

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082421.D
 Acq On : 21 Oct 2015 23:19
 Operator : UM/IZ
 Sample : G4071-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

Quant Time: Oct 22 11:00:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107380	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	423698	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	218538	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	413780	20.00	ng	0.00
75) Chrysene-d12	13.97	240	321162	20.00	ng	-0.05
86) Perylene-d12	15.43	264	250902	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	687853	129.28	ng	0.02
7) Phenol-d6	6.42	99	802179	115.86	ng	0.00
23) Nitrobenzene-d5	7.35	82	598318	94.83	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	212698	103.78	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1211126	91.91	ng	0.00
78) Terphenyl-d14	12.89	244	1024162	84.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	92230	34.50	ng	# 84
3) Pyridine	3.17	79	95925	15.43	ng	98
4) n-Nitrosodimethylamine	3.09	42	102683	38.94	ng	99
6) Aniline	6.45	93	41253	4.62	ng	# 1
8) 2-Chlorophenol	6.56	128	260150	40.05	ng	94
9) Benzaldehyde	6.32	77	46865	13.25	ng	97
10) Phenol	6.43	94	287420	36.01	ng	89
11) bis(2-Chloroethyl)ether	6.51	93	257949	38.21	ng	96
12) 1,3-Dichlorobenzene	6.71	146	288008	38.08	ng	99
13) 1,4-Dichlorobenzene	6.79	146	301190	38.13	ng	100
14) 1,2-Dichlorobenzene	6.94	146	269760	35.96	ng	98
15) Benzyl Alcohol	6.93	79	206870	43.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	359330	38.22	ng	79
17) 2-Methylphenol	7.04	107	203517	39.62	ng	97
18) Hexachloroethane	7.28	117	103267	38.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.19	70	186173	38.29	ng	# 85
20) 3+4-Methylphenols	7.20	107	253585	41.43	ng	# 74
22) Acetophenone	7.19	105	353236	42.15	ng	92
24) Nitrobenzene	7.36	77	254170	37.22	ng	98
25) Isophorone	7.60	82	503659	39.55	ng	100
26) 2-Nitrophenol	7.68	139	148192	43.46	ng	95
27) 2,4-Dimethylphenol	7.73	122	243530	44.33	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	327318	44.18	ng	99
29) 2,4-Dichlorophenol	7.92	162	231796	42.21	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	250753	39.61	ng	99
31) Naphthalene	8.08	128	759797	41.37	ng	100
32) Benzoic acid	7.86	122	127667	34.62	ng	96
33) 4-Chloroaniline	8.15	127	32774	4.30	ng	97
34) Hexachlorobutadiene	8.19	225	154532	39.18	ng	98
35) Caprolactam	8.55	113	18999	11.92	ng	88
36) 4-Chloro-3-methylphenol	8.63	107	225729	42.03	ng	98
37) 2-Methylnaphthalene	8.78	142	548535	43.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	255865	39.36	ng	98
40) Hexachlorocyclopentadiene	8.93	237	191594	60.51	ng	100

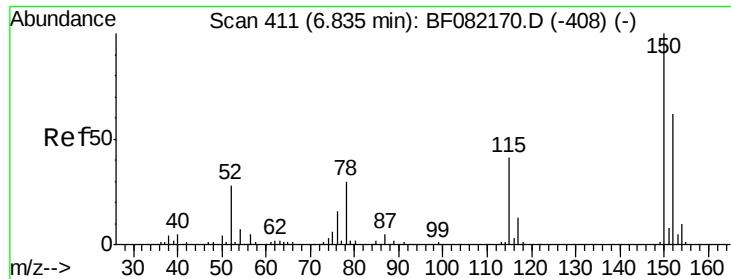
Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	166392	38.54	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	184483	39.45	nq	98
45) 1,1'-Biphenyl	9.23	154	626391	37.59	nq	99
46) 2-Chloronaphthalene	9.27	162	513459	39.14	nq	99
47) 2-Nitroaniline	9.37	65	151071	41.95	nq	# 72
48) Acenaphthylene	9.68	152	833764	40.80	nq	100
49) Dimethylphthalate	9.54	163	606530	39.41	nq	100
50) 2,6-Dinitrotoluene	9.61	165	131315	40.44	nq	# 83
51) Acenaphthene	9.85	154	498396	40.62	nq	98
52) 3-Nitroaniline	9.78	138	26245	7.16	nq	99
53) 2,4-Dinitrophenol	9.90	184	144457	79.64	nq	# 89
54) Dibenzofuran	10.02	168	694480	41.23	nq	99
55) 4-Nitrophenol	9.95	139	142049	61.71	nq	# 78
56) 2,4-Dinitrotoluene	10.02	165	178131	43.89	nq	90
57) Fluorene	10.37	166	581069	42.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	149261	39.06	nq	97
59) Diethylphthalate	10.25	149	620582	43.26	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	260767	41.15	nq	98
61) 4-Nitroaniline	10.40	138	120856	33.97	nq	95
62) Azobenzene	10.51	77	568795	40.51	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	92430	39.80	nq	# 58
65) n-Nitrosodiphenylamine	10.48	169	479283	38.69	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	154753	37.37	nq	93
67) Hexachlorobenzene	10.91	284	176128	39.33	nq	95
68) Atrazine	11.02	200	159356	40.60	nq	95
69) Pentachlorophenol	11.11	266	170361	73.92	nq	98
70) Phenanthrene	11.33	178	813843	40.13	nq	100
71) Anthracene	11.38	178	918558	43.95	nq	100
72) Carbazole	11.54	167	779437	40.88	nq	98
73) Di-n-butylphthalate	11.86	149	939492	39.94	nq	100
74) Fluoranthene	12.52	202	853329	39.17	nq	98
76) Benzidine	12.65	184	40921	4.40	nq	97
77) Pyrene	12.74	202	859888	45.12	nq	99
79) Butylbenzylphthalate	13.37	149	417370	47.98	nq	89
80) Benzo(a)anthracene	13.96	228	674597	40.37	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	103599	16.33	nq	# 98
82) Chrysene	13.99	228	706189	40.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	563560	45.41	nq	99
84) Di-n-octyl phthalate	14.60	149	904995	42.47	nq	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	549717	39.28	nq	98
87) Benzo(b)fluoranthene	15.05	252	1174958	76.97	nq	# 97
88) Benzo(k)fluoranthene	15.05	252	1175958	91.65	nq	99
89) Benzo(a)pyrene	15.37	252	539506	41.13	nq	# 97
90) Dibenzo(a,h)anthracene	16.82	278	460594	42.84	nq	97
91) Benzo(g,h,i)perylene	17.24	276	463254	44.36	nq	98

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

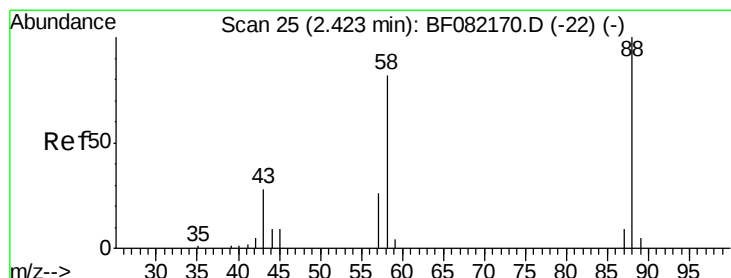
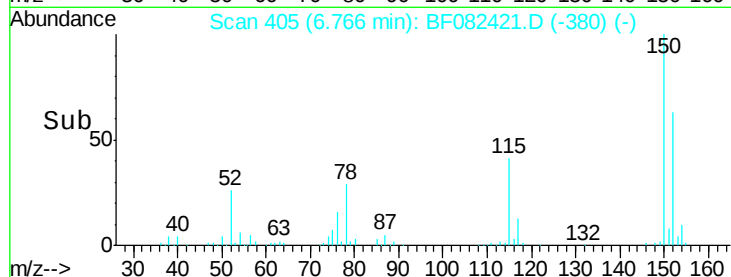
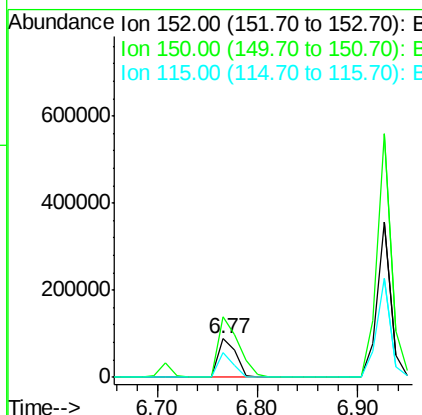
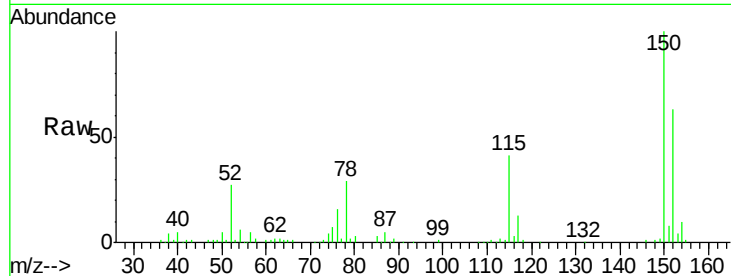


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

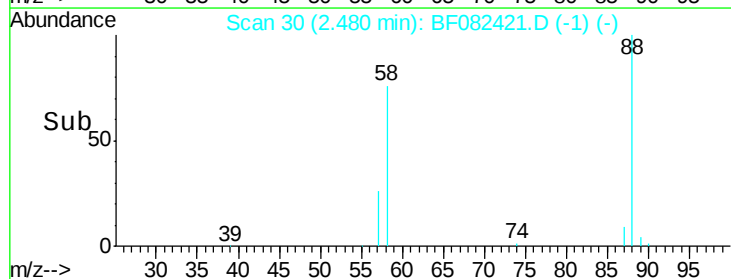
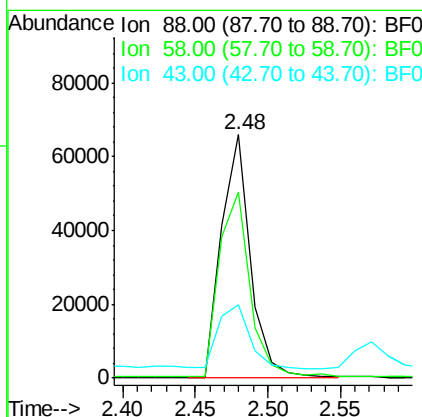
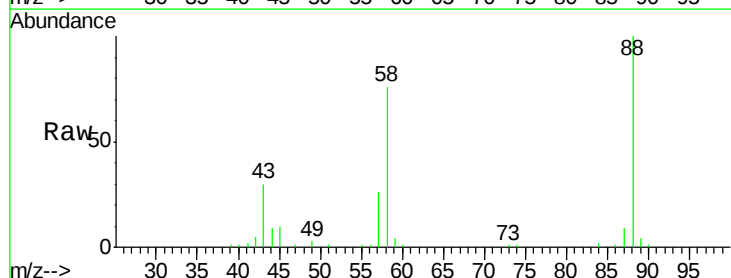
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.0	193.4
115	65.6	52.1	78.1

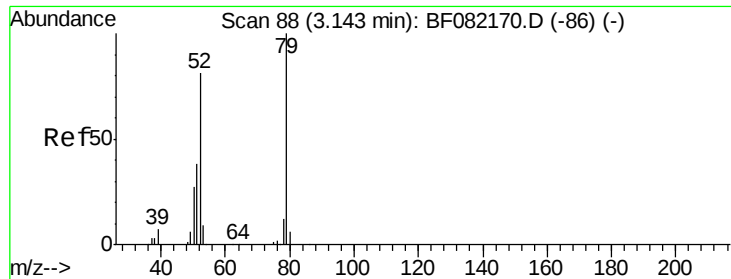


#2

1,4-Dioxane
Concen: 34.50 ng
RT: 2.48 min Scan# 30
Delta R.T. 0.18 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	66.2	99.4
43	0.0	23.0	34.4

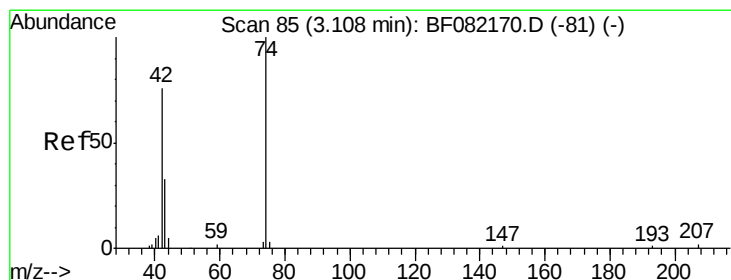
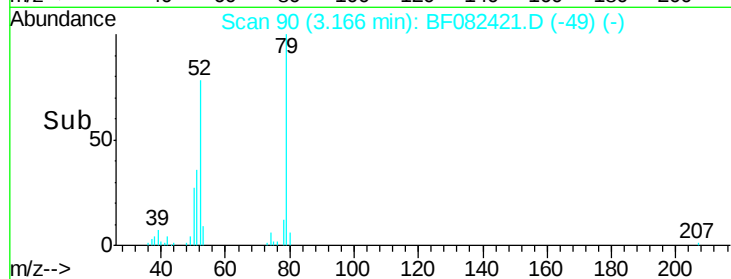
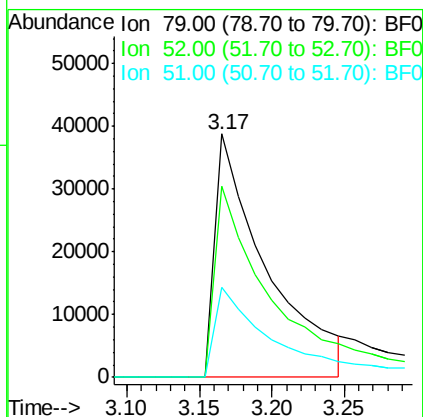
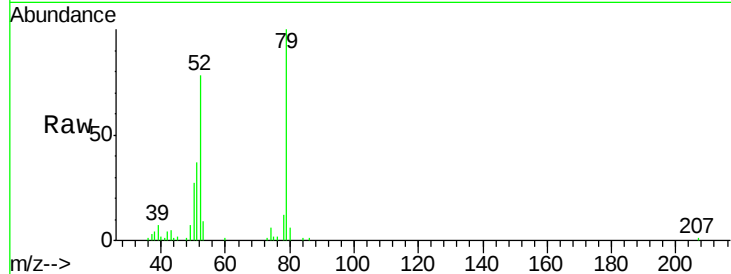




#3
 Pvridine
 Concen: 15.43 ng
 RT: 3.17 min Scan# 90
 Delta R.T. 0.17 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

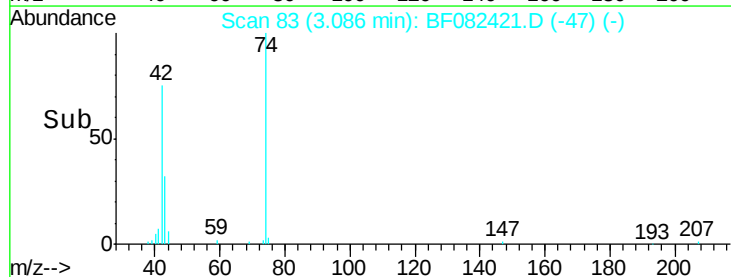
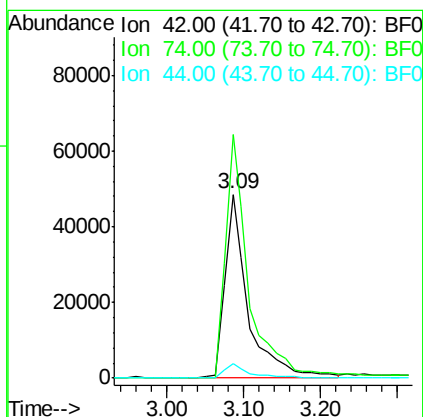
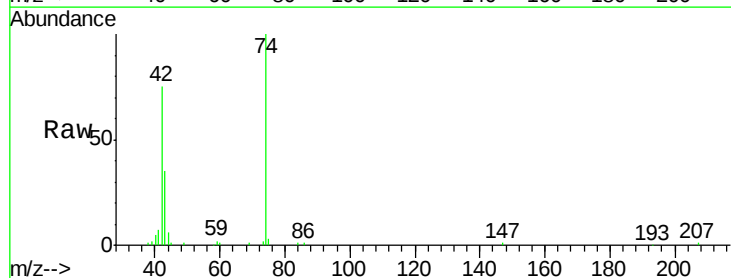
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

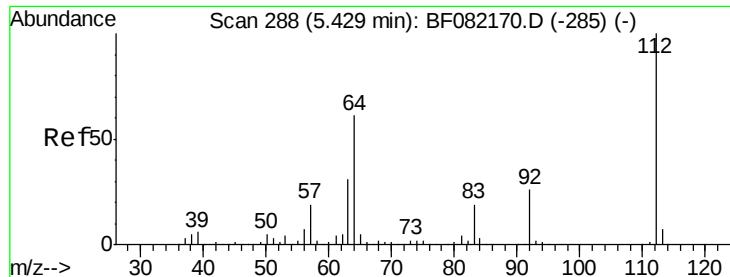
Tot Ion: 79 Resp: 95925
 Ion Ratio Lower Upper
 79 100
 52 78.4 64.4 96.6
 51 36.9 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 38.94 ng
 RT: 3.09 min Scan# 83
 Delta R.T. 0.11 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion: 42 Resp: 102683
 Ion Ratio Lower Upper
 42 100
 74 132.7 105.7 158.5
 44 7.7 5.4 8.2





#5

2-Fluorophenol

Concen: 129.28 ng

RT: 5.38 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

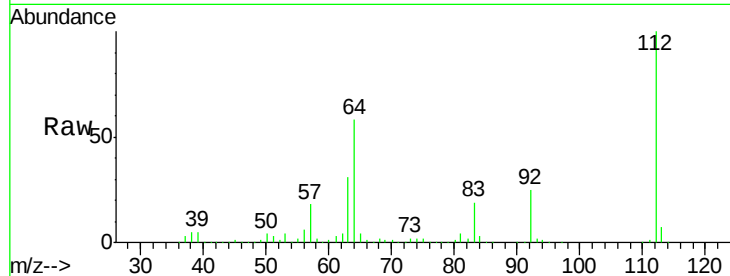
Tot Ion:112 Resp: 687853

Ion Ratio Lower Upper

112 100

64 58.4 48.6 73.0

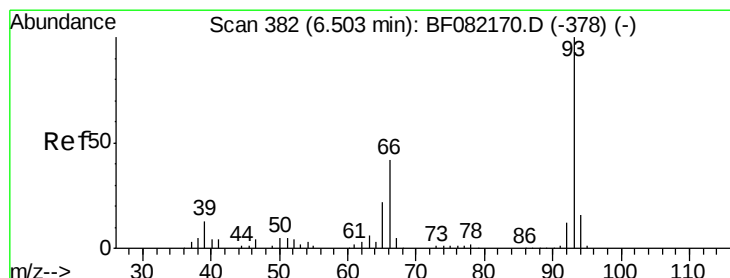
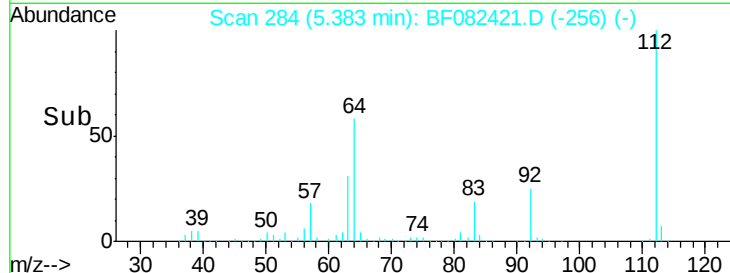
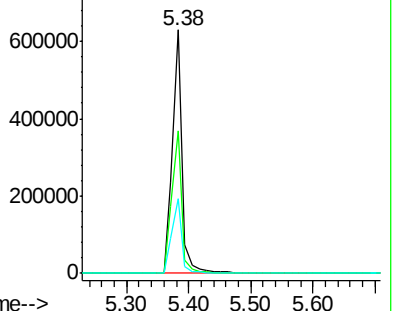
63 30.9 25.1 37.7



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: 4.62 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

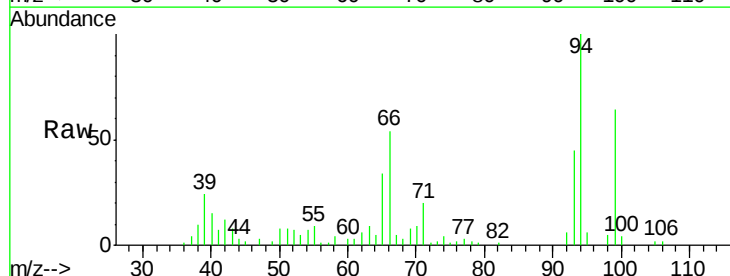
Tgt Ion: 93 Resp: 41253

Ion Ratio Lower Upper

93 100

66 120.3 34.2 51.2#

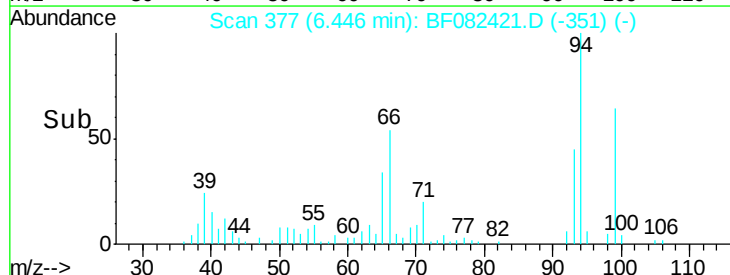
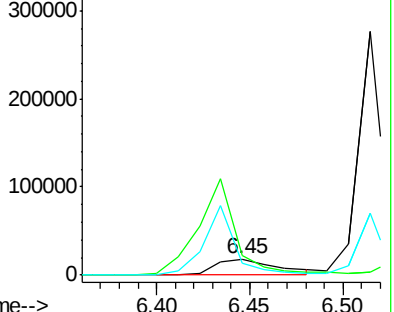
65 75.1 17.9 26.9#

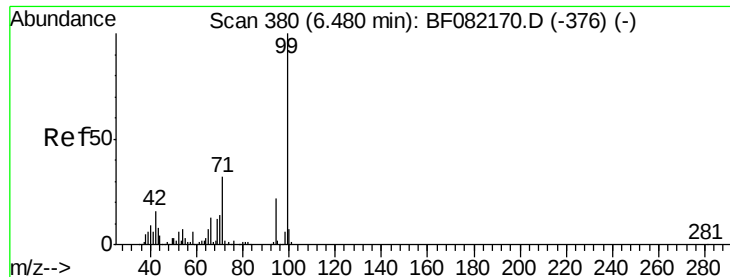


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.86 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082421.D

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ClientSampleId :

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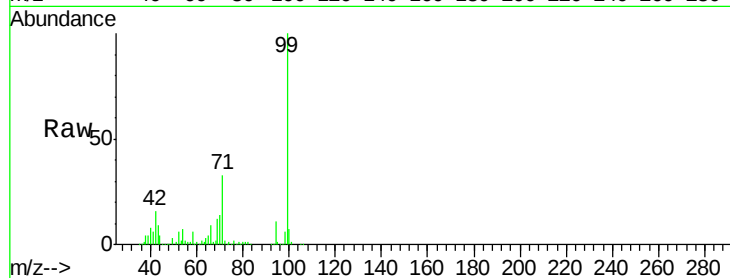
Tot Ion: 99 Resp: 802179

Ion Ratio Lower Upper

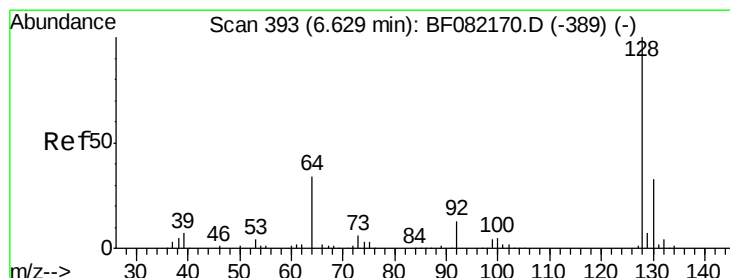
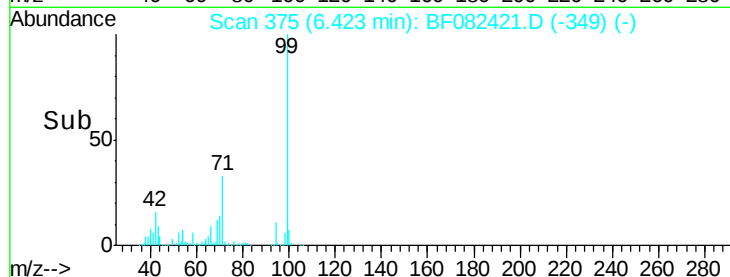
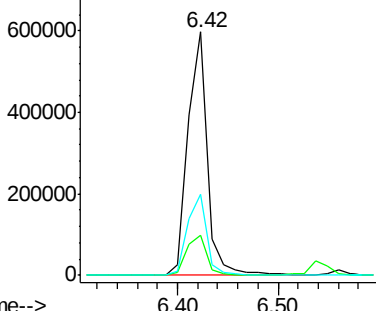
99 100

42 16.4 13.2 19.8

71 33.0 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.05 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

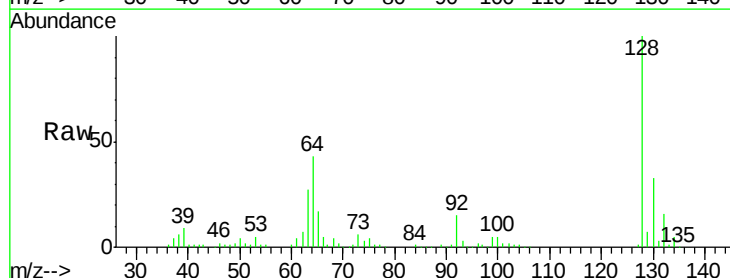
Tgt Ion: 128 Resp: 260150

Ion Ratio Lower Upper

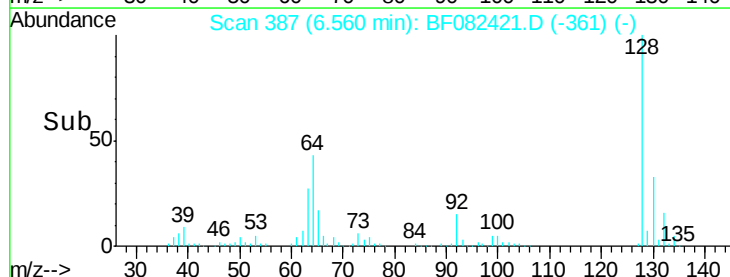
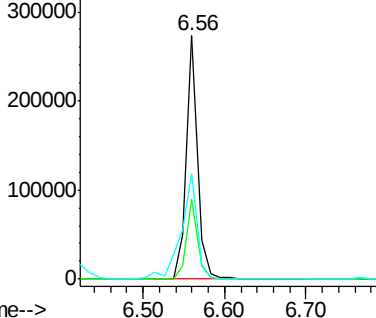
128 100

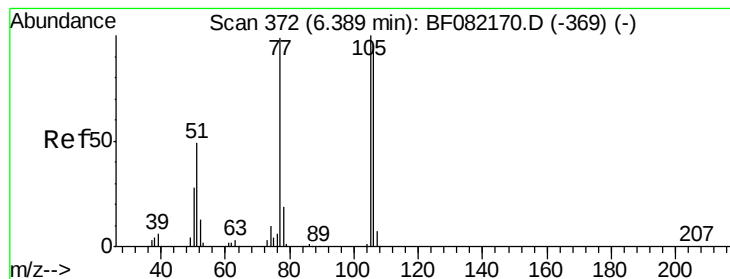
130 32.7 12.6 52.6

64 43.1 16.7 56.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.25 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

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ClientSampleId :

B11-WASTE-CHAR.-2MSD

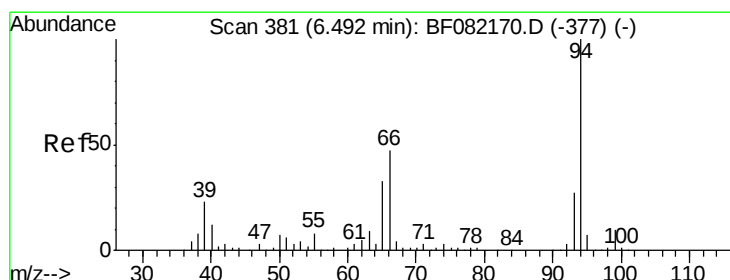
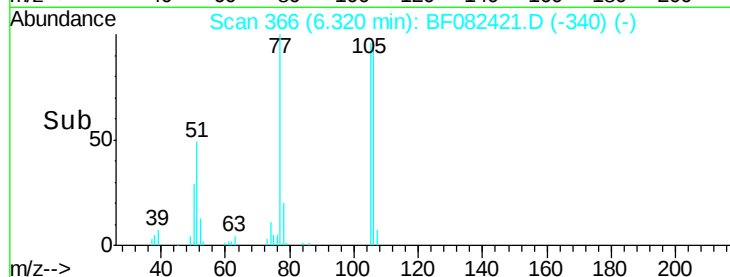
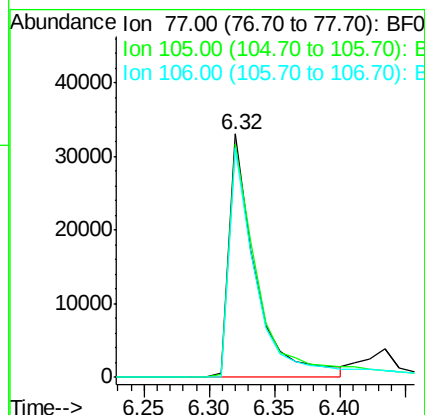
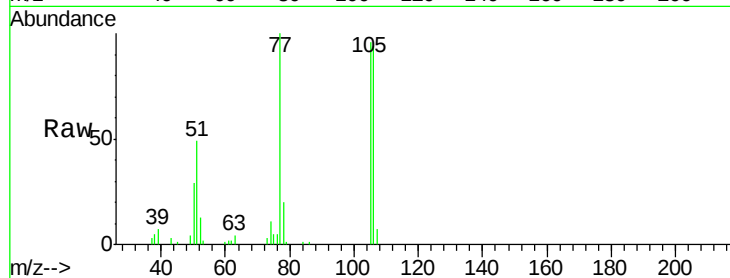
Tot Ion: 77 Resp: 46865

