

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082781.D
 Acq On : 7 Nov 2015 00:49
 Operator : UM/IZ
 Sample : G4251-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Quant Time: Nov 07 03:15:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	224484	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	817077	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	470736	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	779694	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	644247	20.00	ng	-0.01
86) Perylene-d12	15.44	264	552685	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1904070	131.97	ng	0.01
7) Phenol-d6	6.49	99	2602283	135.67	ng	0.01
23) Nitrobenzene-d5	7.41	82	1712445	91.19	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	569951	105.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2613680	79.58	ng	0.00
78) Terphenyl-d14	12.96	244	2519167	92.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	277234	44.53	ng	96
3) Pyridine	3.22	79	663256	36.72	ng	95
4) n-Nitrosodimethylamine	3.17	42	390505	43.59	ng	# 66
6) Aniline	6.51	93	550803	20.45	ng	# 66
8) 2-Chlorophenol	6.64	128	686129	42.90	ng	85
9) Benzaldehyde	6.38	77	88629	8.36	ng	97
10) Phenol	6.50	94	809679	37.20	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	744063	45.72	ng	88
12) 1,3-Dichlorobenzene	6.80	146	761268	42.20	ng	# 83
13) 1,4-Dichlorobenzene	6.86	146	724721	38.62	ng	98
14) 1,2-Dichlorobenzene	7.02	146	732128	42.90	ng	99
15) Benzyl Alcohol	6.99	79	715971	42.51	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1169607	48.99	ng	95
17) 2-Methylphenol	7.12	107	675549	49.87	ng	94
18) Hexachloroethane	7.37	117	284678	42.41	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	605090	42.92	ng	# 85
20) 3+4-Methylphenols	7.26	107	713894	40.53	ng	97
22) Acetophenone	7.26	105	1007431	43.03	ng	# 89
24) Nitrobenzene	7.44	77	913626	47.58	ng	95
25) Isophorone	7.68	82	1547885	44.55	ng	98
26) 2-Nitrophenol	7.76	139	396227	49.43	ng	# 58
27) 2,4-Dimethylphenol	7.79	122	690159	47.92	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	994569	50.75	ng	99
29) 2,4-Dichlorophenol	8.00	162	636477	48.90	ng	91
30) 1,2,4-Trichlorobenzene	8.08	180	659040	45.02	ng	98
31) Naphthalene	8.16	128	1848530	41.00	ng	100
32) Benzoic acid	7.90	122	231181	23.45	ng	90
33) 4-Chloroaniline	8.00	127	9409	0.48	ng	94
34) Hexachlorobutadiene	8.28	225	381359	41.63	ng	100
35) Caprolactam	8.58	113	152792	37.23	ng	# 82
36) 4-Chloro-3-methylphenol	8.69	107	807289	52.74	ng	91
37) 2-Methylnaphthalene	8.85	142	1475842	50.61	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	716175	46.30	ng	98
40) Hexachlorocyclopentadiene	9.01	237	730597	87.91	ng	99

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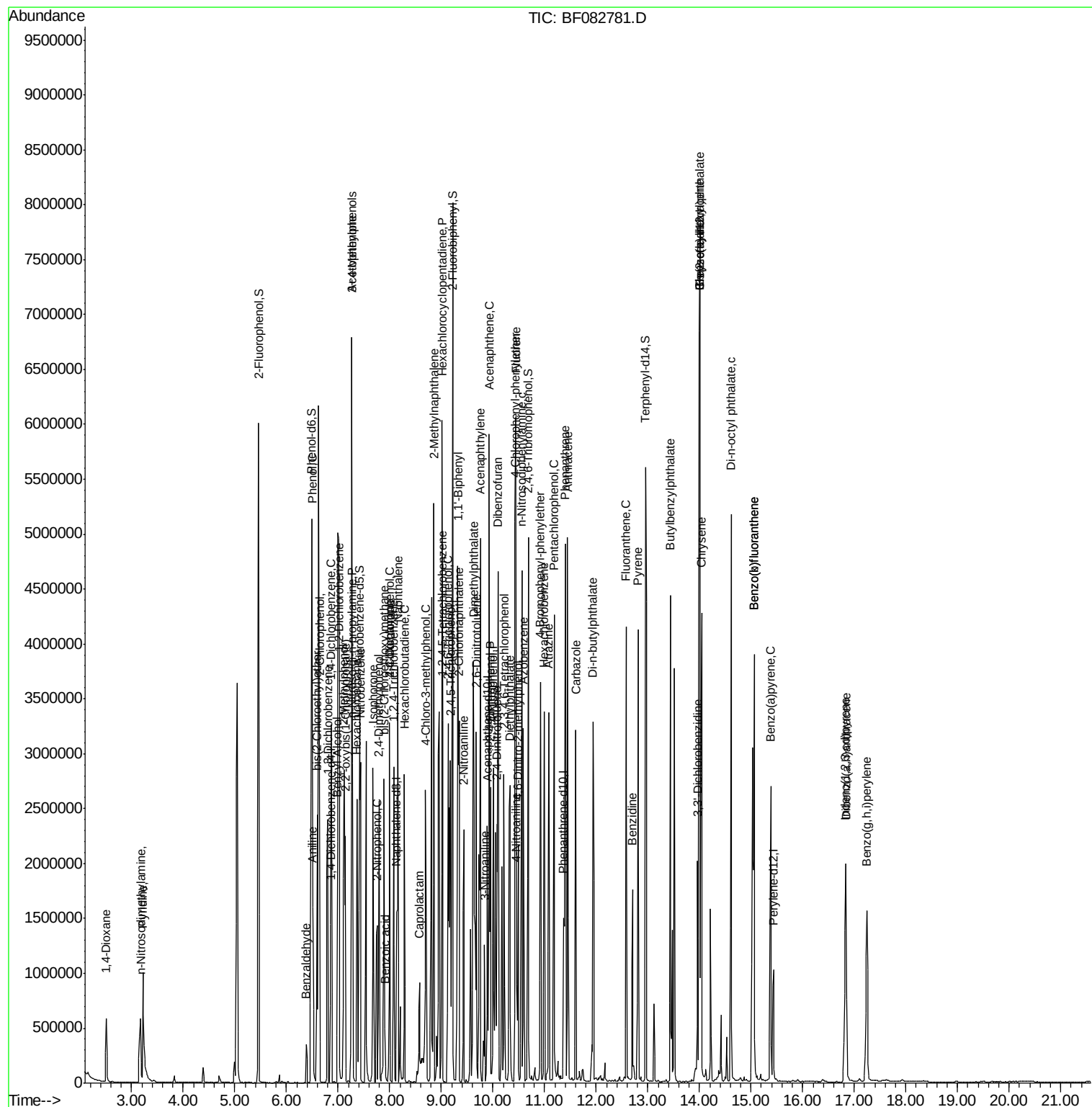
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	490305	42.46	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	500470	43.82	ng	93
45) 1,1'-Biphenyl	9.32	154	1819006	45.03	ng	99
46) 2-Chloronaphthalene	9.34	162	1460277	46.35	ng	96
47) 2-Nitroaniline	9.44	65	544291	46.57	ng	# 51
48) Acenaphthylene	9.76	152	2197739	44.51	ng	99
49) Dimethylphthalate	9.62	163	2175099	56.40	ng	99
50) 2,6-Dinitrotoluene	9.68	165	375396	45.62	ng	95
51) Acenaphthene	9.93	154	1511799	48.31	ng	99
52) 3-Nitroaniline	9.84	138	163901	18.11	ng	# 87
53) 2,4-Dinitrophenol	9.95	184	370041	81.90	ng	# 17
54) Dibenzofuran	10.10	168	1748747	41.45	ng	93
55) 4-Nitrophenol	10.01	139	599720	86.38	ng	82
56) 2,4-Dinitrotoluene	10.08	165	484554	43.40	ng	98
57) Fluorene	10.44	166	1381103	40.42	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	370558	39.76	ng	# 90
59) Diethylphthalate	10.33	149	1533181	40.71	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	589474	34.48	ng	# 84
61) 4-Nitroaniline	10.45	138	350077	38.46	ng	# 81
62) Azobenzene	10.59	77	1659789	41.03	ng	91
64) 4,6-Dinitro-2-methylphenol	10.49	198	261492	47.08	ng	76
65) n-Nitrosodiphenylamine	10.56	169	1308270	46.45	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	397418	42.33	ng	# 79
67) Hexachlorobenzene	10.99	284	439416	41.92	ng	# 78
68) Atrazine	11.08	200	368734	42.33	ng	96
69) Pentachlorophenol	11.18	266	541207	85.02	ng	99
70) Phenanthrene	11.40	178	2059376	45.48	ng	100
71) Anthracene	11.45	178	2056201	43.11	ng	100
72) Carbazole	11.61	167	2027870	48.57	ng	97
73) Di-n-butylphthalate	11.94	149	2013425	38.71	ng	99
74) Fluoranthene	12.58	202	2226583	45.83	ng	95
76) Benzidine	12.70	184	732340	33.92	ng	99
77) Pyrene	12.81	202	2067923	46.74	ng	99
79) Butylbenzylphthalate	13.44	149	915083	46.82	ng	100
80) Benzo(a)anthracene	14.00	228	1995453	49.53	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	391790	27.35	ng	# 98
82) Chrysene	14.04	228	2030544	55.03	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1421260	53.13	ng	# 97
84) Di-n-octyl phthalate	14.61	149	2306548	51.69	ng	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	1325713	41.72	ng	98
87) Benzo(b)fluoranthene	15.06	252	3434001	96.80	ng	# 98
88) Benzo(k)fluoranthene	15.06	252	3434001	109.12	ng	# 97
89) Benzo(a)pyrene	15.38	252	1402651	45.64	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	1096454	42.13	ng	99
91) Benzo(g,h,i)perylene	17.24	276	1358288	54.49	ng	# 94

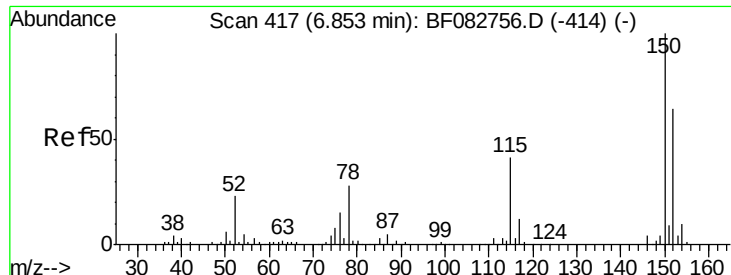
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

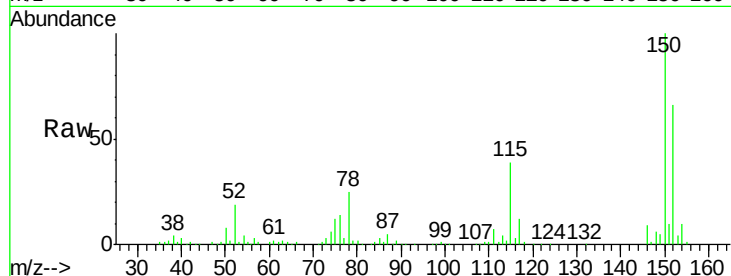
Tgt Ion:152 Resp: 224484

Ion Ratio Lower Upper

152 100

150 151.4 127.0 190.4

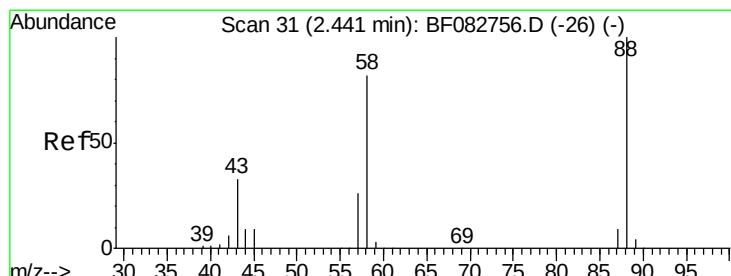
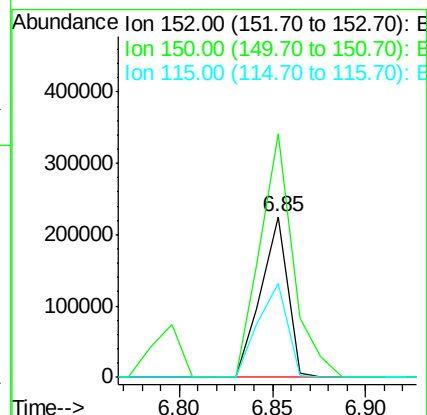
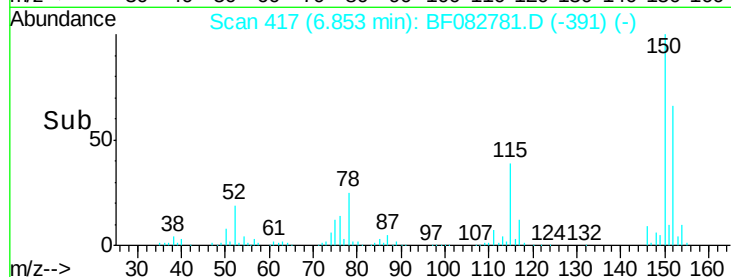
115 58.4 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.53 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.07 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

