

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088437.D
 Acq On : 27 Jun 2016 5:04
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 08:14:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	361234	20.00	ng	-0.14
21) Naphthalene-d8	7.84	136	458582	20.00	ng	-0.29
38) Acenaphthene-d10	9.59	164	203346	20.00	ng	-0.30
63) Phenanthrene-d10	11.06	188	342136	20.00	ng	-0.30
75) Chrysene-d12	13.69	240	223626	20.00	ng	-0.30
86) Perylene-d12	15.04	264	221240	20.00	ng	-0.35

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	554883	26.26	ng	-0.30
7) Phenol-d6	6.24	99	630334	24.61	ng	-0.24
23) Nitrobenzene-d5	7.14	82	623786	79.43	ng	-0.27
41) 2,4,6-Tribromophenol	10.38	330	131555	61.27	ng	-0.30
44) 2-Fluorobiphenyl	8.92	172	1072555	82.71	ng	-0.29
78) Terphenyl-d14	12.64	244	708695	72.11	ng	-0.31

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.31	93	325765	8.94	ng	# 60
8) 2-Chlorophenol	6.34	128	316756	12.66	ng	93
9) Benzaldehyde	6.10	77	200969	9.58	ng	99
10) Phenol	6.25	94	394830	13.17	ng	97
11) bis(2-Chloroethyl)ether	6.31	93	325890	14.51	ng	# 83
12) 1,3-Dichlorobenzene	6.72	146	281073	10.47	ng	96
13) 1,4-Dichlorobenzene	6.72	146	281949	10.43	ng	94
14) 1,2-Dichlorobenzene	6.72	146	280413	11.41	ng	# 90
15) Benzyl Alcohol	6.73	79	234669	11.71	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	279019	9.20	ng	# 14
17) 2-Methylphenol	6.86	107	241869	11.92	ng	94
18) Hexachloroethane	7.06	117	119579	12.47	ng	91
19) n-Nitroso-di-n-propylamine	6.99	70	197143	12.03	ng	89
20) 3+4-Methylphenols	7.02	107	317880	13.43	ng	# 75
22) Acetophenone	6.98	105	429152	41.88	ng	# 96
24) Nitrobenzene	7.15	77	281806	37.05	ng	90
25) Isophorone	7.40	82	569715	39.17	ng	96
26) 2-Nitrophenol	7.47	139	176647	43.35	ng	# 73
27) 2,4-Dimethylphenol	7.53	122	273117	36.40	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	343122	38.03	ng	# 97
29) 2,4-Dichlorophenol	7.72	162	247048	39.44	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	263358	38.61	ng	98
31) Naphthalene	7.86	128	814223	35.88	ng	100
32) Benzoic acid	7.72	122	146131	35.37	ng	97
33) 4-Chloroaniline	7.94	127	376678	37.17	ng	# 94
34) Hexachlorobutadiene	7.98	225	130523	36.28	ng	98
35) Caprolactam	8.33	113	54216	26.13	ng	# 83
36) 4-Chloro-3-methylphenol	8.43	107	255141	38.08	ng	96
37) 2-Methylnaphthalene	8.55	142	546140	36.51	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	222552	40.73	ng	# 1
40) Hexachlorocyclopentadiene	8.71	237	41305	12.59	ng	96
42) 2,4,6-Trichlorophenol	8.84	196	148813	36.60	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	149967	35.45	ng	99
45) 1,1'-Biphenyl	9.02	154	612722	39.37	ng	98

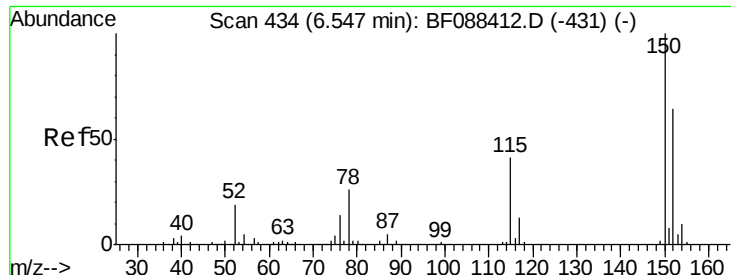
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.04	162	492904	37.46	nq	99
47) 2-Nitroaniline	9.15	65	148108	38.16	nq	# 84
48) Acenaphthylene	9.45	152	815580	38.97	nq	99
49) Dimethylphthalate	9.34	163	627728	42.62	nq	99
50) 2,6-Dinitrotoluene	9.40	165	144396	42.80	nq	89
51) Acenaphthene	9.62	154	473821	36.29	nq	98
52) 3-Nitroaniline	9.58	138	151336	38.88	nq	# 73
53) 2,4-Dinitrophenol	9.69	184	56955	36.72	nq	# 84
54) Dibenzofuran	9.79	168	696316	38.72	nq	# 88
55) 4-Nitrophenol	9.79	139	400203	132.46	nq	# 10
56) 2,4-Dinitrotoluene	9.80	165	163810	37.79	nq	# 71
57) Fluorene	10.14	166	524801	42.97	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.88	232	94115	28.31	nq	# 58
59) Diethylphthalate	10.02	149	592339	39.73	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	201721	33.73	nq	91
61) 4-Nitroaniline	10.19	138	147957	40.07	nq	97
62) Azobenzene	10.28	77	521281	35.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	67015	32.12	nq	89
65) n-Nitrosodiphenylamine	10.25	169	460647	40.58	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	151801	41.36	nq	95
67) Hexachlorobenzene	10.67	284	142084	37.26	nq	96
68) Atrazine	10.79	200	121818	35.44	nq	91
69) Pentachlorophenol	10.88	266	86276	42.92	nq	97
70) Phenanthrene	11.08	178	654531	36.46	nq	99
71) Anthracene	11.14	178	772581	42.66	nq	98
72) Carbazole	11.30	167	667056	39.36	nq	100
73) Di-n-butylphthalate	11.63	149	836055	38.97	nq	99
74) Fluoranthene	12.26	202	619283	32.69	nq	100
76) Benzidine	12.40	184	263347	42.53	nq	98
77) Pyrene	12.49	202	649590	39.14	nq	99
79) Butylbenzylphthalate	13.12	149	342922	46.74	nq	97
80) Benzo(a)anthracene	13.67	228	467747	36.70	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	164537	48.01	nq	# 97
82) Chrysene	13.71	228	524797	43.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	398135	44.58	nq	# 98
84) Di-n-octyl phthalate	14.29	149	717409	49.43	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.27	276	460320	41.33	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	1015886	65.88	nq	# 95
88) Benzo(k)fluoranthene	14.67	252	1016857	87.42	nq	99
89) Benzo(a)pyrene	14.98	252	489754	39.26	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	395608	34.14	nq	96
91) Benzo(g,h,i)perylene	16.63	276	391196	32.82	nq	99

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

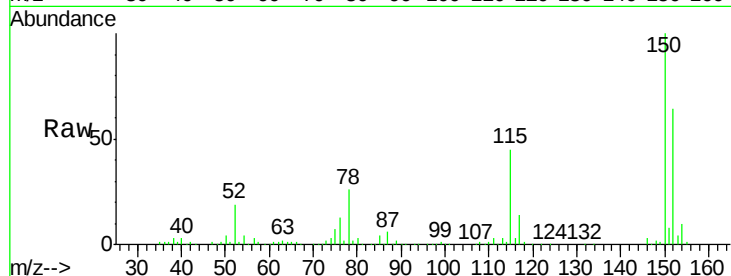


#1

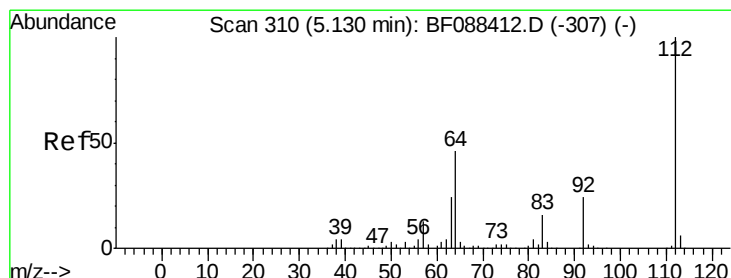
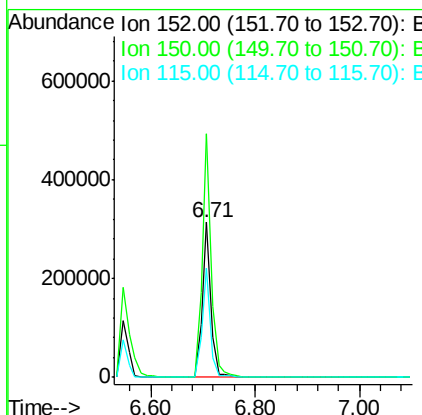
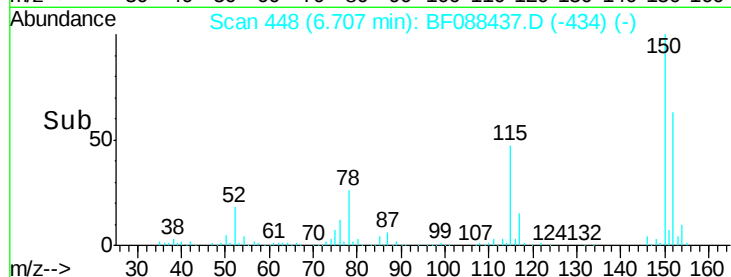
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.14 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	70.8	39.6	59.4



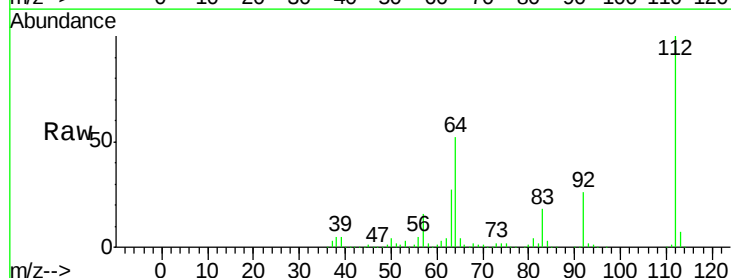
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



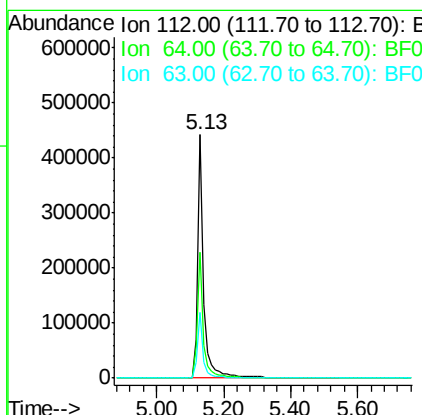
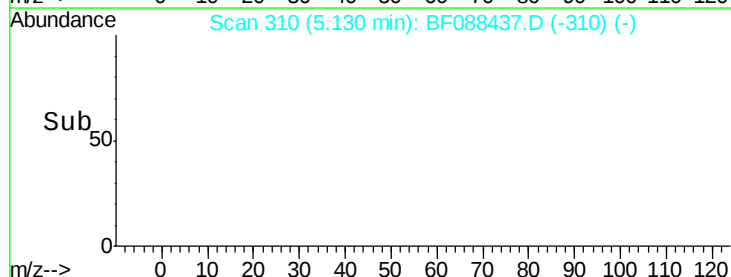
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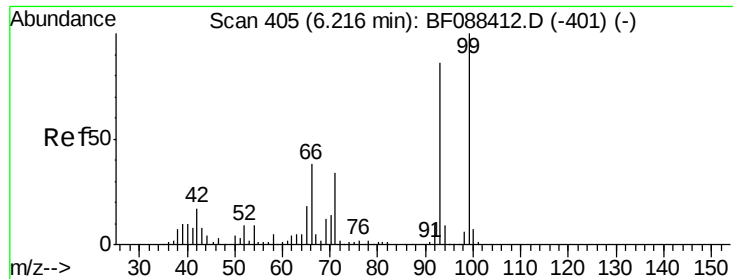
2-Fluorophenol
 Concen: 26.26 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.2	63.2
63	26.8	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: 8.94 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.19 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

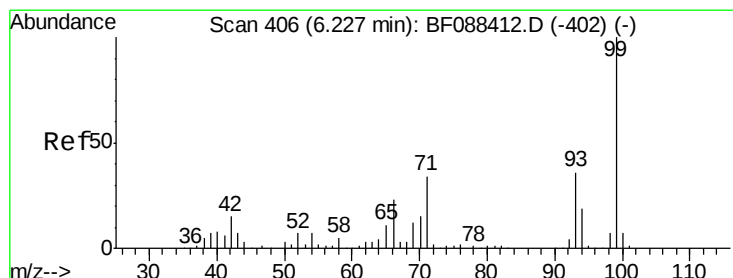
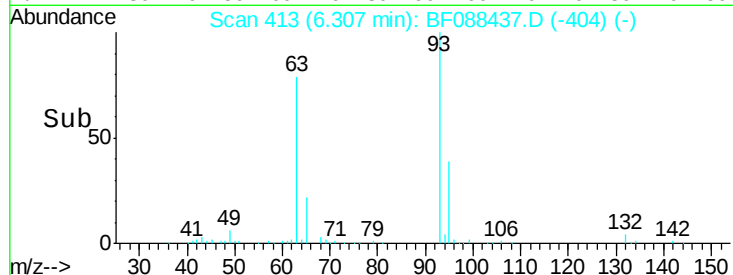
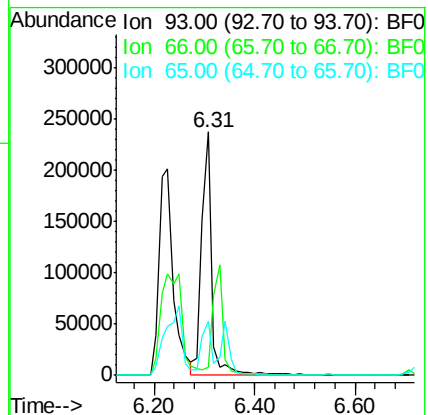
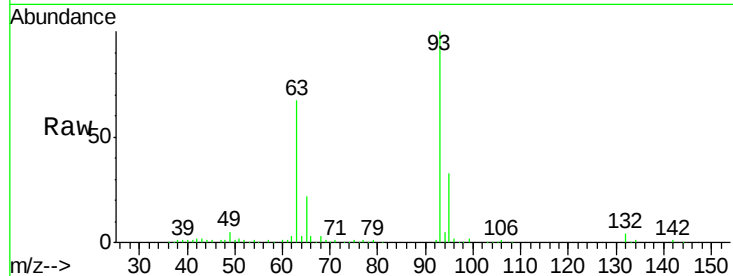
Tot Ion: 93 Resp: 325765

Ion Ratio Lower Upper

93 100

66 3.4 29.8 44.8#

65 22.2 14.9 22.3



#7

Phenol-d6

Concen: 24.61 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

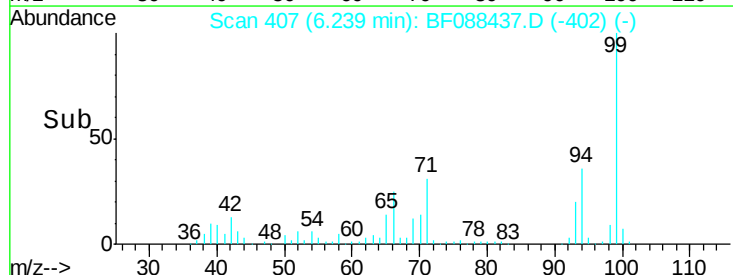
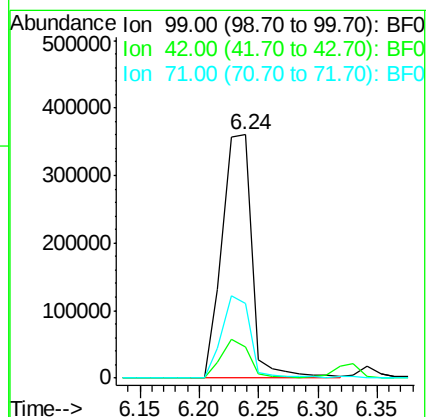
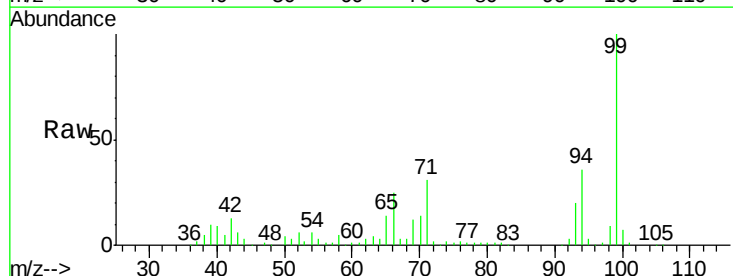
Tgt Ion: 99 Resp: 630334

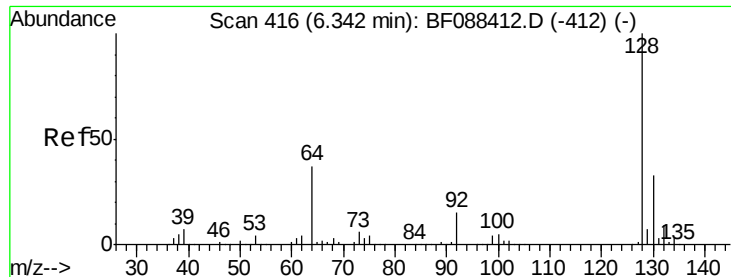
Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

71 30.9 23.4 35.0





#8

2-Chlorophenol

Concen: 12.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

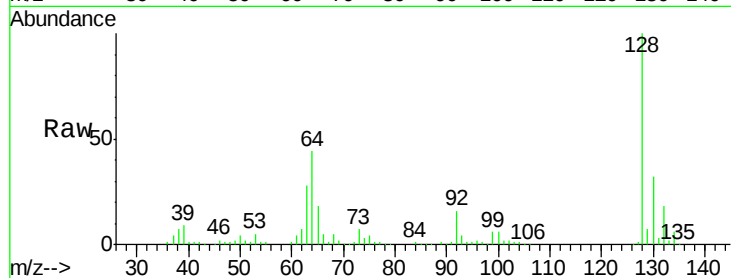
Tot Ion:128 Resp: 316756

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

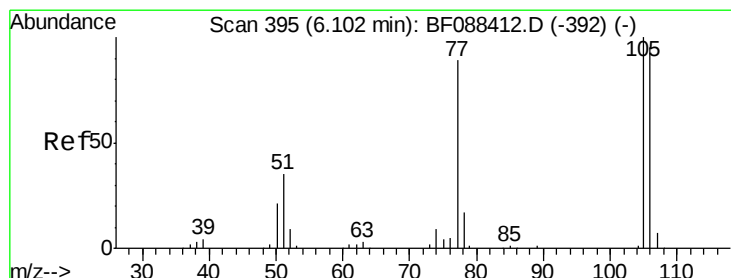
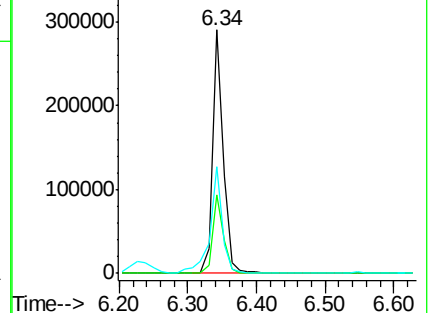
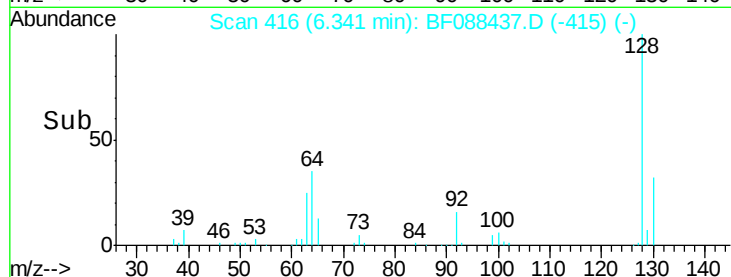
64 43.7 30.8 70.8



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): E



#9

Benzaldehyde

Concen: 9.58 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

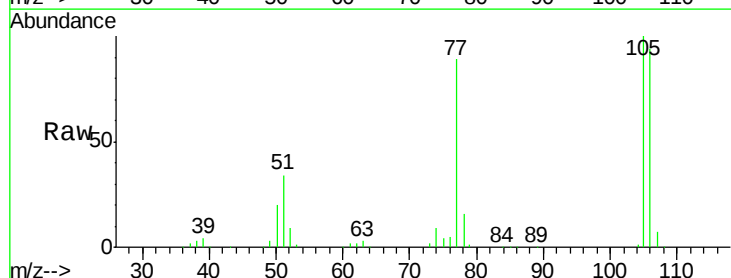
Tgt Ion: 77 Resp: 200969

Ion Ratio Lower Upper

77 100

105 112.1 90.6 130.6

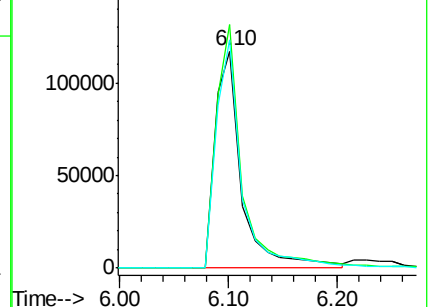
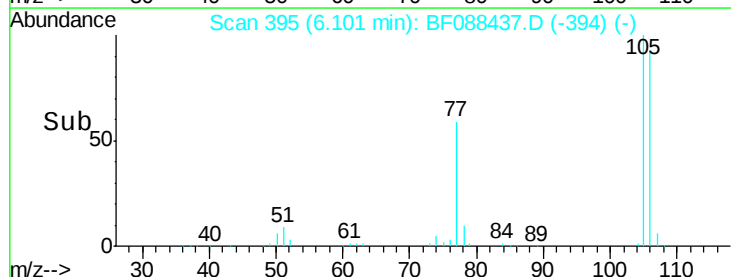
106 105.0 85.3 125.3

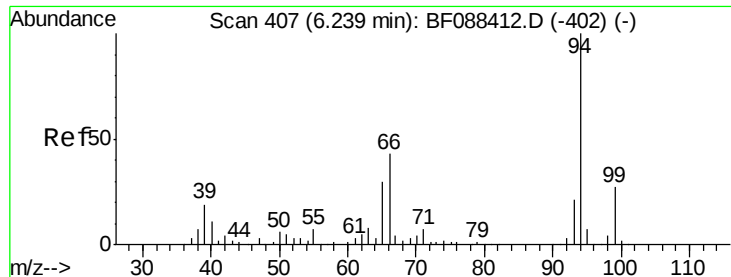


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.17 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

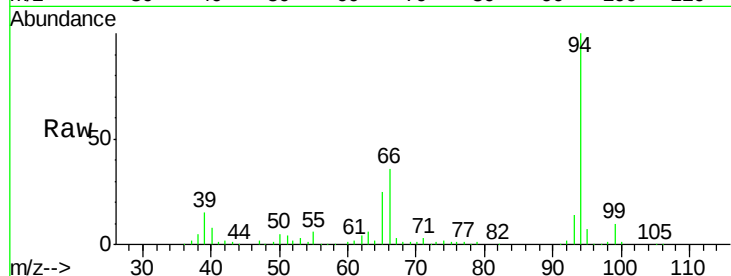
Tot Ion: 94 Resp: 394830

Ion Ratio Lower Upper

94 100

65 25.1 5.9 45.9

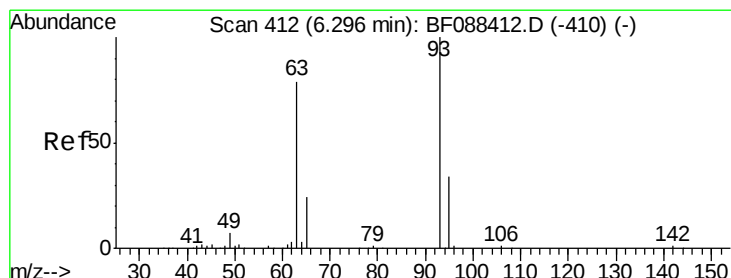
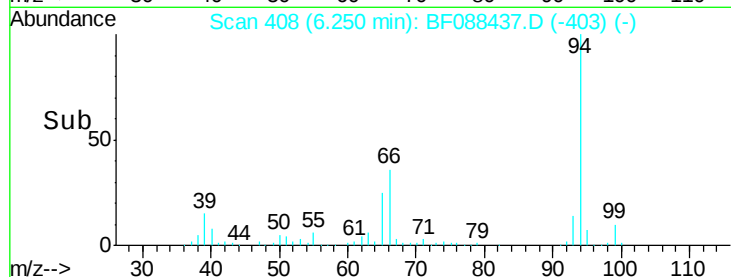
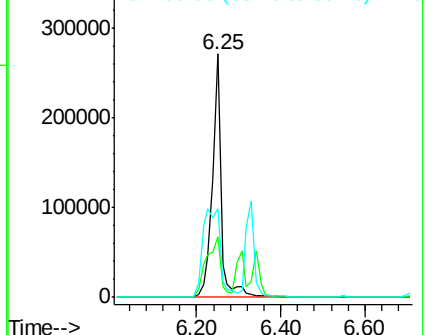
66 36.3 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 14.51 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

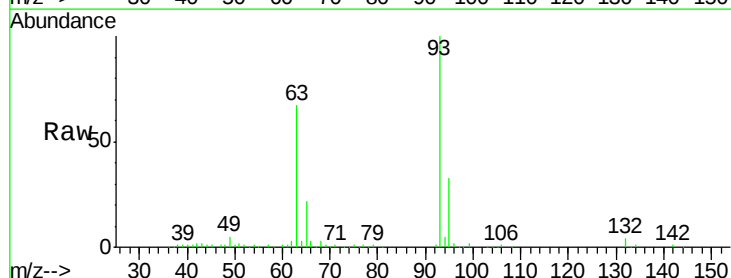
Tgt Ion: 93 Resp: 325890

Ion Ratio Lower Upper

93 100

63 66.7 67.6 107.6#

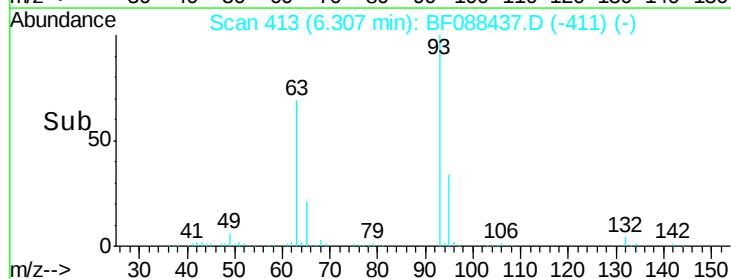
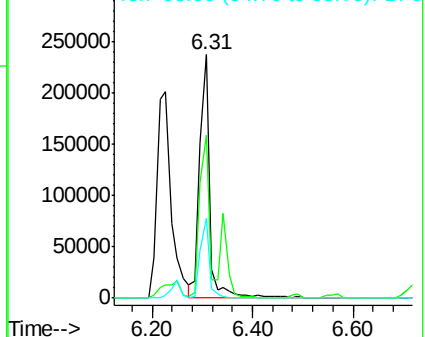
95 32.9 12.5 52.5

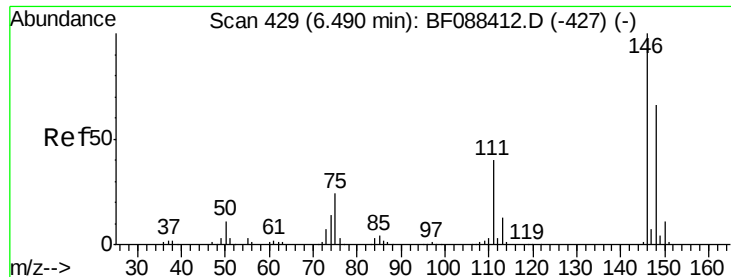


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 10.47 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.07 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampled :

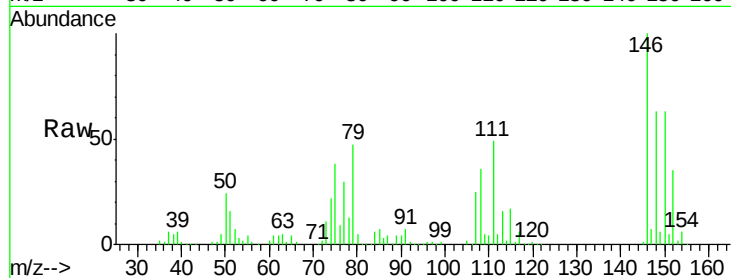
Tot Ion:146 Resp: 281073

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

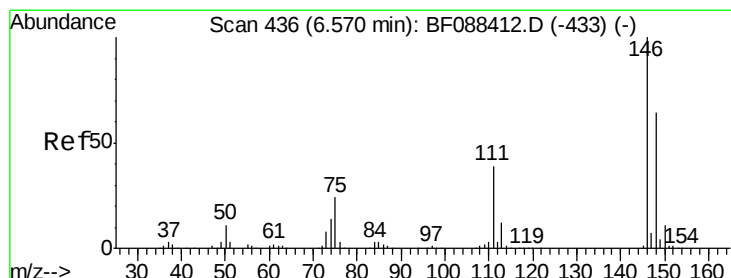
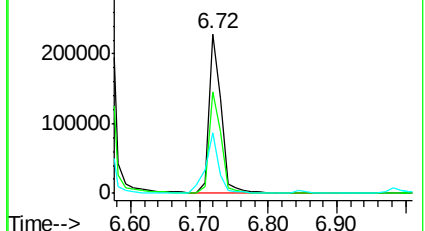
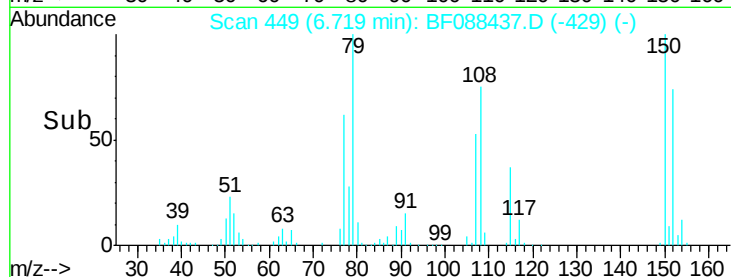
75 38.0 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BFO



