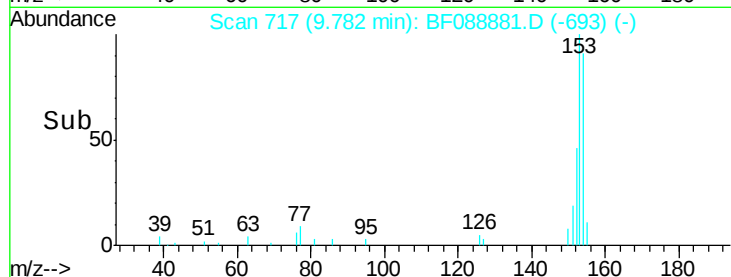
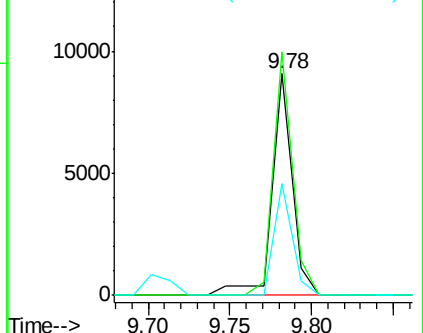
152 50.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.46 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

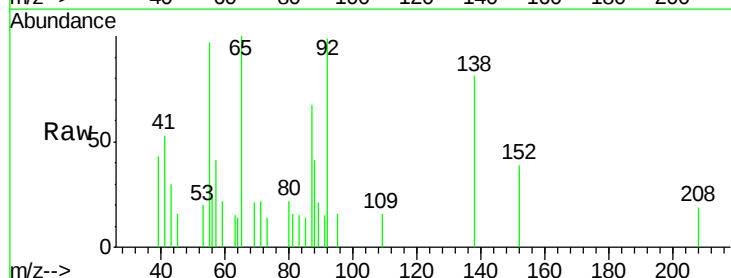
Tgt Ion:138 Resp: 1199

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

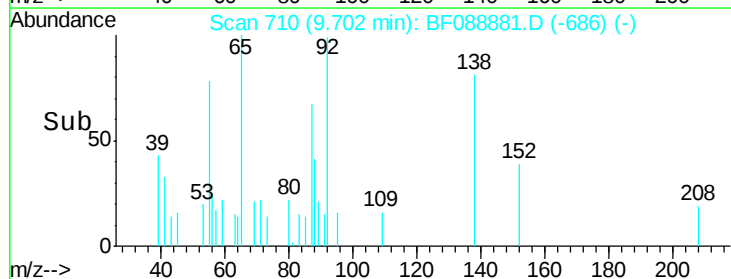
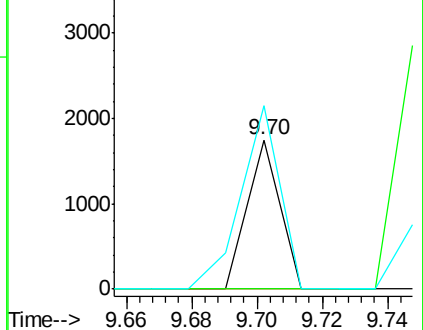
92 122.5 95.7 143.5

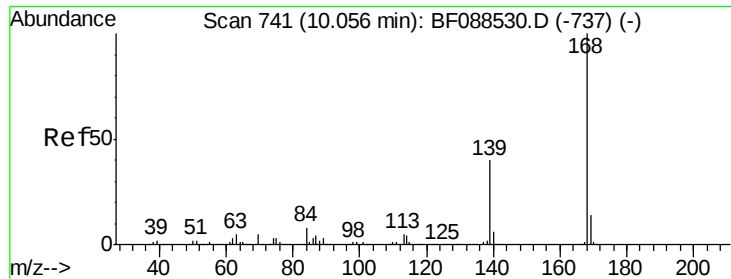


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

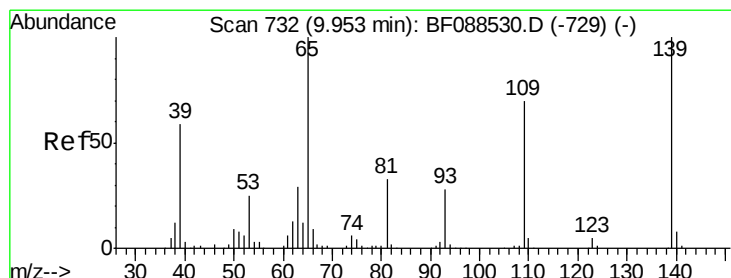
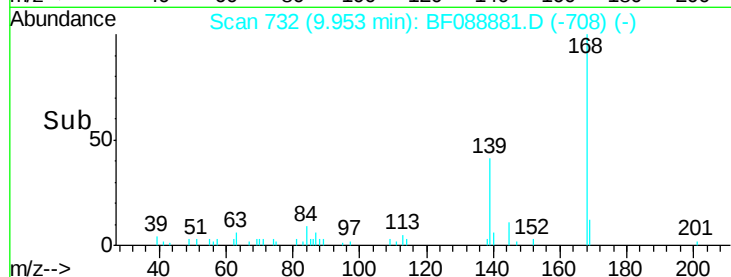
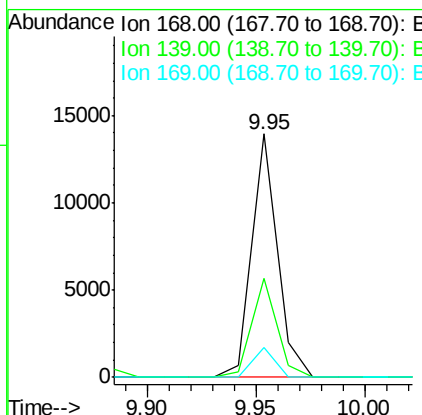
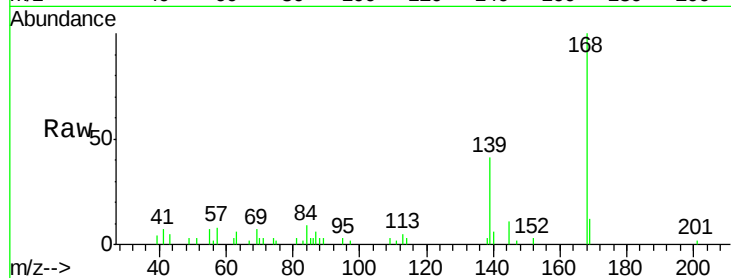




#54
Dibenzofuran
Concen: 1.05 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

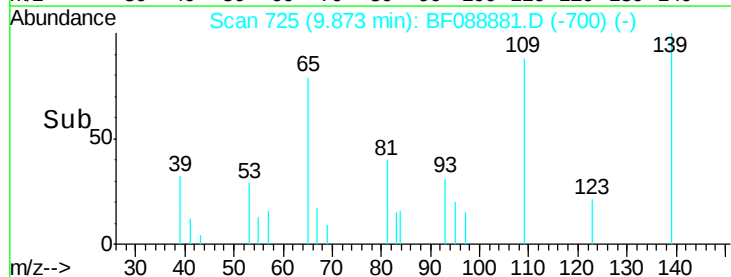
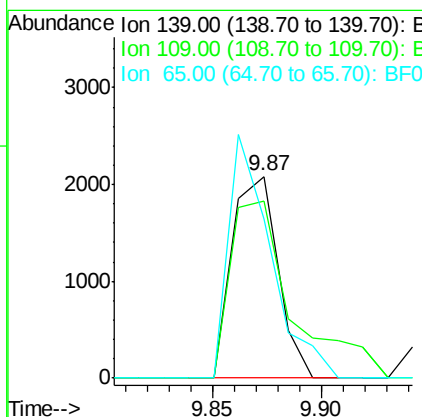
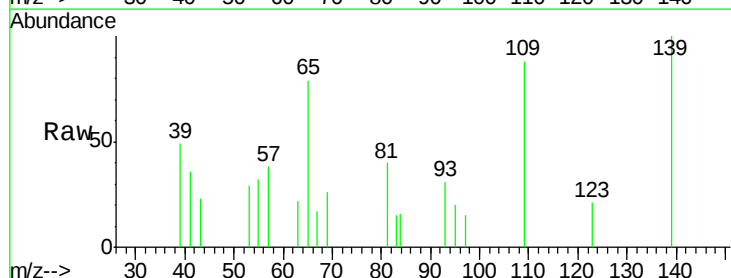
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

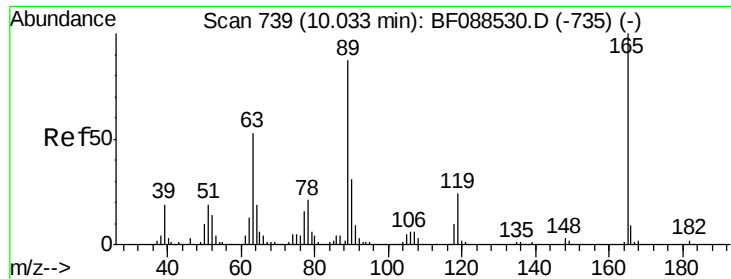
Tot Ion:168 Resp: 11383
Ion Ratio Lower Upper
168 100
139 40.5 26.4 39.6#
169 12.3 10.4 15.6



#55
4-Nitrophenol
Concen: 1.53 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:139 Resp: 3035
Ion Ratio Lower Upper
139 100
109 87.7 48.9 88.9
65 79.0 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 0.72 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

Tot Ion:165 Resp: 1935

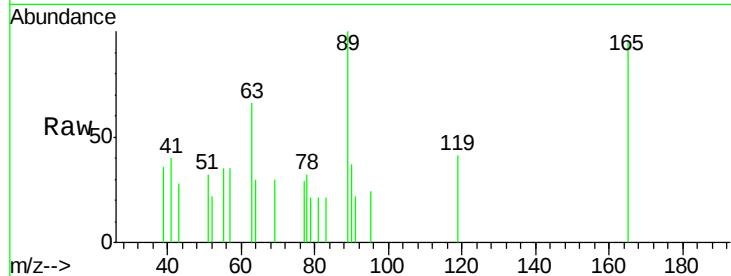
Ion Ratio Lower Upper

165 100

63 69.5 22.0 33.0#

89 104.7 41.1 61.7#

182 0.0 2.0 3.0#

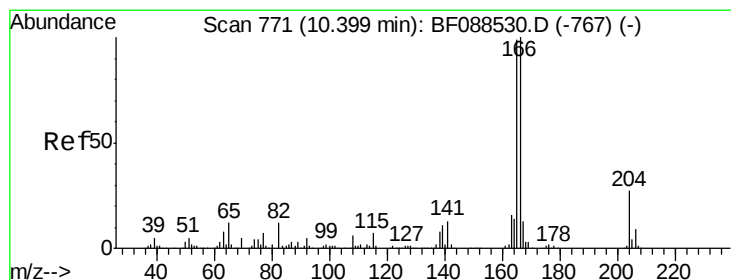
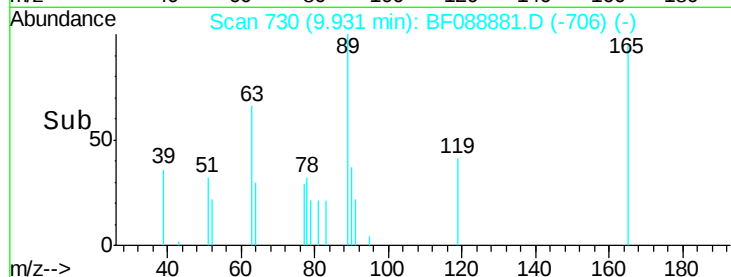
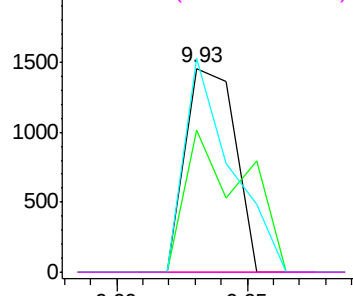


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 1.07 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