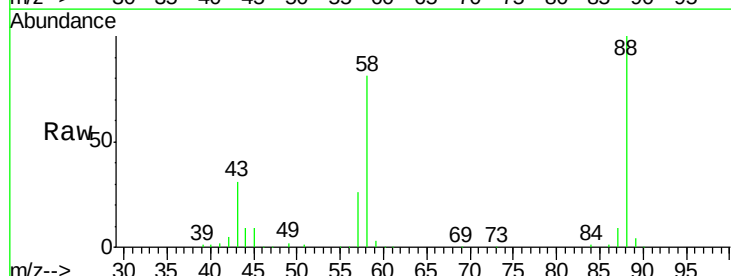
Tgt Ion: 88 Resp: 277234

Ion Ratio Lower Upper

88 100

58 81.1 62.0 93.0

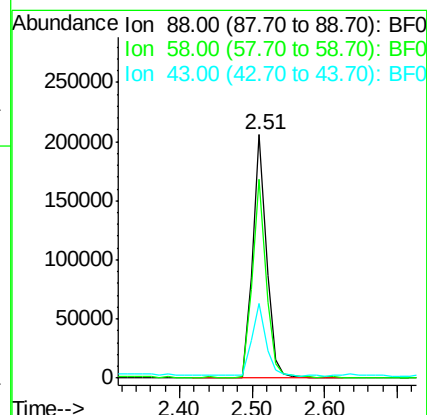
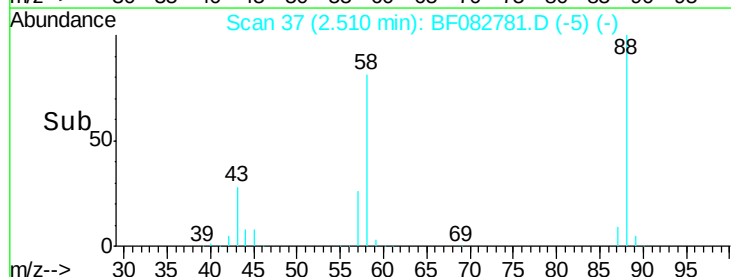
43 30.5 26.6 40.0

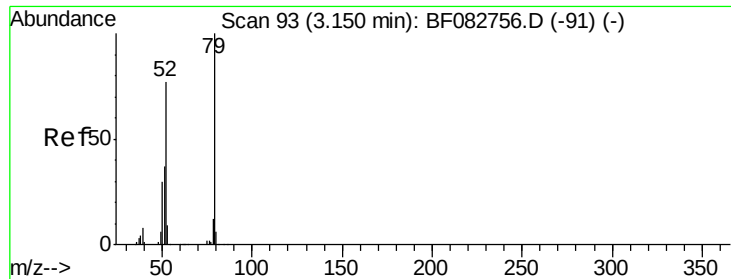


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.72 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

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BNA_F

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COFF-WP11-1(0-2)MSD

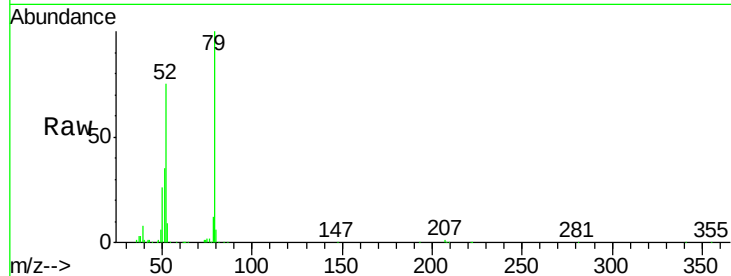
Tgt Ion: 79 Resp: 663256

Ion Ratio Lower Upper

79 100

52 74.9 62.8 94.2

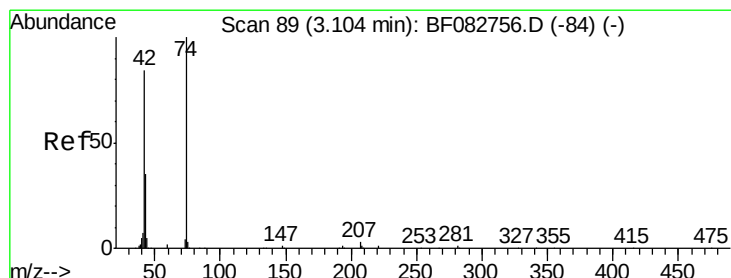
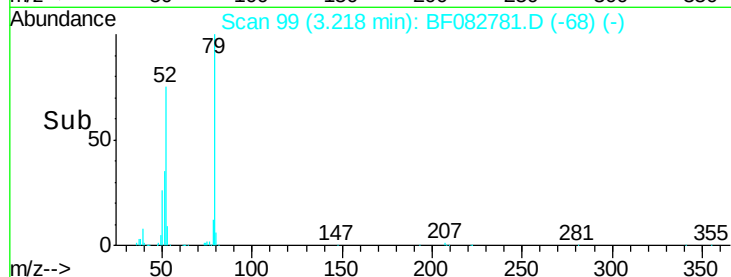
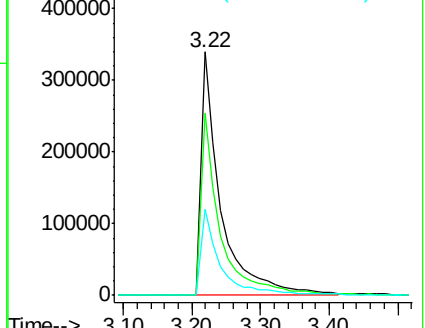
51 35.1 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.59 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.08 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

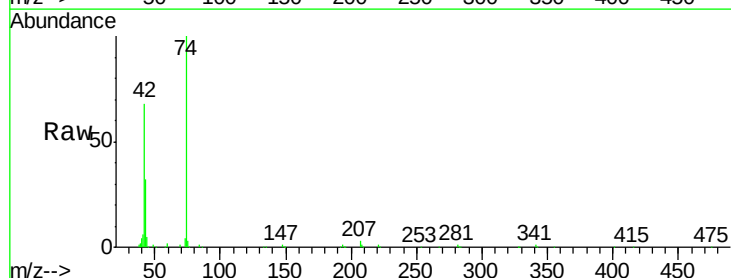
Tgt Ion: 42 Resp: 390505

Ion Ratio Lower Upper

42 100

74 146.8 87.0 130.4#

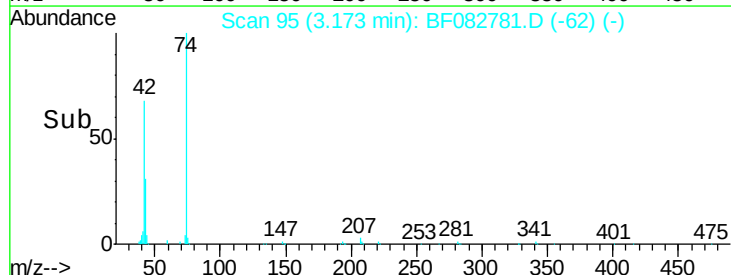
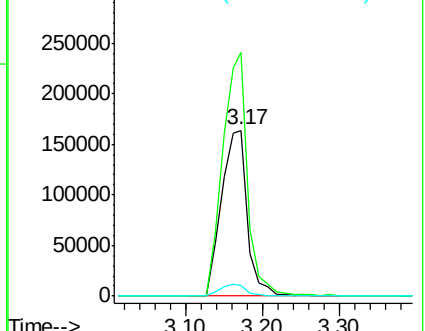
44 6.8 5.8 8.8

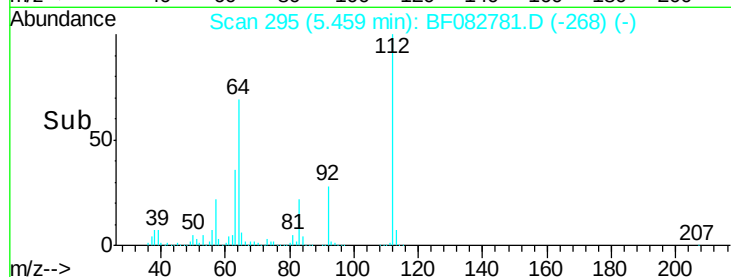
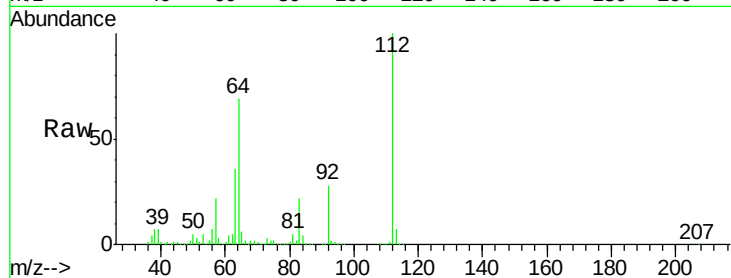
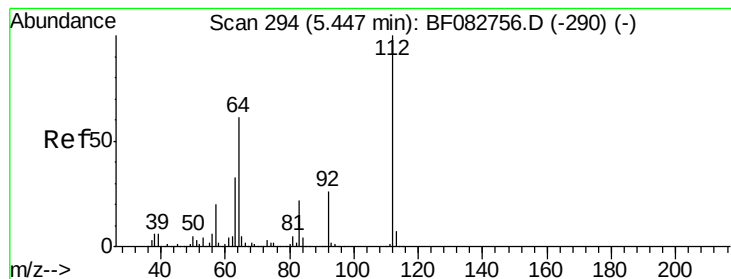


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.97 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082781.D

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ClientSampleId :

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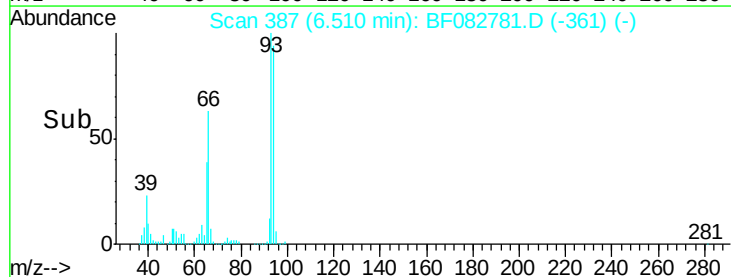
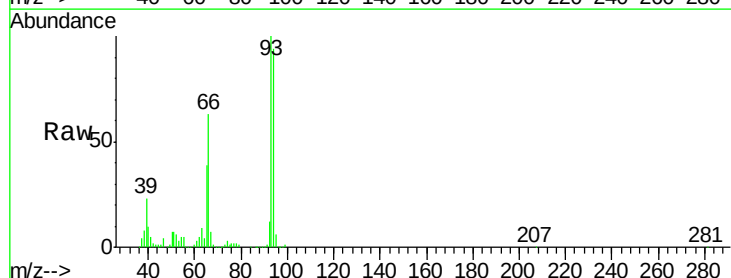
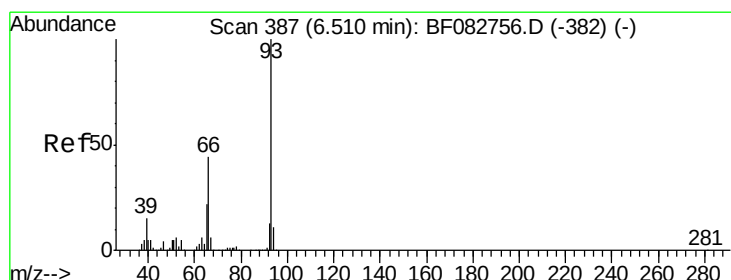
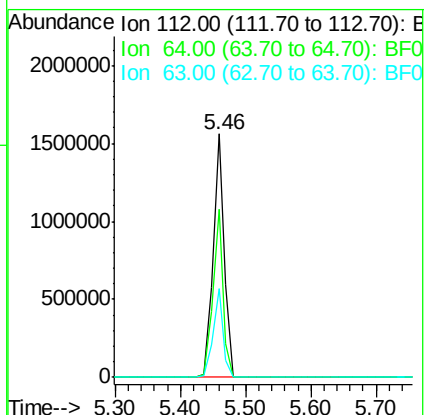
Tgt Ion:112 Resp: 1904070