#13

1,4-Dichlorobenzene

Concen: 10.43 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.14 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

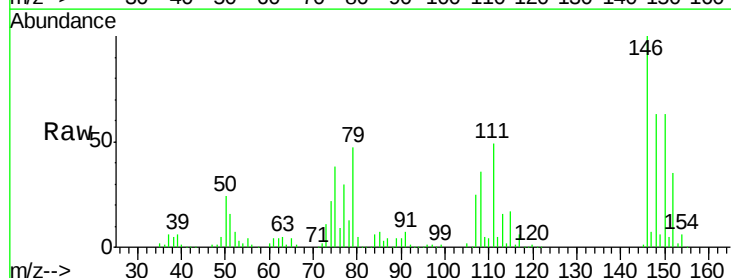
Tgt Ion:146 Resp: 281949

Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

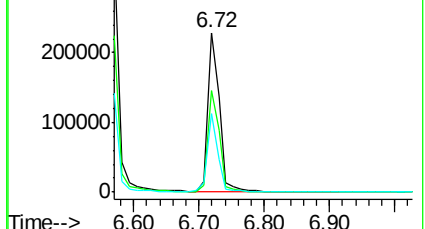
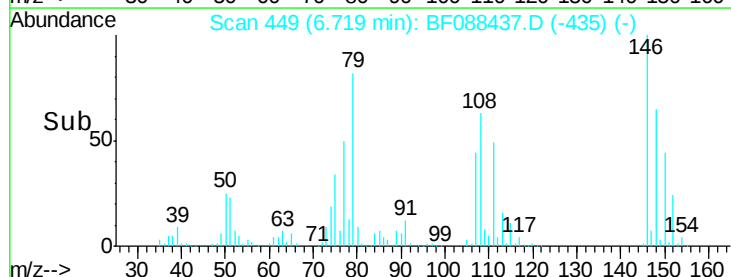
111 49.5 33.8 50.8

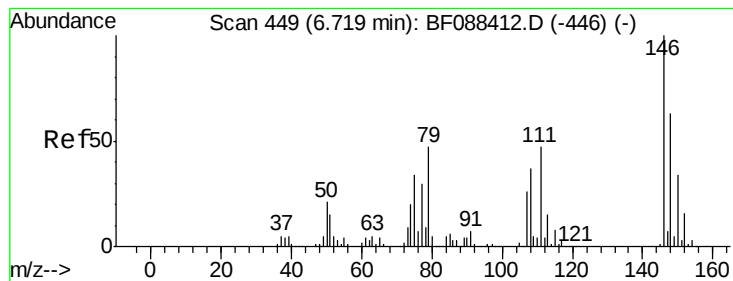


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

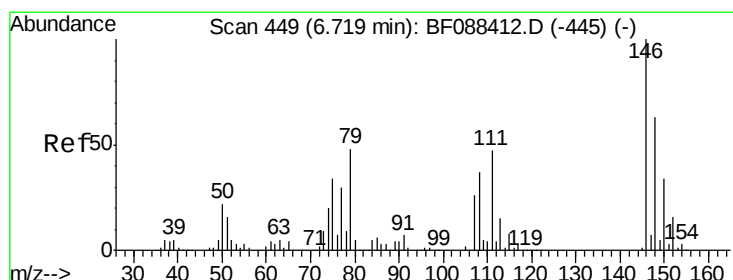
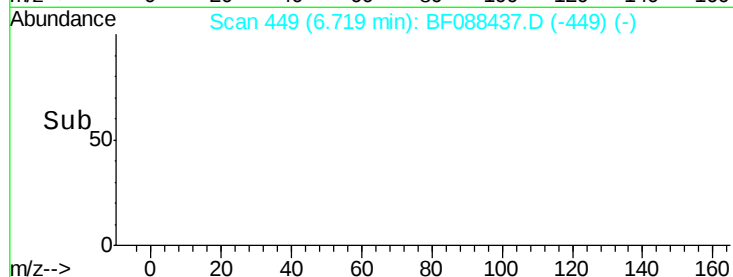
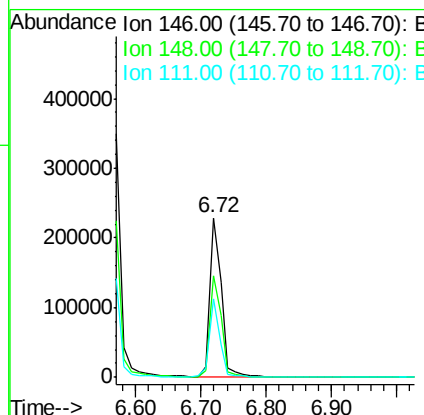
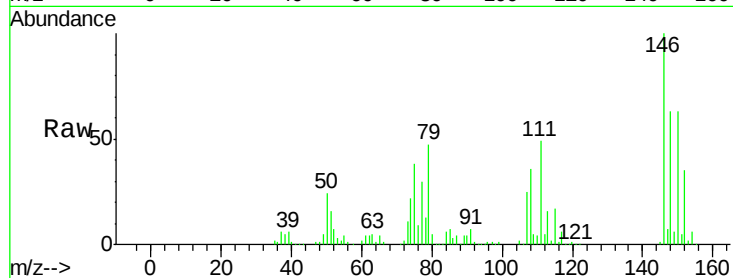




#14
 1,2-Dichlorobenzene
 Concen: 11.41 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

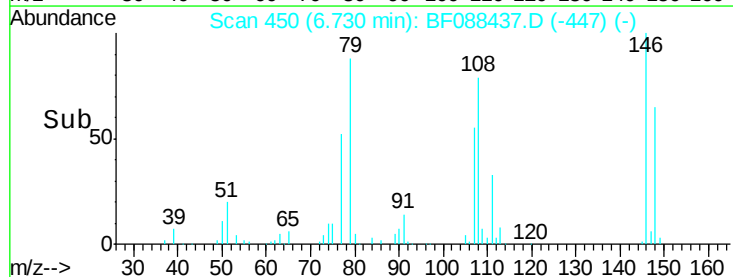
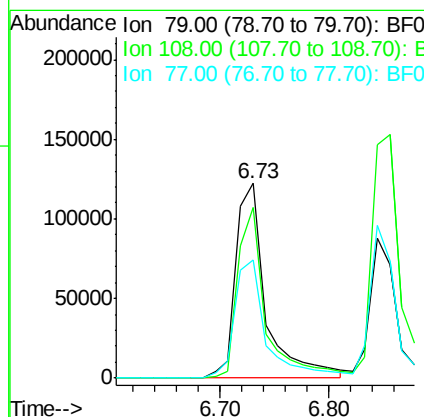
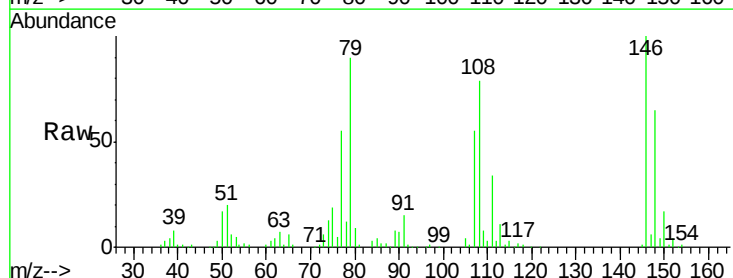
Instrument :
 BNA_G
 ClientSampled :

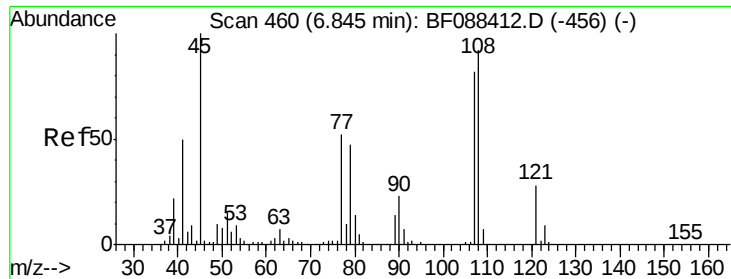
Tot Ion:146 Resp: 280413
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 49.5 28.7 43.1#



#15
 Benzyl Alcohol
 Concen: 11.71 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.26 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion: 79 Resp: 234669
 Ion Ratio Lower Upper
 79 100
 108 87.7 65.0 97.6
 77 60.9 50.3 75.5

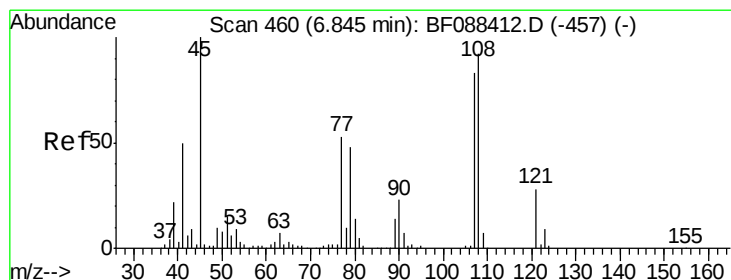
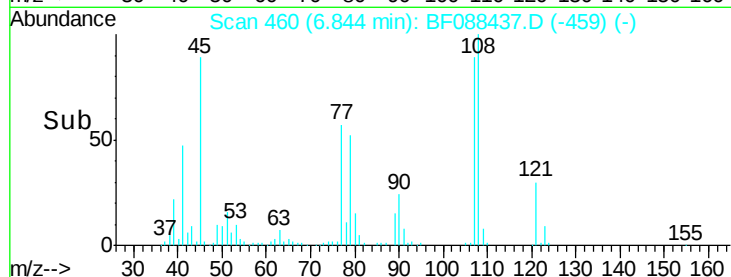
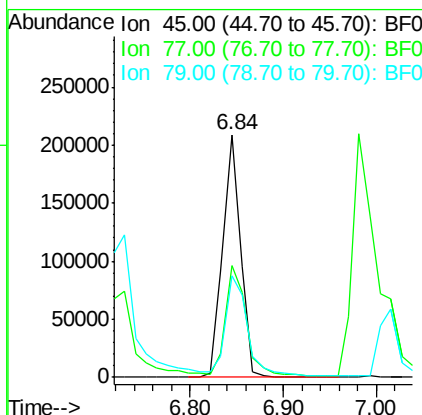
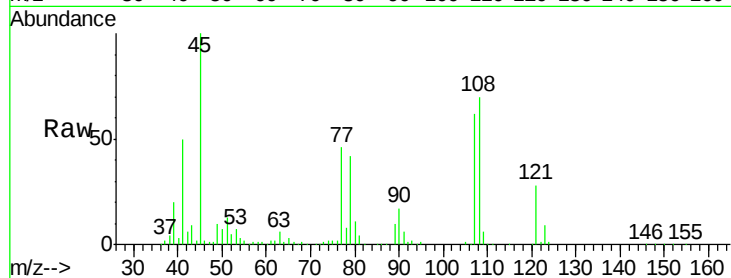




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 9.20 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

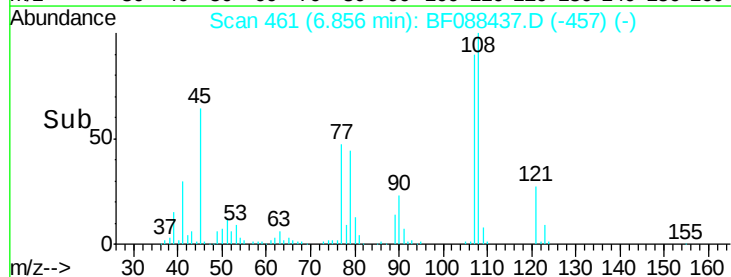
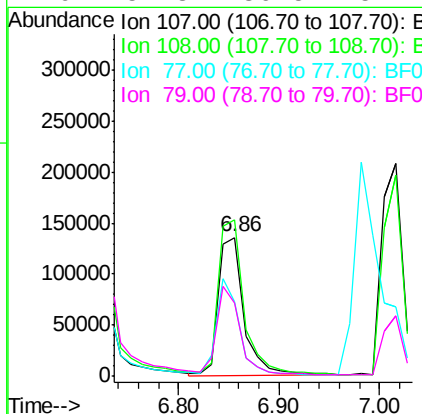
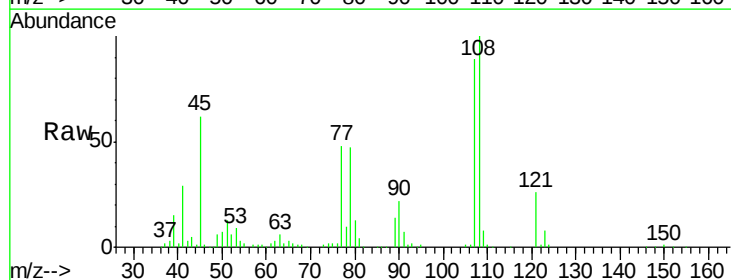
Instrument :
BNA_G
ClientSampled :

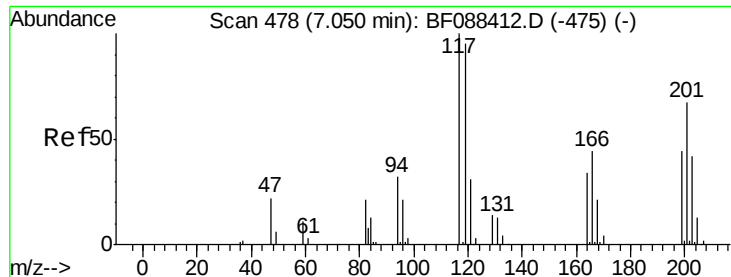
Tot Ion: 45 Resp: 279019
Ion Ratio Lower Upper
45 100
77 45.8 0.0 32.5#
79 41.8 0.0 29.5#



#17
2-Methylphenol
Concen: 11.92 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.25 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:107 Resp: 241869
Ion Ratio Lower Upper
107 100
108 112.4 90.9 136.3
77 53.9 36.6 55.0
79 52.3 36.5 54.7

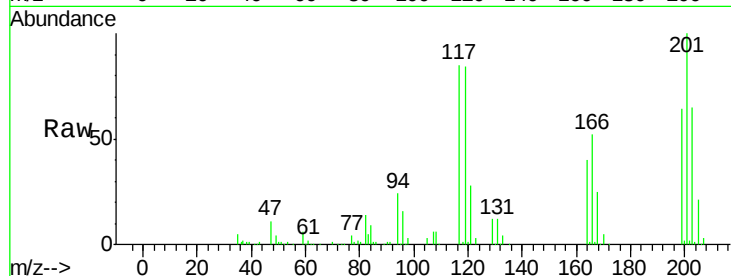




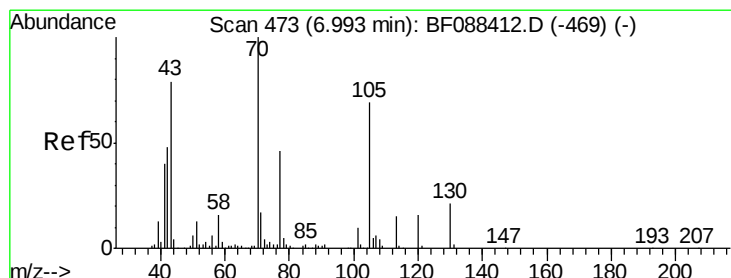
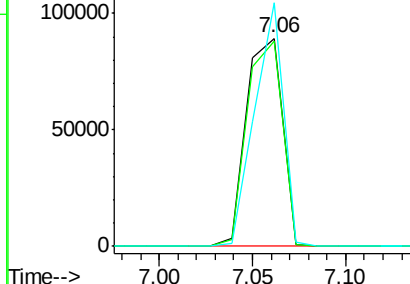
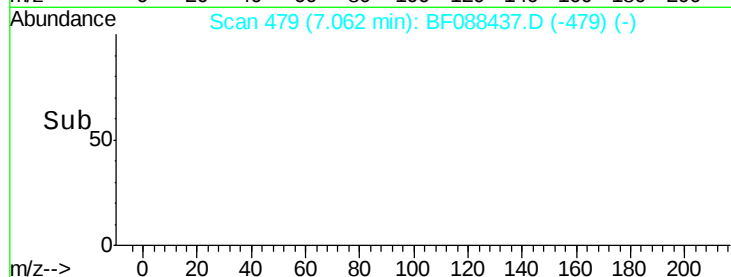
#18
Hexachloroethane
Concen: 12.47 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 119579
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2
201 117.1 80.4 120.6

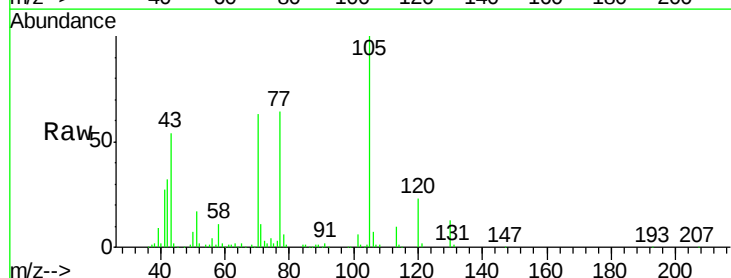


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

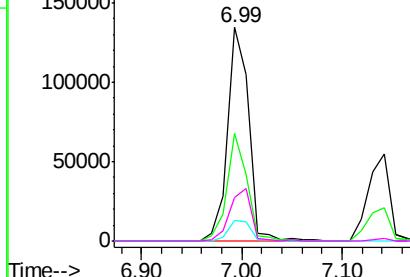
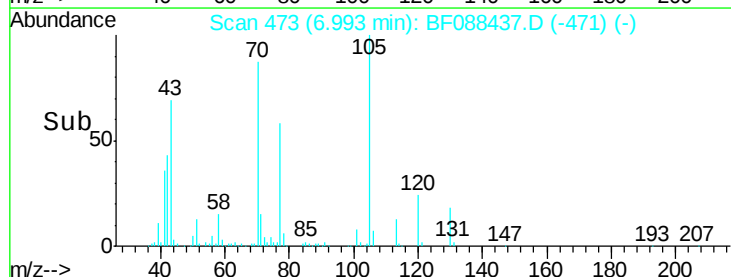


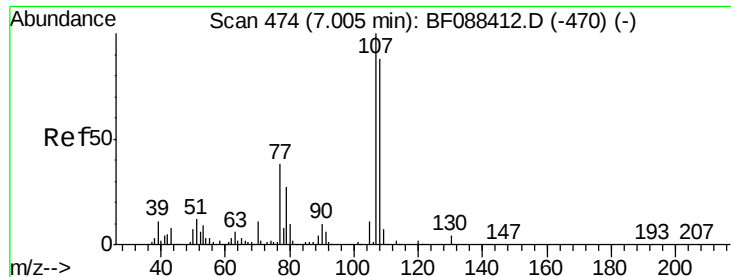
#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 70 Resp: 197143
Ion Ratio Lower Upper
70 100
42 50.4 49.6 74.4
101 9.6 7.1 10.7
130 20.6 15.4 23.2



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





#20

3+4-Methylphenols

Concen: 13.43 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 317880

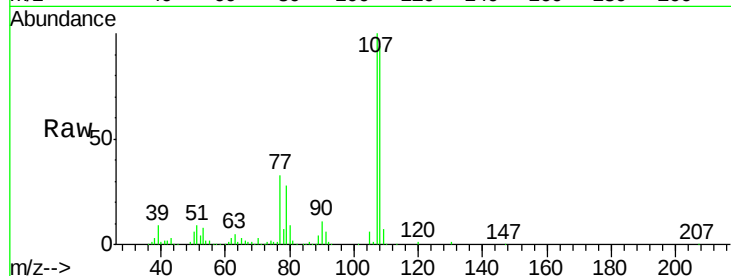
Ion Ratio Lower Upper

107 100

108 94.2 67.8 107.8

77 32.5 59.3 99.3#

79 28.4 7.0 47.0

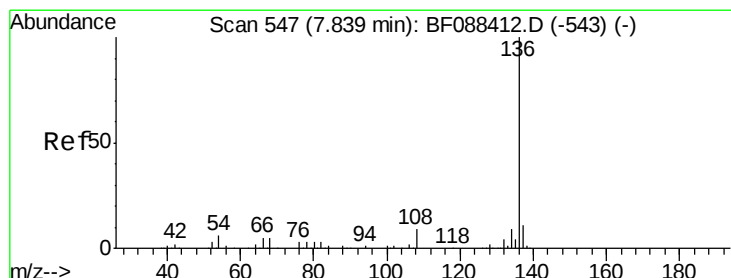
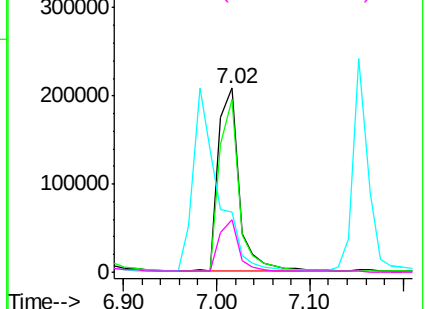
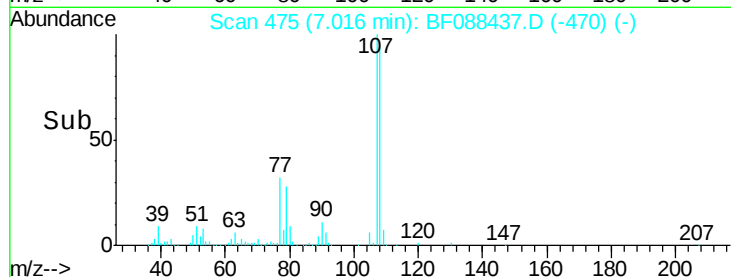


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Tgt Ion:136 Resp: 458582

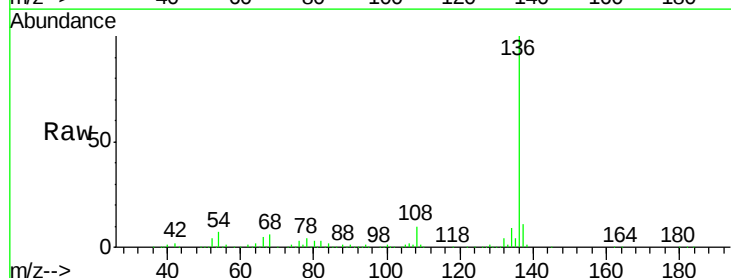
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.8 6.6 10.0

68 5.8 5.1 7.7

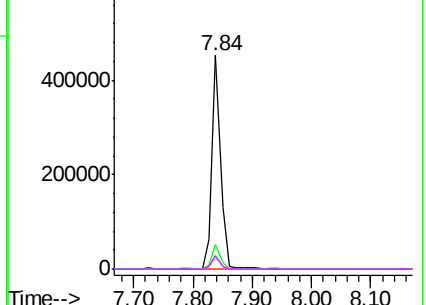
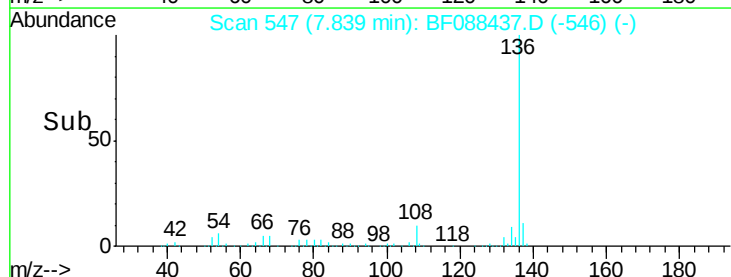


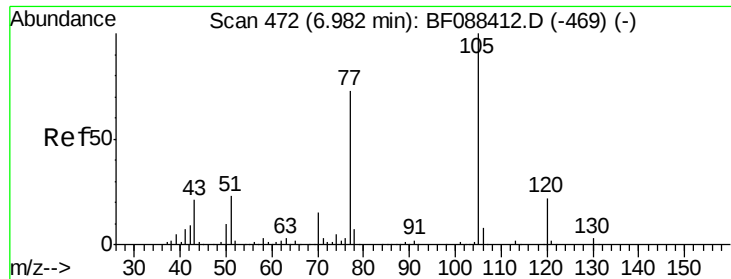
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

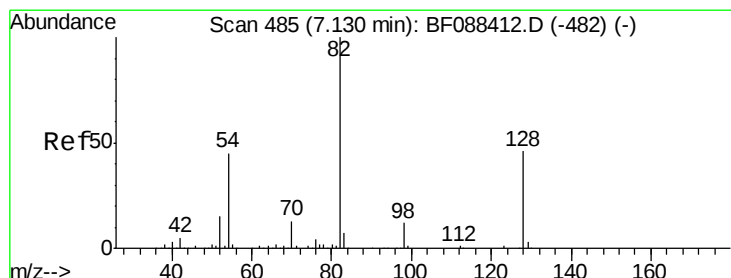
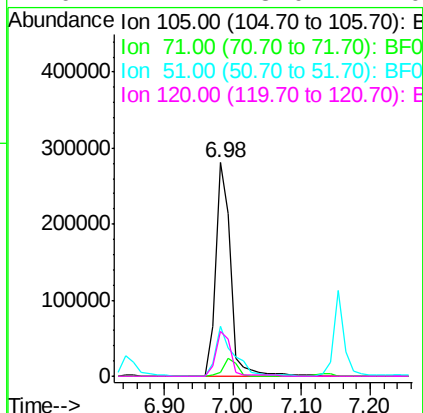
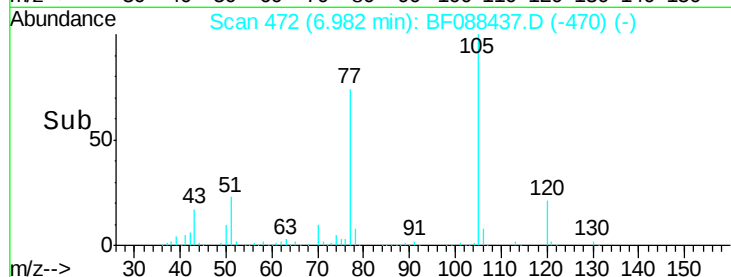
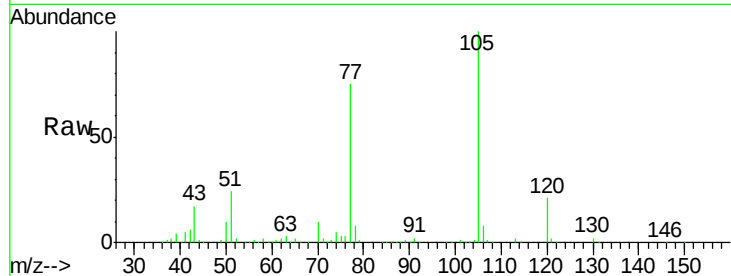




#22
Acetophenone
Concen: 41.88 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

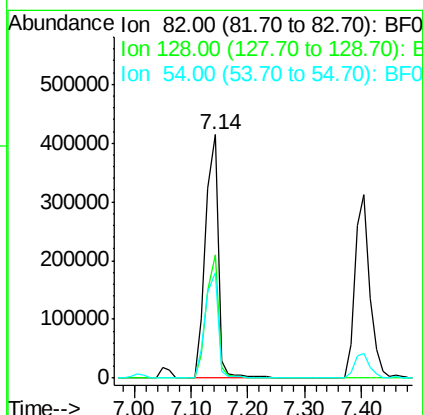
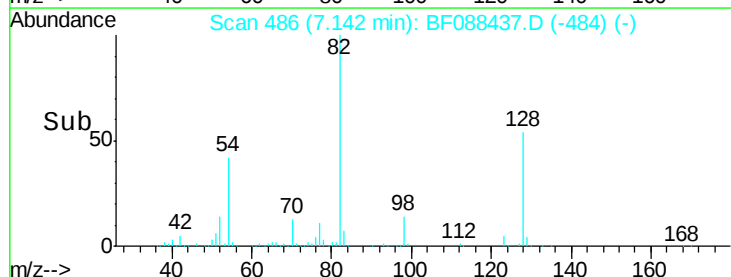
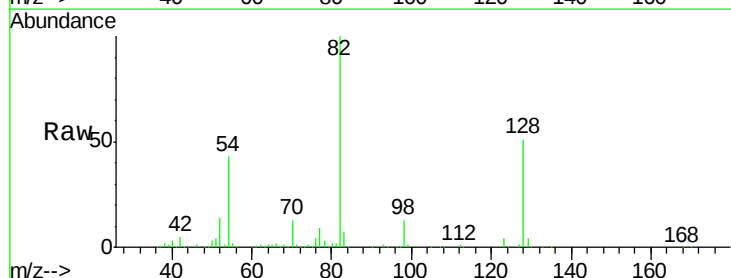
Instrument :
BNA_G
ClientSampleId :