Ion Ratio Lower Upper

77 100

105 96.1 80.6 120.6

106 94.0 75.5 115.5



#10

Phenol

Concen: 36.01 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

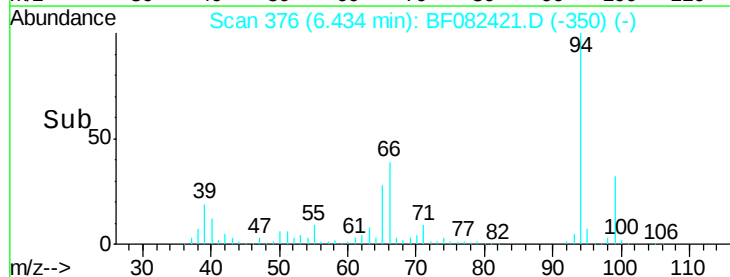
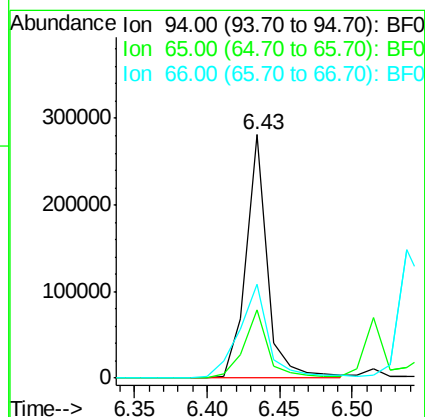
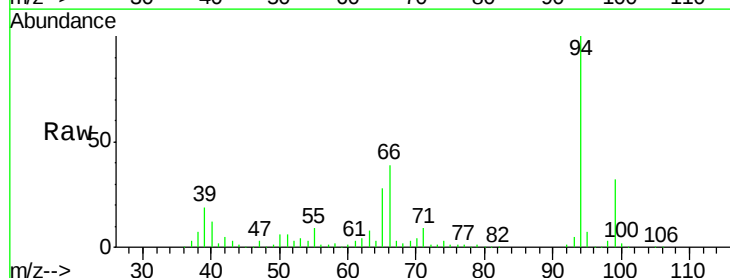
Tgt Ion: 94 Resp: 287420

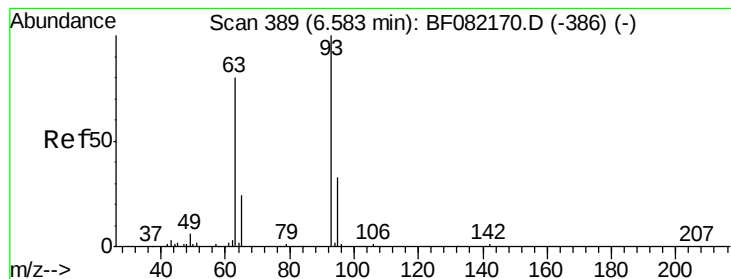
Ion Ratio Lower Upper

94 100

65 28.3 12.6 52.6

66 38.7 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 38.21 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

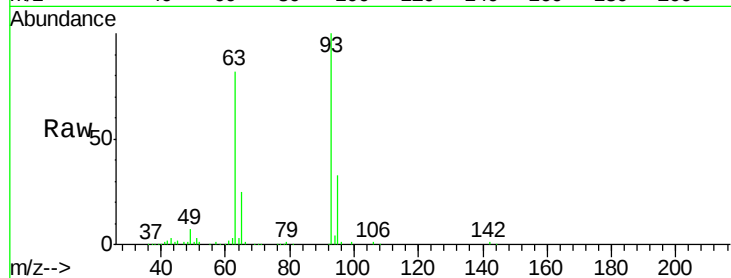
Tot Ion: 93 Resp: 257949

Ion Ratio Lower Upper

93 100

63 81.8 57.1 97.1

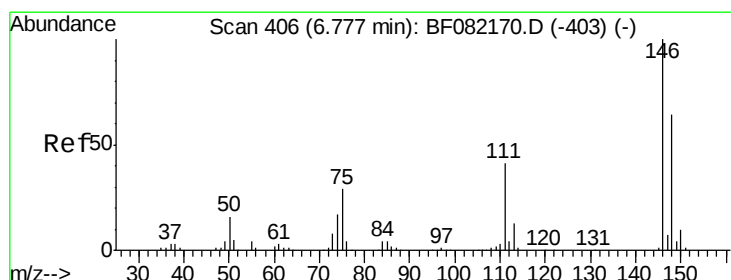
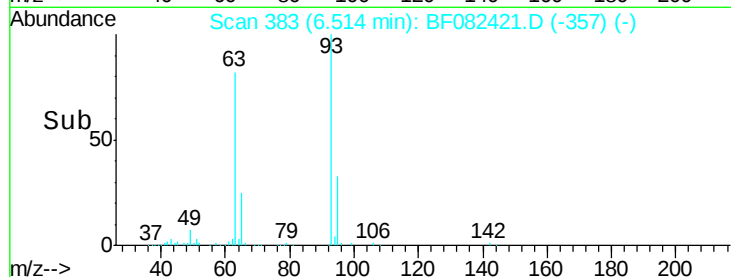
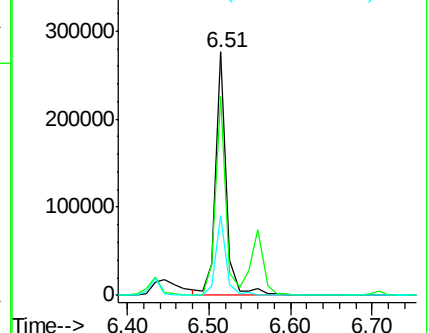
95 32.7 11.9 51.9



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: 38.08 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

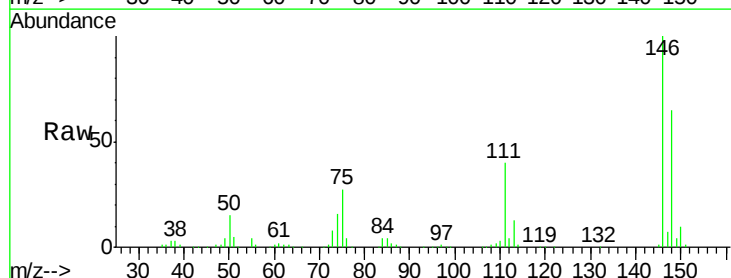
Tgt Ion: 146 Resp: 288008

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

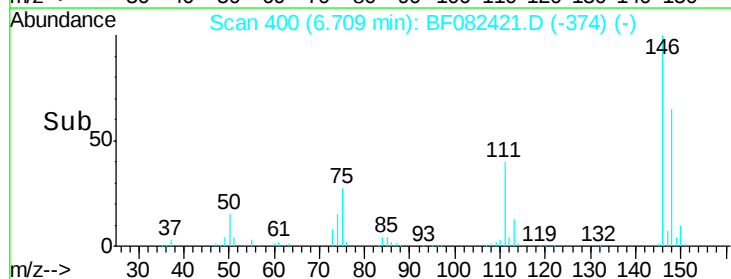
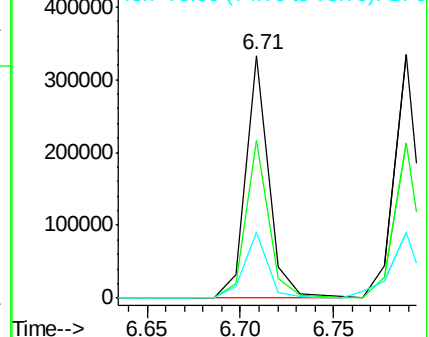
75 27.1 23.0 34.6

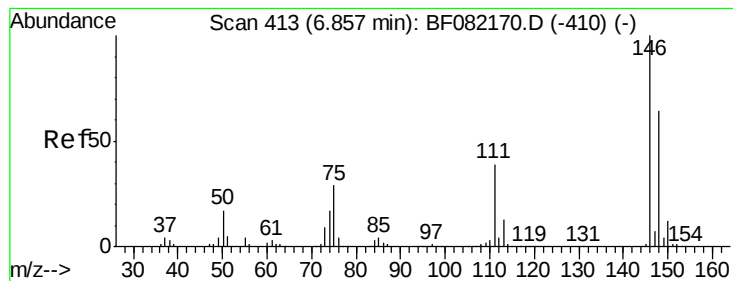


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.13 ng

RT: 6.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

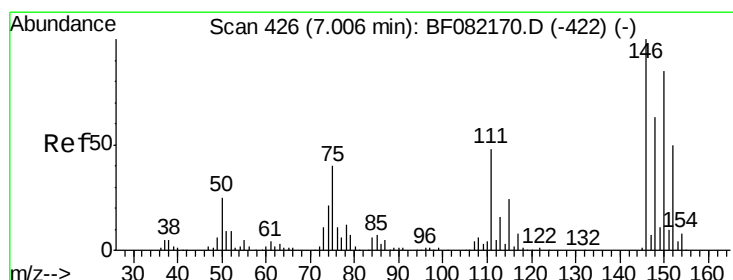
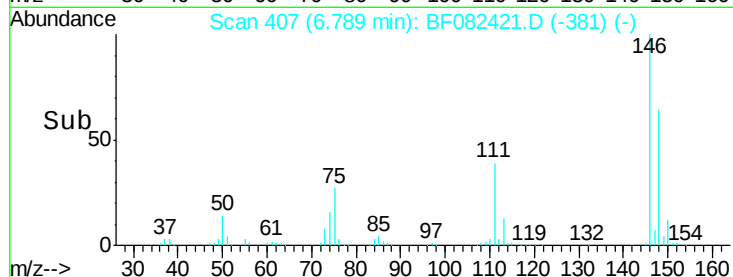
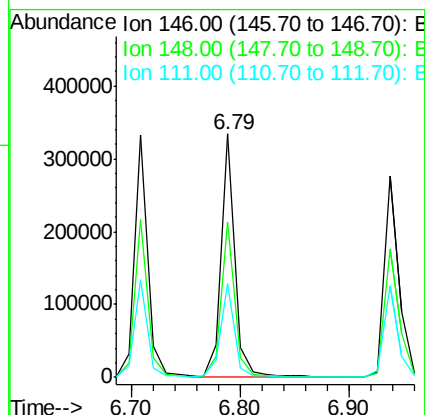
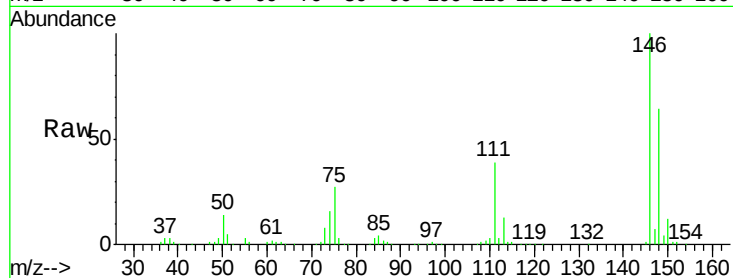
Tot Ion:146 Resp: 301190

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

111 38.7 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 35.96 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

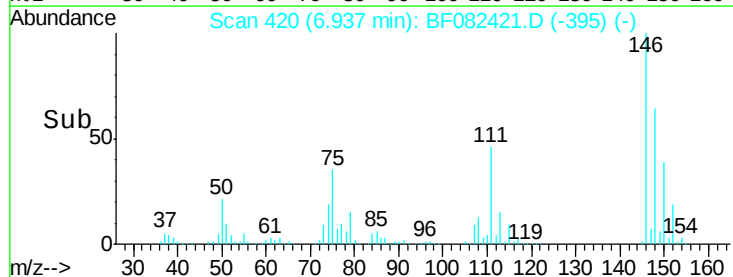
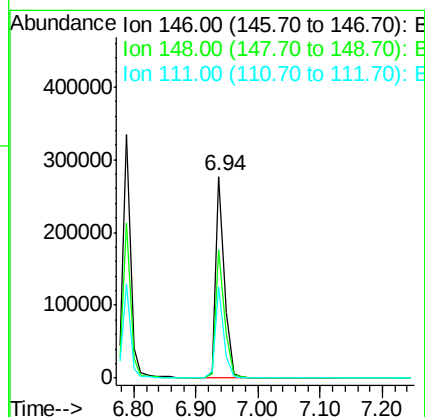
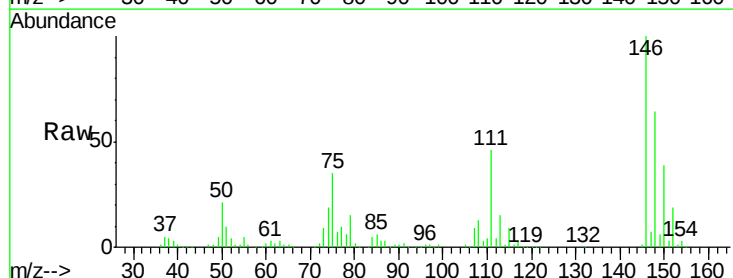
Tgt Ion:146 Resp: 269760

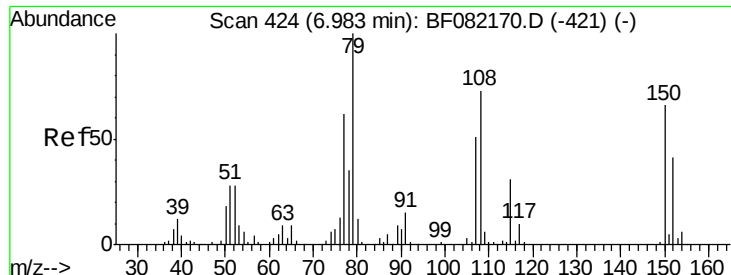
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 45.5 38.5 57.7

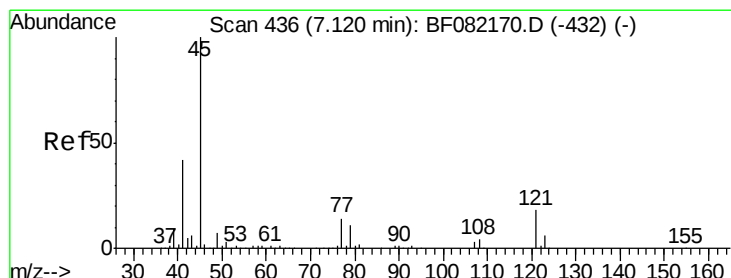
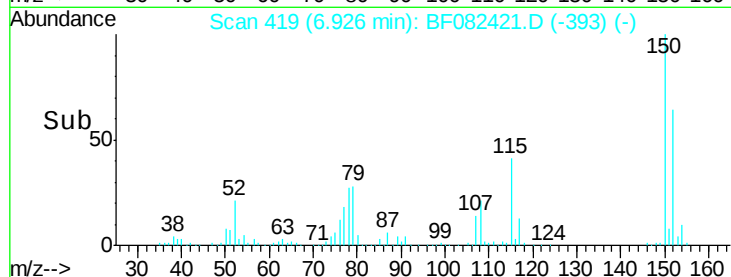
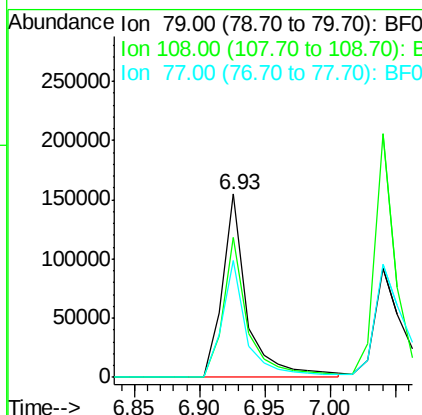
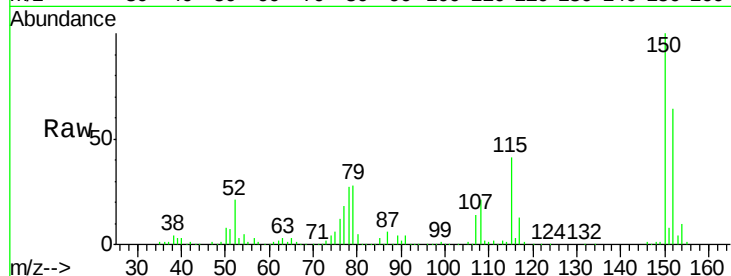




#15
Benzyl Alcohol
Concen: 43.28 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

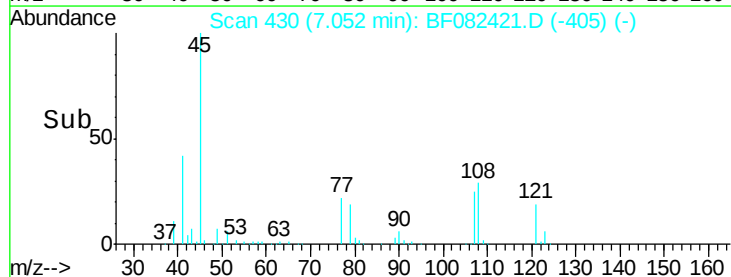
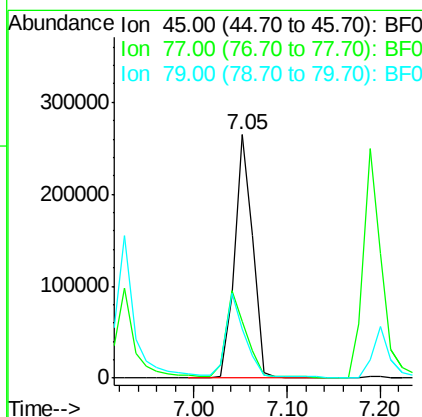
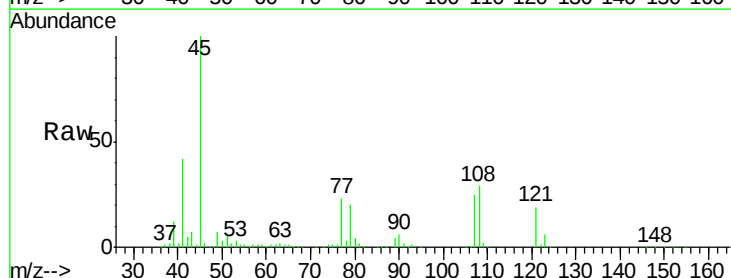
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

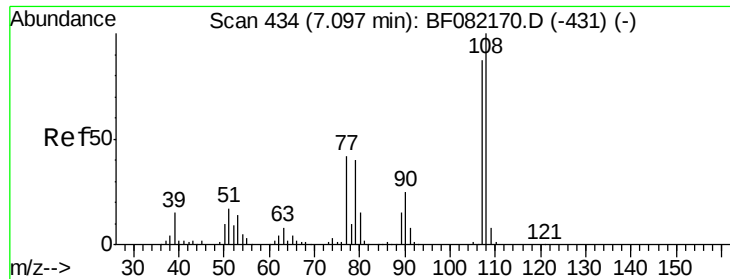
Tot Ion: 79 Resp: 206870
Ion Ratio Lower Upper
79 100
108 76.1 58.4 87.6
77 63.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.22 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion: 45 Resp: 359330
Ion Ratio Lower Upper
45 100
77 23.1 0.0 34.5
79 20.1 0.0 31.6

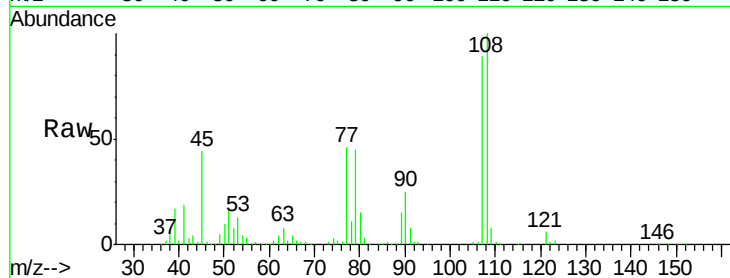




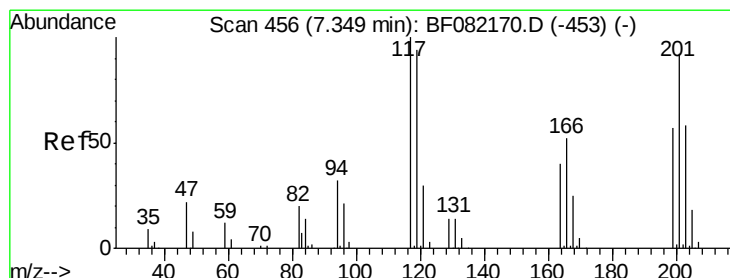
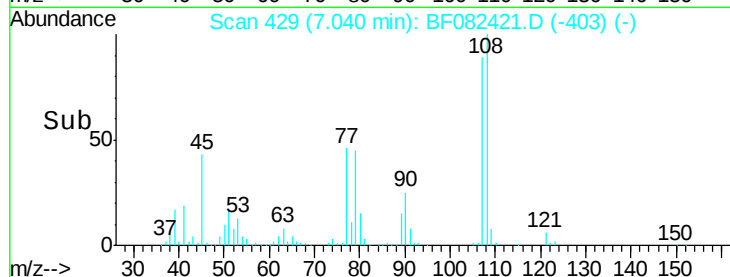
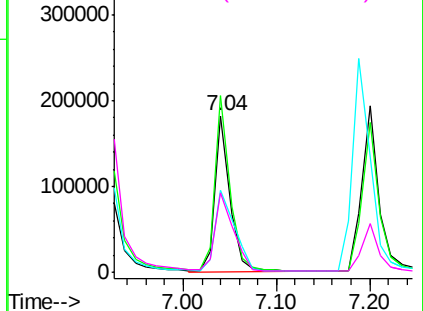
#17
2-Methylphenol
Concen: 39.62 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:	107	Resp:	203517
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.2	138.2
77	52.3	39.6	59.4
79	50.8	38.2	57.4

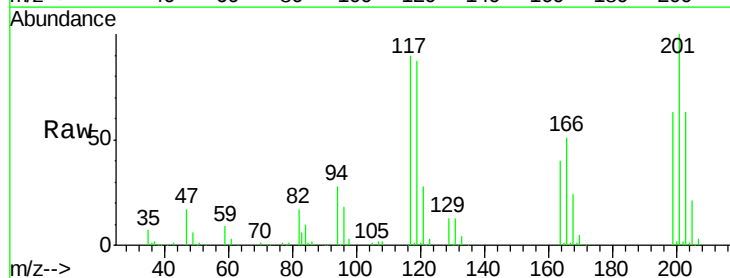


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

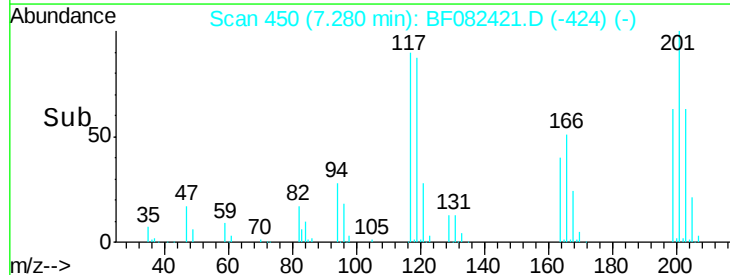
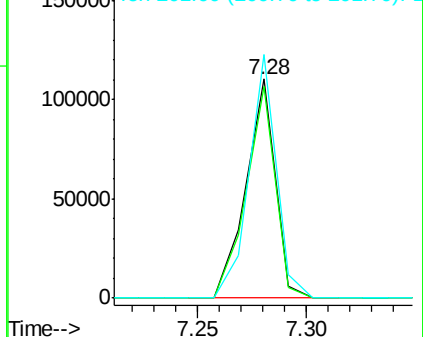


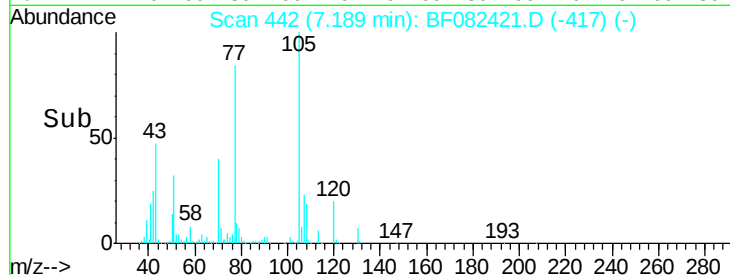
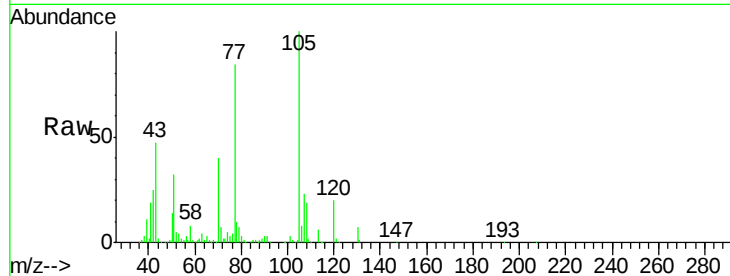
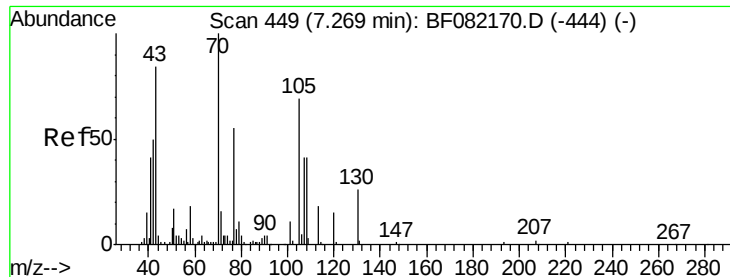
#18
Hexachloroethane
Concen: 38.19 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:	117	Resp:	103267
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.2
201	111.1	73.4	110.0#



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

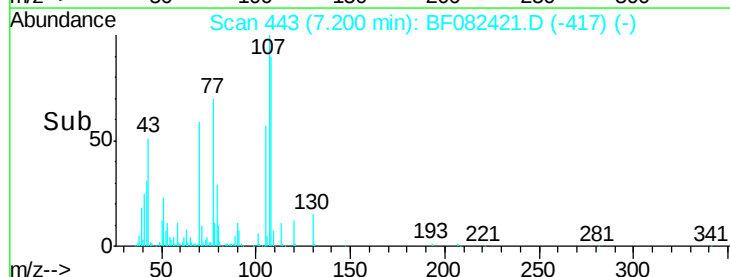
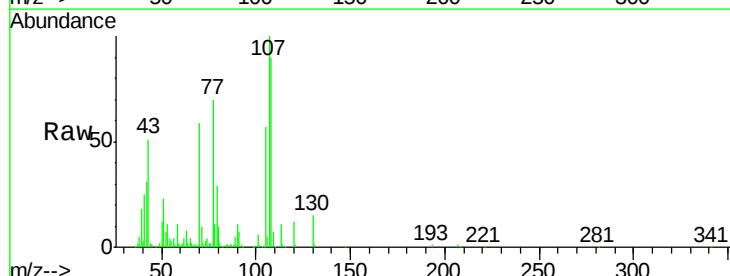
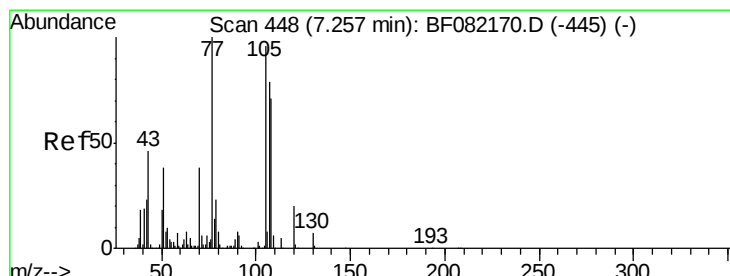
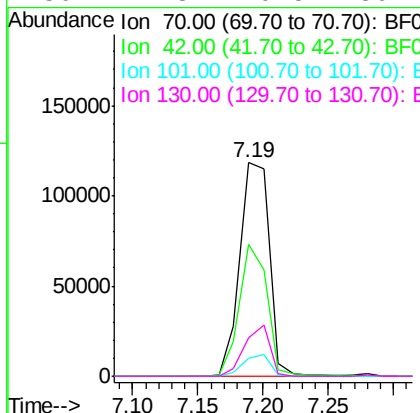




#19
n-Nitroso-di-n-propylamine
Concen: 38.29 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

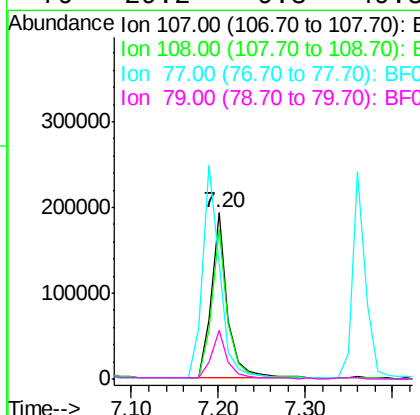
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

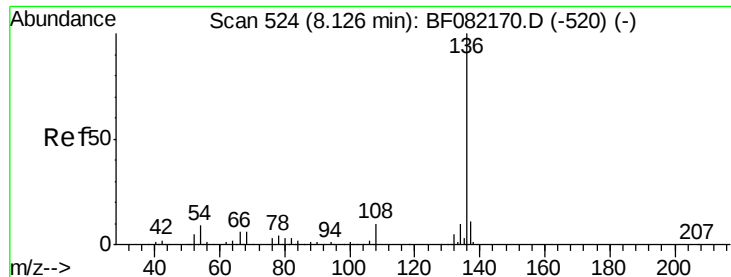
Tot Ion: 70 Resp: 186173
Ion Ratio Lower Upper
70 100
42 61.5 39.8 59.8#
101 8.7 8.6 13.0
130 17.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 41.43 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion: 107 Resp: 253585
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 69.7 106.0 146.0#
79 29.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

Tot Ion:136 Resp: 423698

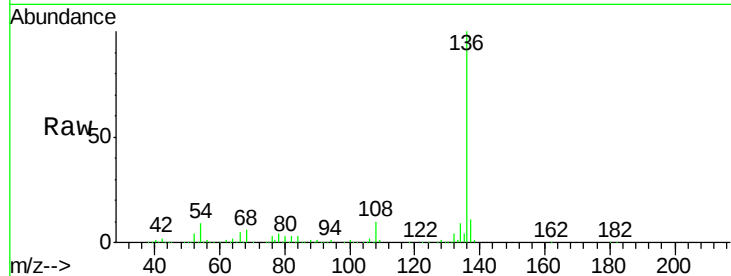
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.8 7.5 11.3