Ion Ratio Lower Upper

112 100

64 69.0 48.9 73.3

63 36.2 28.1 42.1



#6

Aniline

Concen: 20.45 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

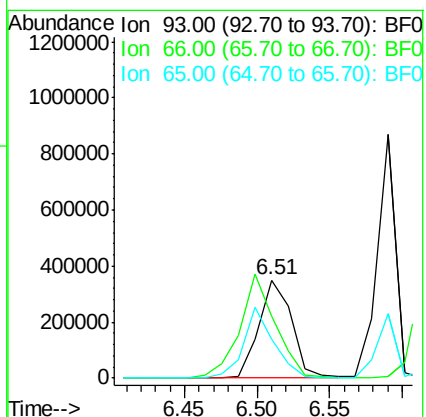
Tgt Ion: 93 Resp: 550803

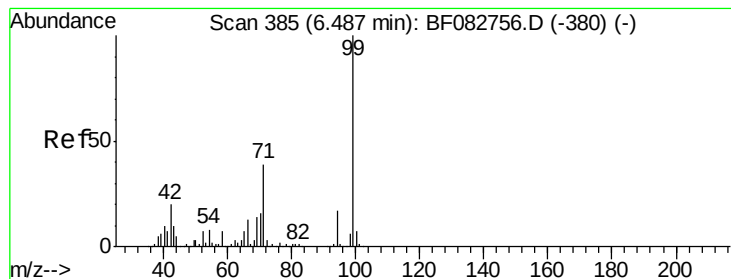
Ion Ratio Lower Upper

93 100

66 63.1 33.6 50.4#

65 39.3 18.1 27.1#





#7

Phenol-d6

Concen: 135.67 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082781.D

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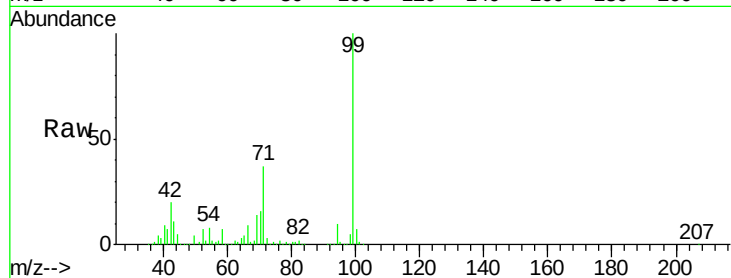
Tgt Ion: 99 Resp: 2602283

Ion Ratio Lower Upper

99 100

42 20.4 19.2 28.8

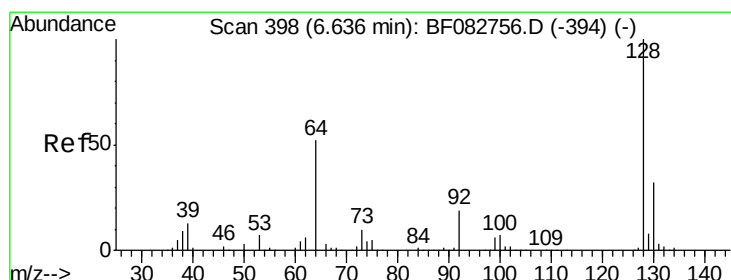
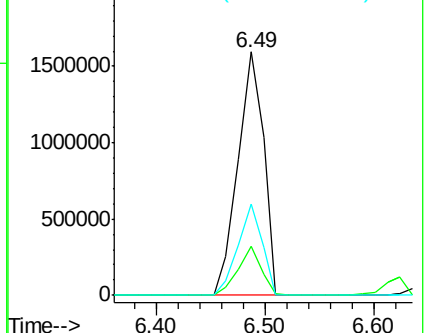
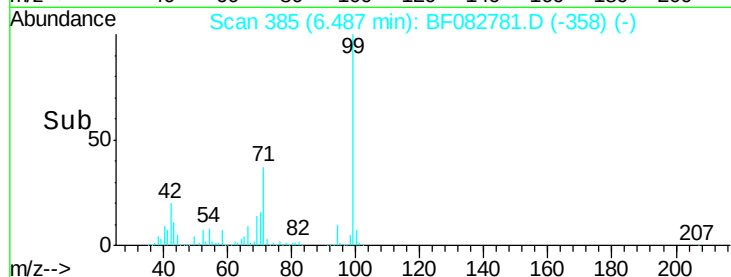
71 37.4 35.0 52.4



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: 42.90 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

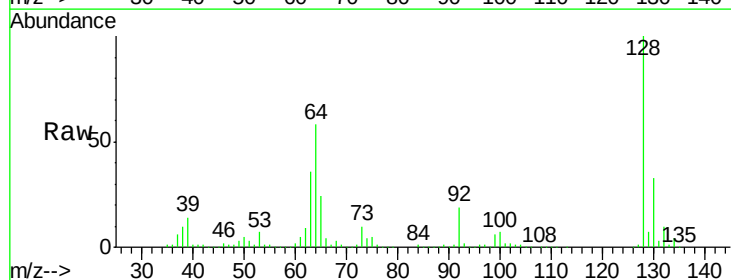
Tgt Ion: 128 Resp: 686129

Ion Ratio Lower Upper

128 100

130 33.0 13.5 53.5

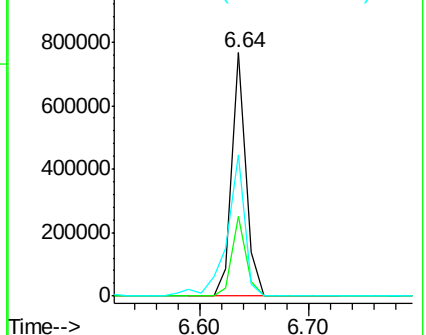
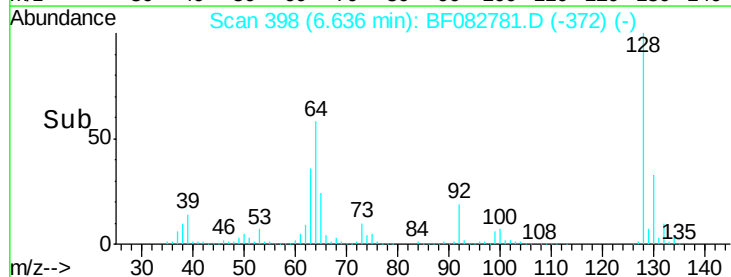
64 58.0 21.1 61.1

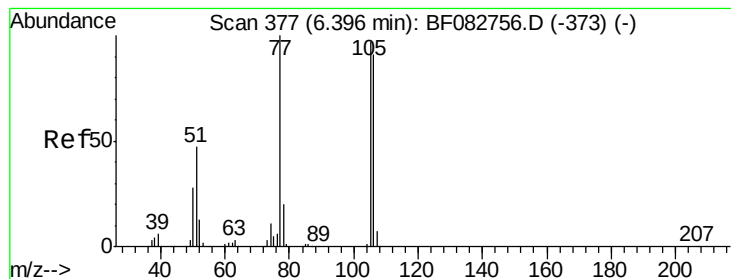


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.36 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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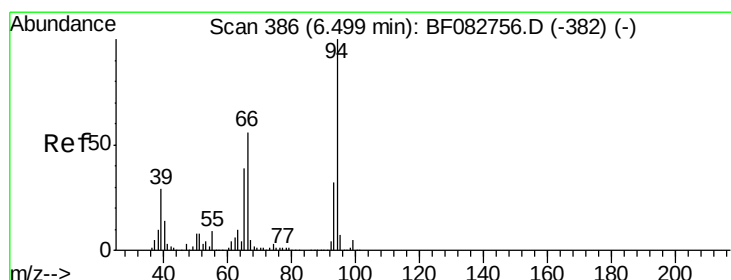
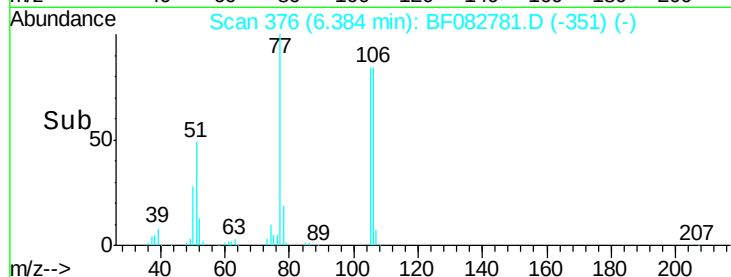
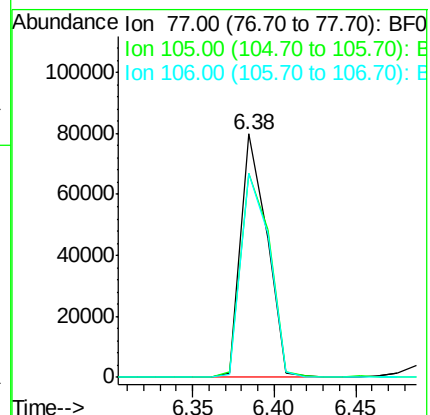
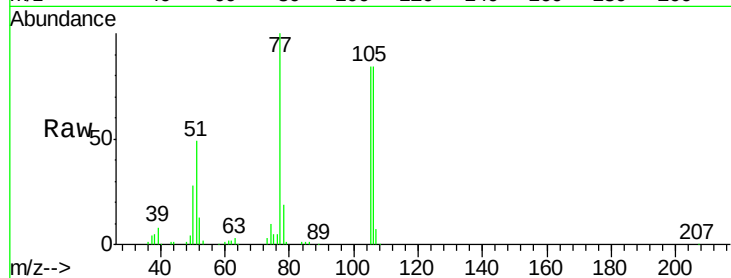
Tgt Ion: 77 Resp: 88629

Ion Ratio Lower Upper

77 100

105 83.8 63.5 103.5

106 83.9 59.3 99.3



#10

Phenol

Concen: 37.20 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

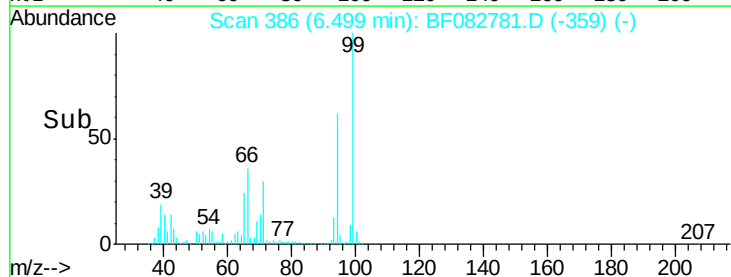
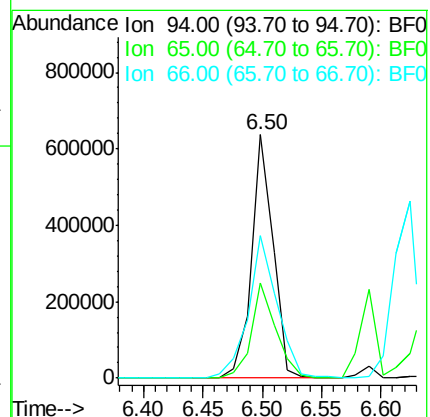
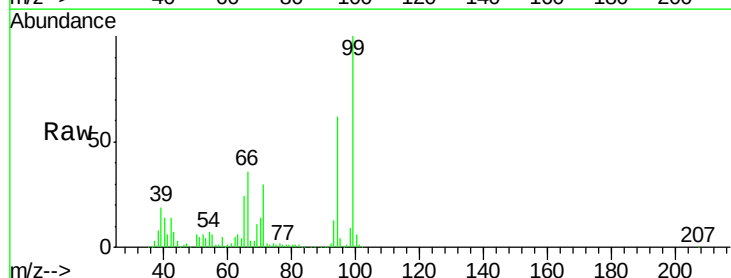
Tgt Ion: 94 Resp: 809679

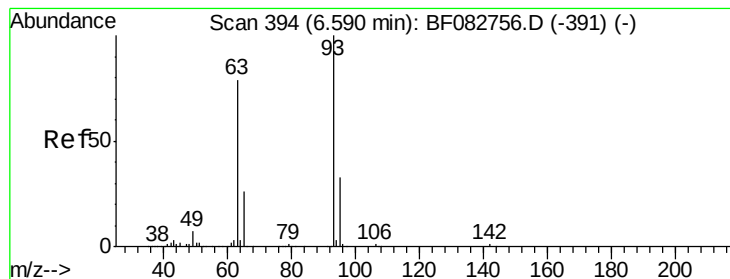
Ion Ratio Lower Upper

94 100

65 39.3 18.9 58.9

66 58.3 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 45.72 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

