

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088922.D
 Acq On : 12 Jul 2016 13:57
 Operator : UM/SJ
 Sample : PB91808BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 16:03:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	50235	20.00	ng	-0.01
21) Naphthalene-d8	7.99	136	227661	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	106911	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	196152	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	146228	20.00	ng	-0.01
86) Perylene-d12	15.21	264	103604	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	61927	18.48	ng	-0.01
7) Phenol-d6	6.33	99	76314	17.62	ng	-0.02
23) Nitrobenzene-d5	7.27	82	47927	11.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	17496	17.62	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	96157	14.21	ng	-0.01
78) Terphenyl-d14	12.80	244	88245	13.44	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	2.89	79	21088	4.37	ng	94
4) n-Nitrosodimethylamine	2.80	42	9590	5.21	ng	# 97
8) 2-Chlorophenol	6.48	128	23060	6.40	ng	99
9) Benzaldehyde	6.24	77	9941	3.39	ng	87
10) Phenol	6.35	94	26561	5.37	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	22967	6.23	ng	90
12) 1,3-Dichlorobenzene	6.64	146	24464	6.17	ng	99
13) 1,4-Dichlorobenzene	6.72	146	25636	6.52	ng	98
14) 1,2-Dichlorobenzene	6.72	146	25636	6.96	ng	94
15) Benzyl Alcohol	6.84	79	22934	7.19	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	29208	5.47	ng	89
17) 2-Methylphenol	6.96	107	17075	5.81	ng	94
18) Hexachloroethane	7.21	117	8803	5.78	ng	# 78
19) n-Nitroso-di-n-propylamine	7.12	70	17620	6.06	ng	# 85
20) 3+4-Methylphenols	7.12	107	25420	7.21	ng	91
22) Acetophenone	7.11	105	32436	5.87	ng	# 91
24) Nitrobenzene	7.28	77	25669	5.86	ng	# 81
25) Isophorone	7.53	82	45775	5.69	ng	96
26) 2-Nitrophenol	7.60	139	10157	5.65	ng	# 81
27) 2,4-Dimethylphenol	7.66	122	19036	5.09	ng	94
28) bis(2-Chloroethoxy)methane	7.75	93	29307	5.60	ng	98
29) 2,4-Dichlorophenol	7.85	162	18853	6.24	ng	94
30) 1,2,4-Trichlorobenzene	7.93	180	20036	6.04	ng	99
31) Naphthalene	8.01	128	71961	6.41	ng	98
34) Hexachlorobutadiene	8.14	225	11388	6.41	ng	97
35) Caprolactam	8.41	113	5042	4.91	ng	# 78
36) 4-Chloro-3-methylphenol	8.55	107	21549	6.03	ng	97
37) 2-Methylnaphthalene	8.70	142	42631	5.90	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	20072	5.64	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	16374	9.38	ng	98
42) 2,4,6-Trichlorophenol	8.98	196	14085	6.01	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	12423	6.16	ng	# 81
45) 1,1'-Biphenyl	9.16	154	59135	6.68	ng	97
46) 2-Chloronaphthalene	9.19	162	42743	6.15	ng	95

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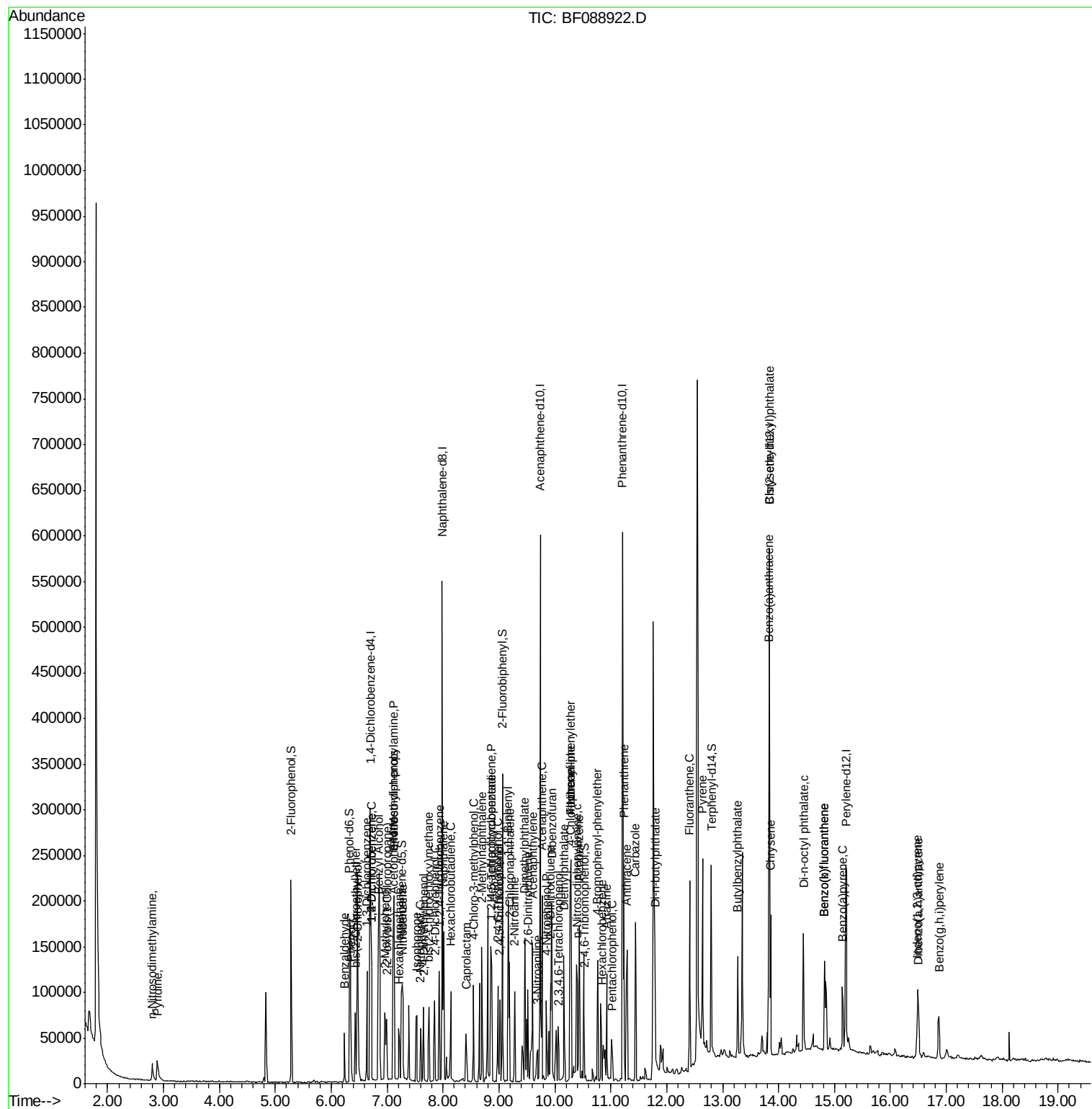
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.28	65	14411	5.84	nq	97
48) Acenaphthylene	9.60	152	70380	6.36	nq	97
49) Dimethylphthalate	9.46	163	53431	7.02	nq	99
50) 2,6-Dinitrotoluene	9.52	165	10110	5.99	nq	# 31
51) Acenaphthene	9.77	154	43881	6.47	nq	98
52) 3-Nitroaniline	9.69	138	7573	3.53	nq	82
54) Dibenzofuran	9.94	168	65502	7.38	nq	94
55) 4-Nitrophenol	9.85	139	13593	8.34	nq	# 74
56) 2,4-Dinitrotoluene	9.92	165	13635	6.18	nq	# 31
57) Fluorene	10.28	166	48056	7.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	7790	4.99	nq	# 47
59) Diethylphthalate	10.16	149	50892	6.66	nq	95
60) 4-Chlorophenyl-phenylether	10.27	204	21803	6.86	nq	# 84
61) 4-Nitroaniline	10.28	138	8373	4.05	nq	75
62) Azobenzene	10.43	77	56982	6.54	nq	92
65) n-Nitrosodiphenylamine	10.40	169	41564	6.26	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	13977	7.07	nq	# 87
67) Hexachlorobenzene	10.83	284	13453	6.15	nq	# 74
68) Atrazine	10.92	200	11362	5.49	nq	90
69) Pentachlorophenol	11.03	266	5814	4.49	nq	98
70) Phenanthrene	11.23	178	77653	7.24	nq	98
71) Anthracene	11.29	178	74953	7.03	nq	97
72) Carbazole	11.44	167	62851	6.26	nq	99
73) Di-n-butylphthalate	11.79	149	88740	7.60	nq	97
74) Fluoranthene	12.41	202	69859	6.43	nq	94
77) Pyrene	12.64	202	70691	5.70	nq	99
79) Butylbenzylphthalate	13.27	149	30475	5.51	nq	# 58
80) Benzo(a)anthracene	13.83	228	54434	5.78	nq	99
82) Chrysene	13.86	228	52278	5.61	nq	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	53806	8.52	nq	# 99
84) Di-n-octyl phthalate	14.45	149	57499	5.36	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.48	276	40670	5.67	nq	# 100
87) Benzo(b)fluoranthene	14.82	252	77452	11.92	nq	# 94
88) Benzo(k)fluoranthene	14.82	252	77452	13.69	nq	98
89) Benzo(a)pyrene	15.14	252	36601	6.65	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	33650	7.32	nq	96
91) Benzo(g,h,i)perylene	16.87	276	34215	7.20	nq	95

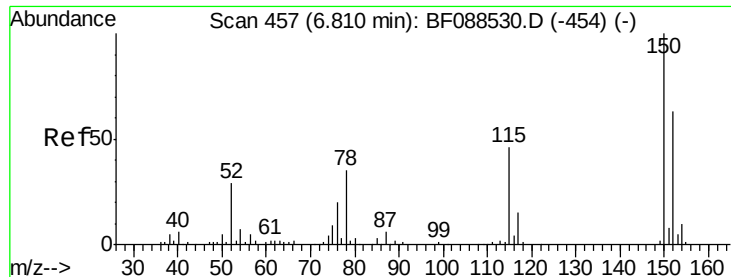
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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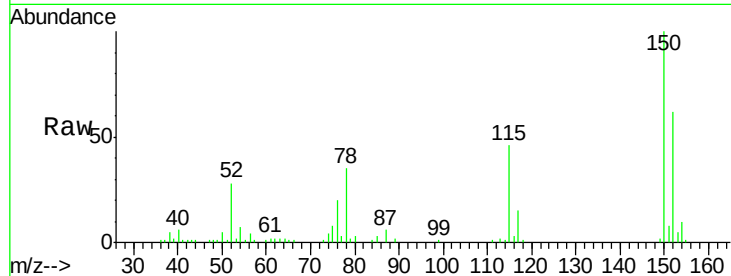


#1

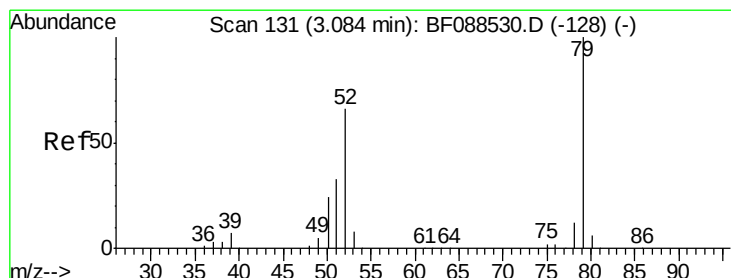
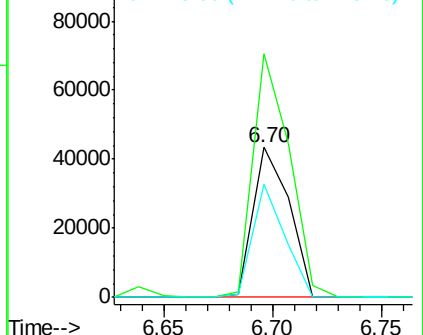
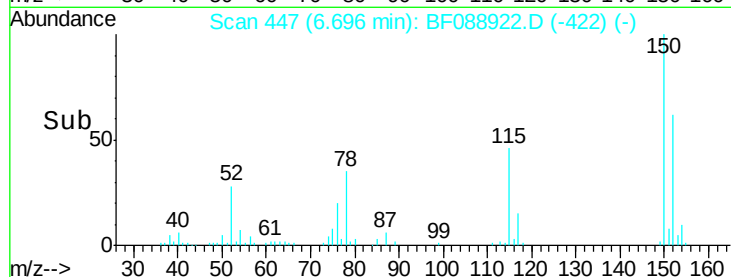
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 50235
Ion Ratio Lower Upper
152 100
150 162.5 123.8 185.6
115 75.1 39.6 59.4#



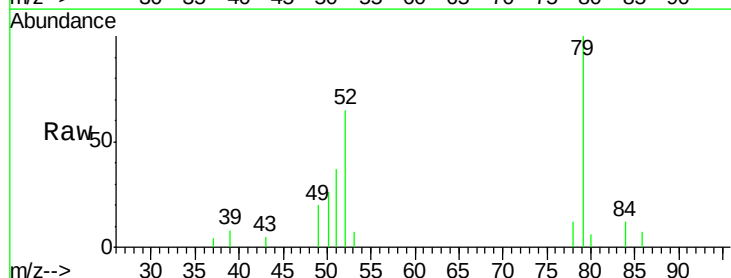
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



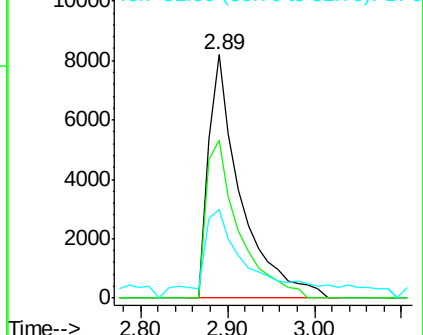
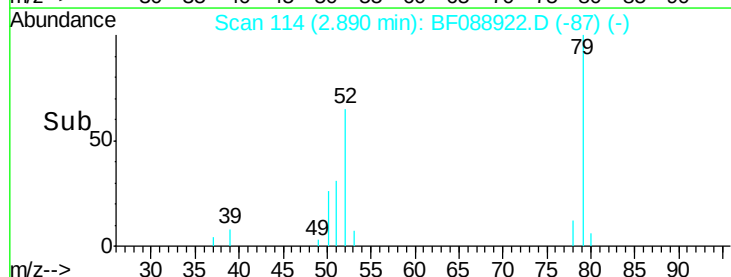
#3

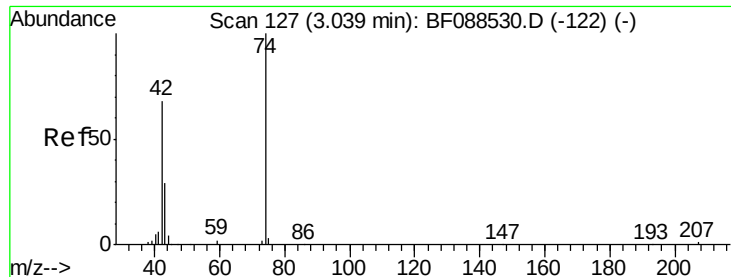
Pyridine
Concen: 4.37 ng
RT: 2.89 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 79 Resp: 21088
Ion Ratio Lower Upper
79 100
52 64.9 56.3 84.5
51 36.7 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: 5.21 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.03 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

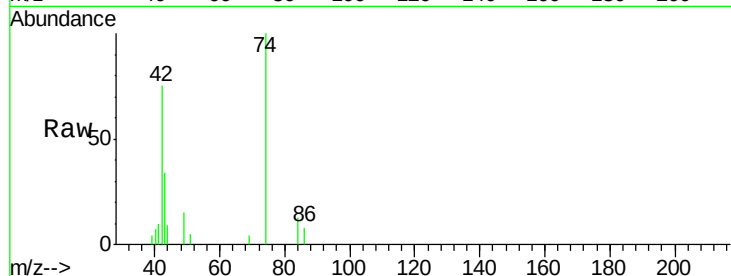
Tot Ion: 42 Resp: 9590

Ion Ratio Lower Upper

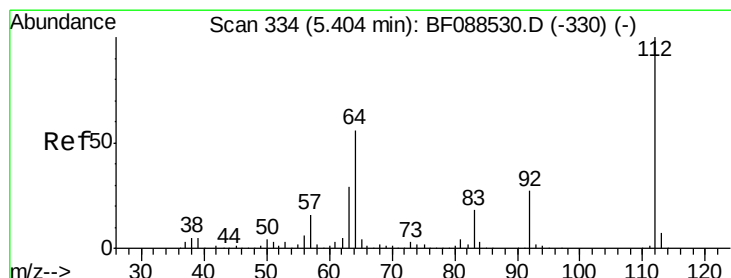
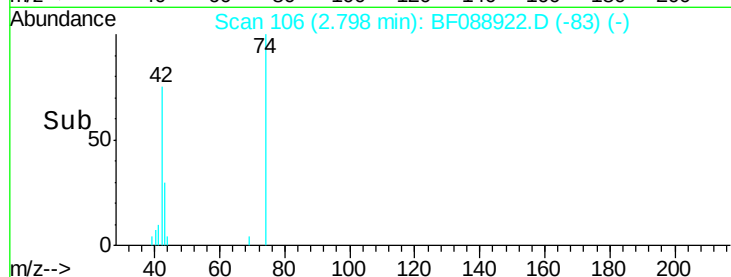
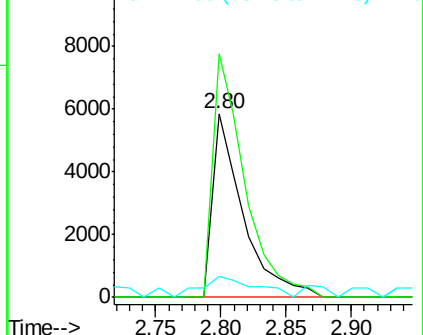
42 100

74 132.5 108.6 163.0

44 11.6 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: 18.48 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

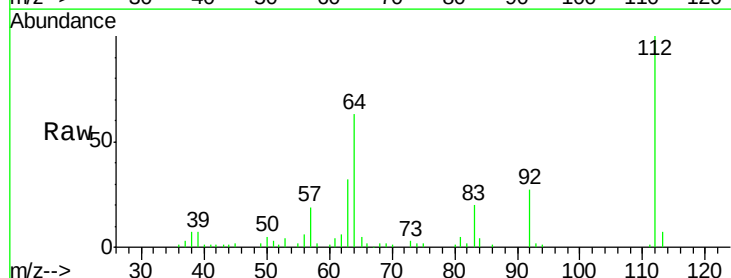
Tgt Ion: 112 Resp: 61927

Ion Ratio Lower Upper

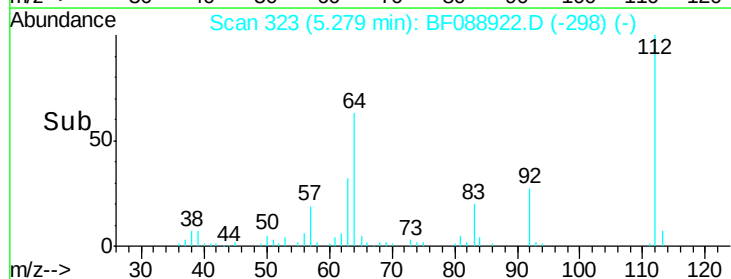
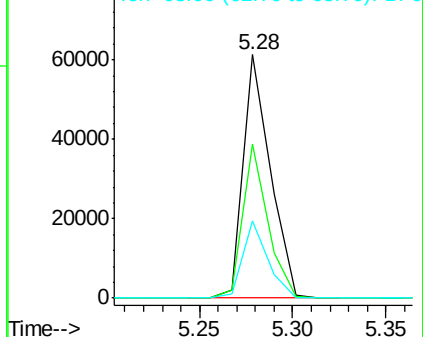
112 100

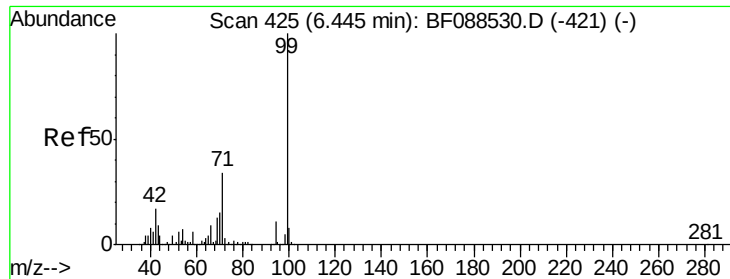
64 63.4 42.2 63.2#

63 31.6 21.8 32.8



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





#7

Phenol-d6

Concen: 17.62 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

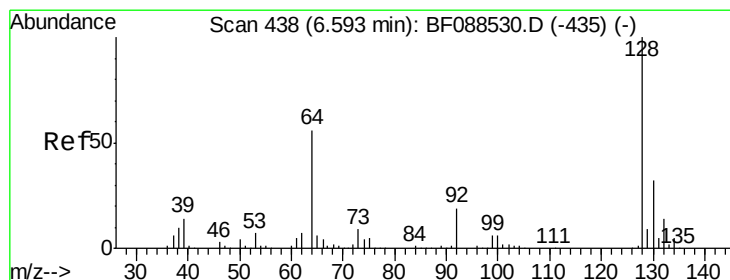
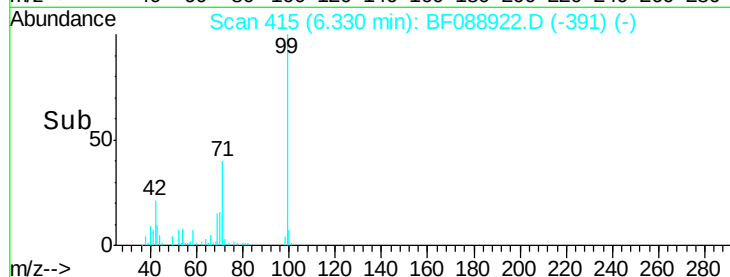
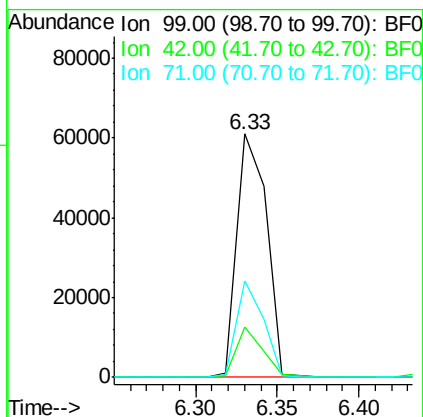
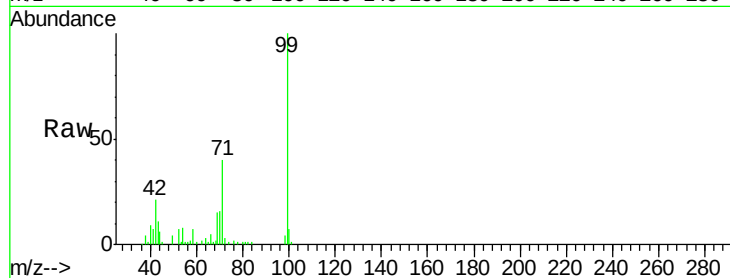
Tot Ion: 99 Resp: 76314

Ion Ratio Lower Upper

99 100

42 20.8 12.2 18.2#

71 39.5 23.4 35.0#



#8

2-Chlorophenol

Concen: 6.40 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

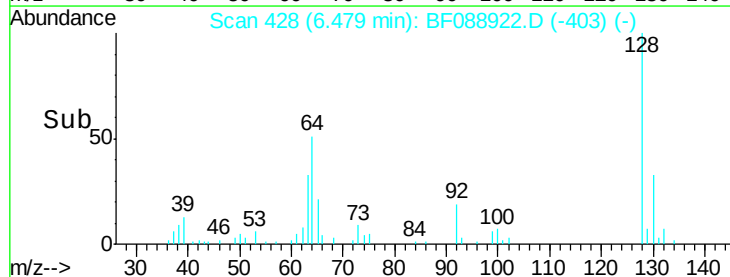
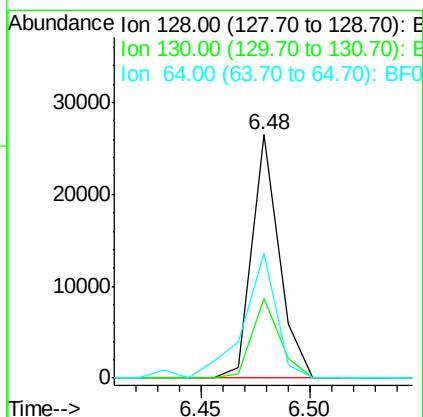
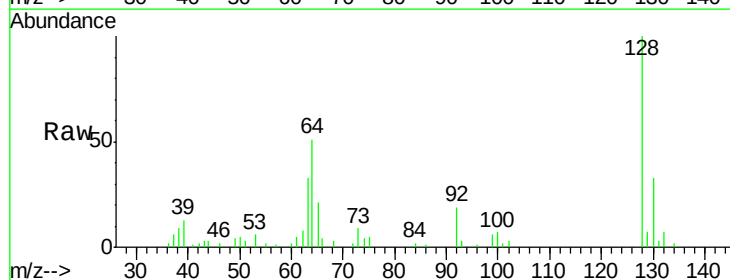
Tgt Ion: 128 Resp: 23060

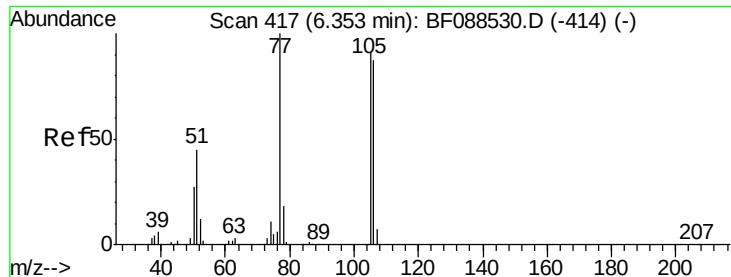
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 51.1 30.8 70.8





#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampled :

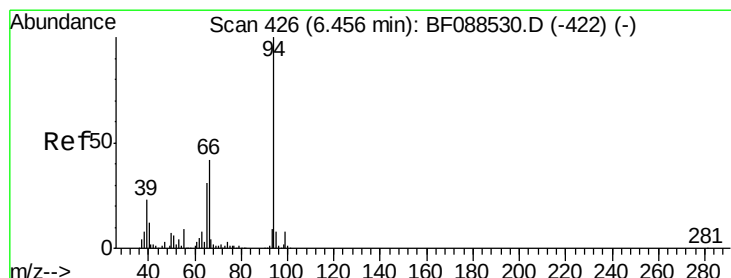
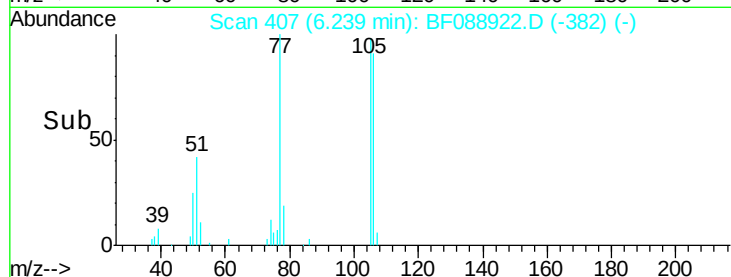
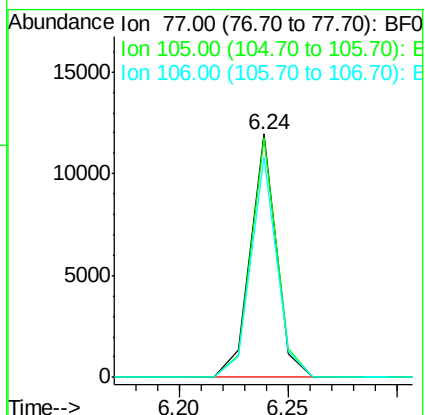
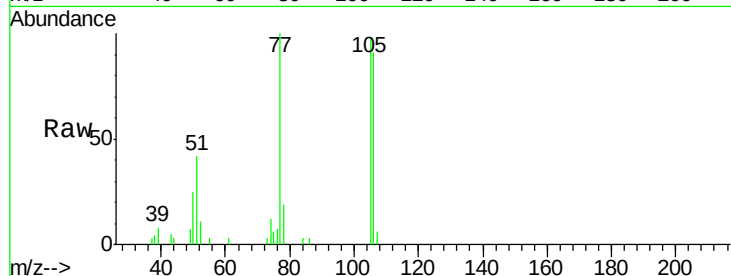
Tot Ion: 77 Resp: 9941