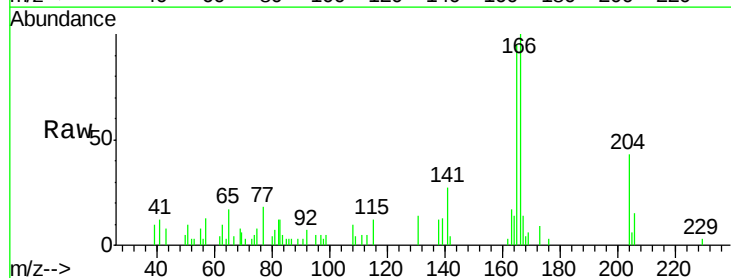
Tgt Ion:166 Resp: 8896

Ion Ratio Lower Upper

166 100

165 94.8 77.8 116.8

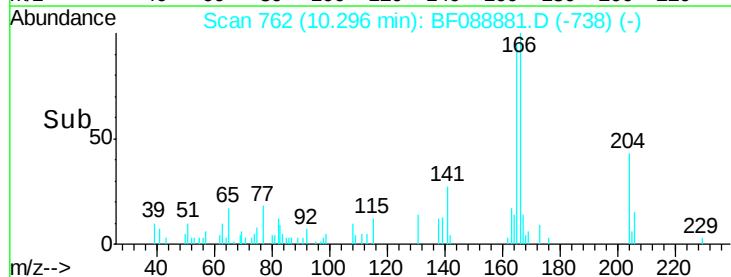
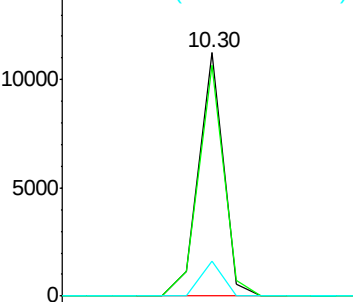
167 14.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

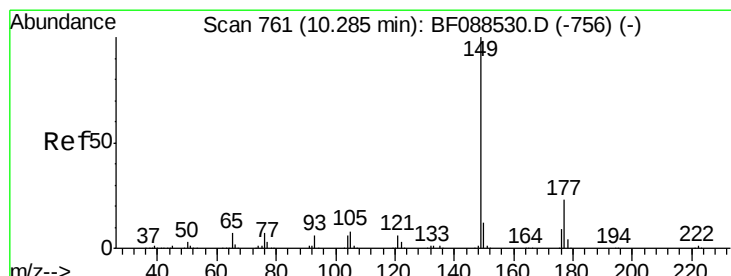
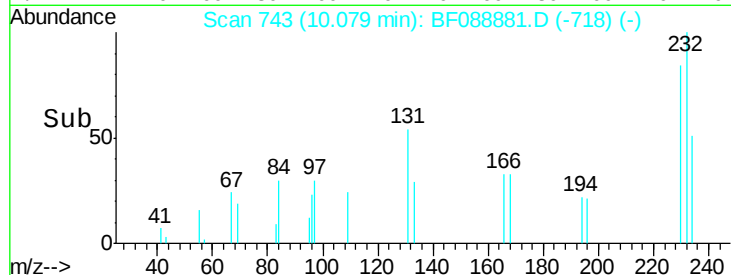
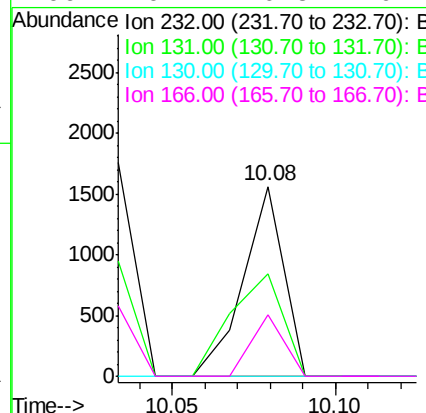
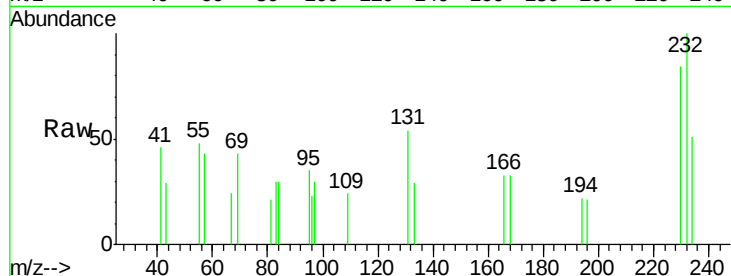




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.70 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

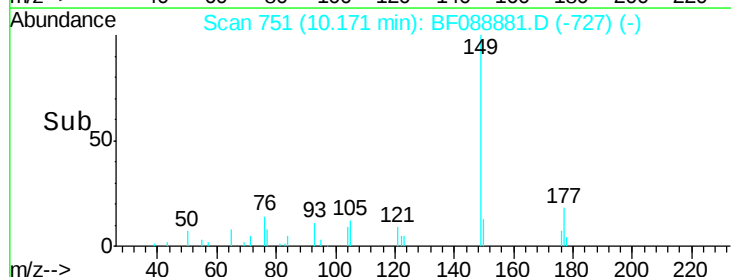
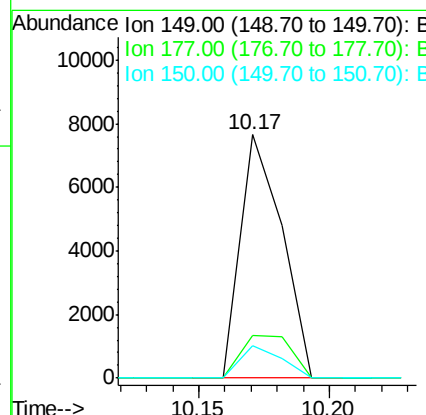
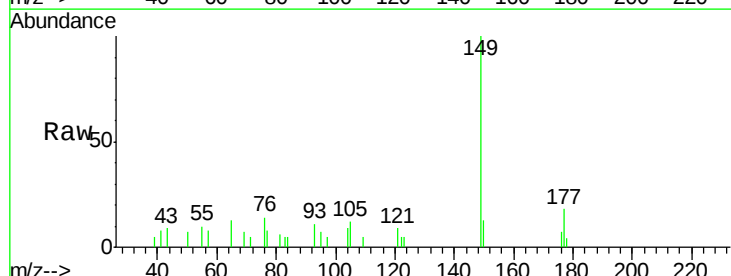
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

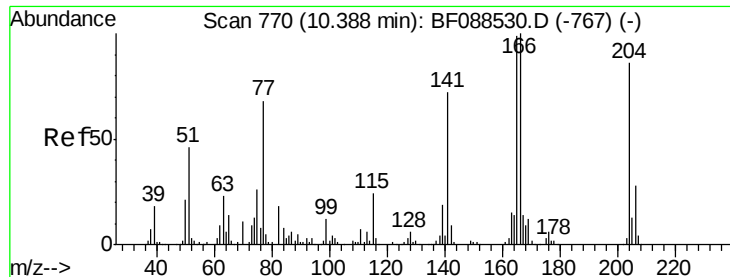
Tot Ion:232 Resp: 1333
 Ion Ratio Lower Upper
 232 100
 131 70.0 0.9 1.3#
 130 0.0 1.5 2.3#
 166 26.1 0.5 0.7#



#59
 Diethylphthalate
 Concen: 0.92 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:149 Resp: 8555
 Ion Ratio Lower Upper
 149 100
 177 17.5 16.9 25.3
 150 13.1 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 0.98 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

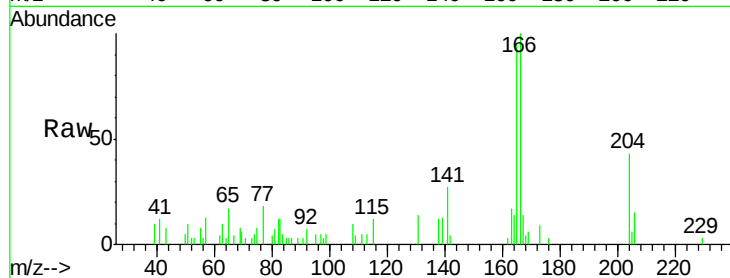
Tot Ion:204 Resp: 3781

Ion Ratio Lower Upper

204 100

206 35.8 26.3 39.5

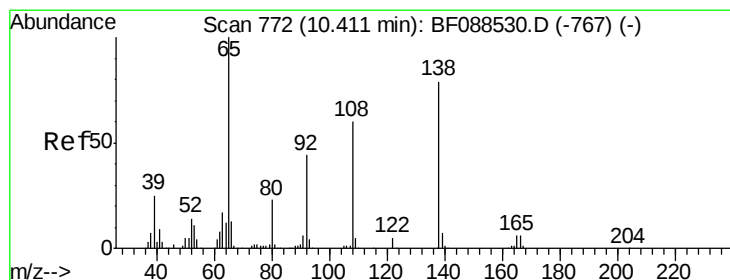
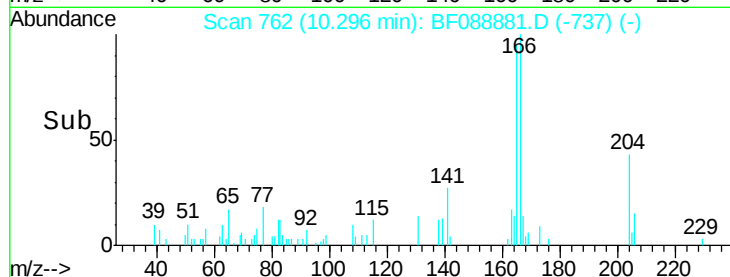
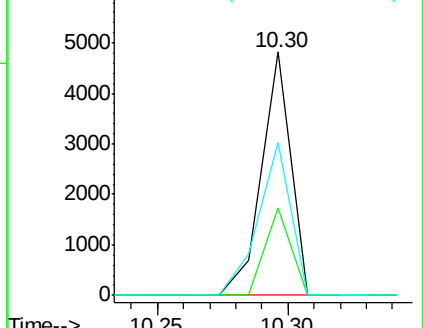
141 62.9 55.0 82.6



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: 0.65 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.03 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

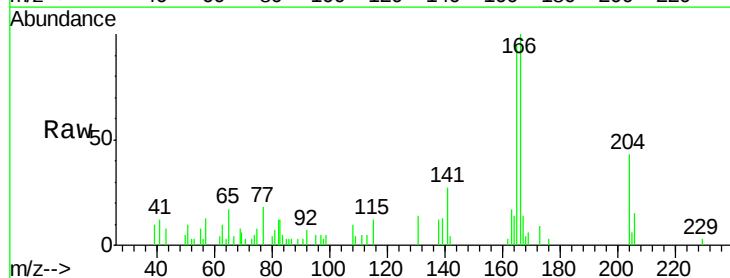
Tgt Ion:138 Resp: 1634

Ion Ratio Lower Upper

138 100

92 57.4 27.3 67.3

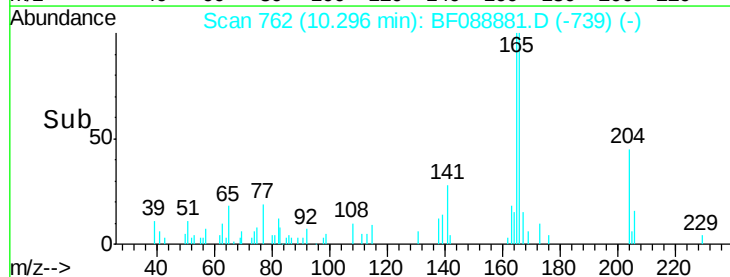
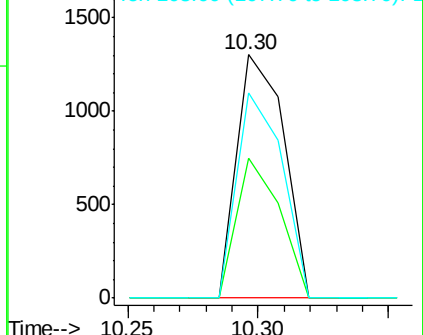
108 84.4 46.7 86.7