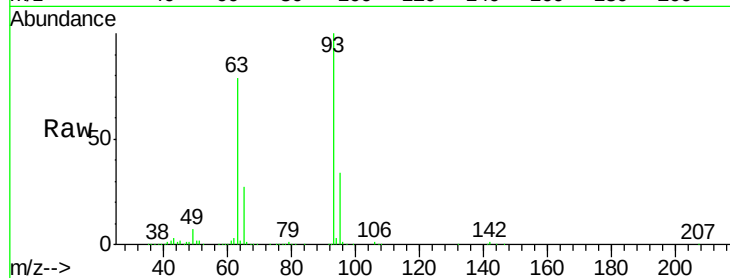
Tgt Ion: 93 Resp: 744063

Ion Ratio Lower Upper

93 100

63 78.8 72.7 112.7

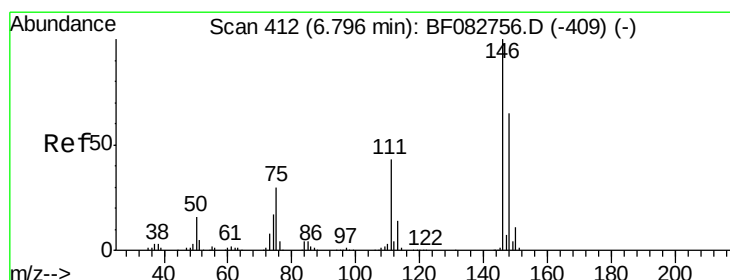
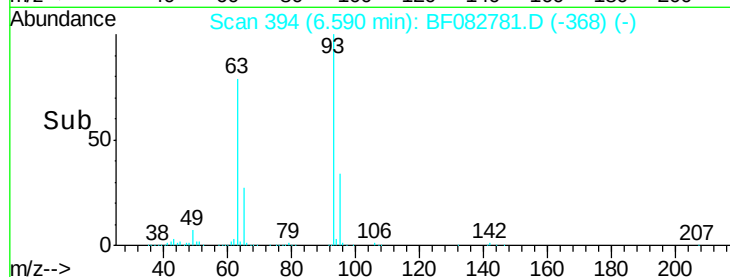
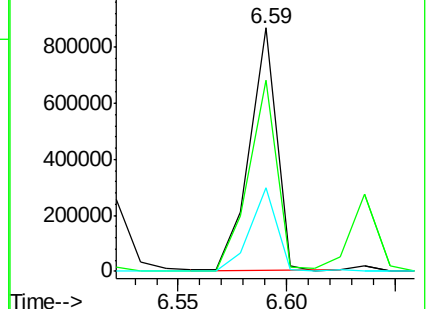
95 34.4 12.0 52.0



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: 42.20 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

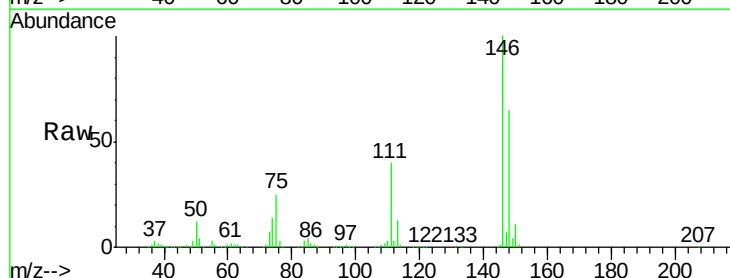
Tgt Ion: 146 Resp: 761268

Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

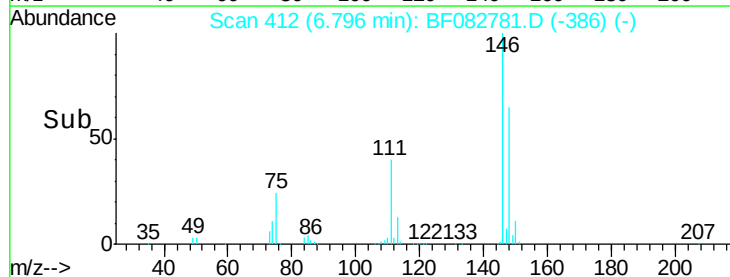
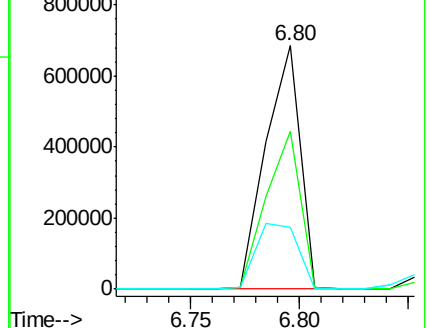
75 25.4 39.5 59.3#

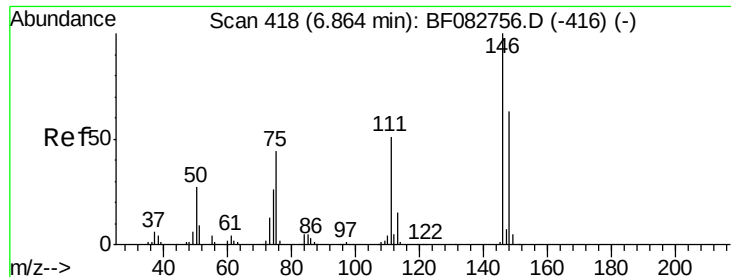


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

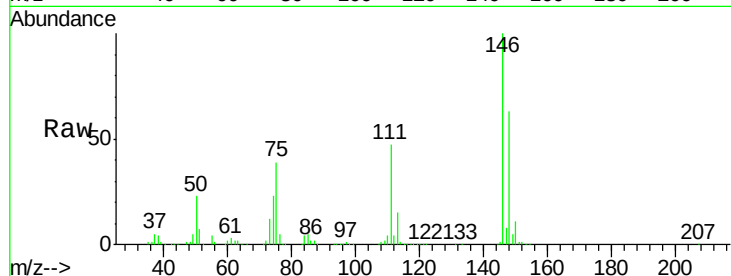




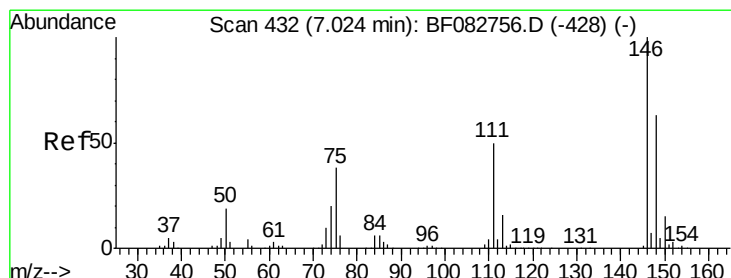
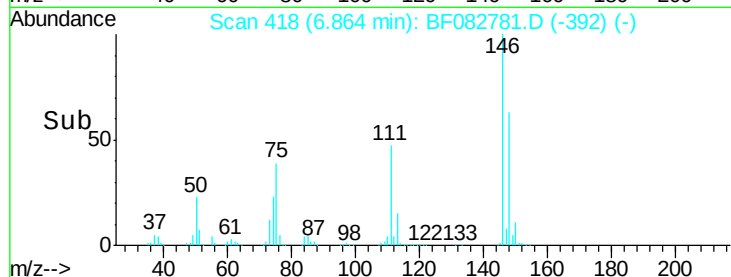
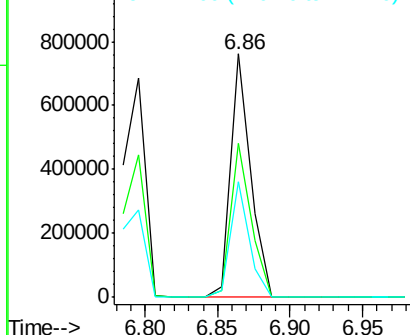
#13
 1,4-Dichlorobenzene
 Concen: 38.62 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion:146 Resp: 724721
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 47.4 40.6 60.8

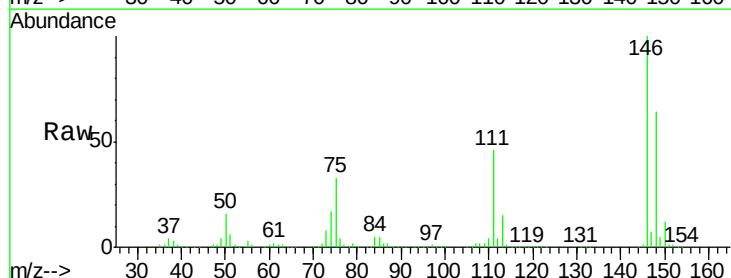


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

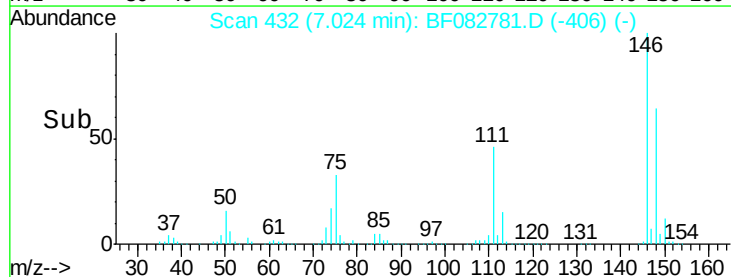
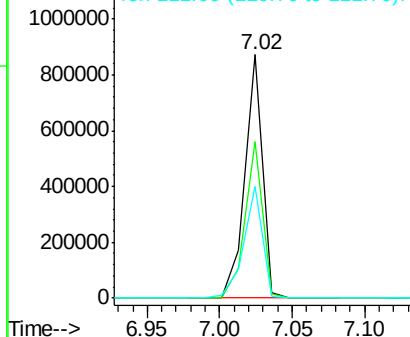


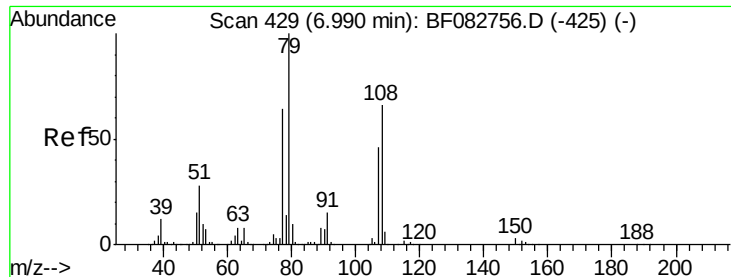
#14
 1,2-Dichlorobenzene
 Concen: 42.90 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:146 Resp: 732128
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 45.9 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.51 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

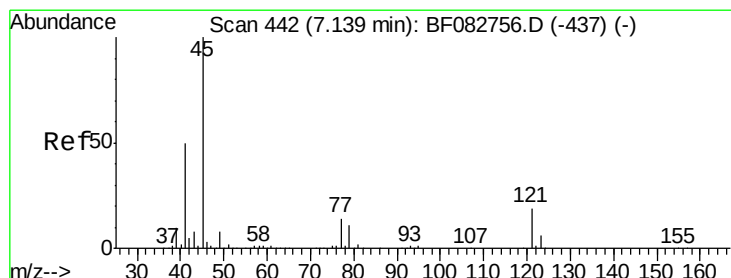
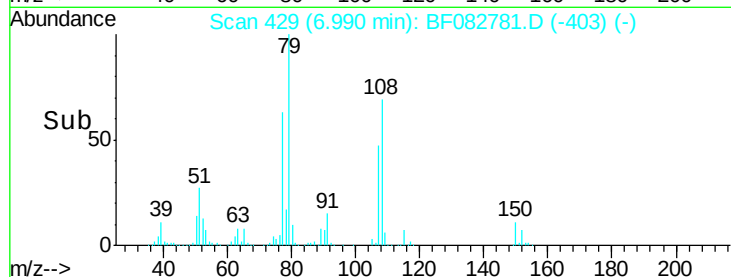
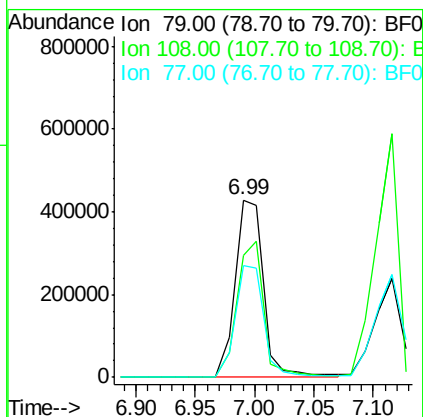
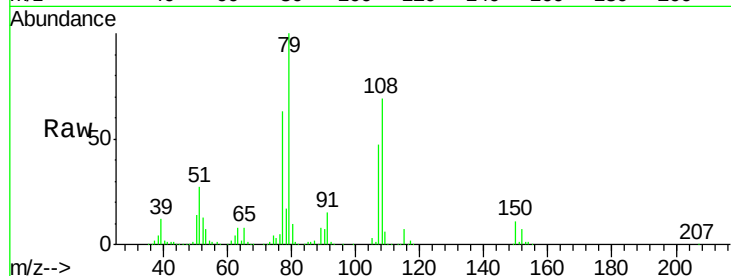
Tgt Ion: 79 Resp: 715971

Ion Ratio Lower Upper

79 100

108 68.6 52.2 78.4

77 63.2 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.99 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