68 5.6 4.6 7.0

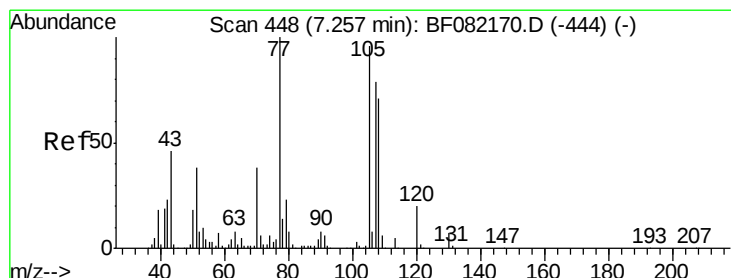
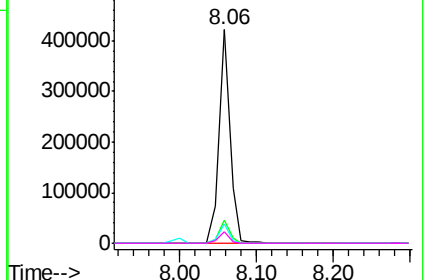
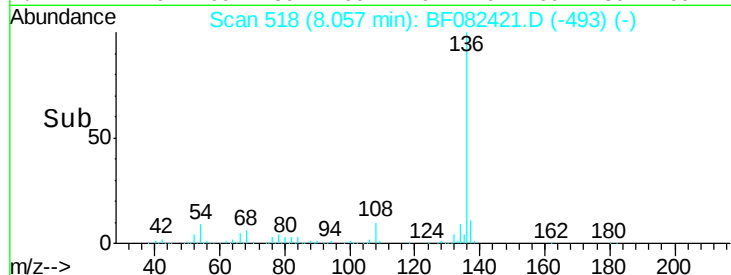


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.15 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Tgt Ion:105 Resp: 353236

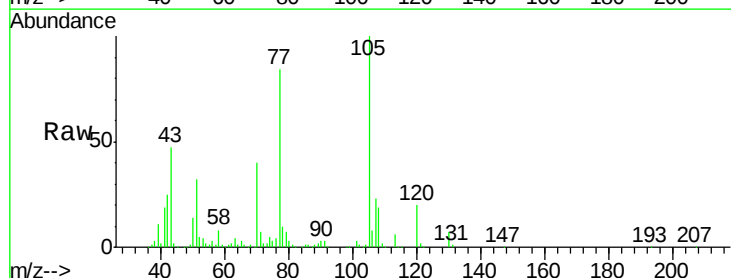
Ion Ratio Lower Upper

105 100

71 6.7 5.4 8.0

51 31.9 31.8 47.6

120 20.3 16.3 24.5

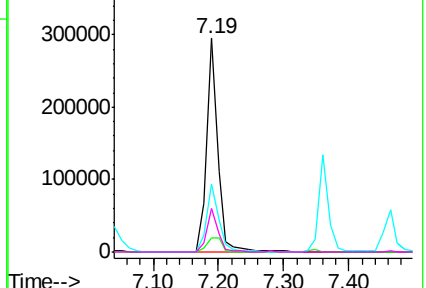
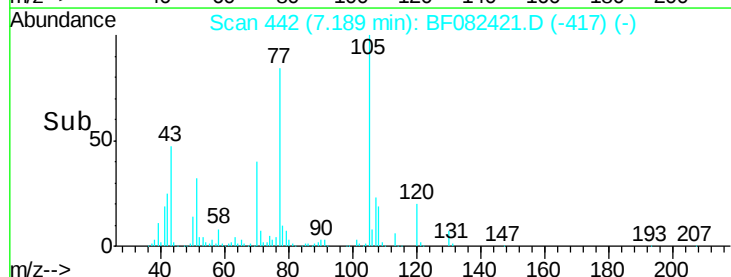


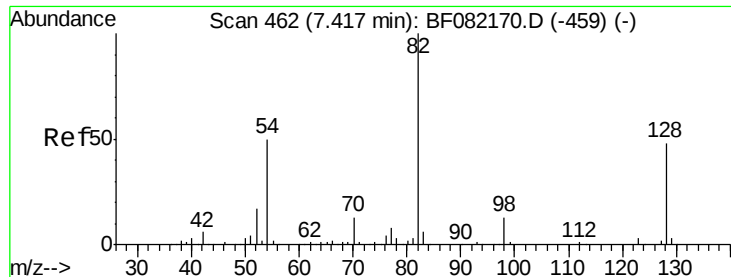
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

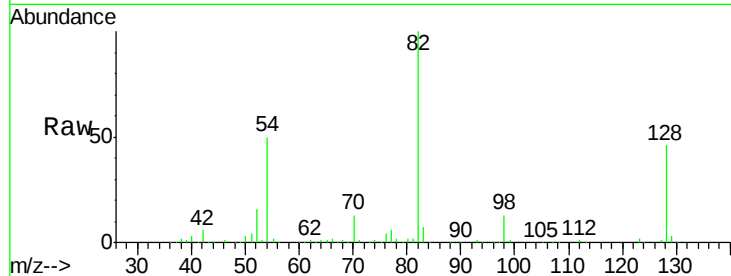




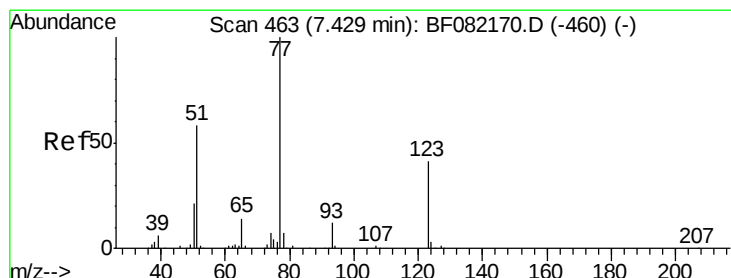
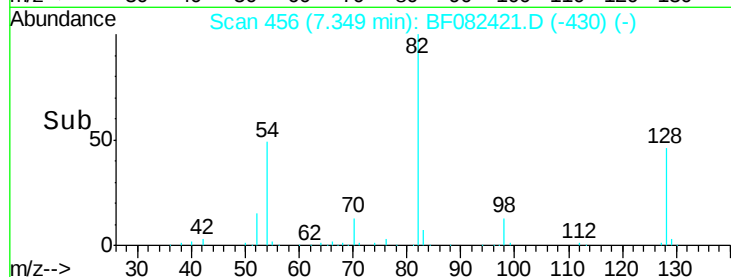
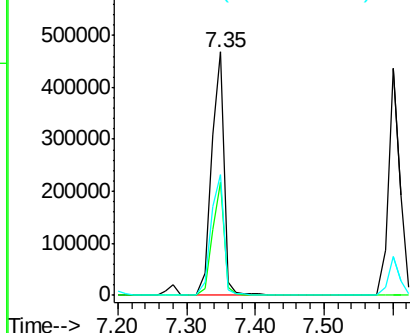
#23
Nitrobenzene-d5
Concen: 94.83 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion: 82 Resp: 598318
Ion Ratio Lower Upper
82 100
128 46.3 38.7 58.1
54 49.7 40.1 60.1

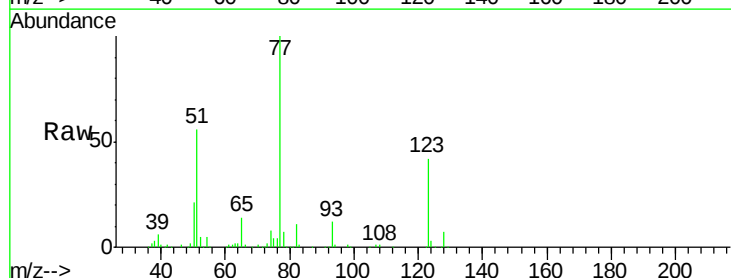


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

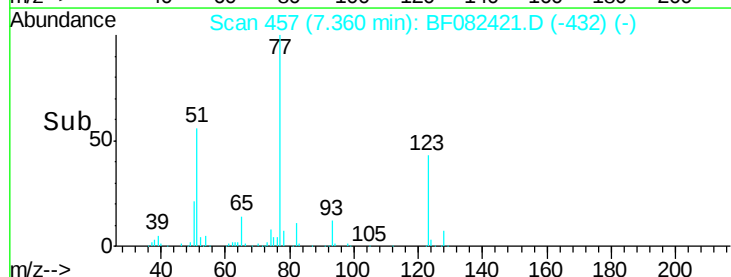
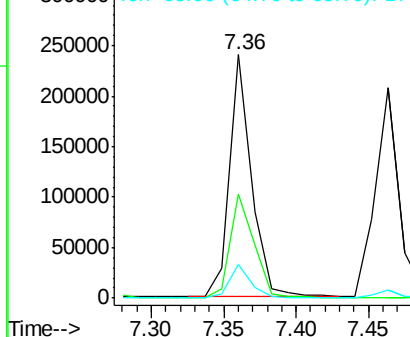


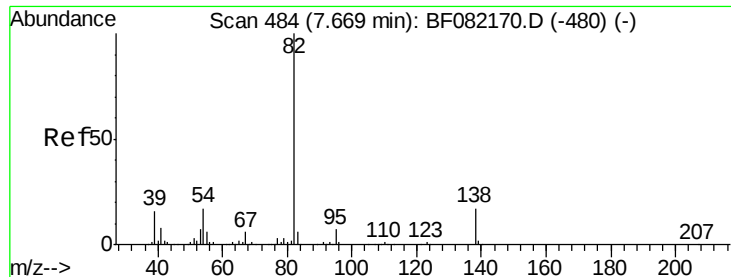
#24
Nitrobenzene
Concen: 37.22 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion: 77 Resp: 254170
Ion Ratio Lower Upper
77 100
123 42.5 33.0 49.4
65 13.9 11.2 16.8



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





#25

Isophorone

Concen: 39.55 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

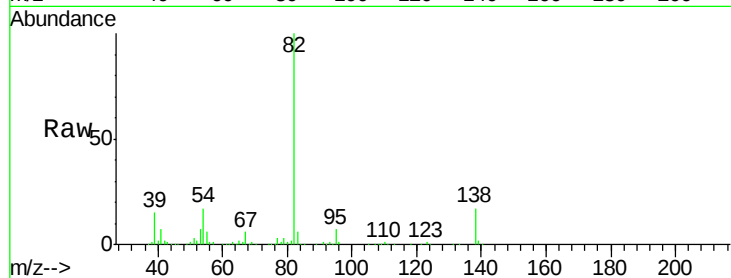
Tot Ion: 82 Resp: 503659

Ion Ratio Lower Upper

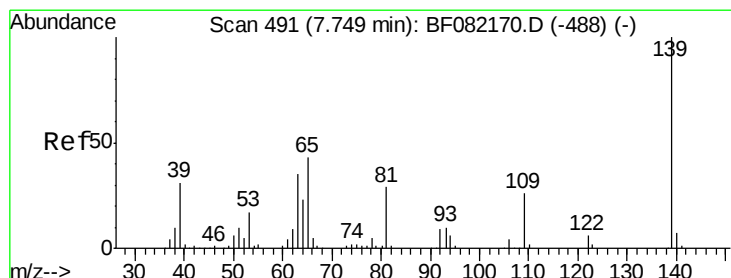
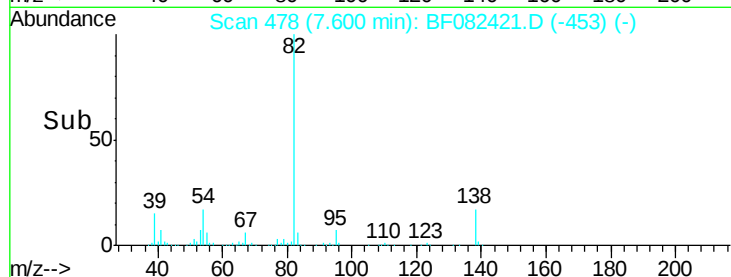
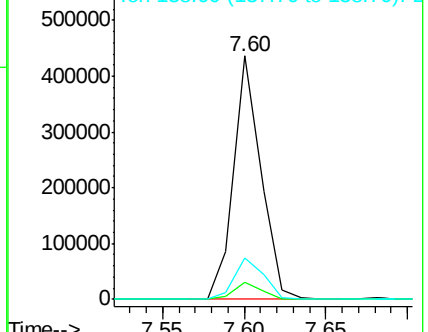
82 100

95 6.9 5.6 8.4

138 17.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.46 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

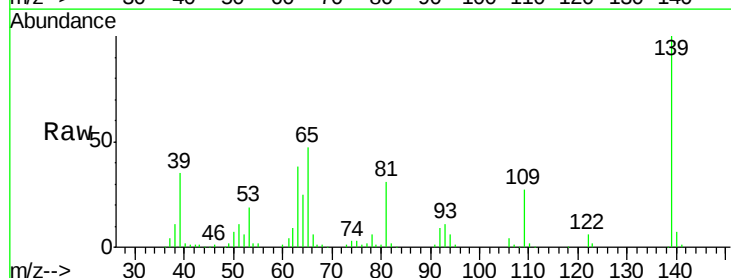
Tgt Ion: 139 Resp: 148192

Ion Ratio Lower Upper

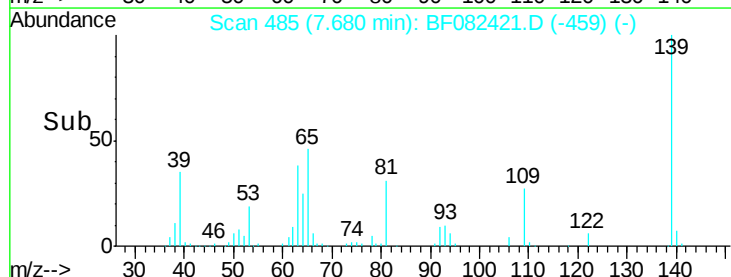
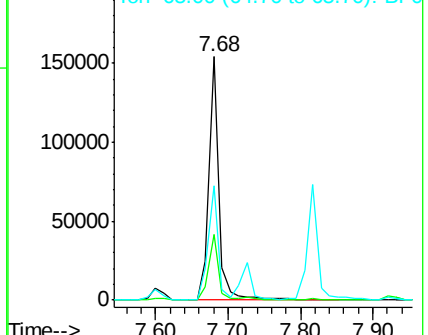
139 100

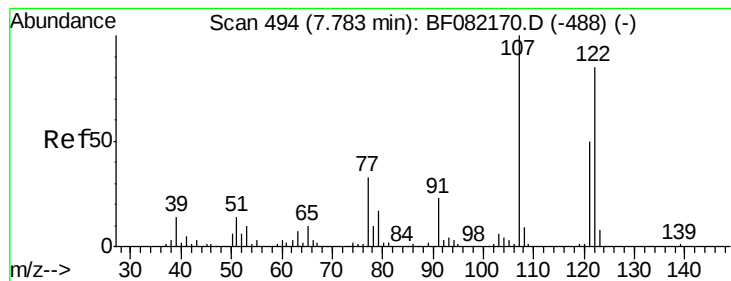
109 27.0 20.6 31.0

65 46.9 34.3 51.5



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

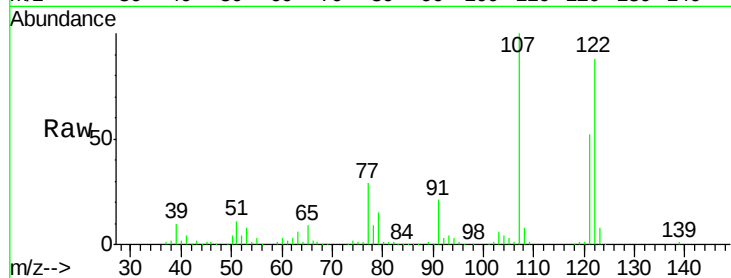




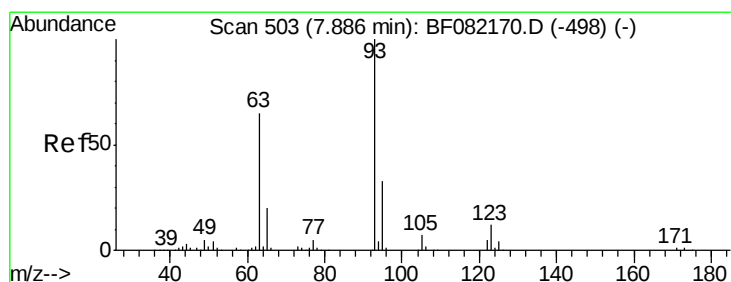
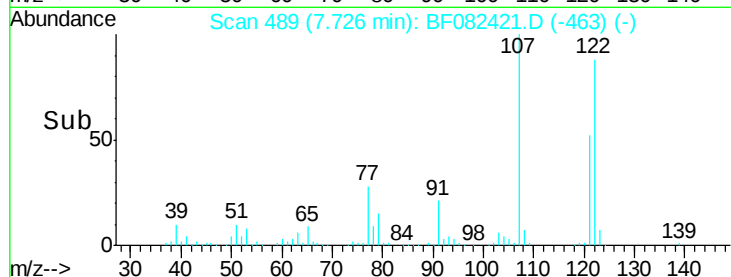
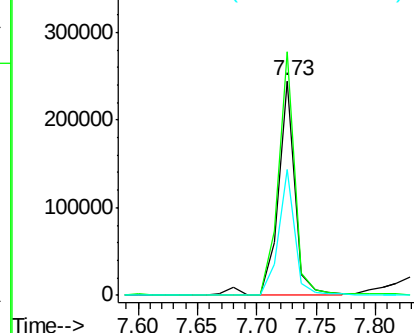
#27
 2,4-Dimethylphenol
 Concen: 44.33 ng
 RT: 7.73 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

Tot Ion:122 Resp: 243530
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.0 141.0
 121 58.8 46.8 70.2

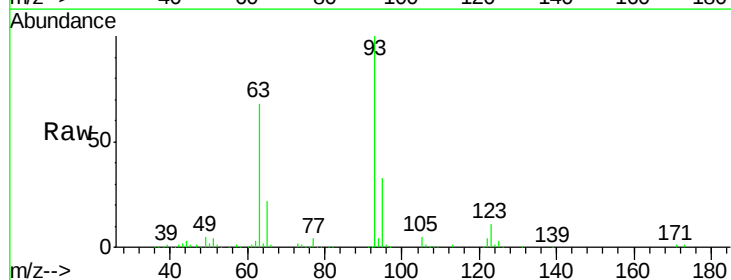


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

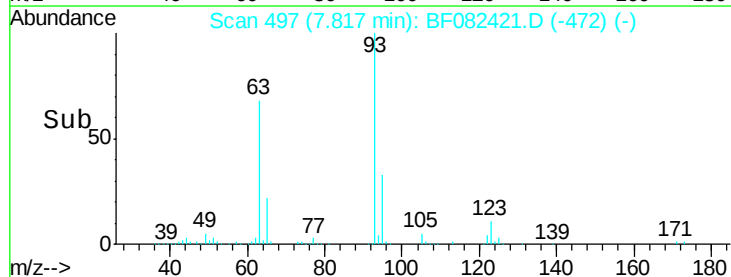
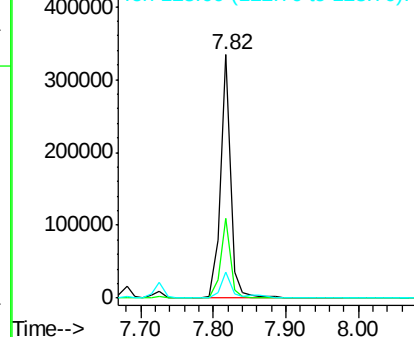


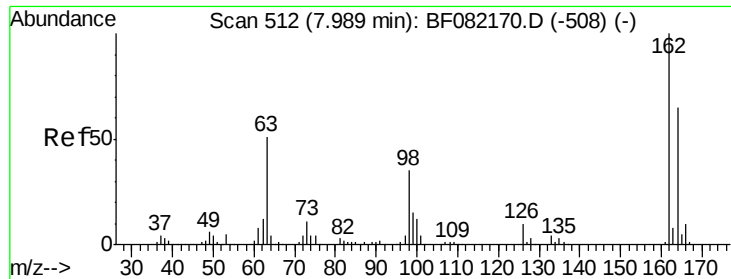
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.18 ng
 RT: 7.82 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion: 93 Resp: 327318
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 39.8
 123 10.9 9.5 14.3



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

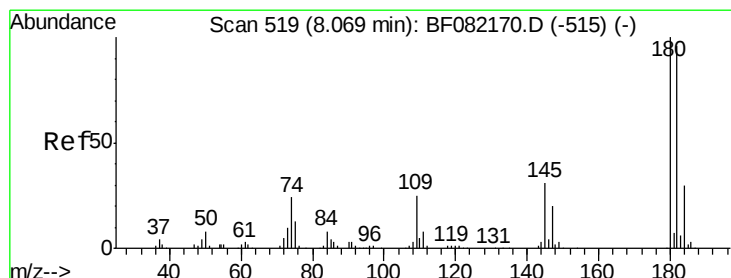
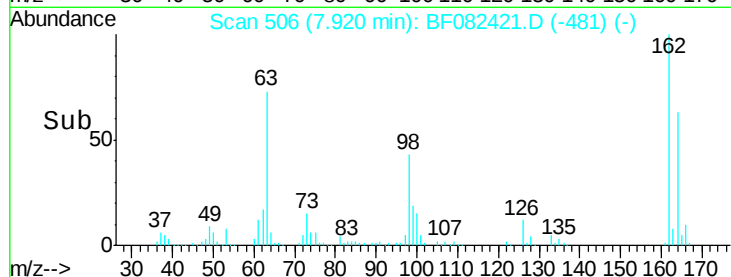
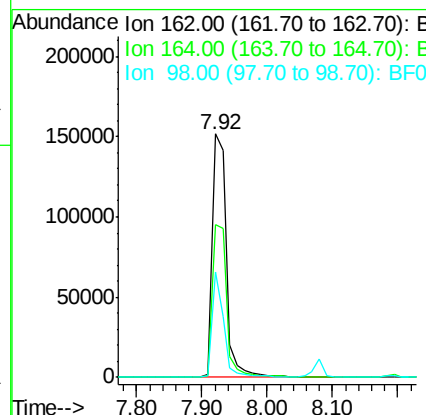
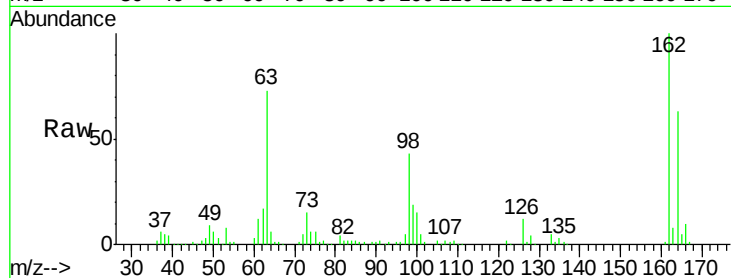




#29
2,4-Dichlorophenol
Concen: 42.21 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

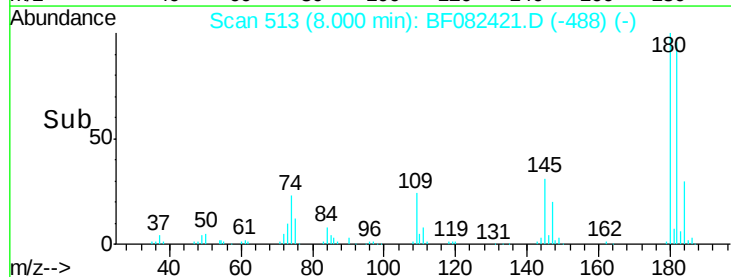
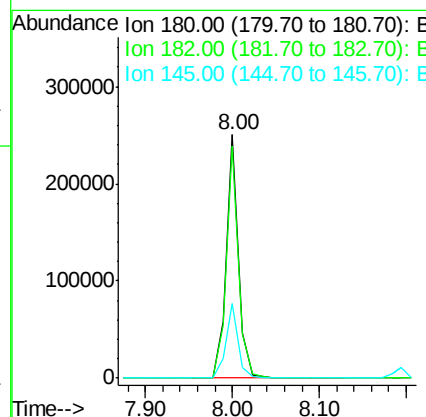
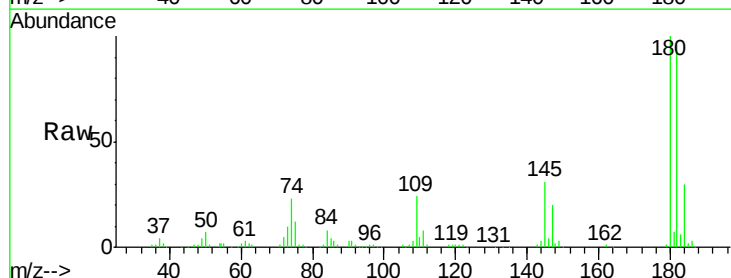
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

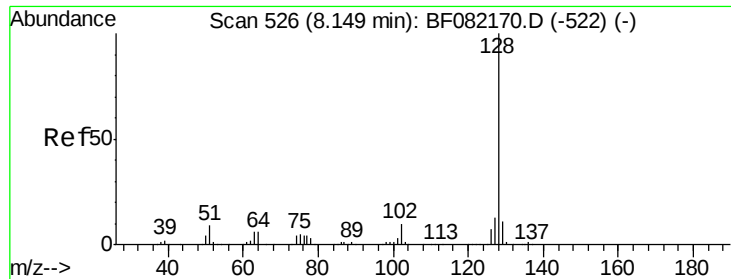
Tot Ion:162 Resp: 231796
Ion Ratio Lower Upper
162 100
164 62.7 44.6 84.6
98 43.1 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 39.61 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:180 Resp: 250753
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 30.6 25.0 37.4

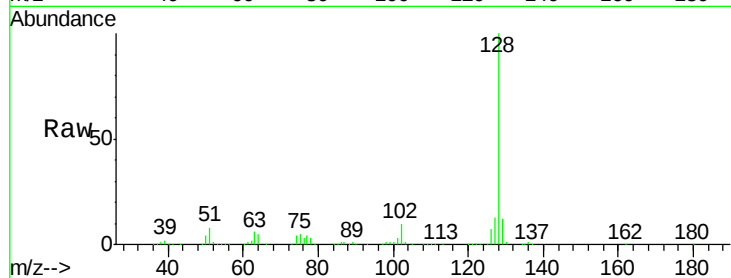




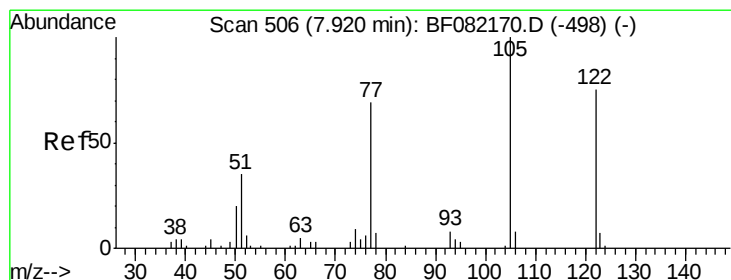
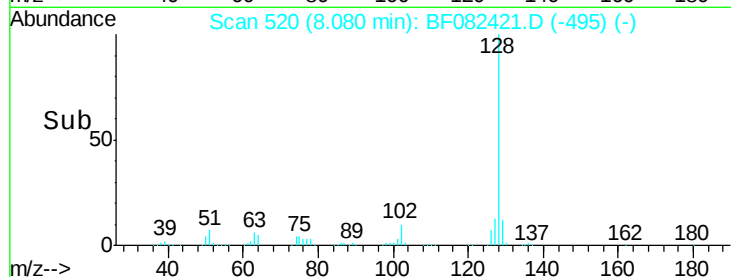
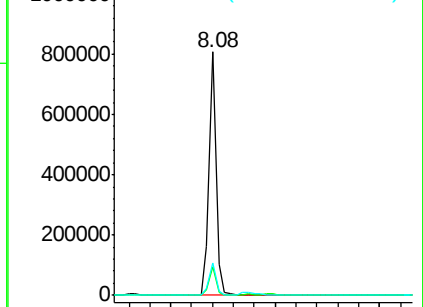
#31
Naphthalene
Concen: 41.37 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:128 Resp: 759797
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.7 16.1

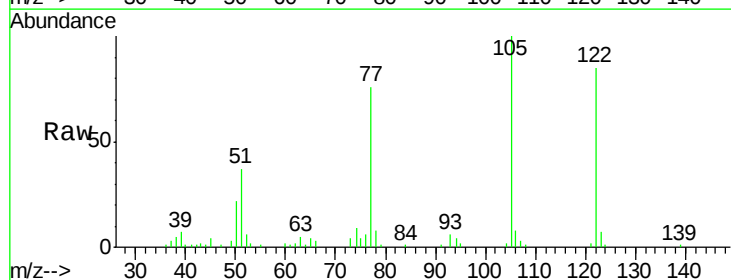


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

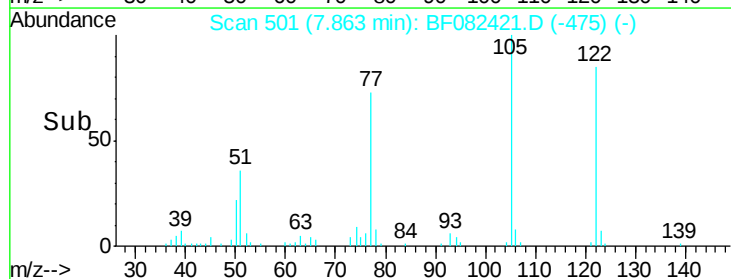
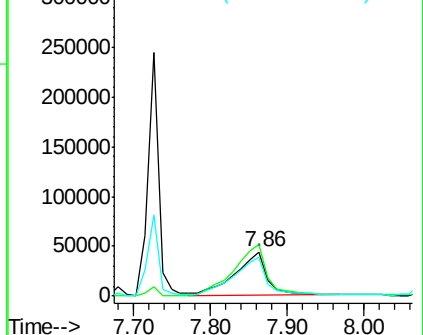


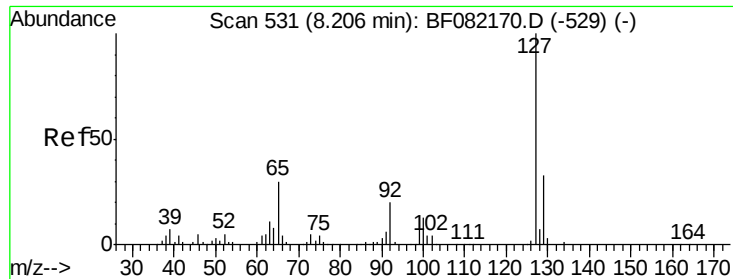
#32
Benzoic acid
Concen: 34.62 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:122 Resp: 127667
Ion Ratio Lower Upper
122 100
105 117.5 104.4 144.4
77 89.2 69.0 109.0