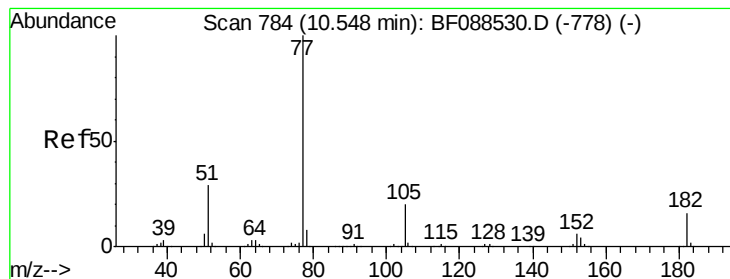


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.86 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

Tot Ion: 77 Resp: 9150

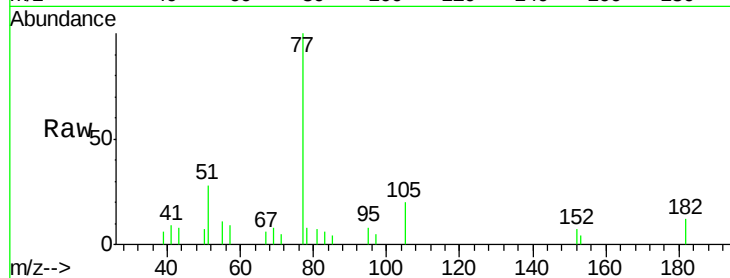
Ion Ratio Lower Upper

77 100

182 12.0 4.4 44.4

105 20.0 3.8 43.8

51 28.4 9.3 49.3

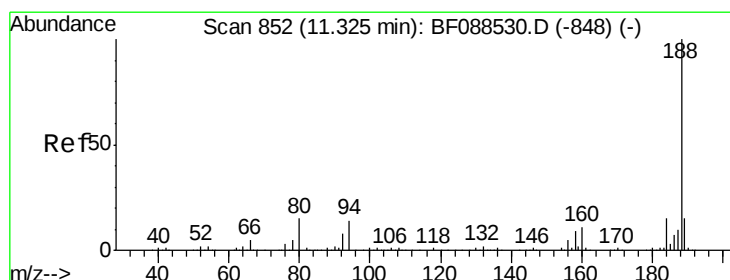
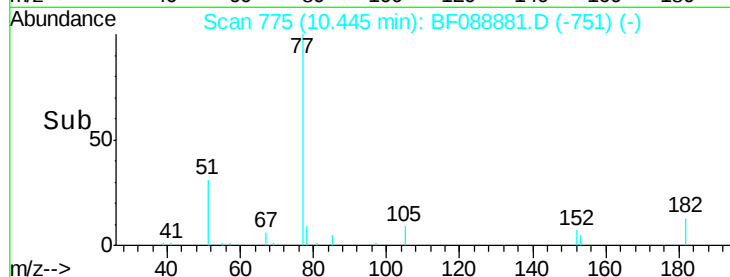
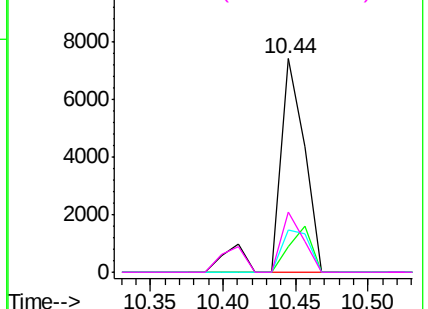


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

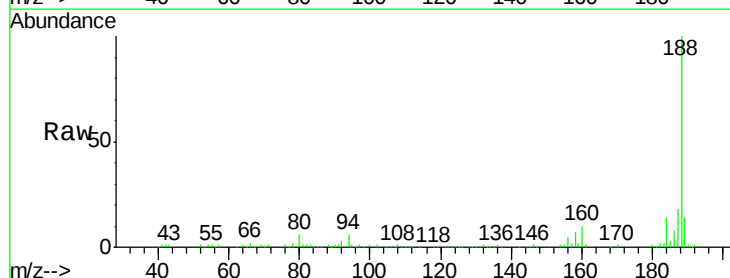
Tgt Ion: 188 Resp: 248743

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.6#

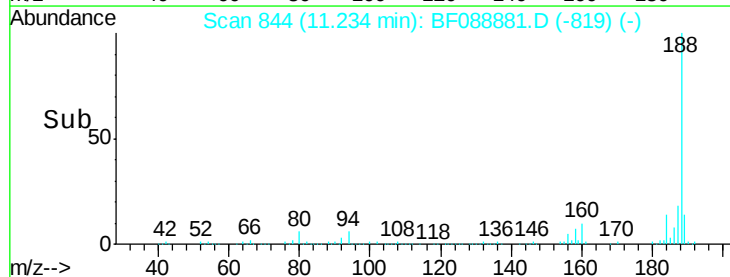
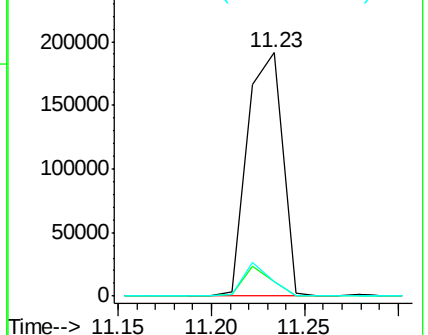
80 6.0 10.0 15.0#

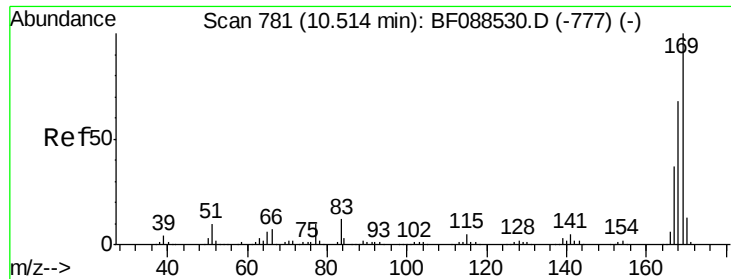


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

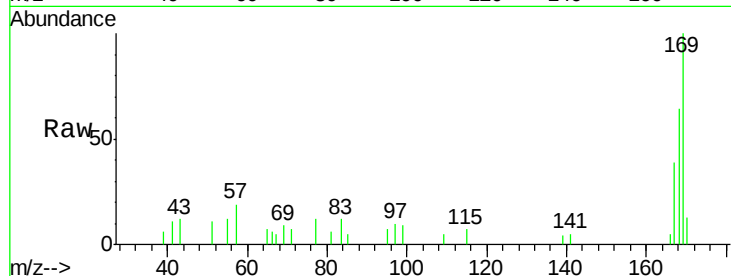




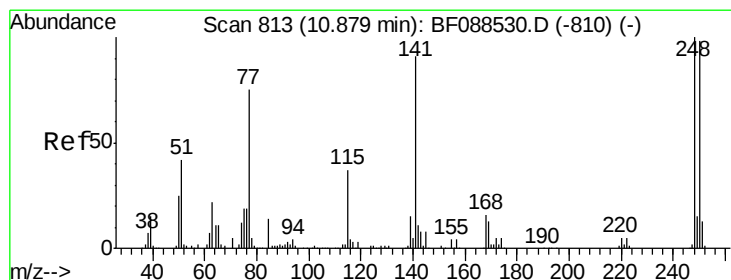
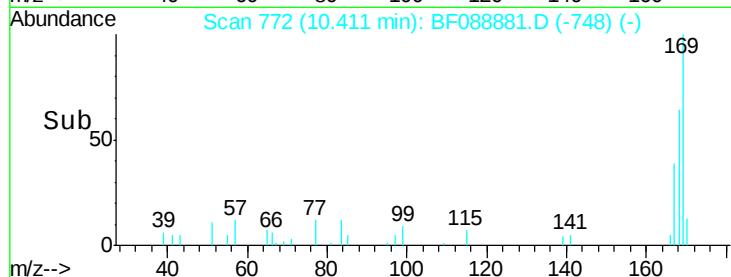
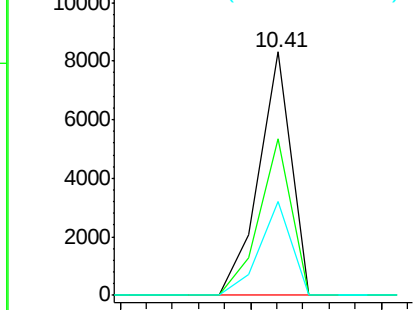
#65
n-Nitrosodiphenylamine
Concen: 0.84 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:169 Resp: 7113
Ion Ratio Lower Upper
169 100
168 64.5 53.4 80.0
167 38.8 29.4 44.0

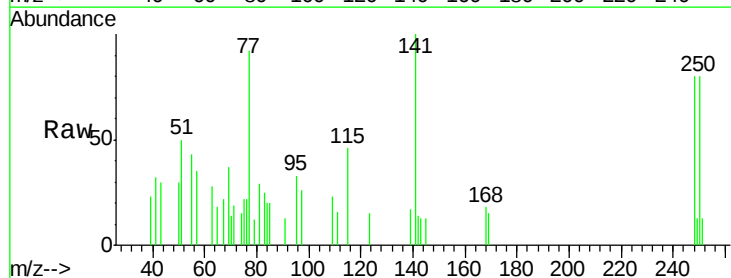


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

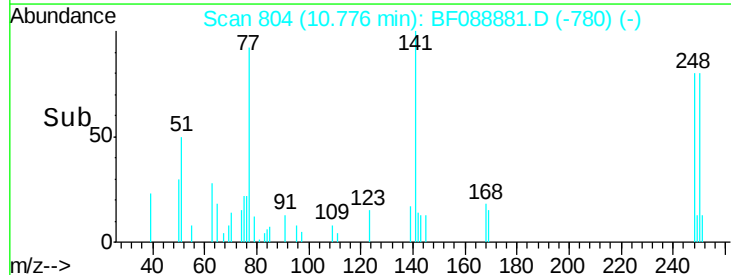
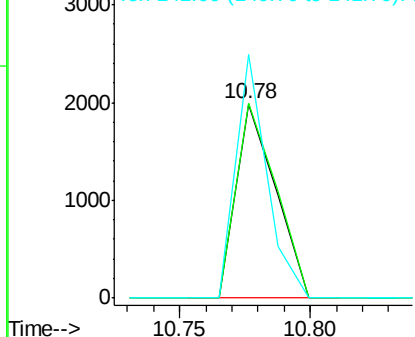


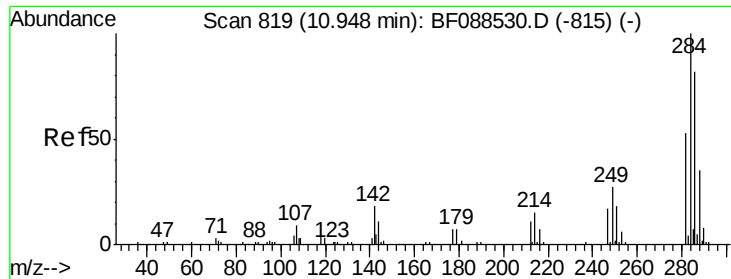
#66
4-Bromophenyl-phenylether
Concen: 0.83 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:248 Resp: 2080
Ion Ratio Lower Upper
248 100
250 100.6 77.1 115.7
141 125.3 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