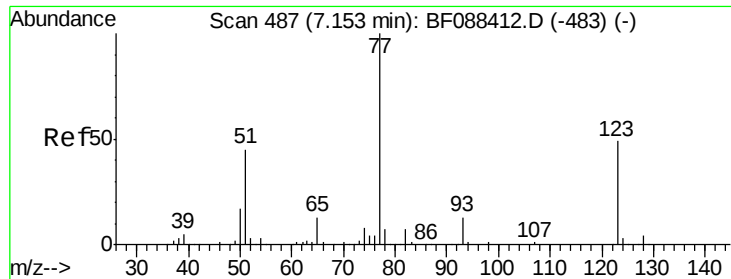
Tot Ion:105 Resp: 429152
Ion Ratio Lower Upper
105 100
71 1.7 5.3 7.9#
51 23.6 18.2 27.4
120 21.1 18.0 27.0



#23
Nitrobenzene-d5
Concen: 79.43 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 82 Resp: 623786
Ion Ratio Lower Upper
82 100
128 50.8 35.9 53.9
54 43.1 40.9 61.3

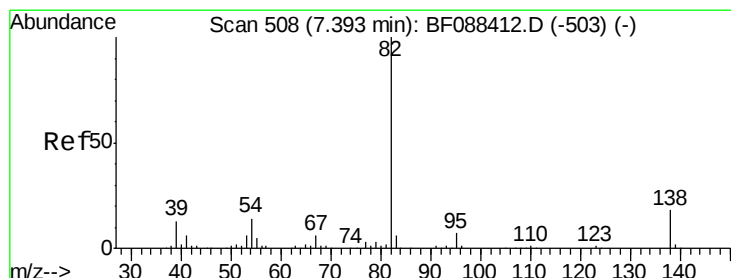
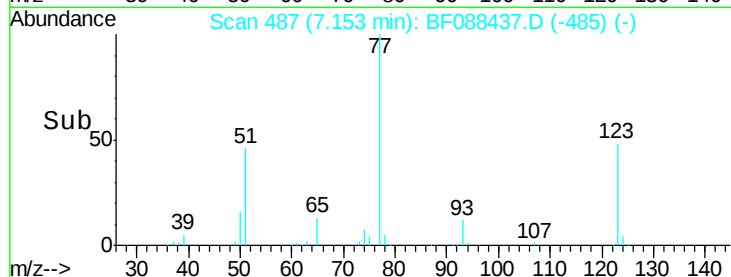
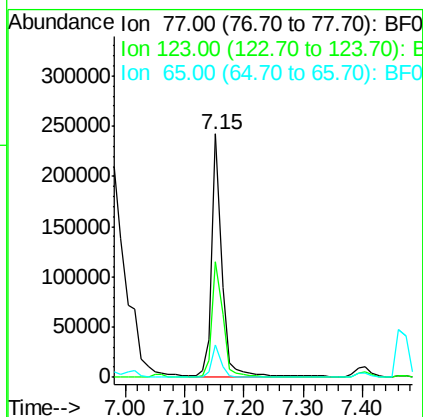
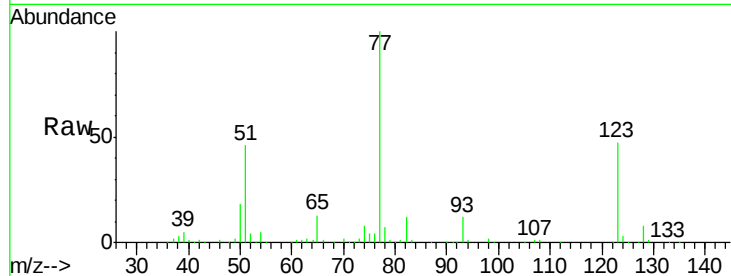




#24
Nitrobenzene
Concen: 37.05 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

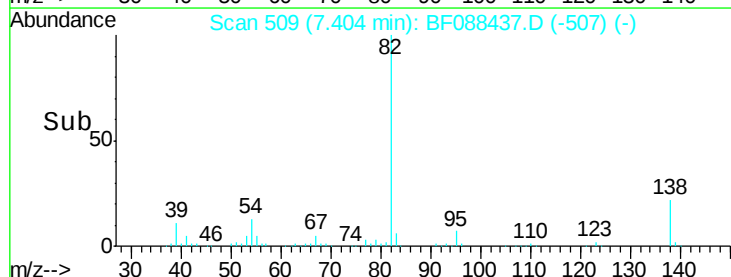
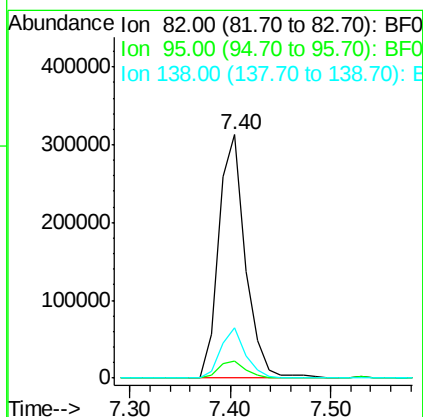
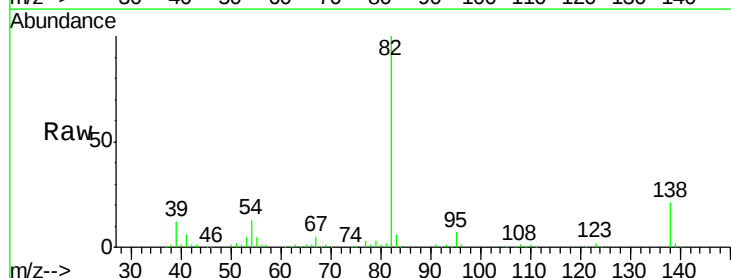
Instrument :
BNA_G
ClientSampleId :

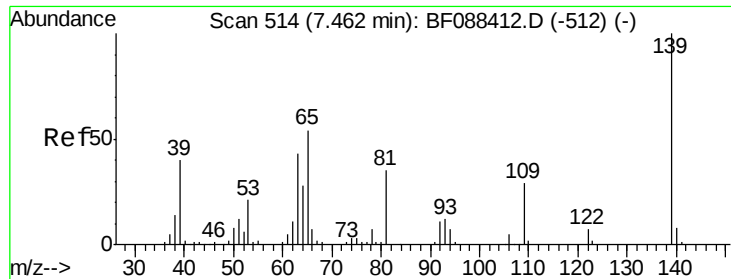
Tot Ion	77	Resp	281806
Ion Ratio	Lower	Upper	
77	100		
123	47.4	45.0	67.4
65	13.1	10.2	15.2



#25
Isophorone
Concen: 39.17 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	82	Resp	569715
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	20.7	14.6	21.8

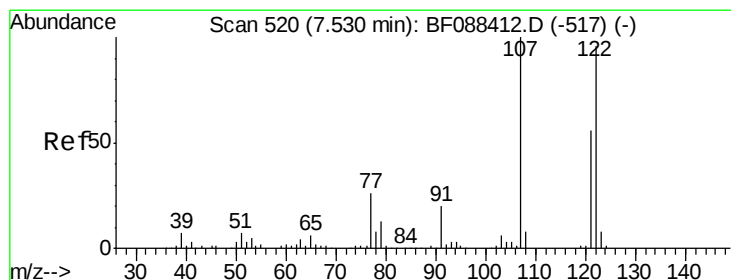
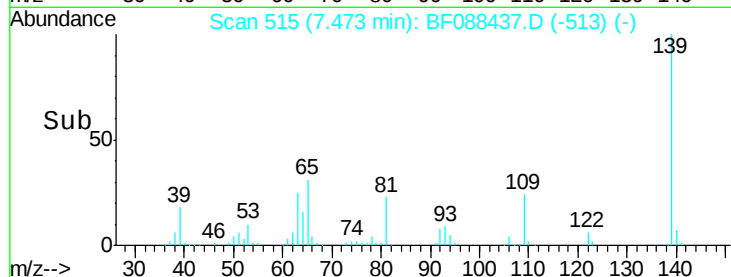
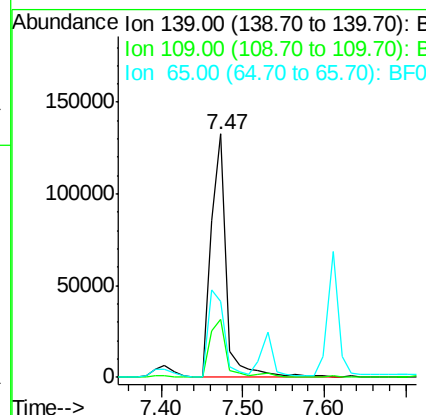
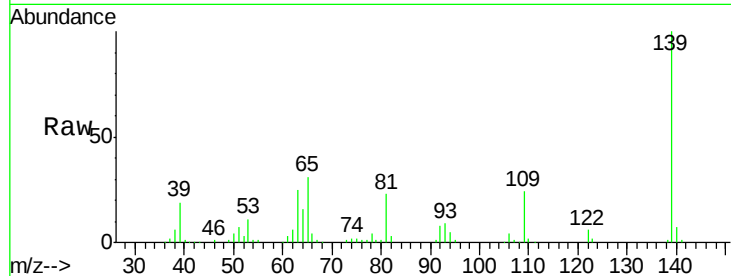




#26
2-Nitrophenol
Concen: 43.35 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

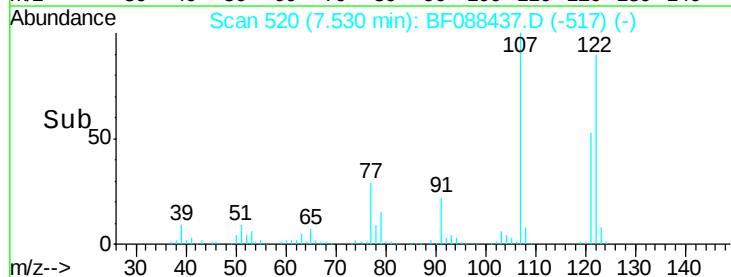
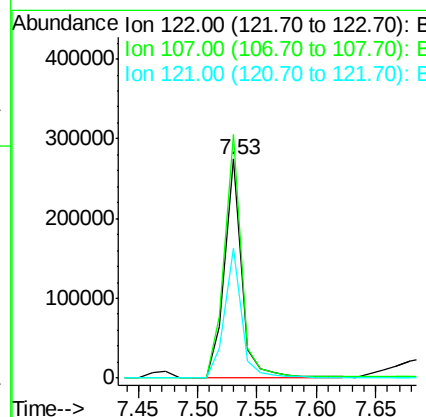
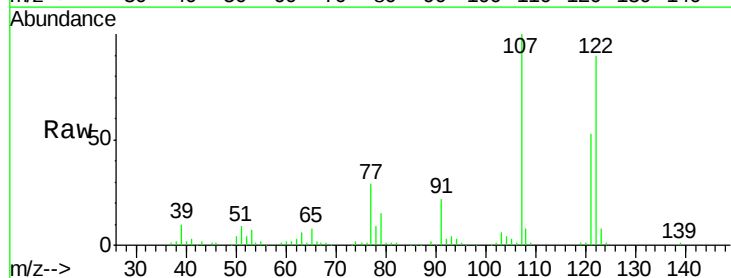
Instrument :
BNA_G
ClientSampleId :

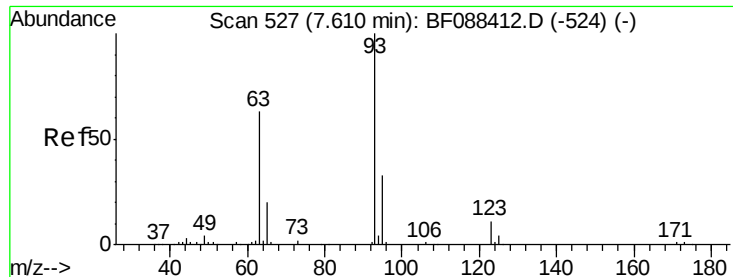
Tot Ion	Ratio	Lower	Upper
139	100		
109	23.9	23.0	34.4
65	31.0	45.8	68.8#



#27
2,4-Dimethylphenol
Concen: 36.40 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.3	82.4	123.6
121	59.4	46.3	69.5

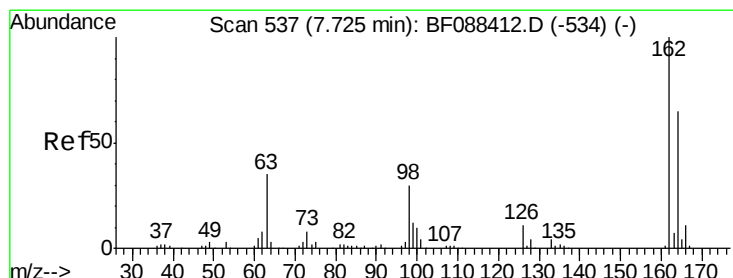
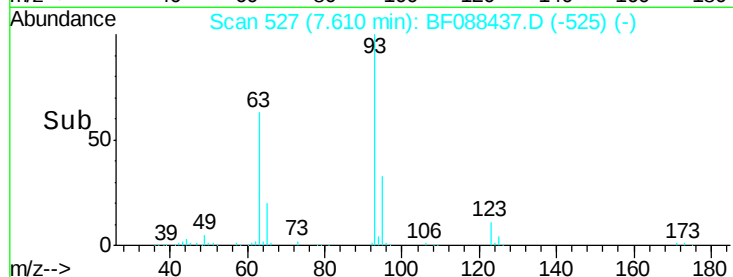
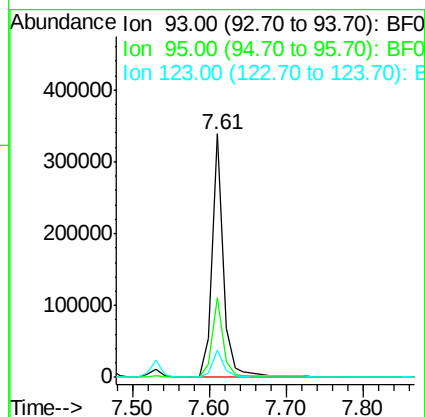
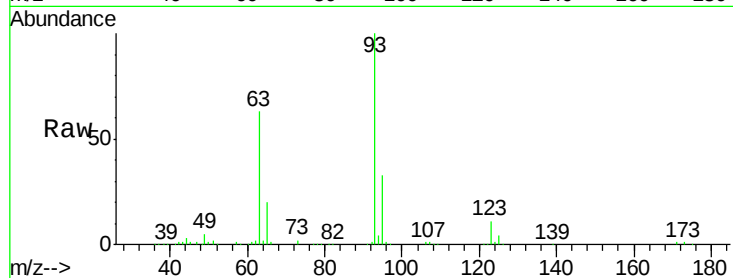




#28
bis(2-Chloroethoxy)methane
Concen: 38.03 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

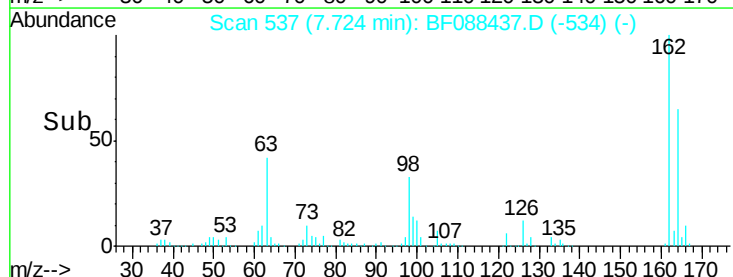
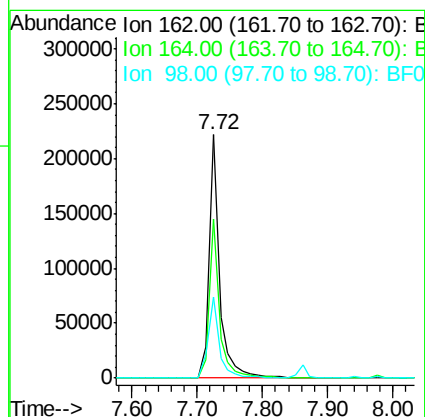
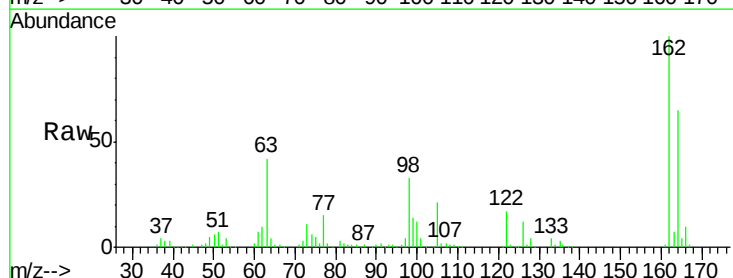
Instrument :
BNA_G
ClientSampleId :

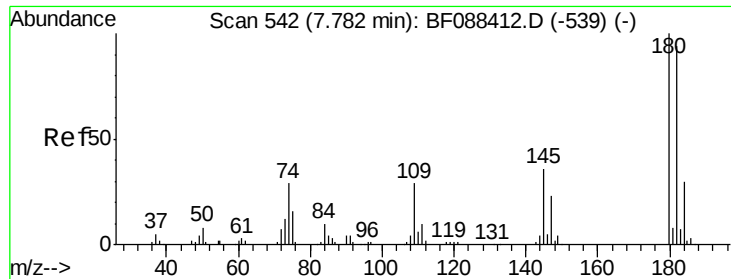
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.0	11.6	17.4



#29
2,4-Dichlorophenol
Concen: 39.44 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	33.5	21.3	61.3

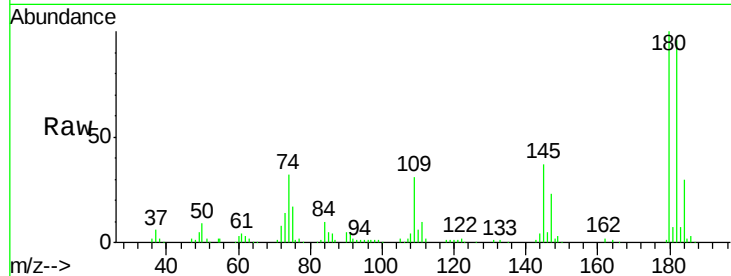




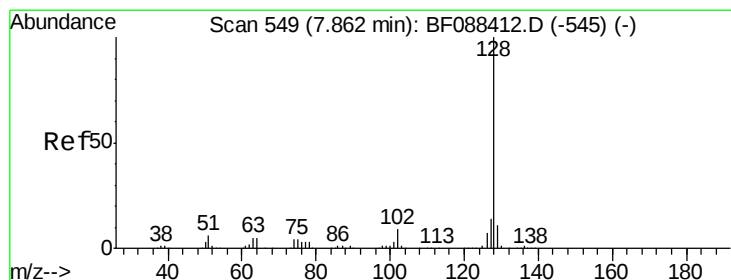
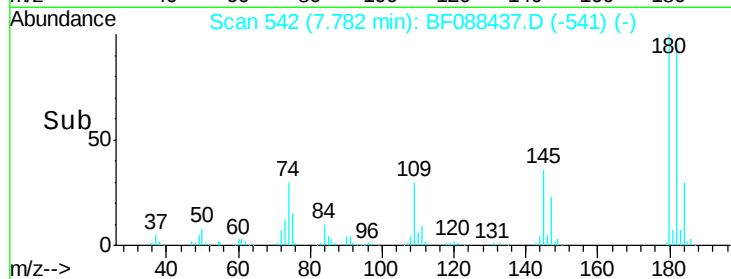
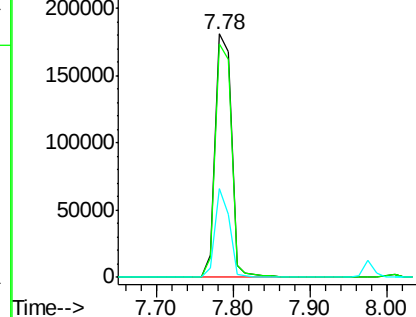
#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 263358
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 145 36.5 26.5 39.7

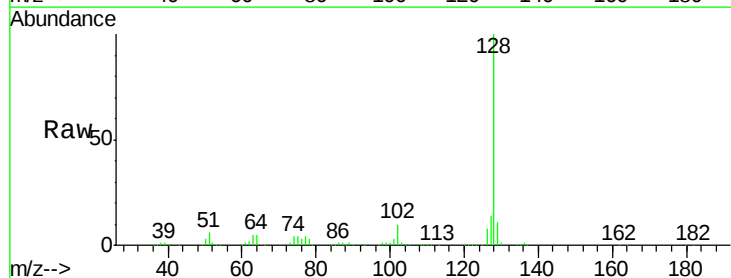


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

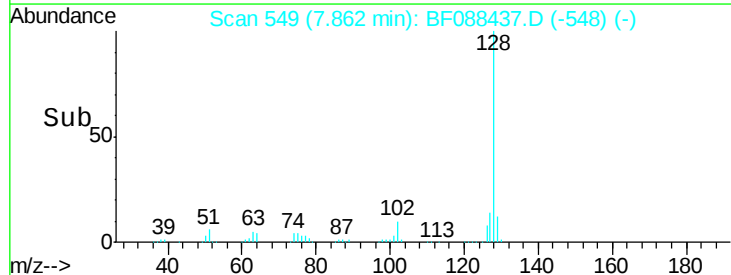
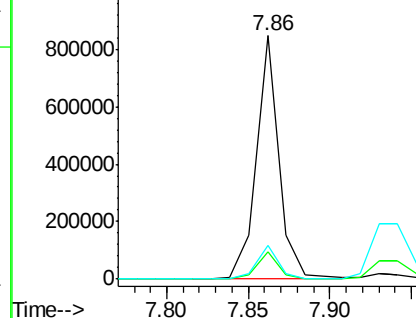


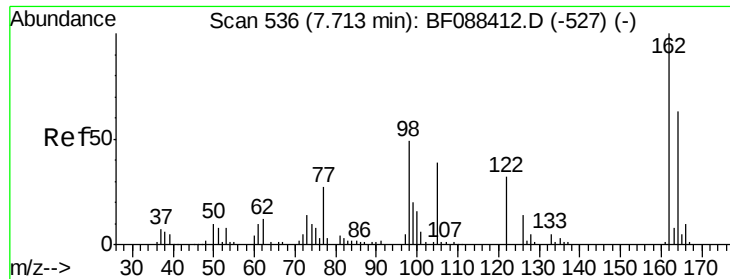
#31
 Naphthalene
 Concen: 35.88 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:128 Resp: 814223
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.6 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

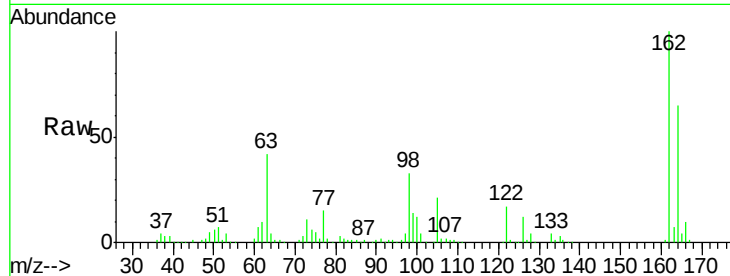




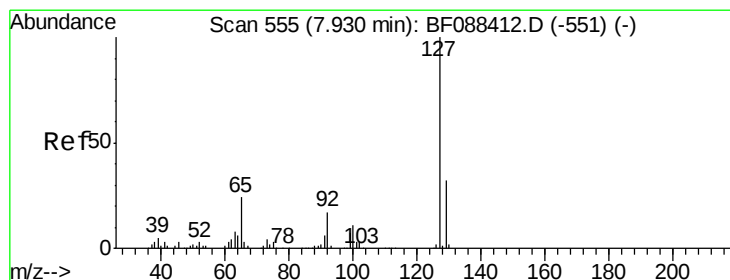
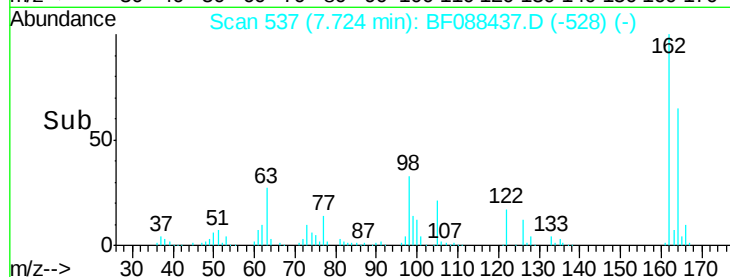
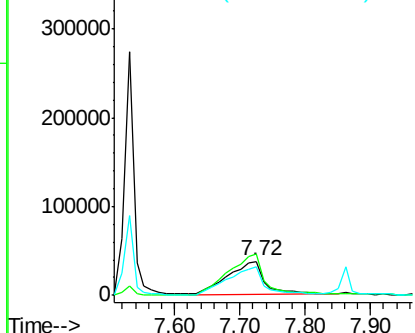
#32
Benzoic acid
Concen: 35.37 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.19 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.6	141.6
77	85.3	70.6	110.6



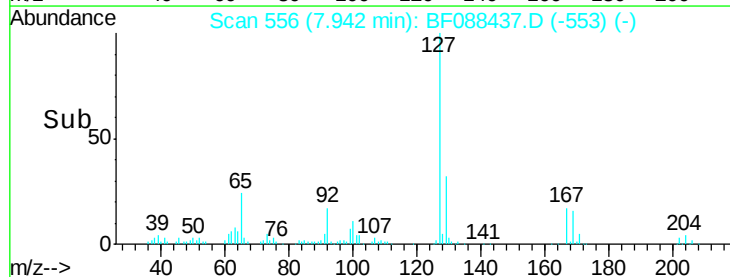
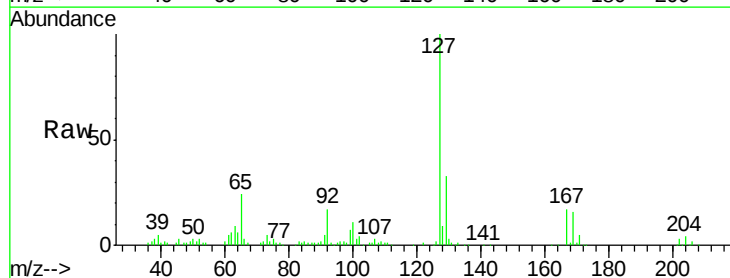
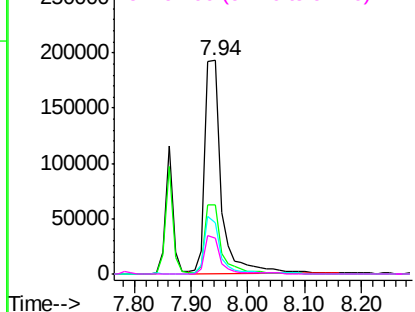
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

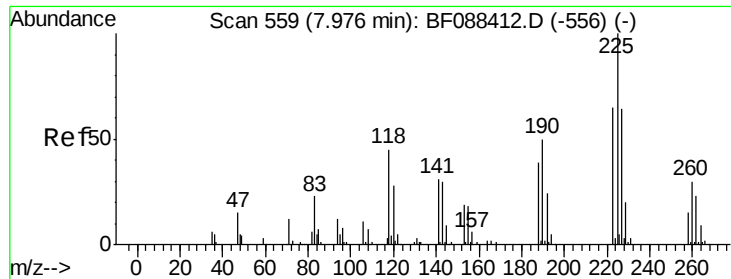


#33
4-Chloroaniline
Concen: 37.17 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	23.7	24.7	37.1#
92	16.7	15.4	23.0

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

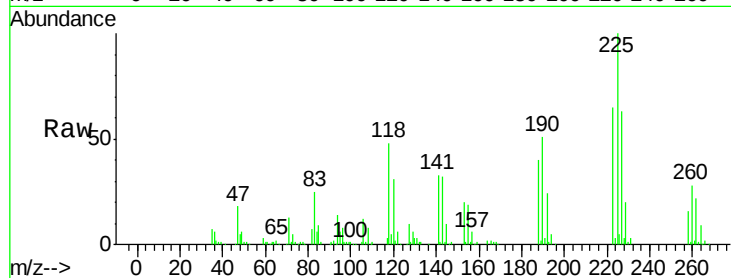




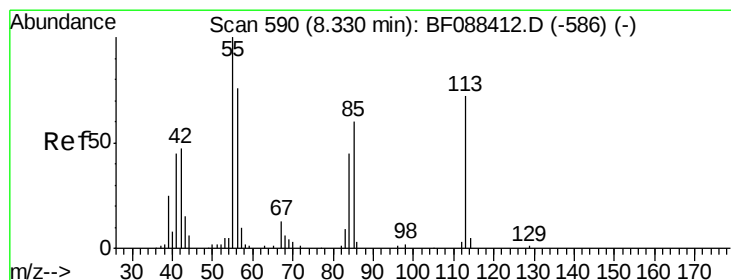
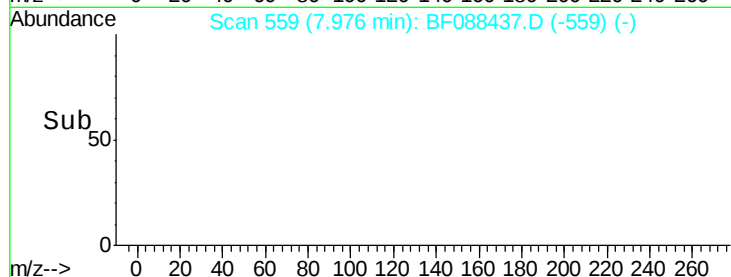
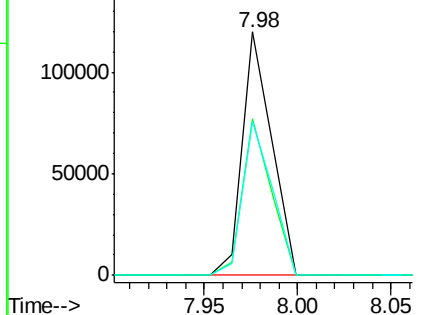
#34
Hexachlorobutadiene
Concen: 36.28 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 130523
Ion Ratio Lower Upper
225 100
223 64.5 50.9 76.3
227 63.3 51.9 77.9