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

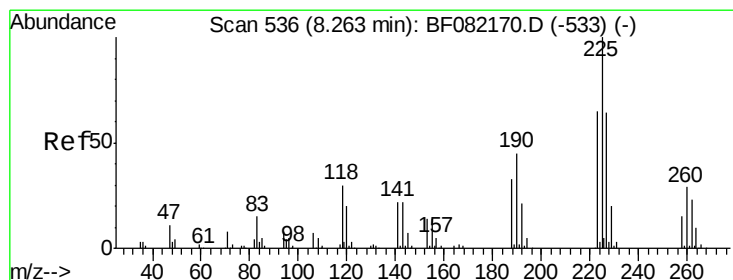
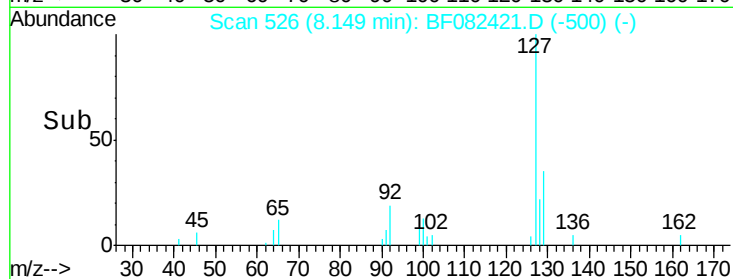
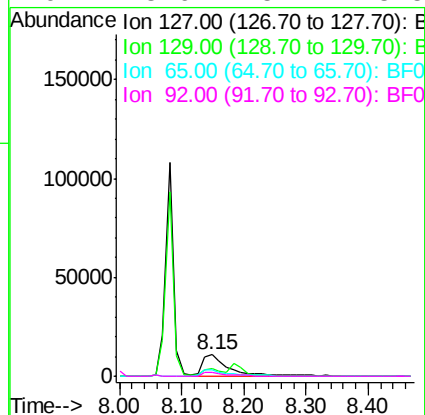
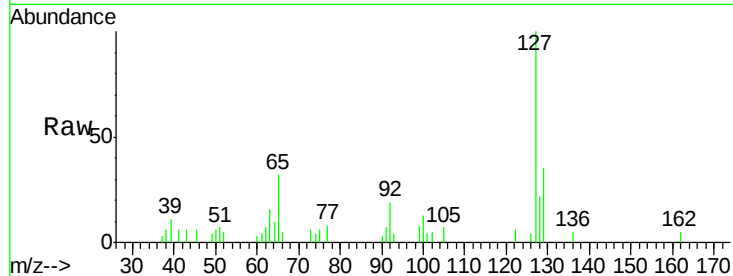




#33
4-Chloroaniline
Concen: 4.30 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

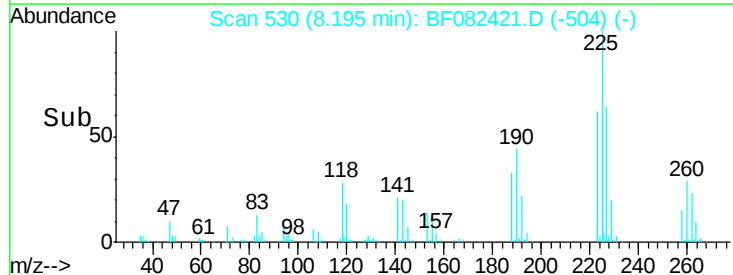
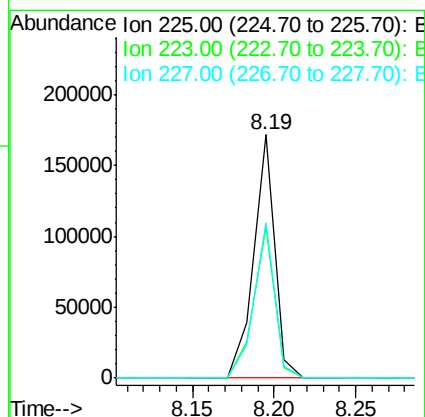
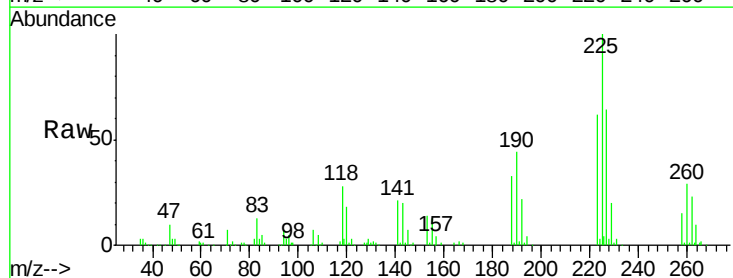
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

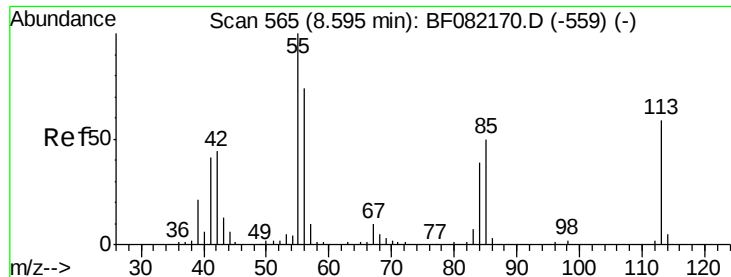
Tot Ion:	127	Resp:	32774
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.3	39.5
65	32.2	24.4	36.6
92	18.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 39.18 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:	225	Resp:	154532
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.2
227	63.5	51.3	76.9





#35

Caprolactam

Concen: 11.92 ng

RT: 8.55 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

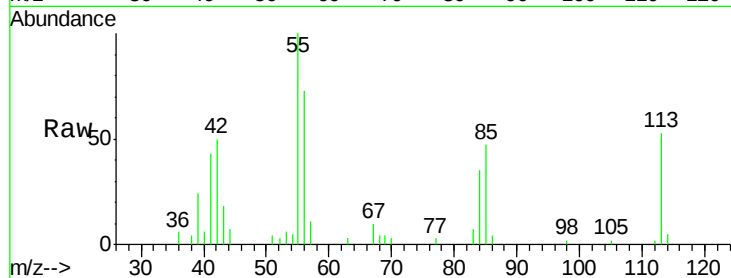
Tot Ion:113 Resp: 18999

Ion Ratio Lower Upper

113 100

55 187.6 149.7 189.7

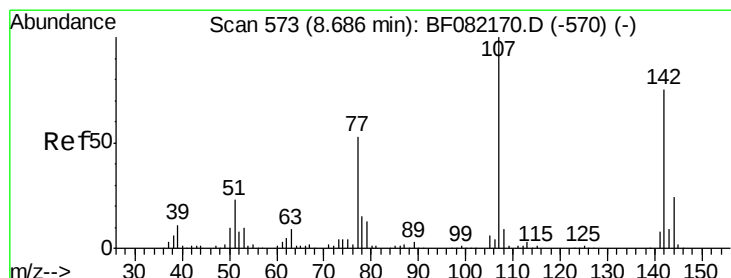
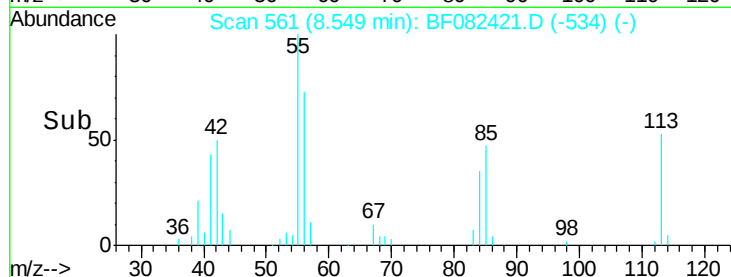
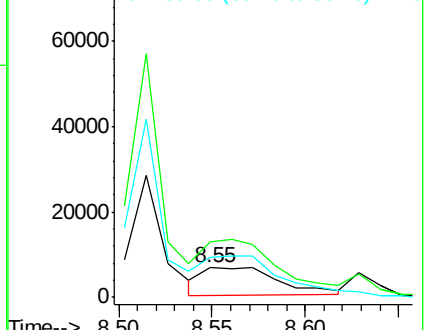
56 136.7 105.4 145.4



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: 42.03 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

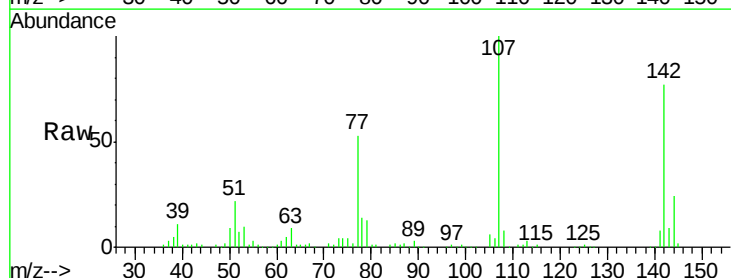
Tgt Ion:107 Resp: 225729

Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

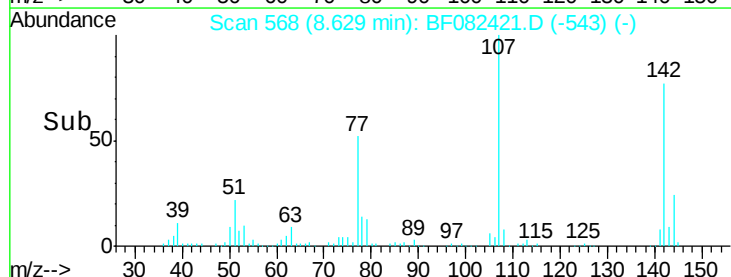
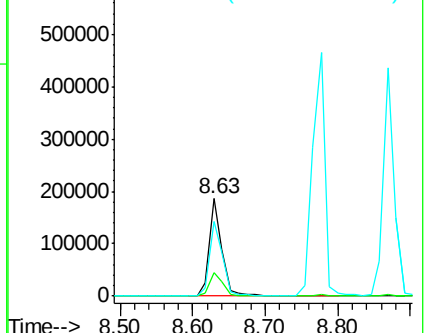
142 76.6 59.9 89.9

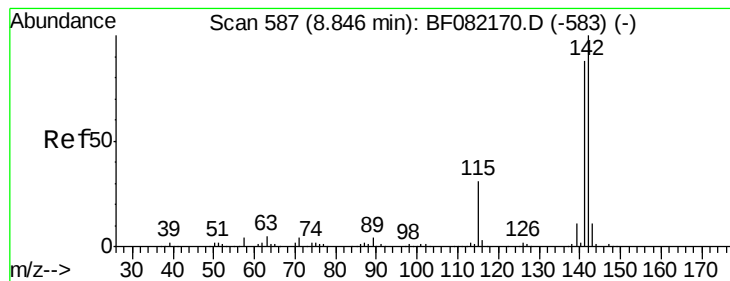


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

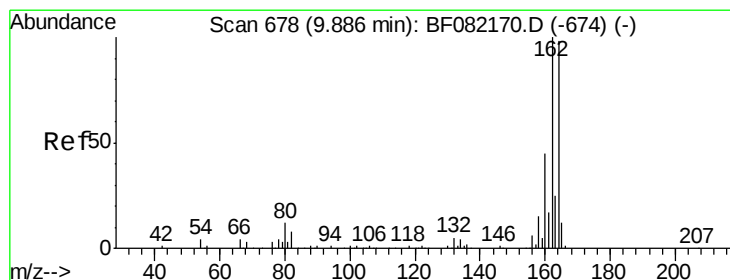
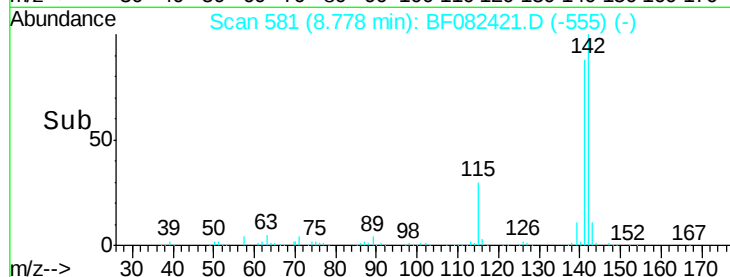
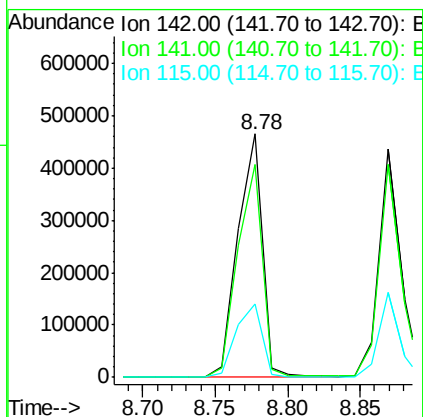
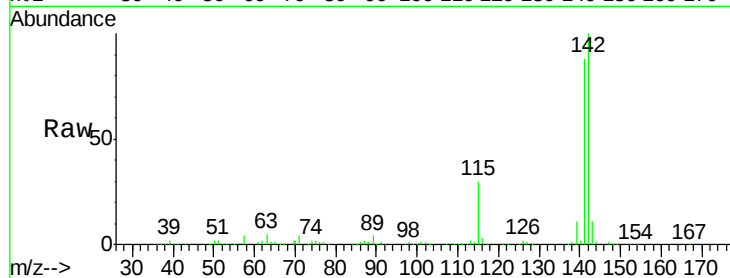




#37
2-Methylnaphthalene
Concen: 43.08 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

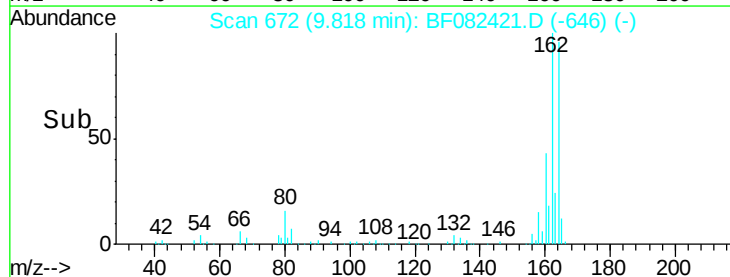
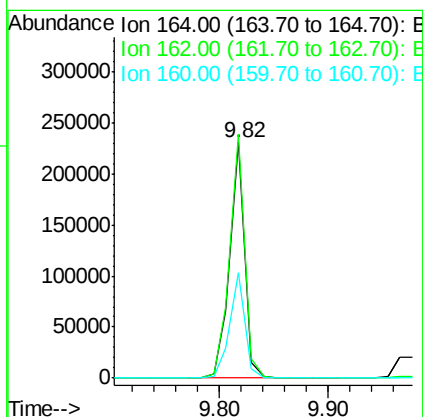
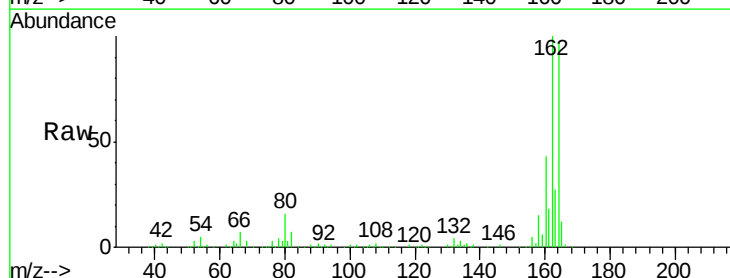
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

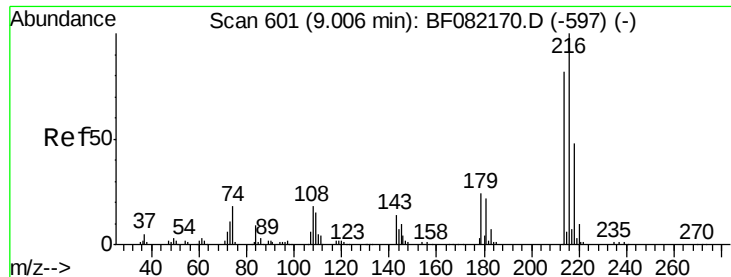
Tot Ion:142 Resp: 548535
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 30.3 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:164 Resp: 218538
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 44.7 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.36 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

Tot Ion:216 Resp: 255865

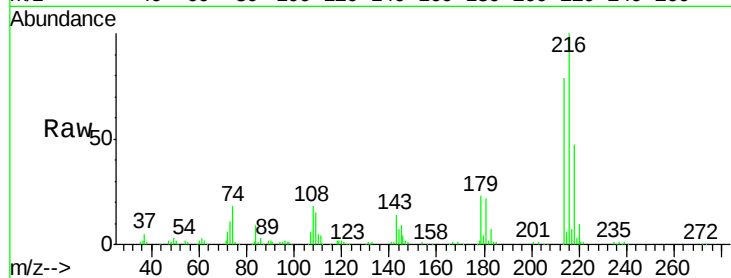
Ion Ratio Lower Upper

216 100

214 79.1 64.6 97.0

179 21.5 17.6 26.4

108 19.0 14.5 21.7

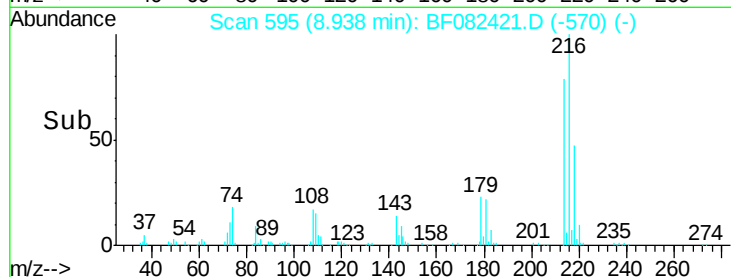


Abundance Ion 216.00 (215.70 to 216.70): E

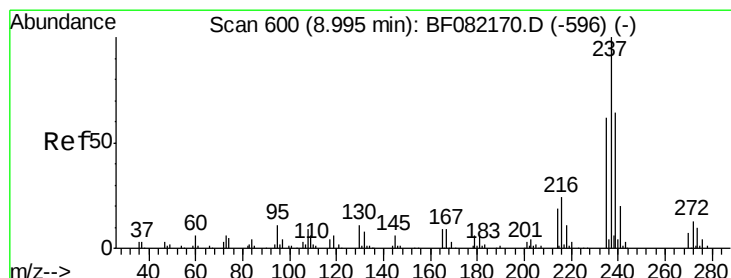
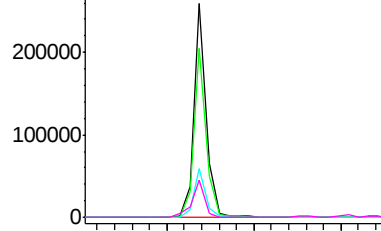
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 60.51 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

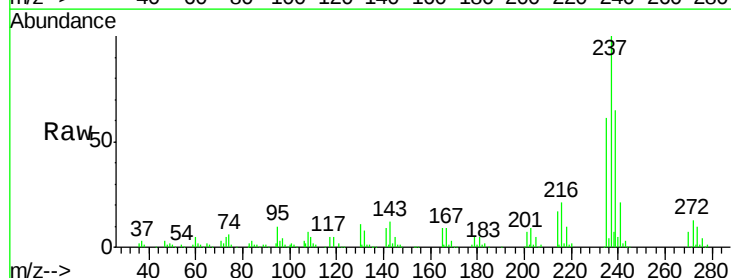
Tgt Ion:237 Resp: 191594

Ion Ratio Lower Upper

237 100

235 61.4 41.7 81.7

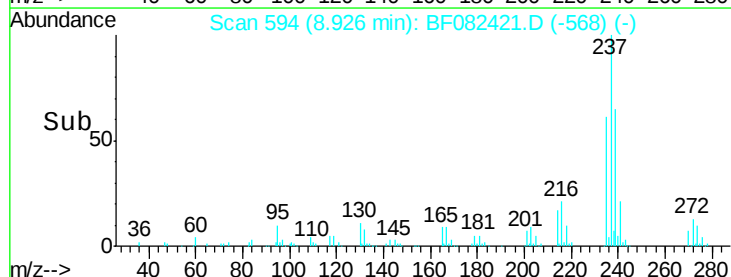
272 13.2 0.0 32.8



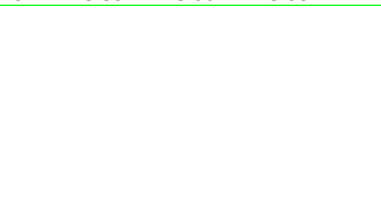
Abundance Ion 236.80 (236.50 to 237.50): E

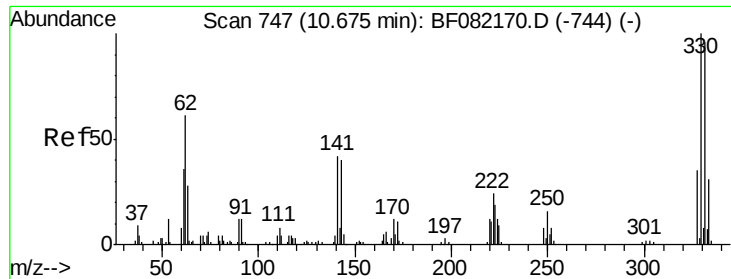
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

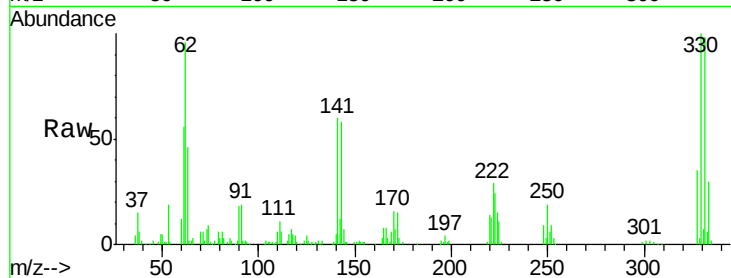




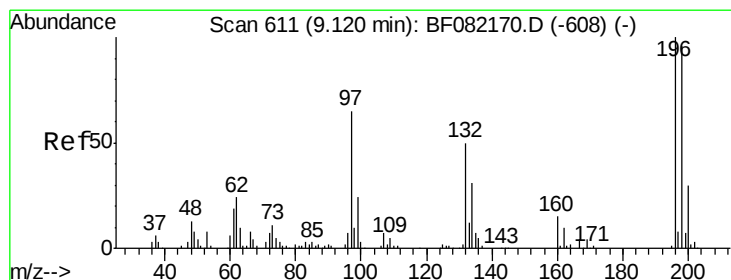
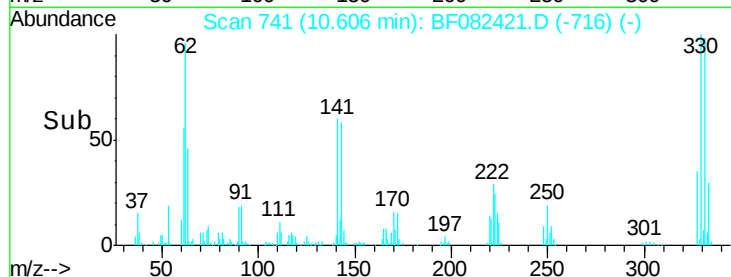
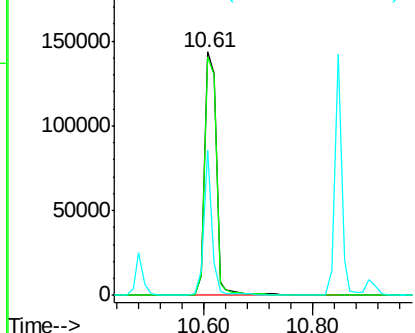
#41
 2,4,6-Tribromophenol
 Concen: 103.78 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

Tot Ion	330	Resp	212698
Ion Ratio	100	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	40.4	29.8	44.8

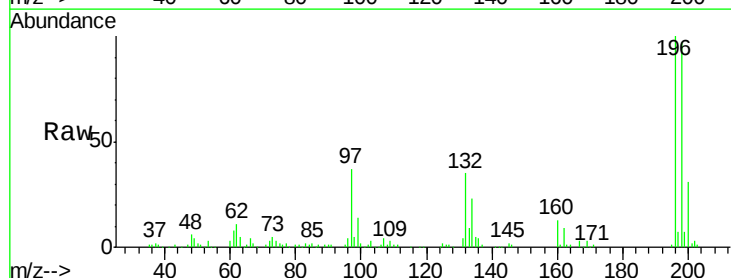


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

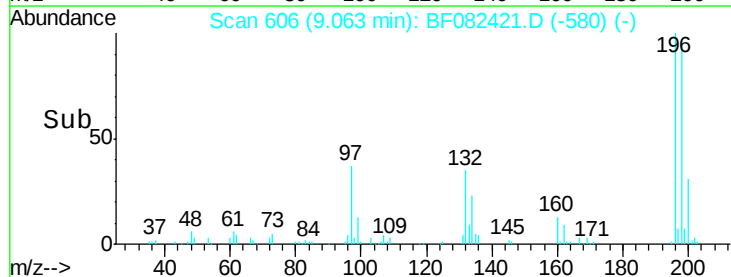
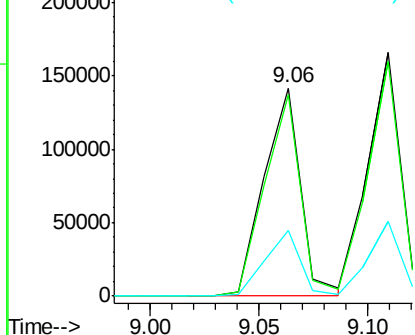


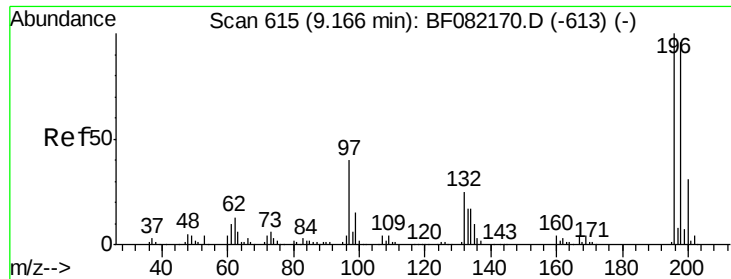
#42
 2,4,6-Trichlorophenol
 Concen: 38.54 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion	196	Resp	166392
Ion Ratio	100	Lower	Upper
196	100		
198	96.6	76.6	115.0
200	31.5	23.7	35.5



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

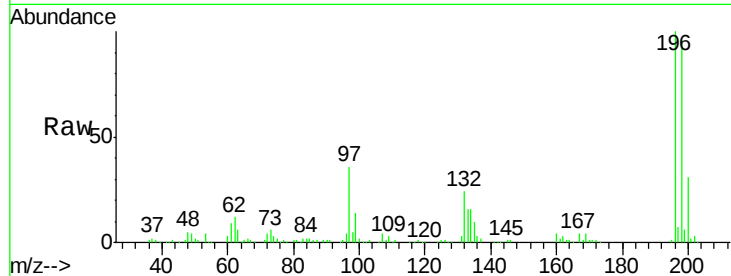




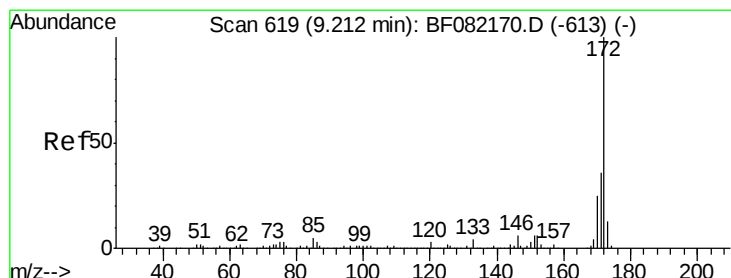
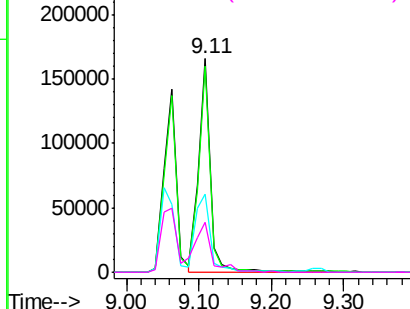
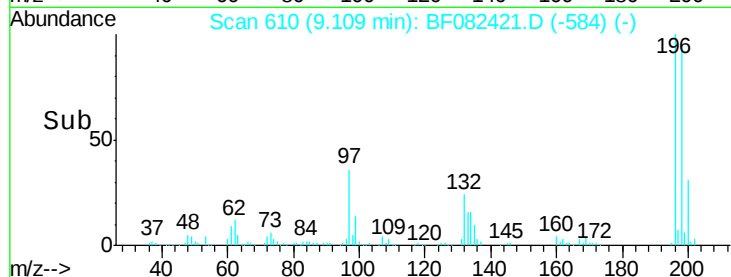
#43
 2,4,5-Trichlorophenol
 Concen: 39.45 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

Tot Ion:196 Resp: 184483
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.4
 97 36.4 31.9 47.9
 132 23.7 20.3 30.5

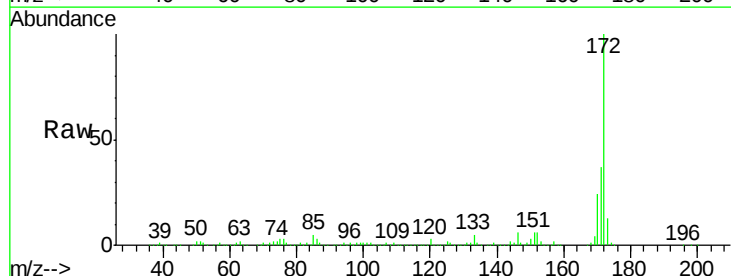


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

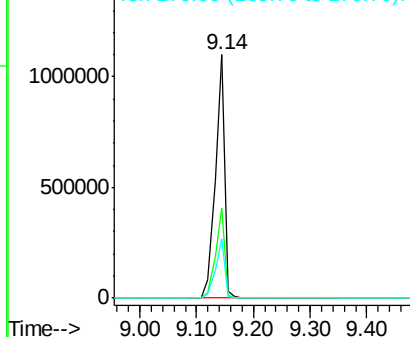
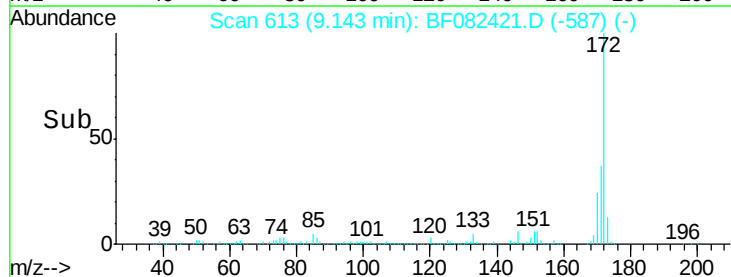