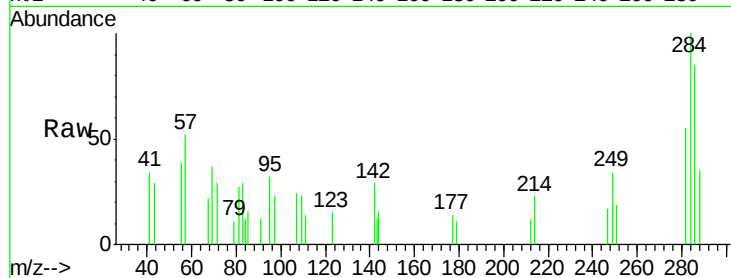




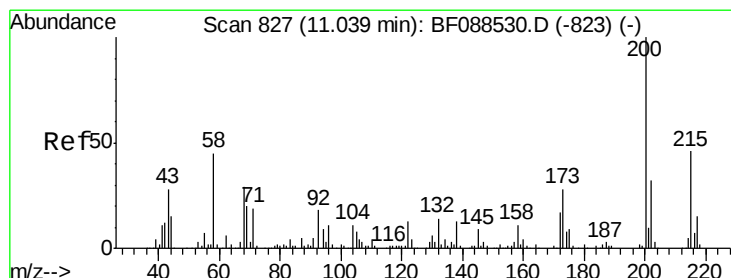
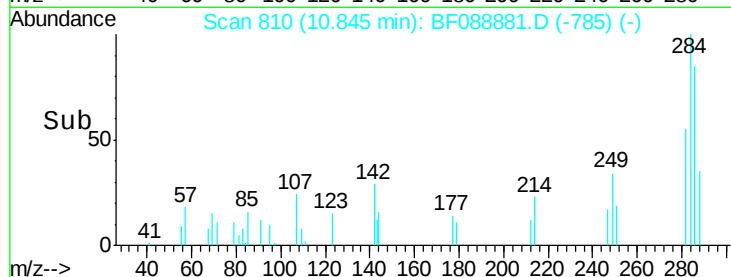
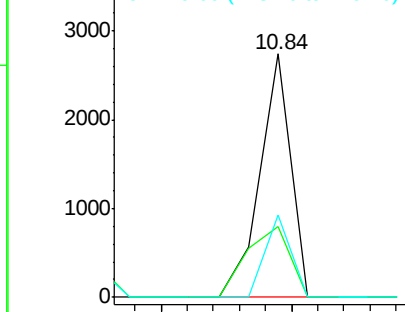
#67
Hexachlorobenzene
Concen: 0.82 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:284 Resp: 2264
Ion Ratio Lower Upper
284 100
142 28.9 35.8 53.8#
249 33.6 25.8 38.6

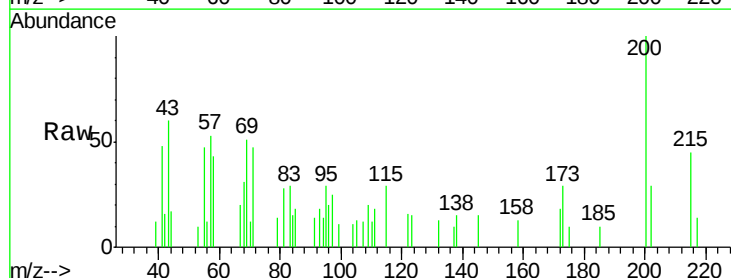


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

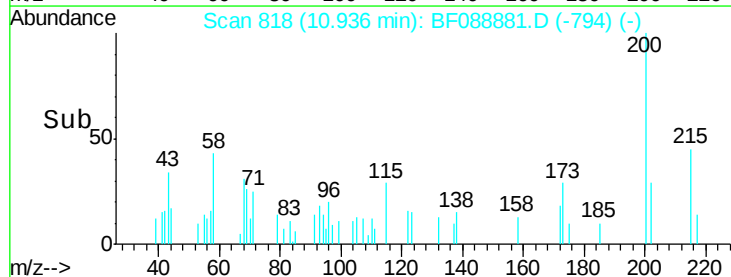
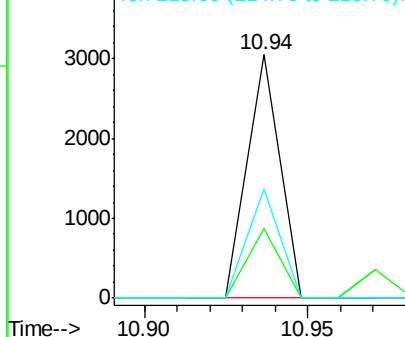


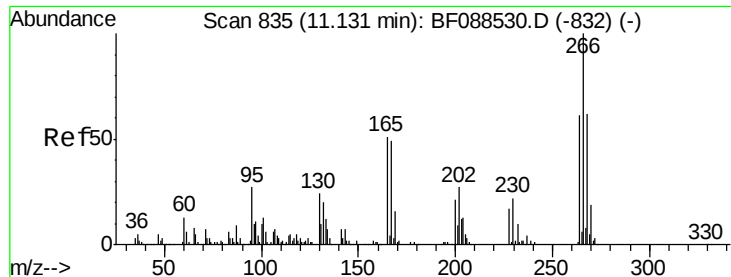
#68
Atrazine
Concen: 0.80 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:200 Resp: 2093
Ion Ratio Lower Upper
200 100
173 28.5 4.0 44.0
215 44.8 29.3 69.3



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

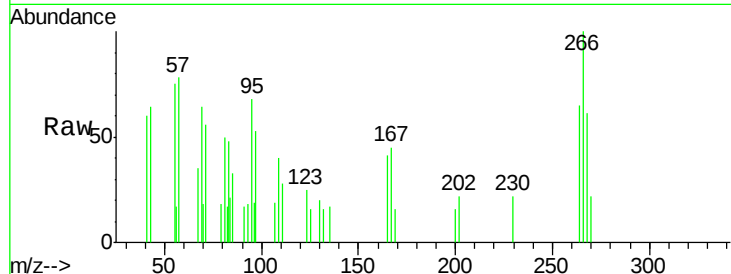




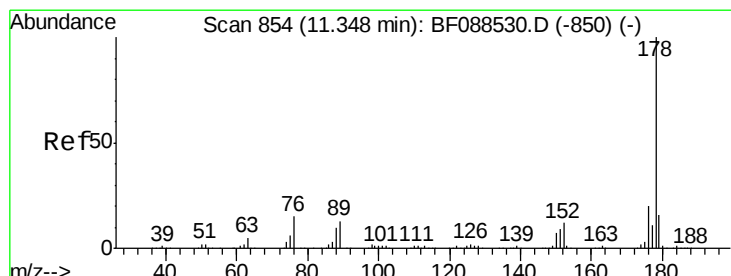
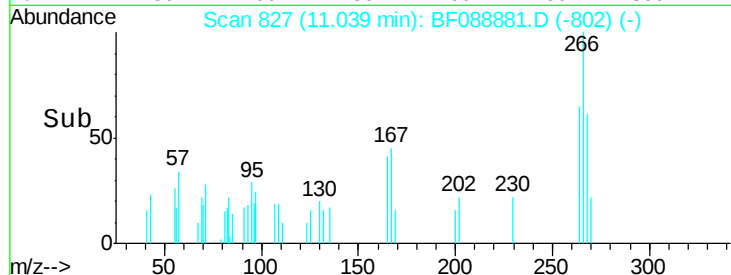
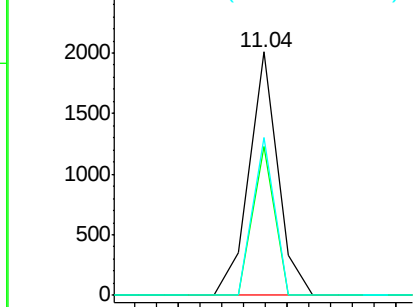
#69
 Pentachlorophenol
 Concen: 1.12 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion:266 Resp: 1846
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.8 79.2
 264 64.6 49.6 74.4

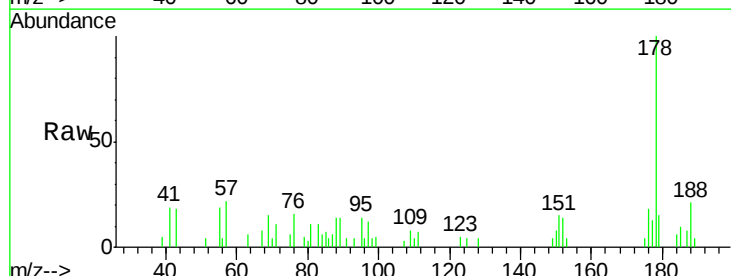


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

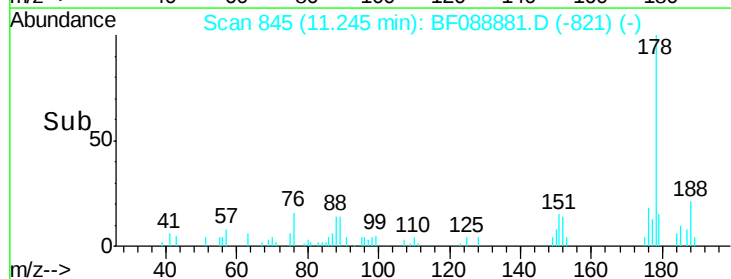
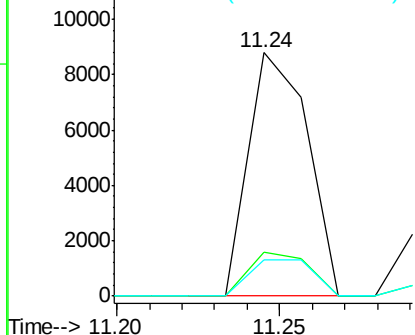


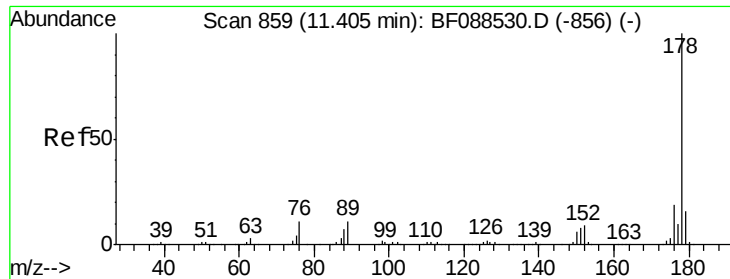
#70
 Phenanthrene
 Concen: 0.81 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:178 Resp: 10971
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.6
 179 14.8 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

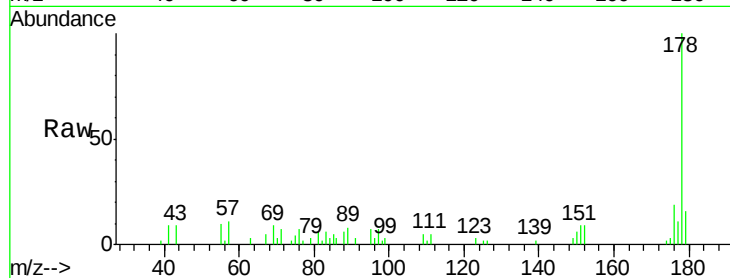




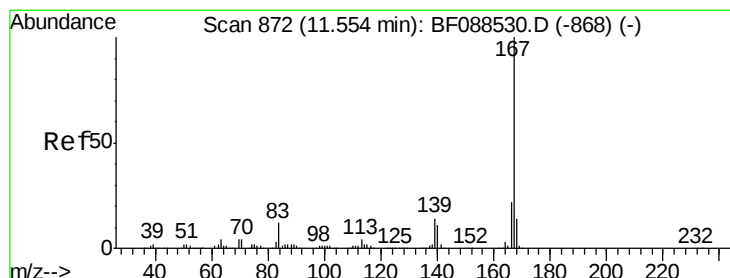
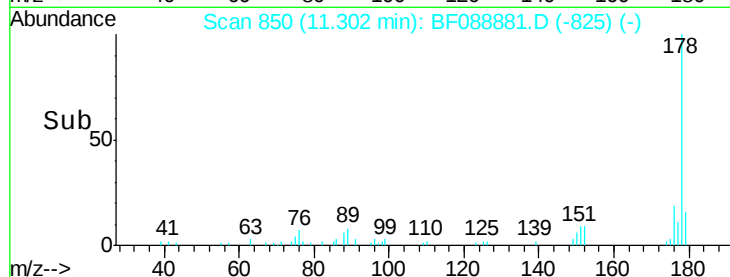
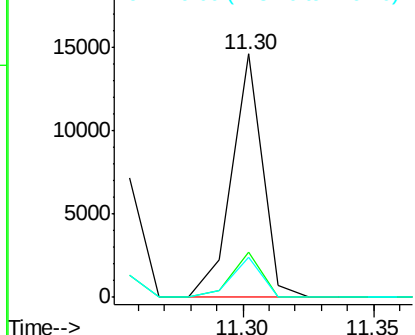
#71
 Anthracene
 Concen: 0.89 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01MS