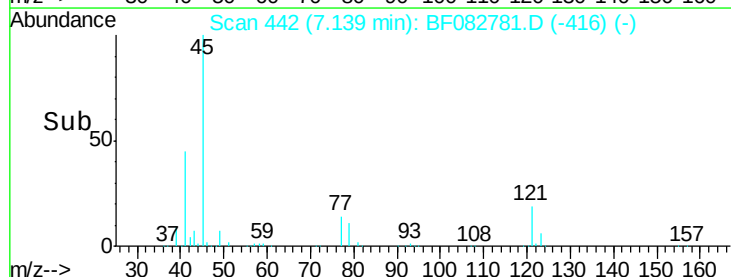
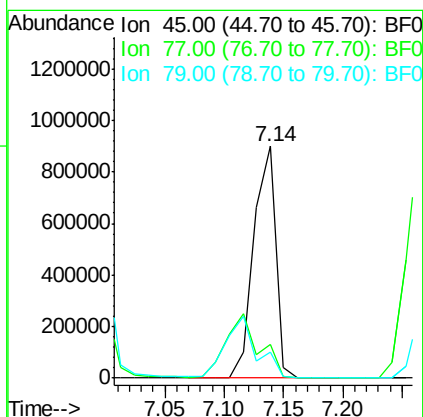
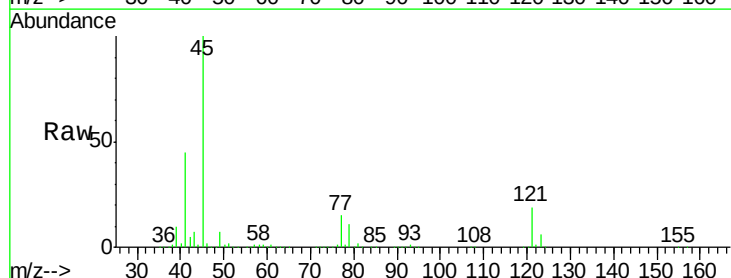
Tgt Ion: 45 Resp: 1169607

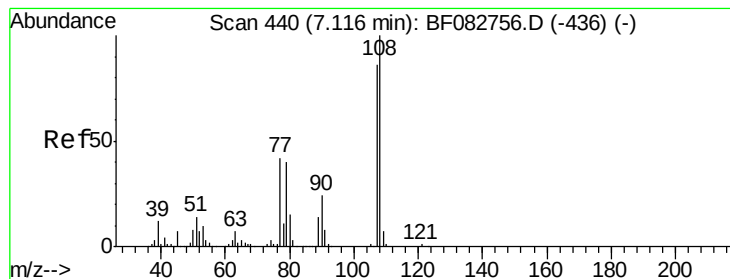
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.6

79 11.3 0.0 29.2





#17

2-Methylphenol

Concen: 49.87 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

Tgt Ion:107 Resp: 675549

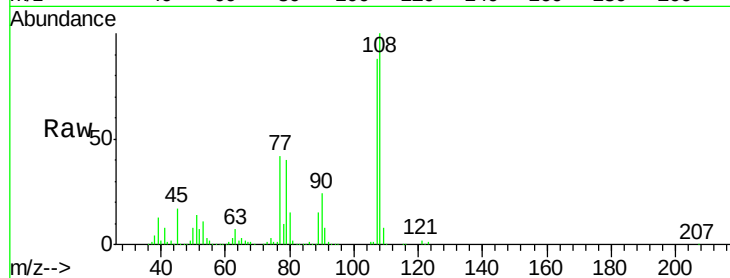
Ion Ratio Lower Upper

107 100

108 114.2 93.0 139.4

77 48.2 44.1 66.1

79 46.2 43.6 65.4



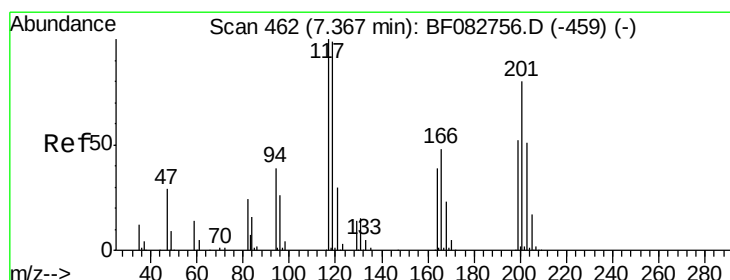
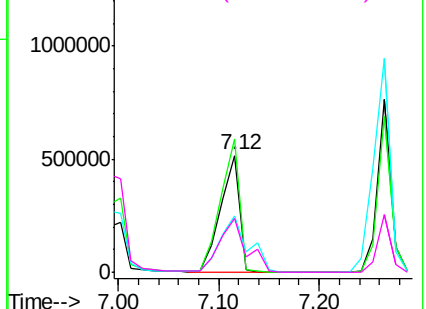
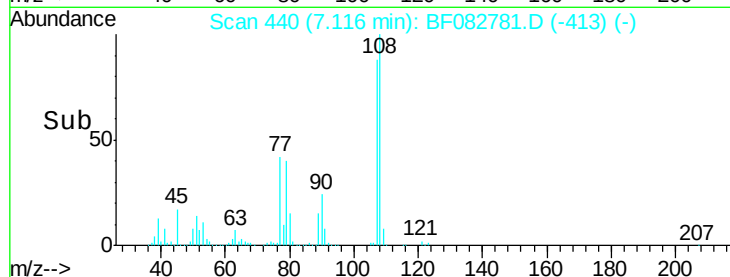
Abundance

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: 42.41 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

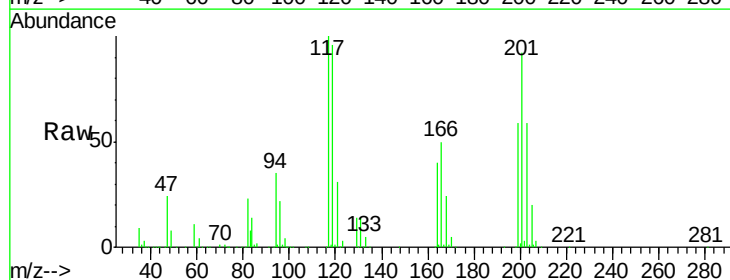
Tgt Ion:117 Resp: 284678

Ion Ratio Lower Upper

117 100

119 95.6 77.7 116.5

201 92.4 66.7 100.1

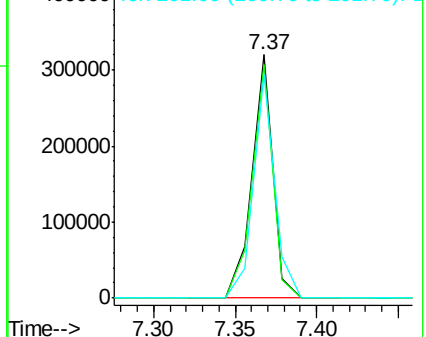
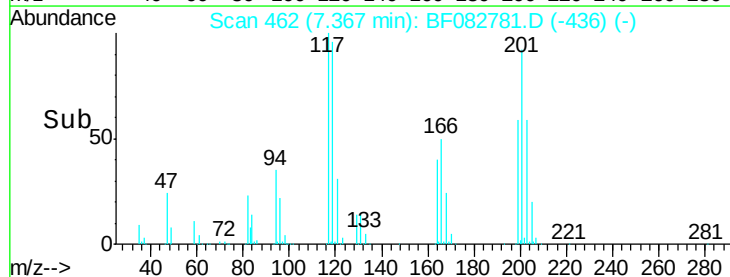


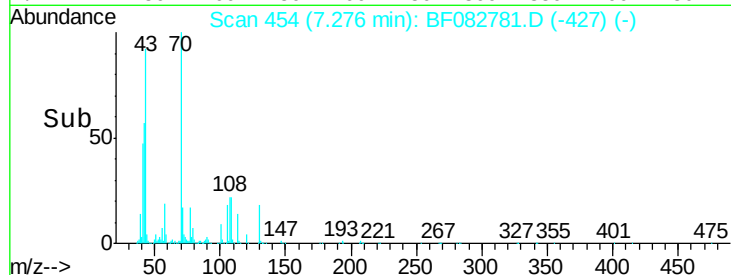
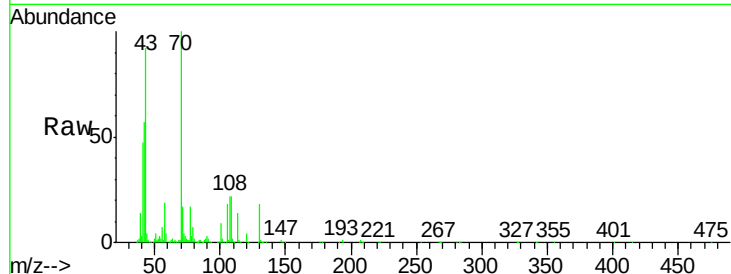
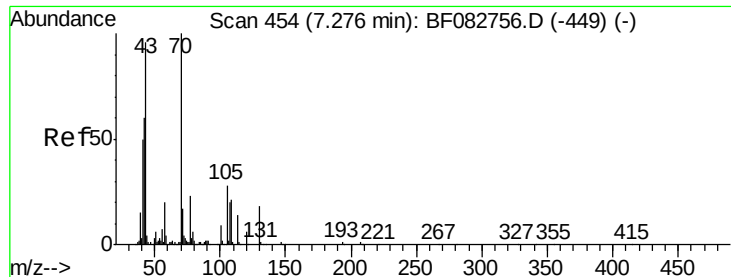
Abundance

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

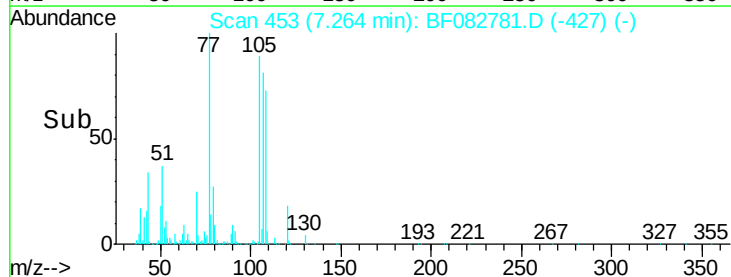
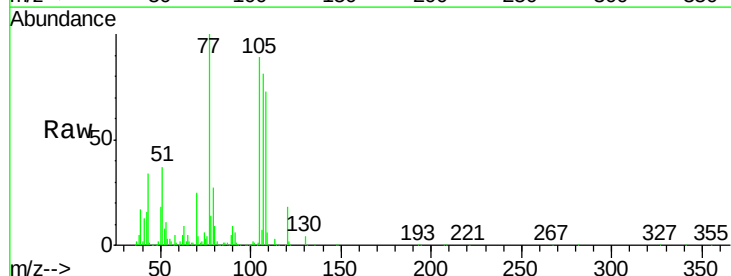
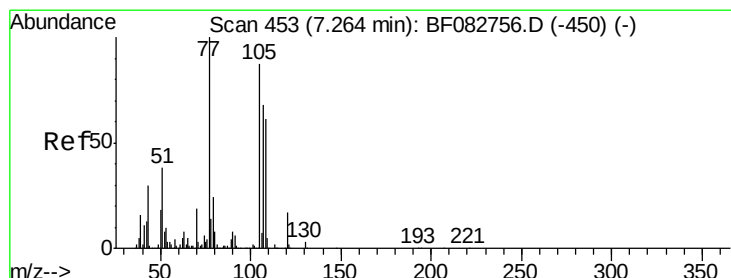
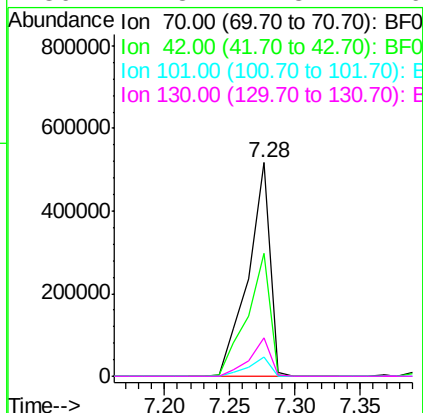




#19
n-Nitroso-di-n-propylamine
Concen: 42.92 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

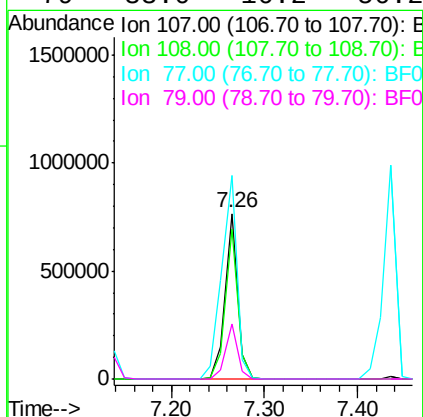
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

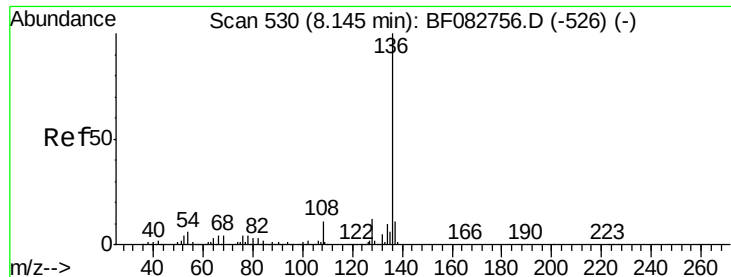
Tgt Ion:	70	Resp:	605090
Ion	Ratio	Lower	Upper
70	100		
42	57.4	57.7	86.5#
101	9.2	7.0	10.6
130	17.8	11.8	17.6#



#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:	107	Resp:	713894
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.3	107.3
77	123.2	100.3	140.3
79	33.0	16.2	56.2