Ion Ratio Lower Upper

77 100

105 98.4 90.6 130.6

106 90.7 85.3 125.3



#10

Phenol

Concen: 5.37 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

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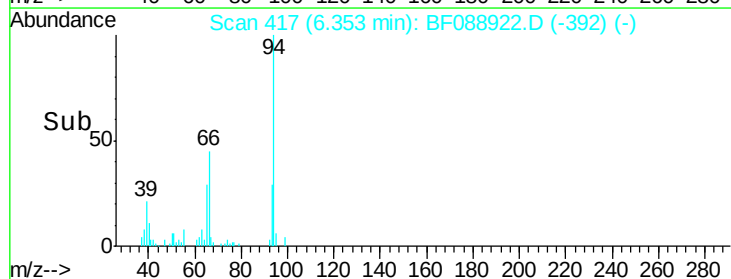
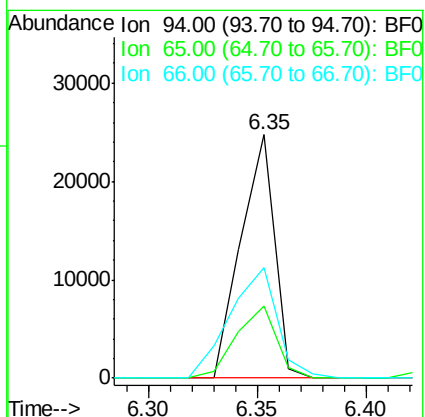
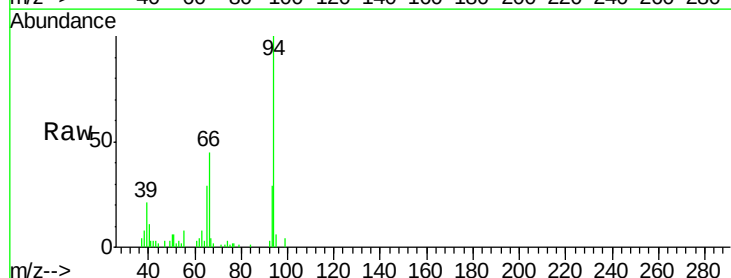
Tgt Ion: 94 Resp: 26561

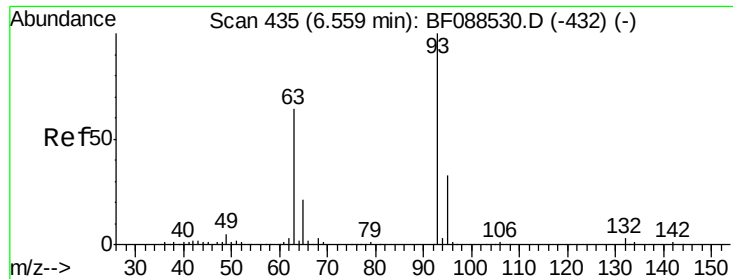
Ion Ratio Lower Upper

94 100

65 29.5 5.9 45.9

66 45.3 14.0 54.0

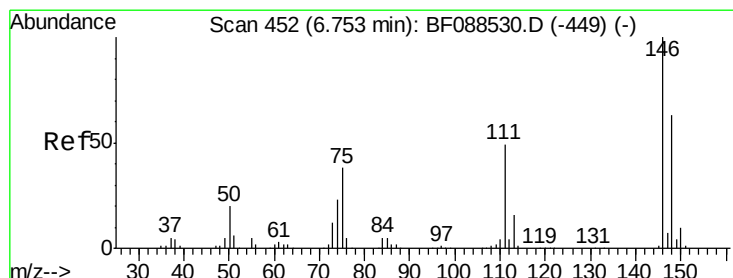
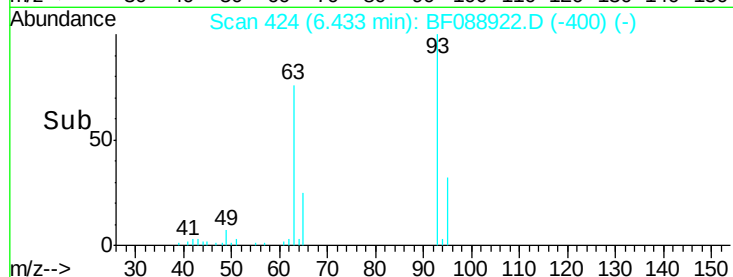
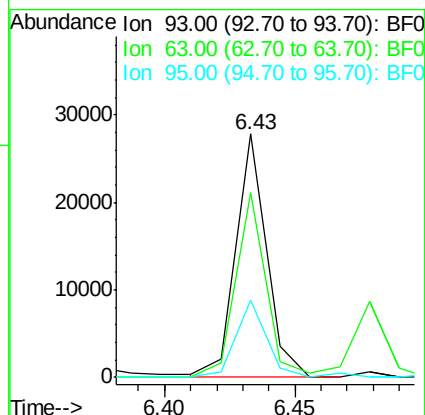
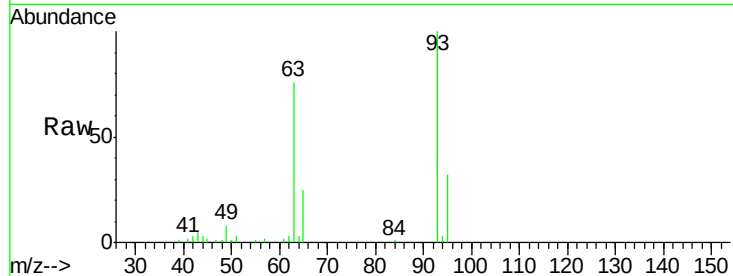




#11
bis(2-Chloroethyl)ether
Concen: 6.23 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
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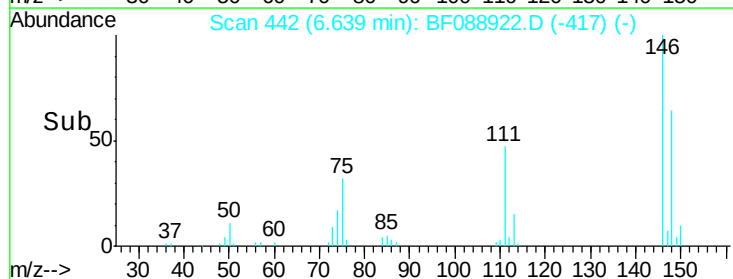
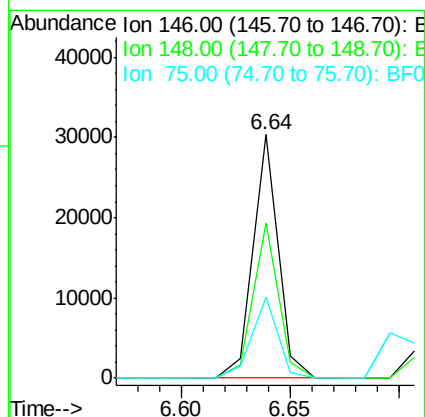
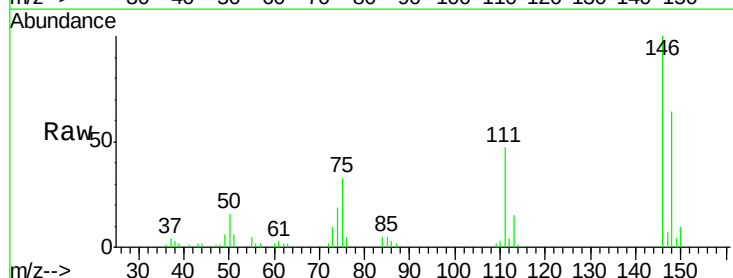
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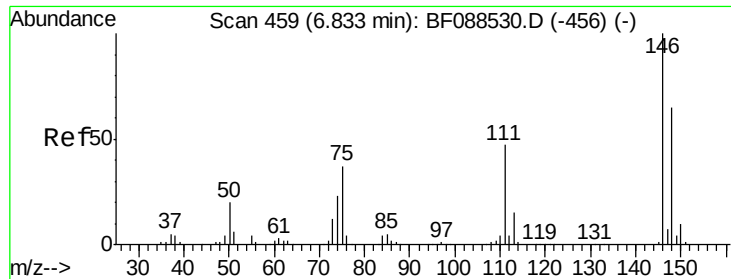
Tot Ion: 93 Resp: 22967
Ion Ratio Lower Upper
93 100
63 75.7 67.6 107.6
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 6.17 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF088922.D
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Tgt Ion: 146 Resp: 24464
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 33.3 25.6 38.4

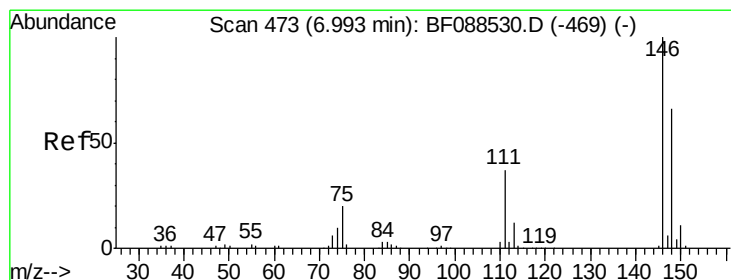
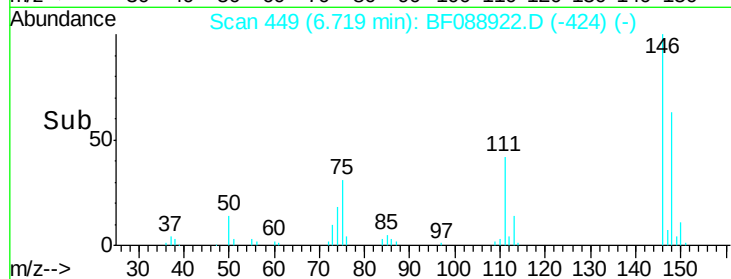
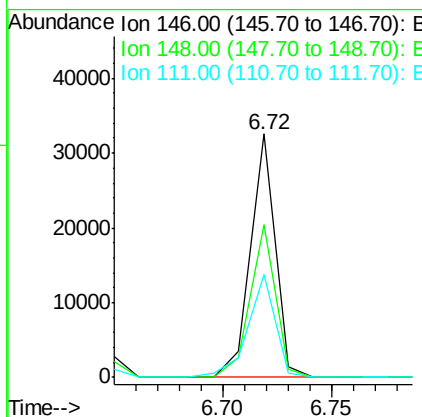
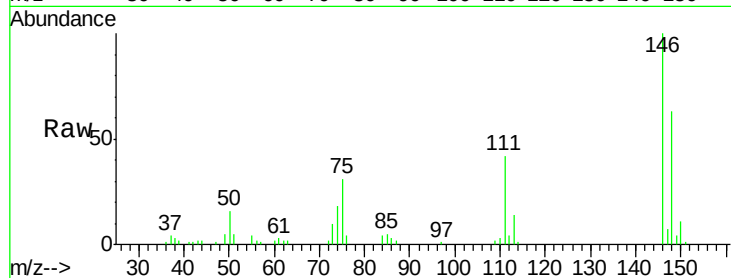




#13
 1,4-Dichlorobenzene
 Concen: 6.52 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

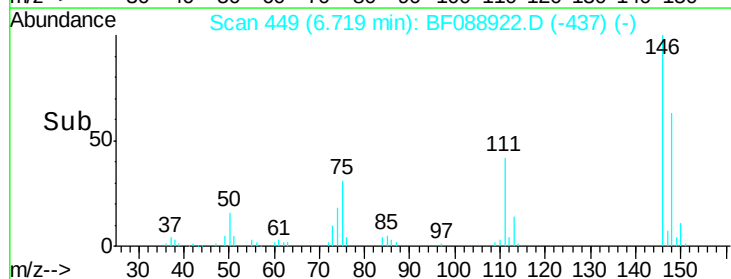
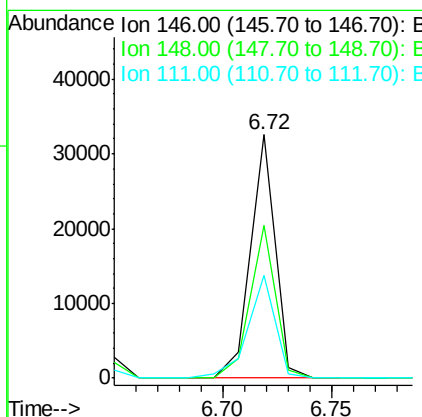
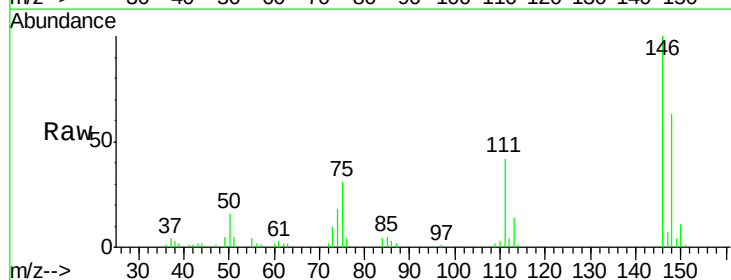
Instrument :
 BNA_F
 ClientSampleId :

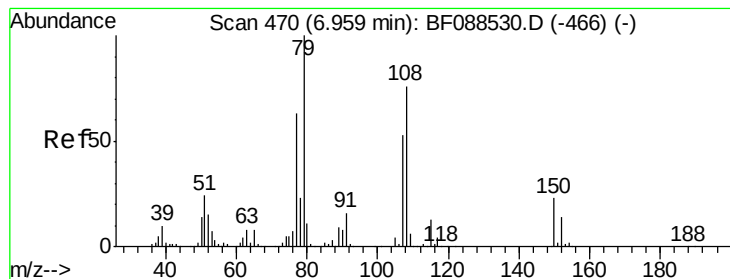
Tot Ion:146 Resp: 25636
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.0 78.0
 111 42.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 6.96 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.16 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:146 Resp: 25636
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 42.1 28.7 43.1





#15

Benzyl Alcohol

Concen: 7.19 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

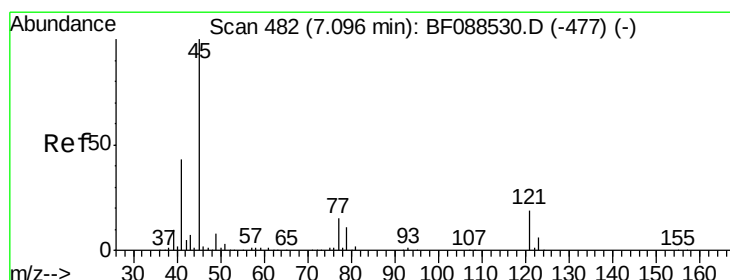
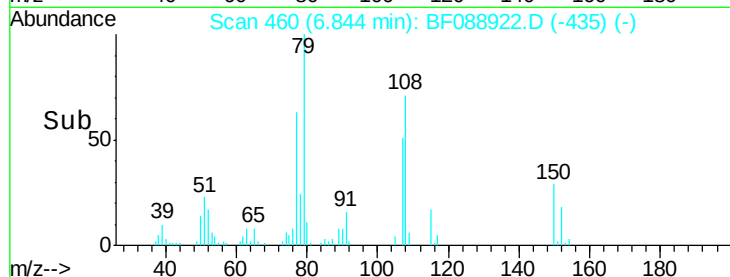
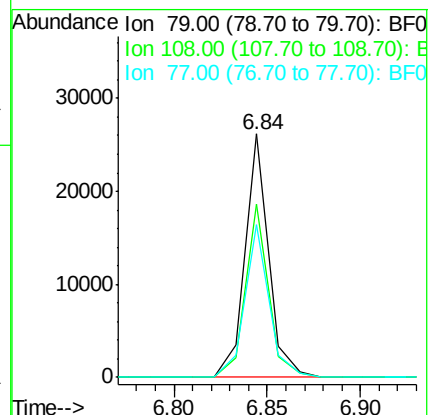
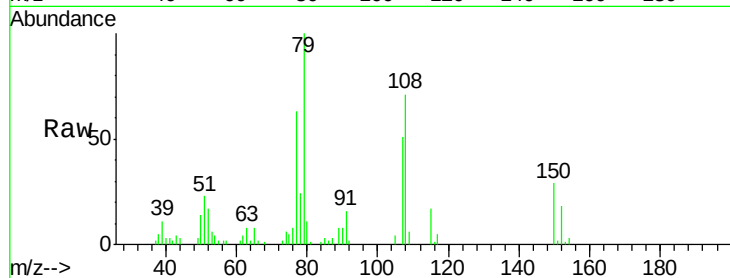
Tot Ion: 79 Resp: 22934

Ion Ratio Lower Upper

79 100

108 71.2 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.47 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

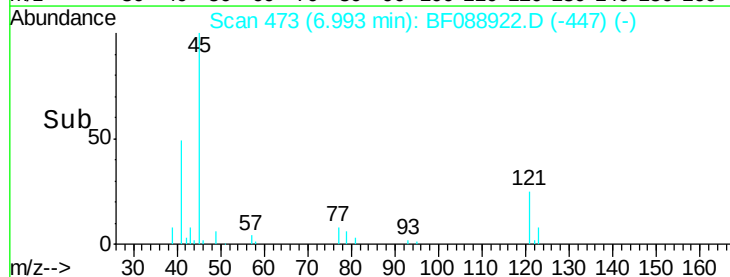
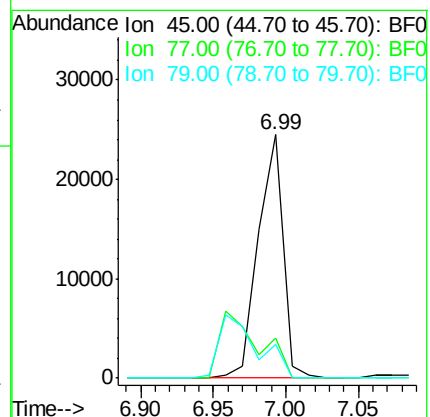
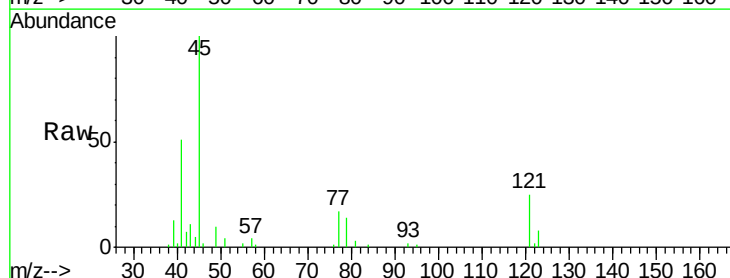
Tgt Ion: 45 Resp: 29208

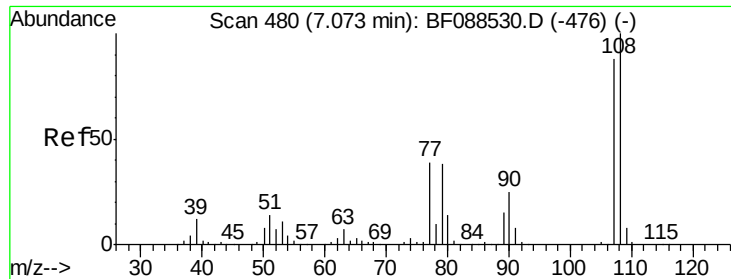
Ion Ratio Lower Upper

45 100

77 16.6 0.0 32.5

79 13.6 0.0 29.5





#17

2-Methylphenol

Concen: 5.81 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 17075

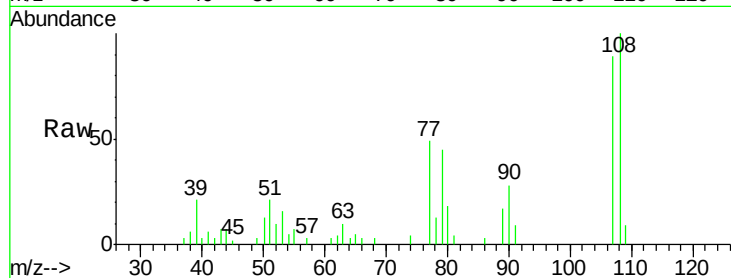
Ion Ratio Lower Upper

107 100

108 112.2 90.9 136.3

77 54.9 36.6 55.0

79 50.9 36.5 54.7

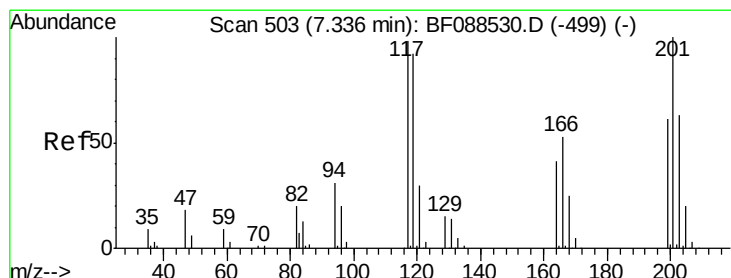
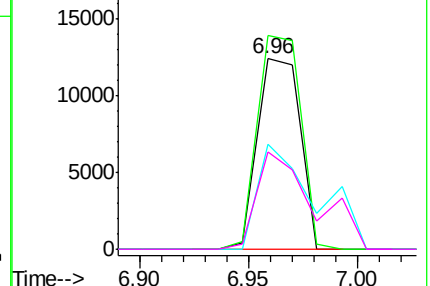
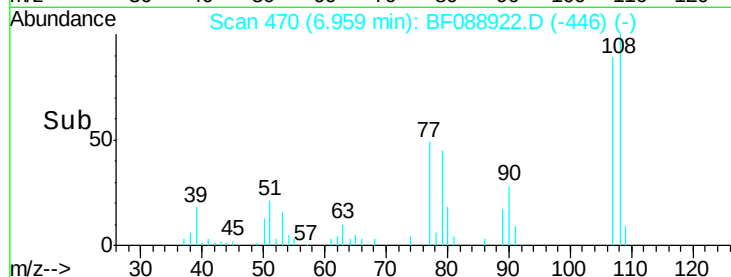


Abundance Ion 107.00 (106.70 to 107.70): E

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: 5.78 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

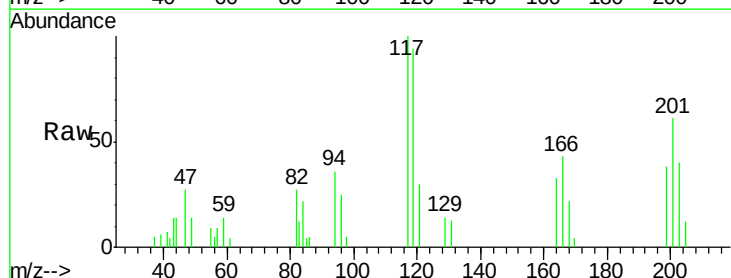
Tgt Ion:117 Resp: 8803

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.2

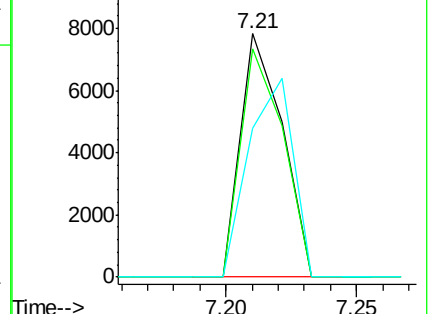
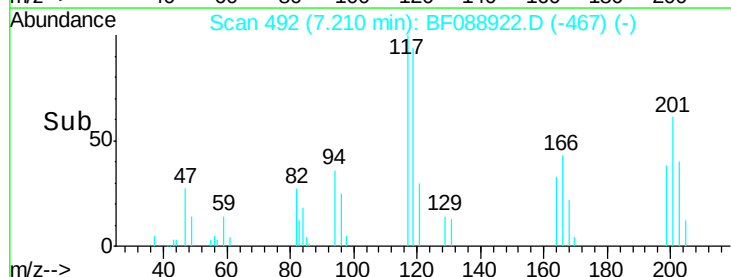
201 61.1 80.4 120.6#

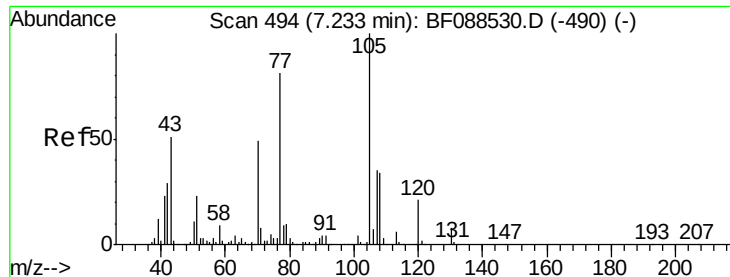


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

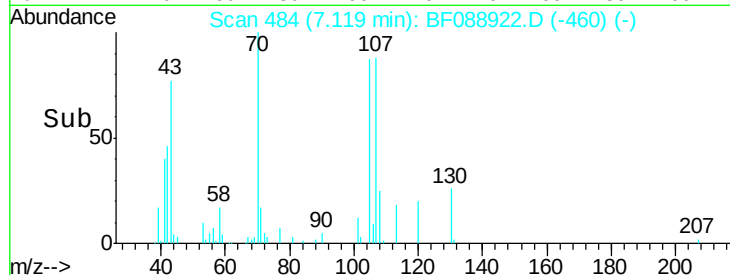
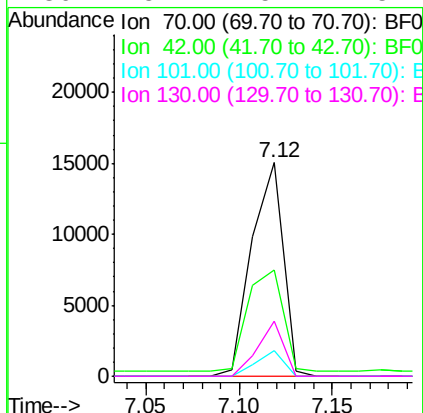
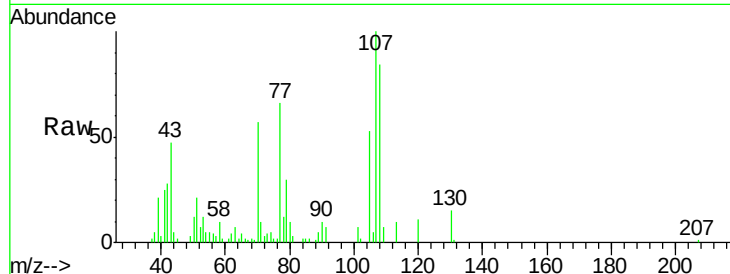




#19
n-Nitroso-di-n-propylamine
Concen: 6.06 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

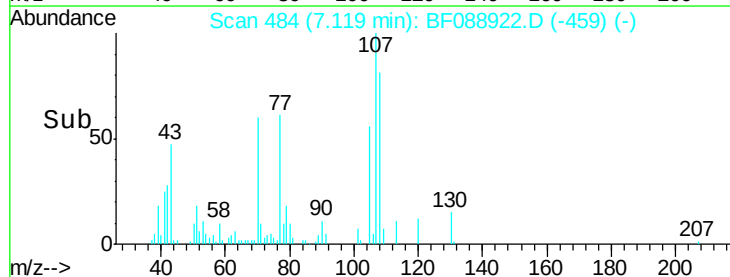
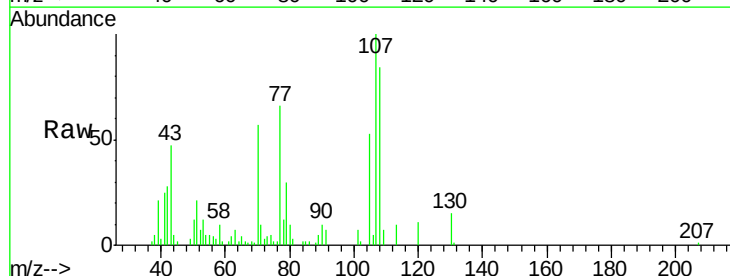
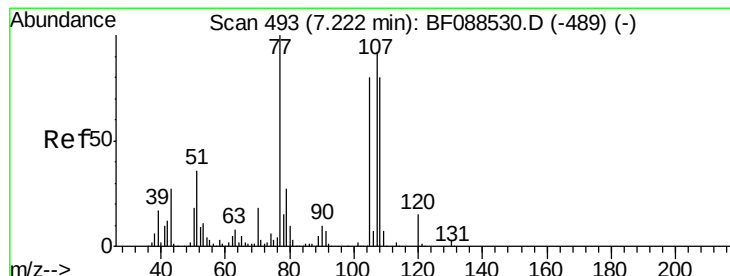
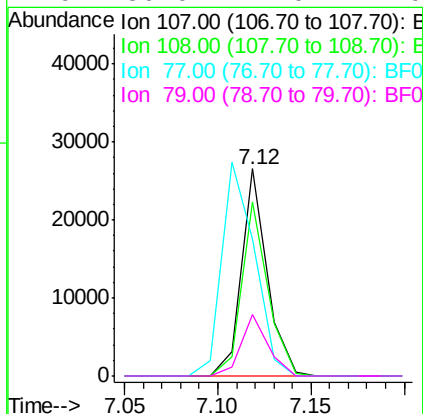
Instrument :
BNA_F
ClientSampleId :