Tot Ion:178 Resp: 12062
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 16.3 12.8 19.2

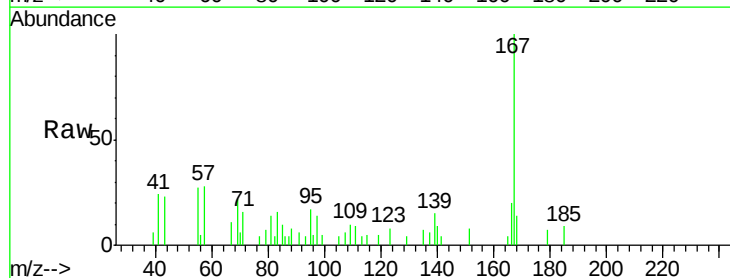


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

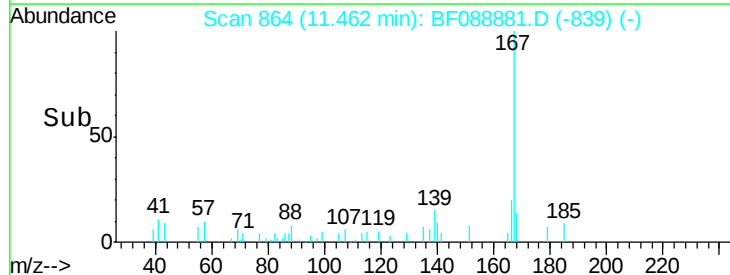
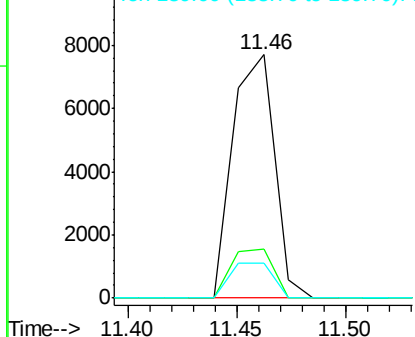


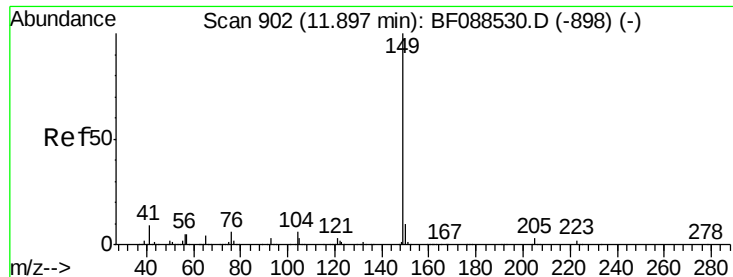
#72
 Carbazole
 Concen: 0.81 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088881.D
 Acq: 9 Jul 2016 20:03

Tgt Ion:167 Resp: 10248
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.8 26.6
 139 14.6 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 1.01 ng

RT: 11.81 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

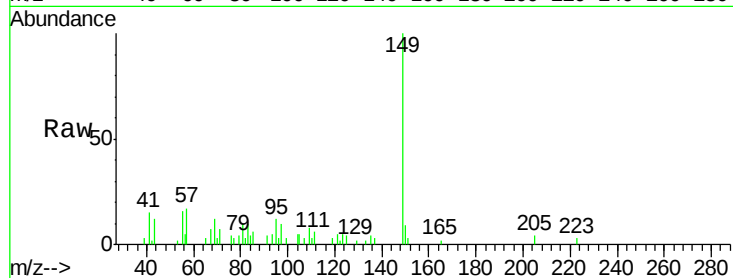
Tot Ion:149 Resp: 14903

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

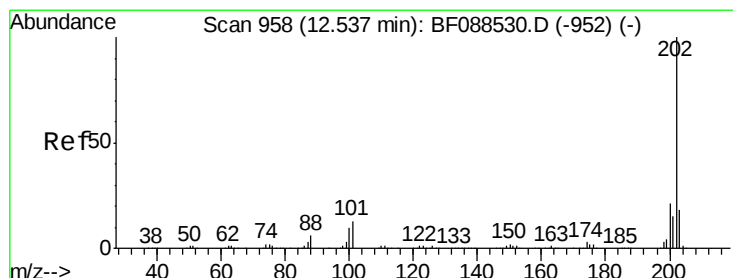
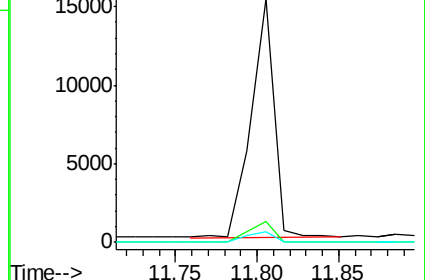
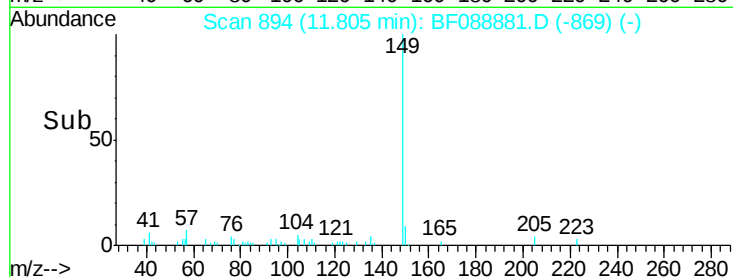
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.79 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

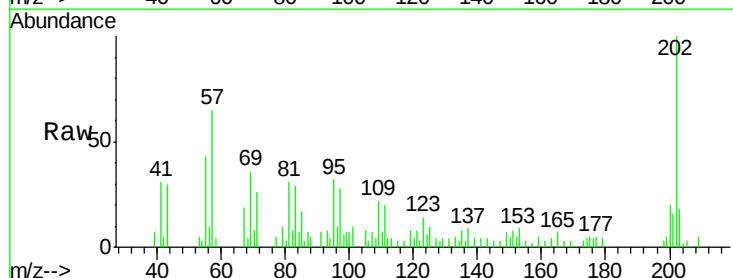
Tgt Ion:202 Resp: 10854

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.1

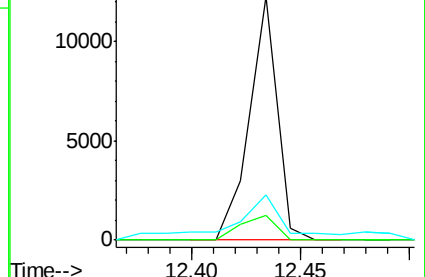
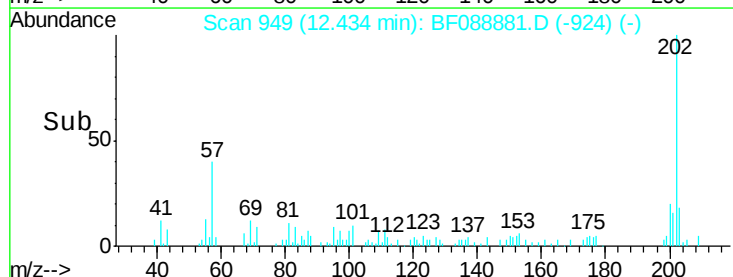
203 18.4 0.0 38.1

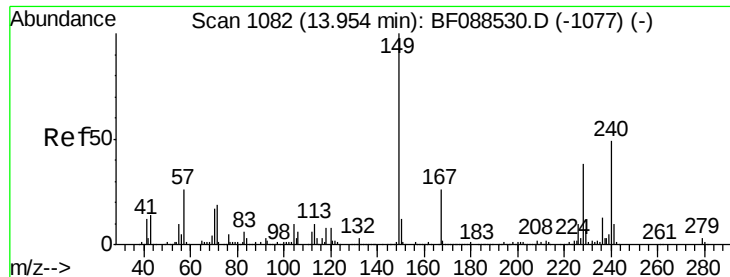


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

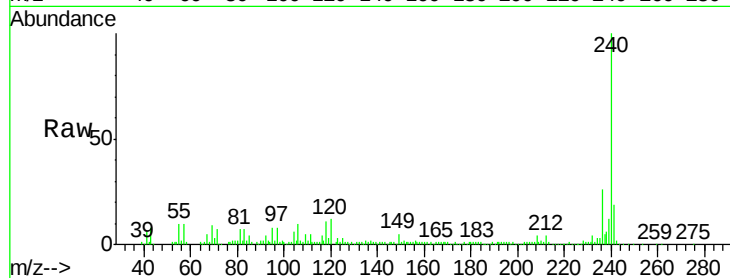
Tot Ion:240 Resp: 142725

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

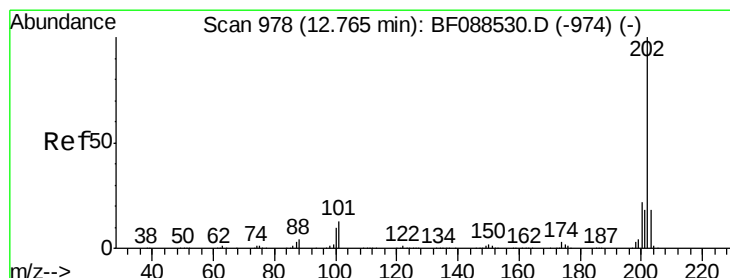
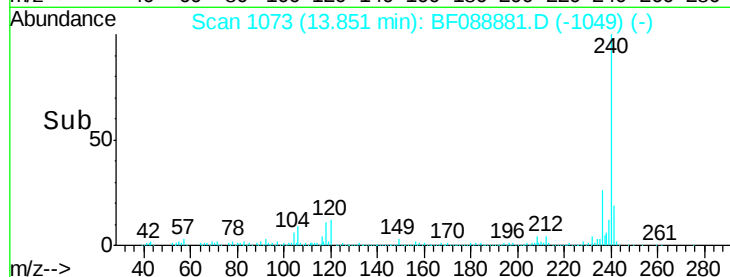
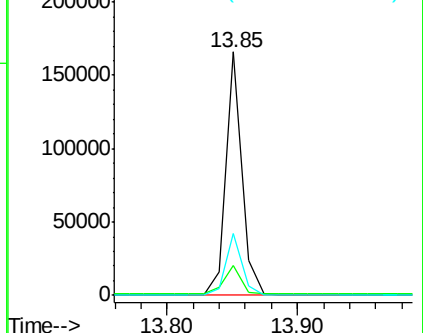
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.81 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

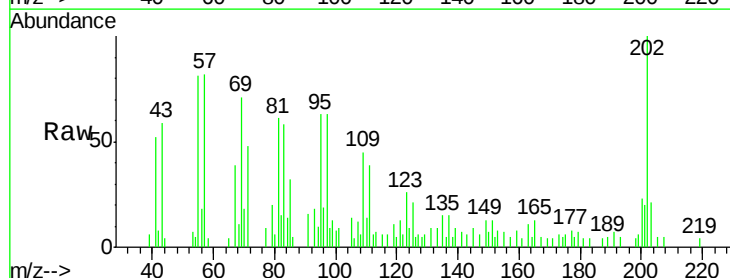
Tgt Ion:202 Resp: 9761

Ion Ratio Lower Upper

202 100

200 23.0 17.4 26.2

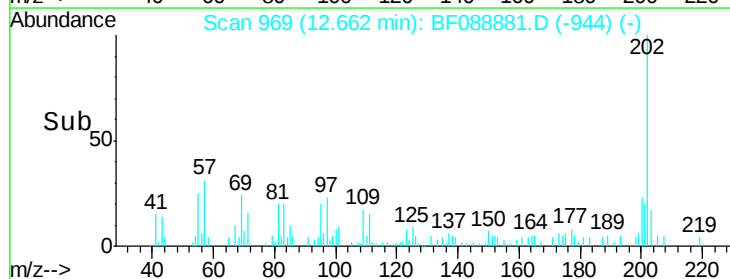
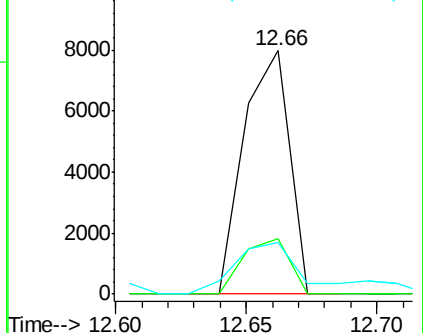
203 21.4 14.5 21.7