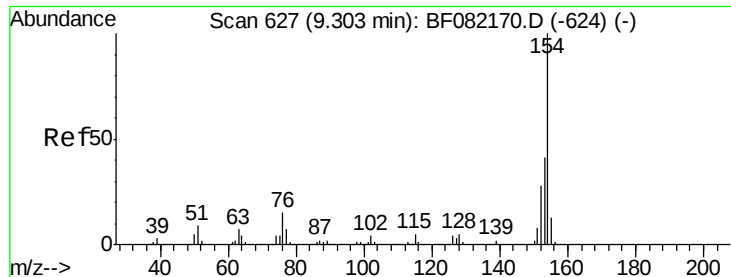
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion:172 Resp: 1211126
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.5 19.7 29.5



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: 37.59 ng

RT: 9.23 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

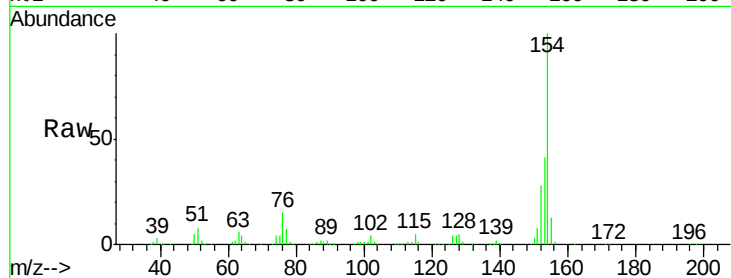
Tot Ion:154 Resp: 626391

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

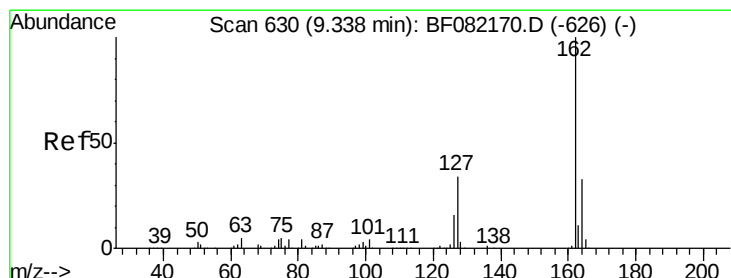
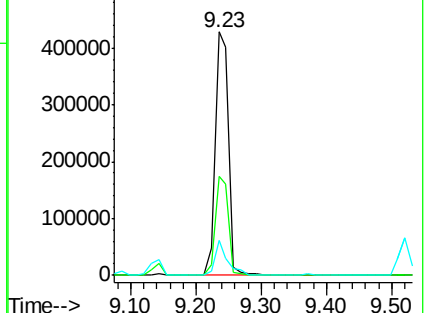
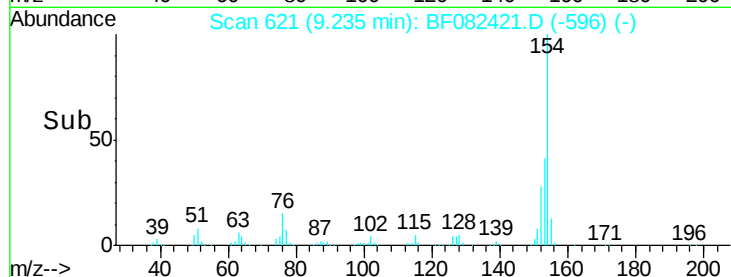
76 14.6 0.0 35.2



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: 39.14 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

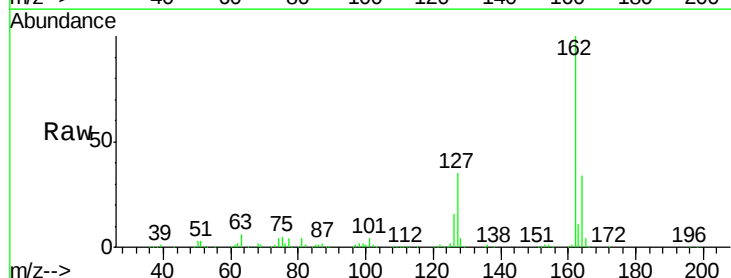
Tgt Ion:162 Resp: 513459

Ion Ratio Lower Upper

162 100

127 34.8 27.5 41.3

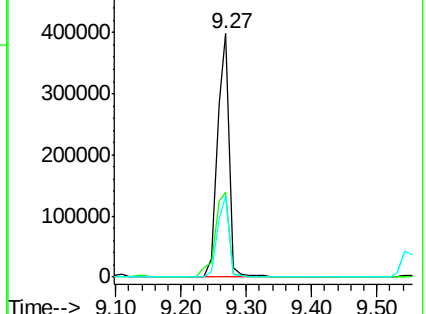
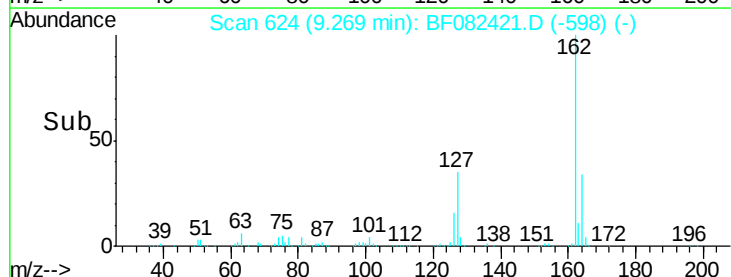
164 33.5 26.6 39.8

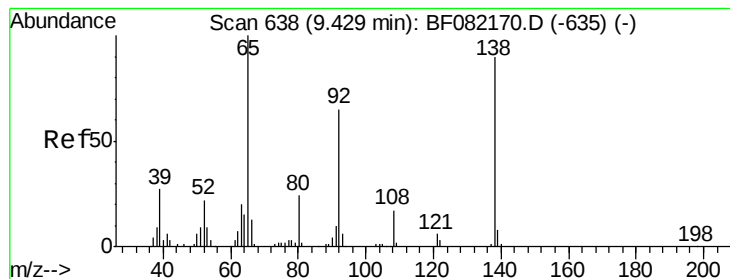


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.95 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

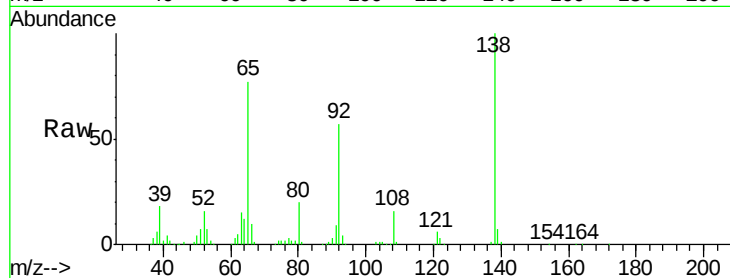
Tot Ion: 65 Resp: 151071

Ion Ratio Lower Upper

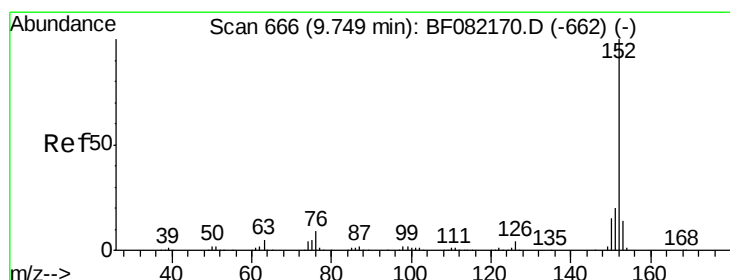
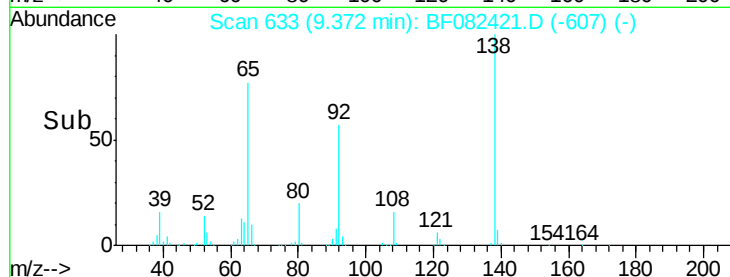
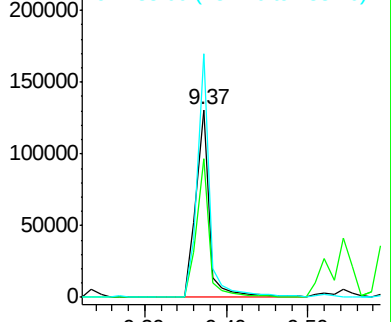
65 100

92 73.6 52.3 78.5

138 129.6 72.2 108.4#



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



#48

Acenaphthylene

Concen: 40.80 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

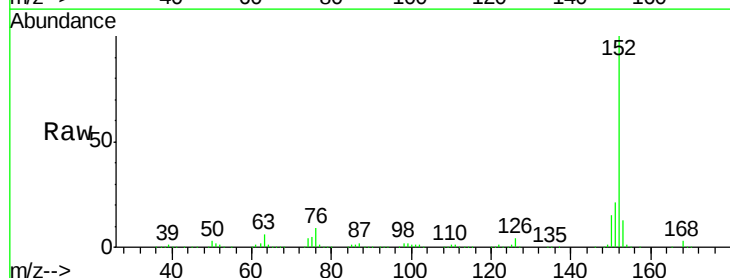
Tgt Ion: 152 Resp: 833764

Ion Ratio Lower Upper

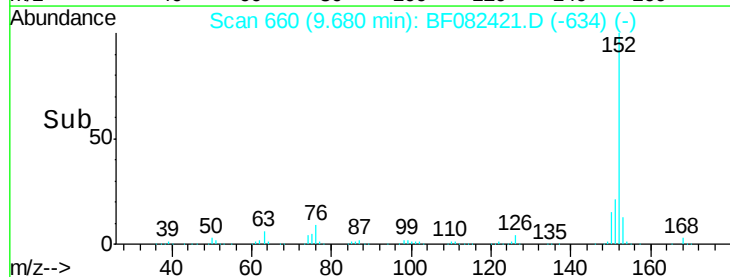
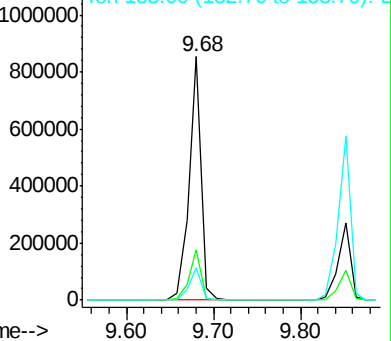
152 100

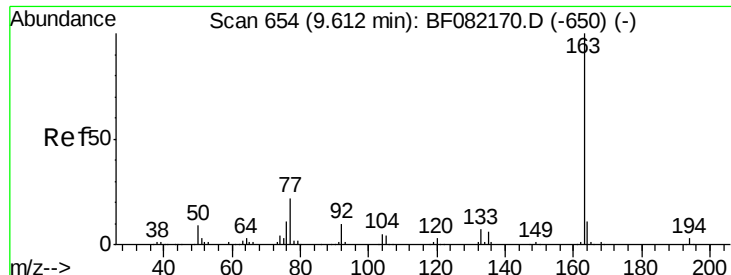
151 20.6 16.4 24.6

153 13.4 10.8 16.2



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

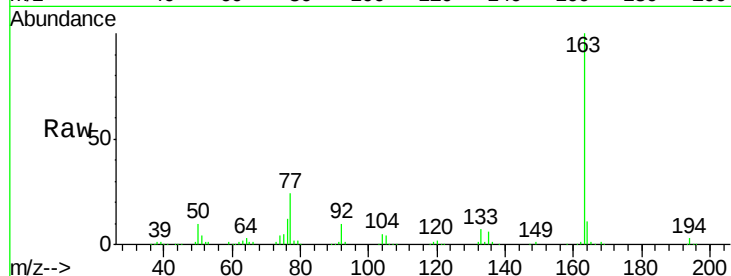




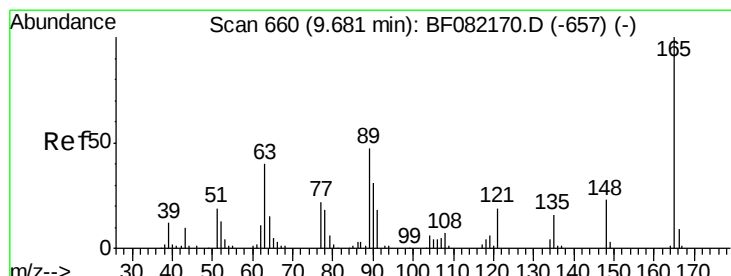
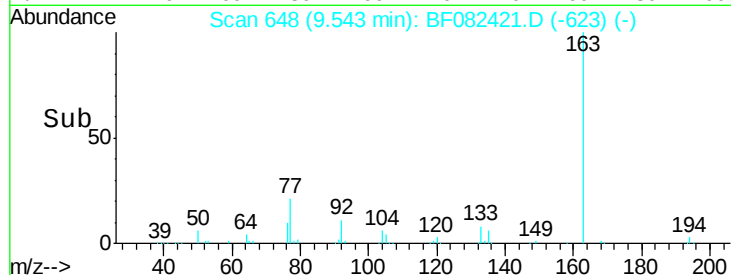
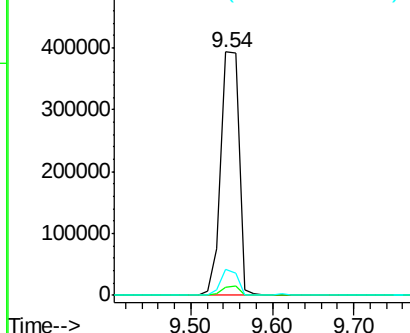
#49
Dimethylphthalate
Concen: 39.41 ng
RT: 9.54 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:163 Resp: 606530
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.5 12.7

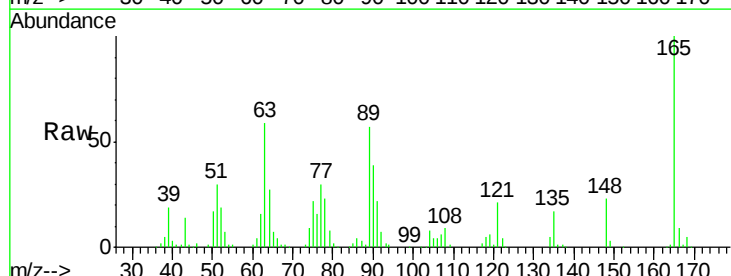


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

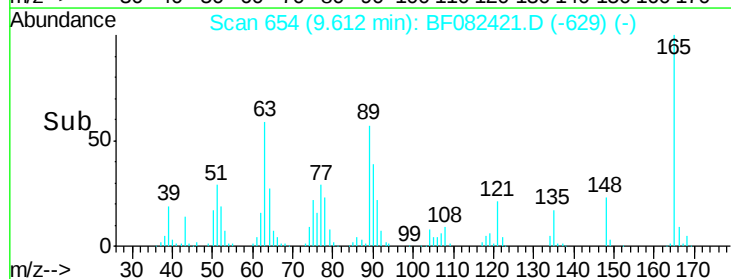
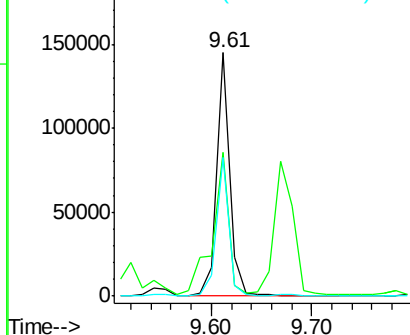


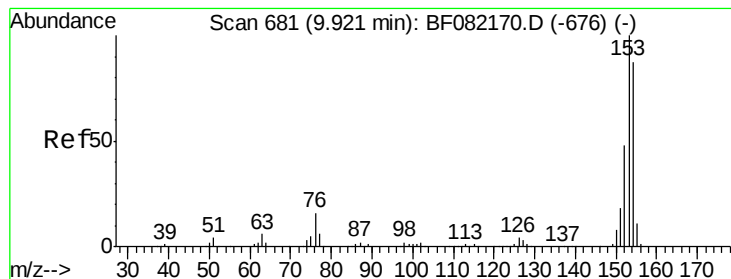
#50
2,6-Dinitrotoluene
Concen: 40.44 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:165 Resp: 131315
Ion Ratio Lower Upper
165 100
63 59.3 36.7 55.1#
89 56.9 37.8 56.6#



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: 40.62 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

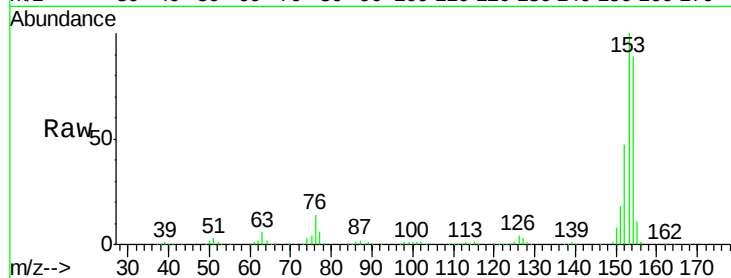
Tot Ion:154 Resp: 498396

Ion Ratio Lower Upper

154 100

153 112.2 91.4 137.2

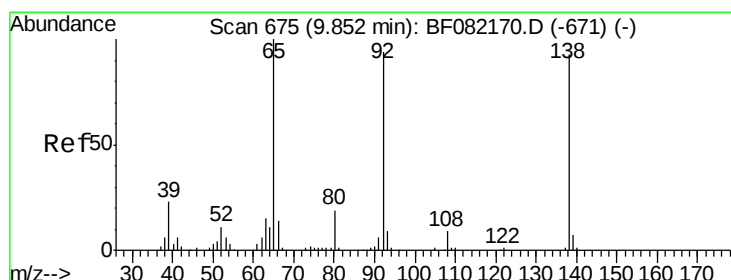
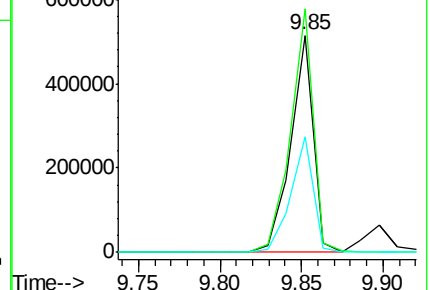
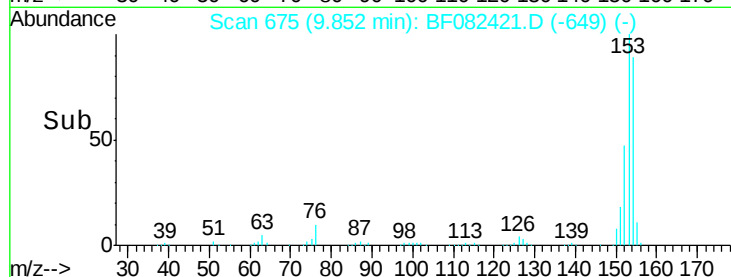
152 53.0 44.3 66.5



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: 7.16 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

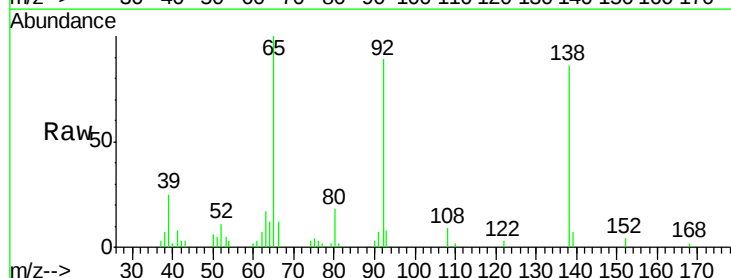
Tgt Ion:138 Resp: 26245

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

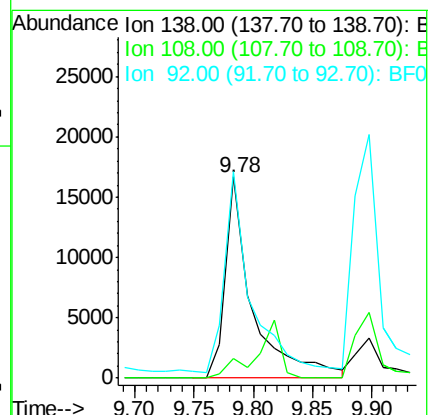
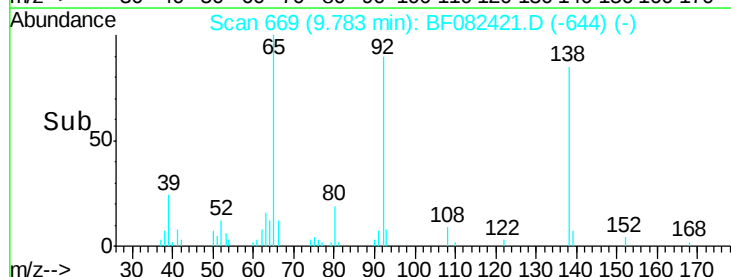
92 102.7 81.3 121.9

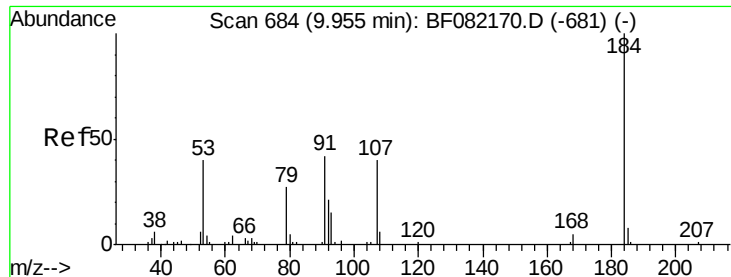


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

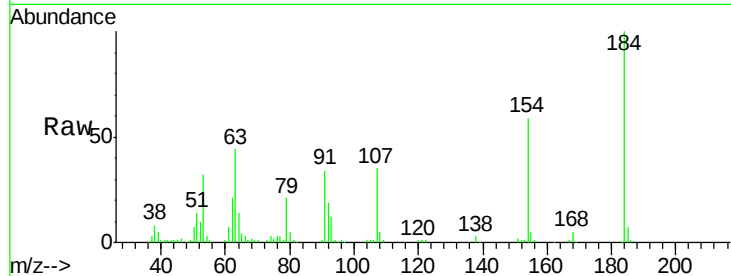




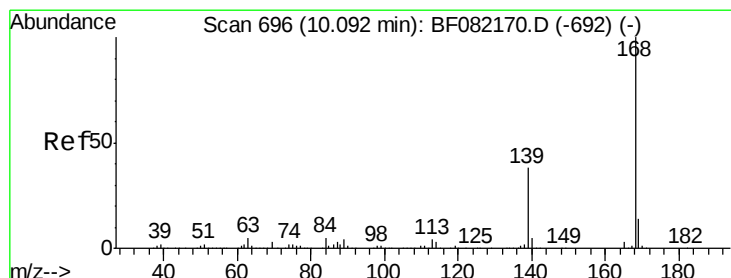
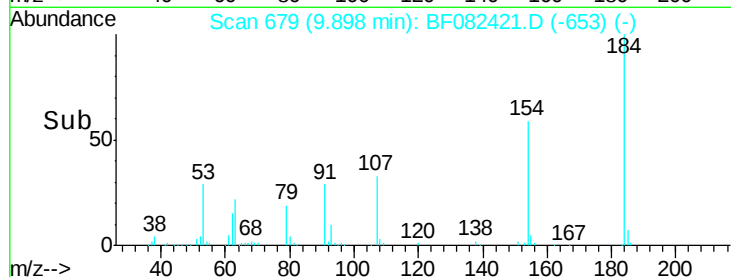
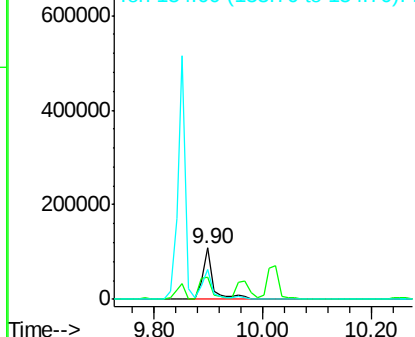
#53
2,4-Dinitrophenol
Concen: 79.64 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:184 Resp: 144457
Ion Ratio Lower Upper
184 100
63 44.2 45.1 67.7#
154 59.2 51.2 76.8

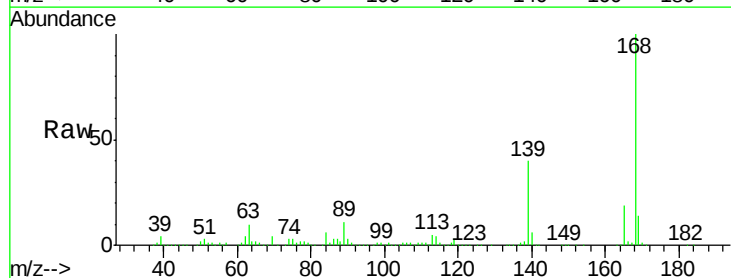


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

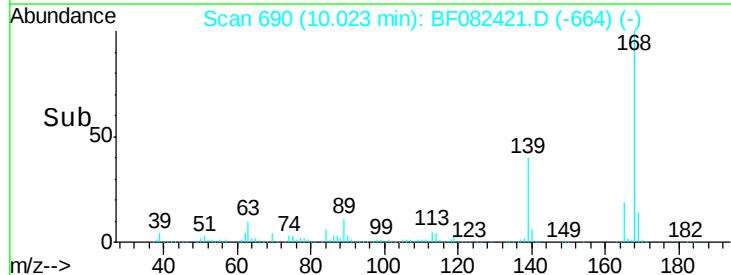
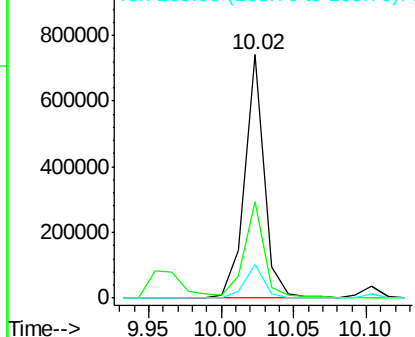


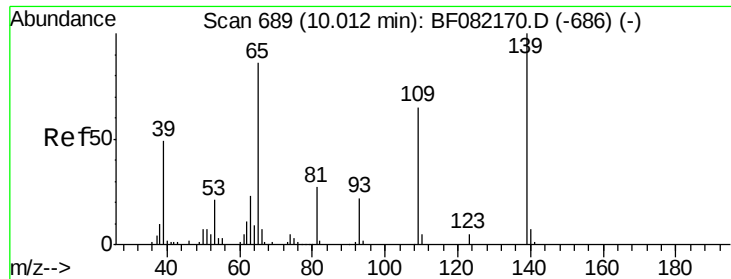
#54
Dibenzofuran
Concen: 41.23 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:168 Resp: 694480
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 13.7 10.9 16.3



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

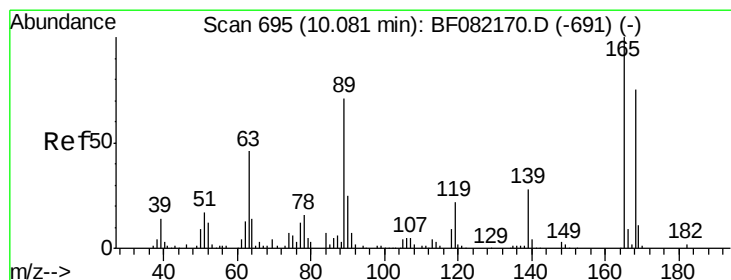
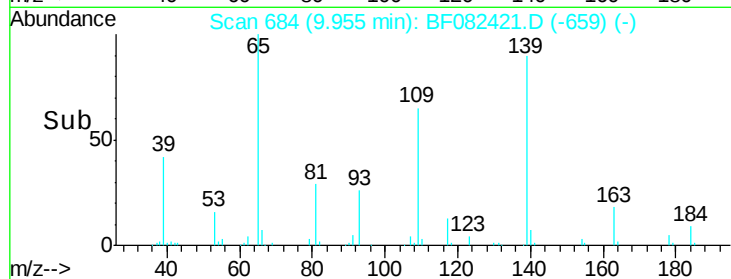
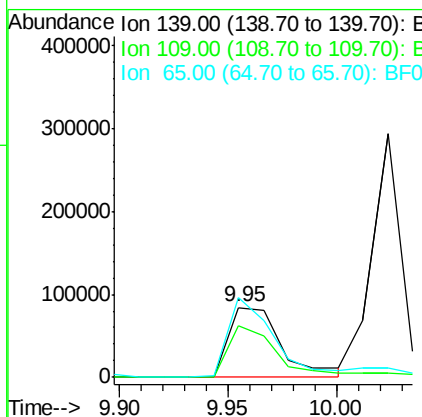
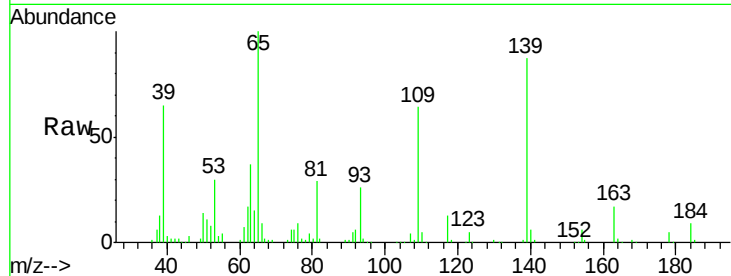




#55
4-Nitrophenol
Concen: 61.71 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