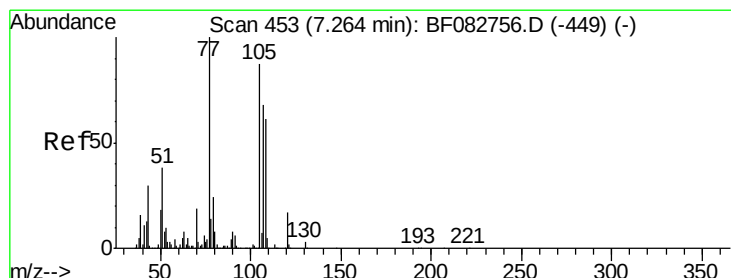
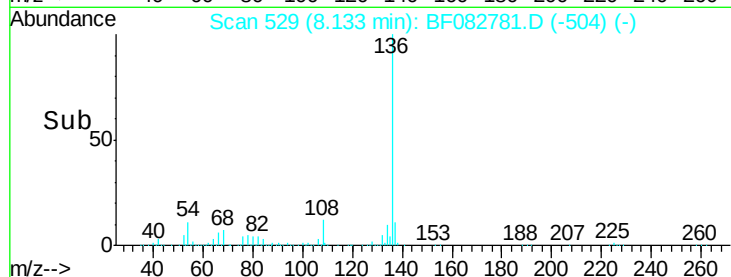
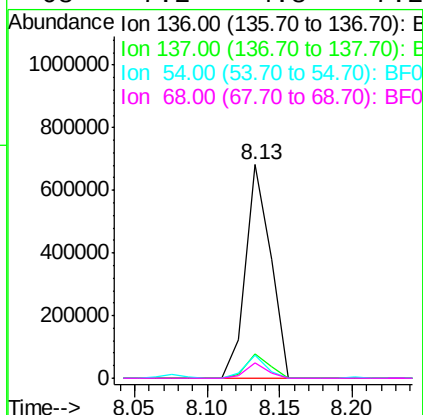
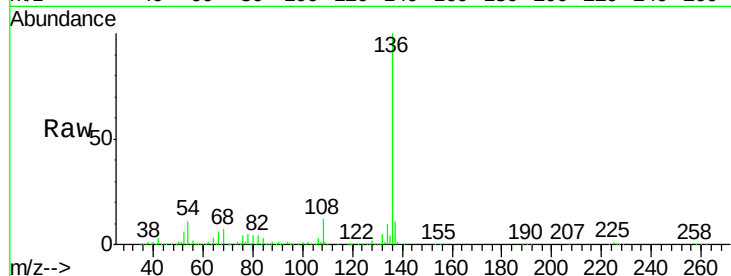




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

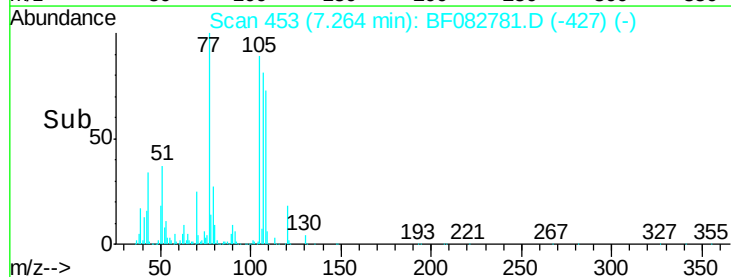
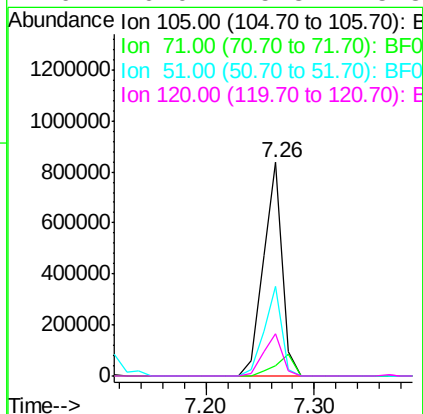
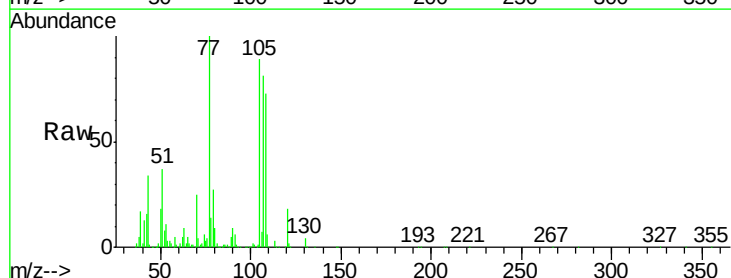
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

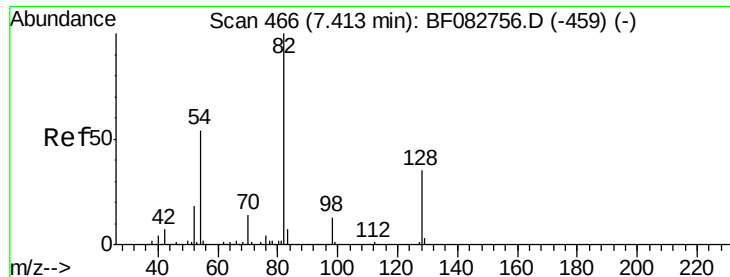
Tgt Ion:	136	Resp:	817077
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	9.1	13.7
68	7.2	4.8	7.2#



#22
Acetophenone
Concen: 43.03 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:	105	Resp:	1007431
Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.6	8.4#
51	41.7	24.9	37.3#
120	20.0	15.8	23.8

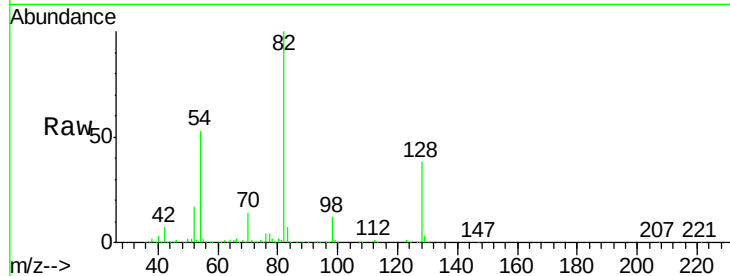




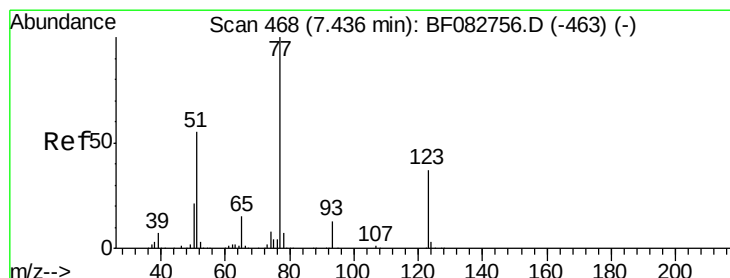
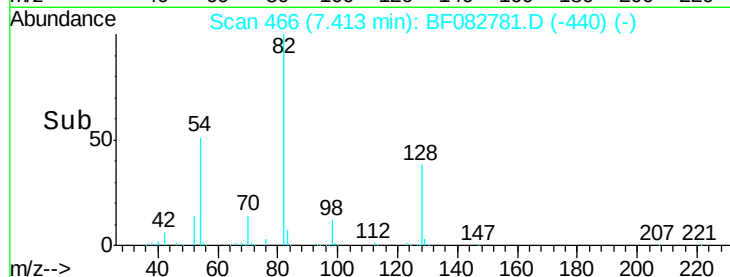
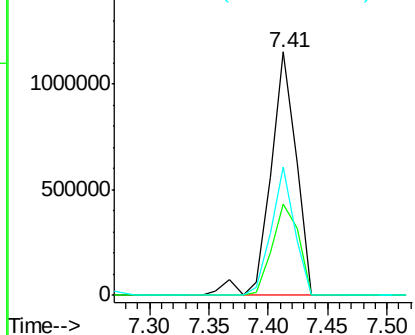
#23
 Nitrobenzene-d5
 Concen: 91.19 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion: 82 Resp: 1712445
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.8 40.2
 54 53.0 45.7 68.5

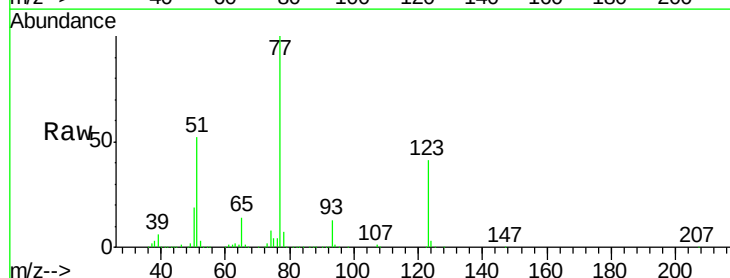


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

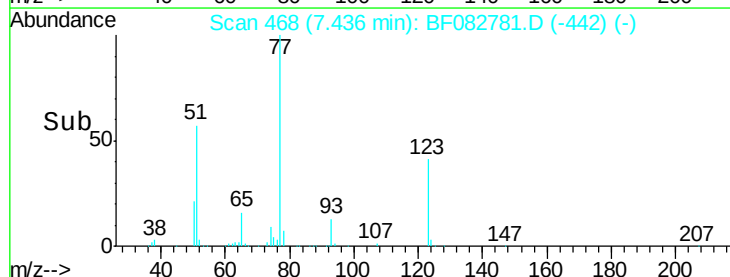
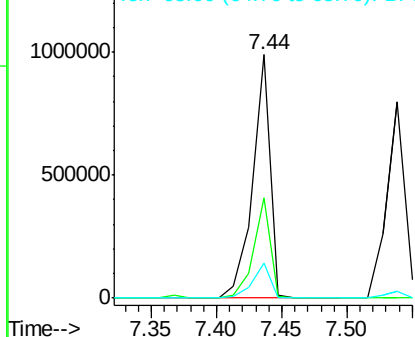


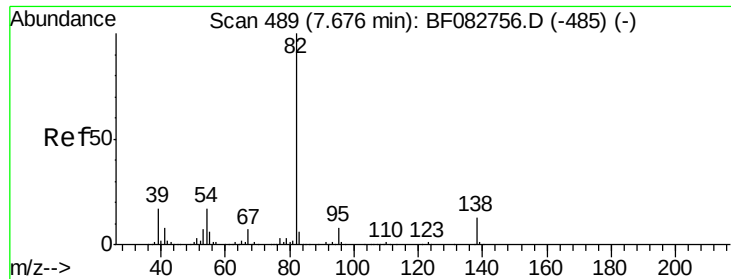
#24
 Nitrobenzene
 Concen: 47.58 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion: 77 Resp: 913626
 Ion Ratio Lower Upper
 77 100
 123 41.3 36.4 54.6
 65 14.3 11.5 17.3



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: 44.55 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

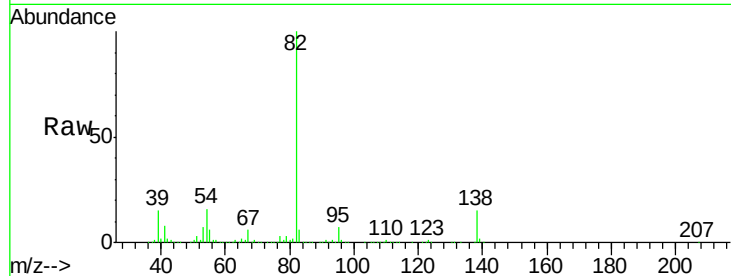
Tgt Ion: 82 Resp: 1547885

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

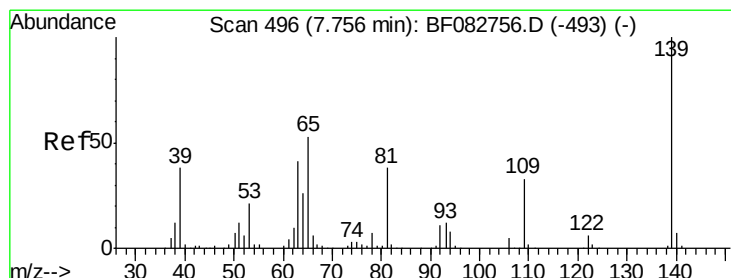
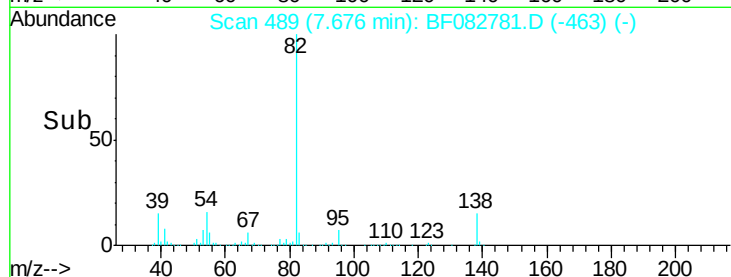
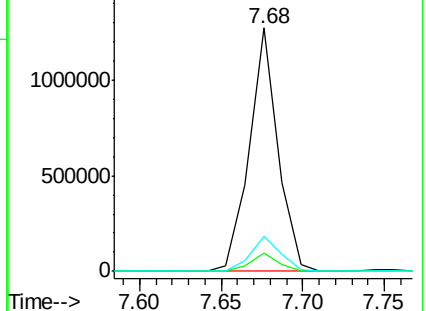
138 14.6 11.4 17.0