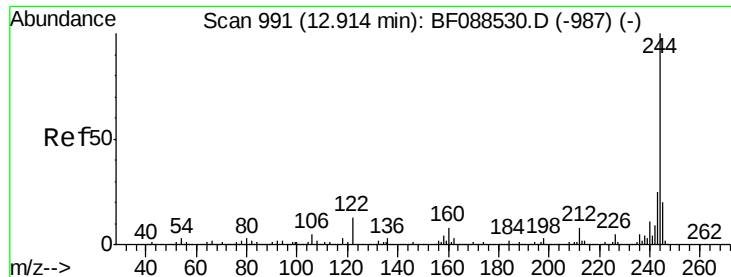


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.92 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

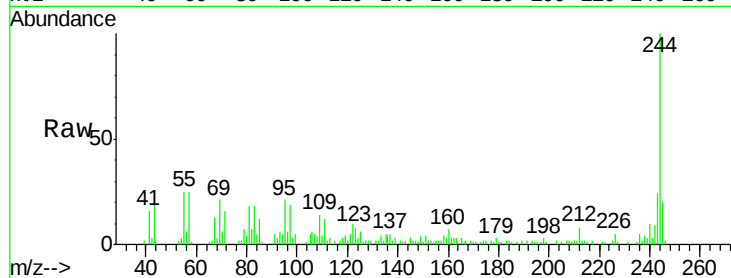
Tot Ion:244 Resp: 25139

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

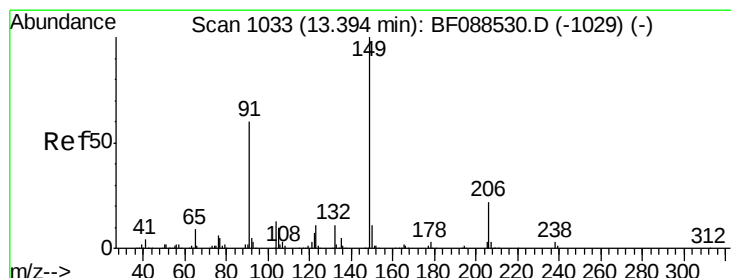
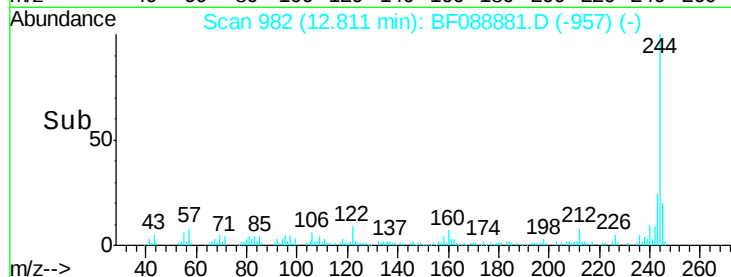
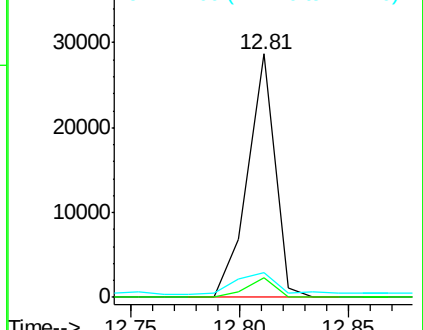
122 10.3 11.2 16.8#



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: 1.22 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

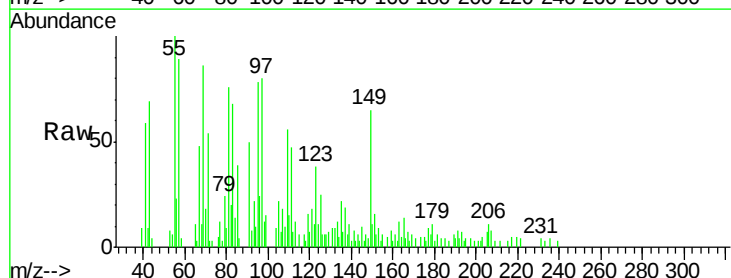
Tgt Ion:149 Resp: 6596

Ion Ratio Lower Upper

149 100

91 76.0 48.0 72.0#

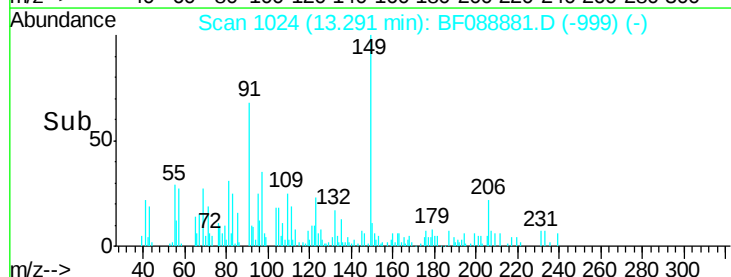
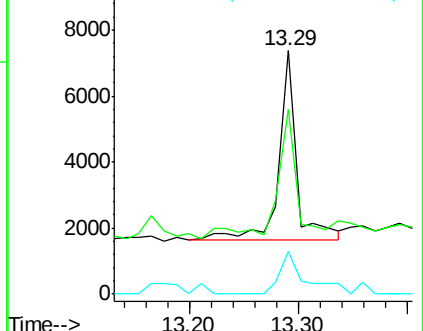
206 17.3 16.0 24.0

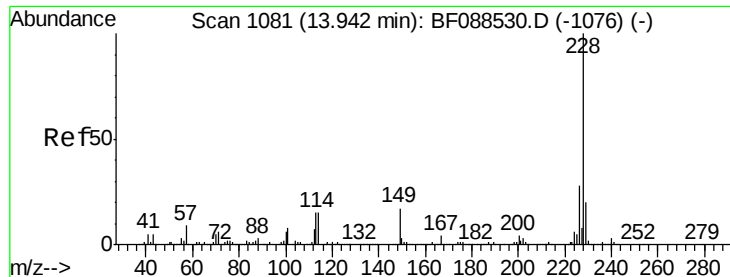


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.82 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

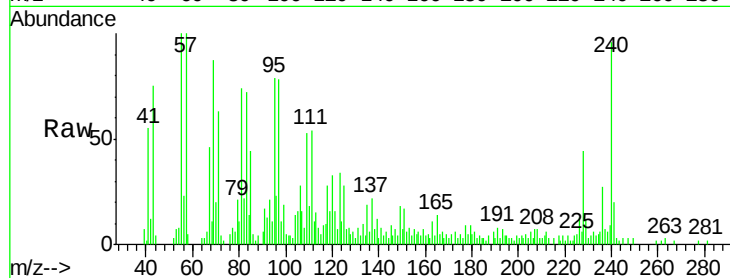
Tot Ion:228 Resp: 7497

Ion Ratio Lower Upper

228 100

226 29.4 22.3 33.5

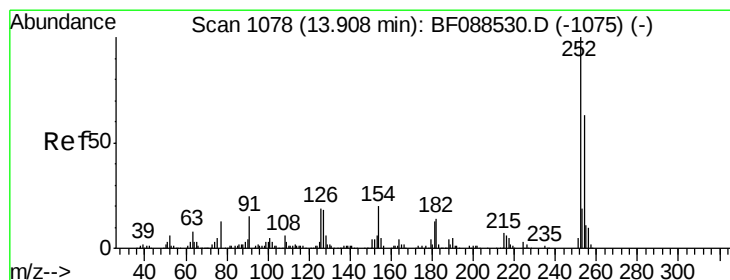
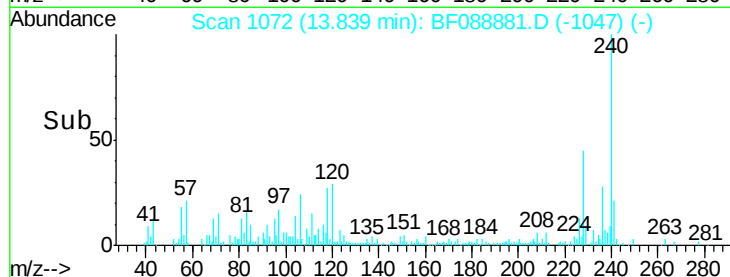
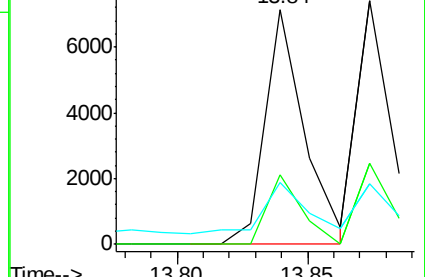
229 26.6 16.0 24.0#



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: 0.27 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

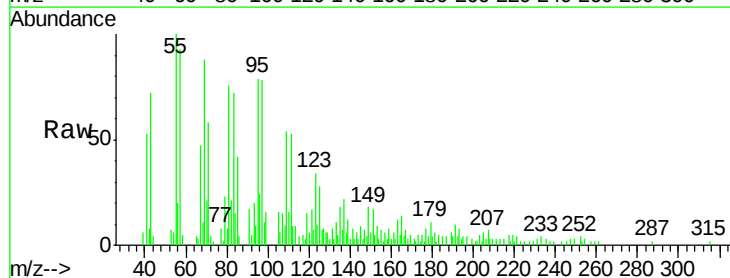
Tgt Ion:252 Resp: 940

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

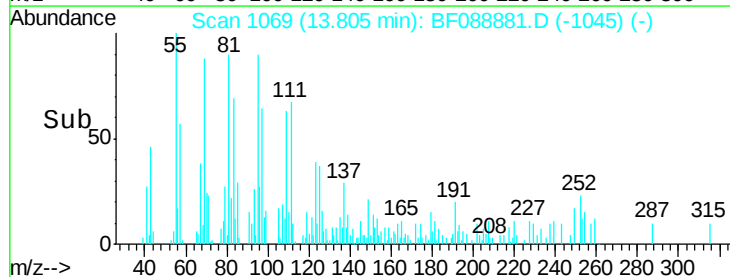
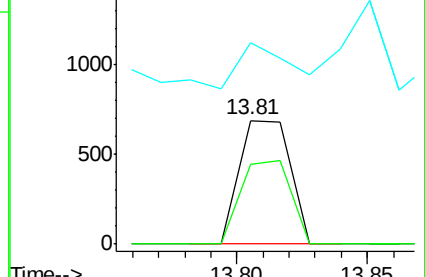
126 162.8 6.2 9.2#

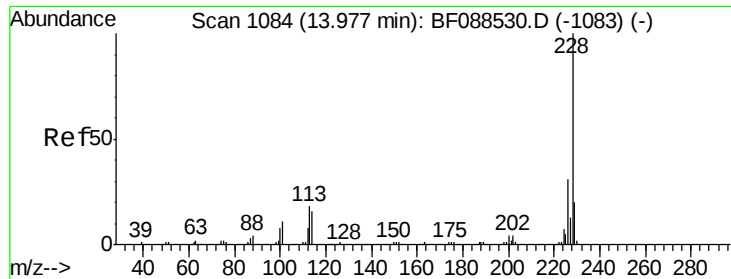


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.75 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