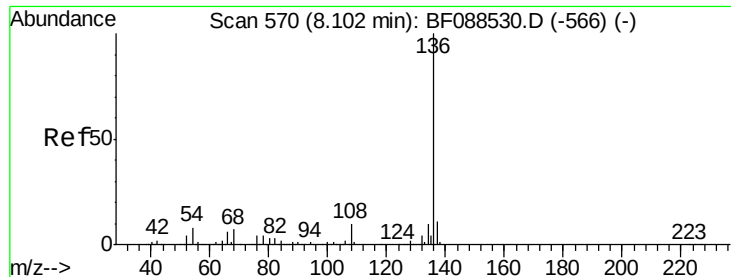
Tot Ion: 70 Resp: 17620
Ion Ratio Lower Upper
70 100
42 49.9 49.6 74.4
101 11.8 7.1 10.7#
130 25.7 15.4 23.2#



#20
3+4-Methylphenols
Concen: 7.21 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:107 Resp: 25420
Ion Ratio Lower Upper
107 100
108 84.2 67.8 107.8
77 65.9 59.3 99.3
79 30.0 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 227661

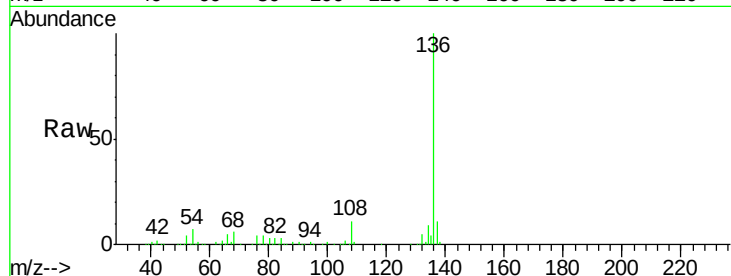
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.3 6.6 10.0

68 5.6 5.1 7.7

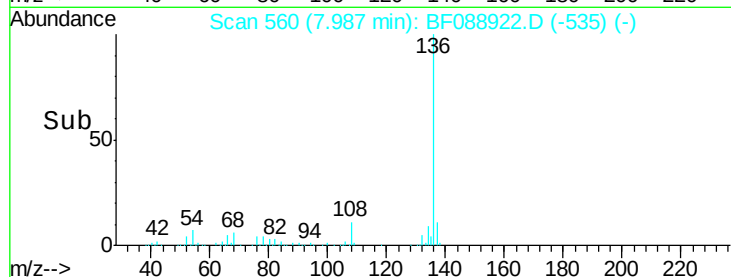


Abundance Ion 136.00 (135.70 to 136.70): E

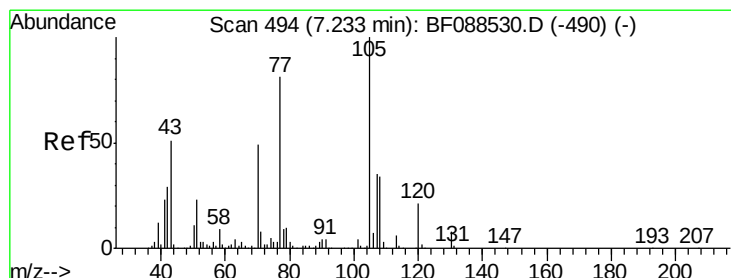
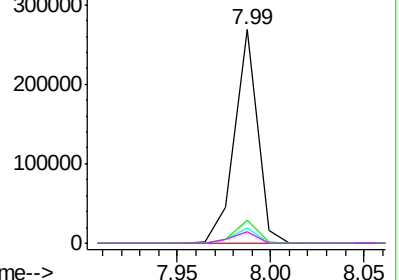
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 5.87 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Tgt Ion:105 Resp: 32436

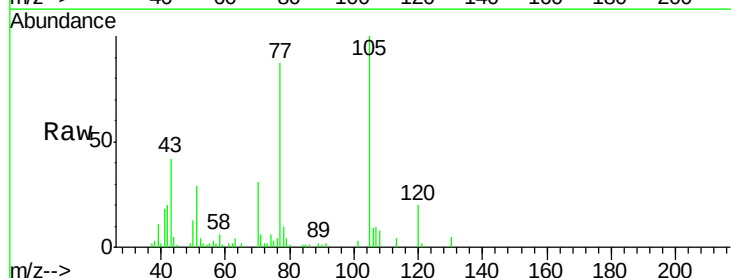
Ion Ratio Lower Upper

105 100

71 6.0 5.3 7.9

51 29.5 18.2 27.4#

120 19.5 18.0 27.0

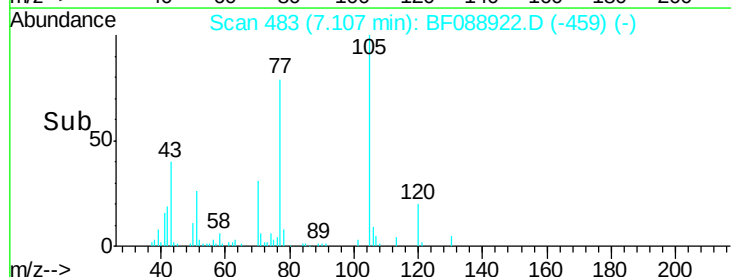


Abundance Ion 105.00 (104.70 to 105.70): E

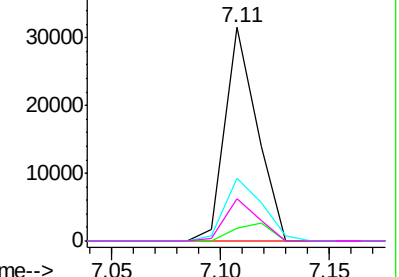
Ion 71.00 (70.70 to 71.70): BF0

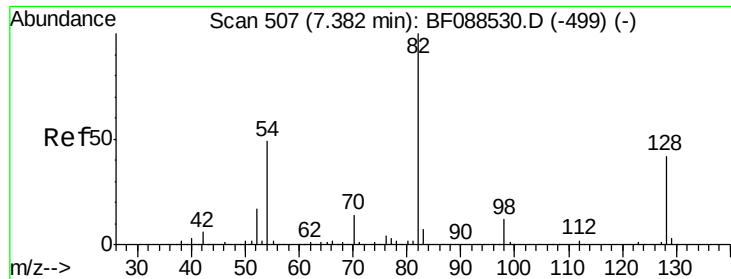
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

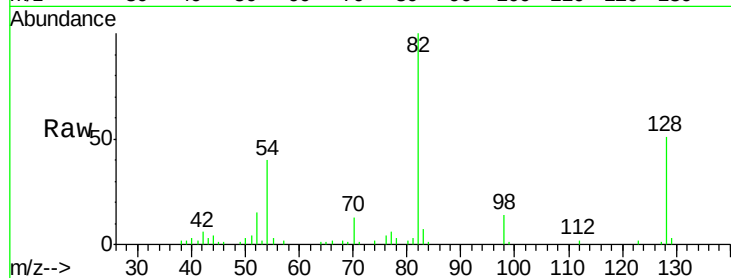




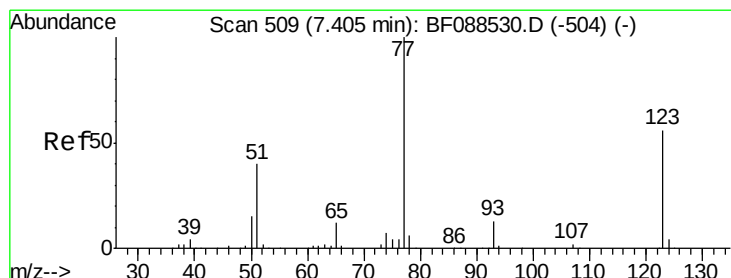
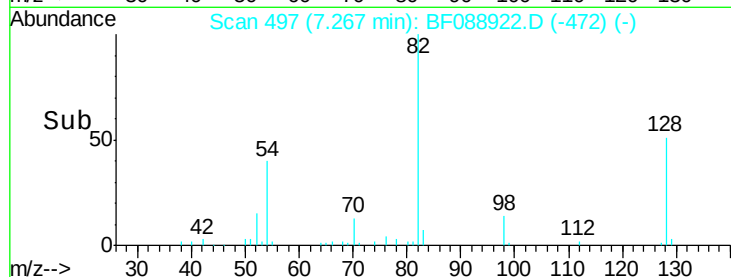
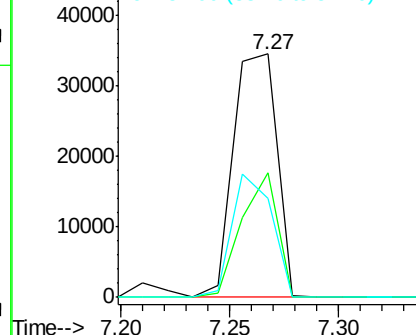
#23
 Nitrobenzene-d5
 Concen: 11.03 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 47927
 Ion Ratio Lower Upper
 82 100
 128 51.0 35.9 53.9
 54 40.4 40.9 61.3#

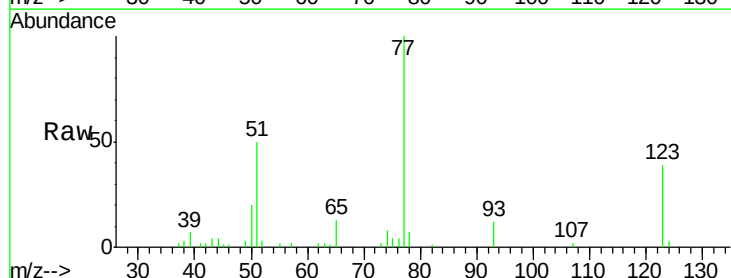


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

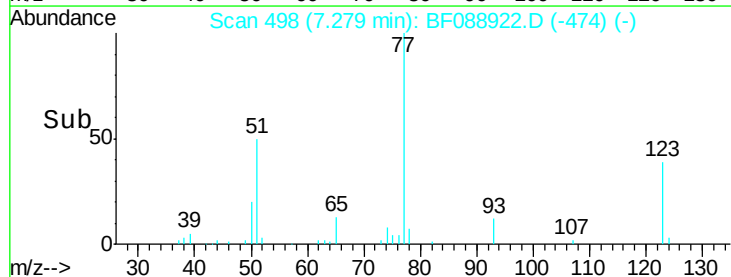
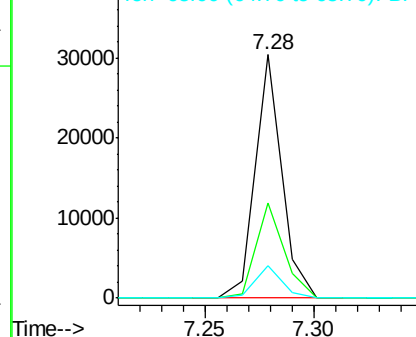


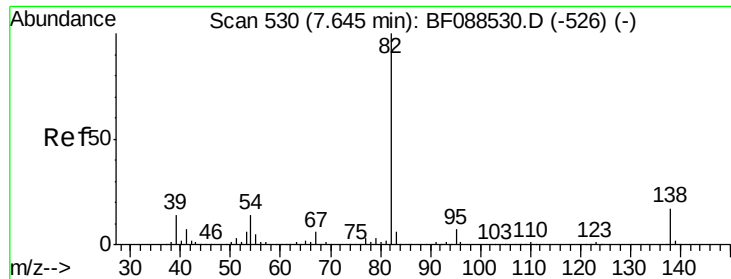
#24
 Nitrobenzene
 Concen: 5.86 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion: 77 Resp: 25669
 Ion Ratio Lower Upper
 77 100
 123 39.2 45.0 67.4#
 65 13.5 10.2 15.2



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





#25

Isophorone

Concen: 5.69 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

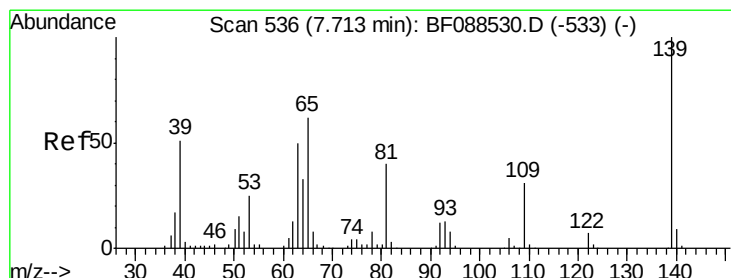
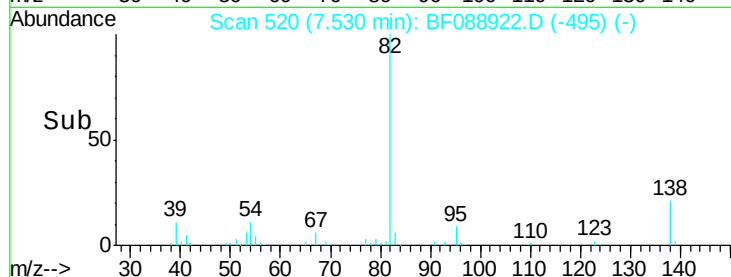
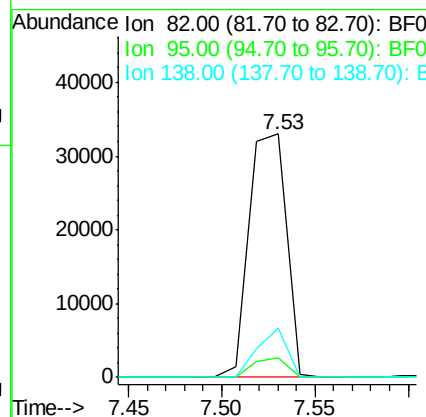
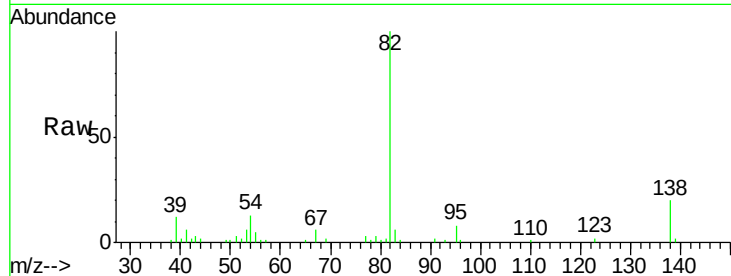
Tot Ion: 82 Resp: 45775

Ion Ratio Lower Upper

82 100

95 8.2 5.4 8.2

138 20.3 14.6 21.8



#26

2-Nitrophenol

Concen: 5.65 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

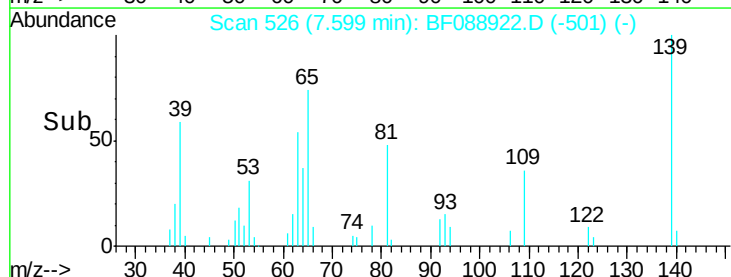
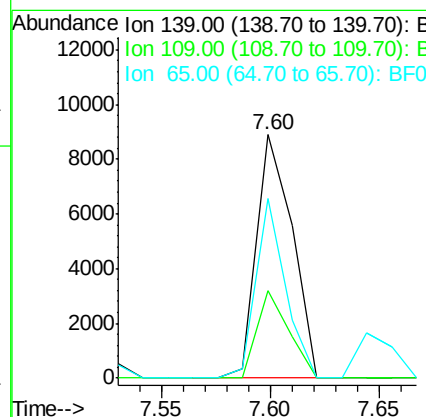
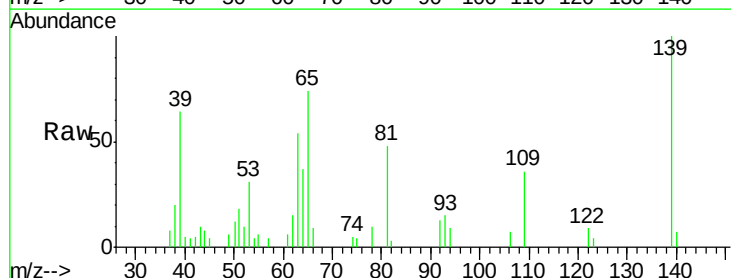
Tgt Ion: 139 Resp: 10157

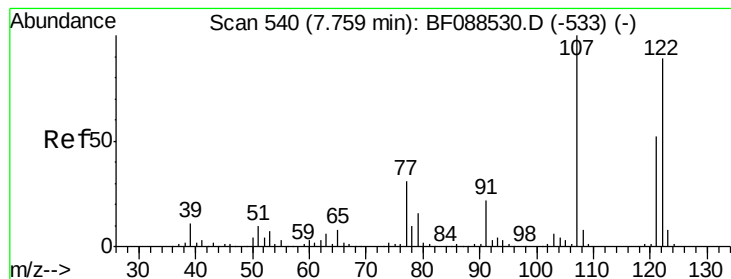
Ion Ratio Lower Upper

139 100

109 35.7 23.0 34.4#

65 73.7 45.8 68.8#

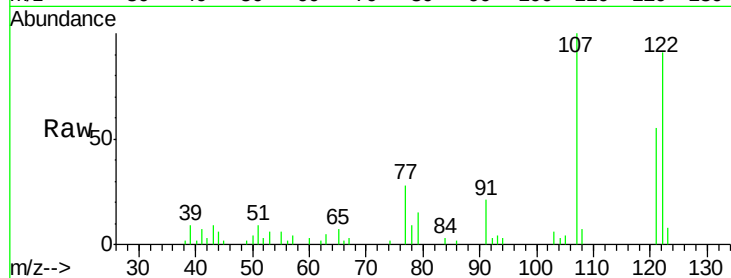




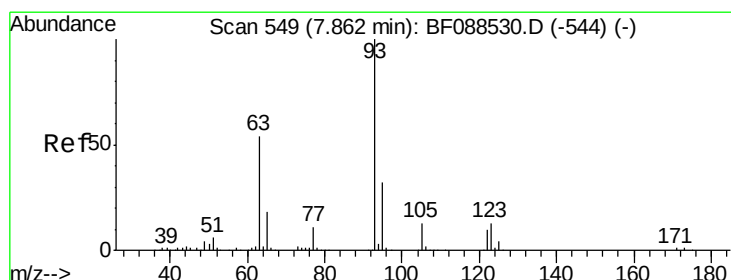
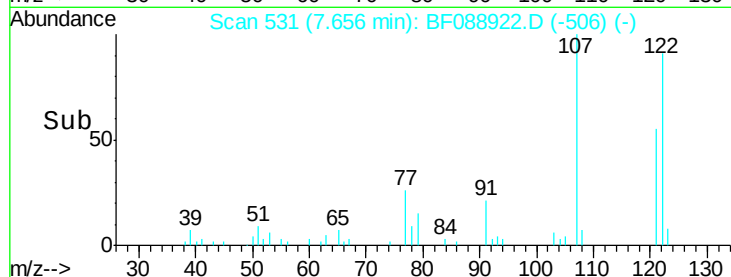
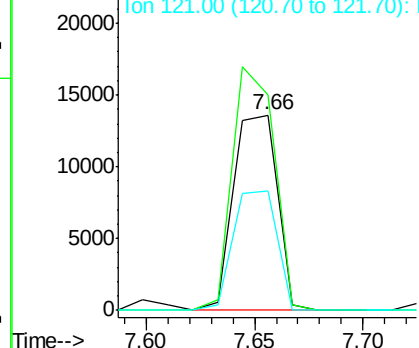
#27
2,4-Dimethylphenol
Concen: 5.09 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 19036
Ion Ratio Lower Upper
122 100
107 110.2 82.4 123.6
121 60.8 46.3 69.5

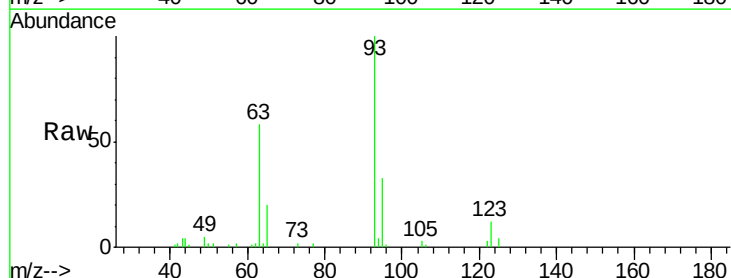


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

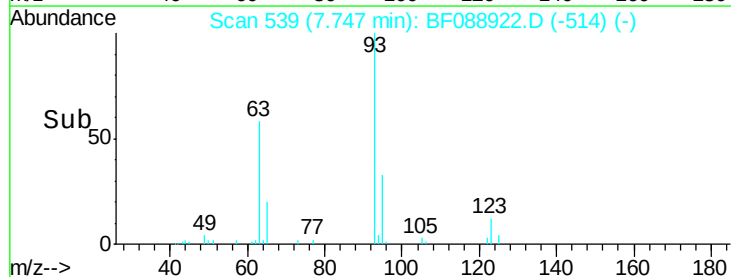
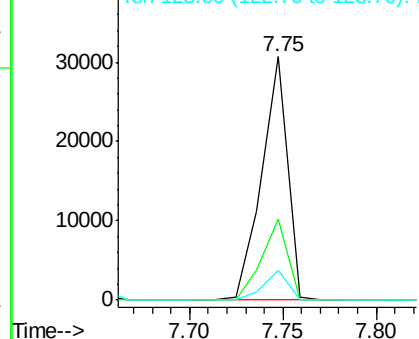


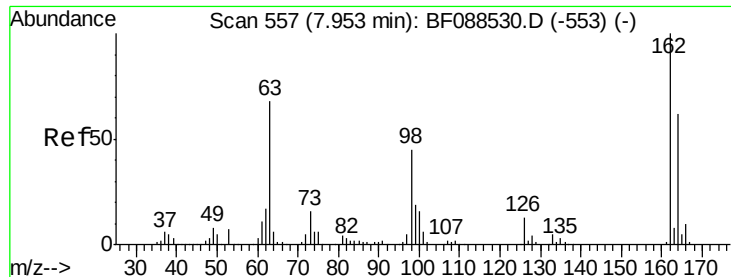
#28
bis(2-Chloroethoxy)methane
Concen: 5.60 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 93 Resp: 29307
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.3 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

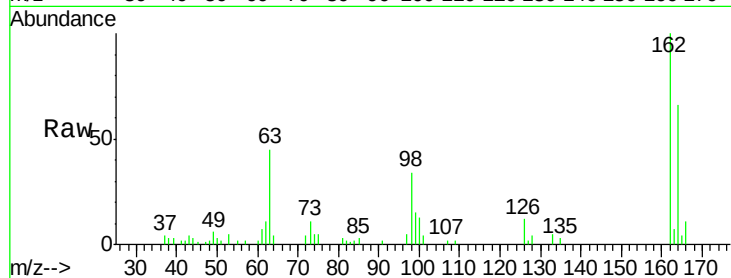




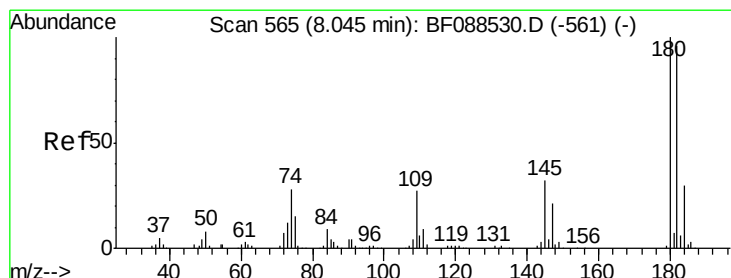
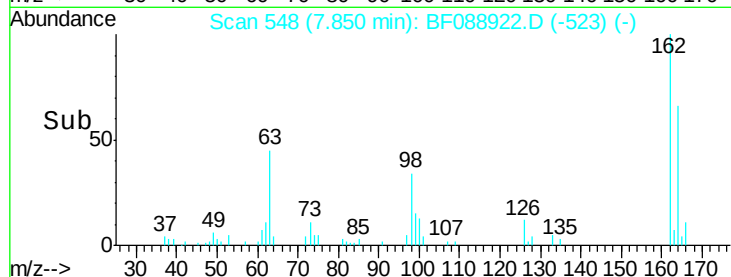
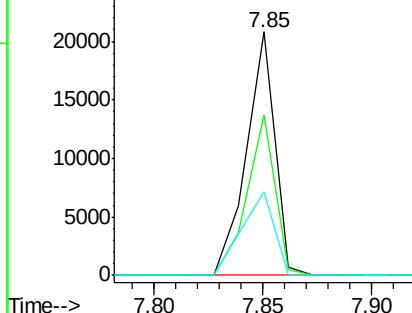
#29
2,4-Dichlorophenol
Concen: 6.24 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.8	83.8
98	34.2	21.3	61.3

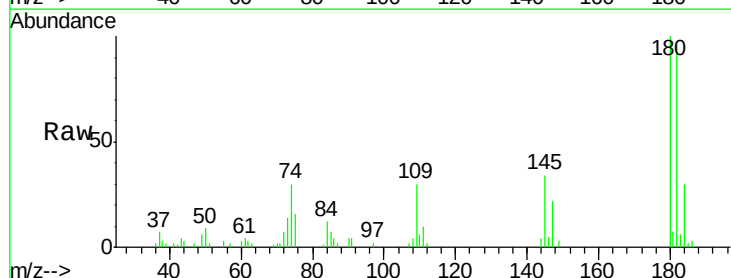


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

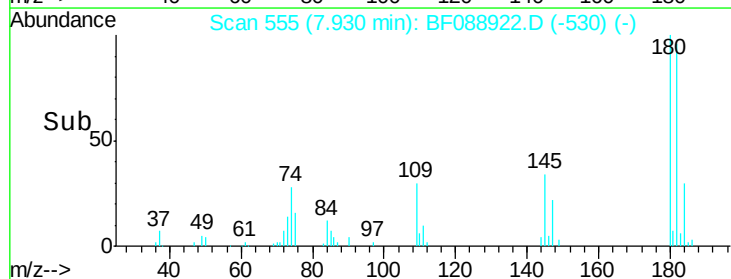
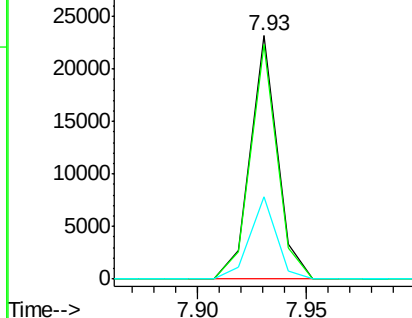


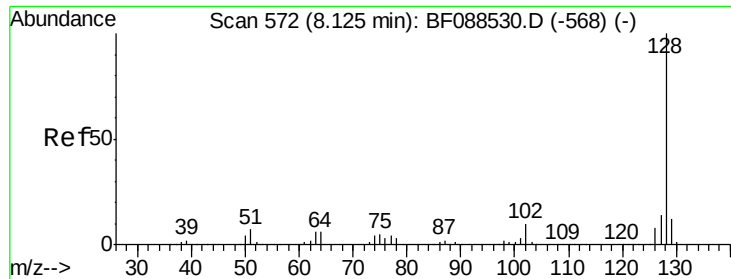
#30
1,2,4-Trichlorobenzene
Concen: 6.04 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	33.9	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