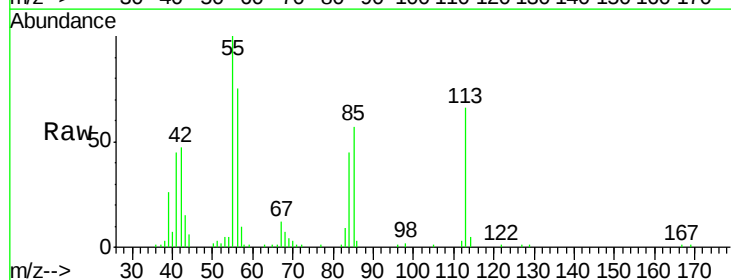


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

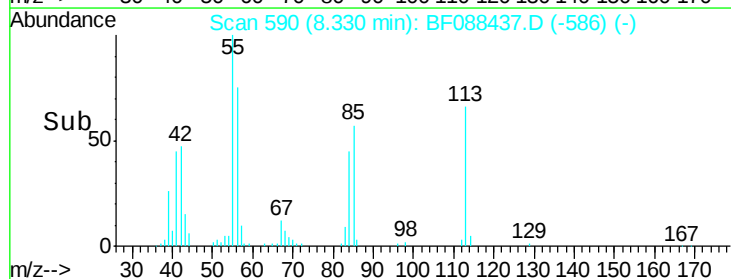
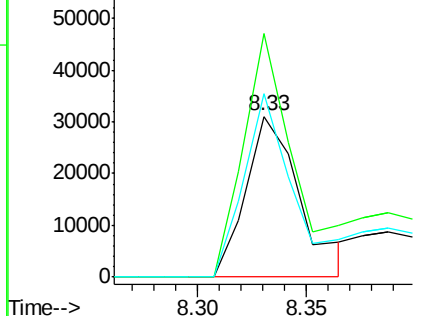


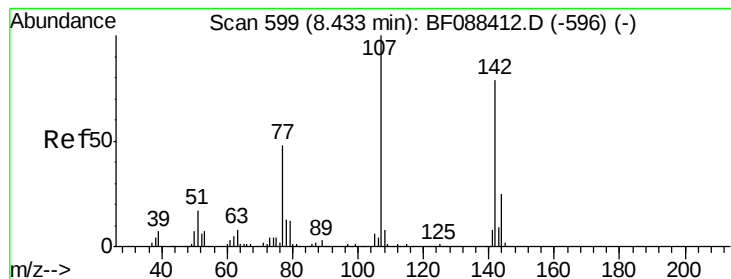
#35
Caprolactam
Concen: 26.13 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.25 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:113 Resp: 54216
Ion Ratio Lower Upper
113 100
55 151.4 158.6 198.6#
56 113.7 110.6 150.6



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: 38.08 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.25 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

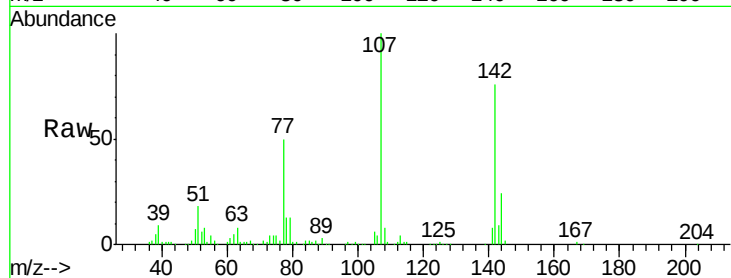
Tot Ion:107 Resp: 255141

Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

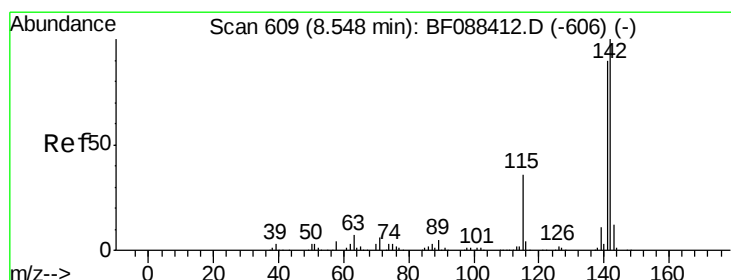
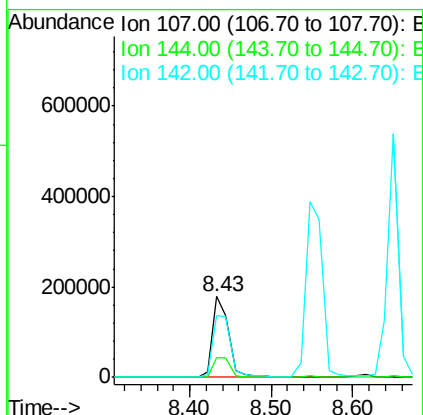
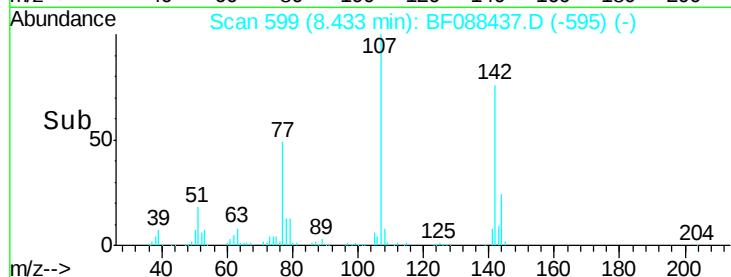
142 75.9 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.51 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

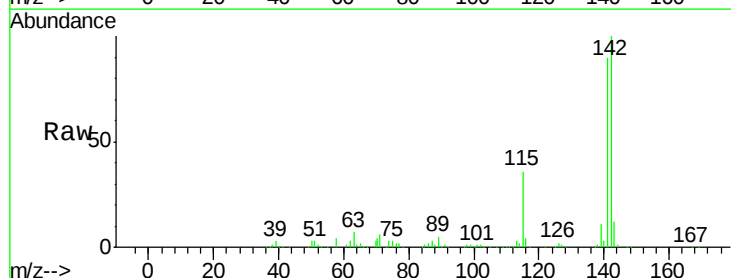
Tgt Ion:142 Resp: 546140

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

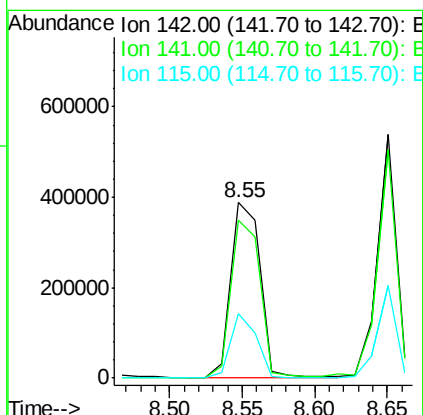
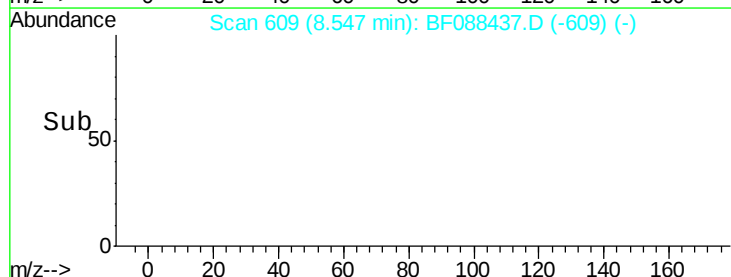
115 36.4 22.6 33.8#

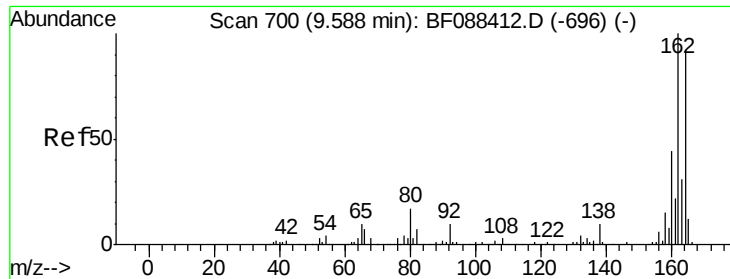


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

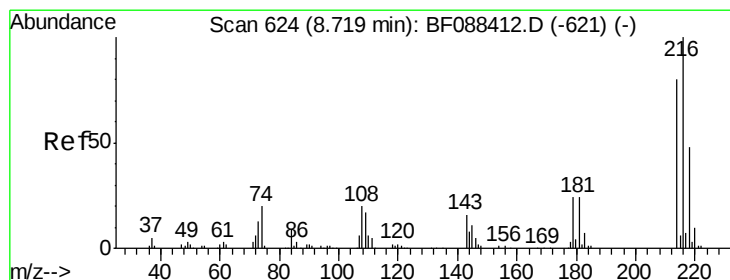
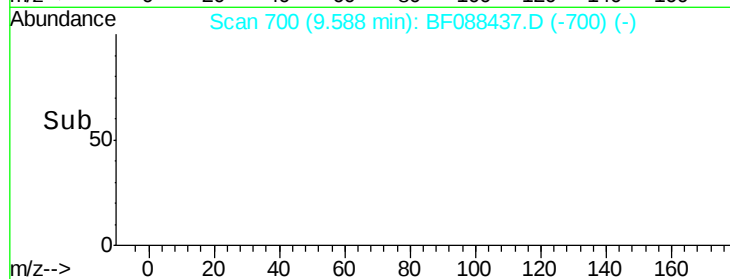
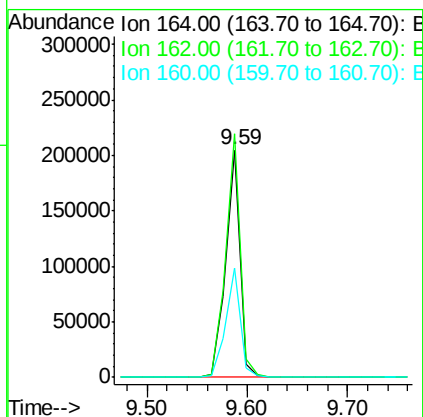
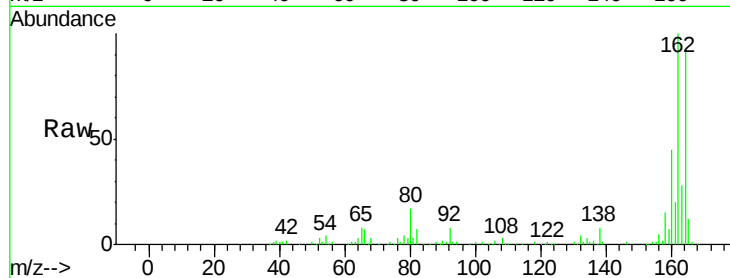




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

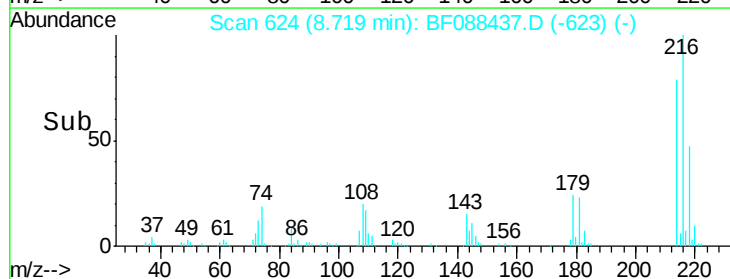
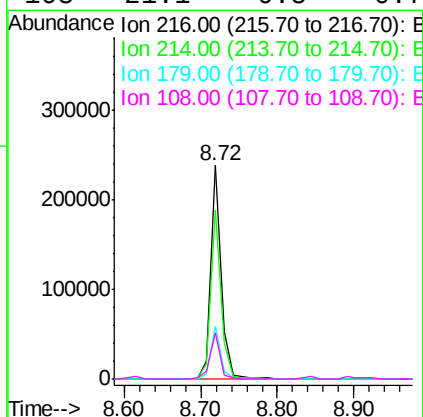
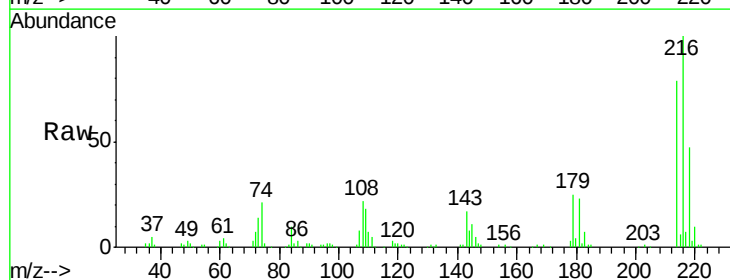
Instrument :
BNA_G
ClientSampled :

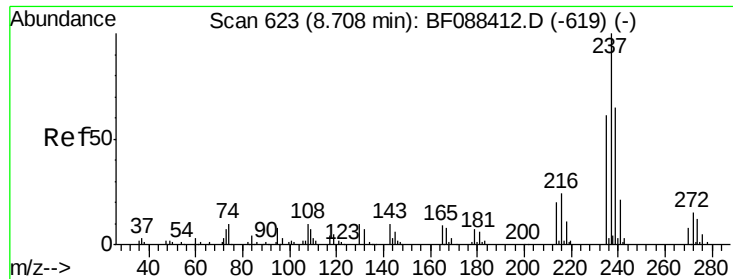
Tot Ion:164 Resp: 203346
Ion Ratio Lower Upper
164 100
162 107.0 85.4 128.2
160 48.1 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.73 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:216 Resp: 222552
Ion Ratio Lower Upper
216 100
214 78.5 2.9 4.3#
179 23.3 0.0 0.0#
108 21.1 0.5 0.7#

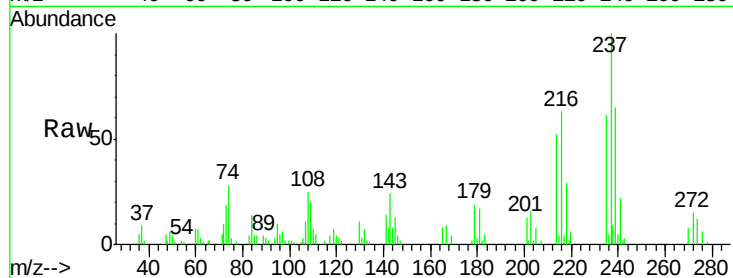




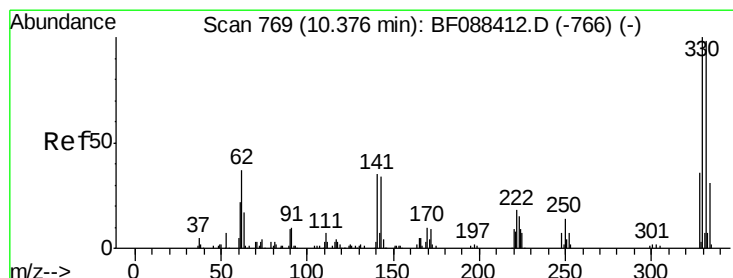
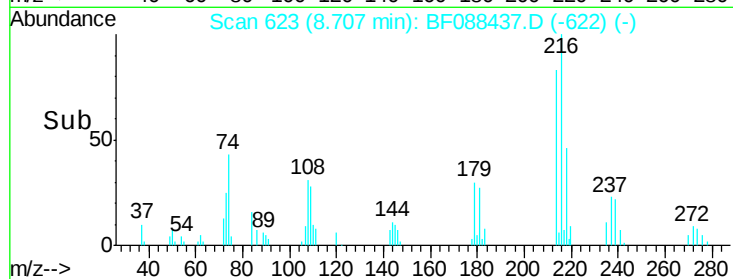
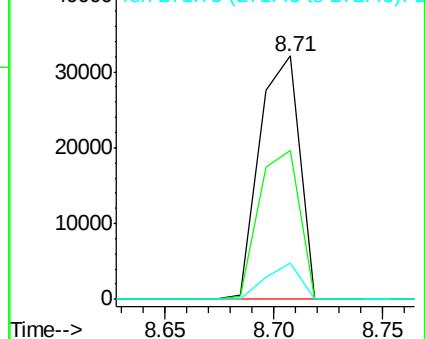
#40
Hexachlorocyclopentadiene
Concen: 12.59 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 41305
Ion Ratio Lower Upper
237 100
235 60.9 43.4 83.4
272 14.8 0.0 32.3

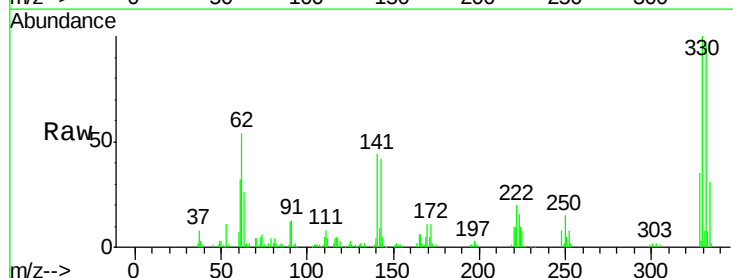


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

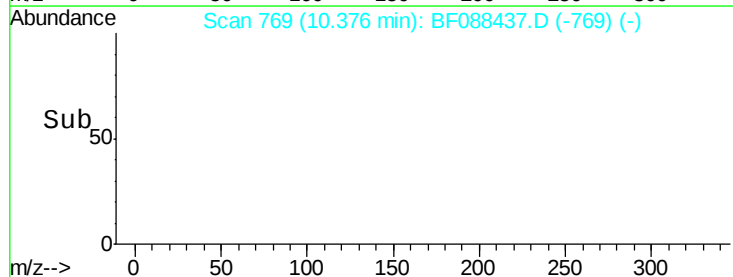
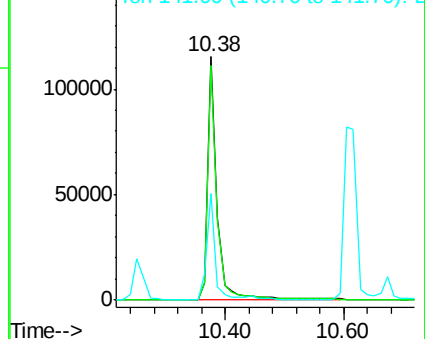


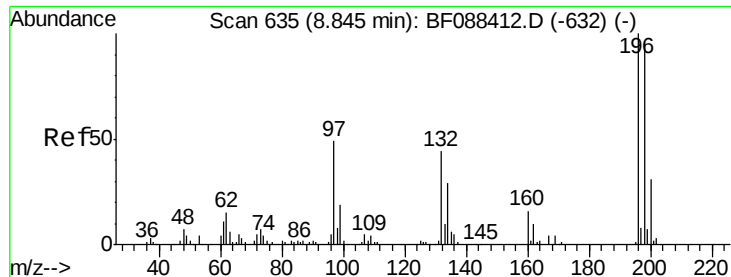
#41
2,4,6-Tribromophenol
Concen: 61.27 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:330 Resp: 131555
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 38.6 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

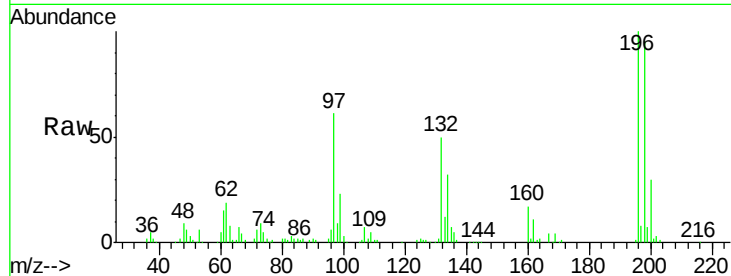




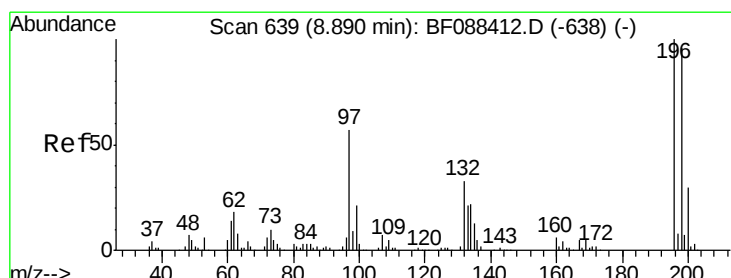
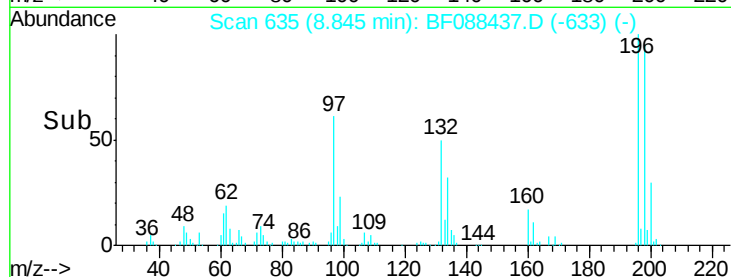
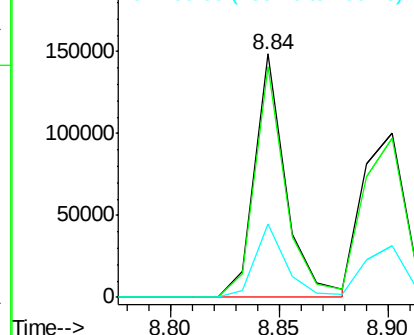
#42
2,4,6-Trichlorophenol
Concen: 36.60 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	196	Resp	148813
Ion Ratio	Lower	Upper	
196	100		
198	94.8	78.0	117.0
200	30.4	25.4	38.2



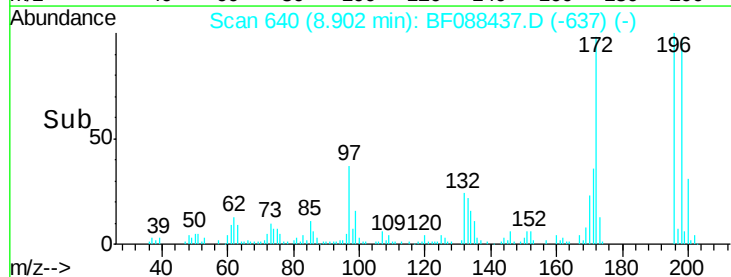
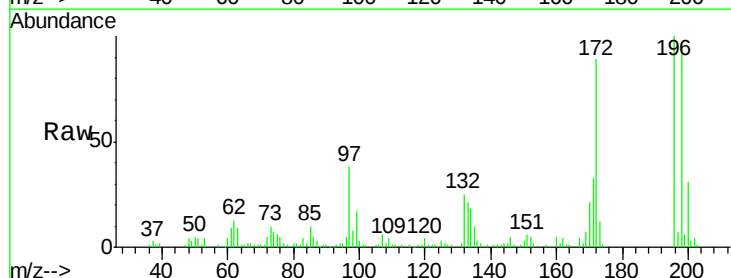
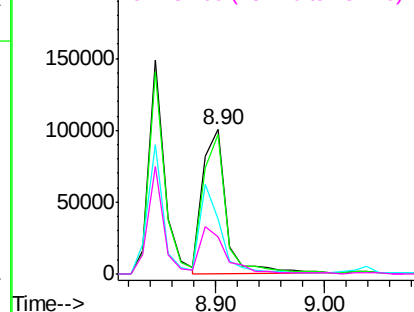
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

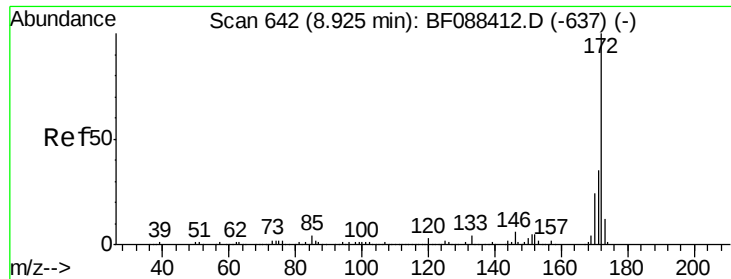


#43
2,4,5-Trichlorophenol
Concen: 35.45 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	196	Resp	149967
Ion Ratio	Lower	Upper	
196	100		
198	96.9	77.5	116.3
97	38.0	32.0	48.0
132	25.4	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: 82.71 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampled :

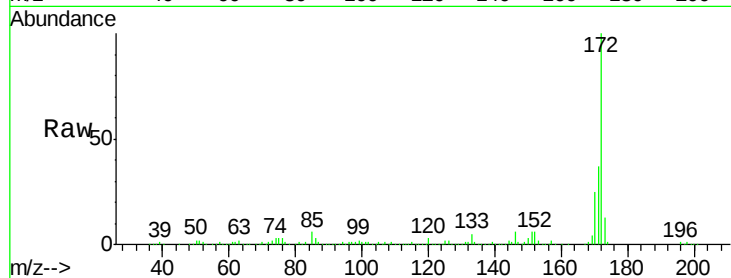
Tot Ion:172 Resp: 1072555

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

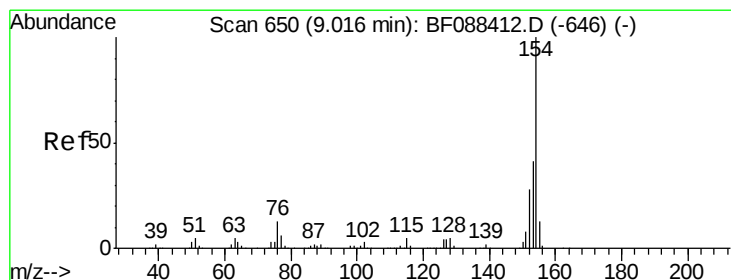
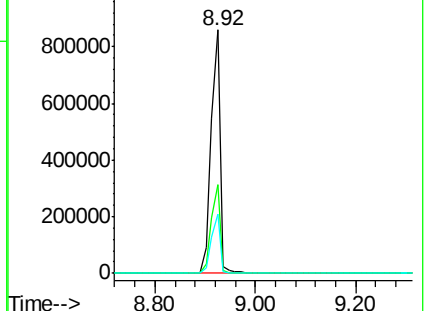
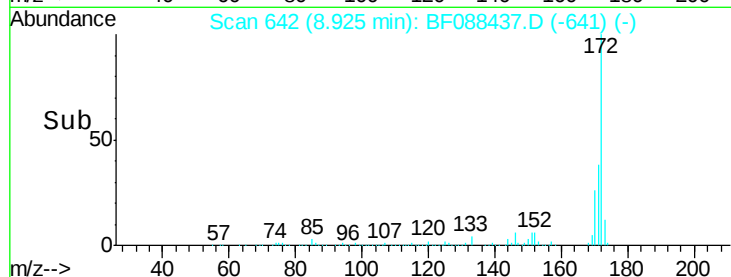
170 24.6 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.37 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

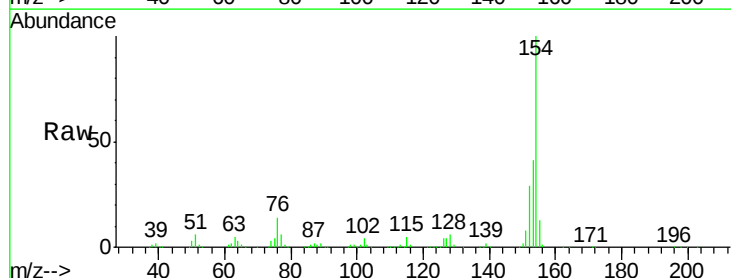
Tgt Ion:154 Resp: 612722

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

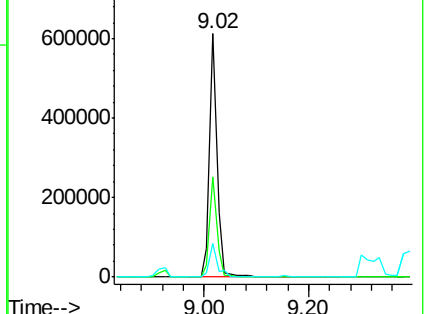
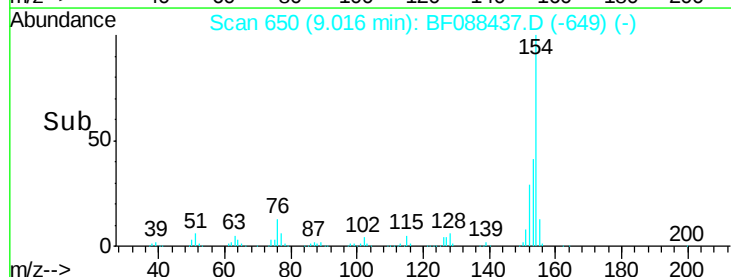
76 13.7 0.0 35.1