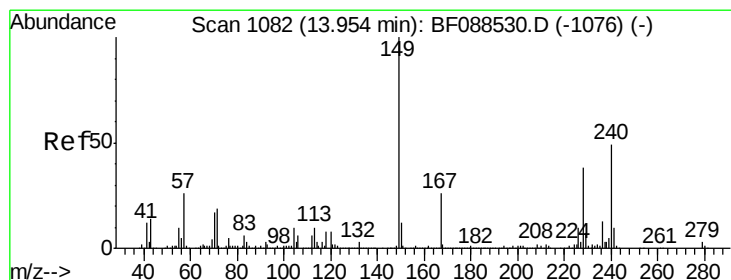
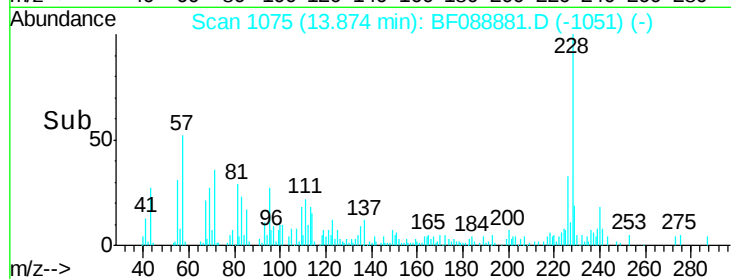
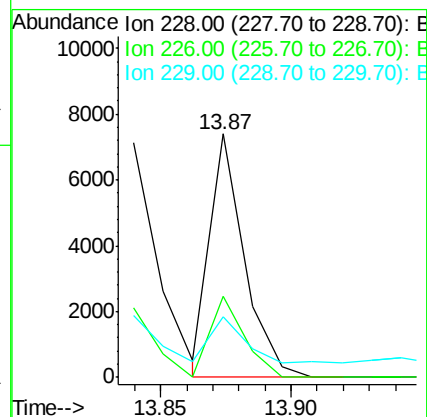
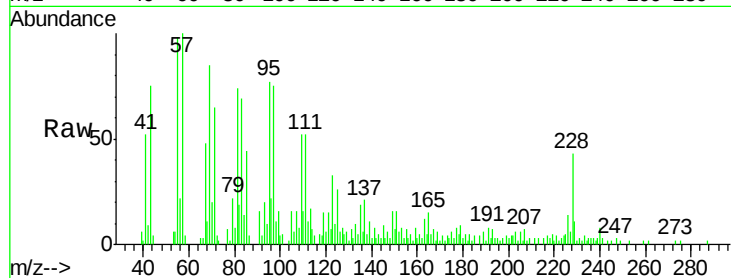
Tot Ion:228 Resp: 6783

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.2

229 24.8 16.3 24.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.15 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

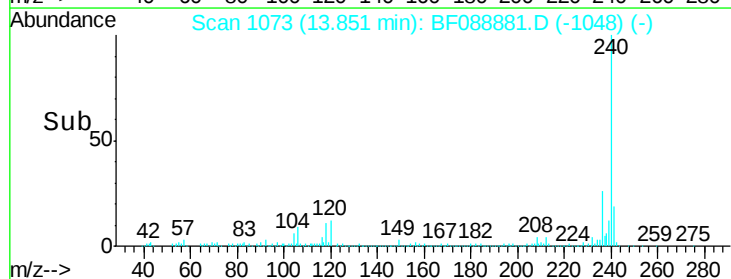
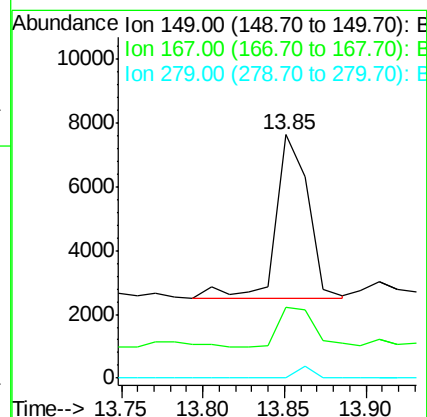
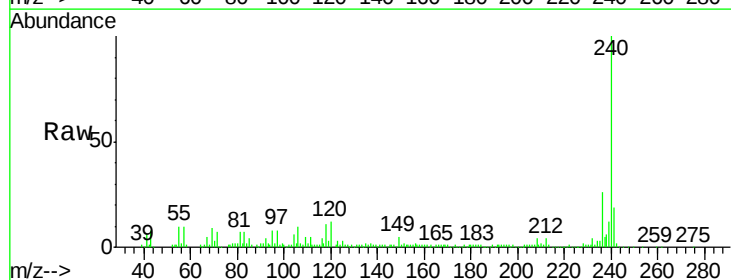
Tgt Ion:149 Resp: 7095

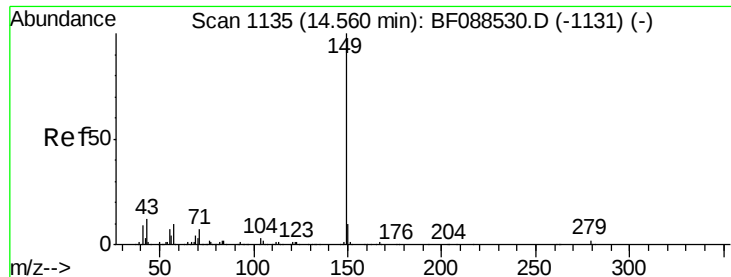
Ion Ratio Lower Upper

149 100

167 29.1 20.5 30.7

279 0.0 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 0.81 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

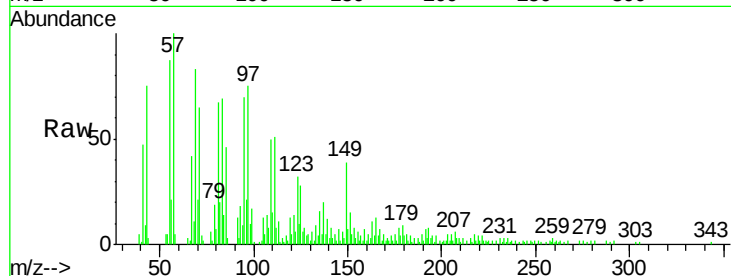
Tot Ion:149 Resp: 8458

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

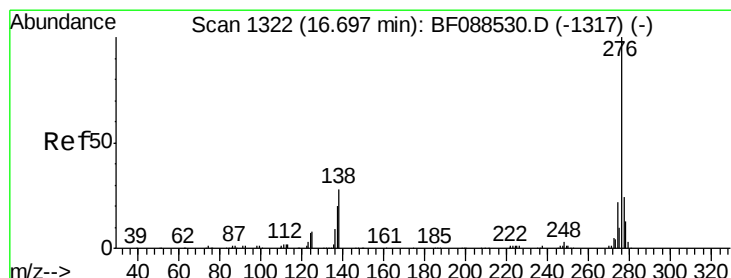
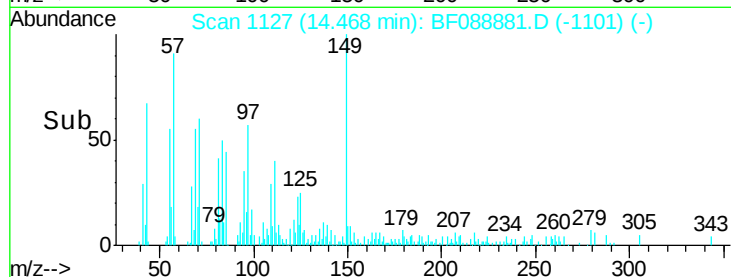
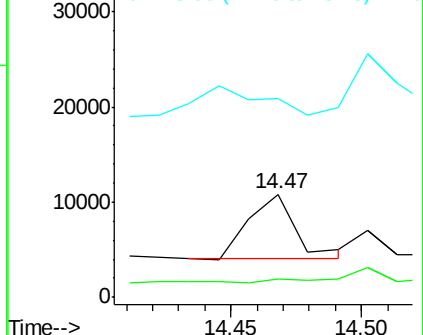
43 0.0 0.0 0.0



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: 1.12 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

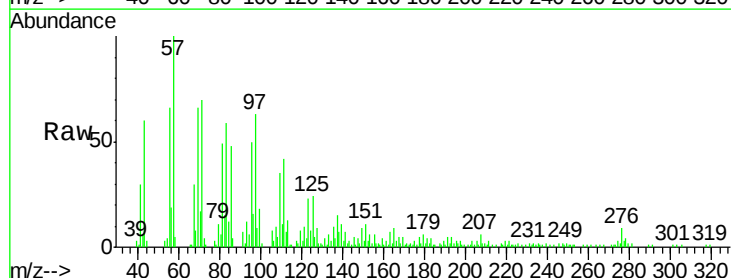
Tgt Ion:276 Resp: 7818

Ion Ratio Lower Upper

276 100

138 32.9 0.0 0.0#

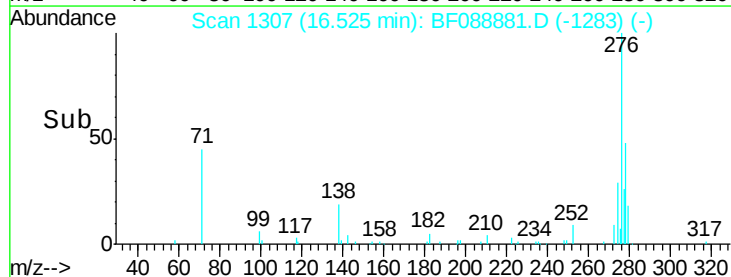
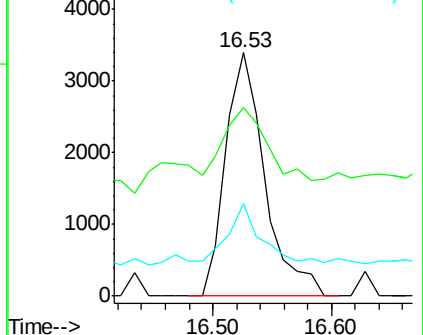
277 25.5 0.0 0.0#

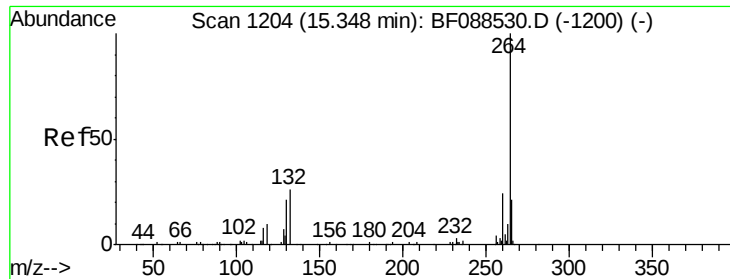


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



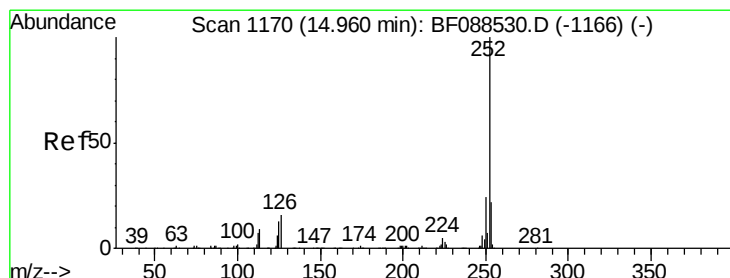
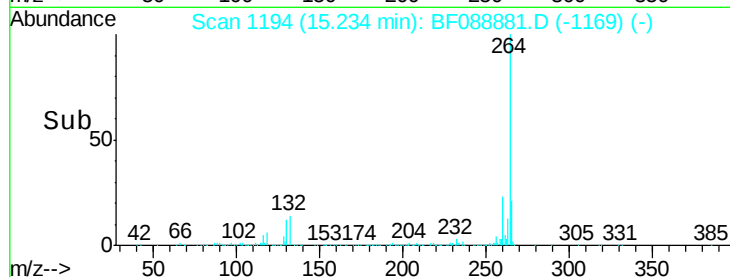
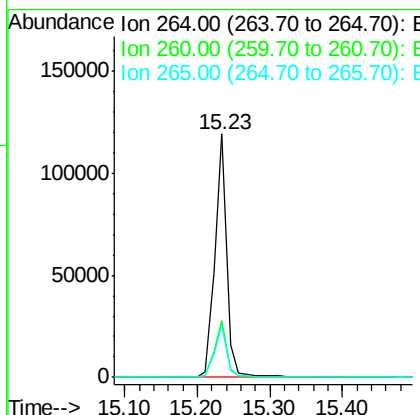
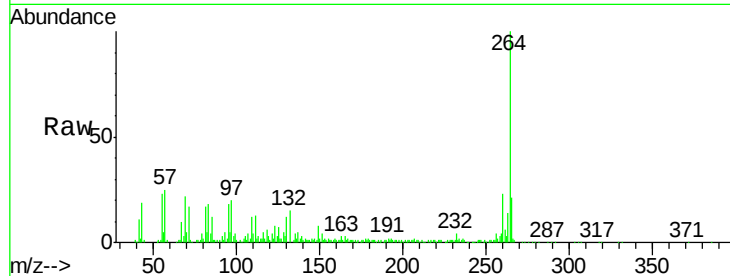