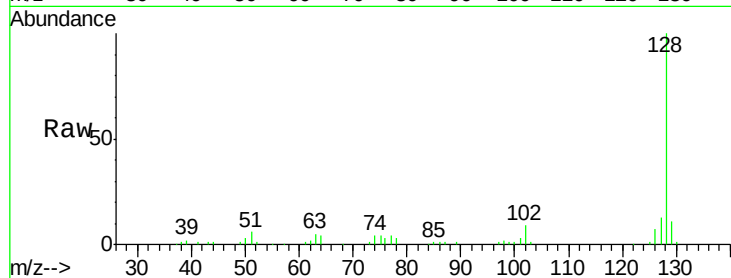




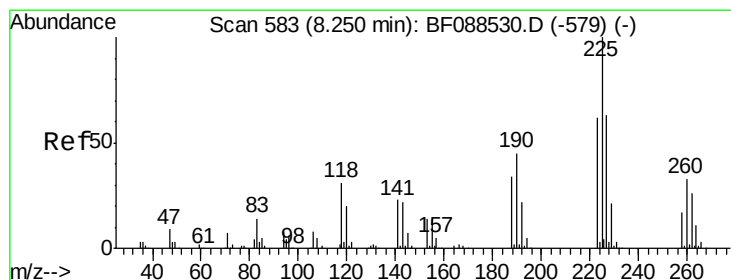
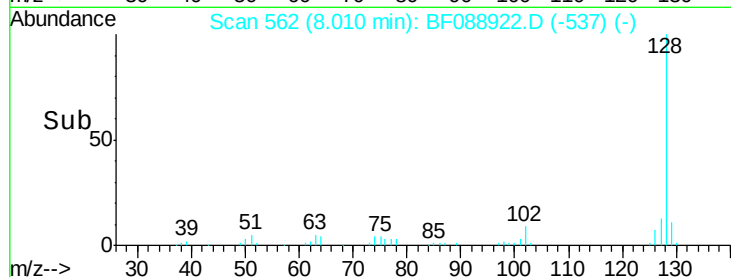
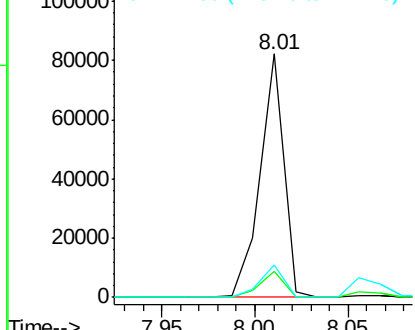
#31
Naphthalene
Concen: 6.41 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 71961
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.3 10.9 16.3

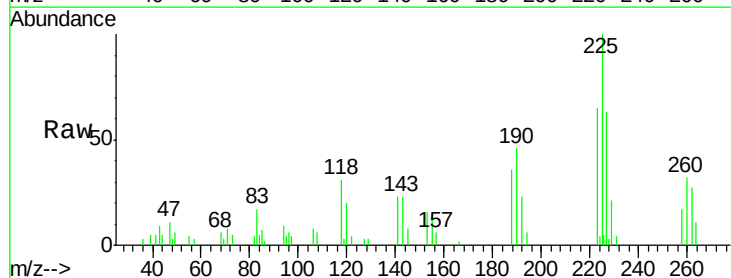


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

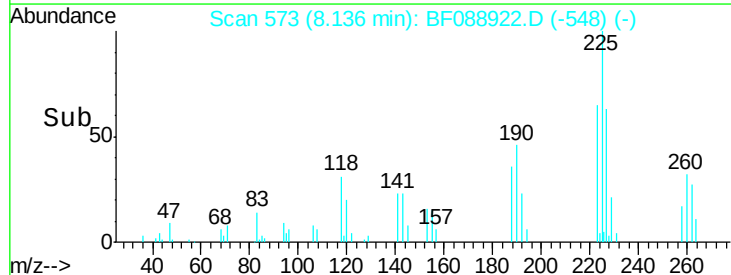
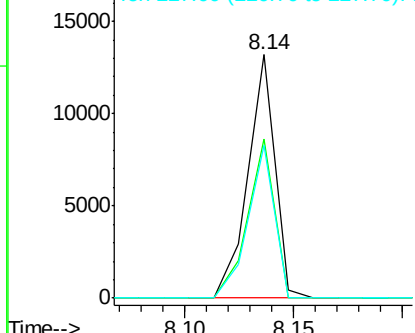


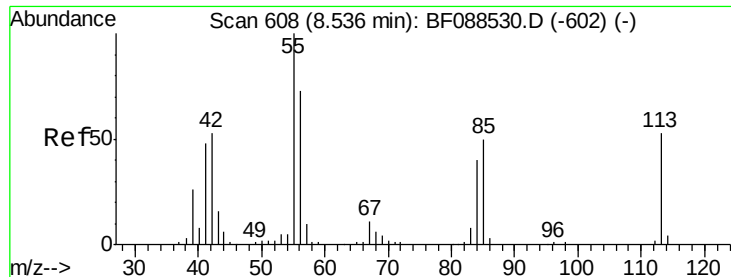
#34
Hexachlorobutadiene
Concen: 6.41 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:225 Resp: 11388
Ion Ratio Lower Upper
225 100
223 65.4 50.9 76.3
227 62.6 51.9 77.9



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

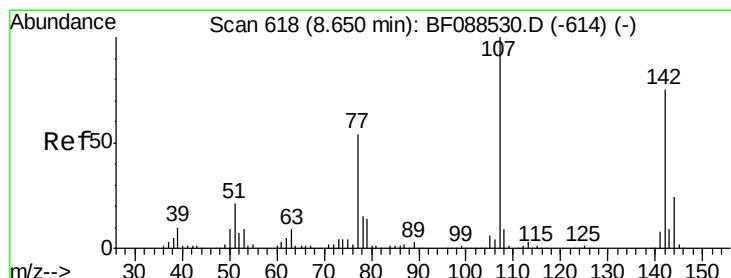
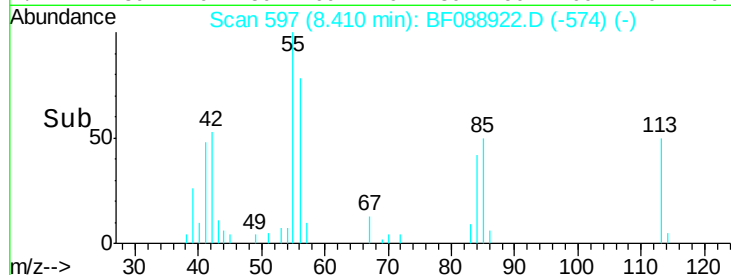
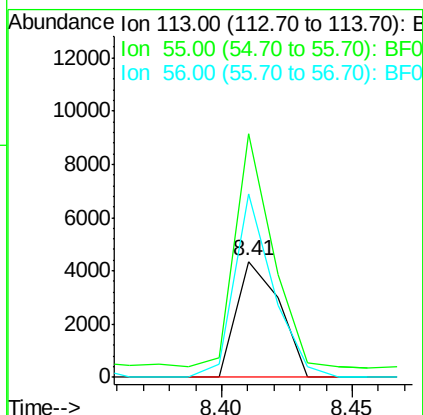
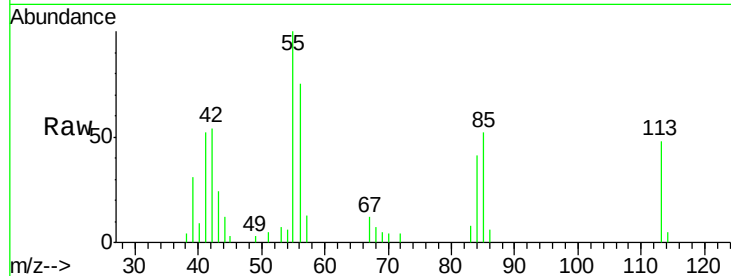




#35
 Caprolactam
 Concen: 4.91 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

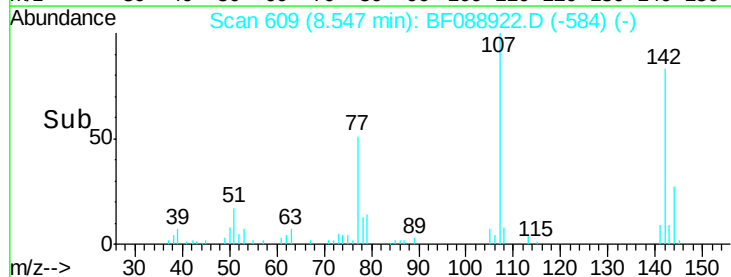
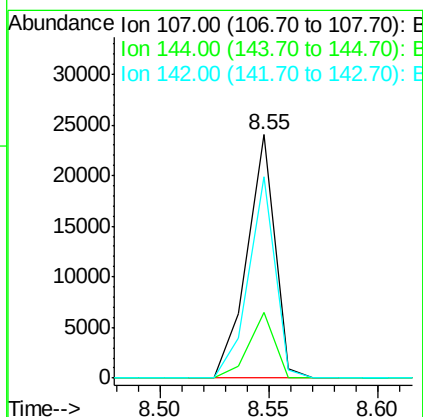
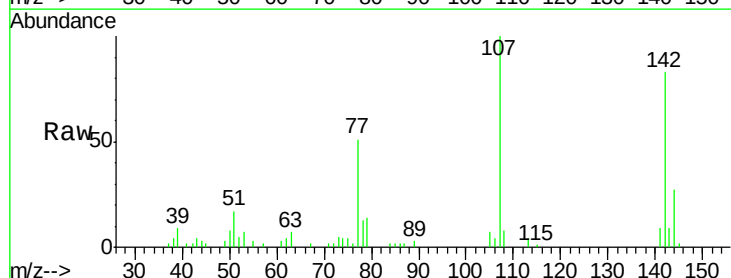
Instrument :
 BNA_F
 ClientSampleId :

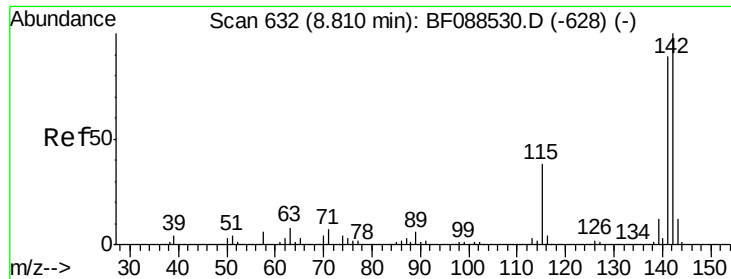
Tot Ion:113 Resp: 5042
 Ion Ratio Lower Upper
 113 100
 55 209.5 158.6 198.6#
 56 157.8 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 6.03 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:107 Resp: 21549
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.8 31.2
 142 82.9 63.4 95.2

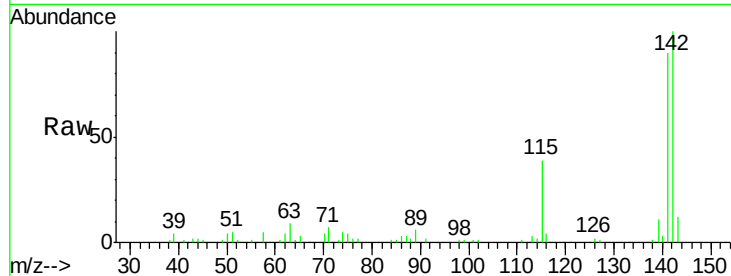




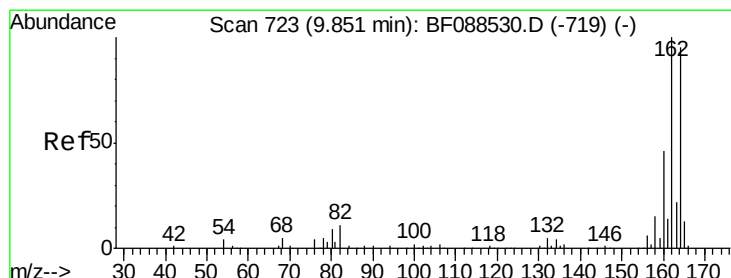
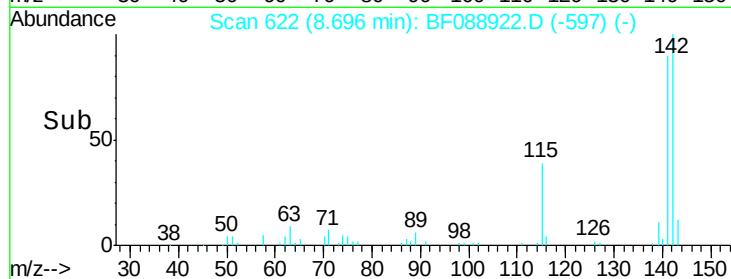
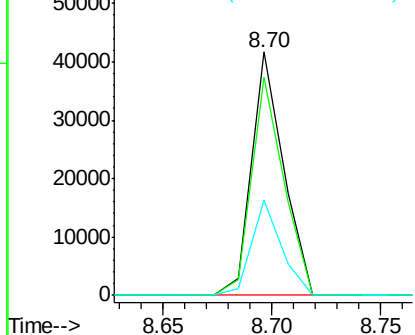
#37
 2-Methylnaphthalene
 Concen: 5.90 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 42631
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 39.0 22.6 33.8#

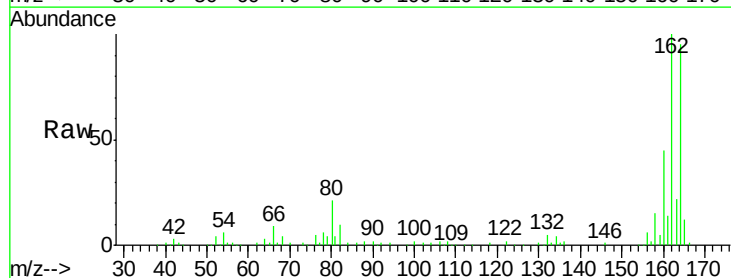


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

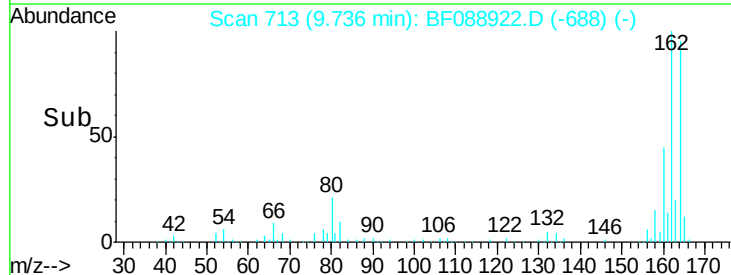
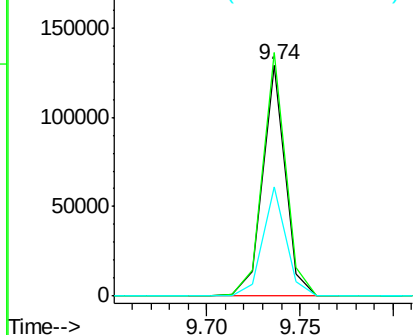


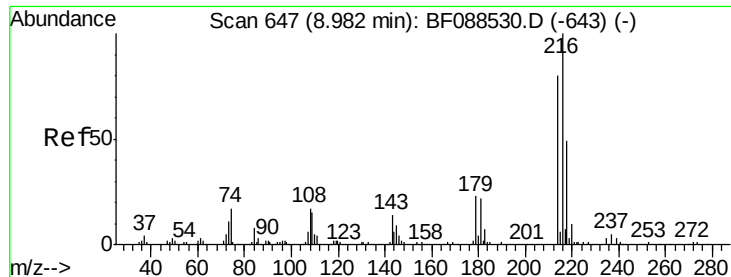
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:164 Resp: 106911
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.4 128.2
 160 47.3 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.64 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 20072

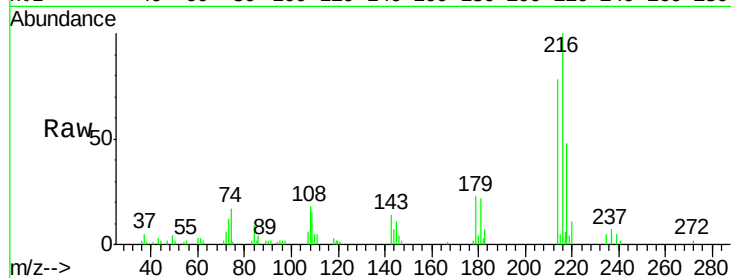
Ion Ratio Lower Upper

216 100

214 77.8 2.9 4.3#

179 23.1 0.0 0.0#

108 22.3 0.5 0.7#

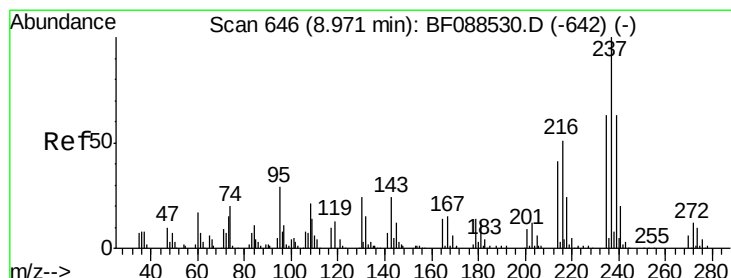
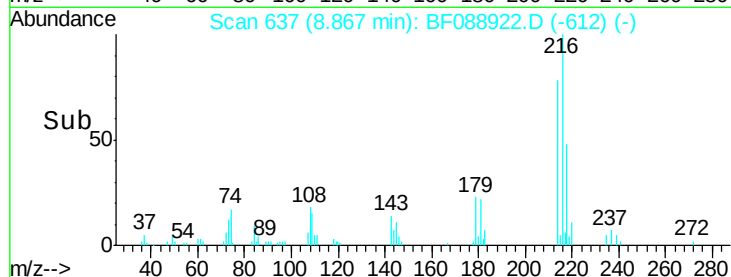
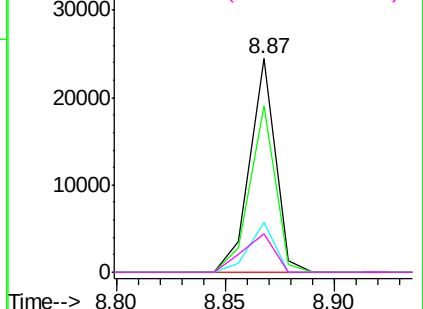


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.38 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

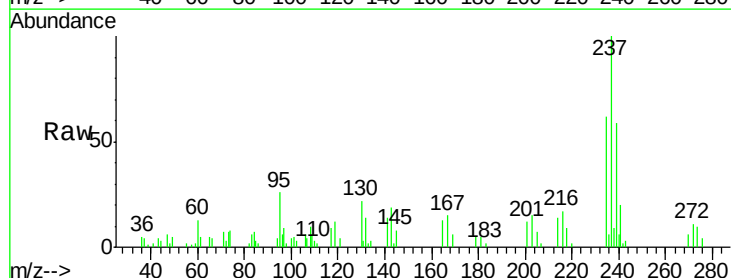
Tgt Ion:237 Resp: 16374

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

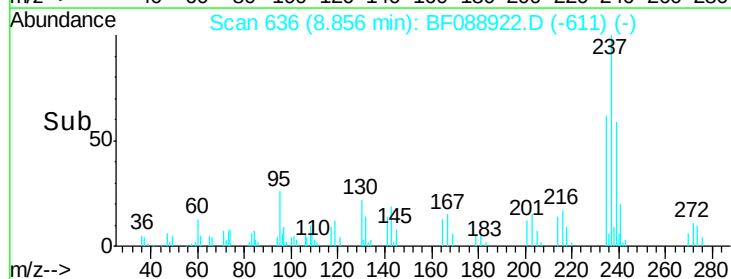
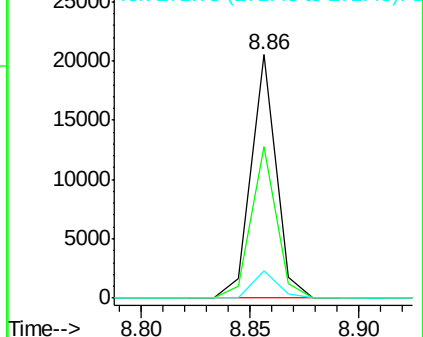
272 11.3 0.0 32.3

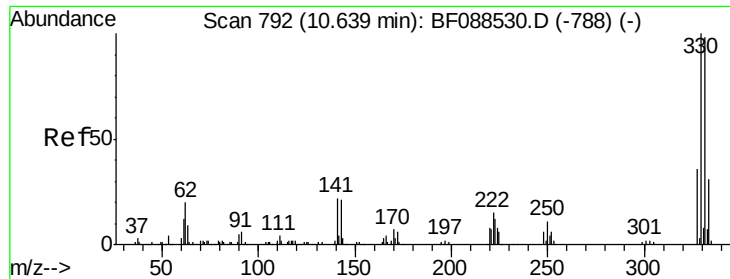


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

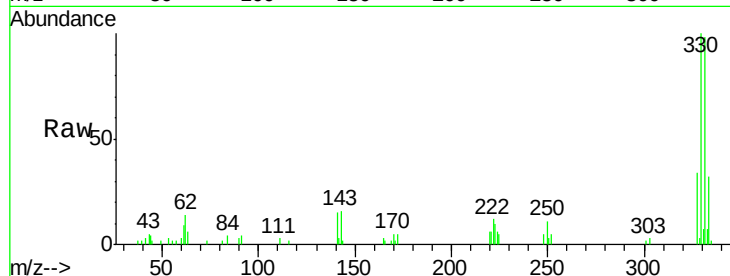




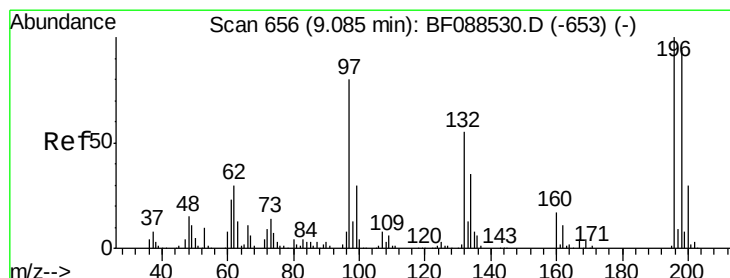
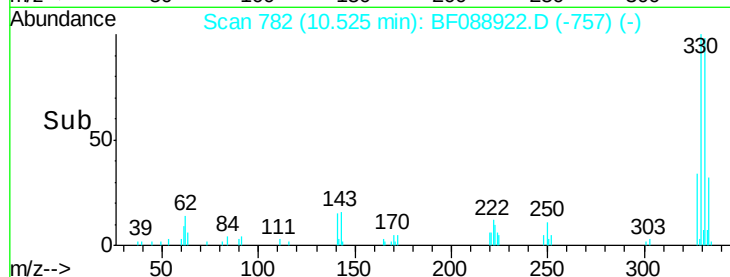
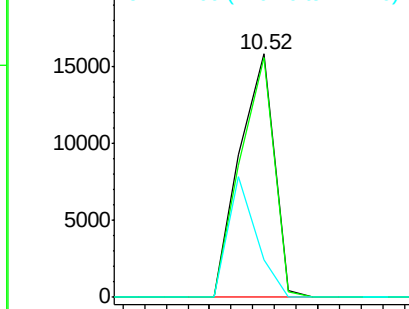
#41
 2,4,6-Tribromophenol
 Concen: 17.62 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 17496
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 40.4 0.0 0.0#

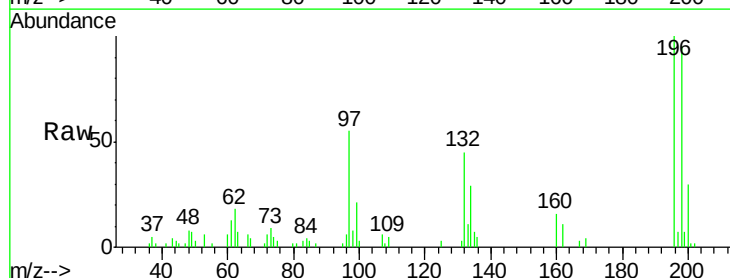


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

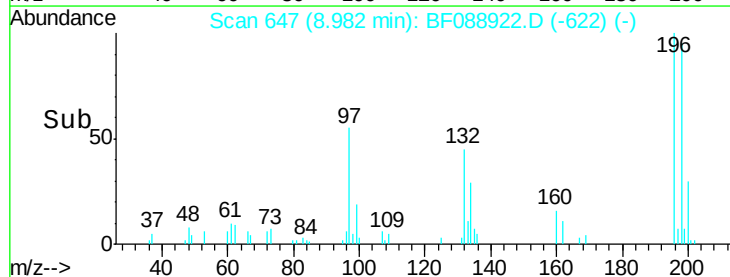
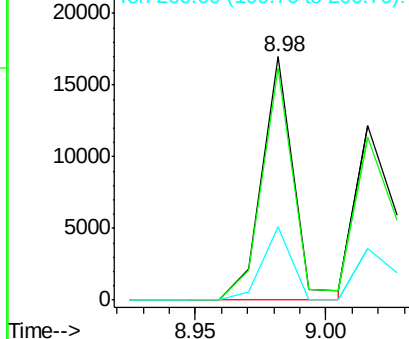


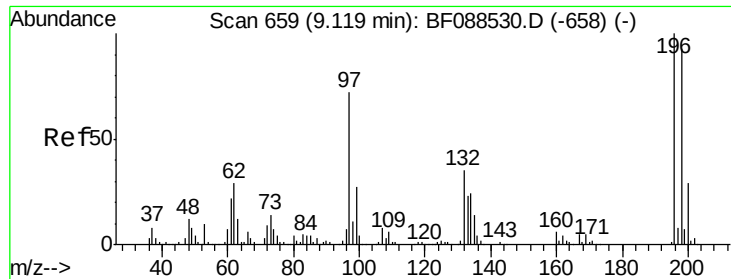
#42
 2,4,6-Trichlorophenol
 Concen: 6.01 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:196 Resp: 14085
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 30.2 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

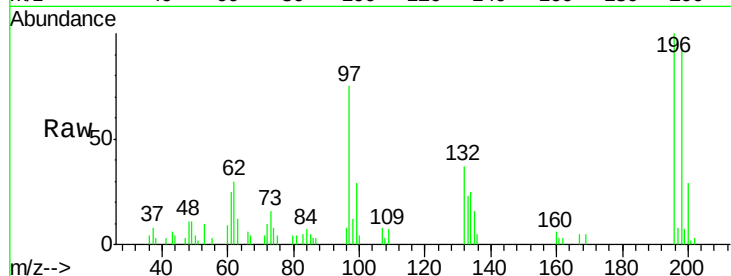




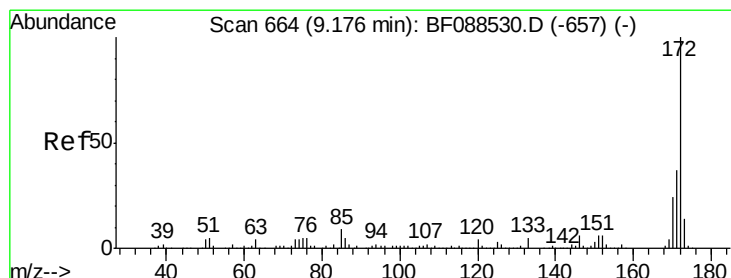
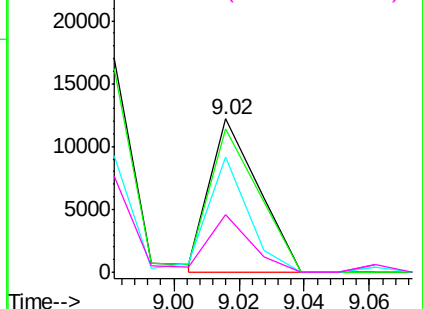
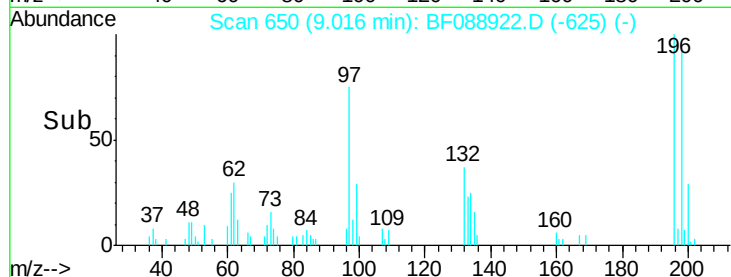
#43
2,4,5-Trichlorophenol
Concen: 6.16 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 12423
Ion Ratio Lower Upper
196 100
198 93.4 77.5 116.3
97 74.9 32.0 48.0#
132 37.4 20.9 31.3#