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: 49.43 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

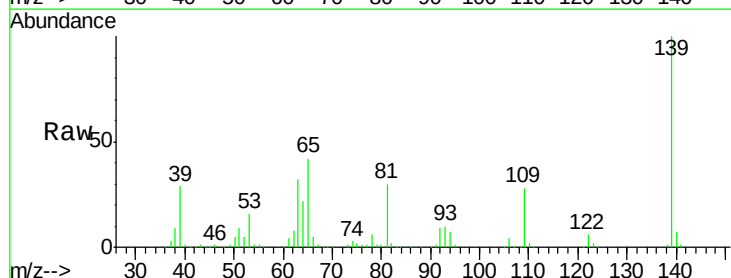
Tgt Ion: 139 Resp: 396227

Ion Ratio Lower Upper

139 100

109 28.4 37.6 56.4#

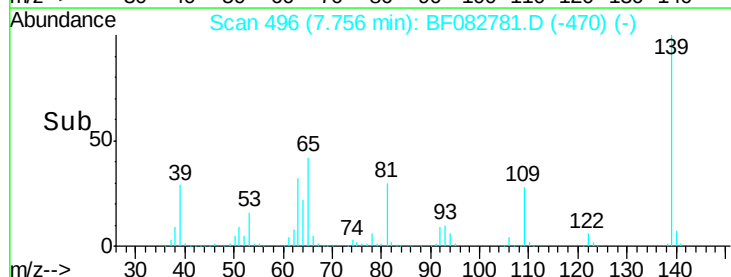
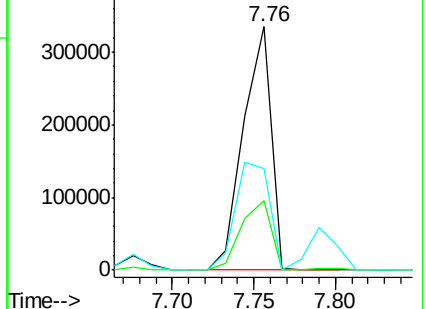
65 41.9 70.6 105.8#

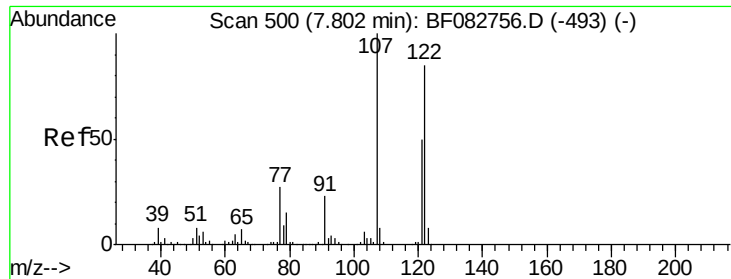


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.92 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

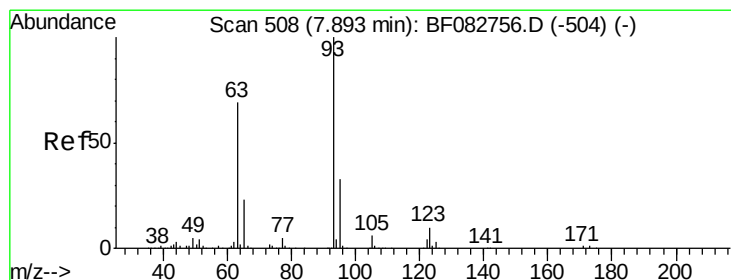
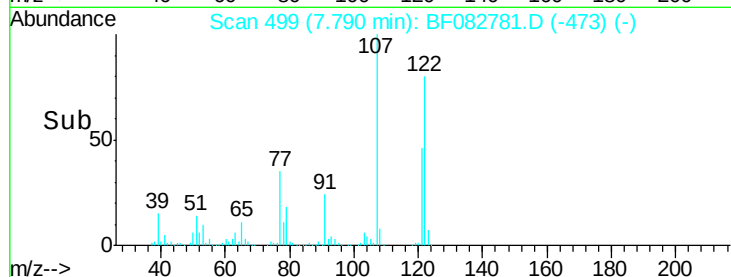
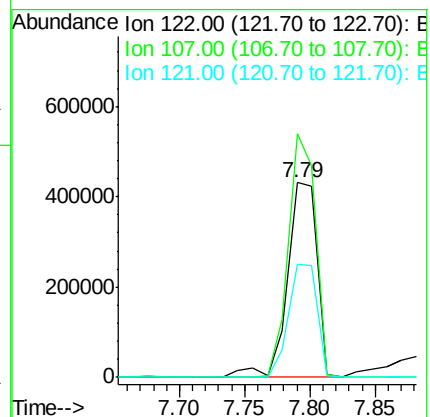
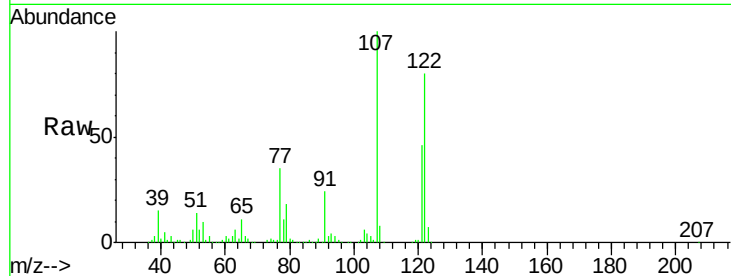
Tgt Ion:122 Resp: 690159

Ion Ratio Lower Upper

122 100

107 125.2 106.0 159.0

121 57.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.75 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

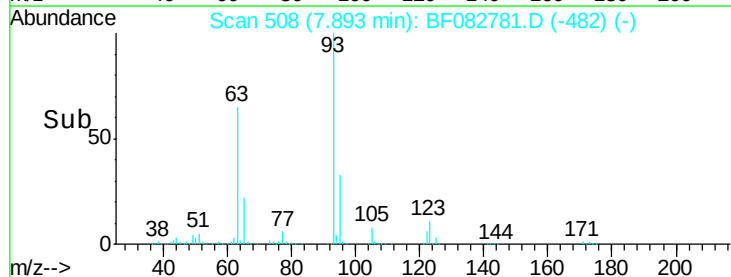
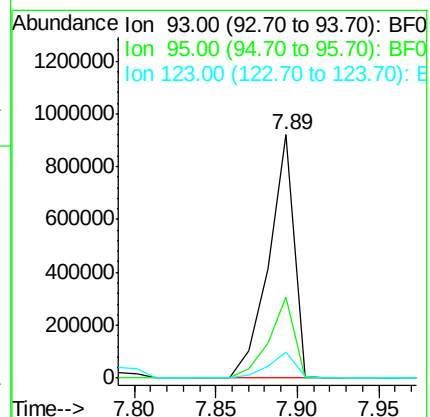
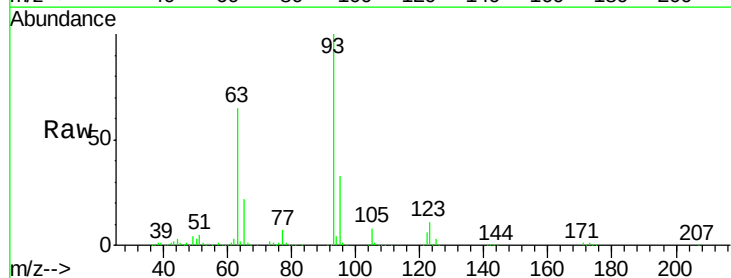
Tgt Ion: 93 Resp: 994569

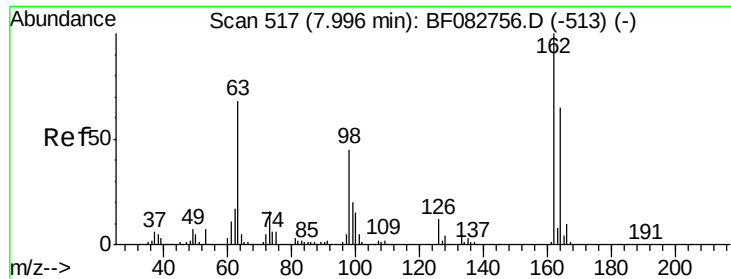
Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 10.8 9.7 14.5

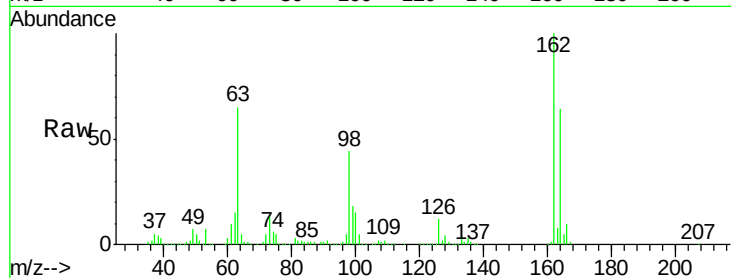




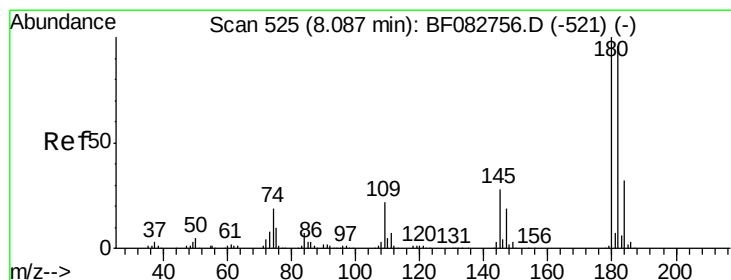
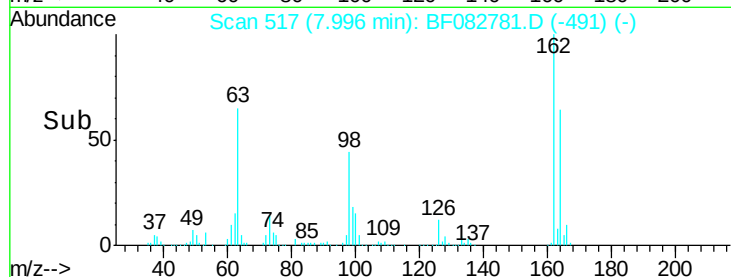
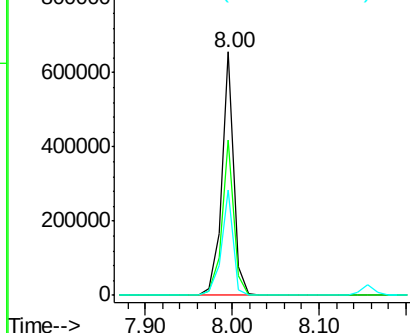
#29
2,4-Dichlorophenol
Concen: 48.90 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.8	86.8
98	43.5	12.5	52.5

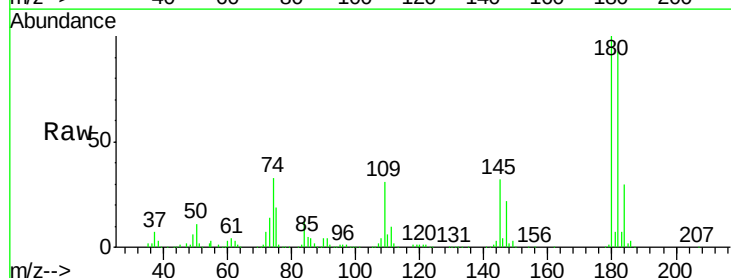


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

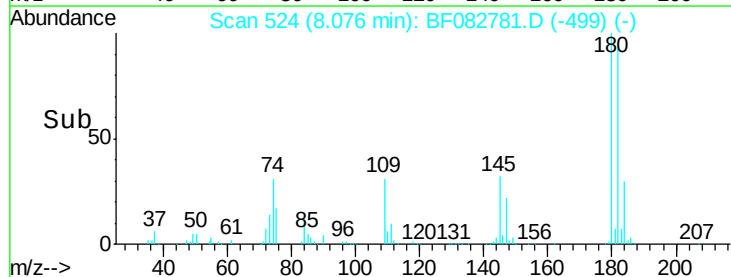
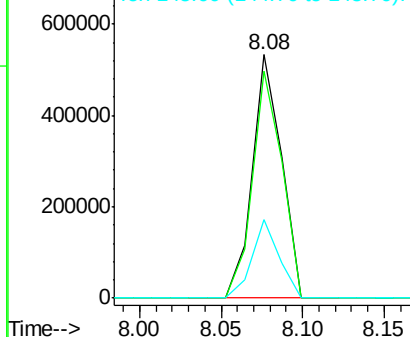