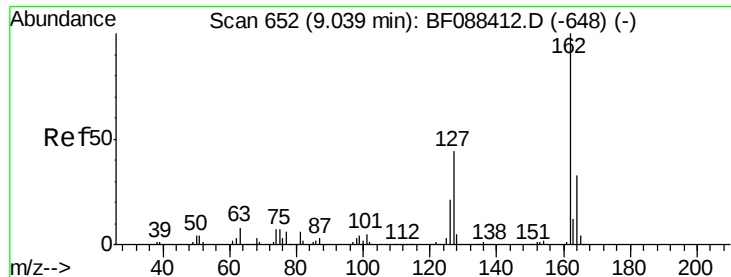


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 37.46 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

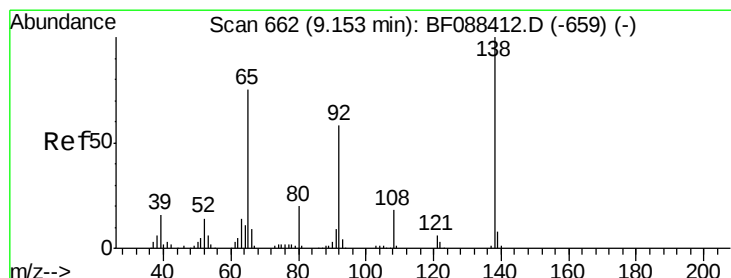
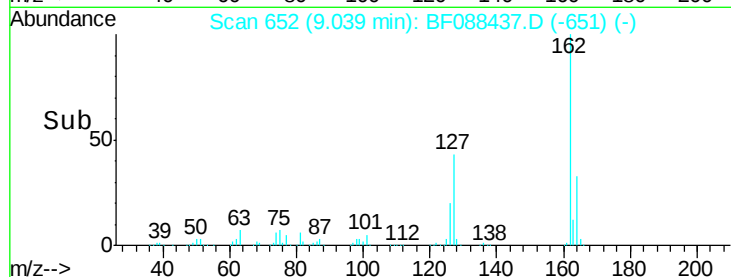
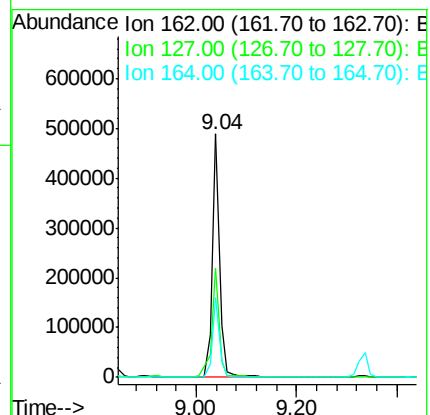
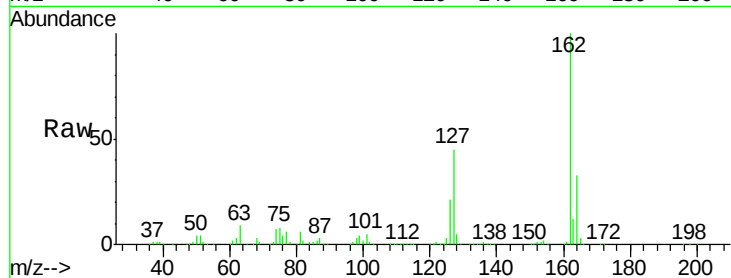
Tot Ion:162 Resp: 492904

Ion Ratio Lower Upper

162 100

127 44.8 35.2 52.8

164 32.6 26.6 39.8



#47

2-Nitroaniline

Concen: 38.16 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

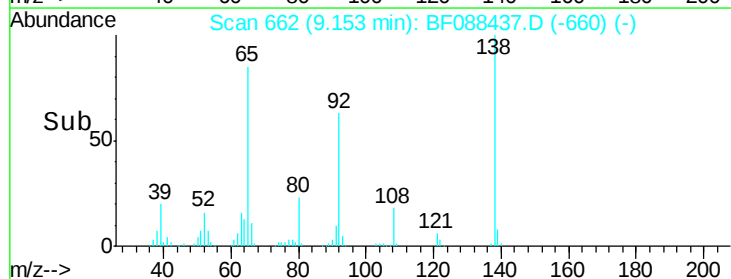
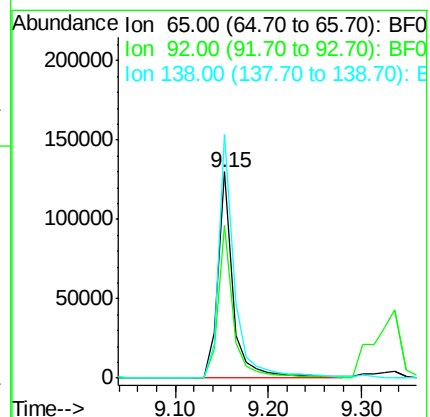
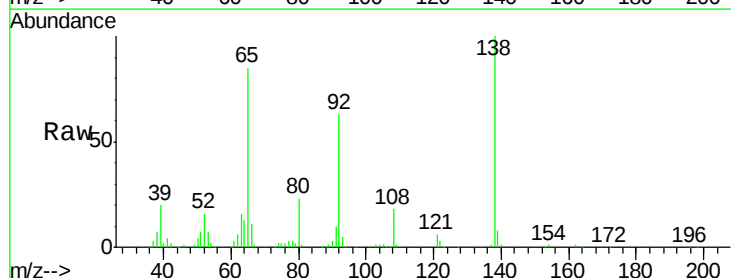
Tgt Ion: 65 Resp: 148108

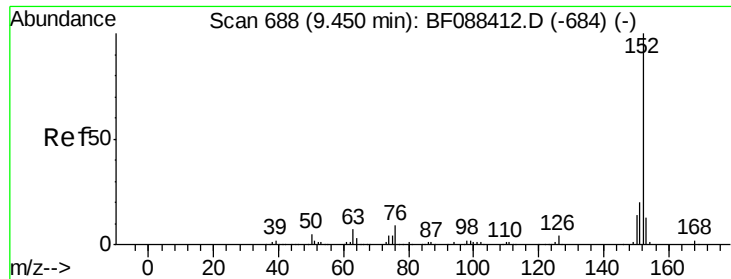
Ion Ratio Lower Upper

65 100

92 74.4 54.6 82.0

138 118.2 77.0 115.4#





#48

Acenaphthylene

Concen: 38.97 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampled :

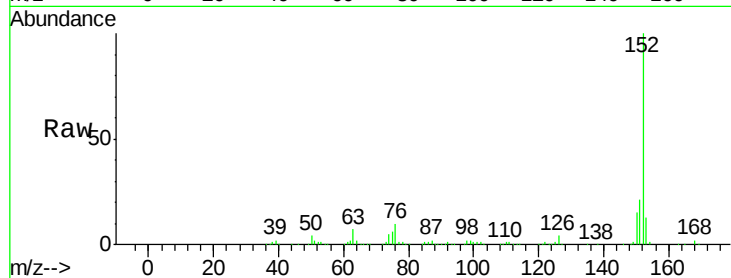
Tot Ion:152 Resp: 815580

Ion Ratio Lower Upper

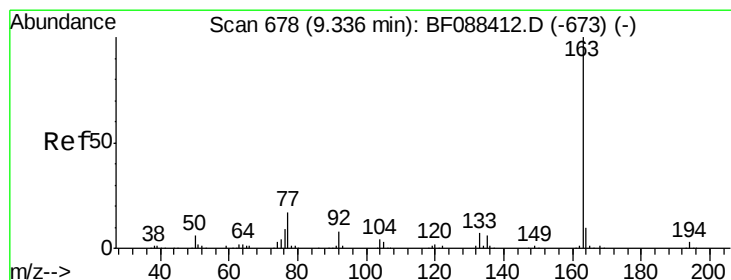
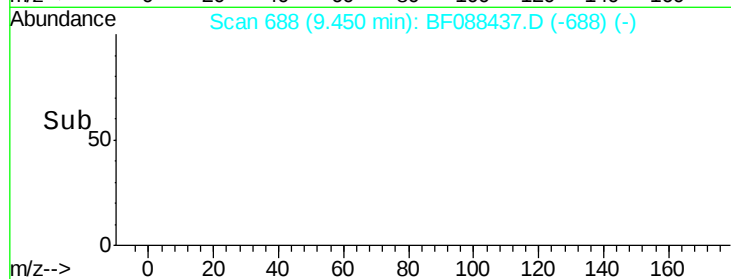
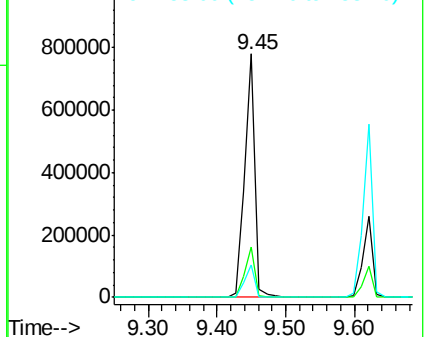
152 100

151 20.5 16.2 24.4

153 13.2 11.0 16.6



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



#49

Dimethylphthalate

Concen: 42.62 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

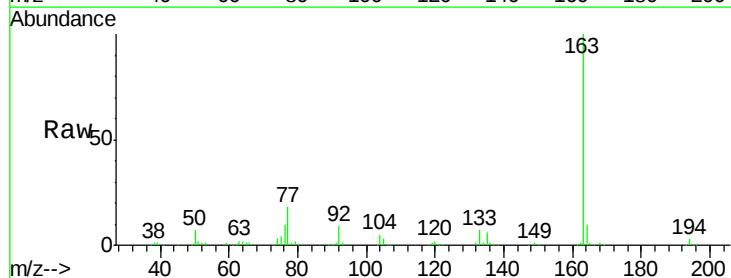
Tgt Ion:163 Resp: 627728

Ion Ratio Lower Upper

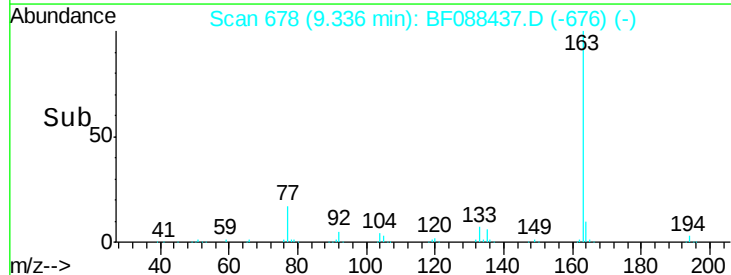
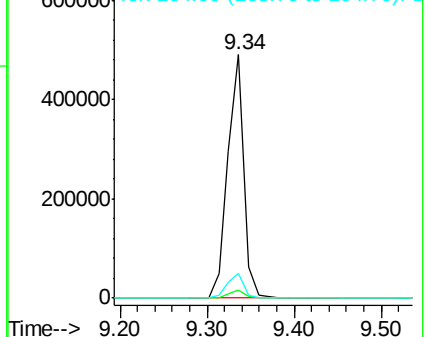
163 100

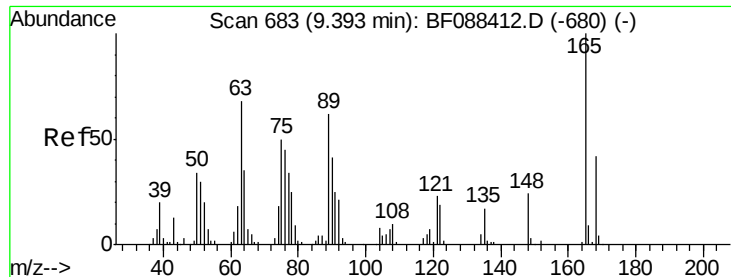
194 3.4 2.8 4.2

164 10.2 8.3 12.5



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





#50

2,6-Dinitrotoluene

Concen: 42.80 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.26 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

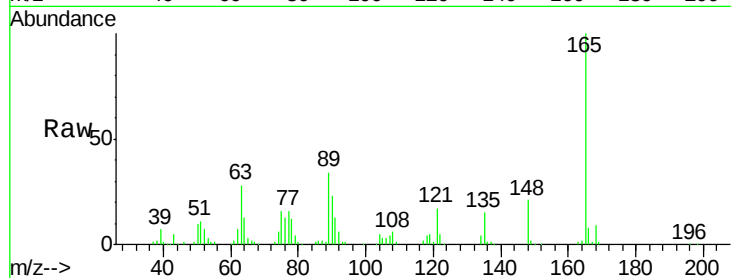
Tot Ion:165 Resp: 144396

Ion Ratio Lower Upper

165 100

63 28.2 28.1 42.1

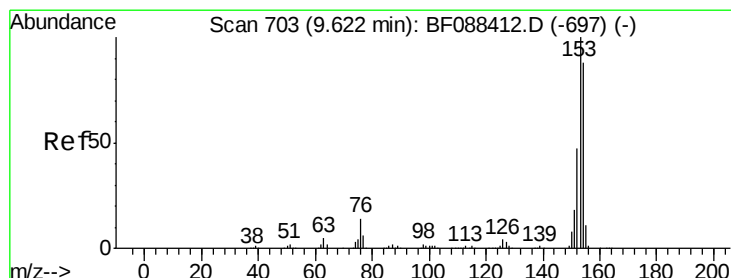
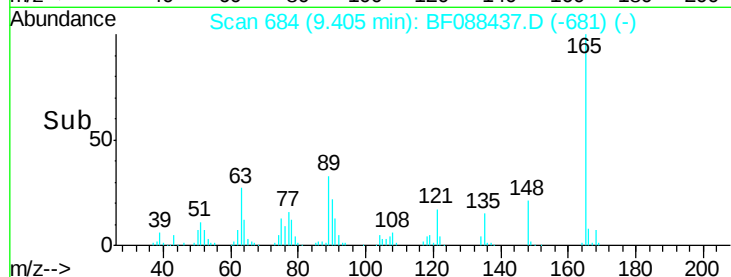
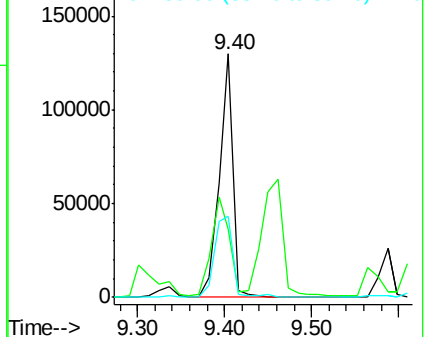
89 33.5 32.2 48.2



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: 36.29 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

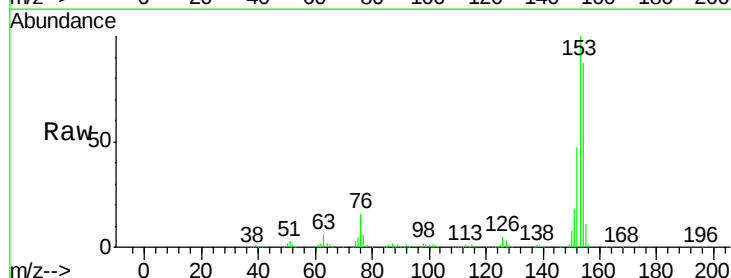
Tgt Ion:154 Resp: 473821

Ion Ratio Lower Upper

154 100

153 114.6 89.5 134.3

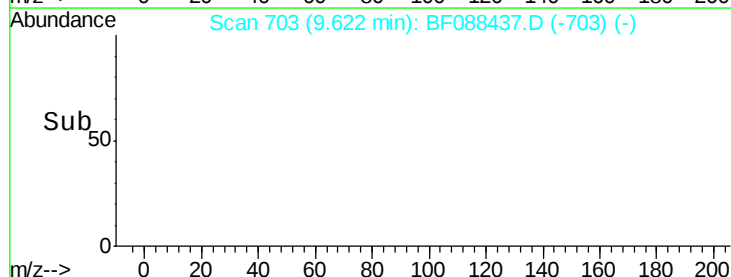
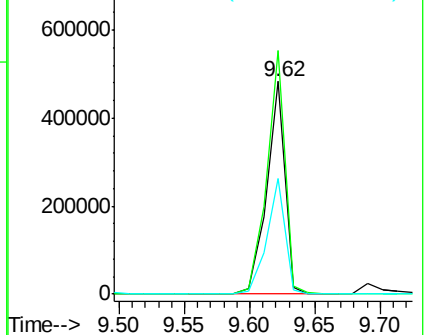
152 54.2 42.7 64.1

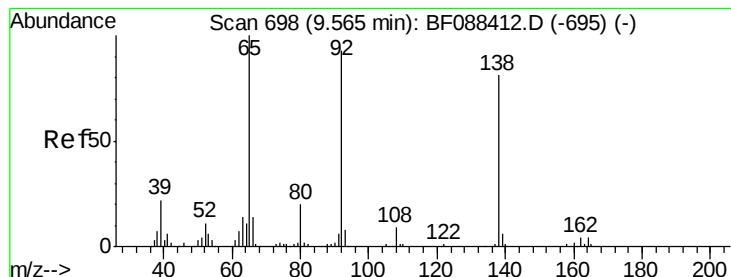


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 38.88 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.26 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

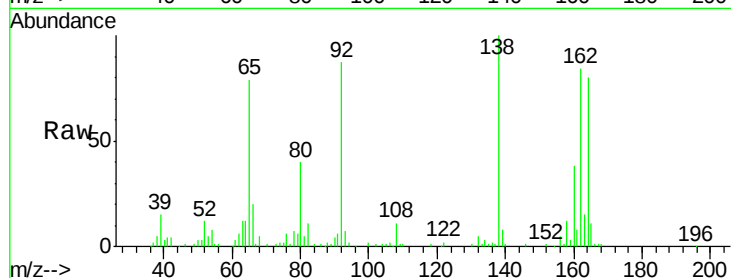
Tot Ion:138 Resp: 151336

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

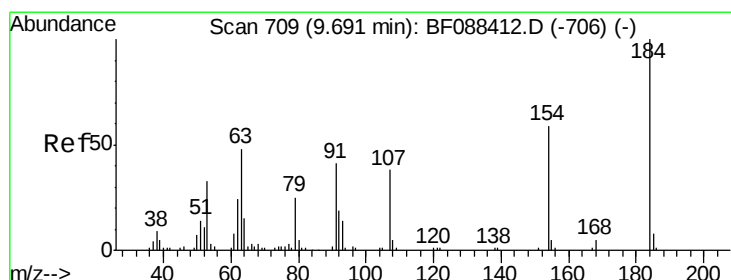
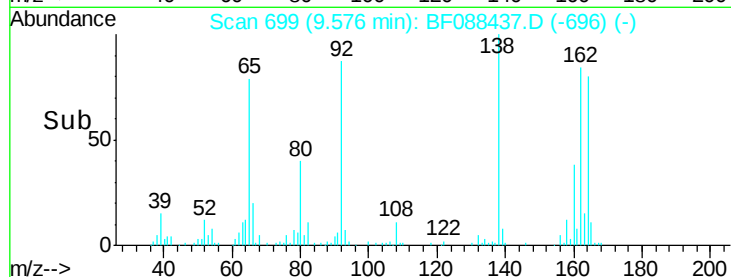
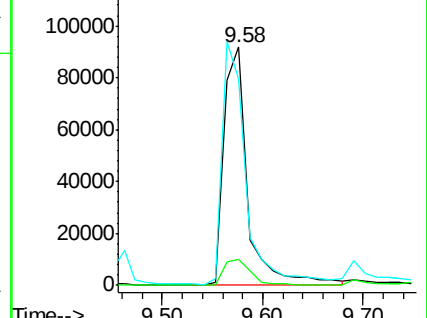
92 87.0 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 36.72 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.25 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

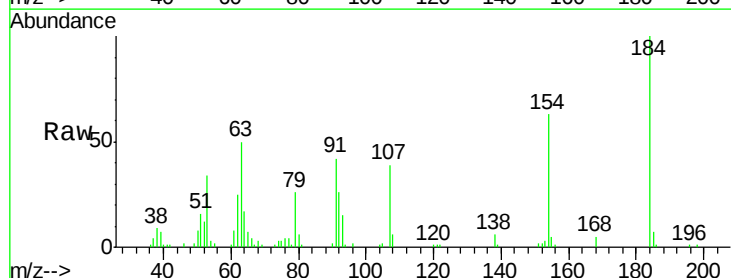
Tgt Ion:184 Resp: 56955

Ion Ratio Lower Upper

184 100

63 49.8 57.6 86.4#

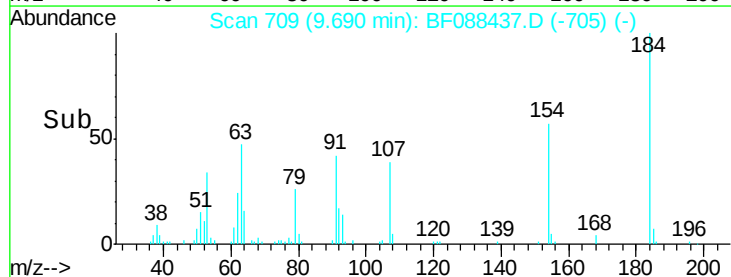
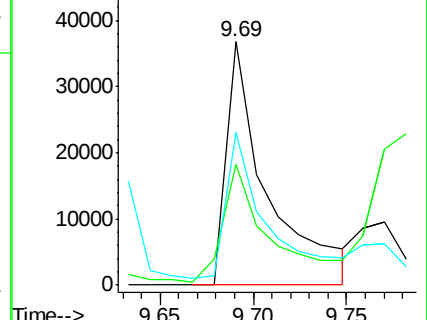
154 62.6 53.5 80.3

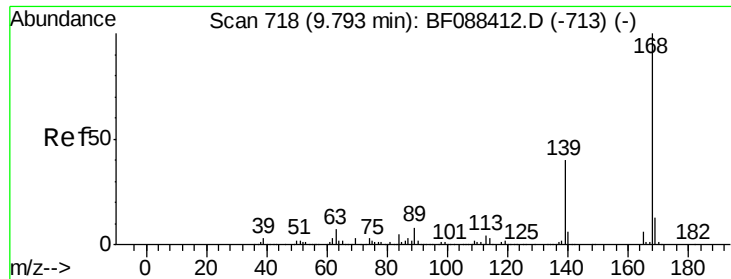


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

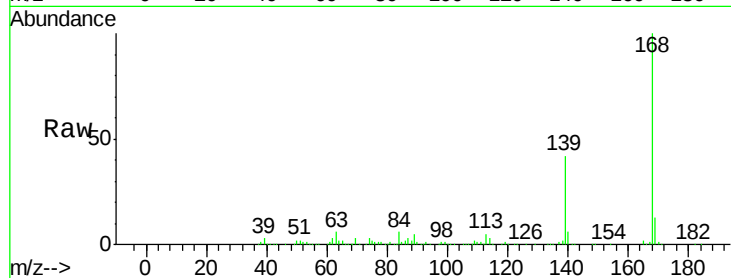




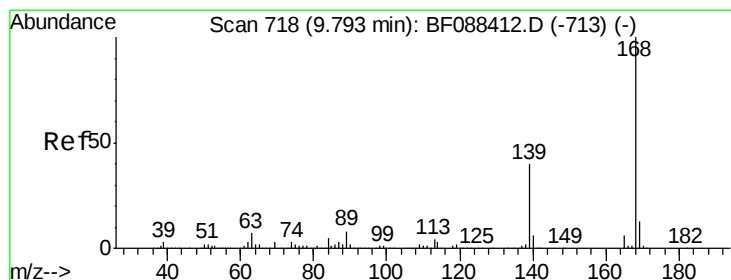
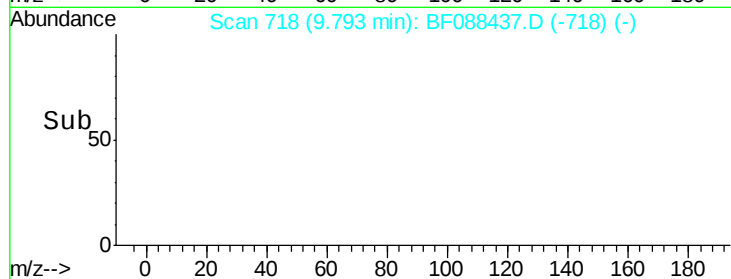
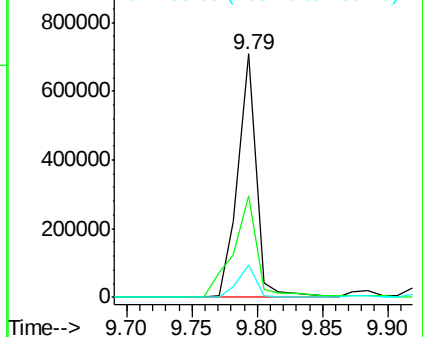
#54
Dibenzenofuran
Concen: 38.72 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 696316
Ion Ratio Lower Upper
168 100
139 41.8 26.4 39.6#
169 13.5 10.4 15.6

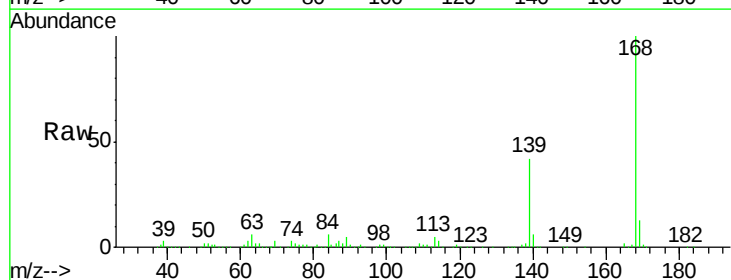


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

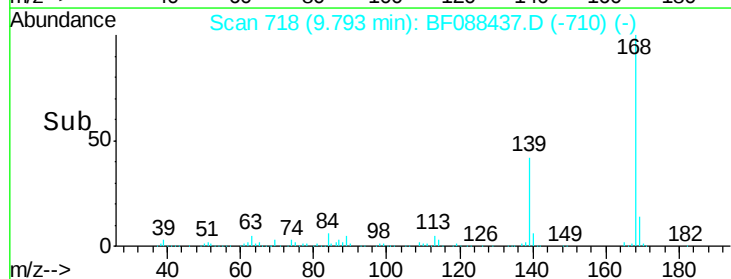
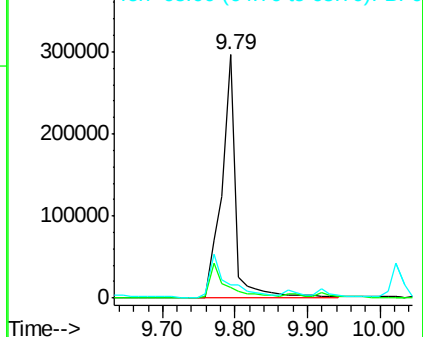


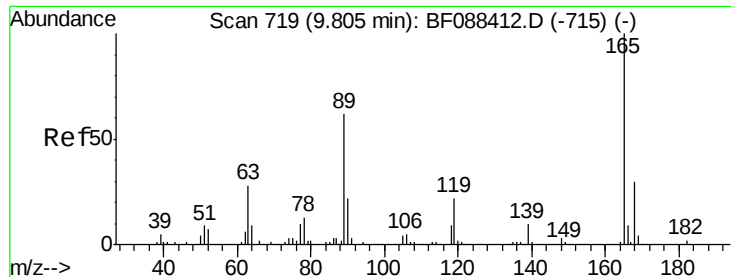
#55
4-Nitrophenol
Concen: 132.46 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.21 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:139 Resp: 400203
Ion Ratio Lower Upper
139 100
109 4.2 48.9 88.9#
65 5.5 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: 37.79 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.26 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 163810

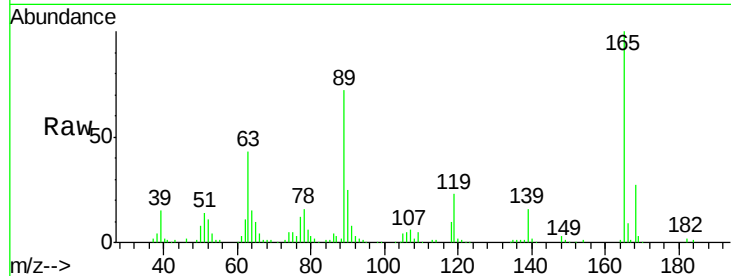
Ion Ratio Lower Upper

165 100

63 43.3 22.0 33.0#

89 72.4 41.1 61.7#

182 2.2 2.0 3.0

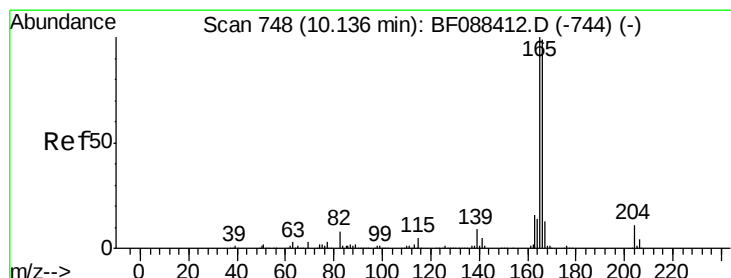
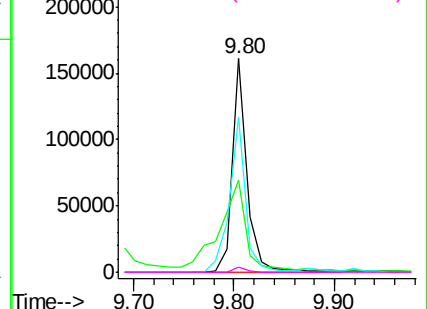
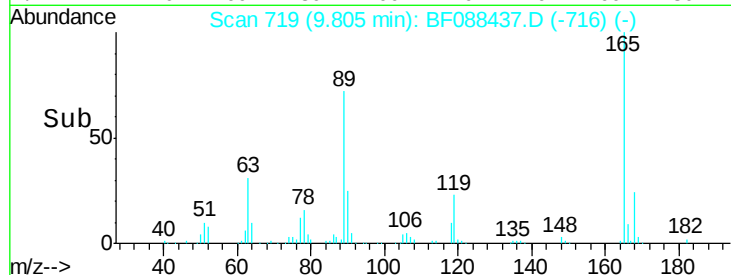