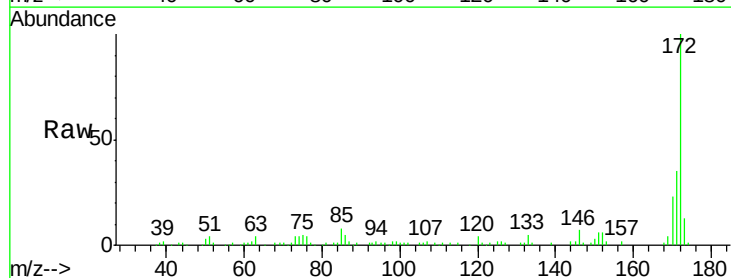


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

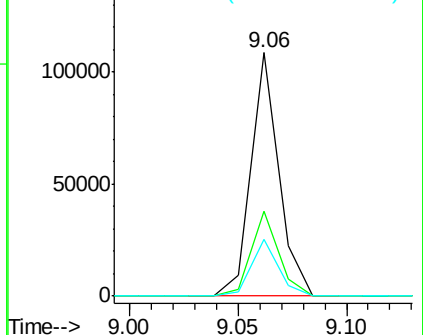
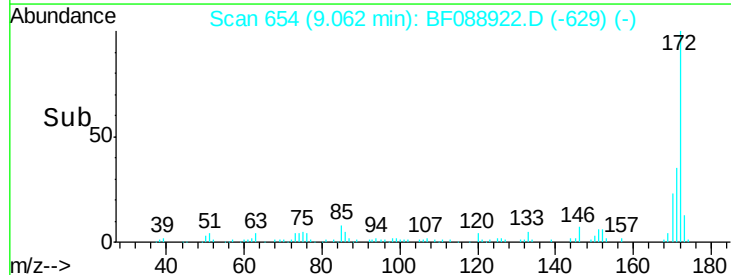


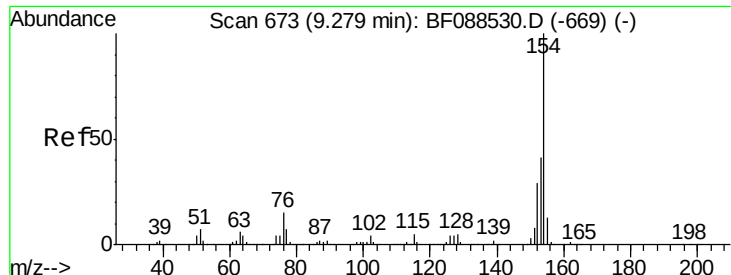
#44
2-Fluorobiphenyl
Concen: 14.21 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:172 Resp: 96157
Ion Ratio Lower Upper
172 100
171 34.8 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: 6.68 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

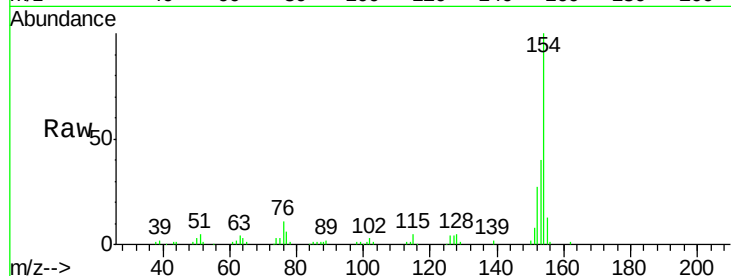
Tot Ion:154 Resp: 59135

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

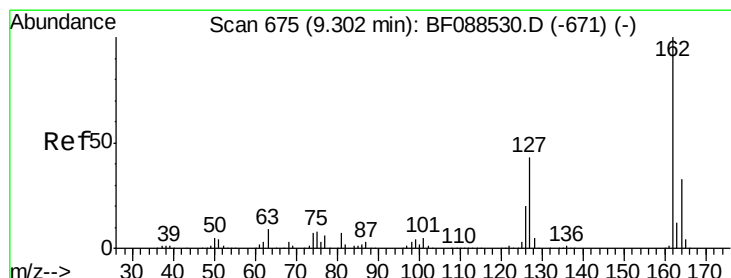
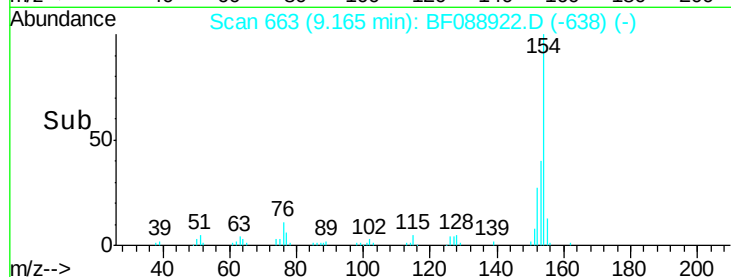
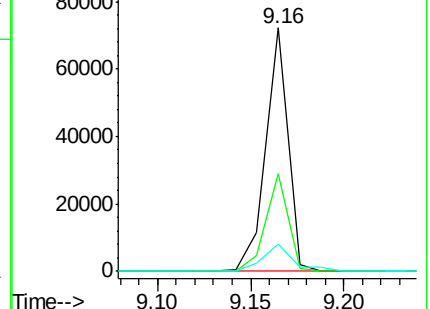
76 11.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 6.15 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

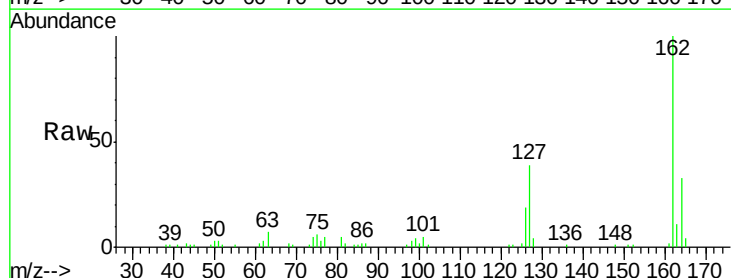
Tgt Ion:162 Resp: 42743

Ion Ratio Lower Upper

162 100

127 39.0 35.2 52.8

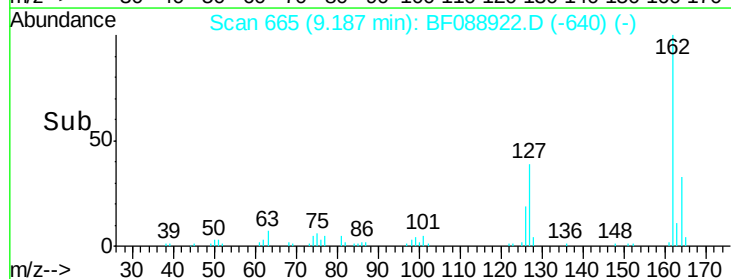
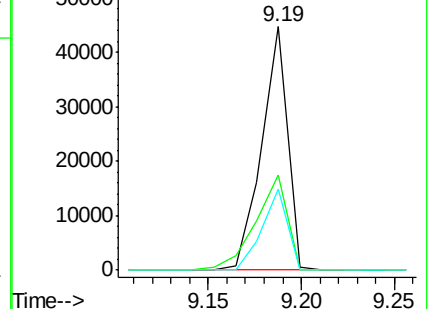
164 33.1 26.6 39.8

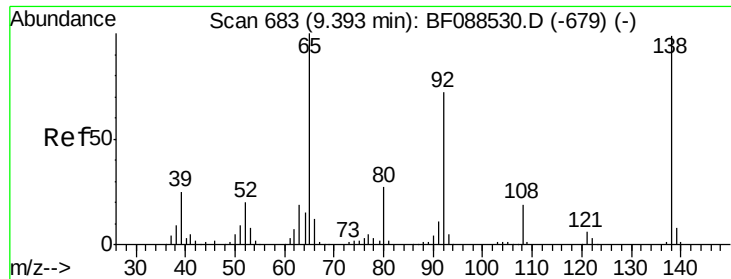


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

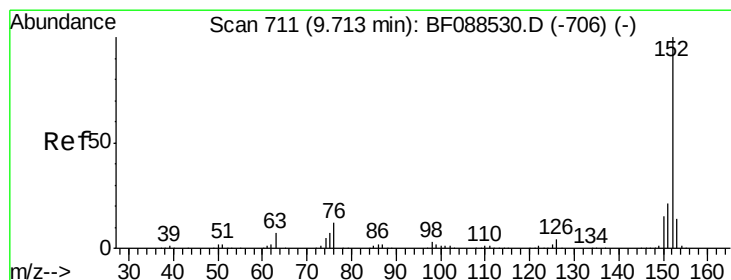
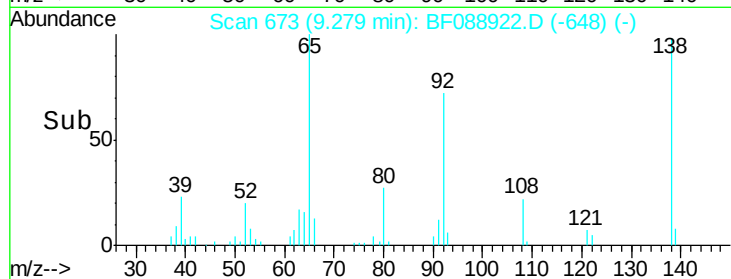
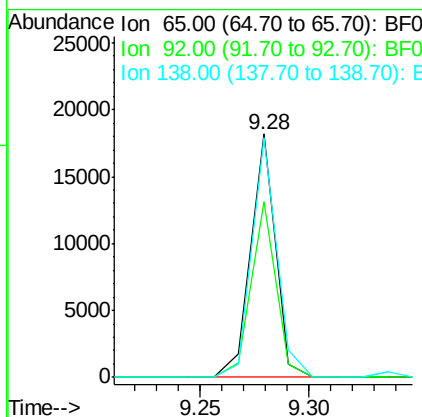
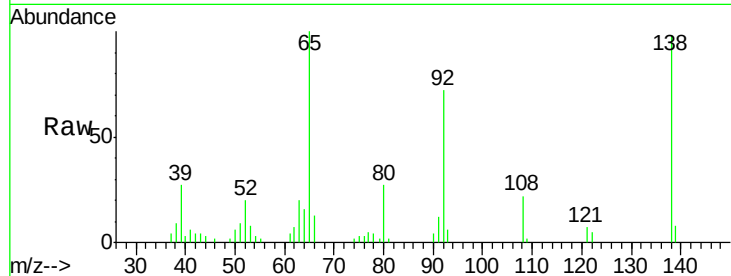




#47
 2-Nitroaniline
 Concen: 5.84 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

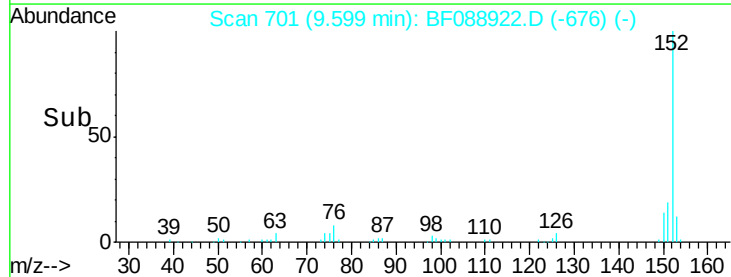
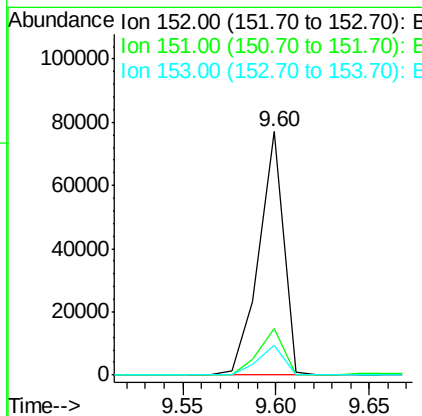
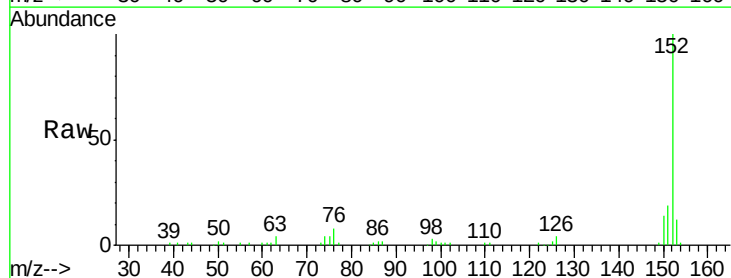
Instrument :
 BNA_F
 ClientSampled :

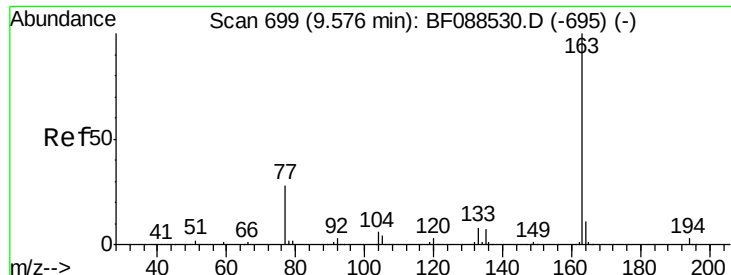
Tot Ion: 65 Resp: 14411
 Ion Ratio Lower Upper
 65 100
 92 72.3 54.6 82.0
 138 98.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 6.36 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion: 152 Resp: 70380
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.2 24.4
 153 12.3 11.0 16.6





#49

Dimethylphthalate

Concen: 7.02 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

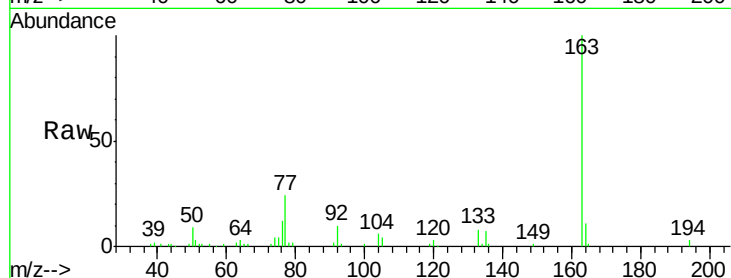
Tot Ion:163 Resp: 53431

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

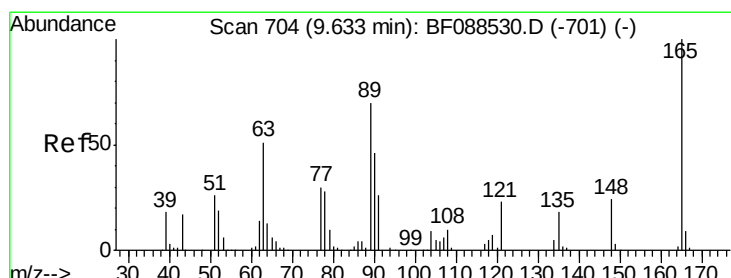
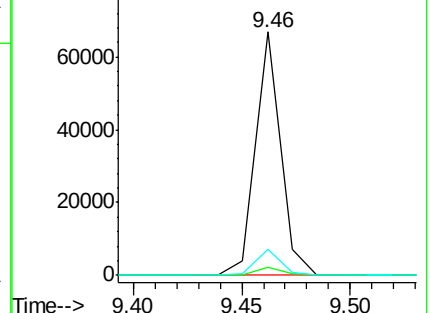
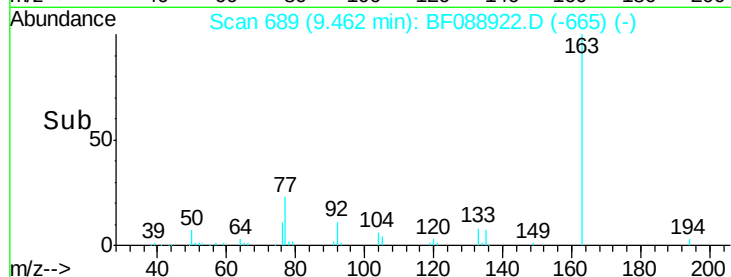
164 10.6 8.3 12.5



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: 5.99 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

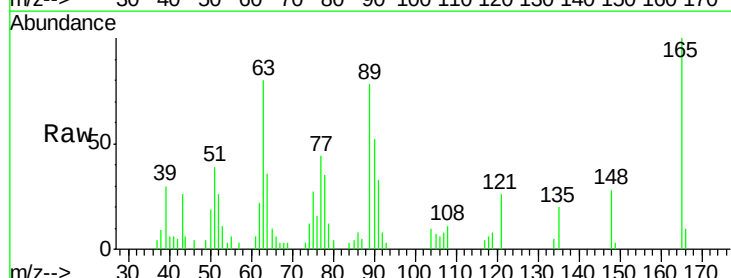
Tgt Ion:165 Resp: 10110

Ion Ratio Lower Upper

165 100

63 79.7 28.1 42.1#

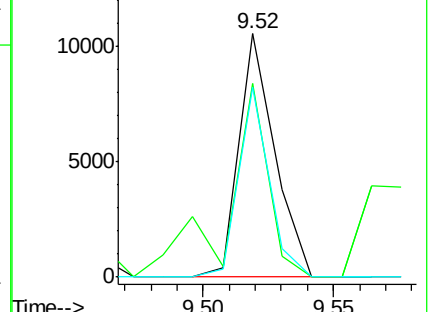
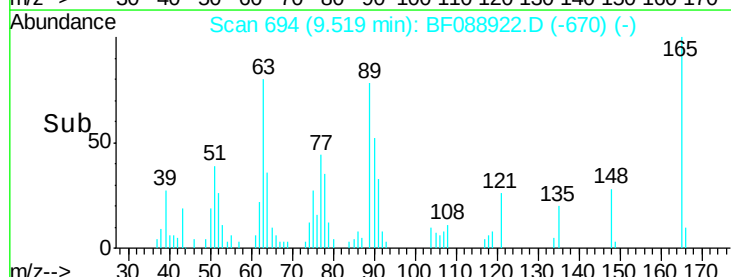
89 78.2 32.2 48.2#

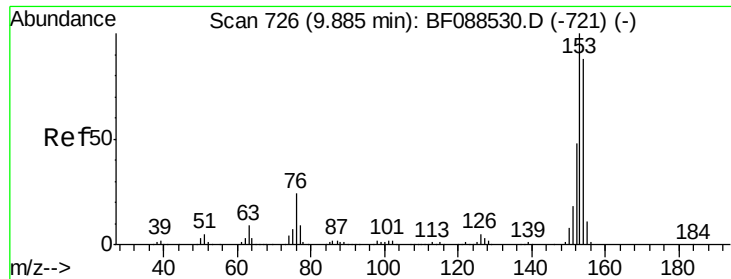


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 6.47 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

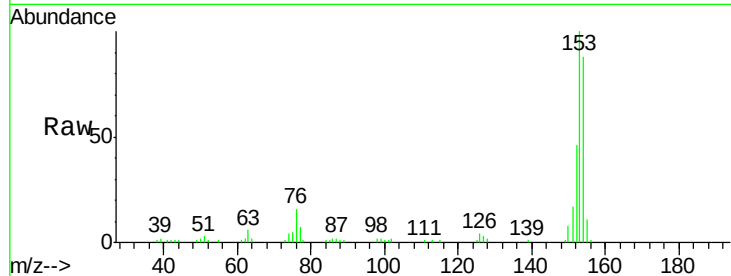
Tot Ion:154 Resp: 43881

Ion Ratio Lower Upper

154 100

153 114.1 89.5 134.3

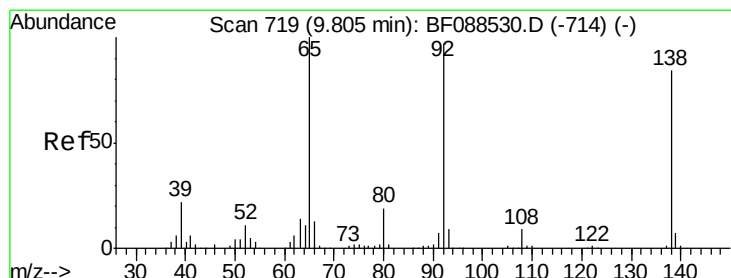
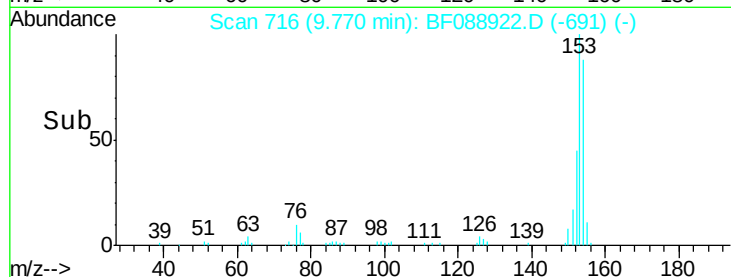
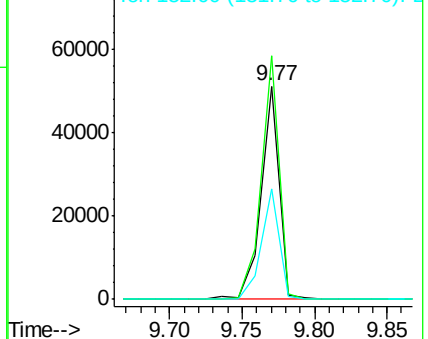
152 52.0 42.7 64.1



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: 3.53 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

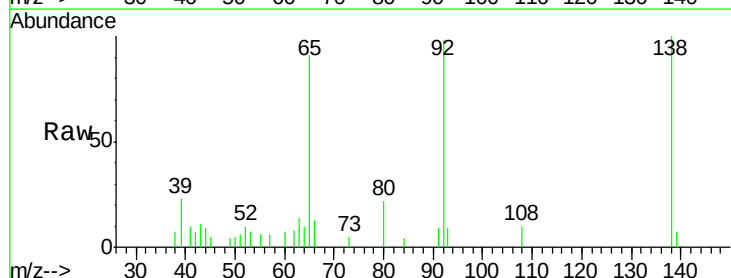
Tgt Ion:138 Resp: 7573

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

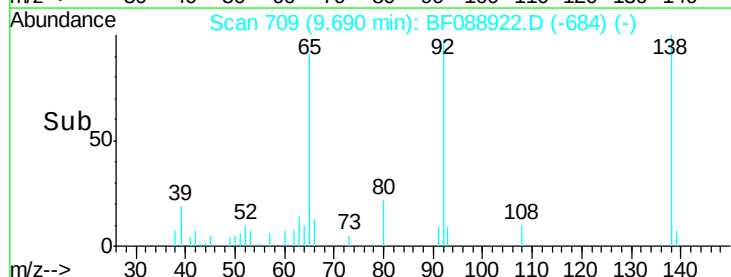
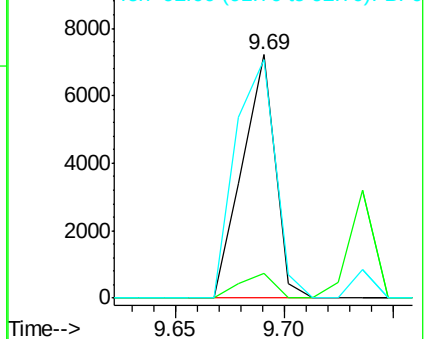
92 98.1 95.7 143.5

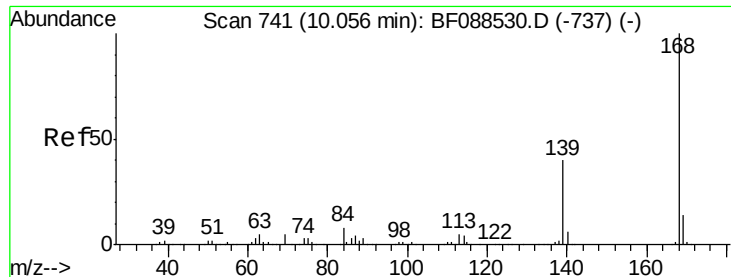


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

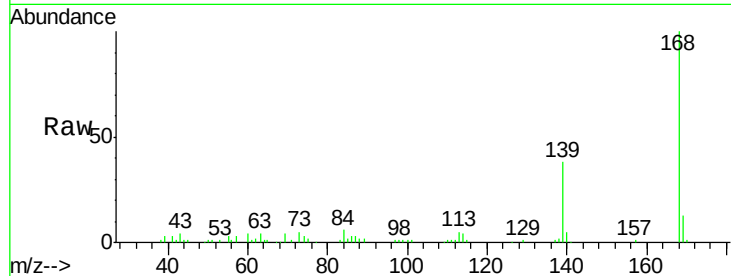




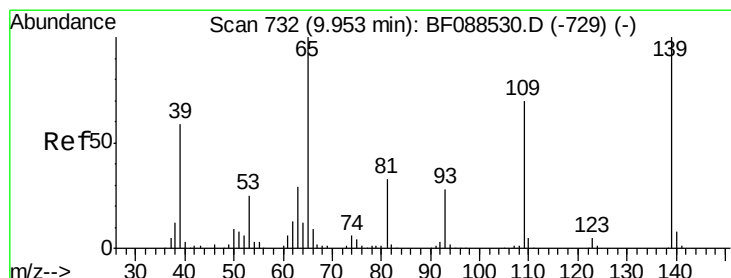
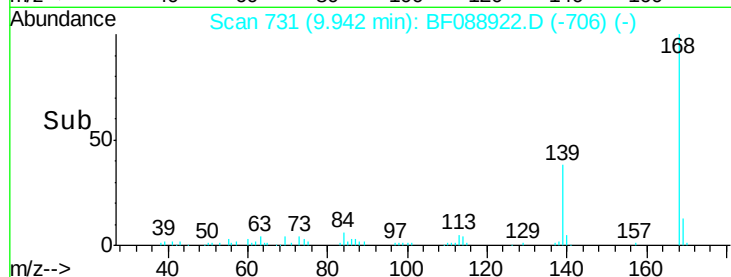
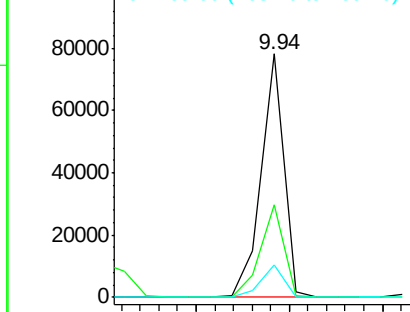
#54
Dibenzofuran
Concen: 7.38 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 65502
Ion Ratio Lower Upper
168 100
139 37.9 26.4 39.6
169 13.2 10.4 15.6

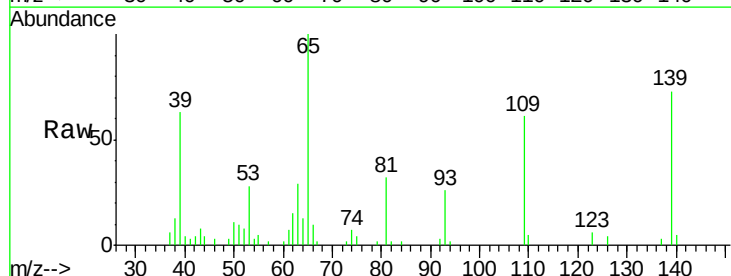


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

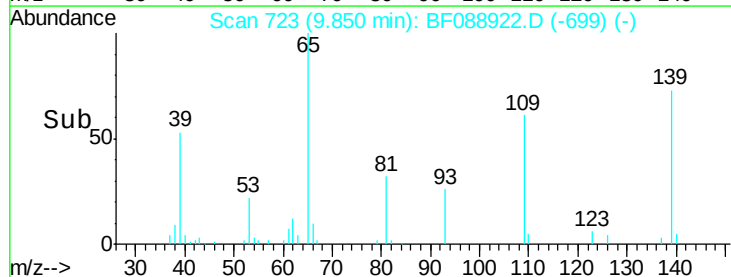
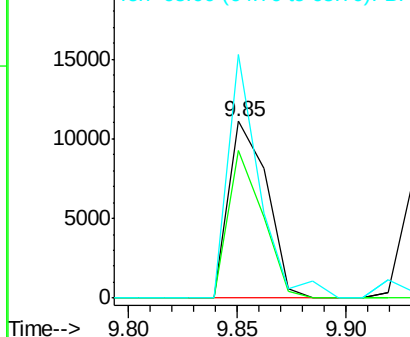