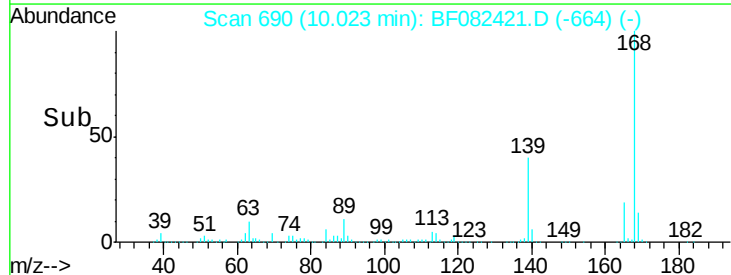
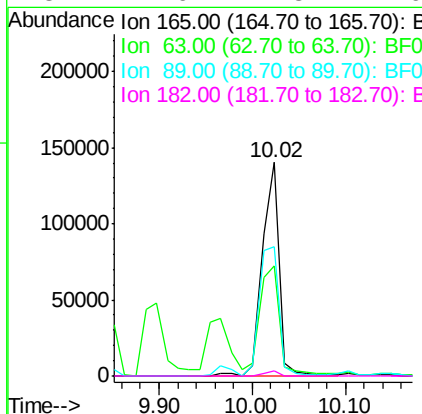
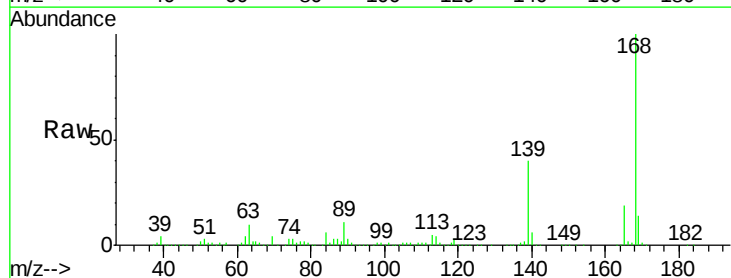
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

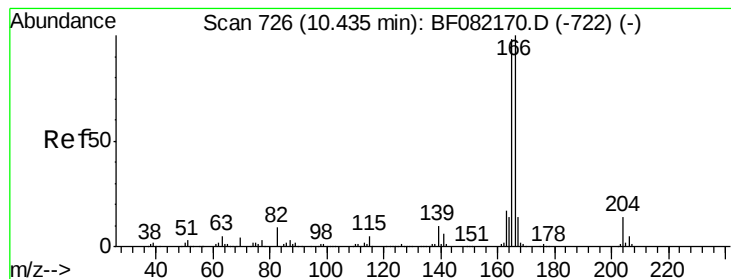
Tot Ion:139 Resp: 142049
Ion Ratio Lower Upper
139 100
109 73.3 44.8 84.8
65 115.1 67.7 107.7#



#56
2,4-Dinitrotoluene
Concen: 43.89 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:165 Resp: 178131
Ion Ratio Lower Upper
165 100
63 51.5 38.6 58.0
89 60.4 57.0 85.6
182 2.6 1.8 2.6





#57

Fluorene

Concen: 42.00 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

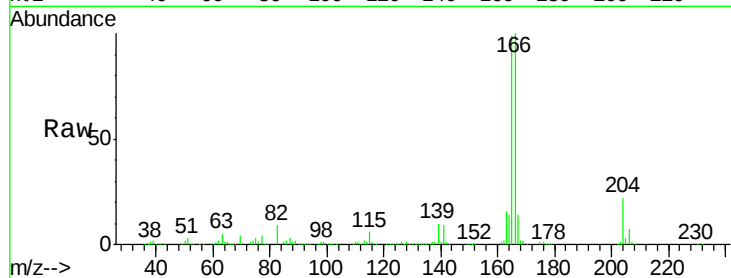
Tot Ion:166 Resp: 581069

Ion Ratio Lower Upper

166 100

165 99.1 78.3 117.5

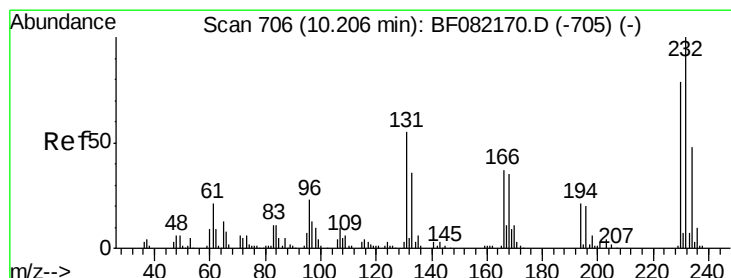
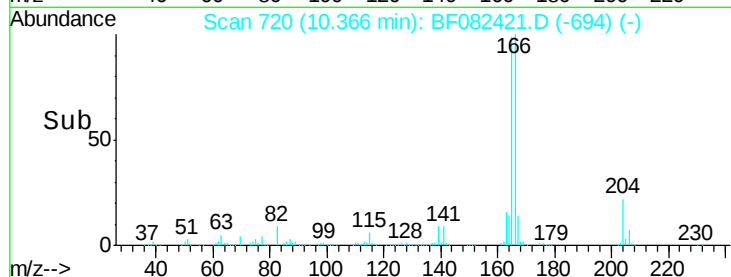
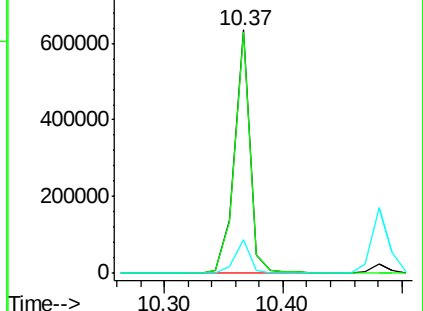
167 13.7 10.8 16.2



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: 39.06 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Tgt Ion:232 Resp: 149261

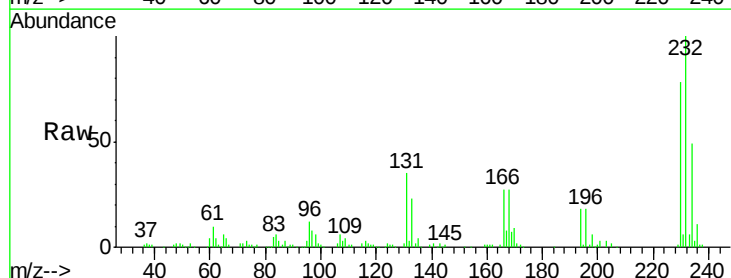
Ion Ratio Lower Upper

232 100

131 44.0 36.6 54.8

130 1.9 1.5 2.3

166 28.7 24.6 37.0

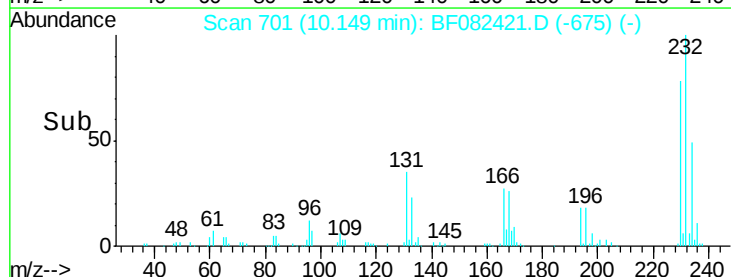
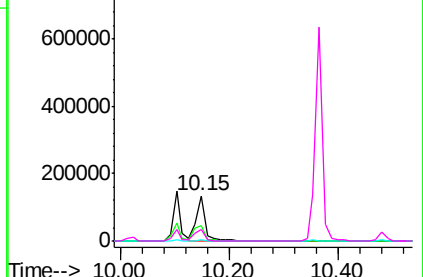


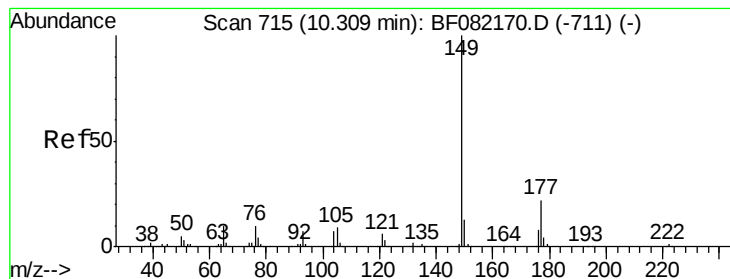
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.26 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

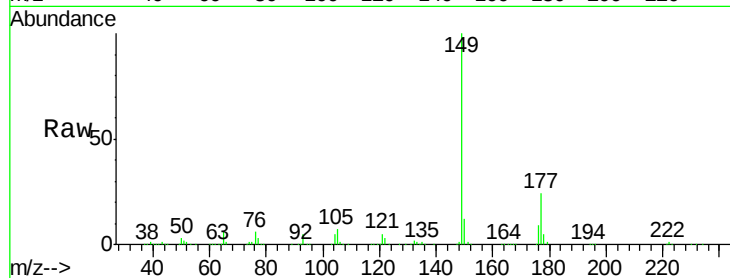
Tot Ion:149 Resp: 620582

Ion Ratio Lower Upper

149 100

177 24.2 17.6 26.4

150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

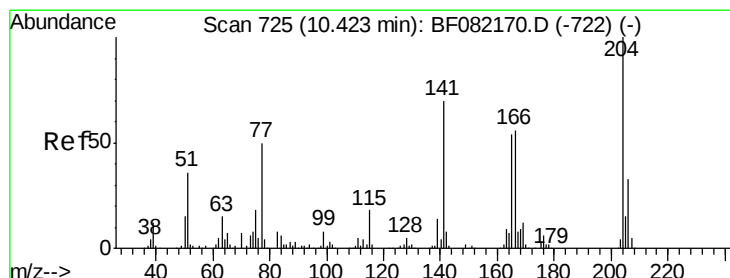
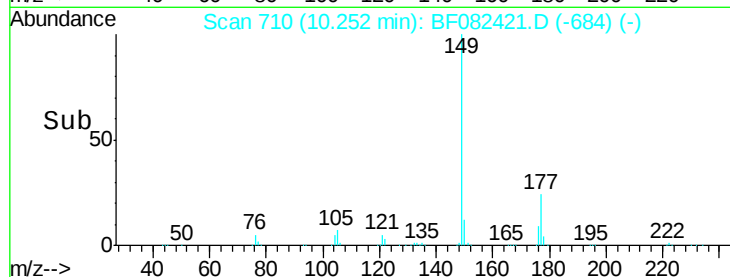
10.25

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 41.15 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

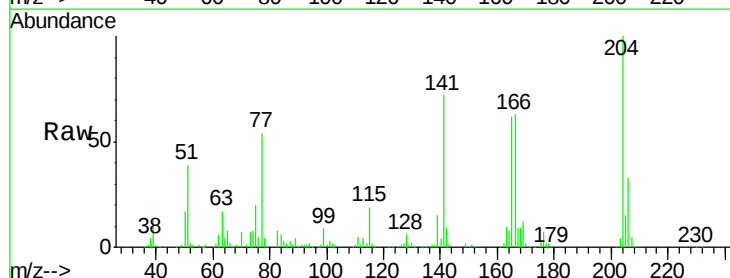
Tgt Ion:204 Resp: 260767

Ion Ratio Lower Upper

204 100

206 33.0 26.8 40.2

141 71.7 56.1 84.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.35

300000

250000

200000

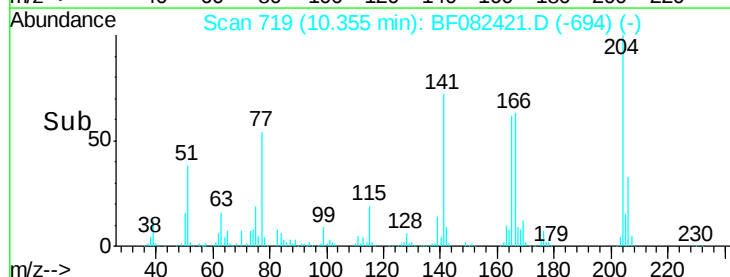
150000

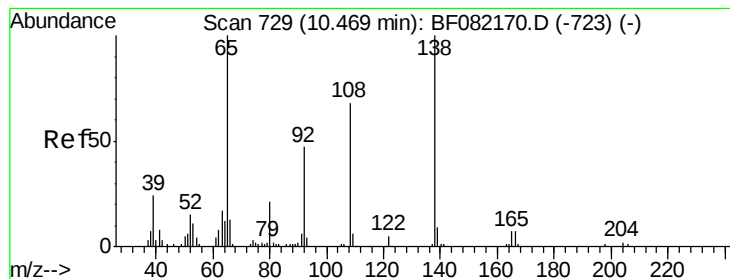
100000

50000

0

Time-->





#61

4-Nitroaniline

Concen: 33.97 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

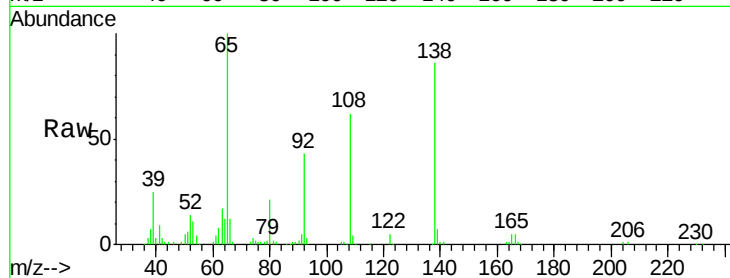
Tot Ion:138 Resp: 120856

Ion Ratio Lower Upper

138 100

92 50.8 26.8 66.8

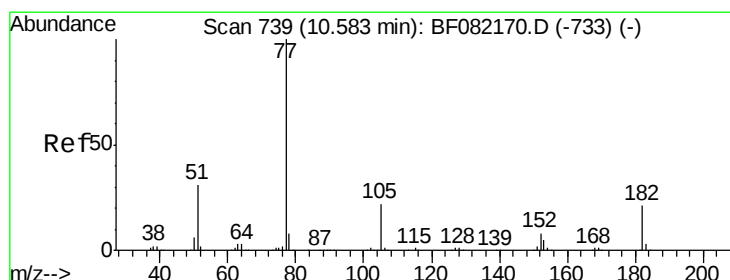
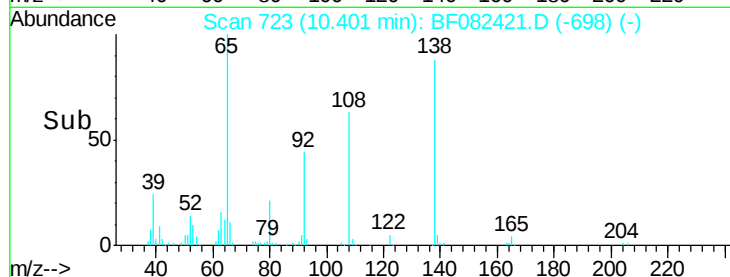
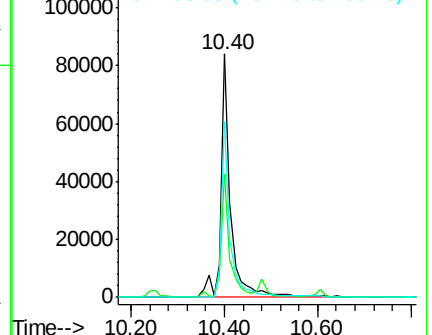
108 72.0 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.51 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Tgt Ion: 77 Resp: 568795

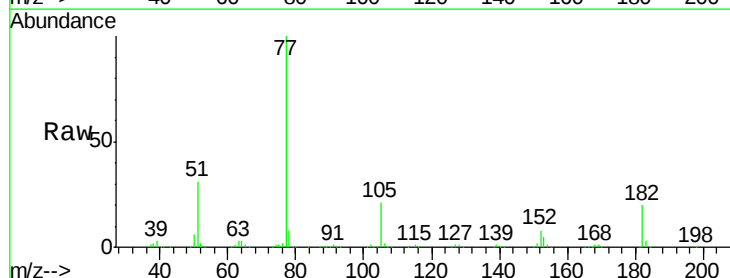
Ion Ratio Lower Upper

77 100

182 20.1 0.5 40.5

105 21.4 1.8 41.8

51 30.8 11.2 51.2

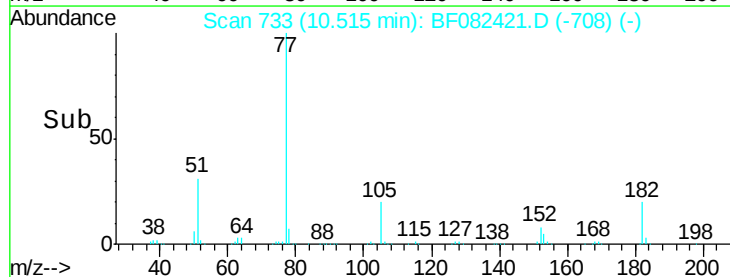
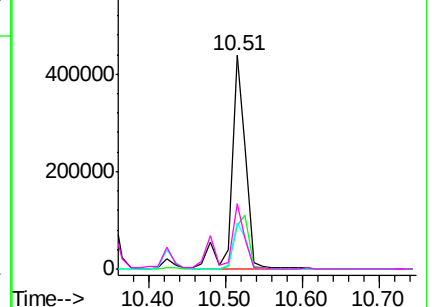


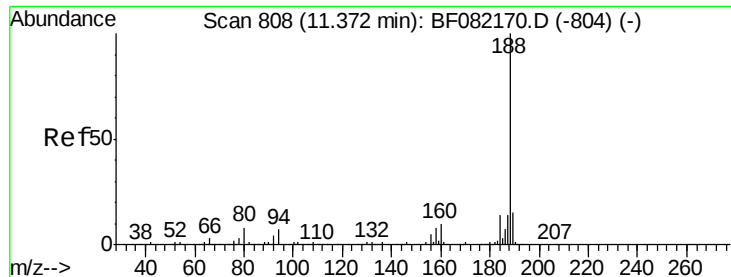
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

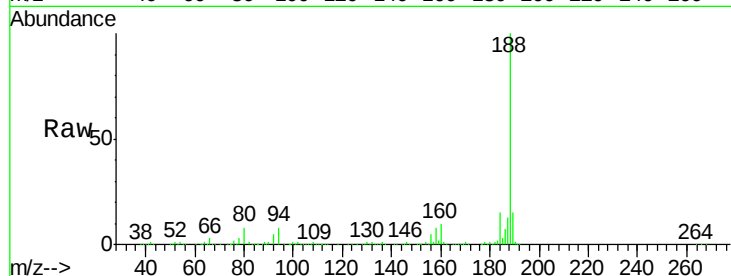
Tot Ion:188 Resp: 413780

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

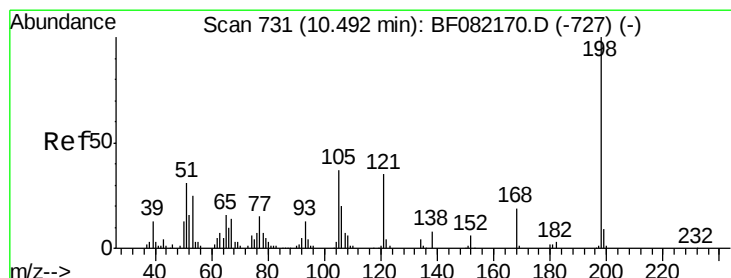
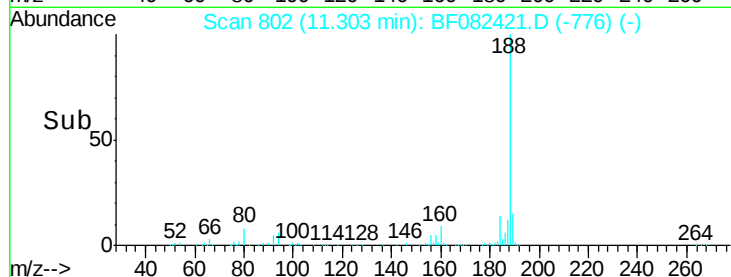
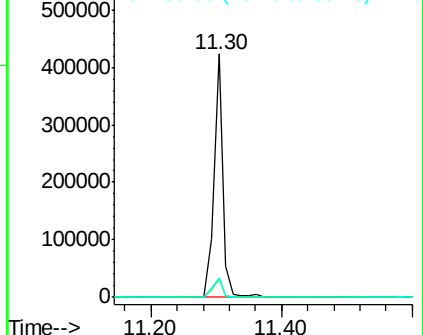
80 8.3 6.4 9.6



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: 39.80 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

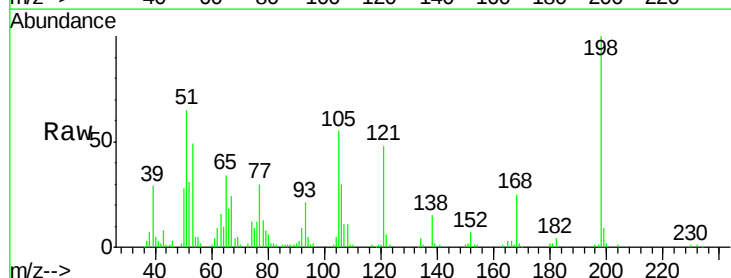
Tgt Ion:198 Resp: 92430

Ion Ratio Lower Upper

198 100

51 65.0 13.6 53.6#

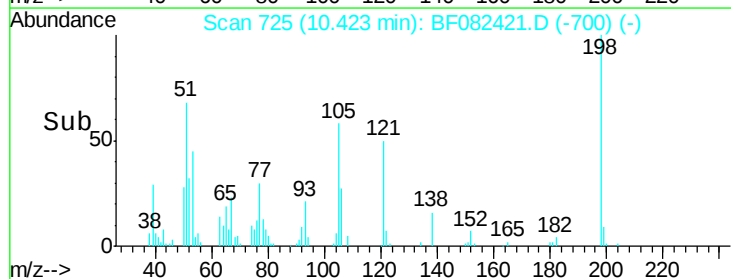
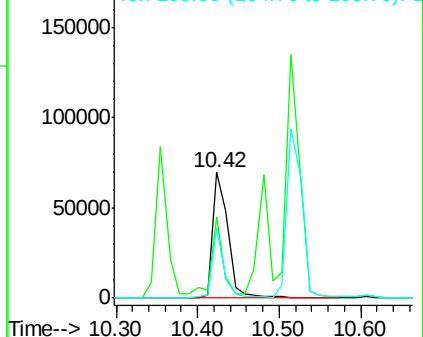
105 55.3 17.1 57.1

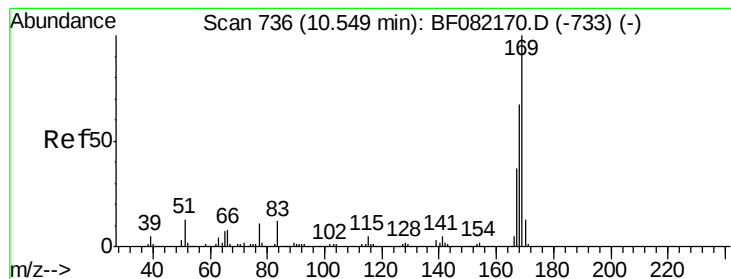


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.69 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

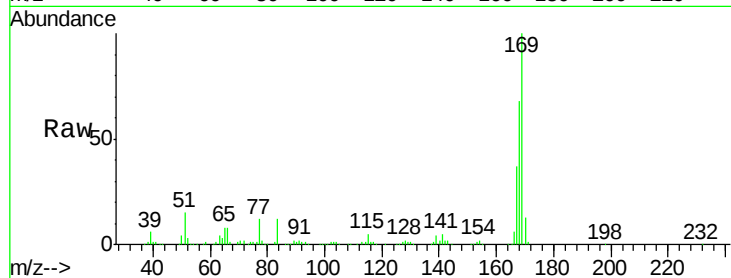
Tot Ion:169 Resp: 479283

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

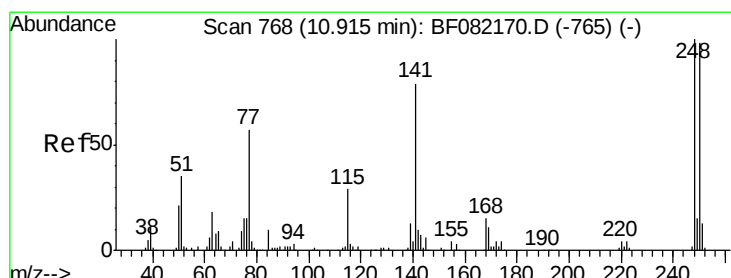
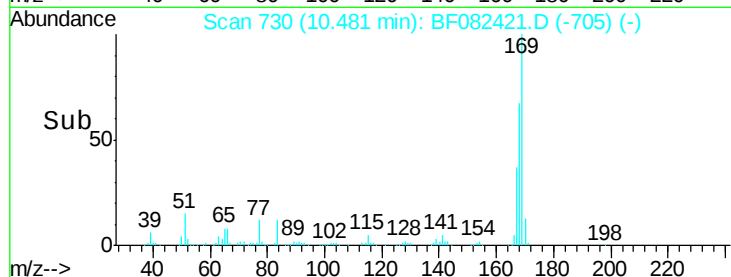
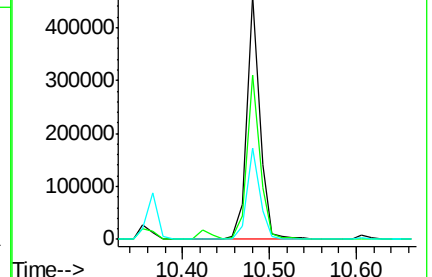
167 37.3 29.6 44.4



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: 37.37 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

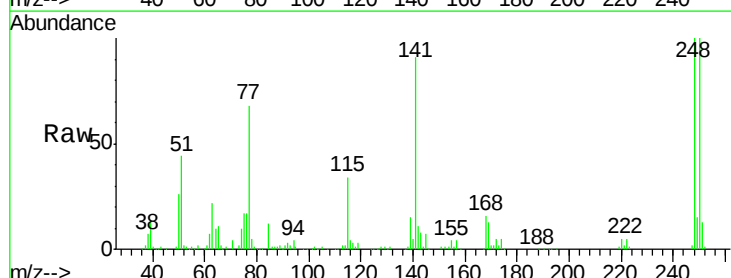
Tgt Ion:248 Resp: 154753

Ion Ratio Lower Upper

248 100

250 99.6 78.6 117.8

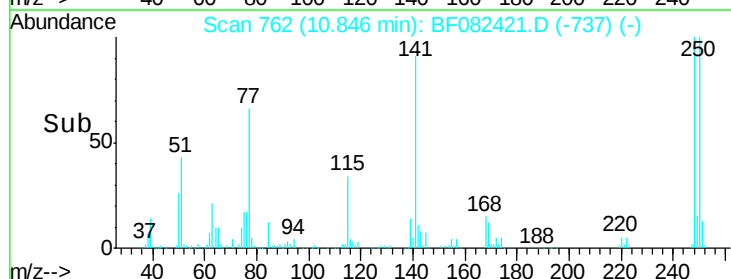
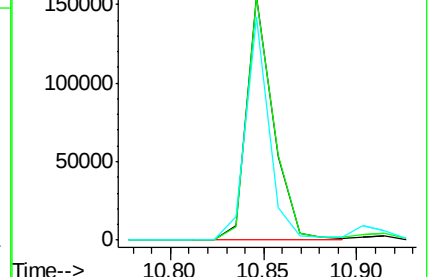
141 91.5 63.3 94.9

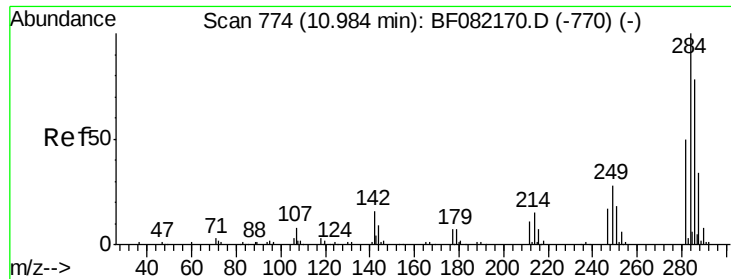


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

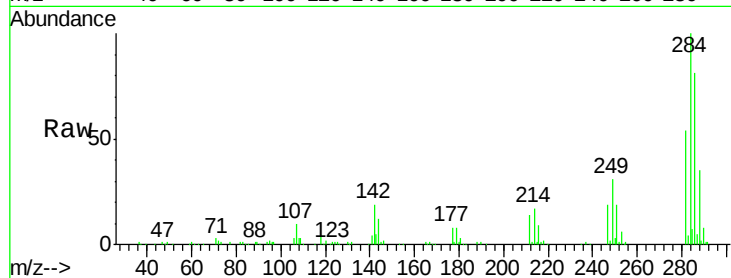




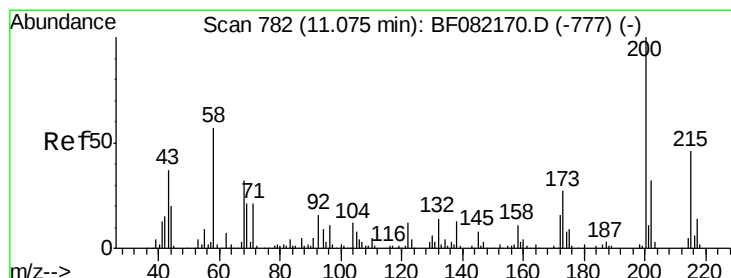
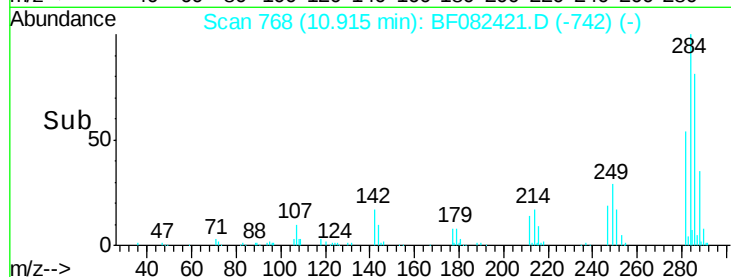
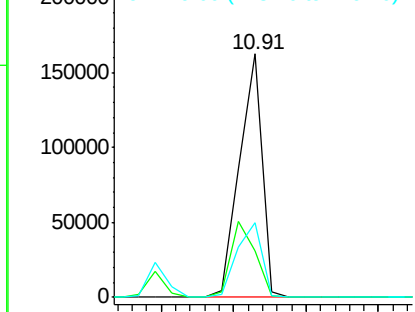
#67
Hexachlorobenzene
Concen: 39.33 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:284 Resp: 176128
Ion Ratio Lower Upper
284 100
142 19.1 13.0 19.6
249 30.6 22.5 33.7