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.97 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

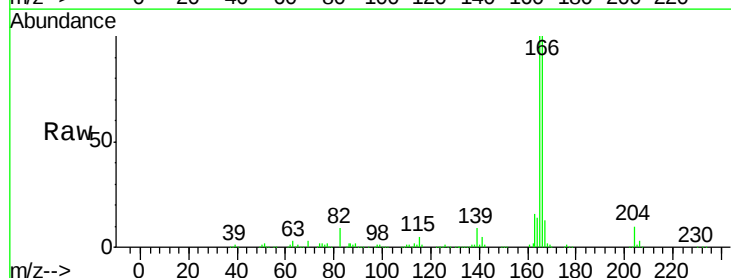
Tgt Ion:166 Resp: 524801

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

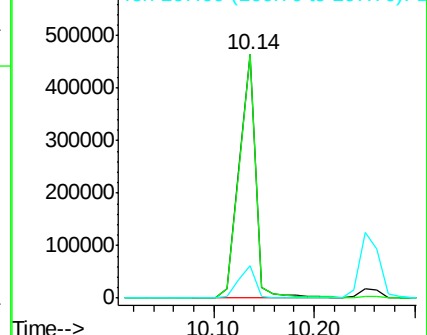
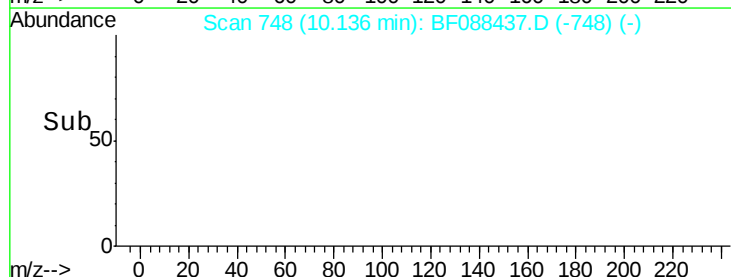
167 13.3 11.2 16.8

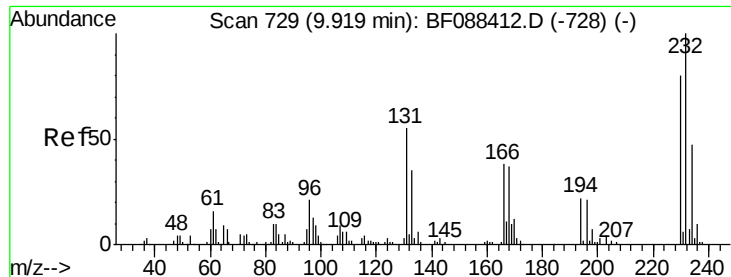


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

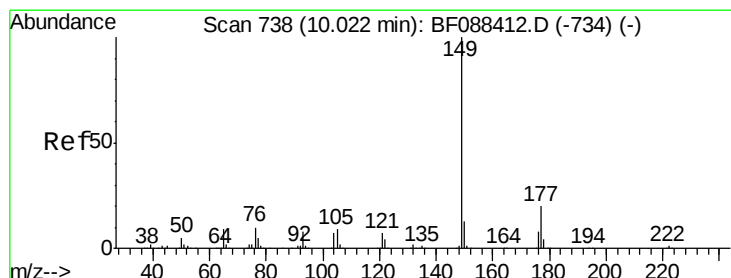
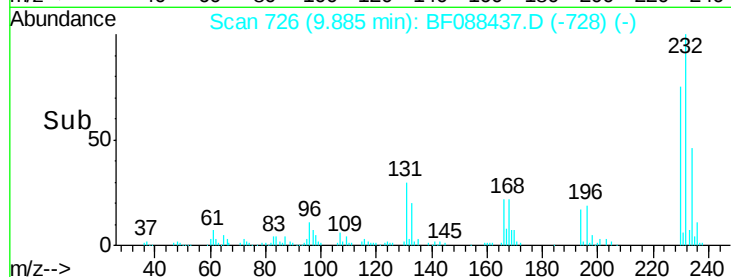
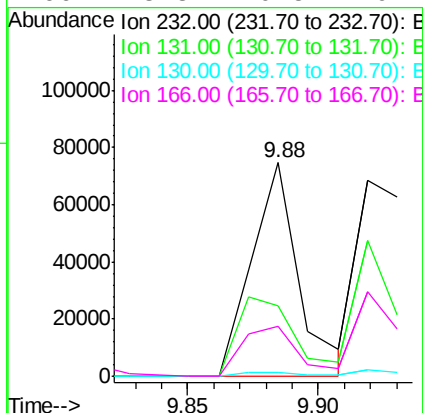
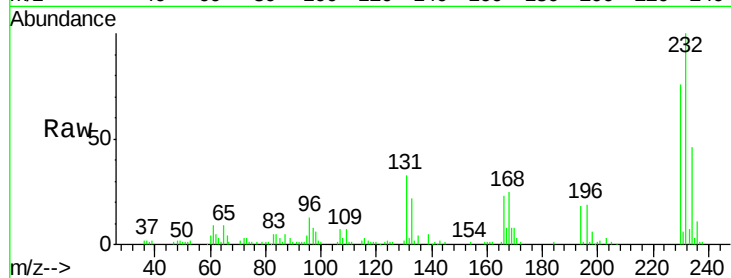




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.31 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.32 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

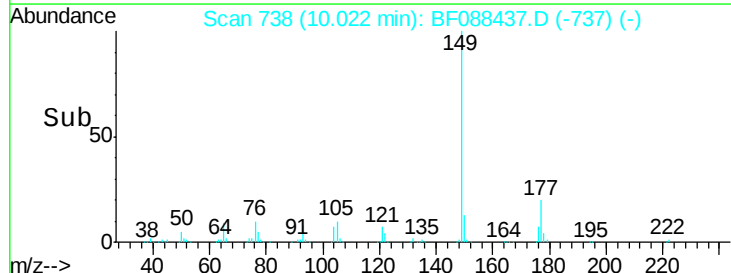
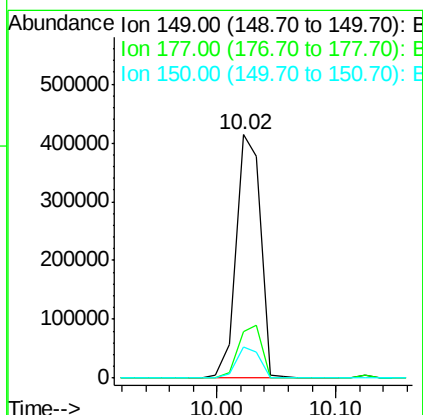
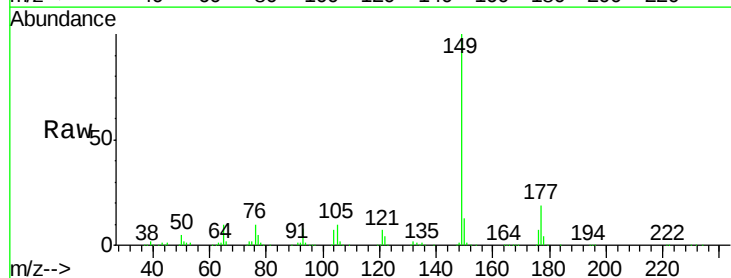
Instrument :
 BNA_G
 ClientSampleId :

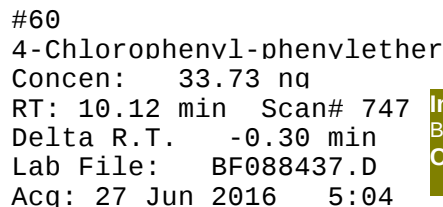
Tot Ion:232 Resp: 94115
 Ion Ratio Lower Upper
 232 100
 131 46.7 0.9 1.3#
 130 2.6 1.5 2.3#
 166 28.8 0.5 0.7#



#59
 Diethylphthalate
 Concen: 39.73 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

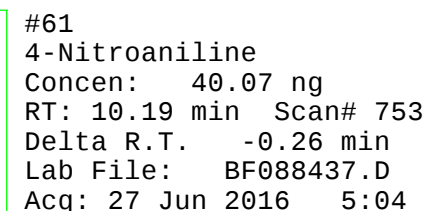
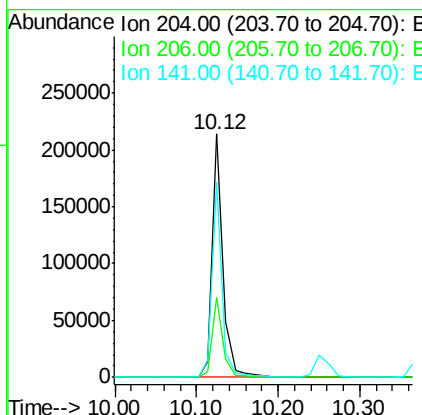
Tgt Ion:149 Resp: 592339
 Ion Ratio Lower Upper
 149 100
 177 19.2 16.9 25.3
 150 12.9 10.1 15.1



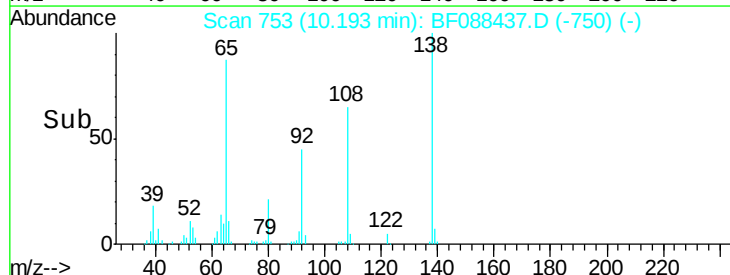
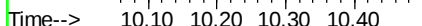
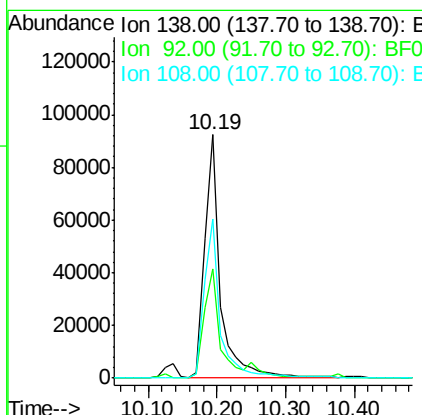


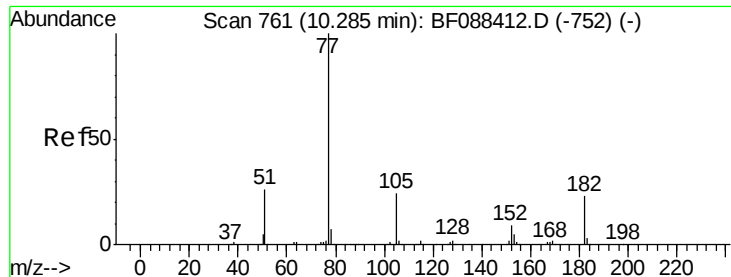
Instrument :
BNA_G
ClientSampleId :

Tot	Ion:204	Resp:	201721
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	80.0	55.0	82.6



Tgt	Ion:138	Resp:	147957
Ion	Ratio	Lower	Upper
138	100		
92	44.8	27.3	67.3
108	65.4	46.7	86.7





#62

Azobenzene

Concen: 35.35 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 521281

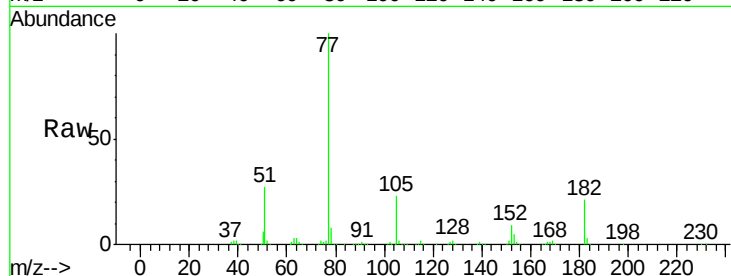
Ion Ratio Lower Upper

77 100

182 21.0 4.4 44.4

105 23.0 3.8 43.8

51 27.2 9.3 49.3

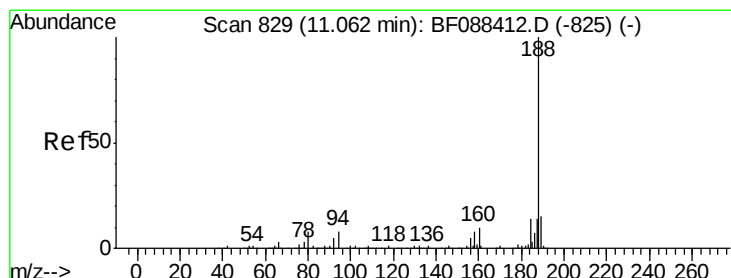
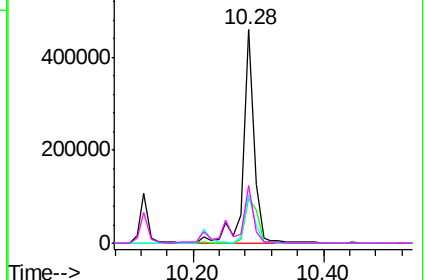
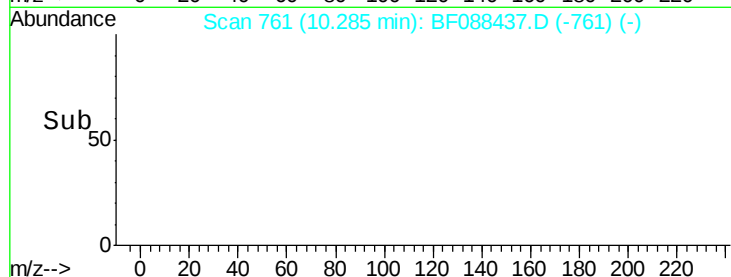


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 829

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

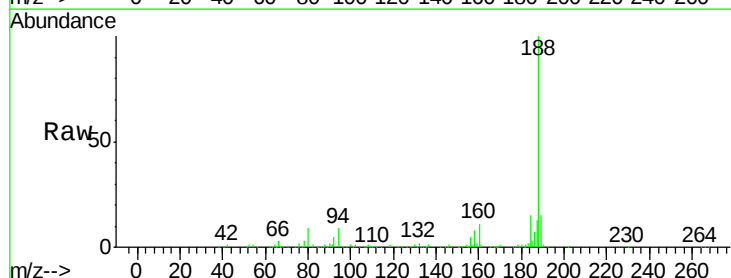
Tgt Ion: 188 Resp: 342136

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

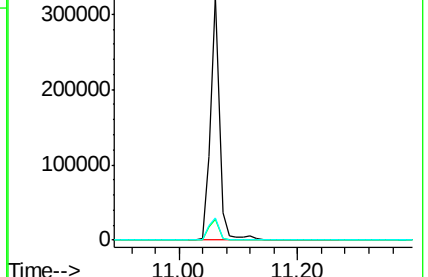
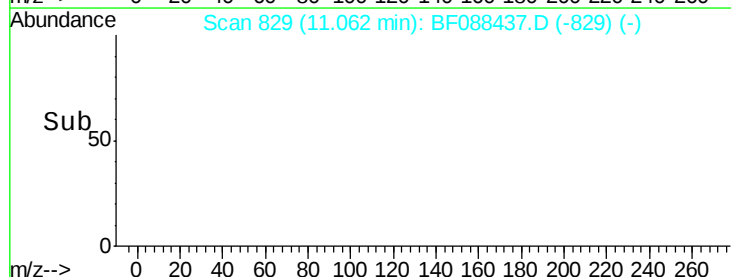
80 9.2 10.0 15.0#

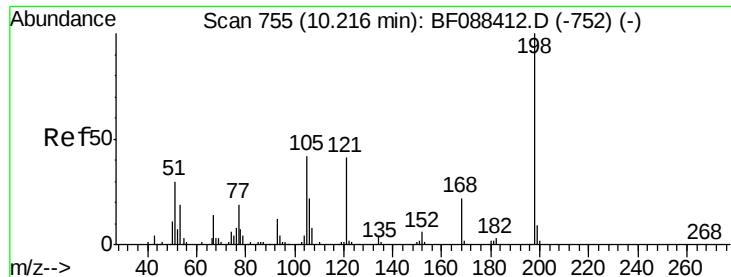


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 32.12 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampled :

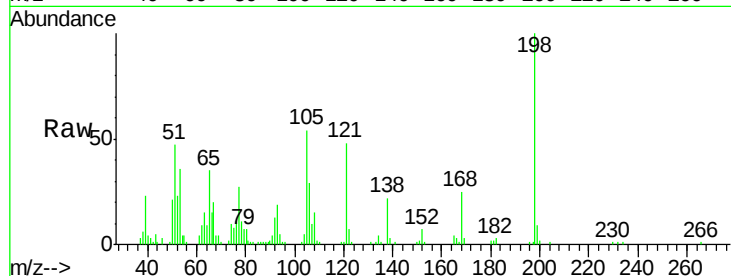
Tot Ion:198 Resp: 67015

Ion Ratio Lower Upper

198 100

51 46.9 39.6 79.6

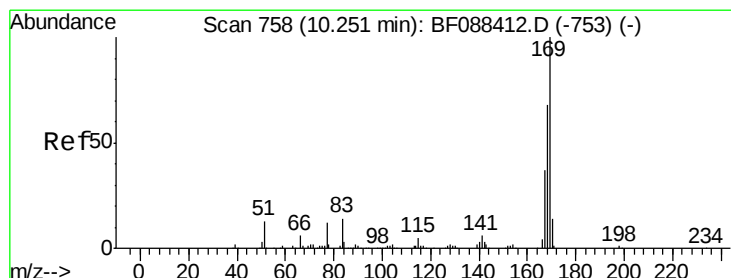
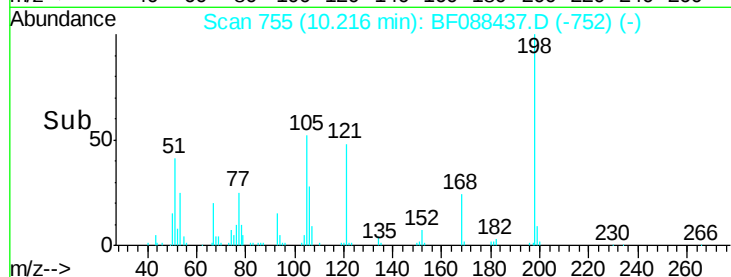
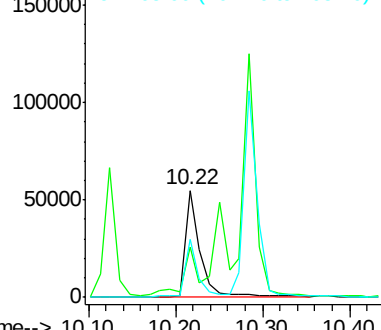
105 53.6 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.58 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

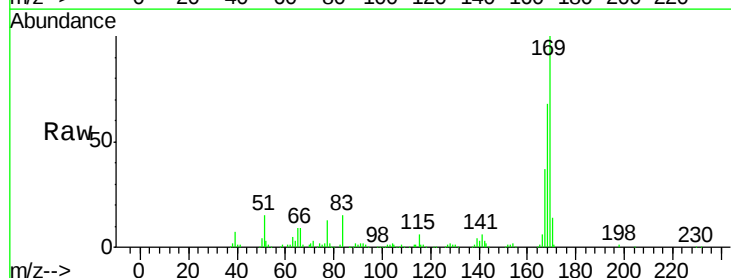
Tgt Ion:169 Resp: 460647

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

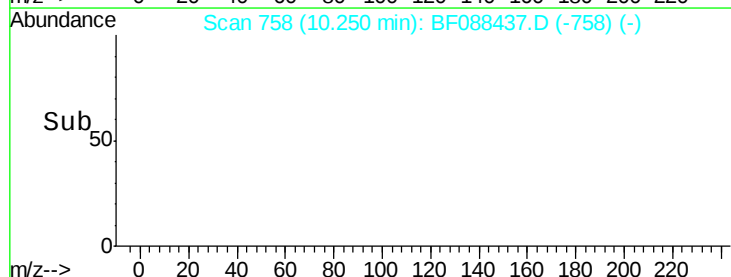
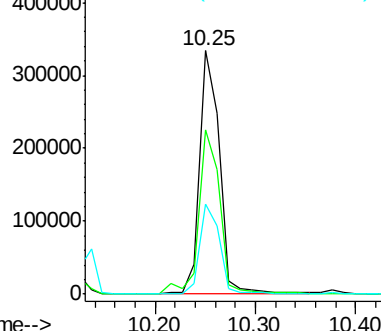
167 37.2 29.4 44.0

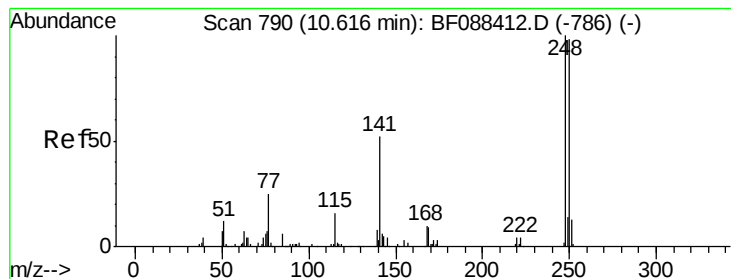


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

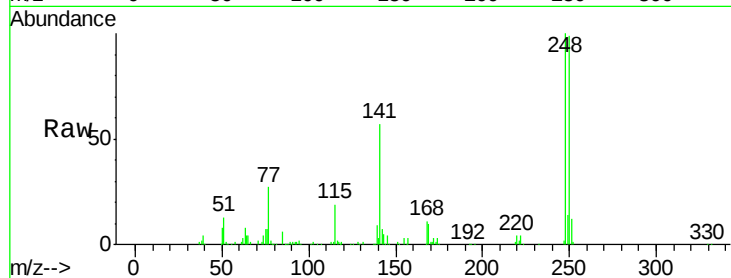




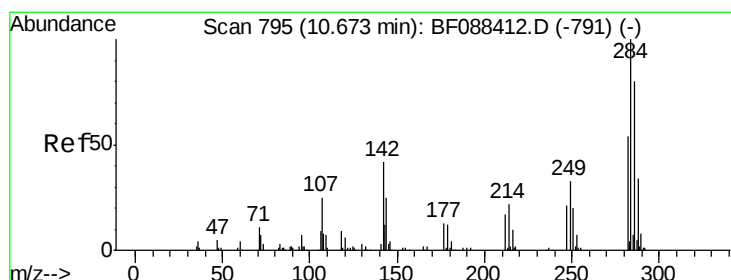
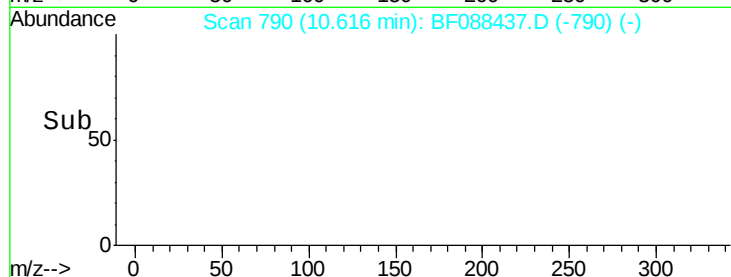
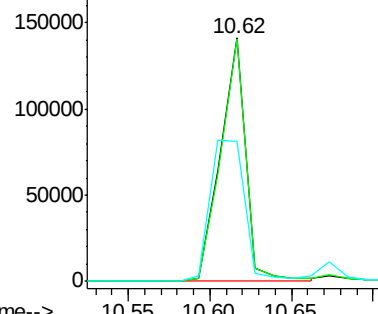
#66
4-Bromophenyl-phenylether
Concen: 41.36 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 151801
Ion Ratio Lower Upper
248 100
250 99.4 77.1 115.7
141 57.4 50.6 76.0

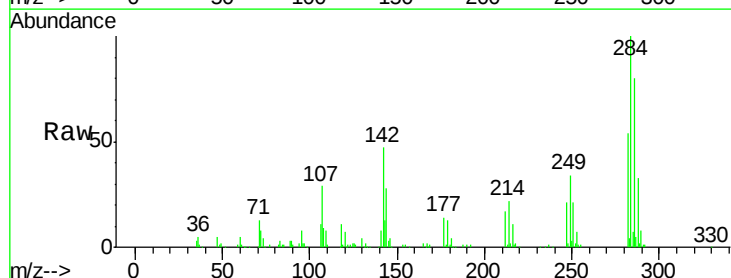


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

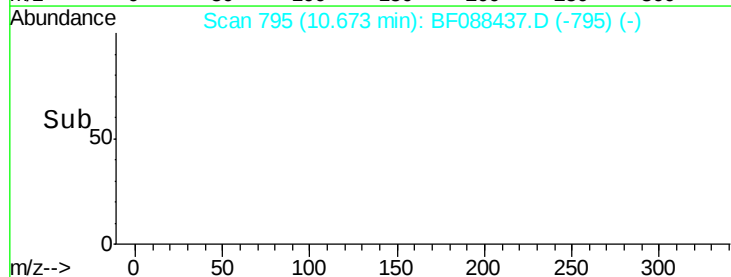
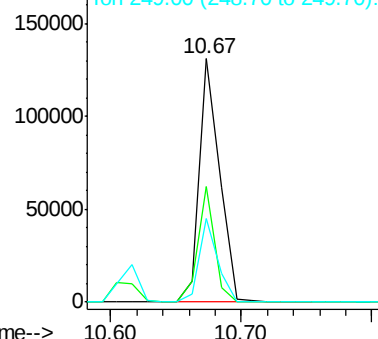


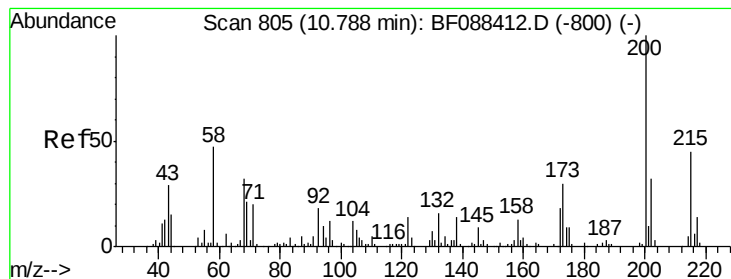
#67
Hexachlorobenzene
Concen: 37.26 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:284 Resp: 142084
Ion Ratio Lower Upper
284 100
142 47.3 35.8 53.8
249 34.2 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: 35.44 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

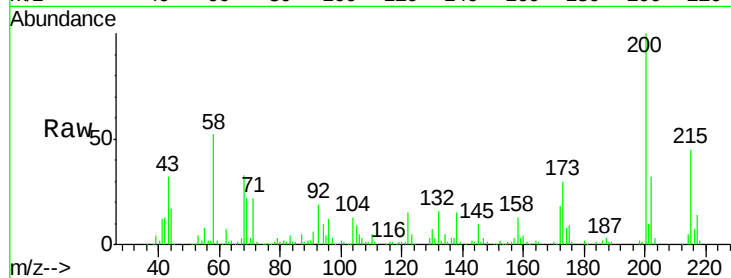
Tot Ion:200 Resp: 121818

Ion Ratio Lower Upper

200 100

173 30.5 4.0 44.0

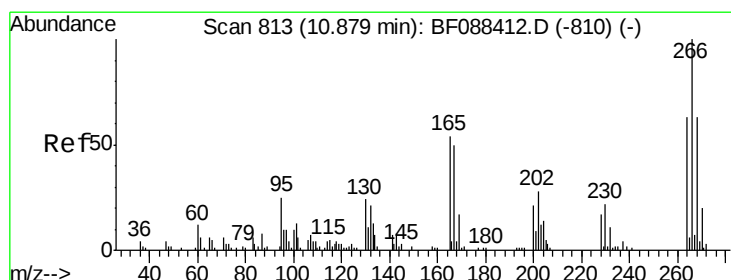
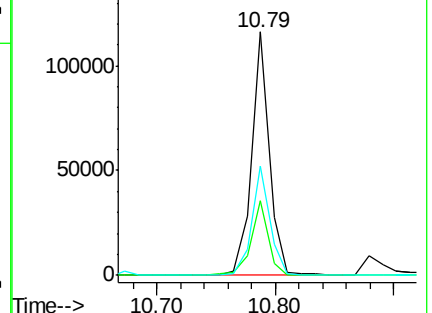
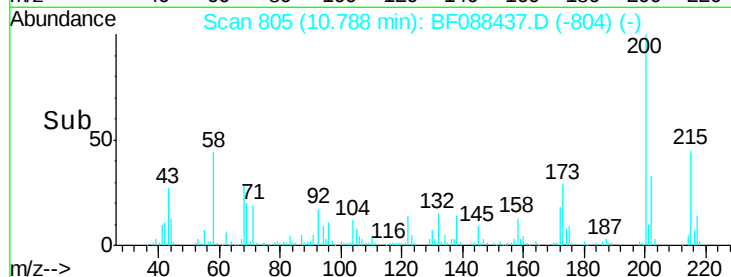
215 44.7 29.3 69.3