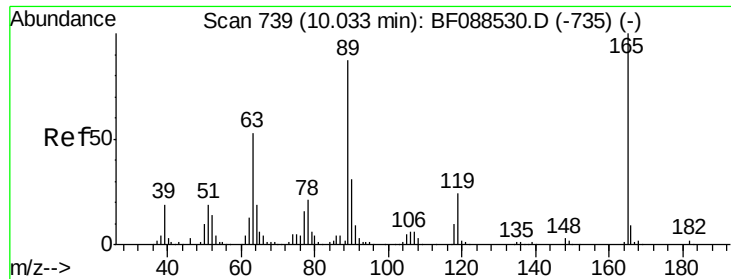
#55
4-Nitrophenol
Concen: 8.34 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:139 Resp: 13593
Ion Ratio Lower Upper
139 100
109 83.6 48.9 88.9
65 137.7 84.9 124.9#



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

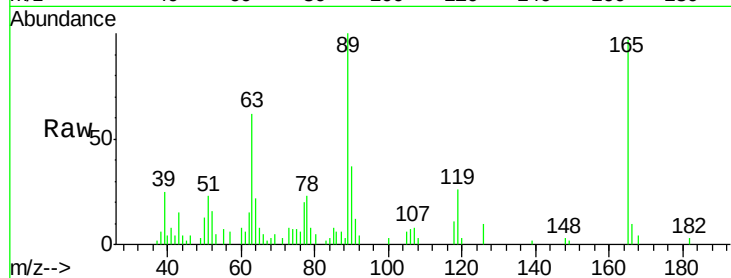




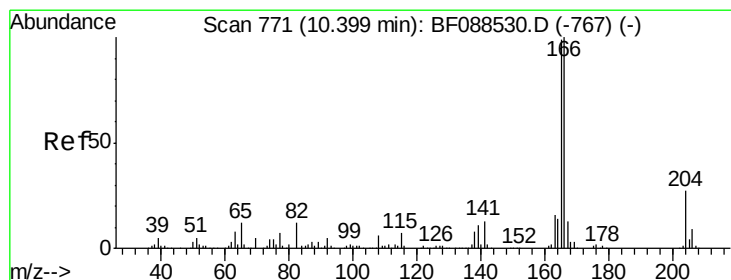
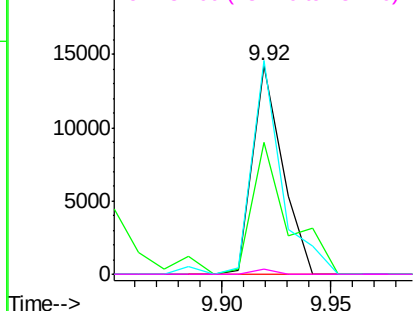
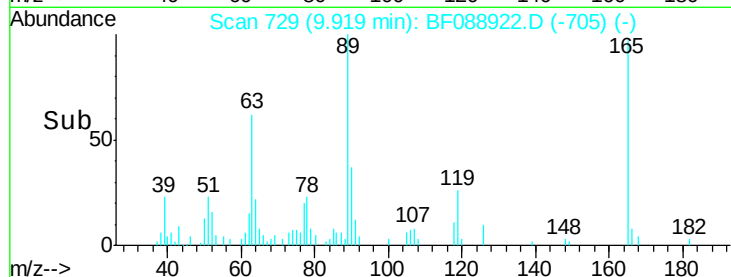
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	13635
Ion Ratio	Lower	Upper
165	100	
63	63.1	22.0 33.0#
89	102.6	41.1 61.7#
182	2.7	2.0 3.0

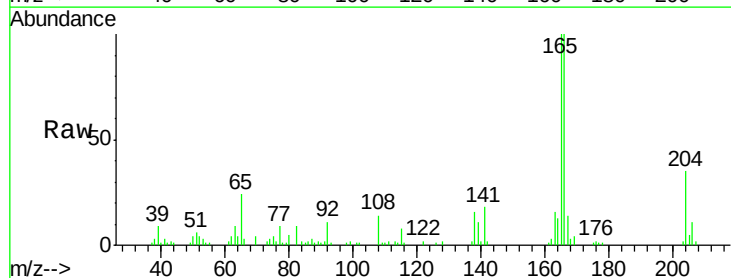


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

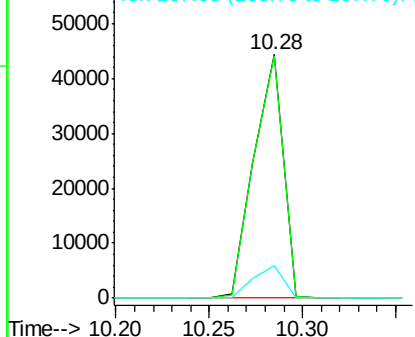
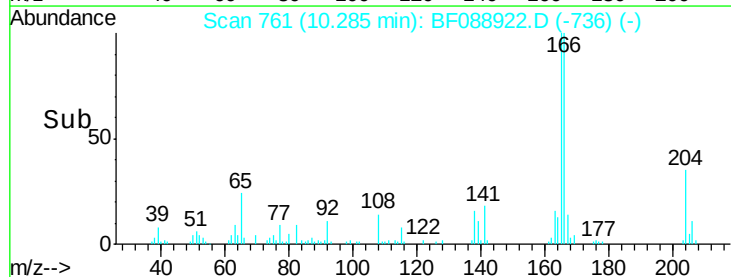


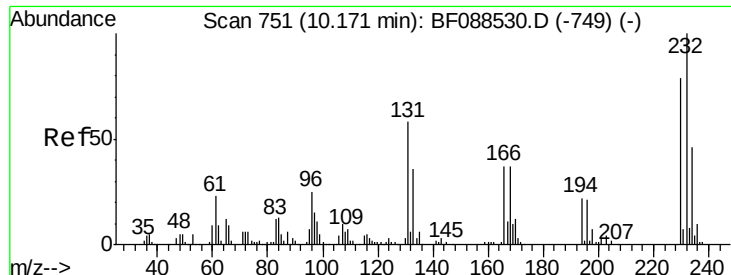
#57
Fluorene
Concen: 7.03 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:166	Resp:	48056
Ion Ratio	Lower	Upper
166	100	
165	99.5	77.8 116.8
167	13.5	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

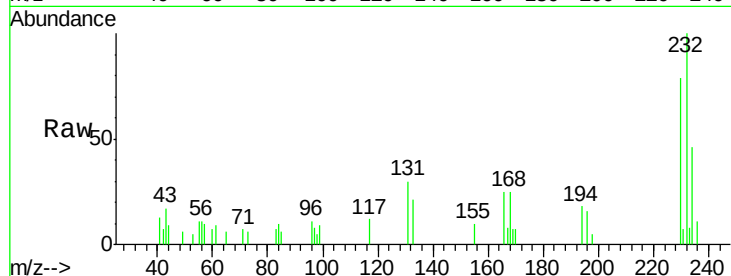




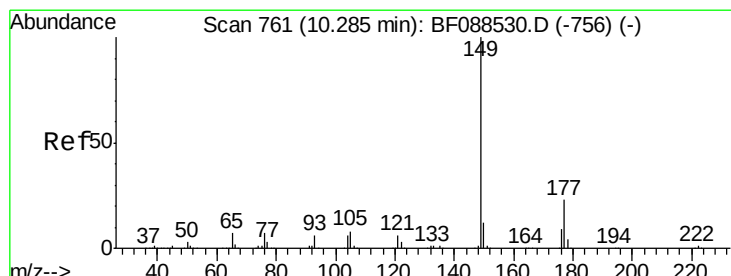
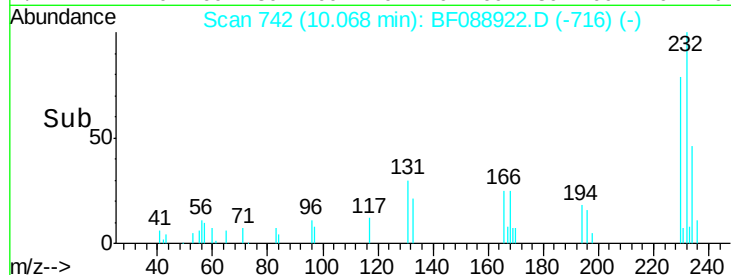
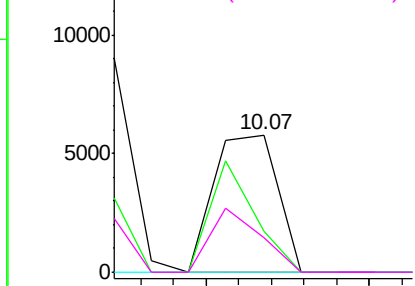
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.99 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 7790
 Ion Ratio Lower Upper
 232 100
 131 56.7 0.9 1.3#
 130 0.0 1.5 2.3#
 166 36.7 0.5 0.7#

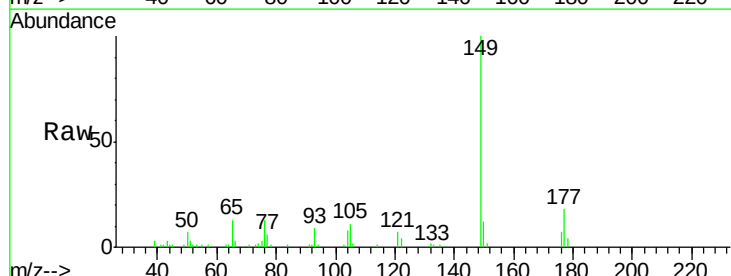


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

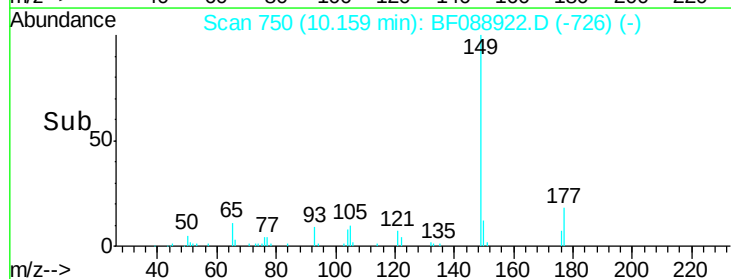
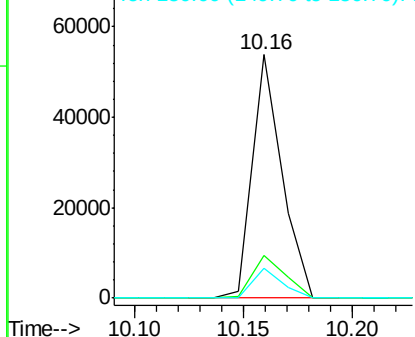


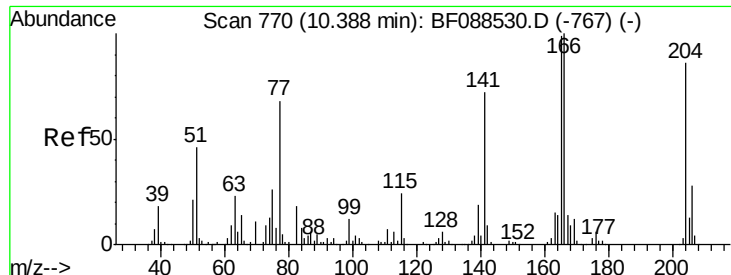
#59
 Diethylphthalate
 Concen: 6.66 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:149 Resp: 50892
 Ion Ratio Lower Upper
 149 100
 177 17.7 16.9 25.3
 150 12.1 10.1 15.1



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

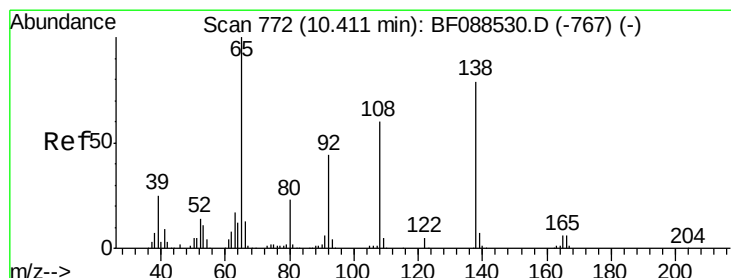
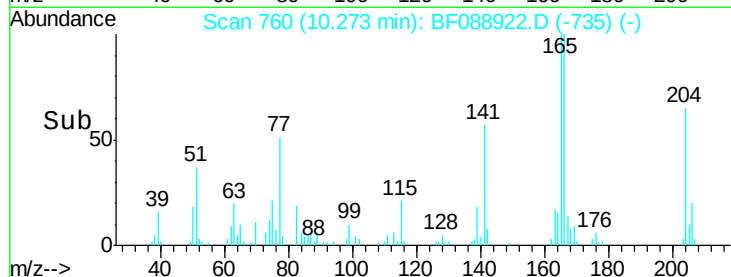
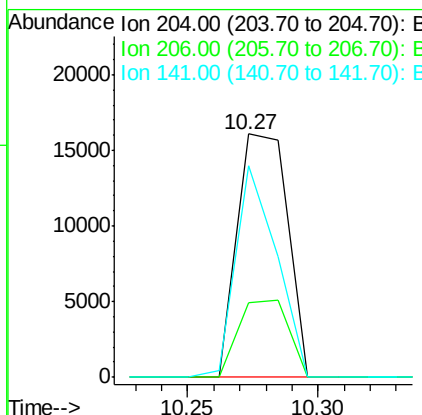
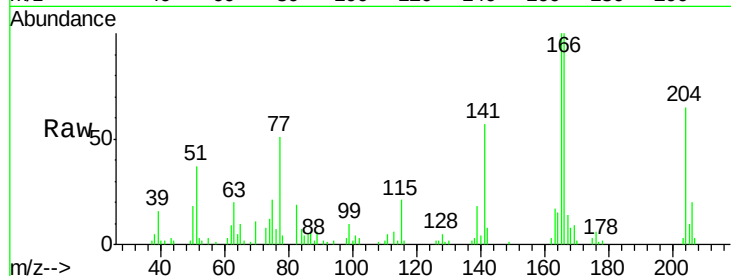




#60
 4-Chlorophenyl-phenylether
 Concen: 6.86 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

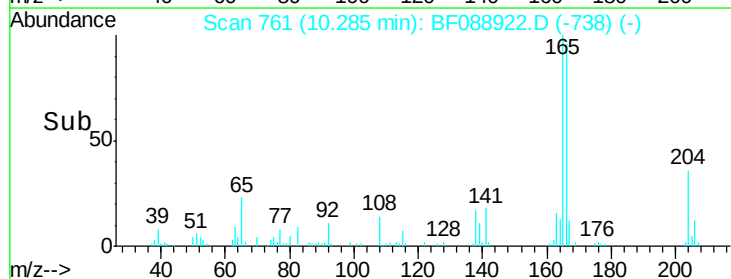
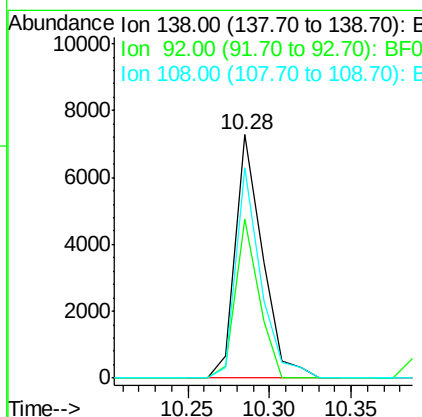
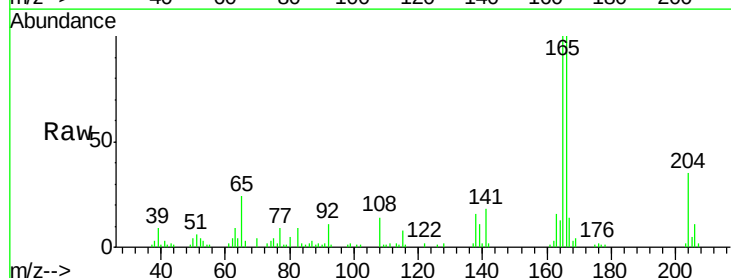
Instrument :
 BNA_F
 ClientSampled :

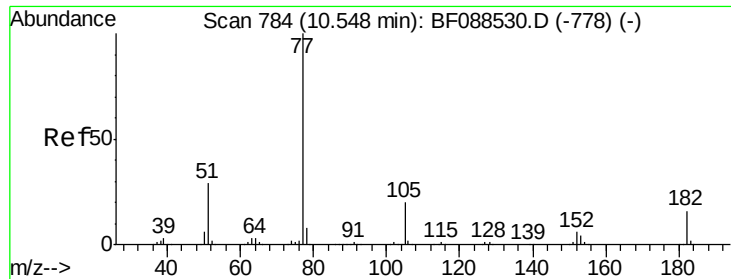
Tot Ion:204 Resp: 21803
 Ion Ratio Lower Upper
 204 100
 206 30.8 26.3 39.5
 141 86.9 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 4.05 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:138 Resp: 8373
 Ion Ratio Lower Upper
 138 100
 92 65.4 27.3 67.3
 108 86.2 46.7 86.7





#62

Azobenzene

Concen: 6.54 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 56982

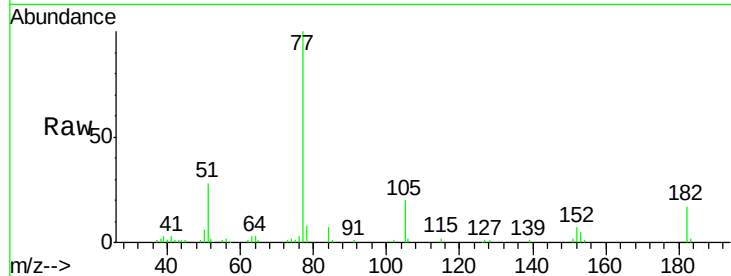
Ion Ratio Lower Upper

77 100

182 17.3 4.4 44.4

105 20.0 3.8 43.8

51 27.5 9.3 49.3

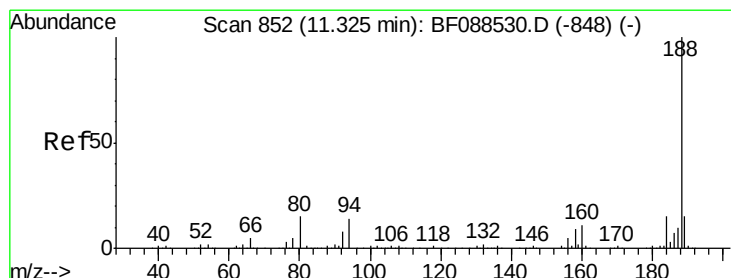
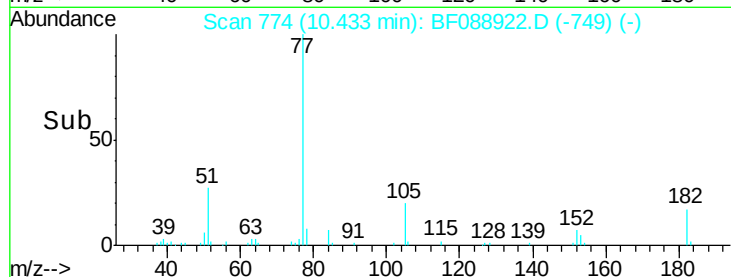
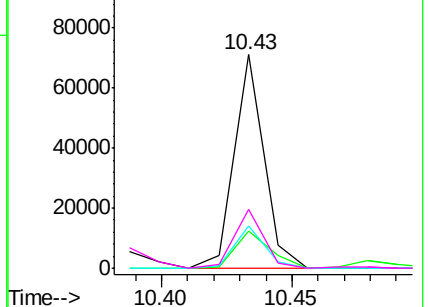


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

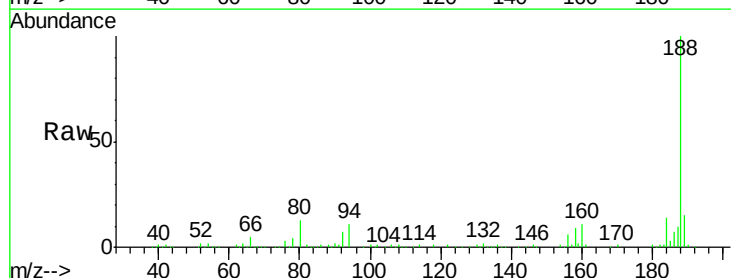
Tgt Ion: 188 Resp: 196152

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

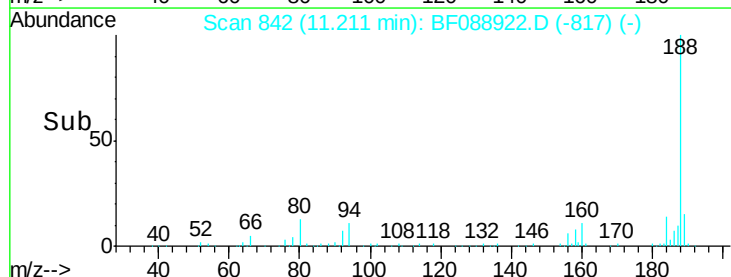
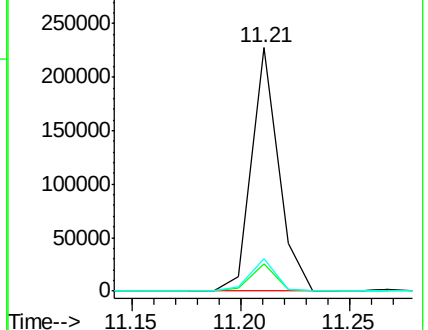
80 13.3 10.0 15.0

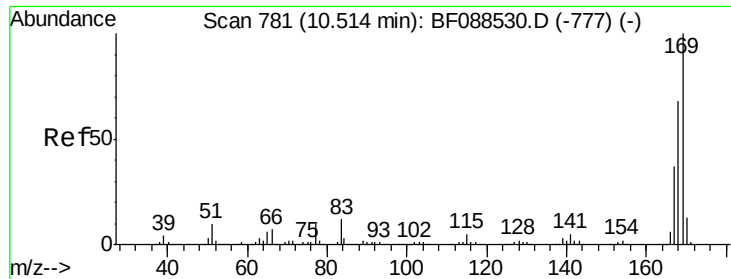


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

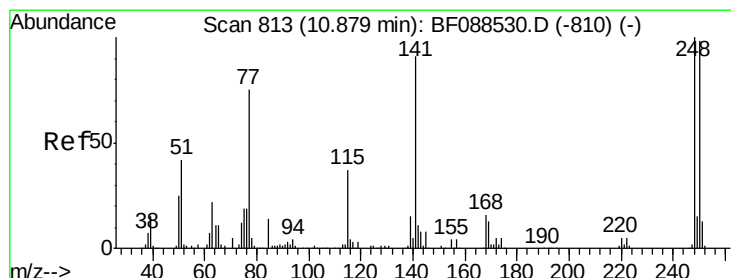
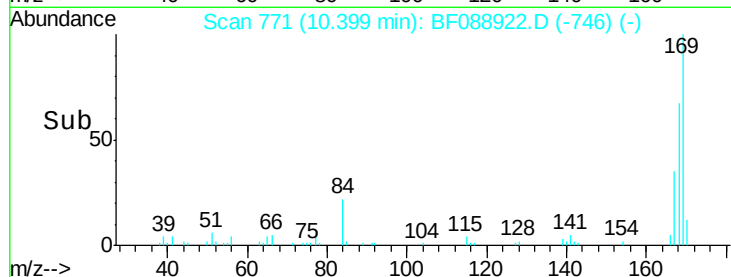
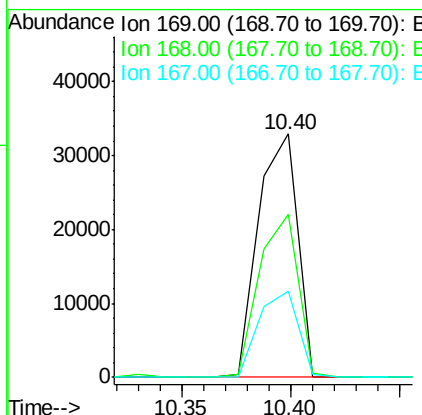
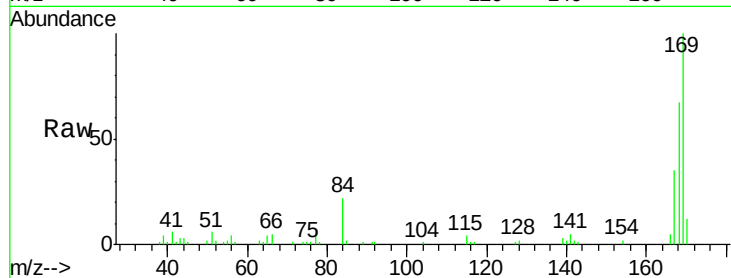




#65
 n-Nitrosodiphenylamine
 Concen: 6.26 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

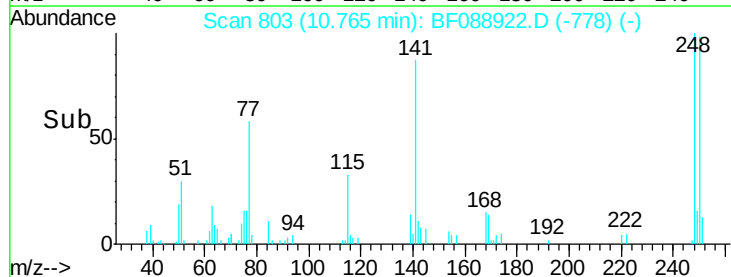
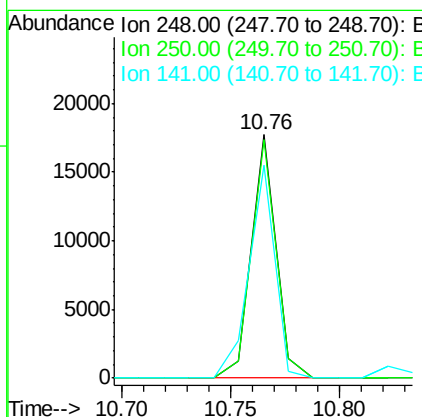
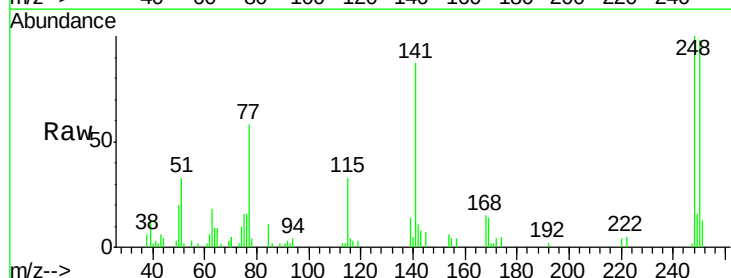
Instrument :
 BNA_F
 ClientSampled :

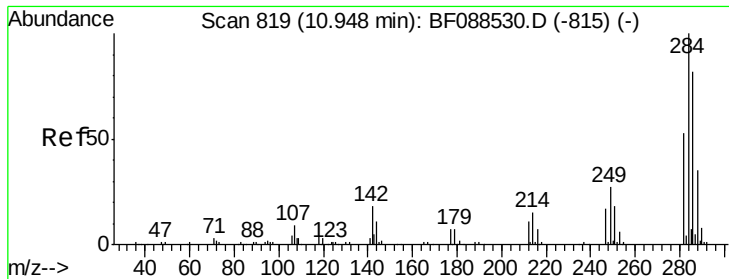
Tot Ion:169 Resp: 41564
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 35.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 7.07 ng
 RT: 10.76 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:248 Resp: 13977
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 87.4 50.6 76.0#