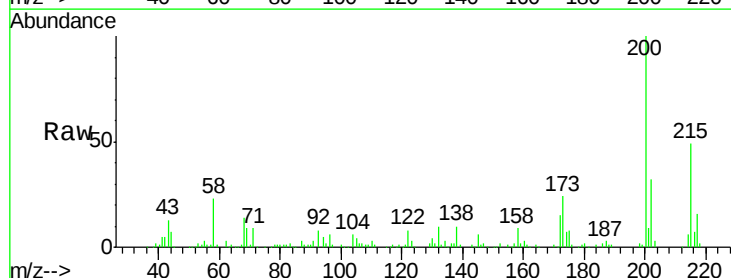


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

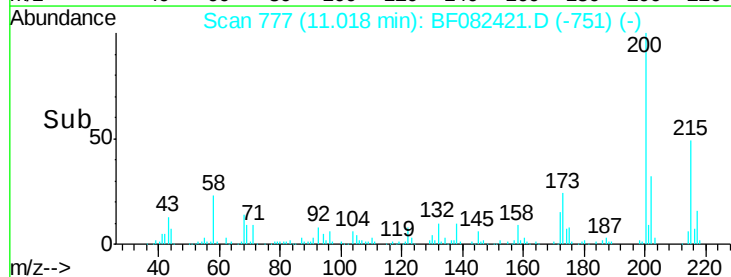
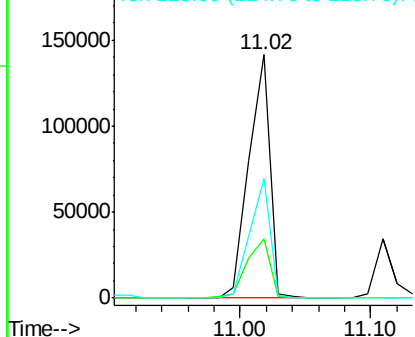


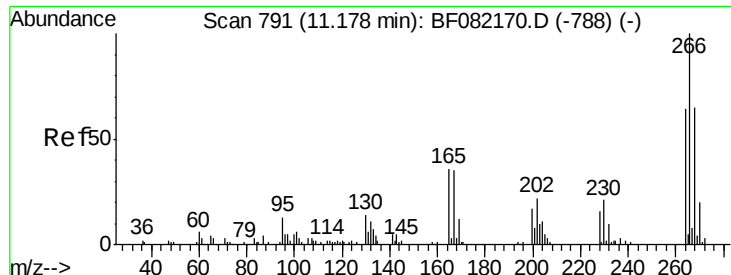
#68
Atrazine
Concen: 40.60 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:200 Resp: 159356
Ion Ratio Lower Upper
200 100
173 24.5 7.3 47.3
215 48.8 26.2 66.2



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

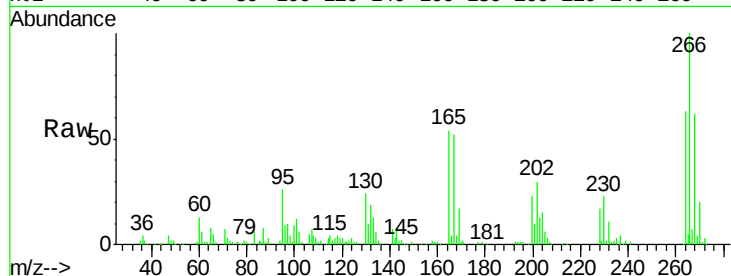




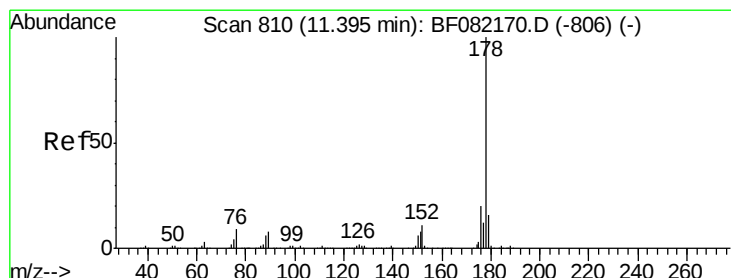
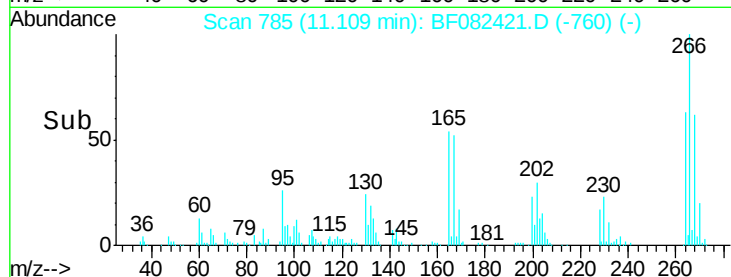
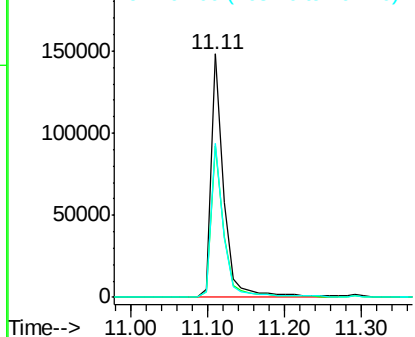
#69
 Pentachlorophenol
 Concen: 73.92 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.0	78.0
264	63.4	51.4	77.0

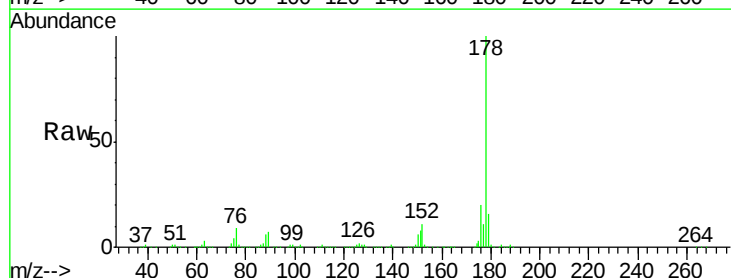


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

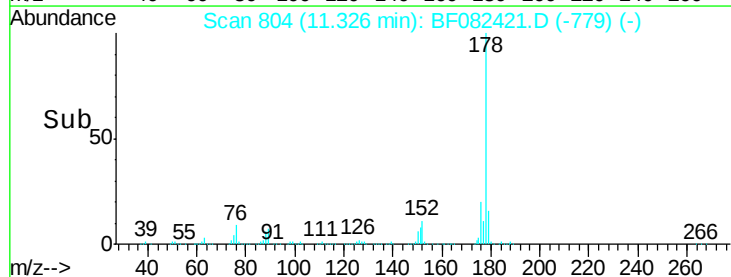
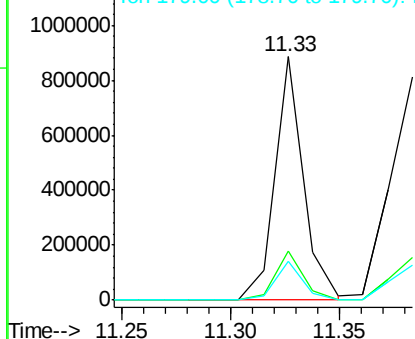


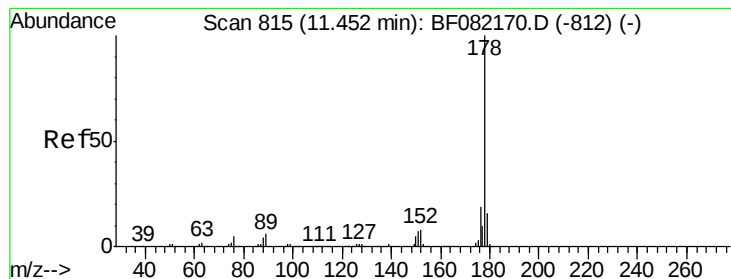
#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.0	12.6	19.0



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





#71

Anthracene

Concen: 43.95 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

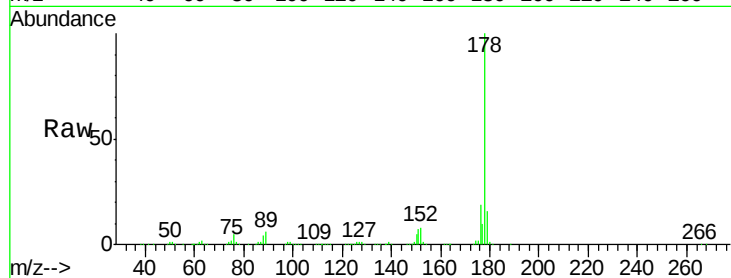
Tot Ion:178 Resp: 918558

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

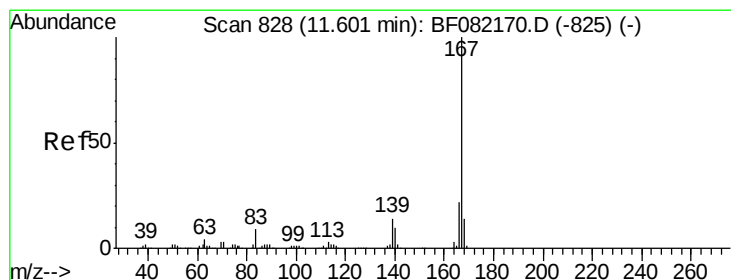
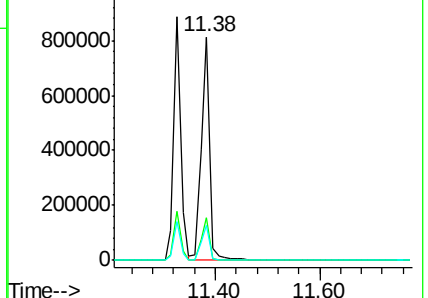
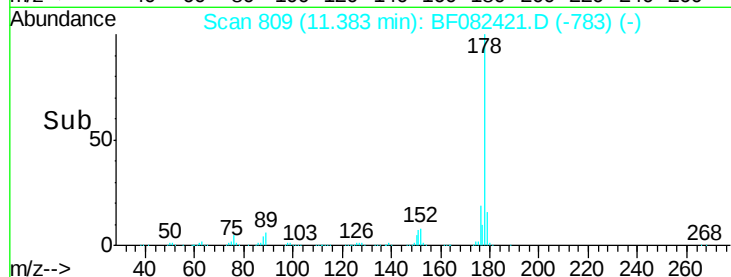
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.88 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

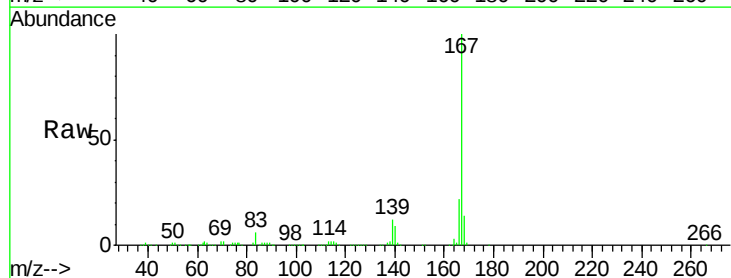
Tgt Ion:167 Resp: 779437

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

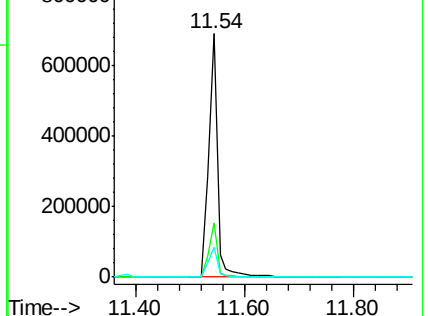
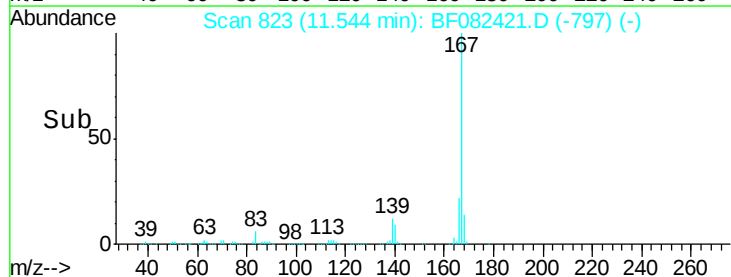
139 12.3 11.2 16.8

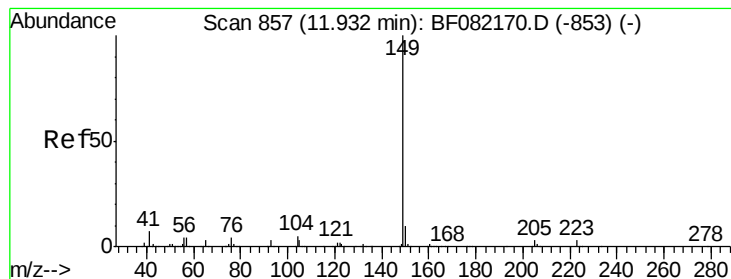


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

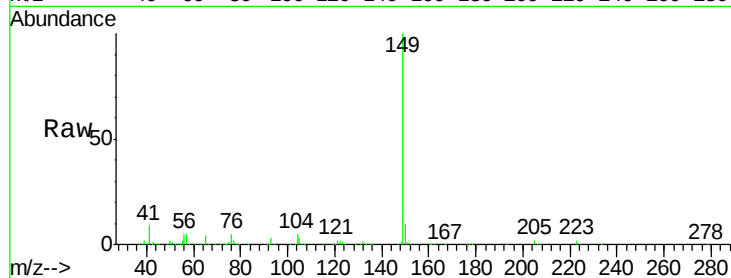
Tot Ion:149 Resp: 939492

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

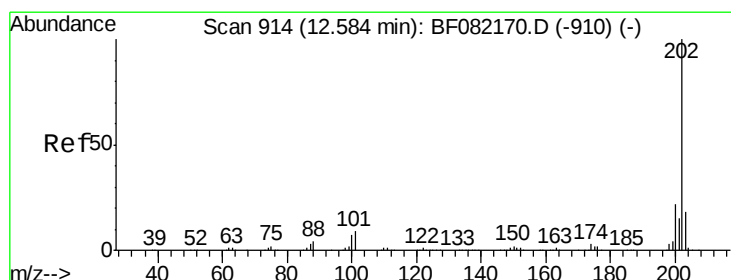
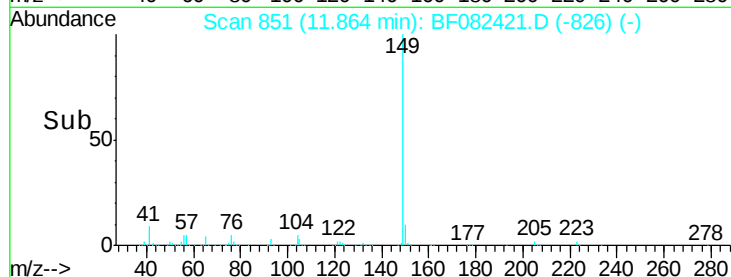
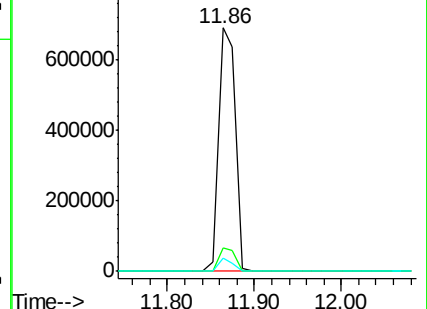
104 5.2 3.8 5.8



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: 39.17 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

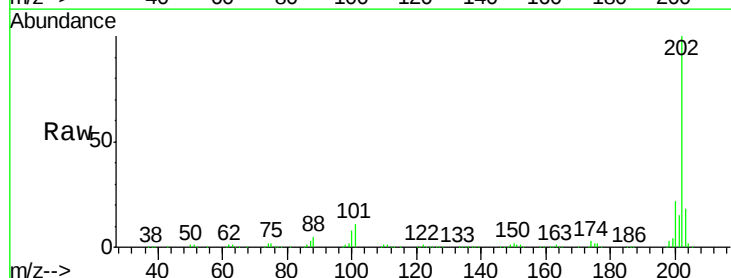
Tgt Ion:202 Resp: 853329

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.3

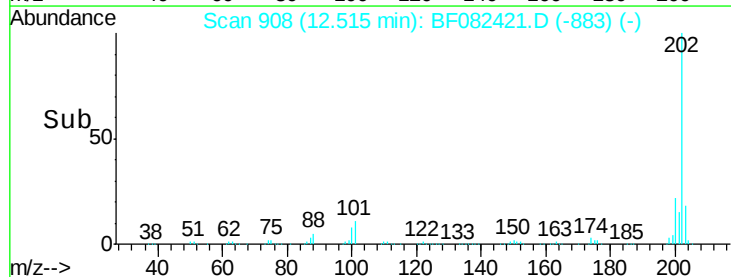
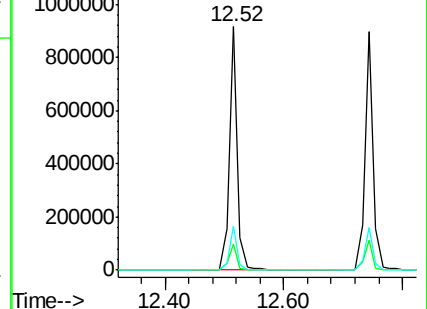
203 18.2 0.0 37.8

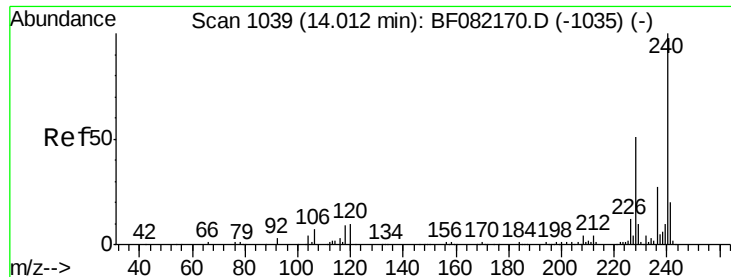


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

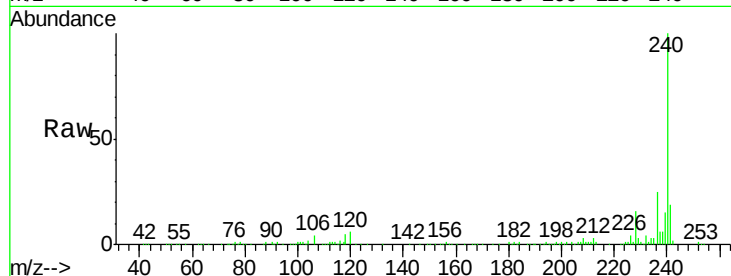
Tot Ion:240 Resp: 321162

Ion Ratio Lower Upper

240 100

120 6.3 8.1 12.1#

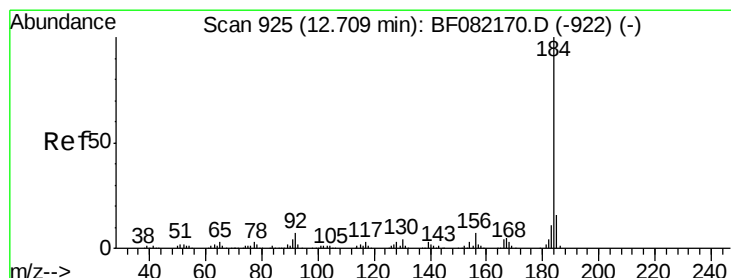
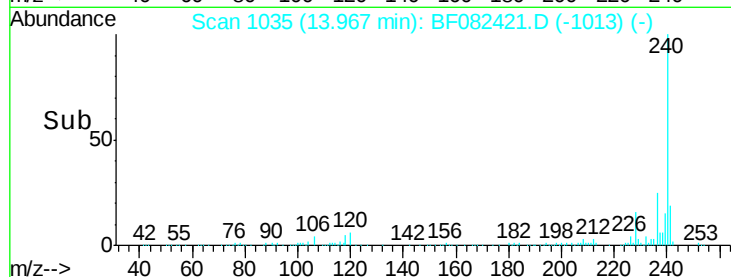
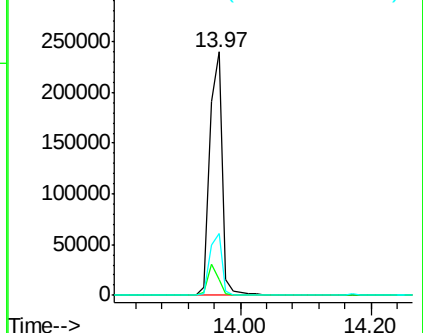
236 25.3 21.3 31.9



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: 4.40 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

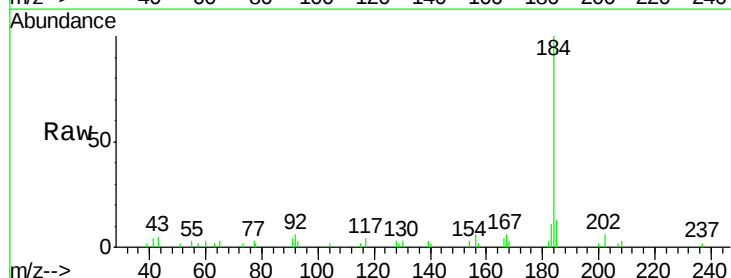
Tgt Ion:184 Resp: 40921

Ion Ratio Lower Upper

184 100

185 13.5 12.5 18.7

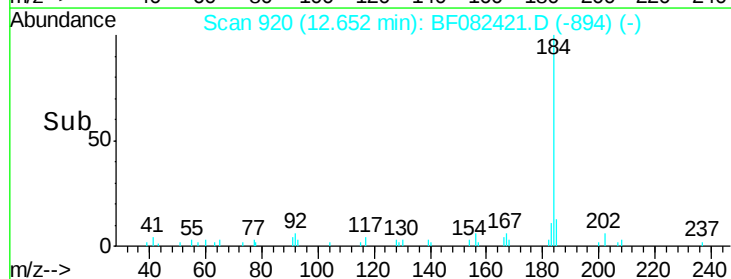
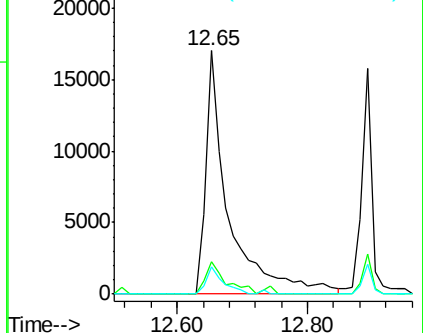
183 11.3 9.1 13.7

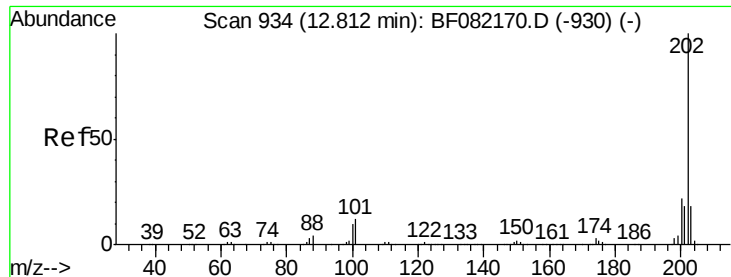


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

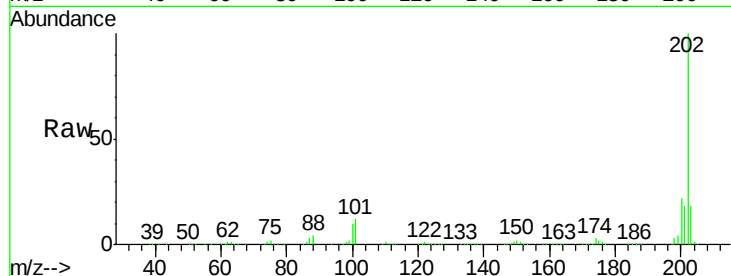




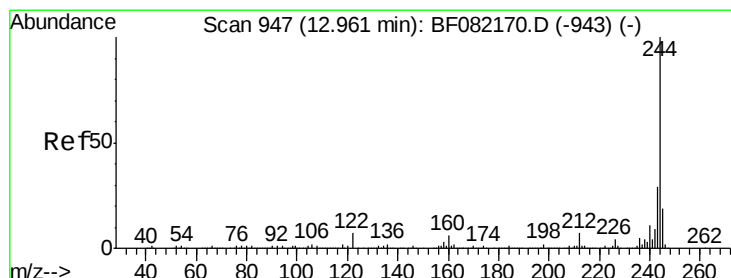
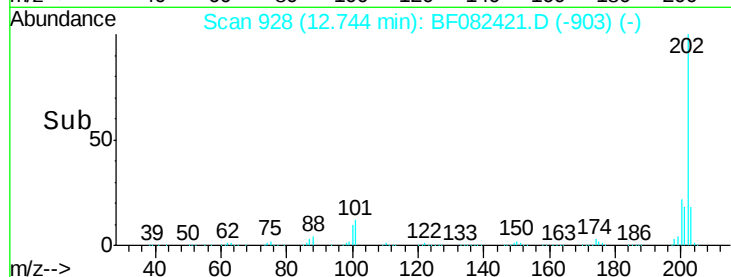
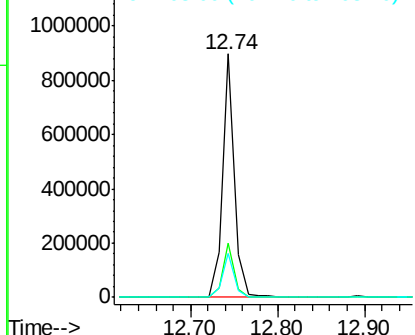
#77
Pvrene
Concen: 45.12 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

Tot Ion:202 Resp: 859888
Ion Ratio Lower Upper
202 100
200 22.1 17.9 26.9
203 17.9 14.5 21.7

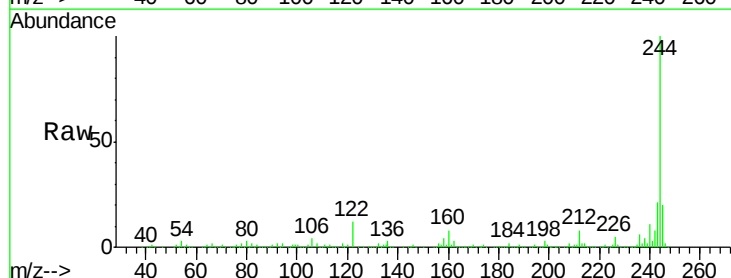


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

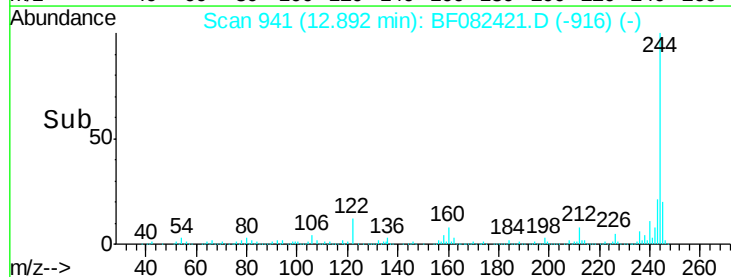
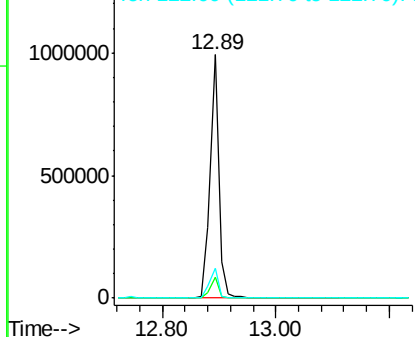


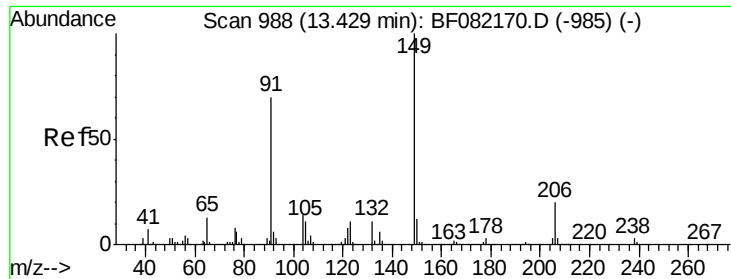
#78
Terphenyl-d14
Concen: 84.50 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:244 Resp: 1024162
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 12.5 5.9 8.9#



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: 47.98 ng

RT: 13.37 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

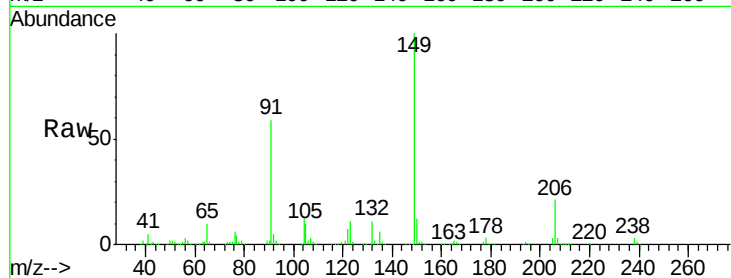
Tot Ion:149 Resp: 417370

Ion Ratio Lower Upper

149 100

91 59.0 55.7 83.5

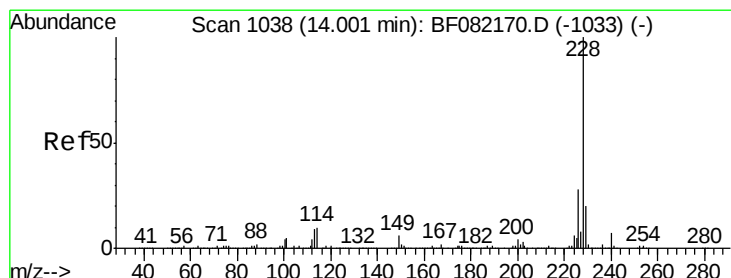
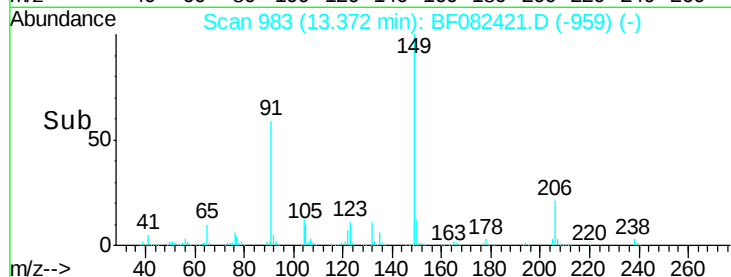
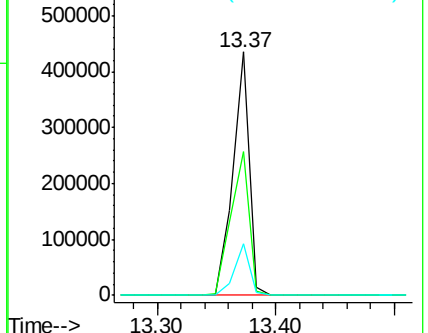
206 21.4 15.6 23.4