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: 42.92 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

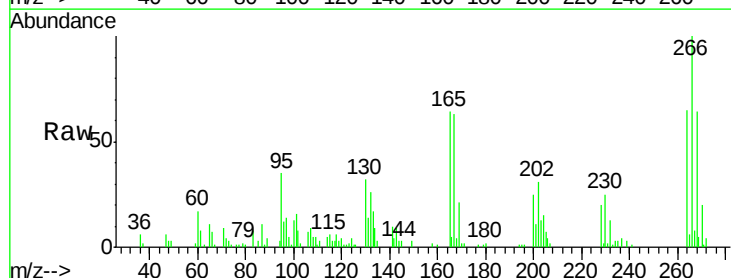
Tgt Ion:266 Resp: 86276

Ion Ratio Lower Upper

266 100

268 64.2 52.8 79.2

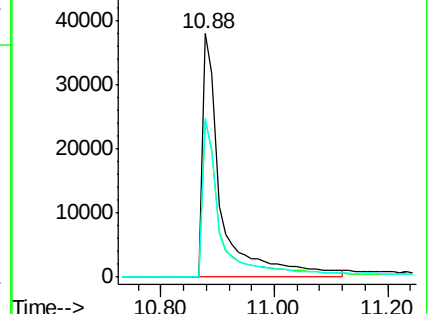
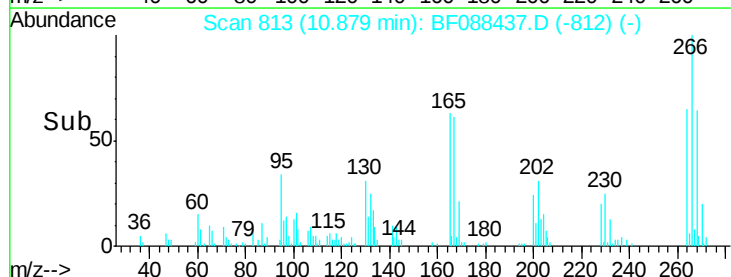
264 65.2 49.6 74.4

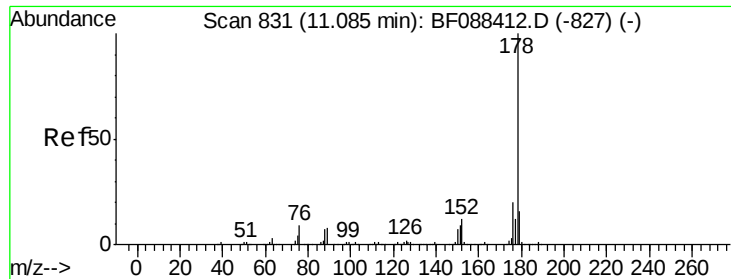


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

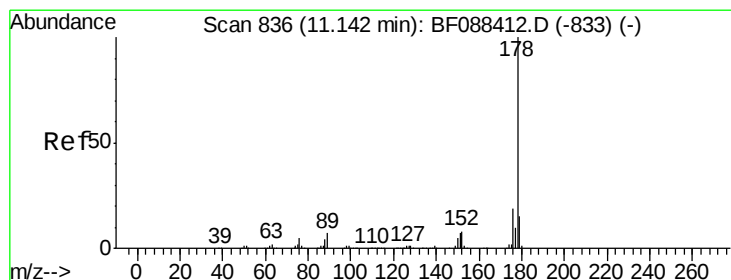
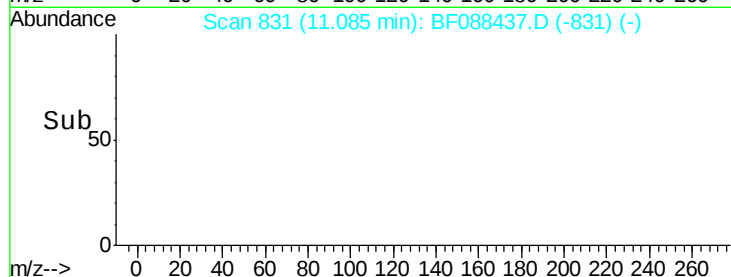
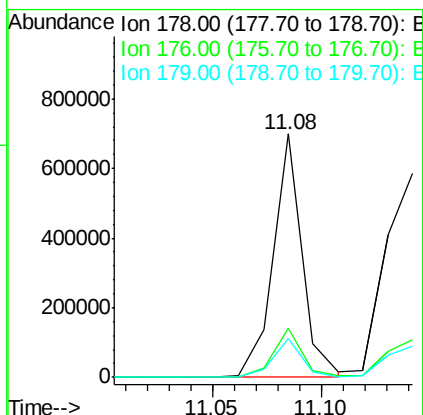
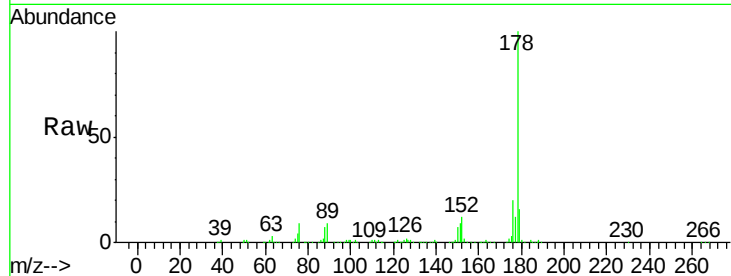




#70
Phenanthrene
Concen: 36.46 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

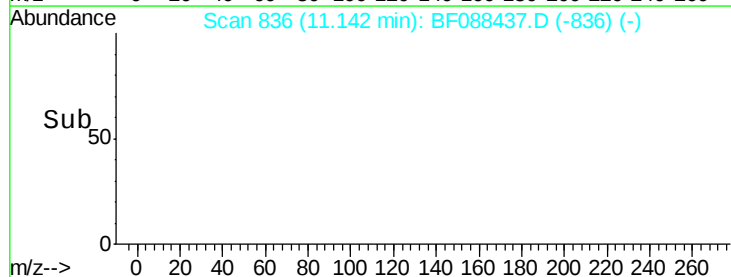
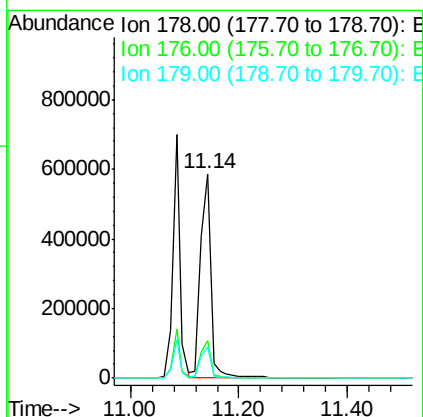
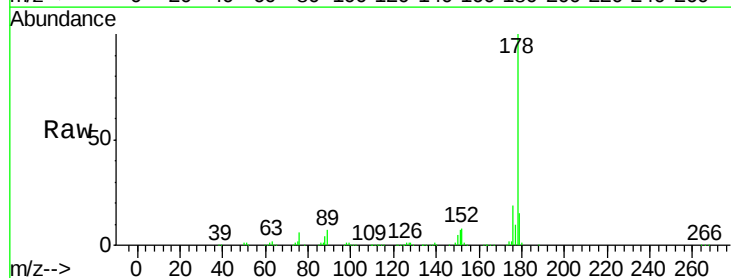
Instrument :
BNA_G
ClientSampleId :

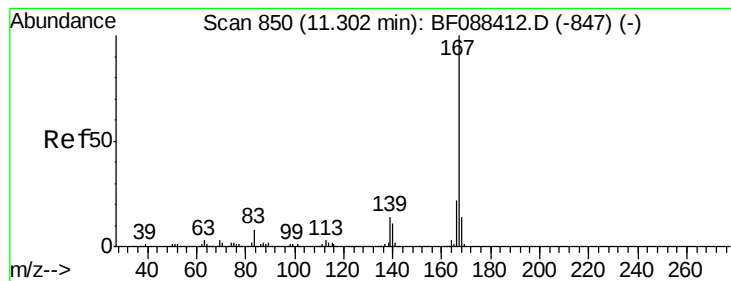
Tot Ion:178 Resp: 654531
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 15.8 13.0 19.4



#71
Anthracene
Concen: 42.66 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:178 Resp: 772581
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.3 12.8 19.2





#72

Carbazole

Concen: 39.36 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

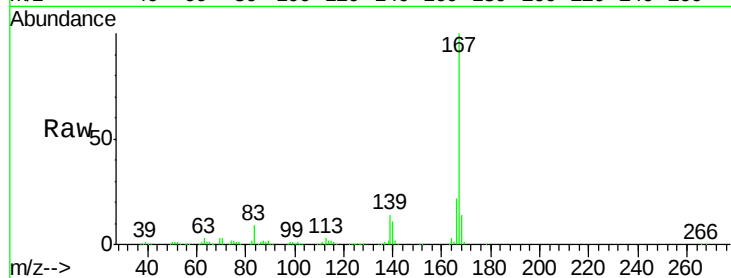
Tot Ion:167 Resp: 667056

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

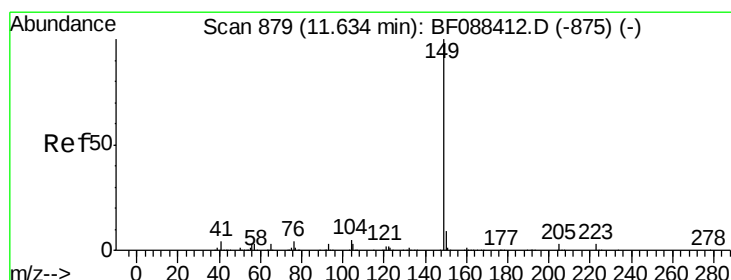
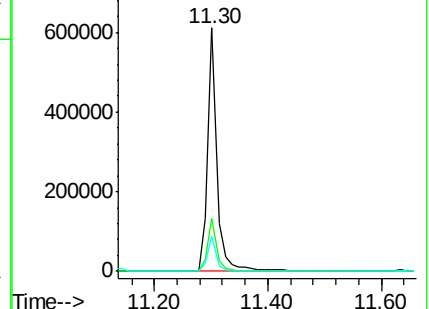
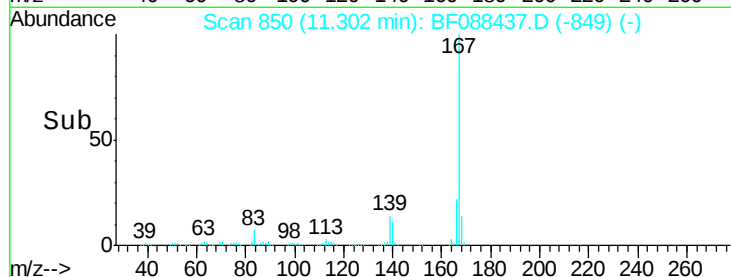
139 14.1 11.2 16.8



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: 38.97 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

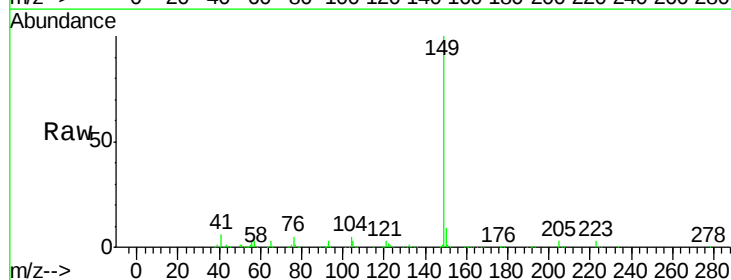
Tgt Ion:149 Resp: 836055

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

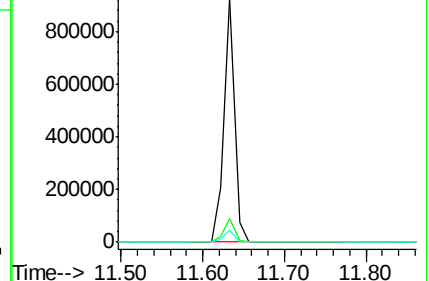
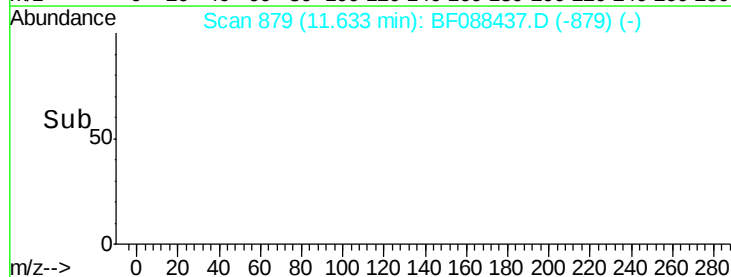
104 4.9 4.0 6.0

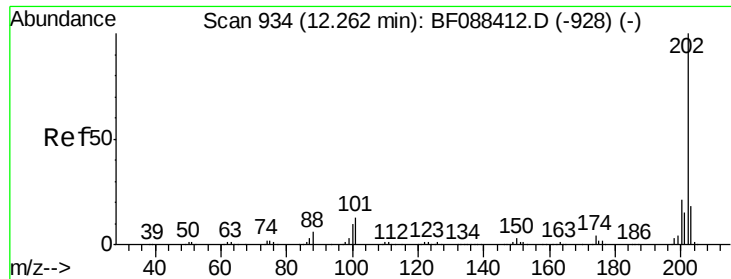


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

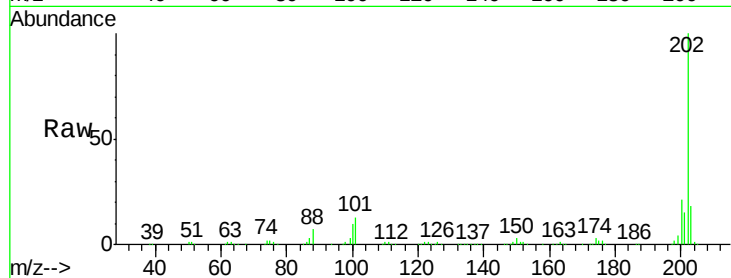




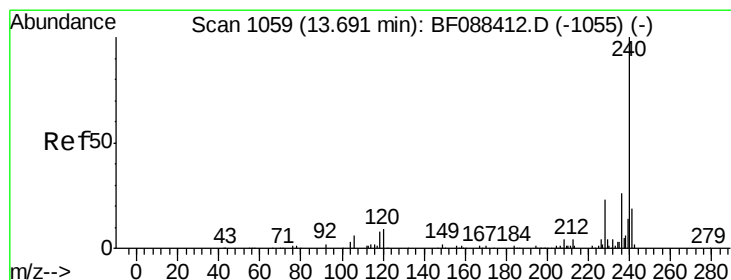
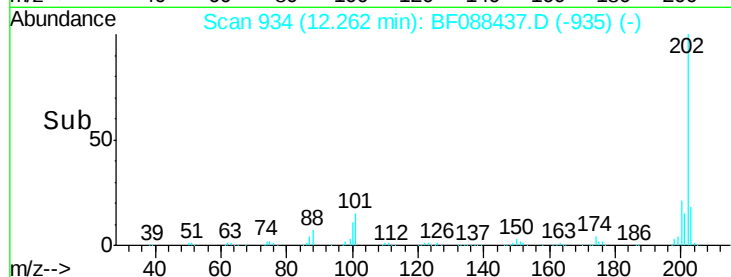
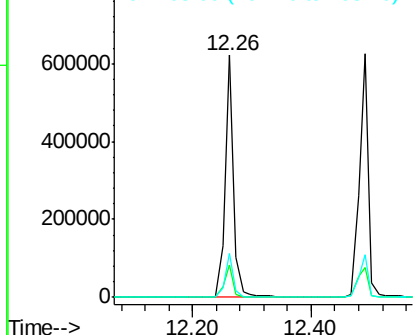
#74
 Fluoranthene
 Concen: 32.69 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.31 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.1
203	18.1	0.0	38.1

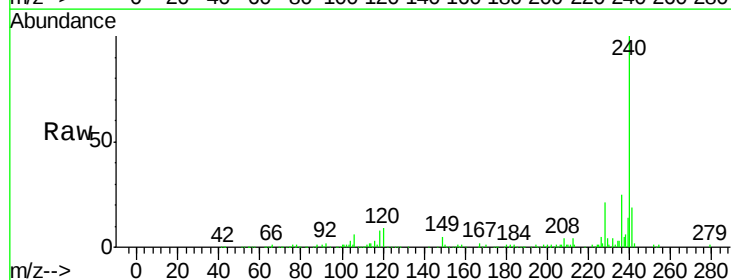


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

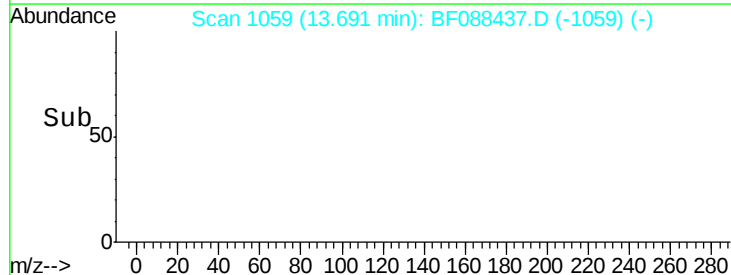
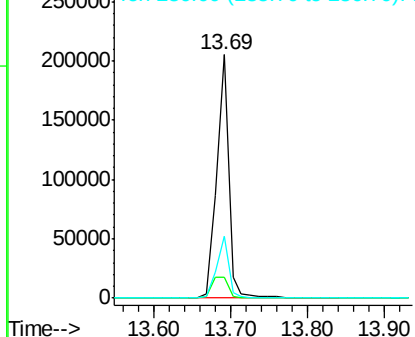


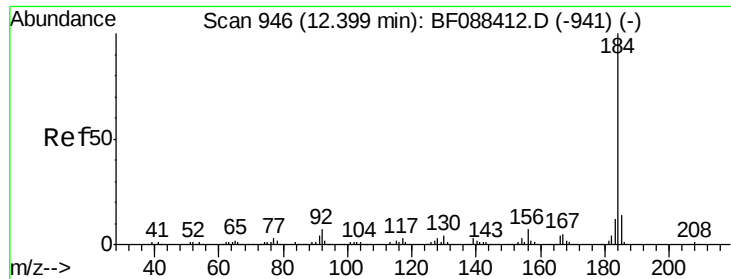
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	25.4	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

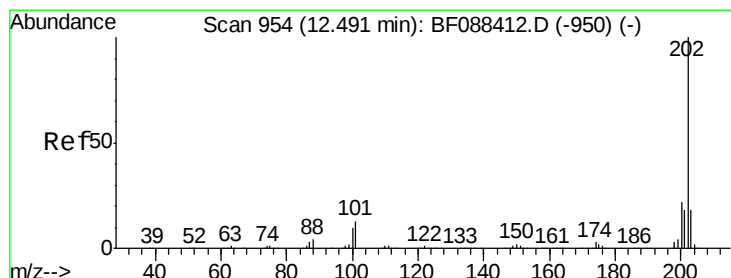
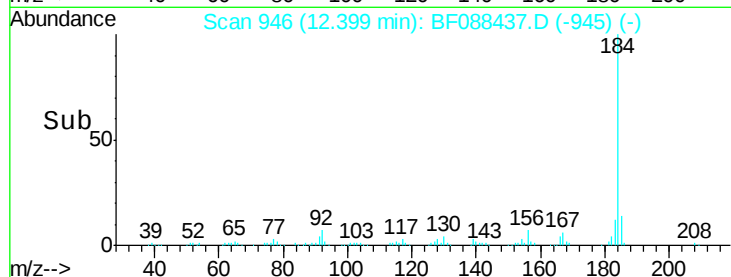
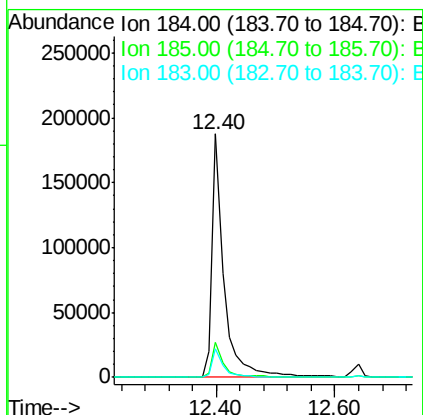
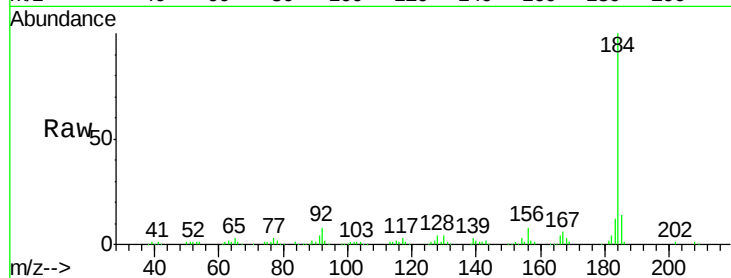




#76
Benzidine
Concen: 42.53 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

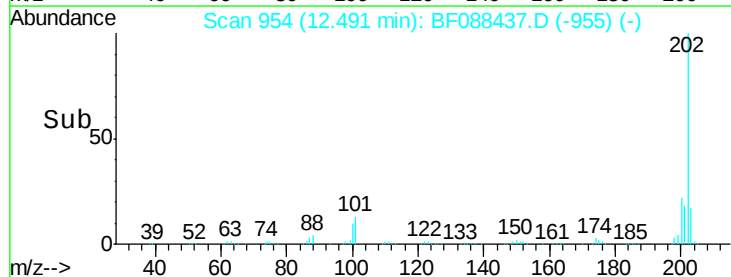
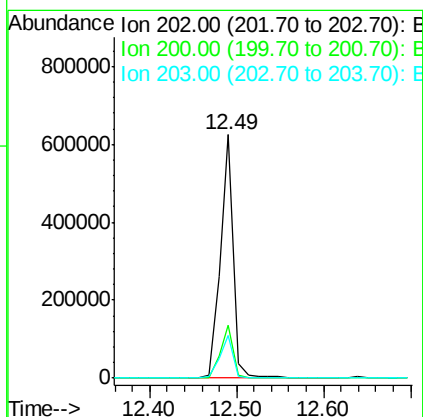
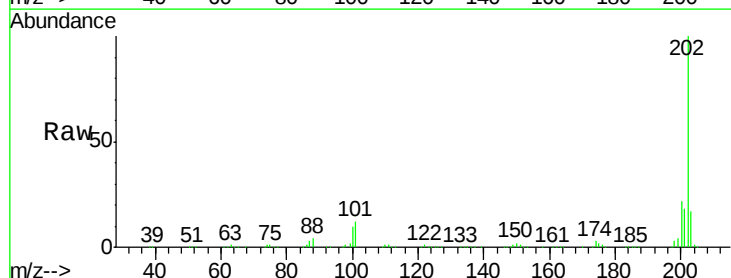
Instrument :
BNA_G
ClientSampleId :

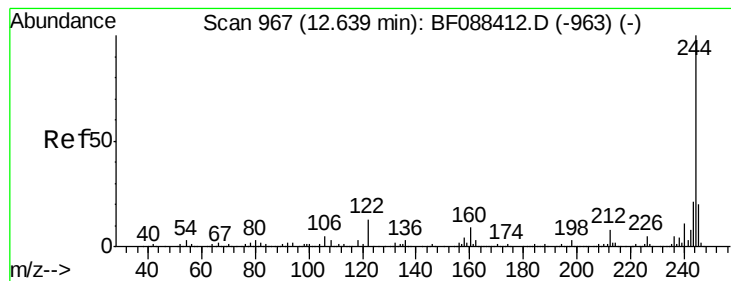
Tot Ion:184 Resp: 263347
Ion Ratio Lower Upper
184 100
185 14.5 12.5 18.7
183 11.8 9.3 13.9



#77
Pyrene
Concen: 39.14 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.31 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:202 Resp: 649590
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.5 21.7





#78

Terphenyl-d14

Concen: 72.11 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.31 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

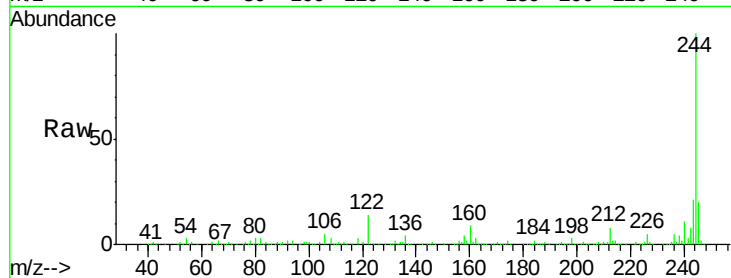
Tot Ion:244 Resp: 708695

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

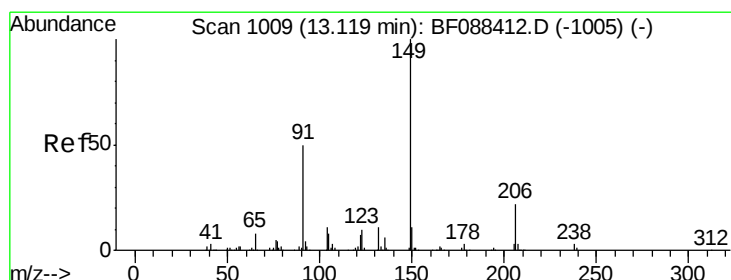
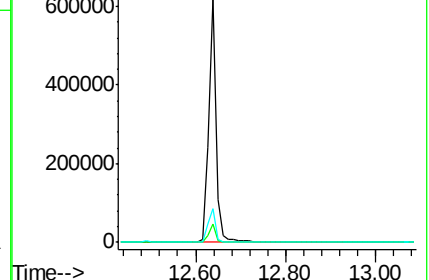
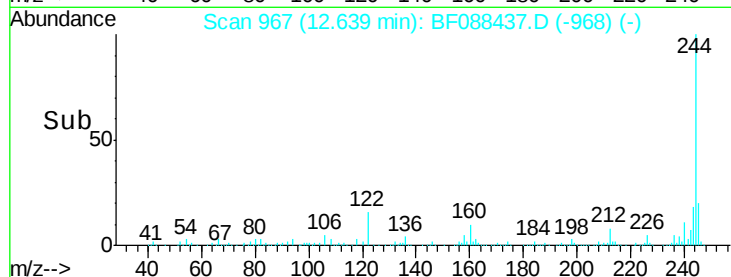
122 14.0 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.74 ng

RT: 13.12 min Scan# 1009

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

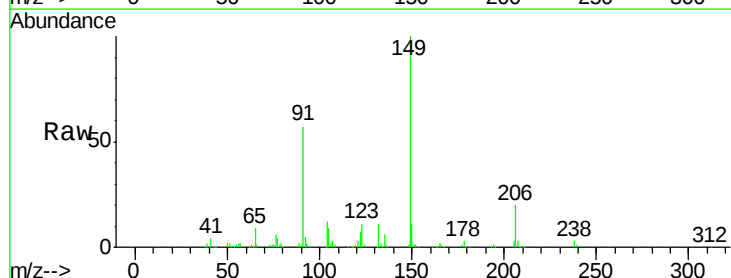
Tgt Ion:149 Resp: 342922

Ion Ratio Lower Upper

149 100

91 56.9 48.0 72.0

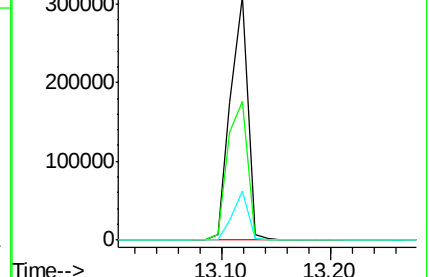
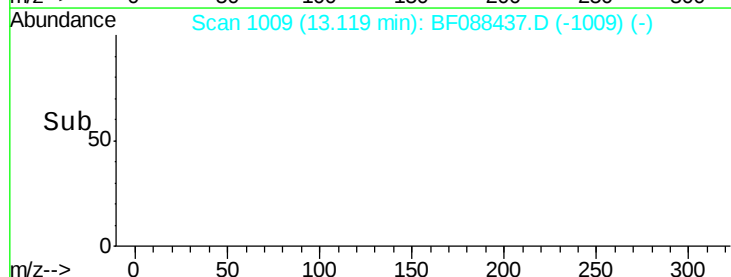
206 19.9 16.0 24.0

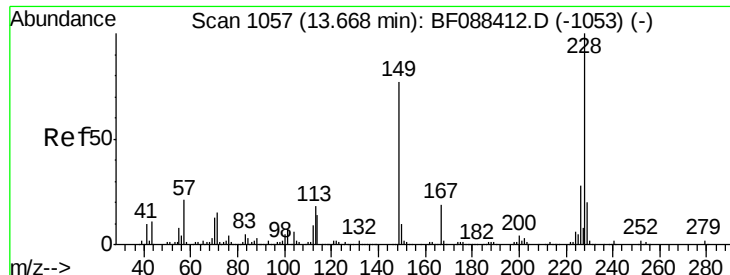


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.70 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