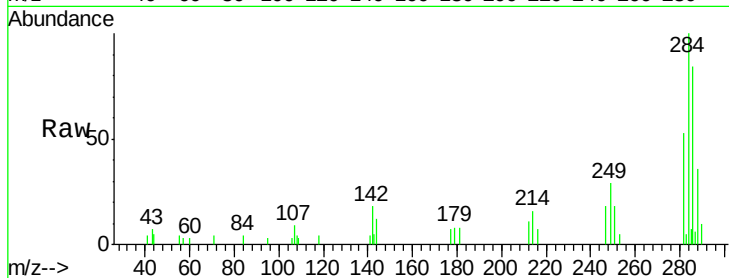




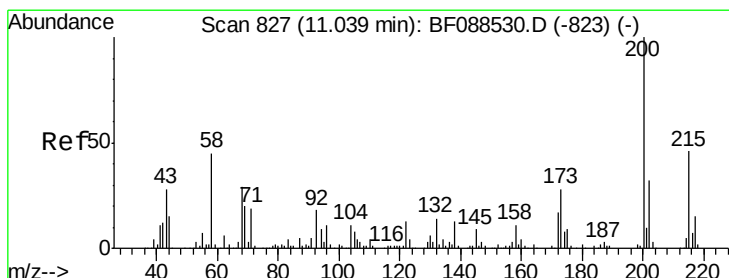
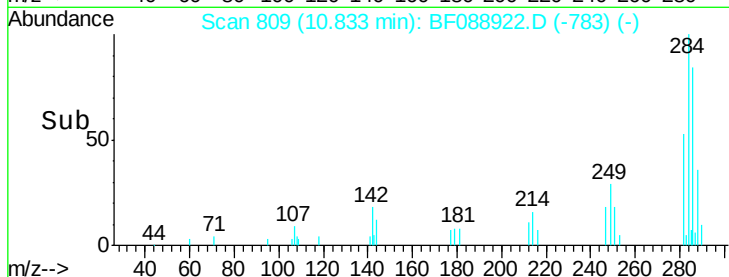
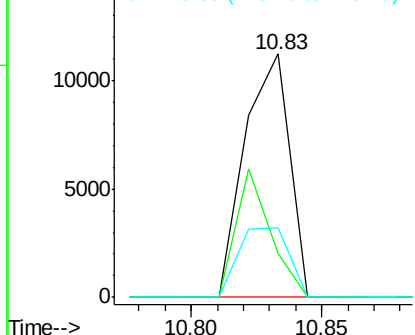
#67
Hexachlorobenzene
Concen: 6.15 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 13453
Ion Ratio Lower Upper
284 100
142 18.3 35.8 53.8#
249 28.5 25.8 38.6

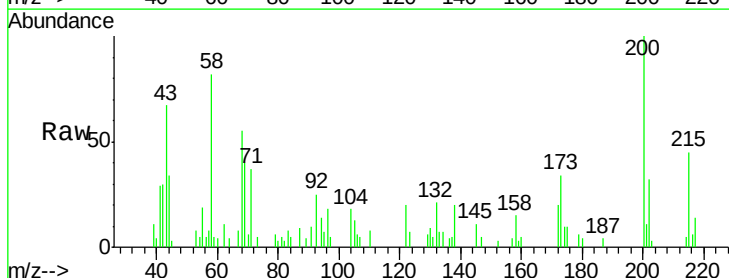


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

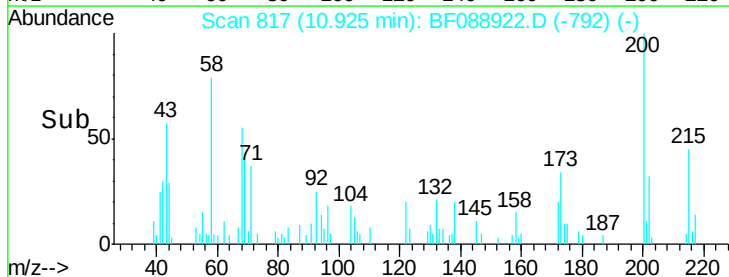
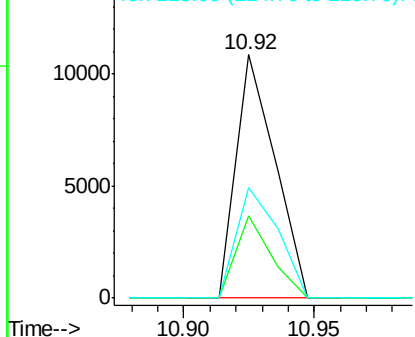


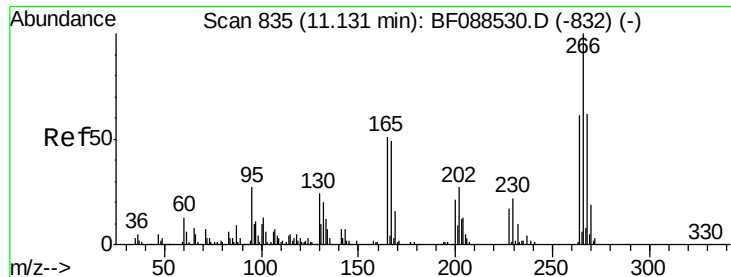
#68
Atrazine
Concen: 5.49 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:200 Resp: 11362
Ion Ratio Lower Upper
200 100
173 34.0 4.0 44.0
215 45.4 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

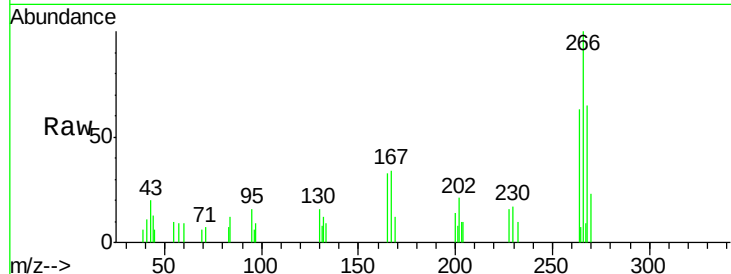




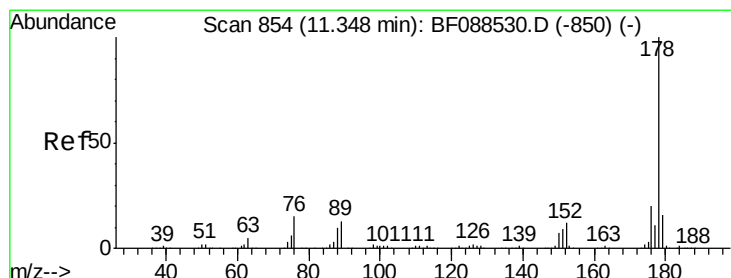
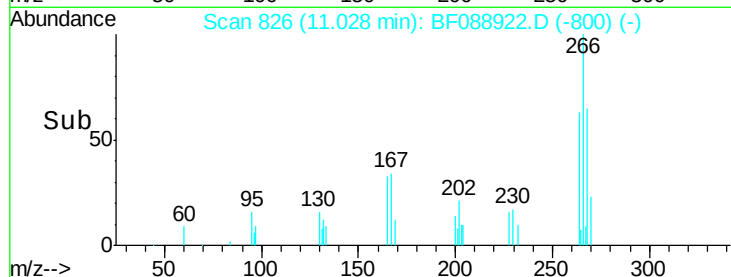
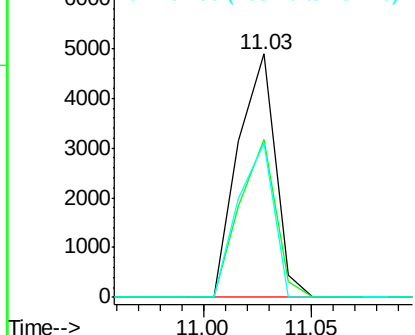
#69
 Pentachlorophenol
 Concen: 4.49 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 5814
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.8 79.2
 264 63.3 49.6 74.4

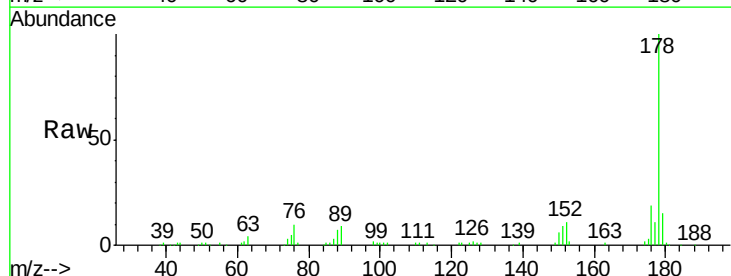


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

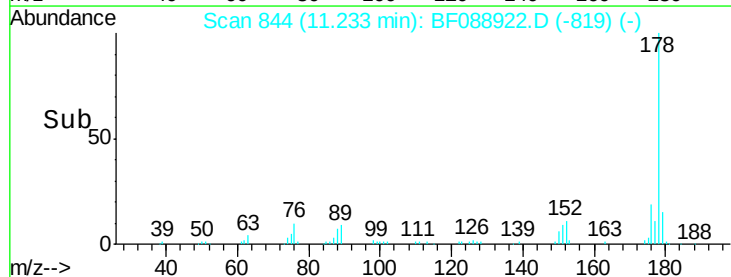
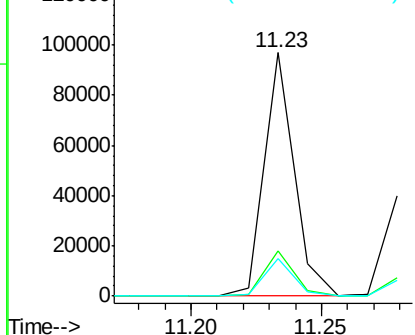


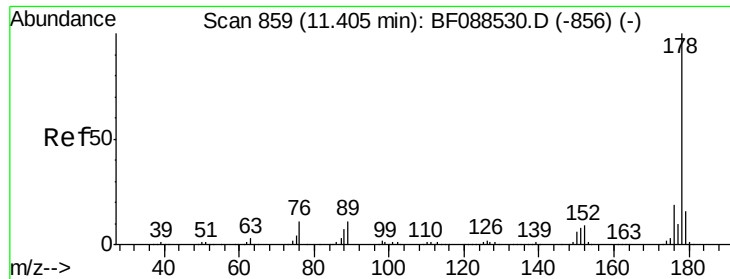
#70
 Phenanthrene
 Concen: 7.24 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:178 Resp: 77653
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.6
 179 15.2 13.0 19.4



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

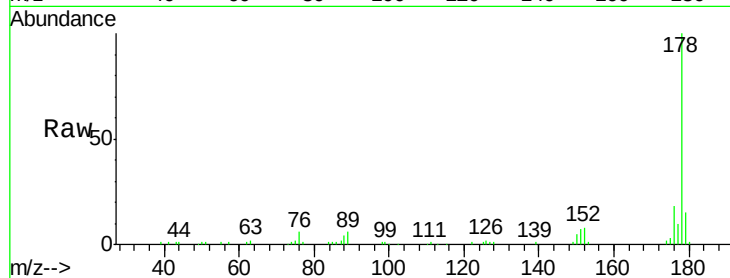




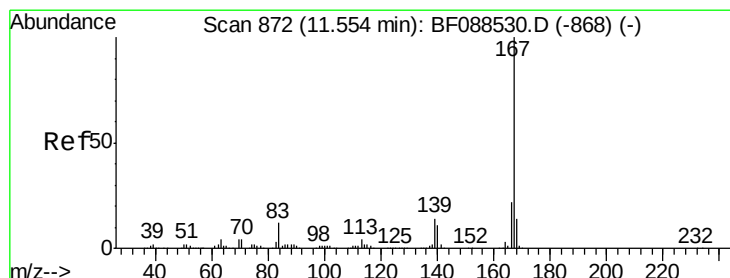
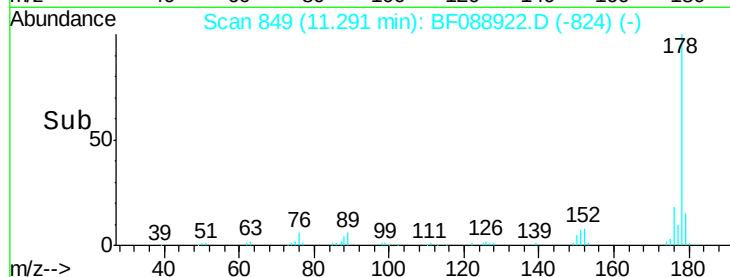
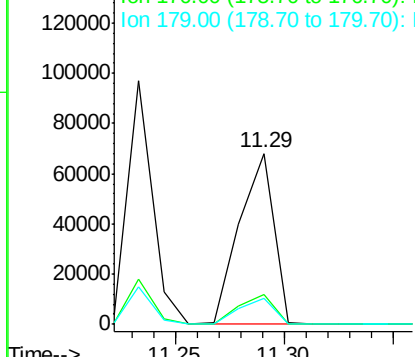
#71
 Anthracene
 Concen: 7.03 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 74953
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.6 23.4
 179 15.0 12.8 19.2

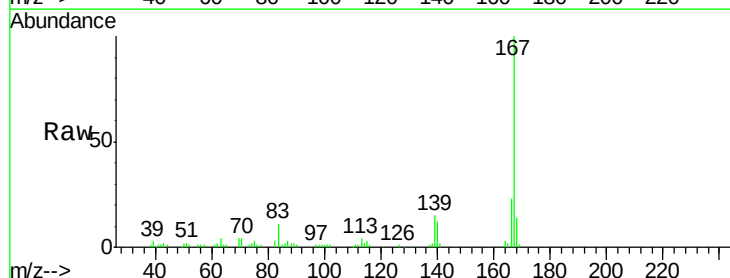


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

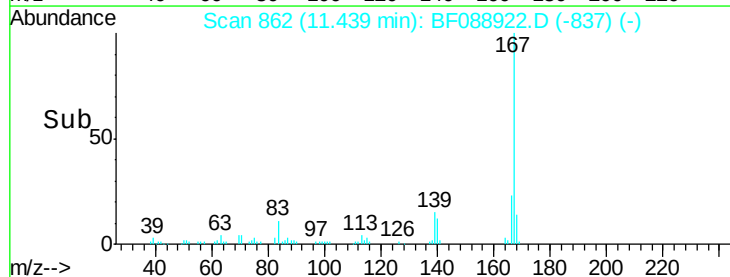
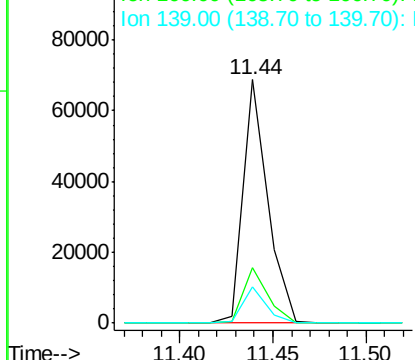


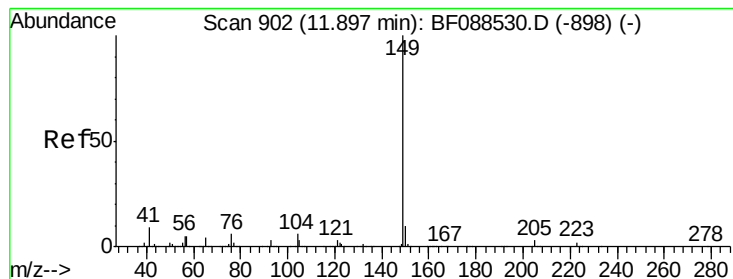
#72
 Carbazole
 Concen: 6.26 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:167 Resp: 62851
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 15.1 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 7.60 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

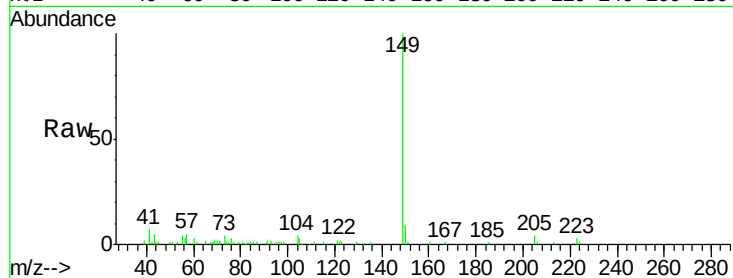
Tot Ion:149 Resp: 88740

Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.6

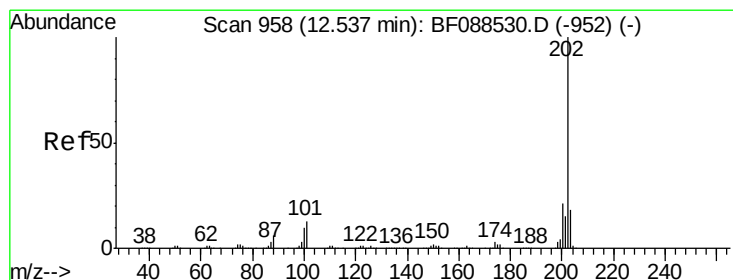
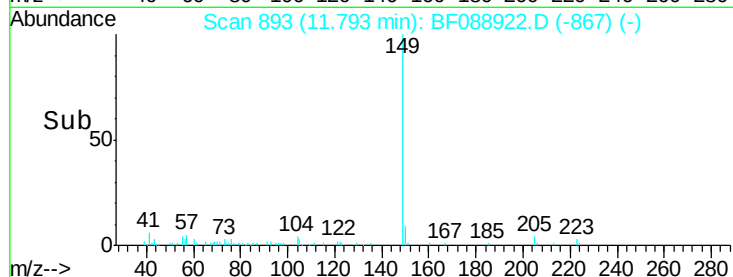
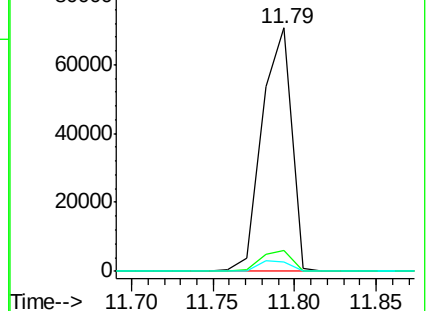
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 6.43 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

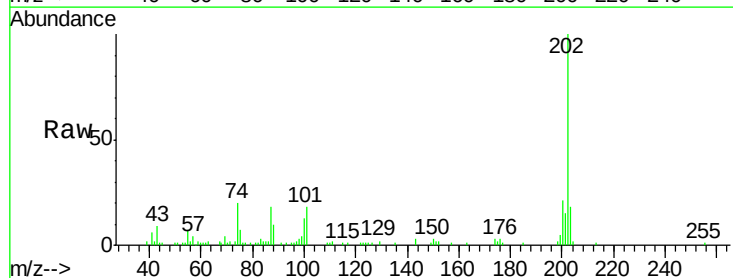
Tgt Ion:202 Resp: 69859

Ion Ratio Lower Upper

202 100

101 17.9 0.0 33.1

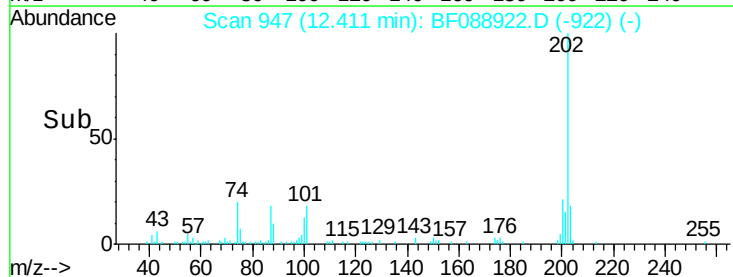
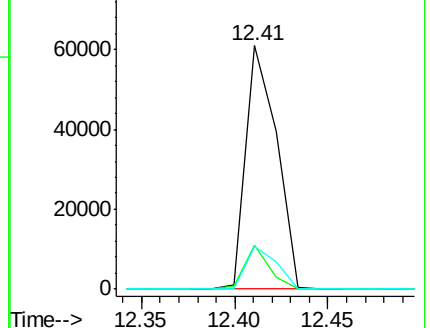
203 17.6 0.0 38.1

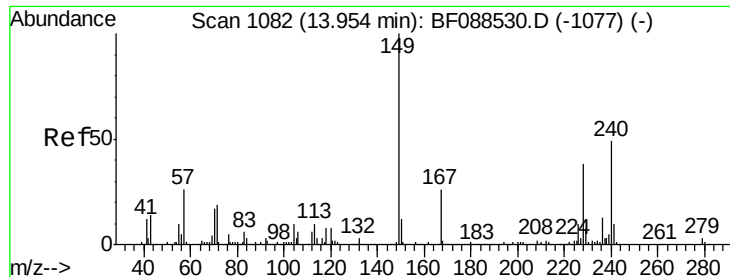


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

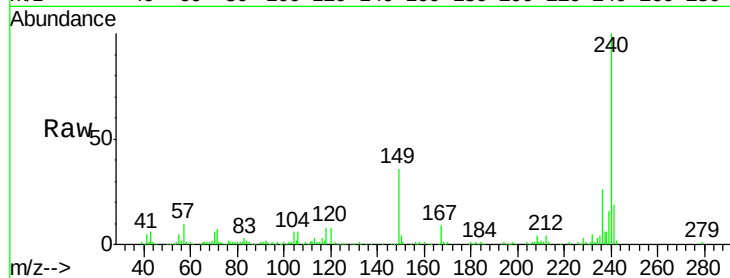
Tot Ion:240 Resp: 146228

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

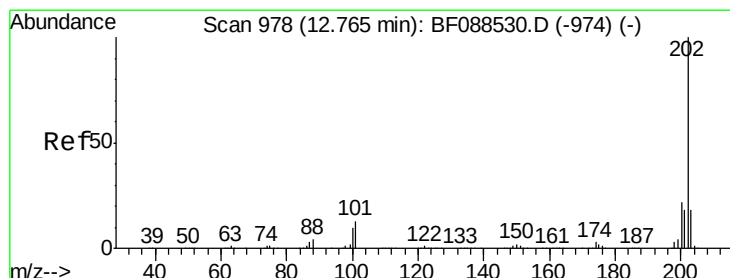
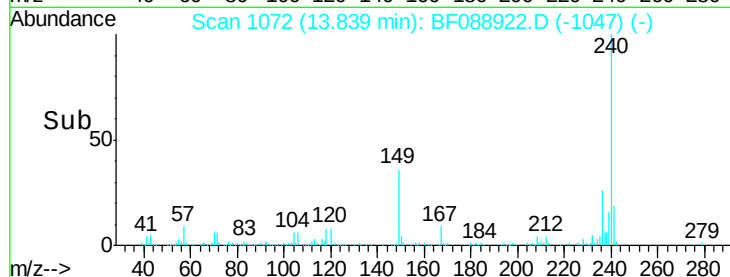
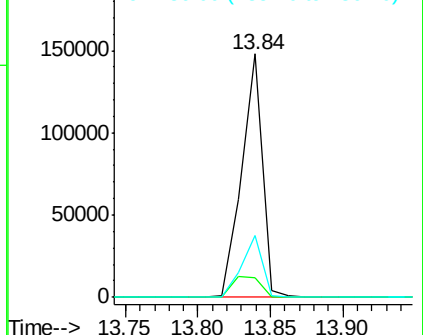
236 25.6 20.2 30.2



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: 5.70 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

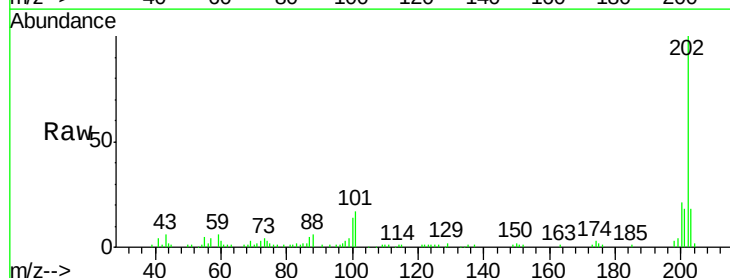
Tgt Ion:202 Resp: 70691

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

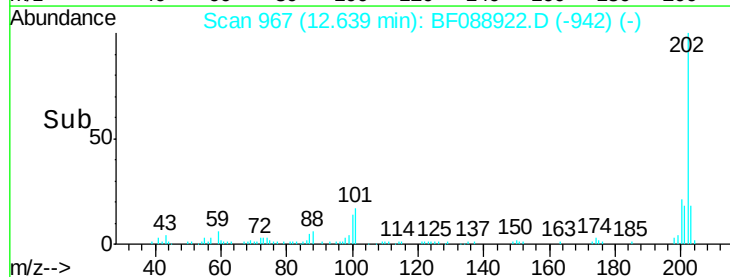
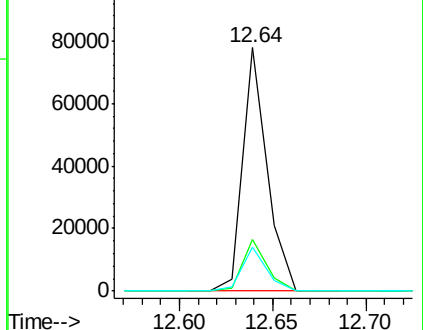
203 17.9 14.5 21.7

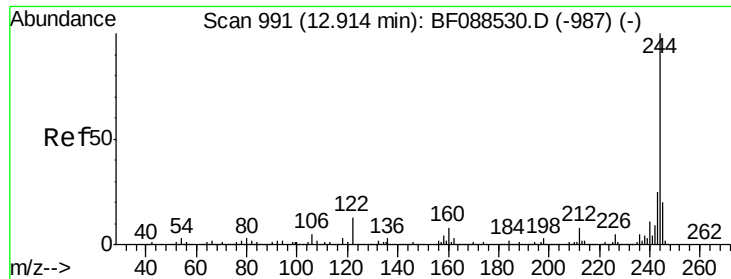


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

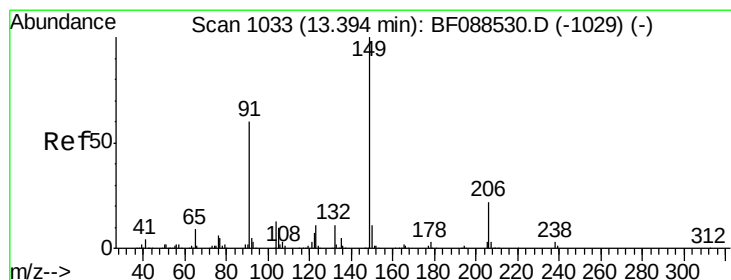
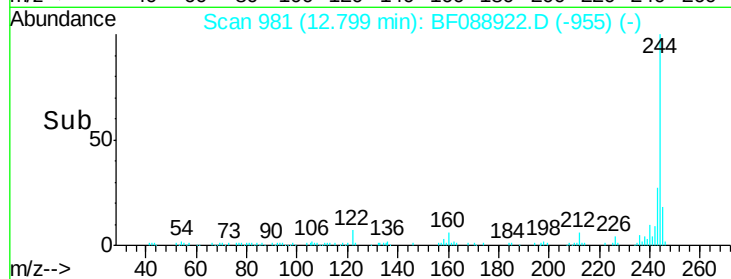
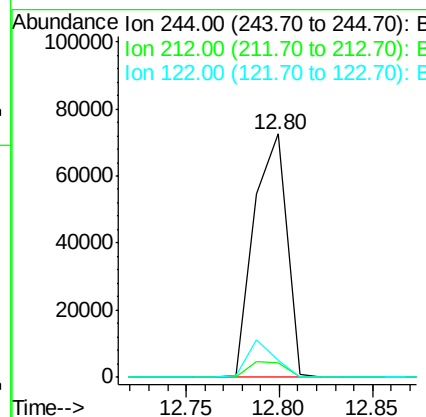
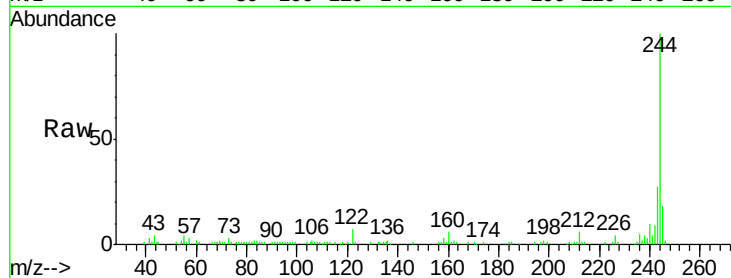




#78
 Terphenyl-d14
 Concen: 13.44 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