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: 40.37 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

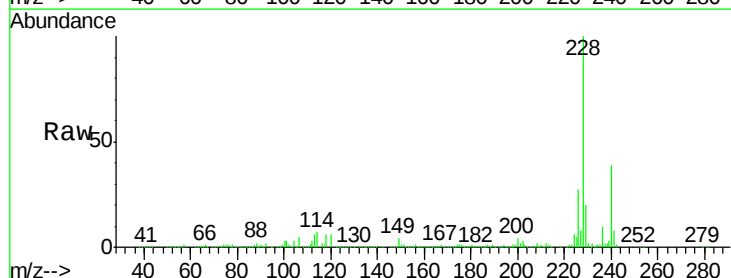
Tgt Ion:228 Resp: 674597

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

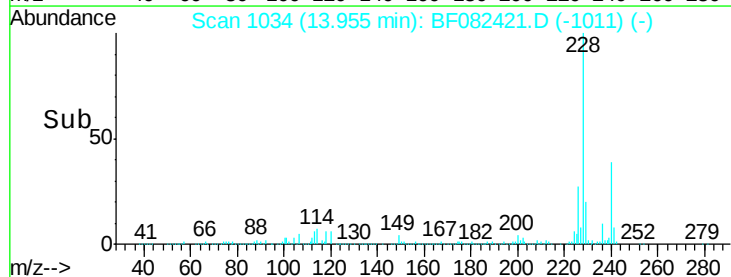
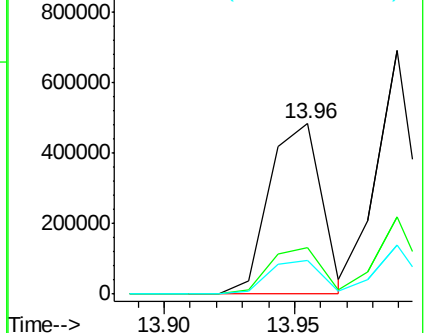
229 19.9 16.2 24.2

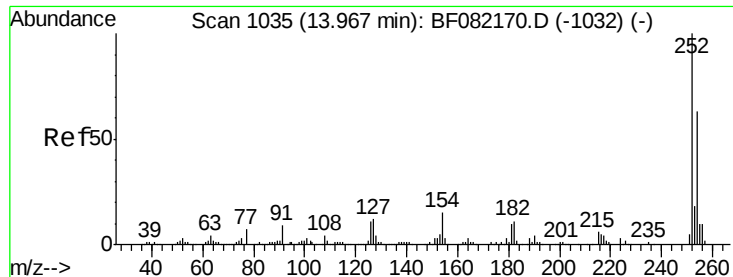


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

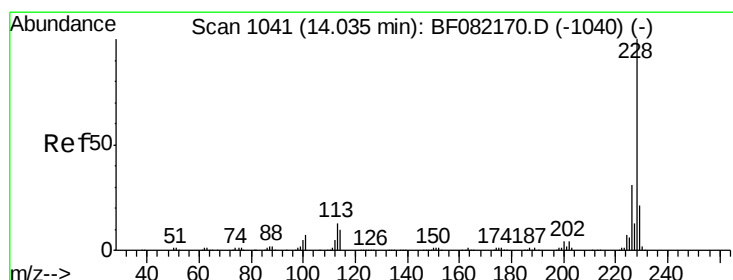
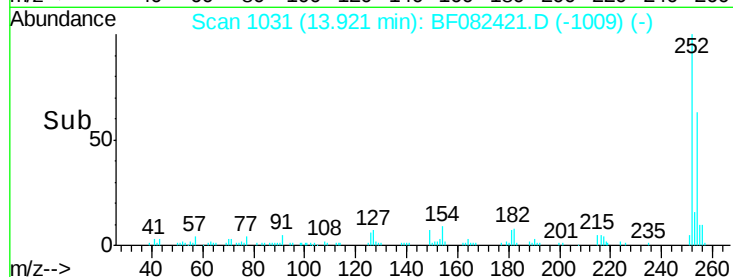
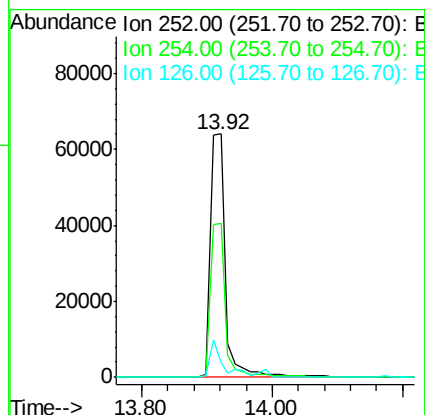
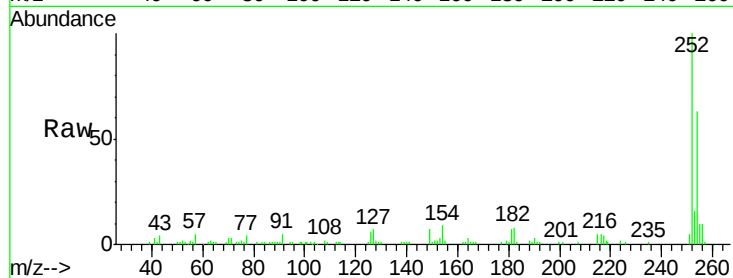




#81
 3,3'-Dichlorobenzidine
 Concen: 16.33 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

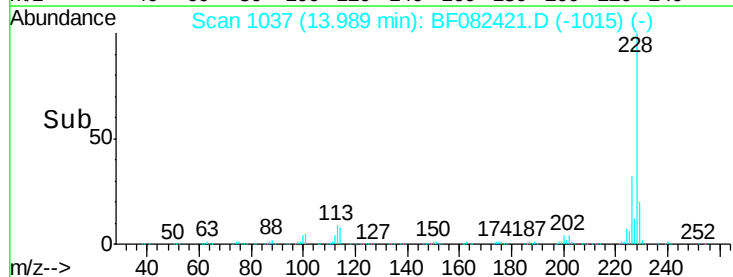
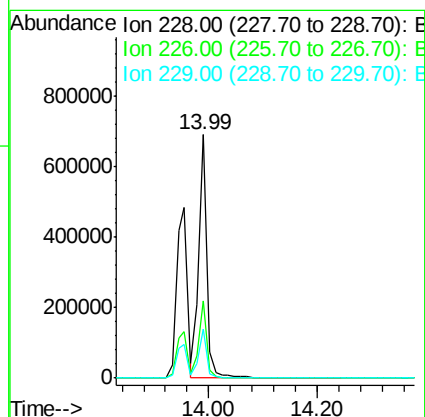
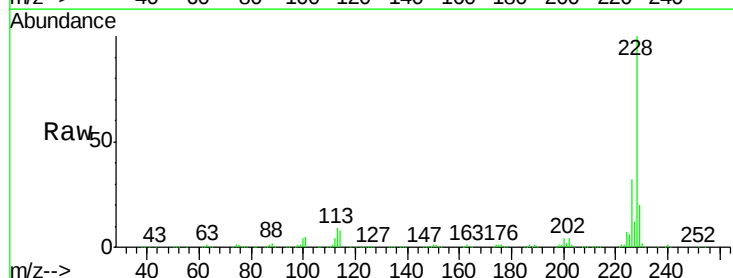
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

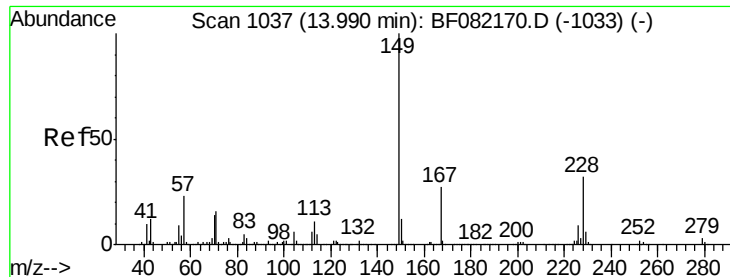
Tot Ion:252 Resp: 103599
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 6.1 9.0 13.6#



#82
 Chrysene
 Concen: 40.11 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion:228 Resp: 706189
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.4 36.6
 229 20.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.41 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

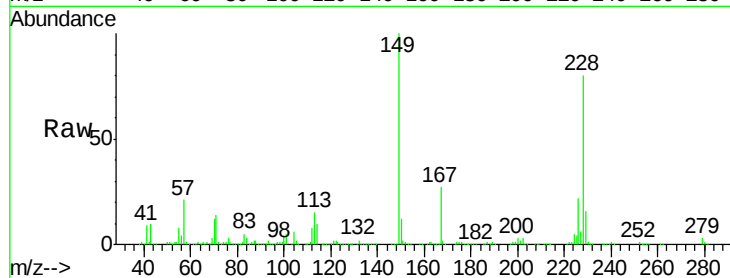
Tot Ion:149 Resp: 563560

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

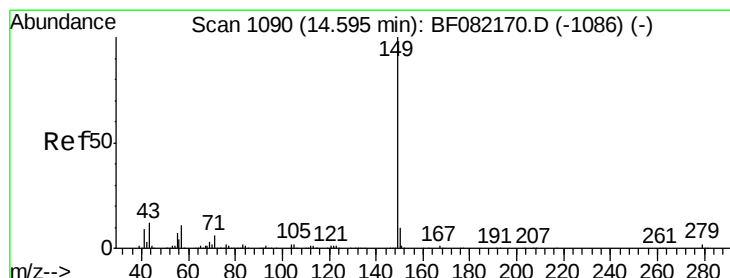
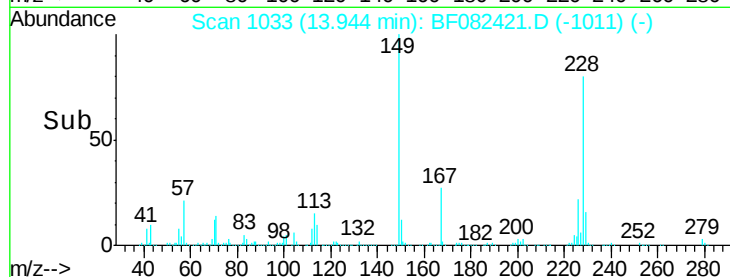
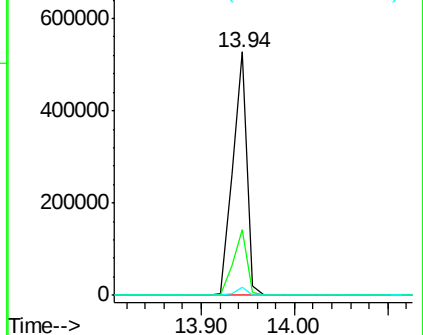
279 3.4 2.6 4.0



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: 42.47 ng

RT: 14.60 min Scan# 1090

Delta R.T. -0.08 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

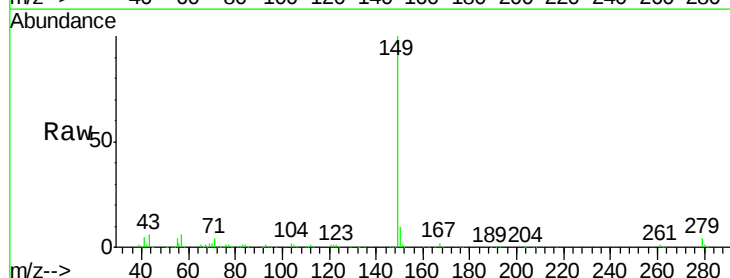
Tgt Ion:149 Resp: 904995

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

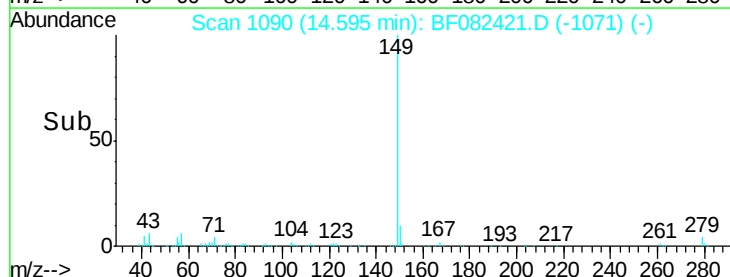
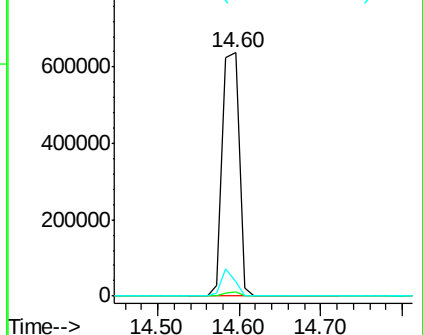
43 9.0 7.4 11.2

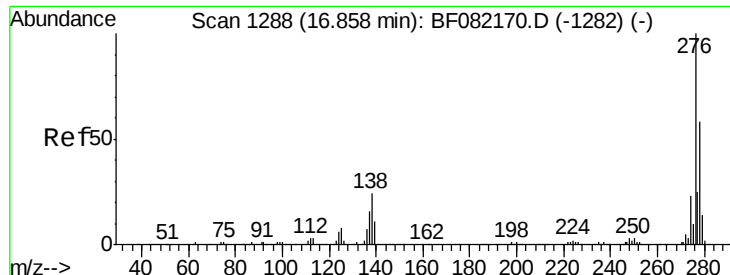


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

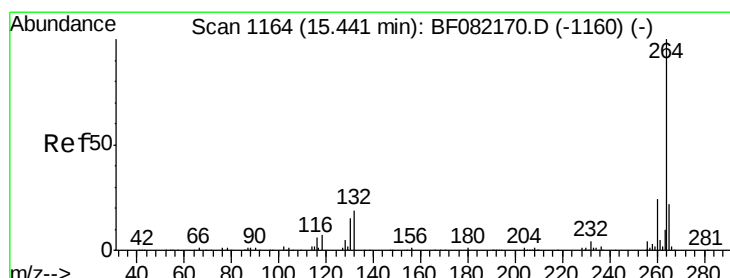
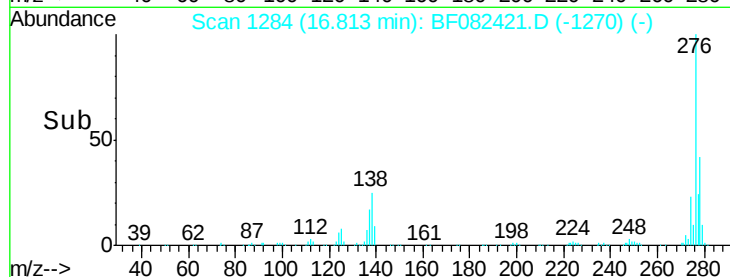
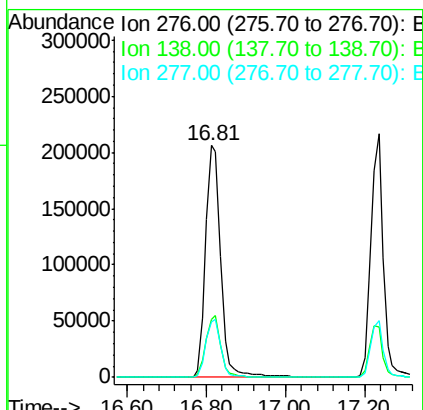
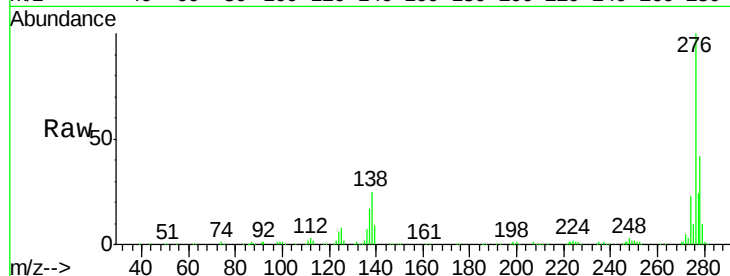




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.28 ng
 RT: 16.81 min Scan# 1284
 Delta R.T. -0.14 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

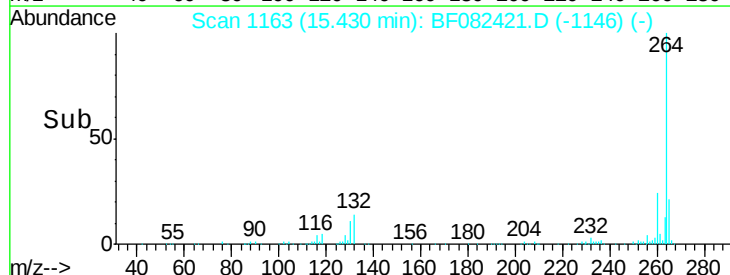
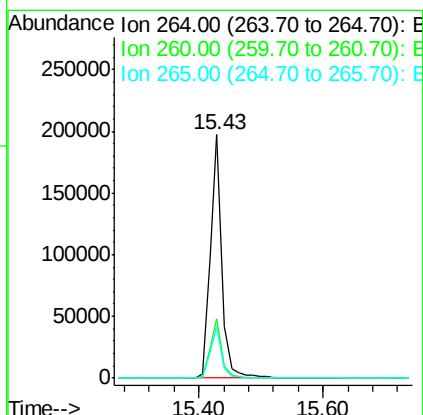
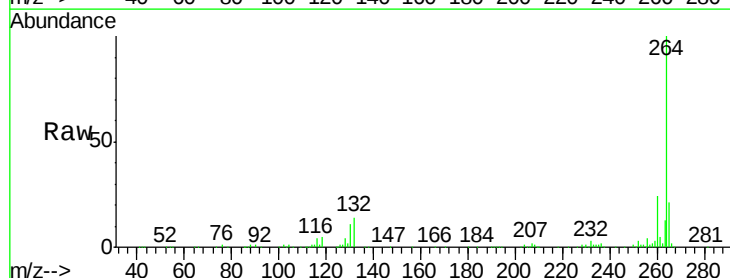
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MSD

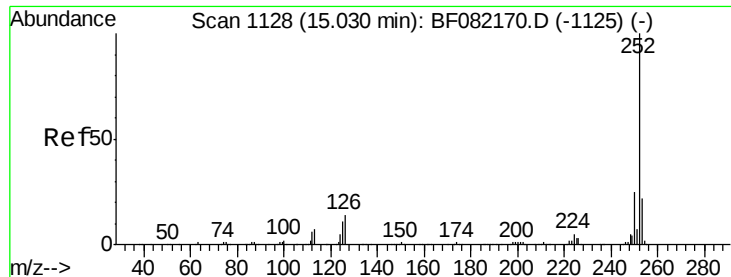
Tot Ion:276 Resp: 549717
 Ion Ratio Lower Upper
 276 100
 138 25.9 19.7 29.5
 277 24.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1163
 Delta R.T. -0.10 min
 Lab File: BF082421.D
 Acq: 21 Oct 2015 23:19

Tgt Ion:264 Resp: 250902
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.2 17.3 25.9

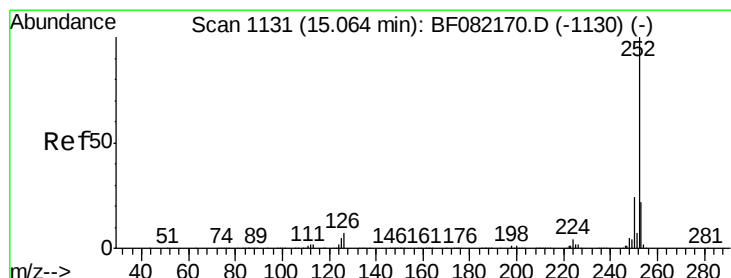
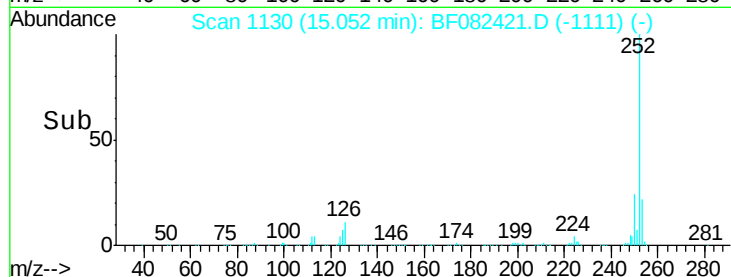
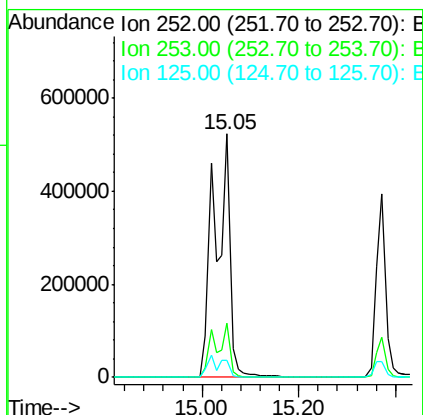
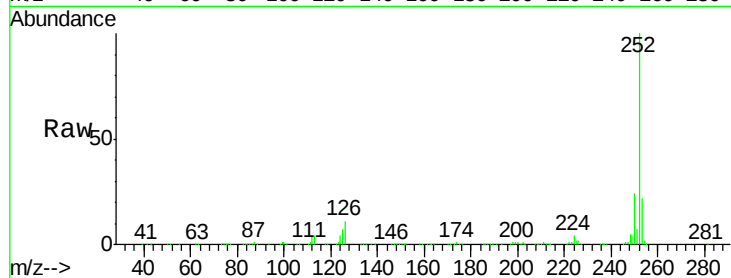




#87
Benzo(b)fluoranthene
Concen: 76.97 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.08 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

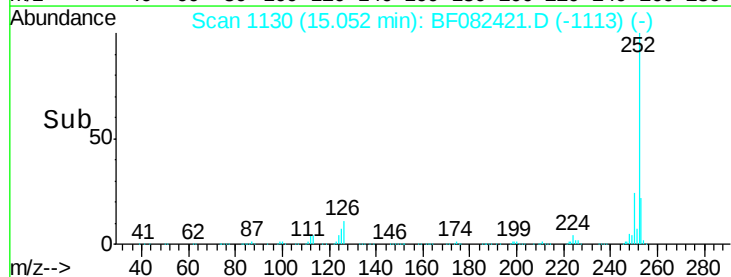
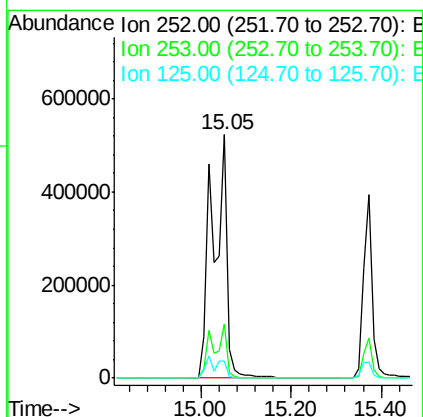
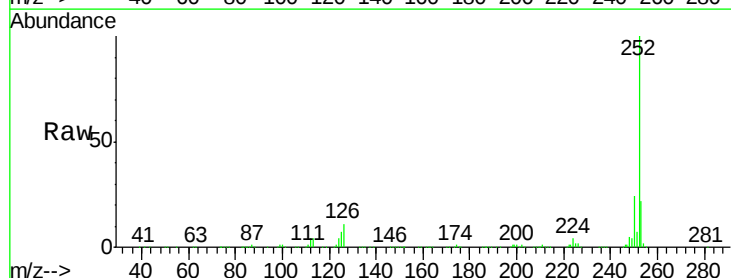
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MSD

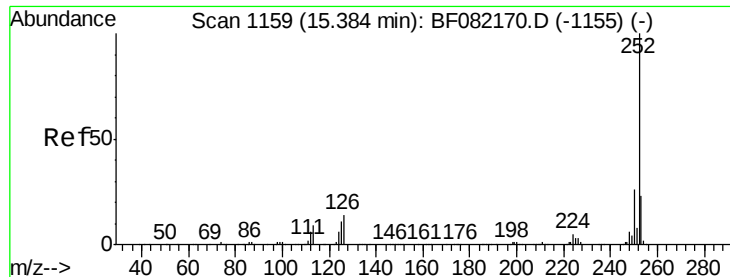
Tot Ion:252 Resp: 1174958
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 7.3 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 91.65 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF082421.D
Acq: 21 Oct 2015 23:19

Tgt Ion:252 Resp: 1175958
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 7.3 6.7 10.1





#89

Benzo(a)pyrene

Concen: 41.13 ng

RT: 15.37 min Scan# 1158

Delta R.T. -0.10 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

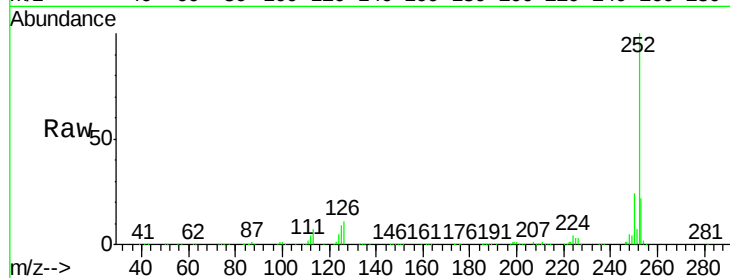
Tot Ion:252 Resp: 539506

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

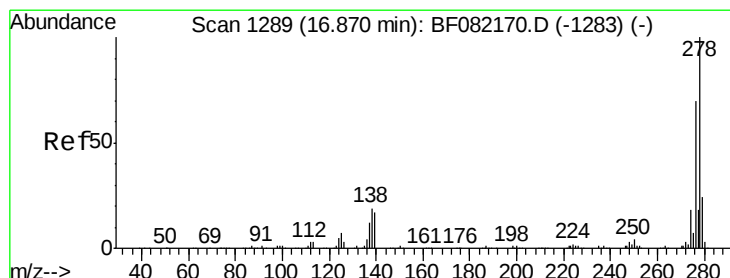
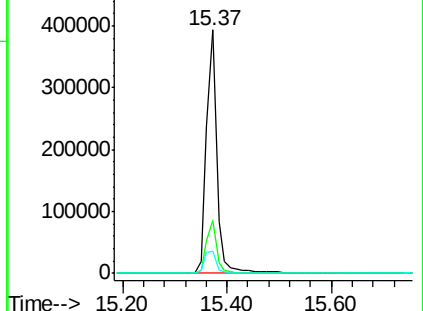
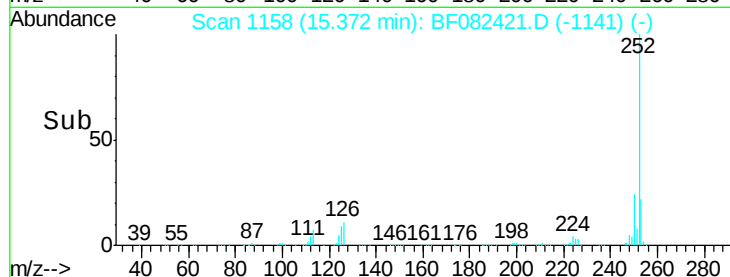
125 8.9 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.84 ng

RT: 16.82 min Scan# 1285

Delta R.T. -0.14 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

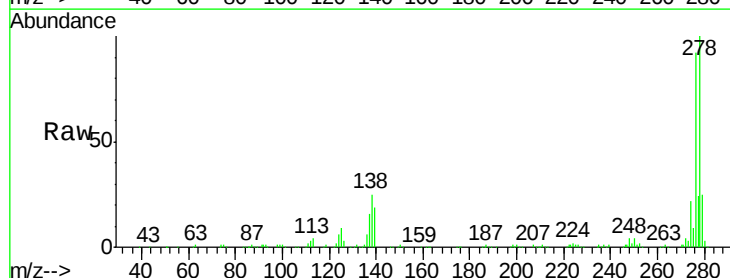
Tgt Ion:278 Resp: 460594

Ion Ratio Lower Upper

278 100

139 18.8 13.3 19.9

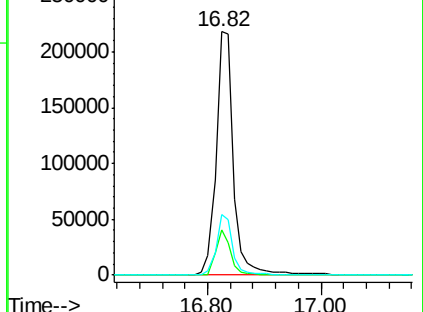
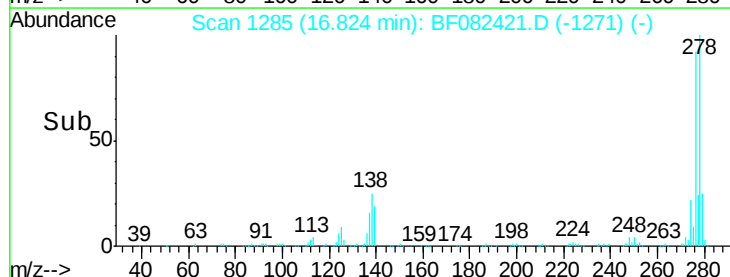
279 24.8 18.9 28.3

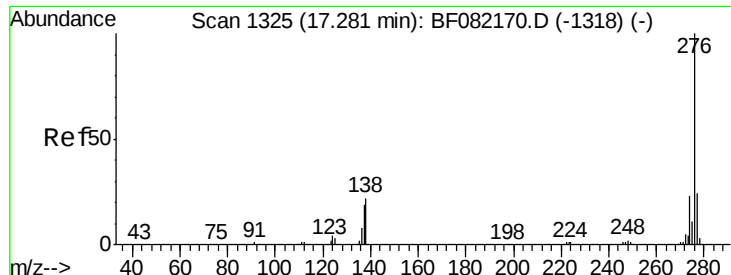


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.36 ng

RT: 17.24 min Scan# 1321

Delta R.T. -0.13 min

Lab File: BF082421.D

Acq: 21 Oct 2015 23:19

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MSD

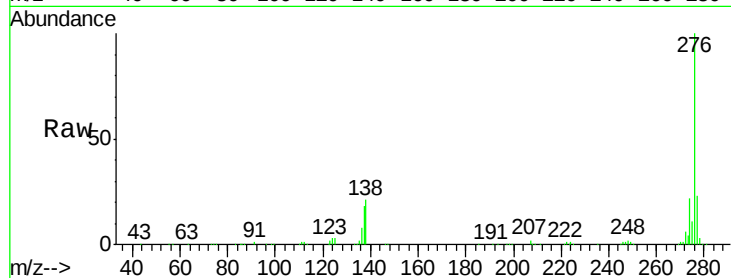
Tot Ion:276 Resp: 463254

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 20.7 17.4 26.2



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