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MS

Tot Ion:264 Resp: 136768

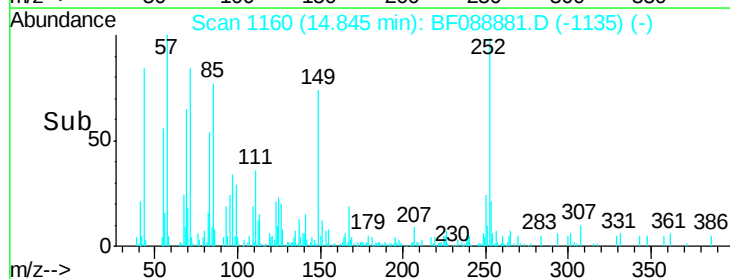
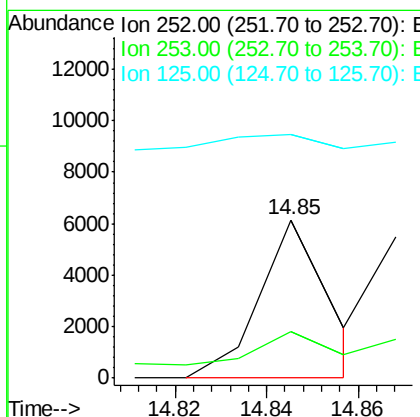
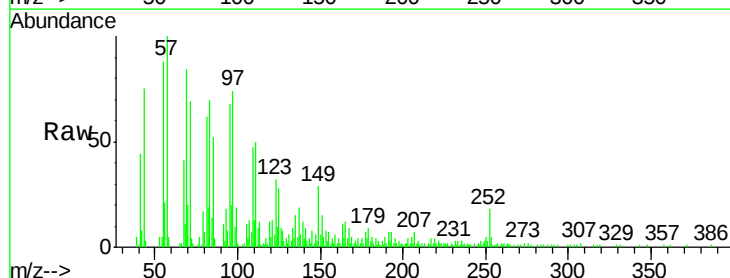
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

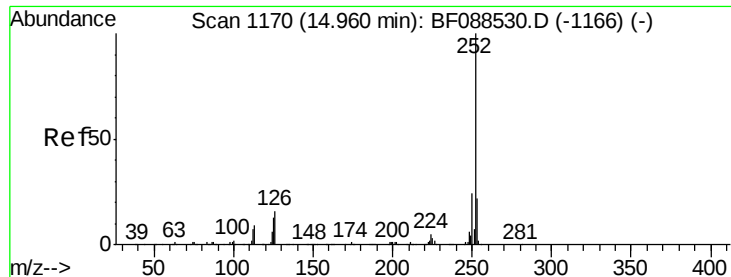


#87
Benzo(b)fluoranthene
Concen: 0.74 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088881.D
Acq: 9 Jul 2016 20:03

Tgt Ion:252 Resp: 6379

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.4	26.2#
125	154.0	7.1	10.7#





#88

Benzo(k)fluoranthene

Concen: 0.81 ng/mL

RT: 14.87 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

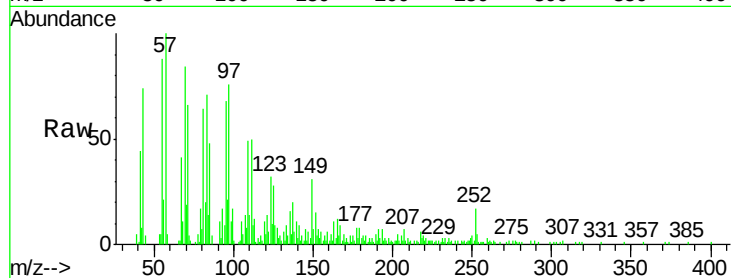
Tot Ion:252 Resp: 6084

Ion Ratio Lower Upper

252 100

253 27.0 18.0 27.0

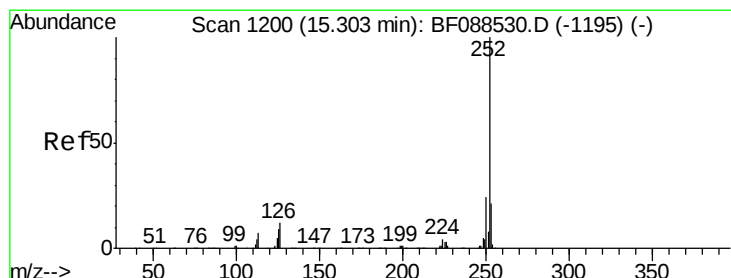
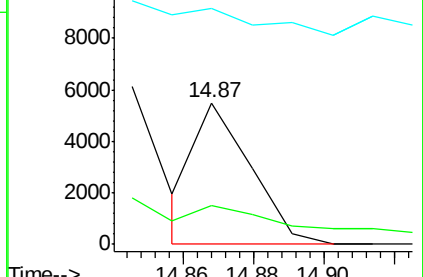
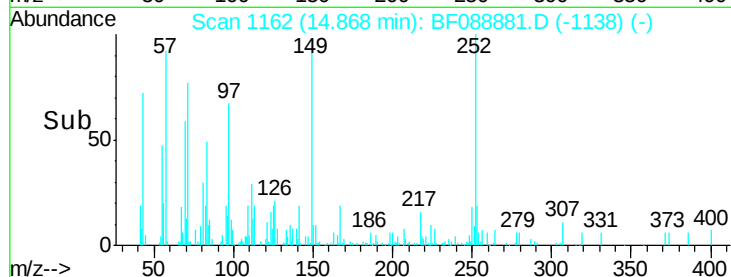
125 166.5 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.94 ng/mL

RT: 15.18 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

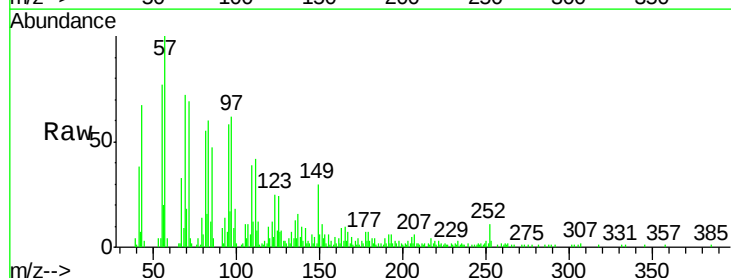
Tgt Ion:252 Resp: 6832

Ion Ratio Lower Upper

252 100

253 31.5 17.9 26.9#

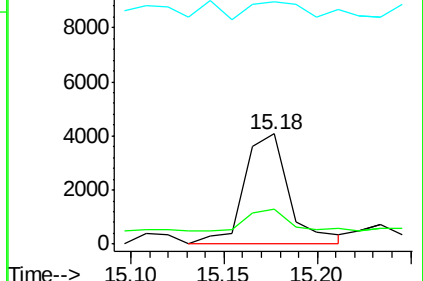
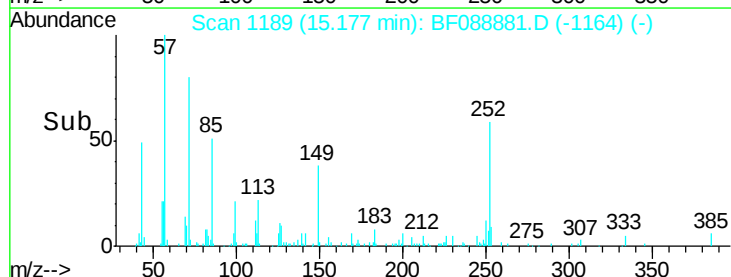
125 221.0 12.5 18.7#

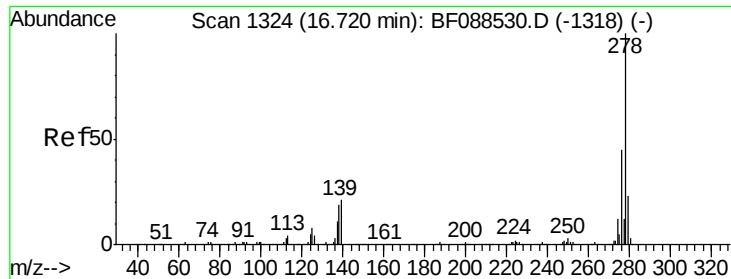


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.28 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01MS

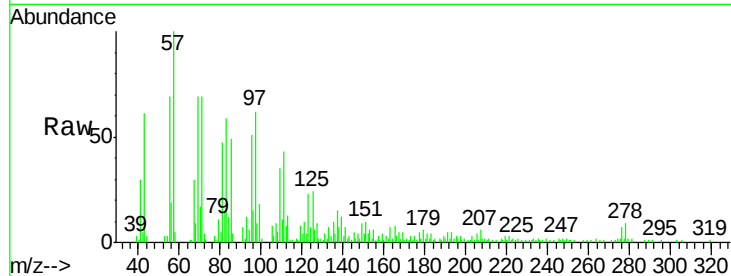
Tot Ion:278 Resp: 7735

Ion Ratio Lower Upper

278 100

139 129.1 15.7 23.5#

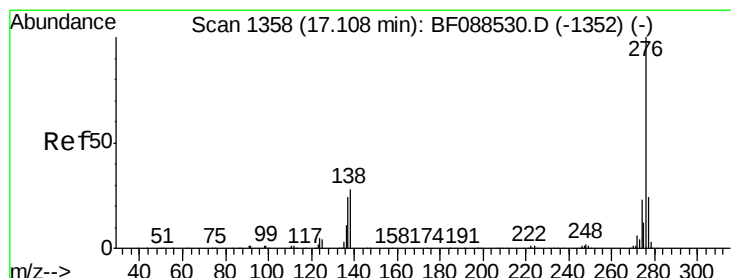
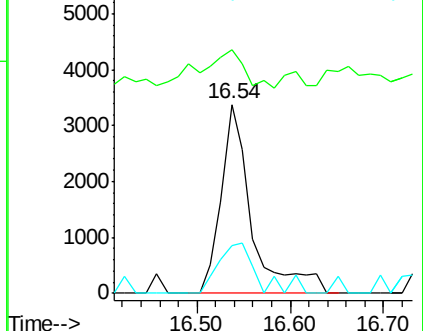
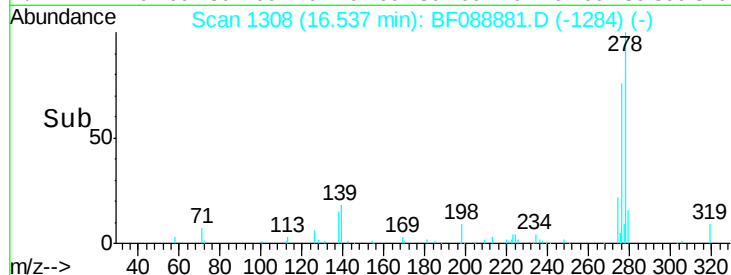
279 25.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.29 ng

RT: 16.91 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF088881.D

Acq: 9 Jul 2016 20:03

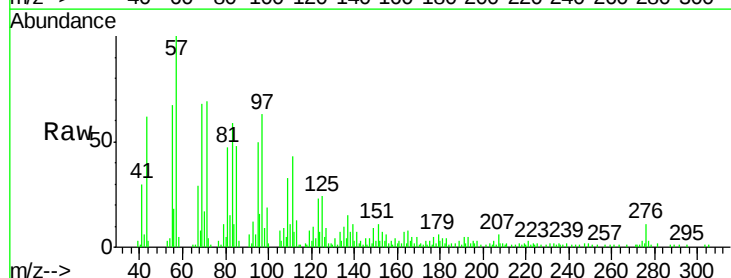
Tgt Ion:276 Resp: 8079

Ion Ratio Lower Upper

276 100

277 29.4 18.9 28.3#

138 60.3 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