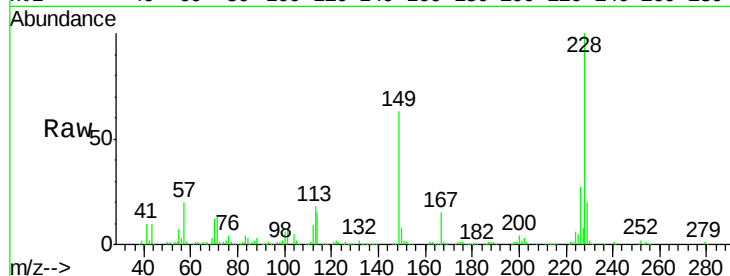
Tot Ion:228 Resp: 467747

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

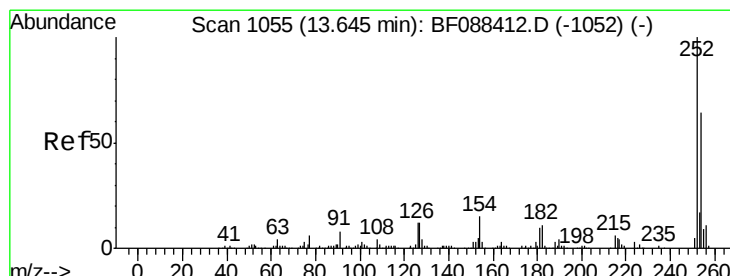
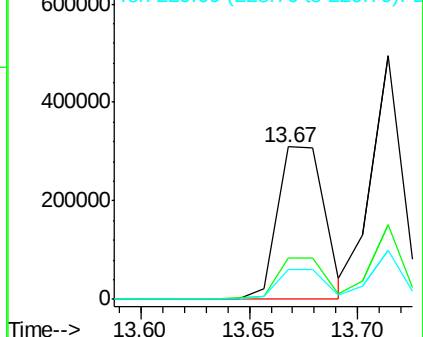
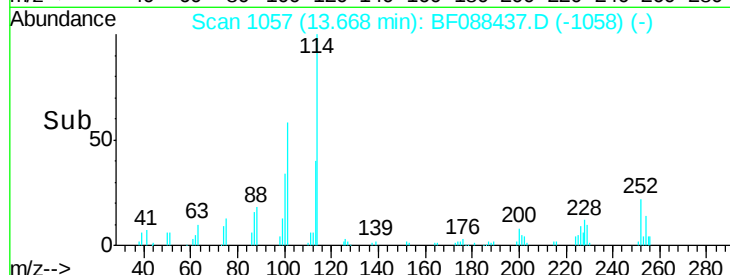
229 19.8 16.0 24.0



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



#81

3,3'-Dichlorobenzidine

Concen: 48.01 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

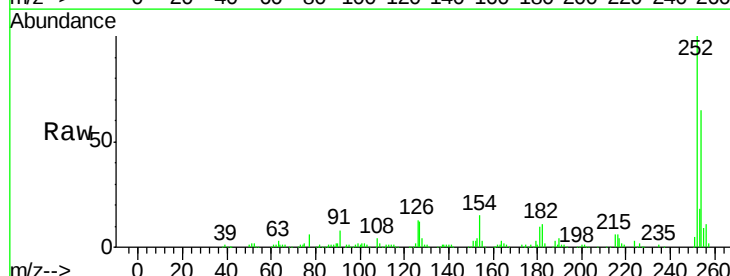
Tgt Ion:252 Resp: 164537

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

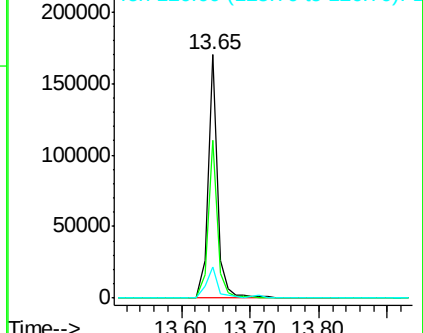
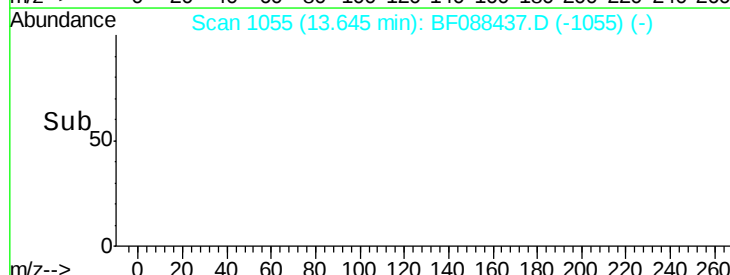
126 12.8 6.2 9.2#

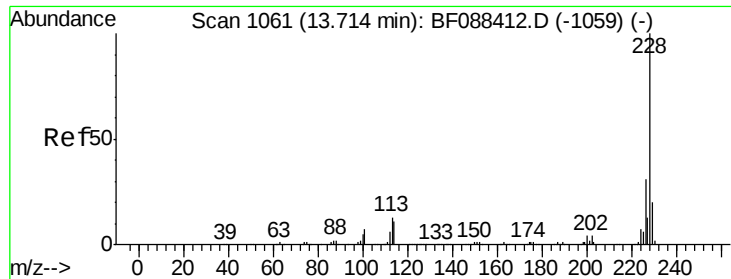


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.77 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

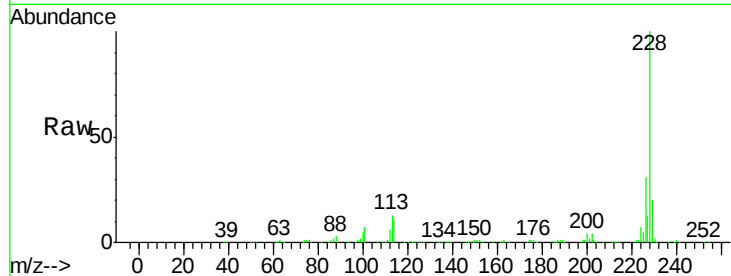
Tot Ion:228 Resp: 524797

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.2

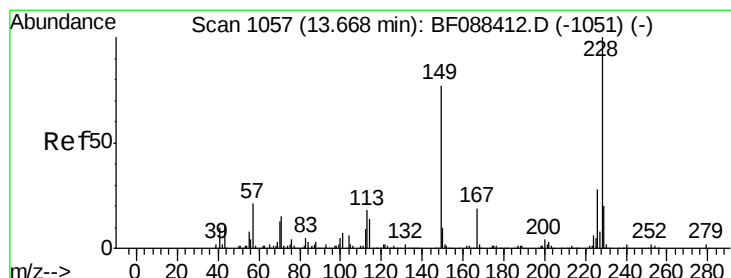
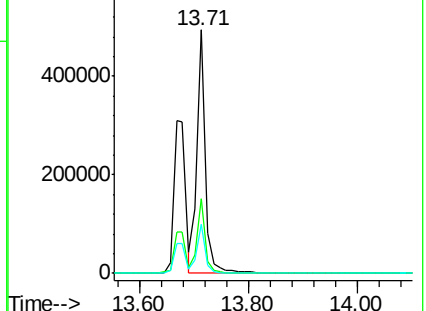
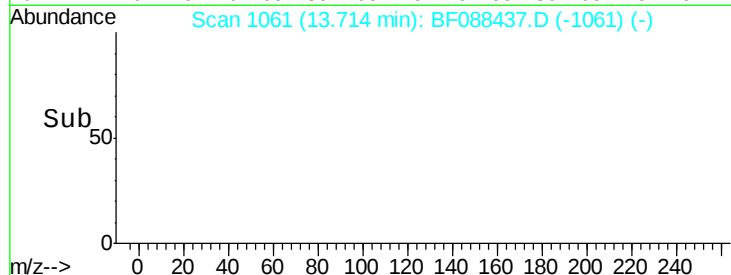
229 19.9 16.3 24.5



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: 44.58 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

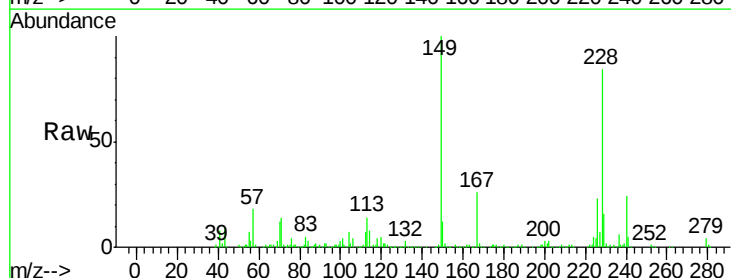
Tgt Ion:149 Resp: 398135

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

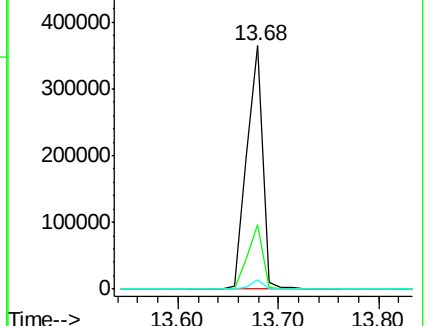
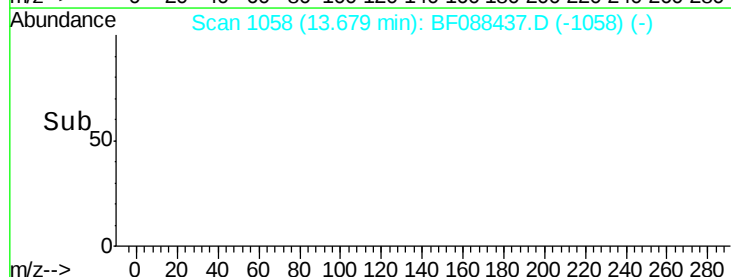
279 3.7 2.0 3.0#

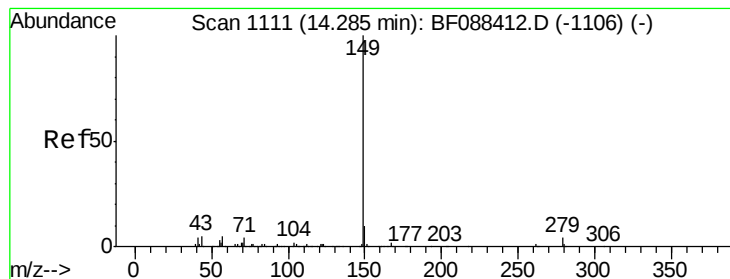


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.43 ng

RT: 14.29 min Scan# 1111

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_G

ClientSampleId :

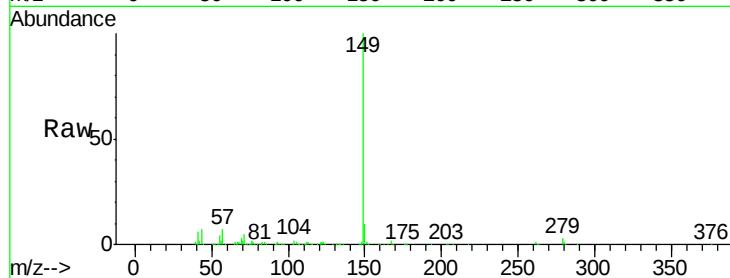
Tot Ion:149 Resp: 717409

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

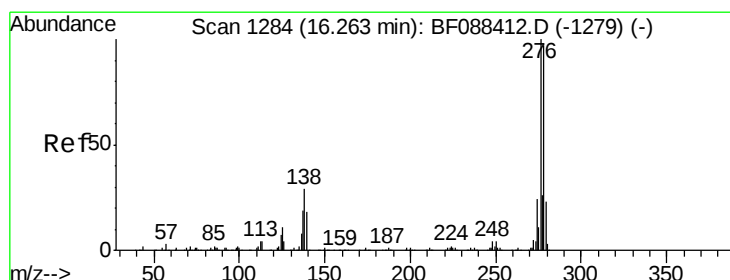
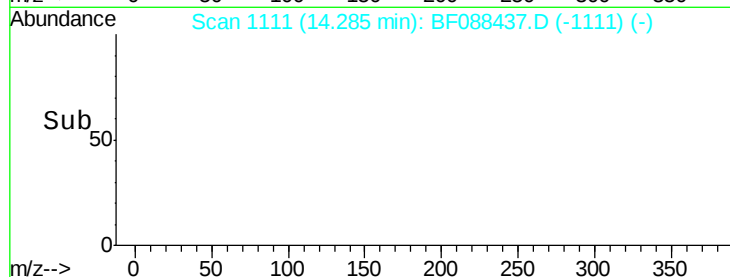
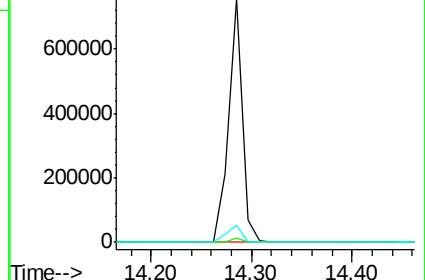
43 8.0 0.0 0.0#



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: 41.33 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.51 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

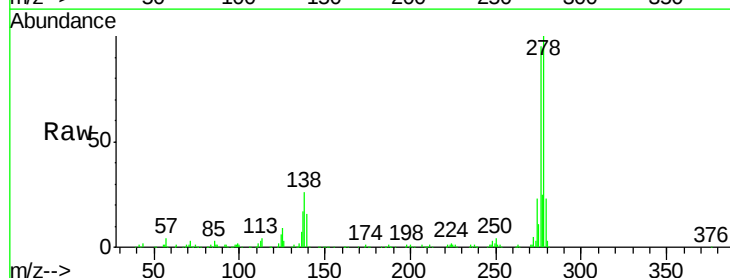
Tgt Ion:276 Resp: 460320

Ion Ratio Lower Upper

276 100

138 30.2 0.0 0.0#

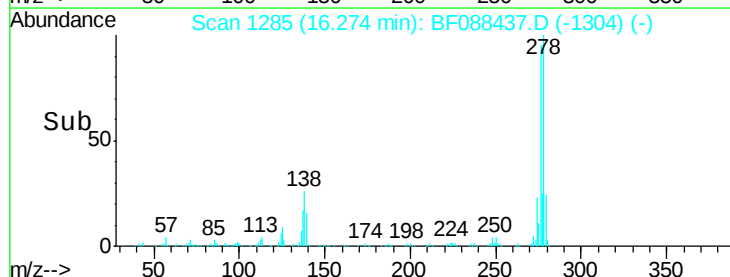
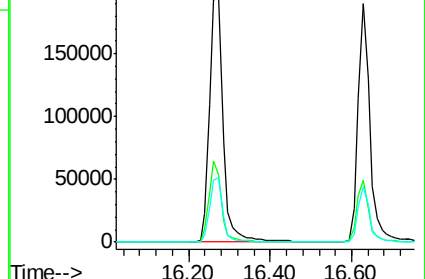
277 25.2 0.0 0.0#

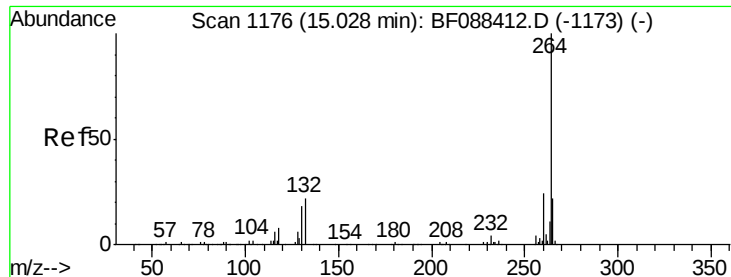


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

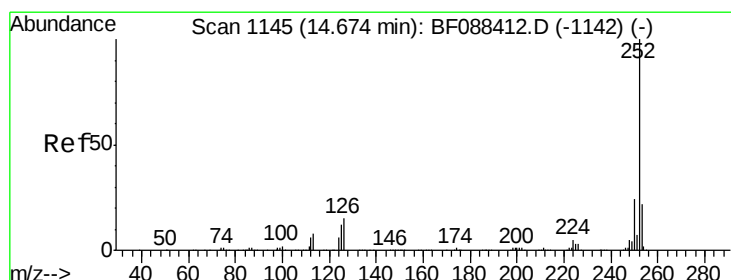
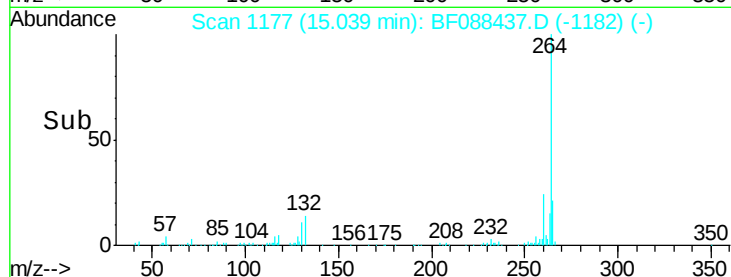
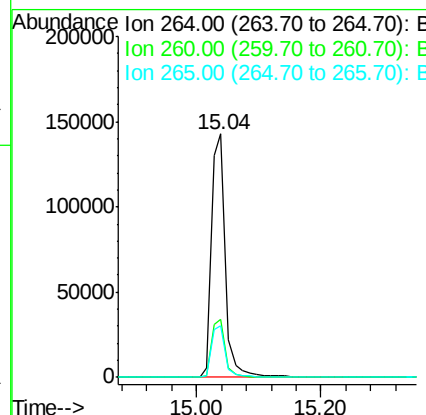
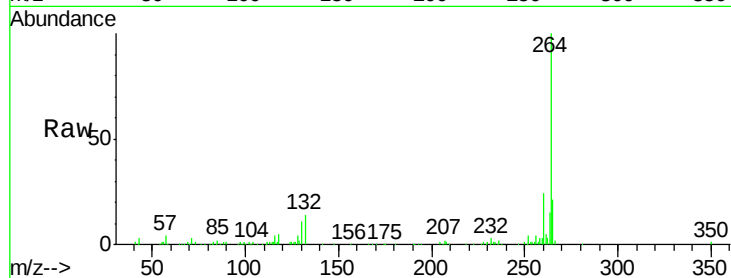




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.35 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

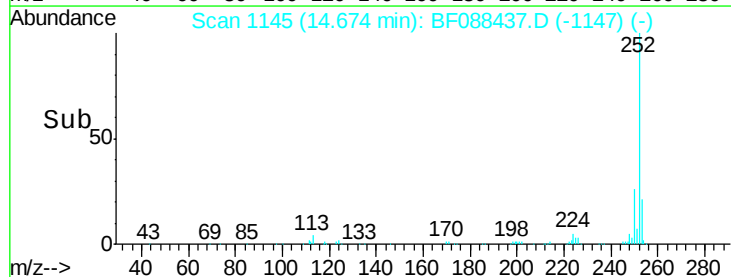
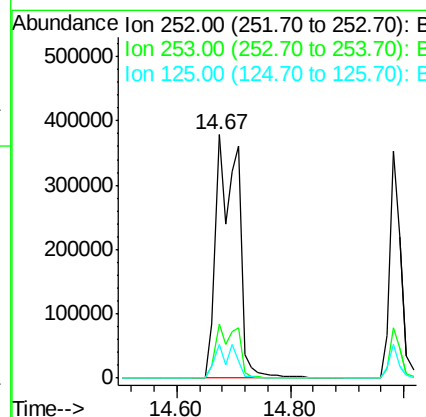
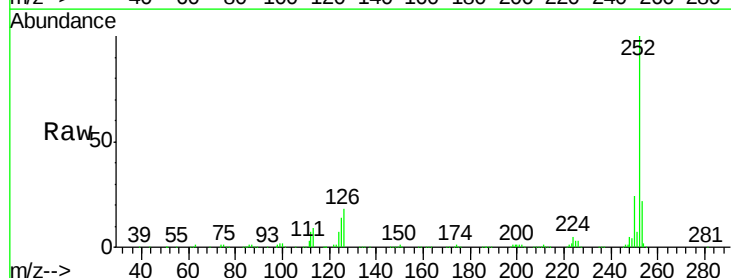
Instrument :
BNA_G
ClientSampleId :

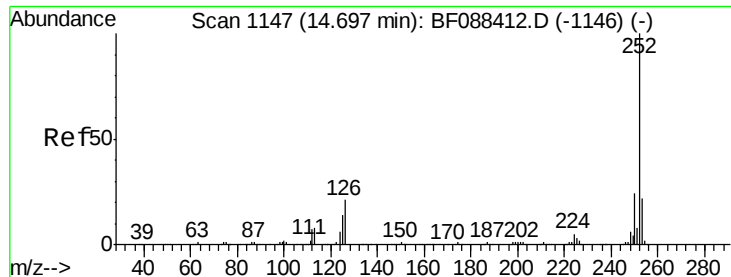
Tot Ion:264 Resp: 221240
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 65.88 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.32 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:252 Resp: 1015886
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.7 7.1 10.7#

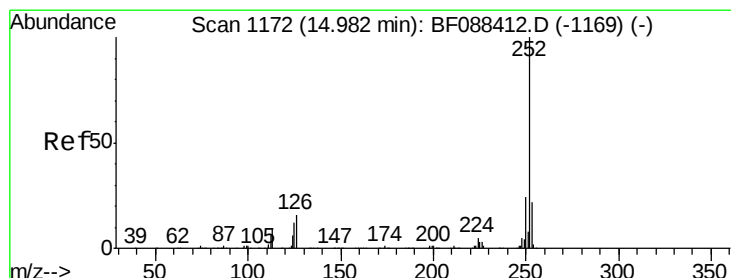
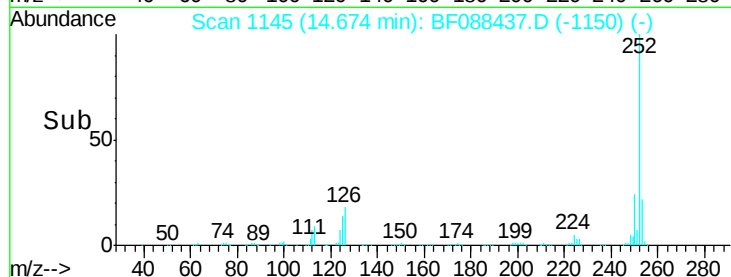
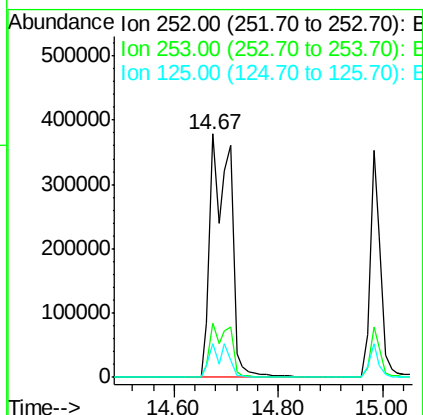
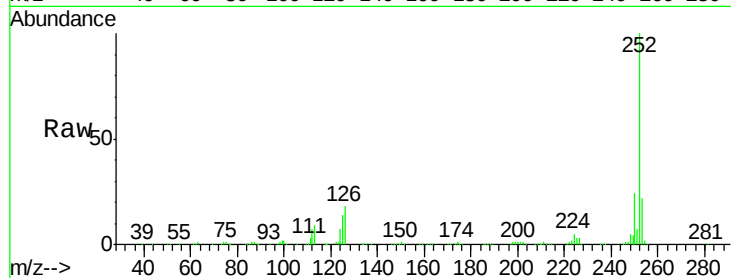




#88
Benzo(k)fluoranthene
Concen: 87.42 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.35 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

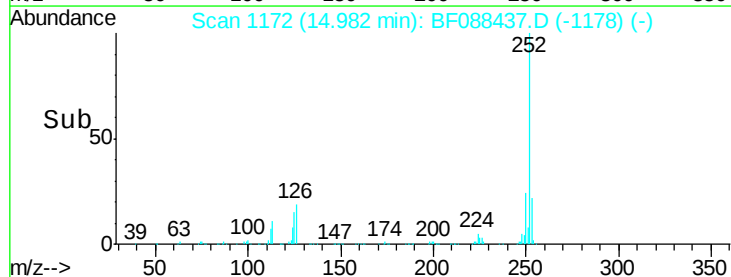
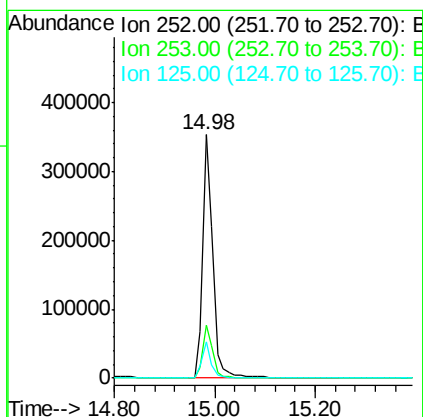
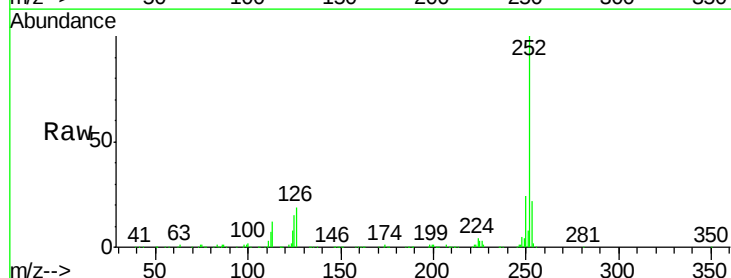
Instrument :
BNA_G
ClientSampleId :

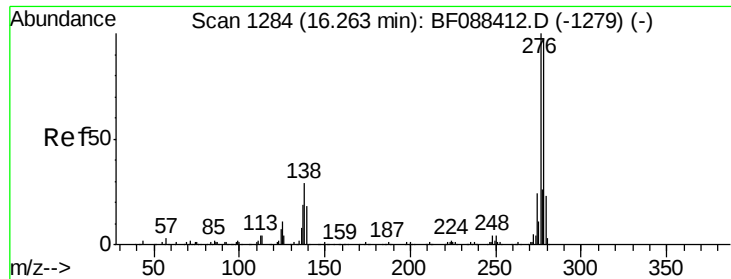
Tot Ion:252 Resp: 1016857
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 39.26 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.37 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:252 Resp: 489754
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.0 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 34.14 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.53 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

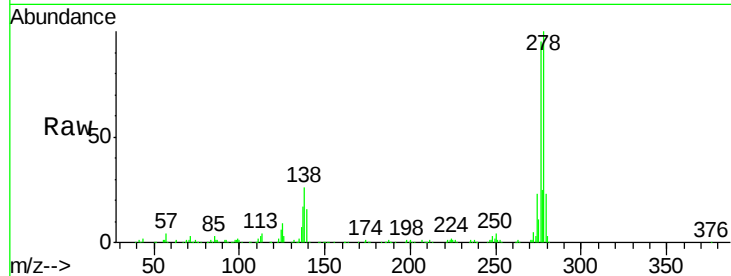
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 395608

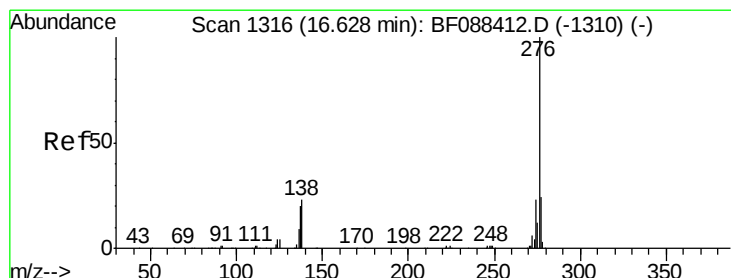
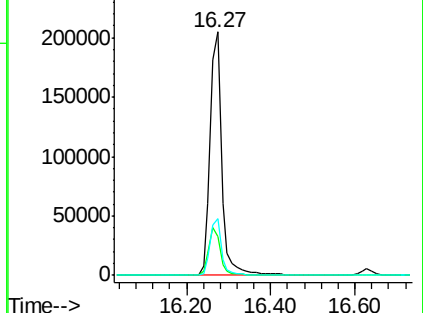
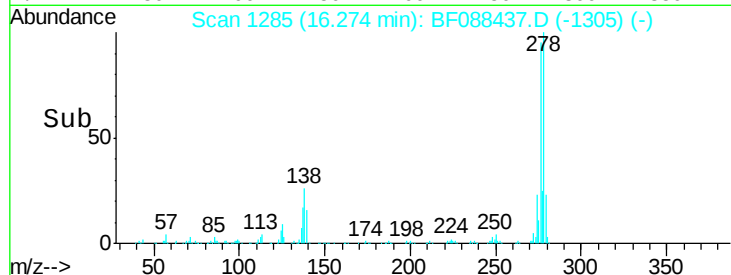
Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.7	23.5
279	23.5	19.4	29.2



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: 32.82 ng

RT: 16.63 min Scan# 1316

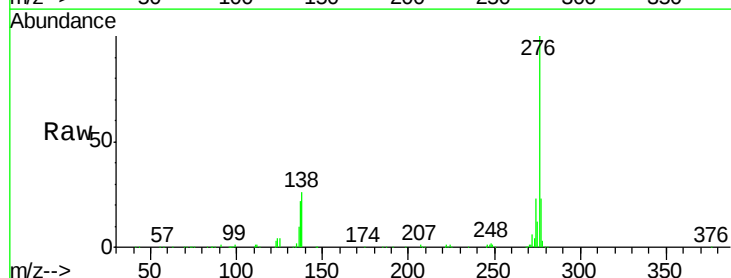
Delta R.T. -0.57 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Tgt Ion:276 Resp: 391196

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	25.9	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