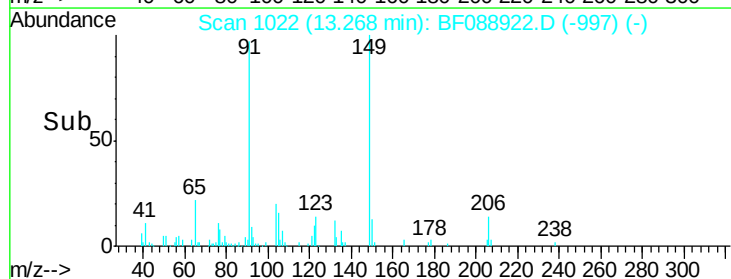
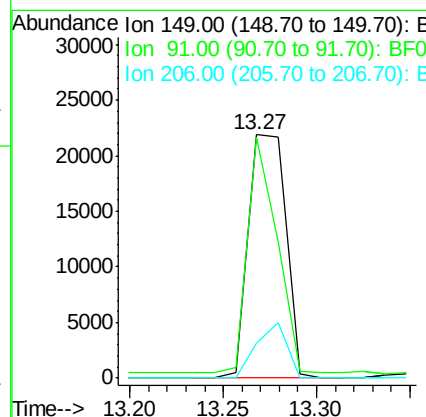
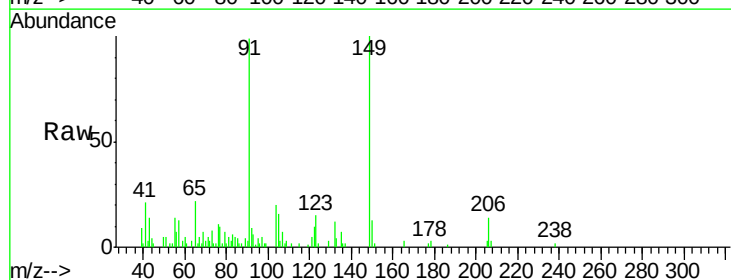
Instrument :
 BNA_F
 ClientSampleID :

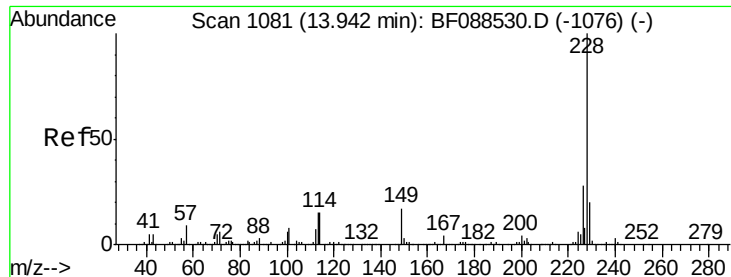
Tot Ion:244 Resp: 88245
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 6.8 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 5.51 ng
 RT: 13.27 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:149 Resp: 30475
 Ion Ratio Lower Upper
 149 100
 91 99.1 48.0 72.0#
 206 14.1 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 5.78 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

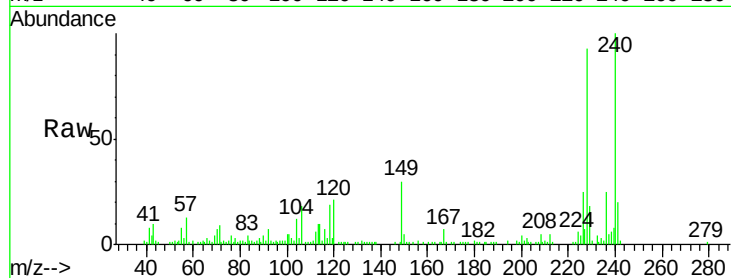
Tot Ion:228 Resp: 54434

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

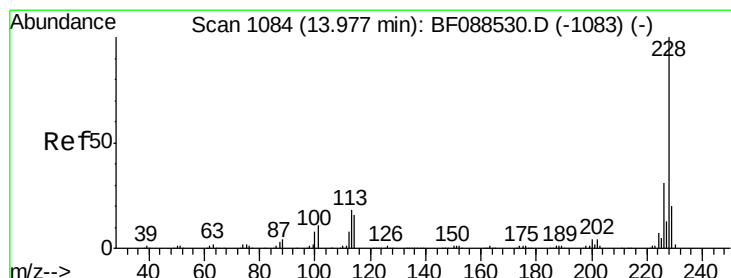
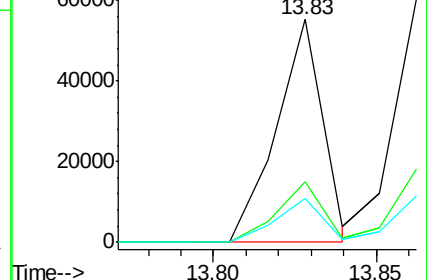
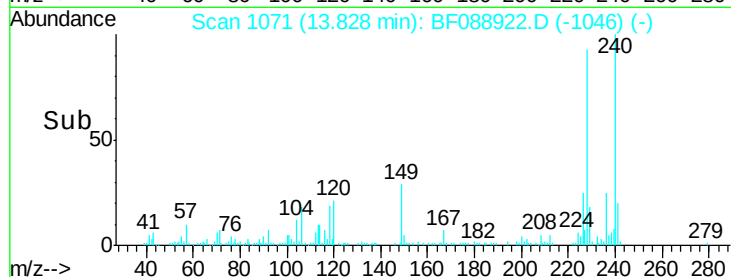
229 19.8 16.0 24.0



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



#82

Chrysene

Concen: 5.61 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

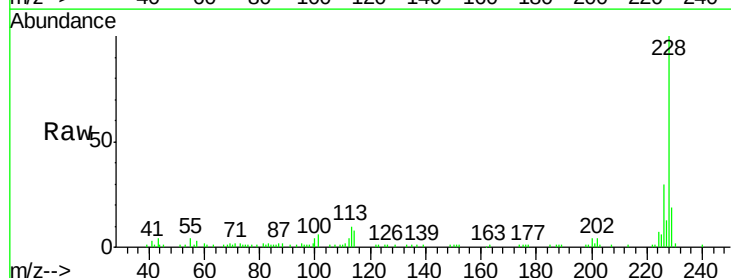
Tgt Ion:228 Resp: 52278

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

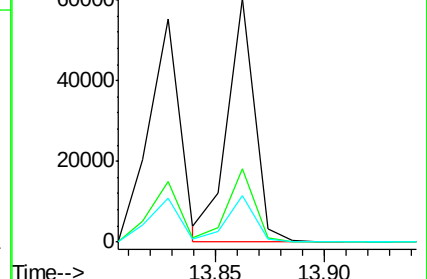
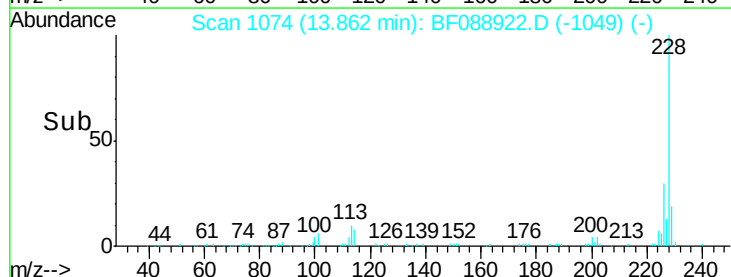
229 19.3 16.3 24.5

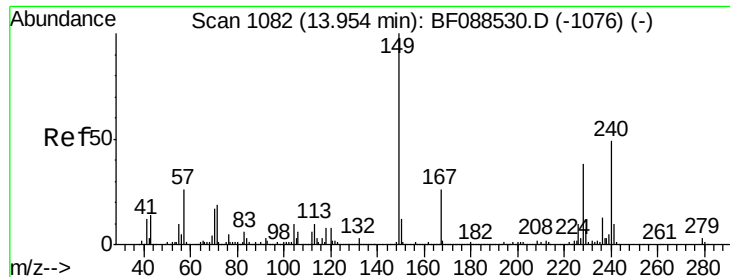


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.52 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

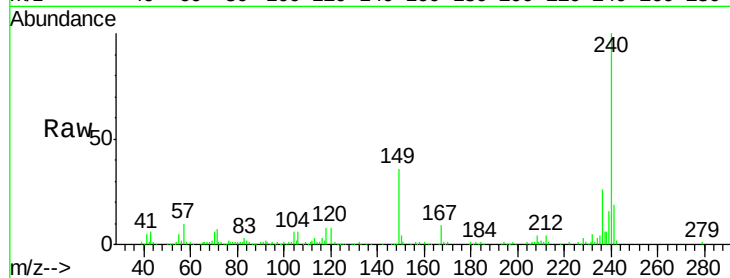
Tot Ion:149 Resp: 53806

Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

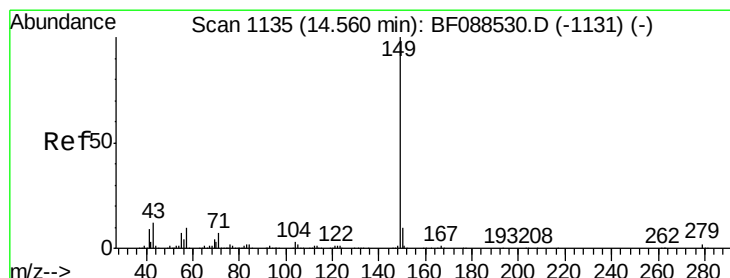
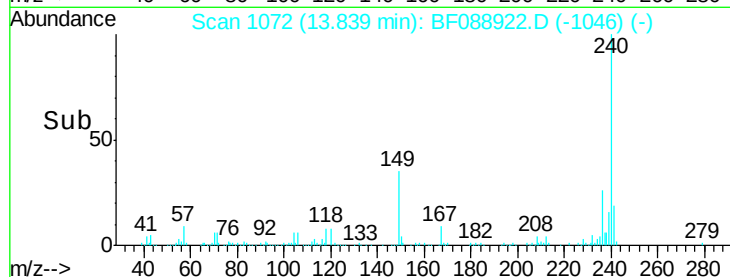
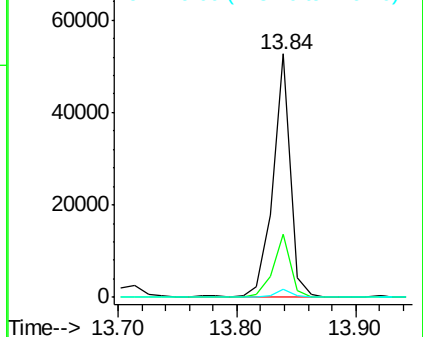
279 3.1 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.36 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

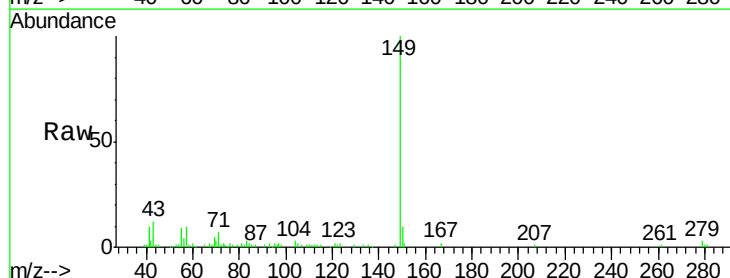
Tgt Ion:149 Resp: 57499

Ion Ratio Lower Upper

149 100

167 2.7 0.0 0.0#

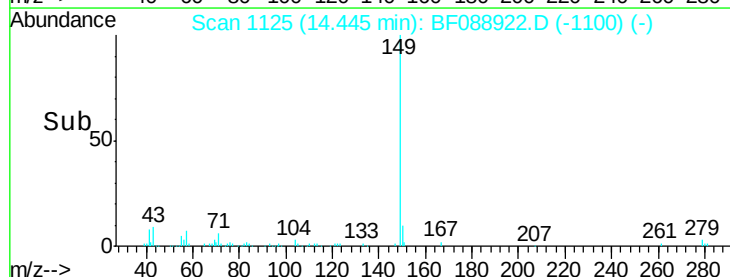
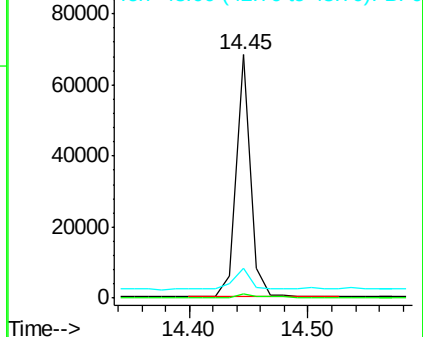
43 11.5 0.0 0.0#

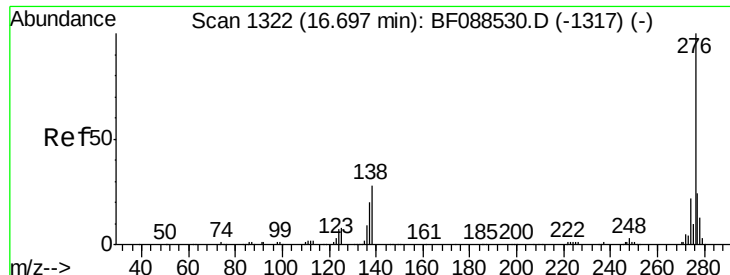


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

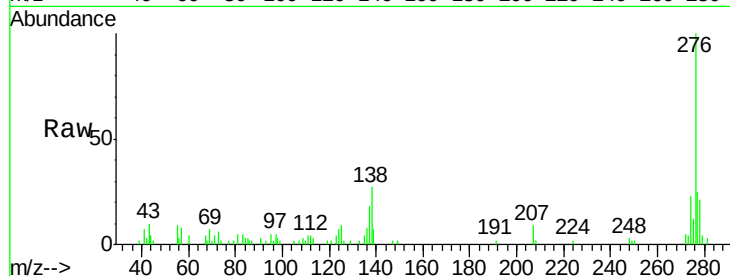




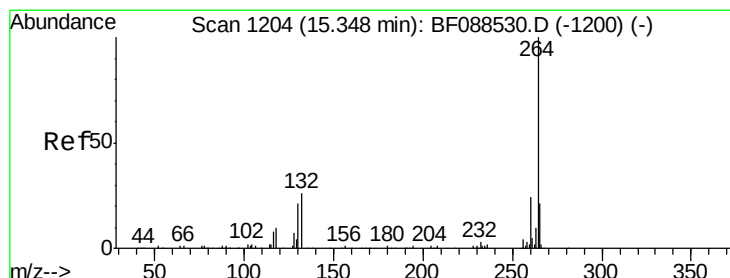
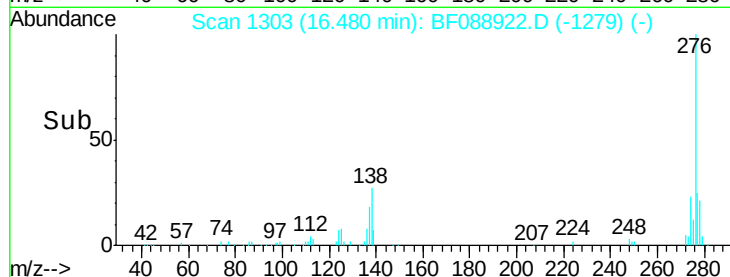
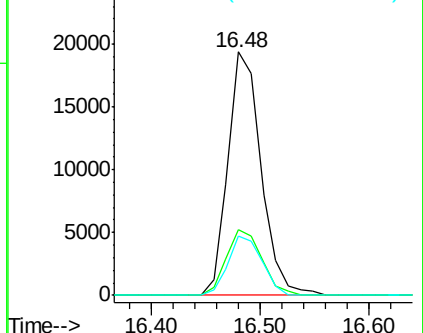
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.67 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 40670
 Ion Ratio Lower Upper
 276 100
 138 29.0 0.0 0.0#
 277 24.8 0.0 0.0#

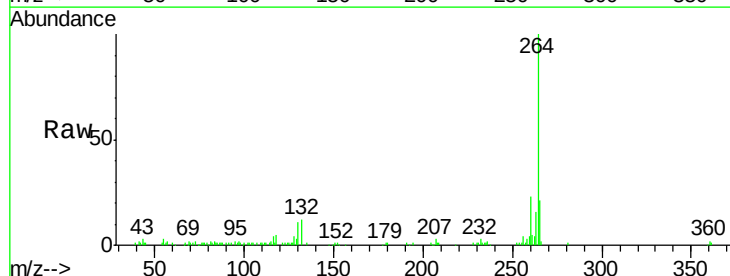


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

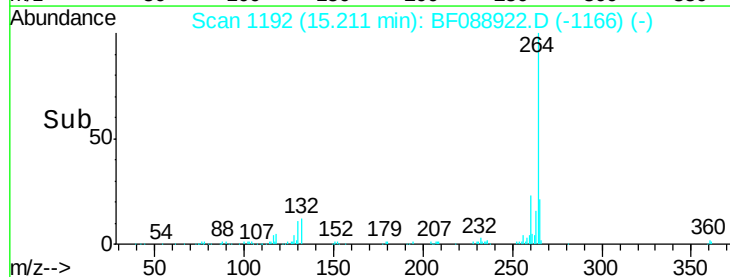
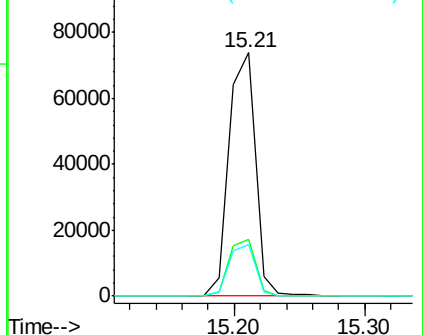


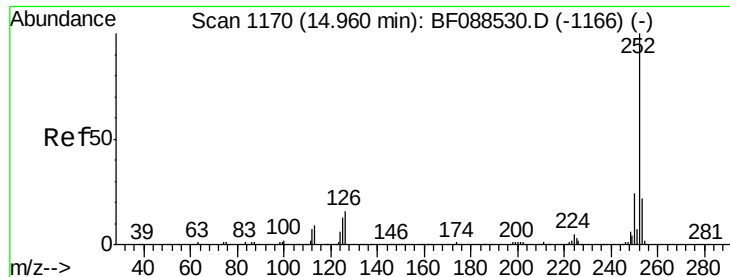
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Tgt Ion:264 Resp: 103604
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

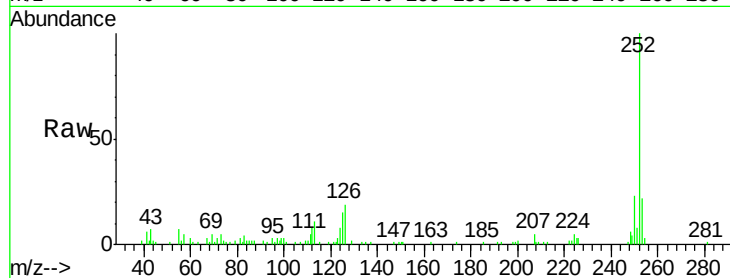




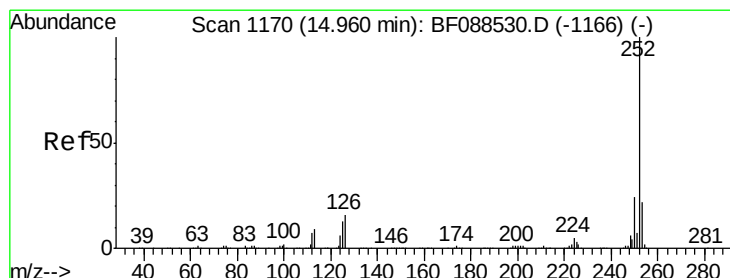
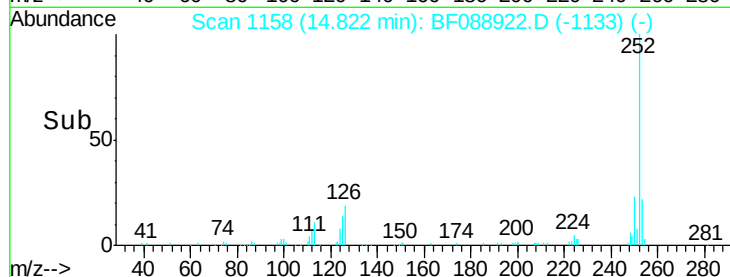
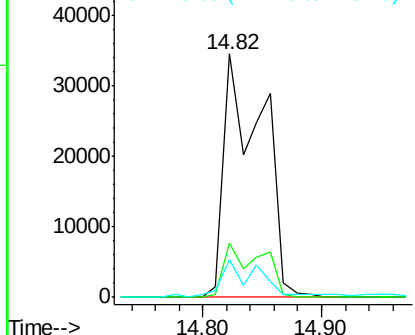
#87
Benzo(b)fluoranthene
Concen: 11.92 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 77452
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 15.4 7.1 10.7#

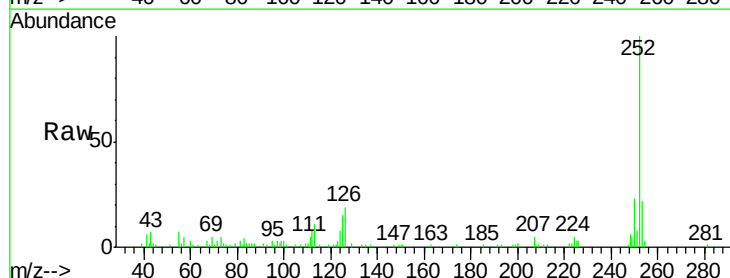


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

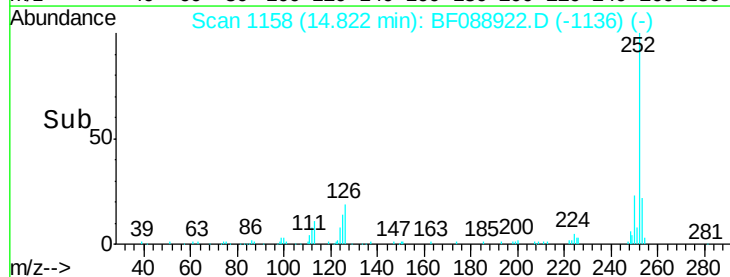
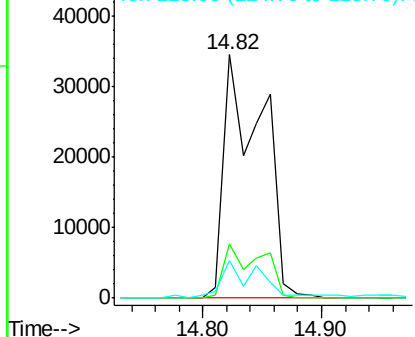


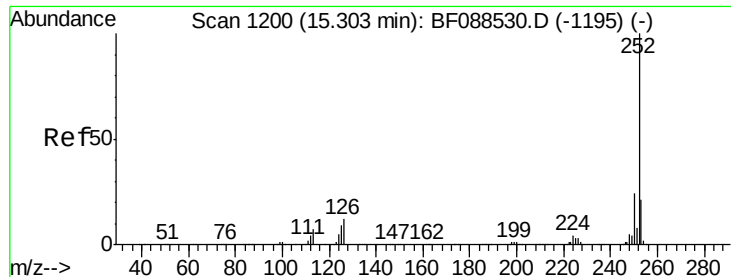
#88
Benzo(k)fluoranthene
Concen: 13.69 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:252 Resp: 77452
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 15.4 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: 6.65 ng

RT: 15.14 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

Instrument :

BNA_F

ClientSampleId :

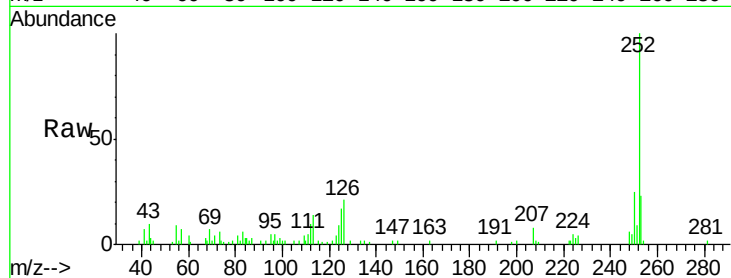
Tot Ion:252 Resp: 36601

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

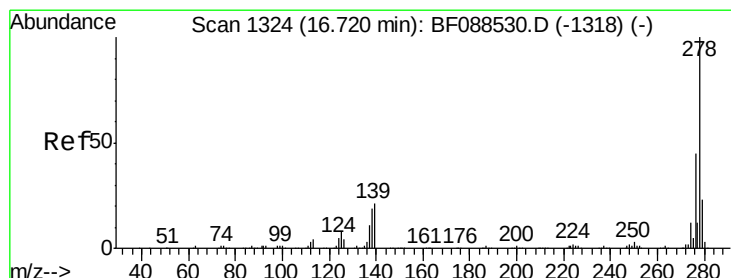
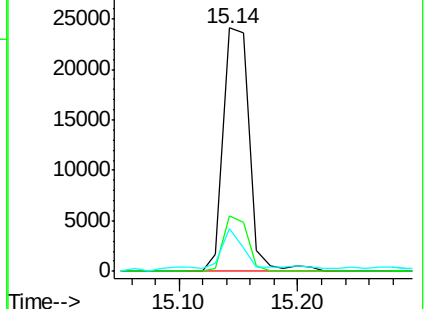
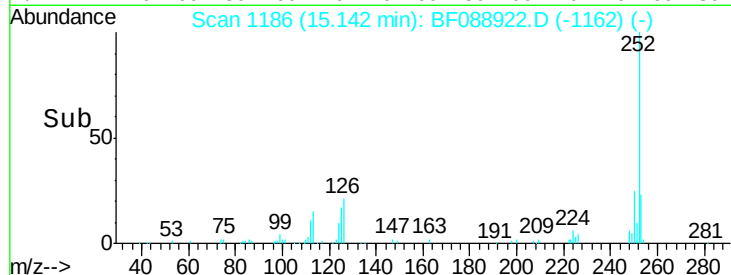
125 17.5 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 7.32 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 13:57

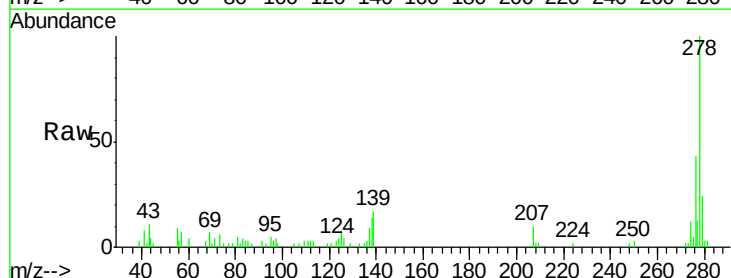
Tgt Ion:278 Resp: 33650

Ion Ratio Lower Upper

278 100

139 16.6 15.7 23.5

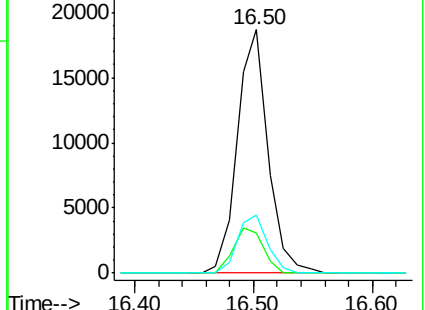
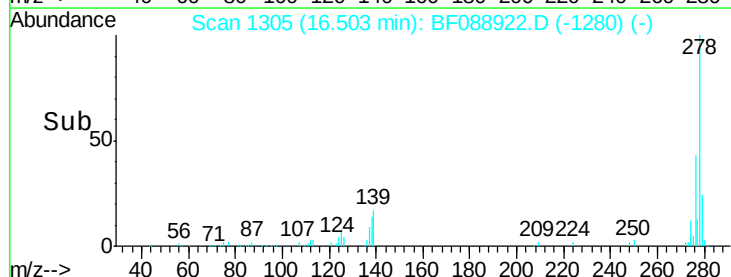
279 23.6 19.4 29.2

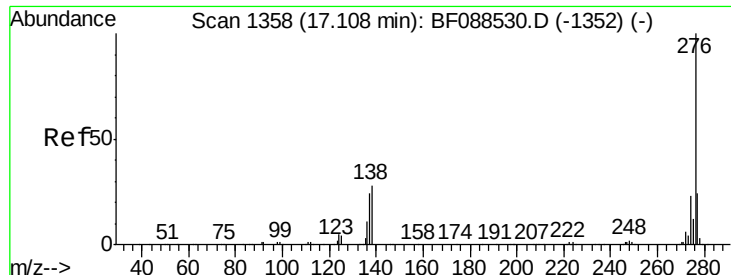


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

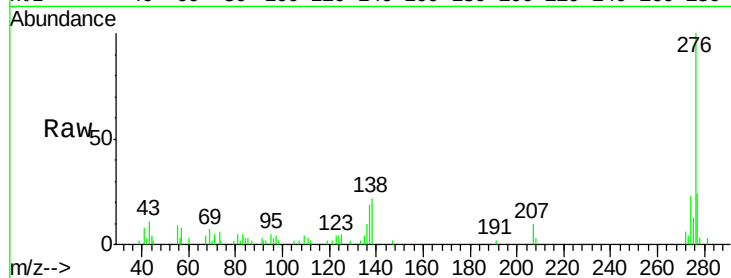




#91
 Benzo(a,h,i)perylene
 Concen: 7.20 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.3	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