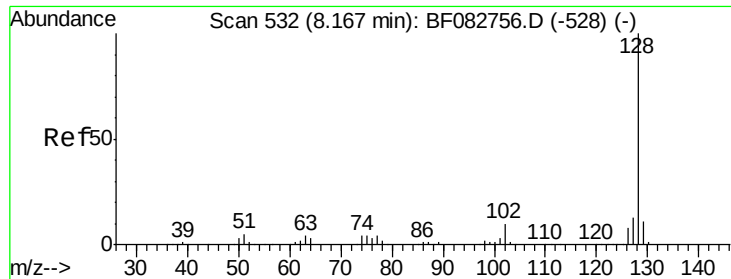
#30
1,2,4-Trichlorobenzene
Concen: 45.02 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.9	112.3
145	32.0	27.8	41.8



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

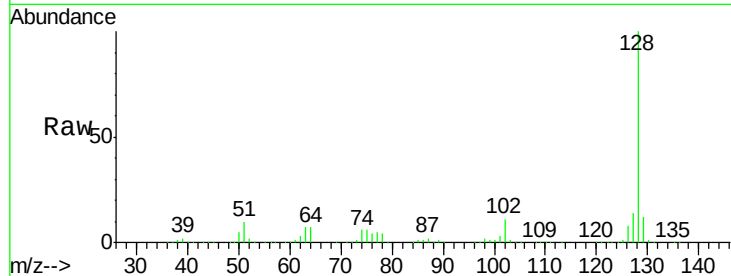




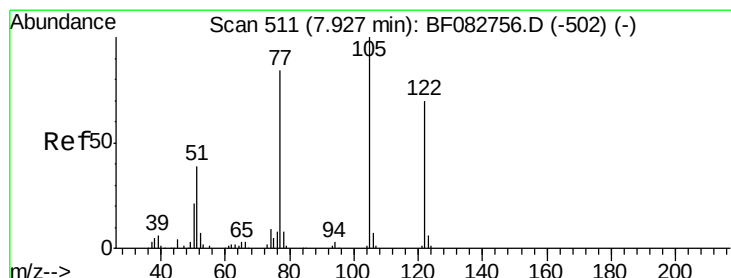
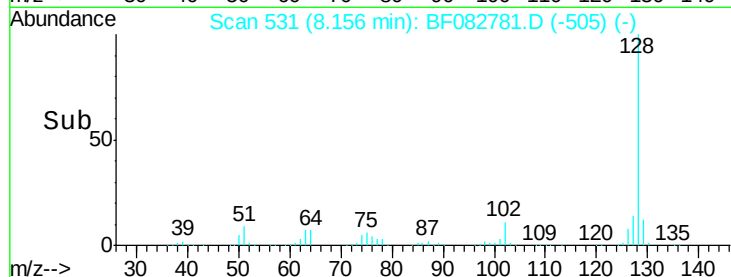
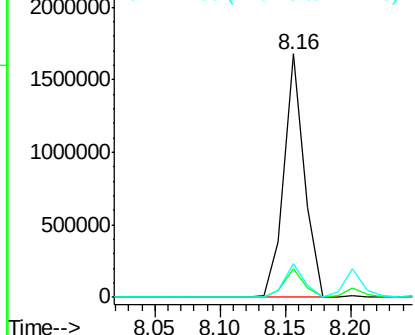
#31
Naphthalene
Concen: 41.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:128 Resp: 1848530
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.1 11.4 17.0

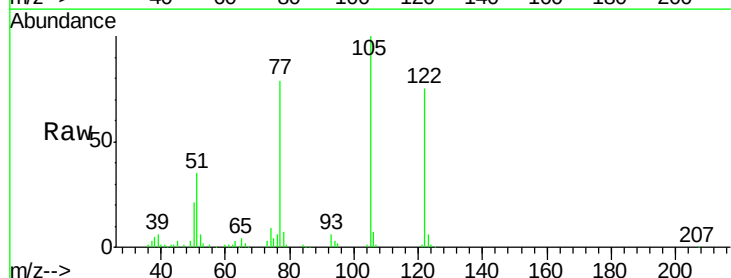


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

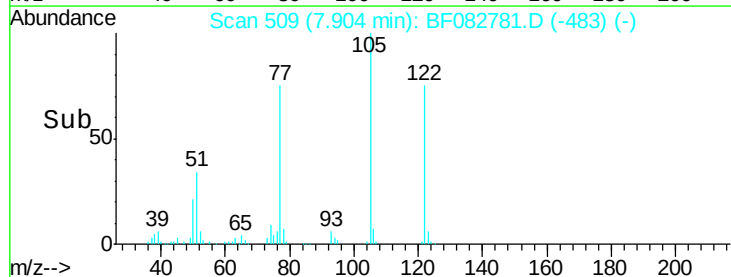
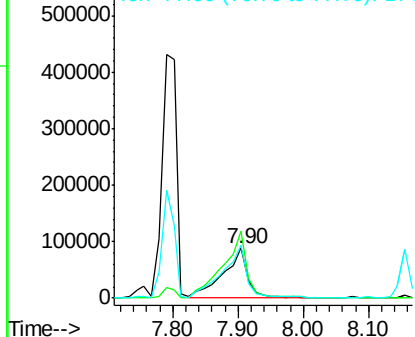


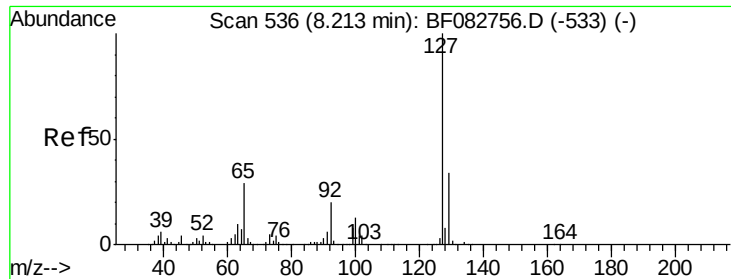
#32
Benzoic acid
Concen: 23.45 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:122 Resp: 231181
Ion Ratio Lower Upper
122 100
105 134.1 122.6 162.6
77 105.3 100.9 140.9



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

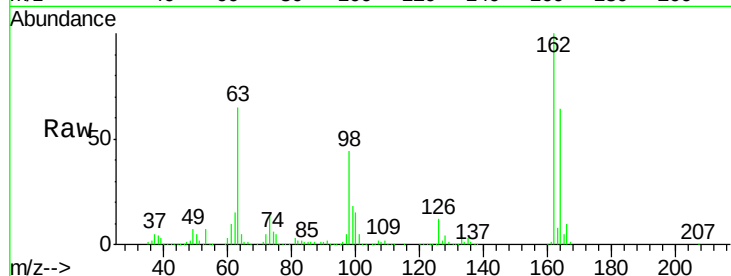




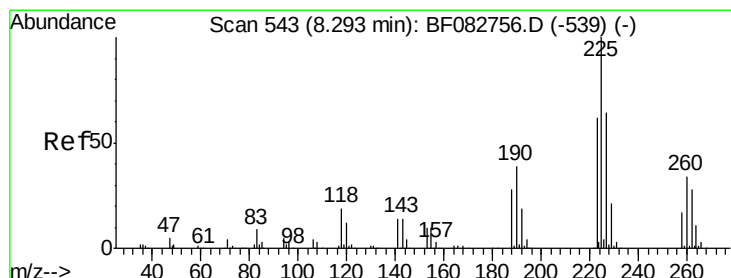
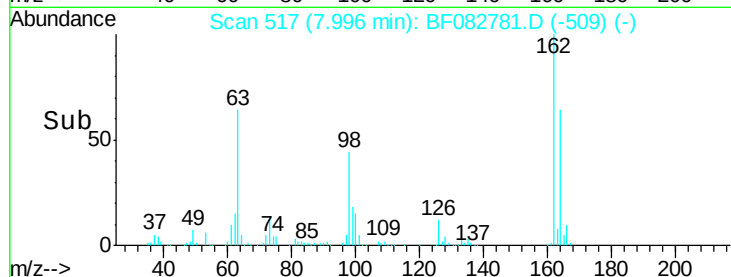
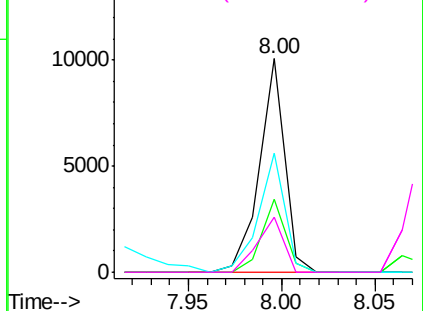
#33
4-Chloroaniline
Concen: 0.48 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.21 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:	127	Resp:	9409
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.3	39.5
65	55.8	37.8	56.8
92	25.5	20.6	31.0

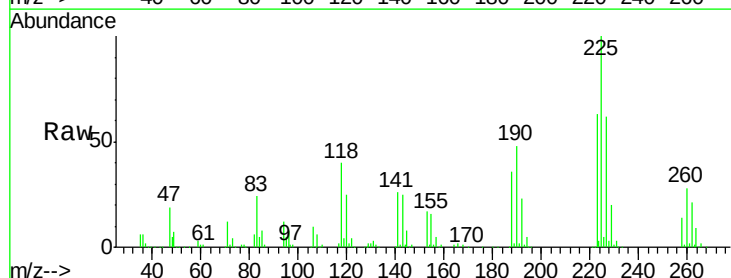


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

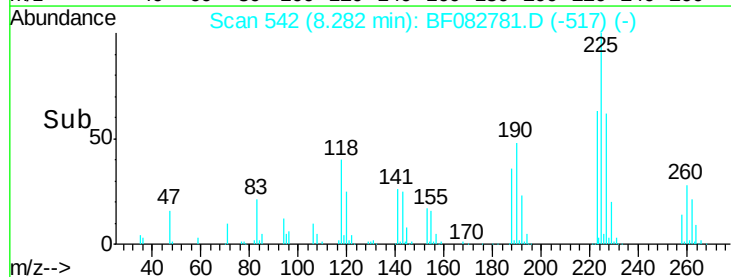
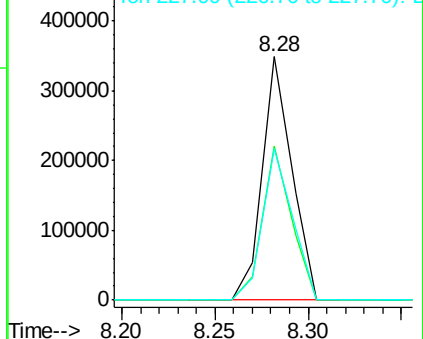


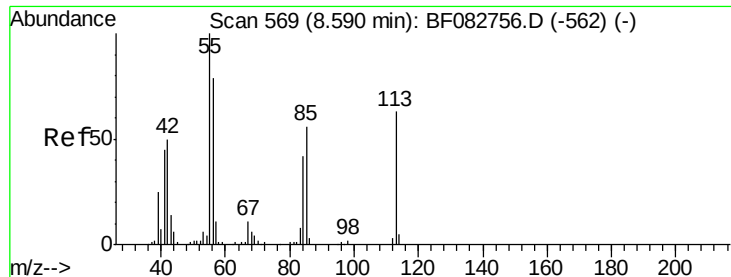
#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:	225	Resp:	381359
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	62.0	50.2	75.2



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

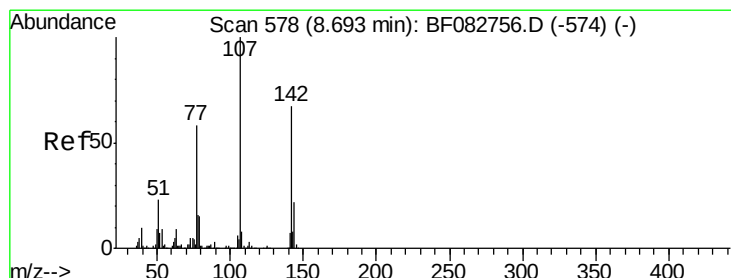
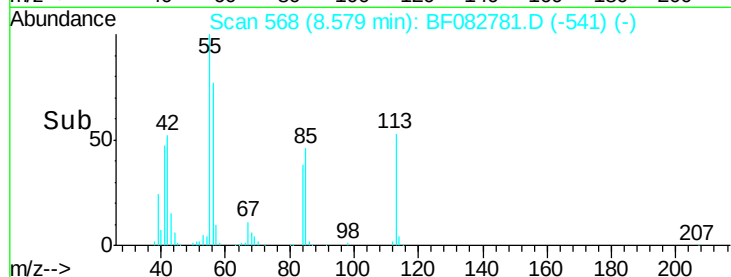
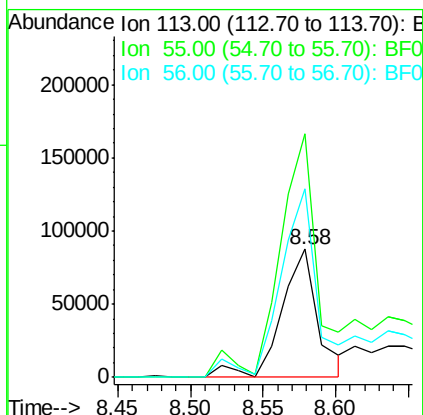
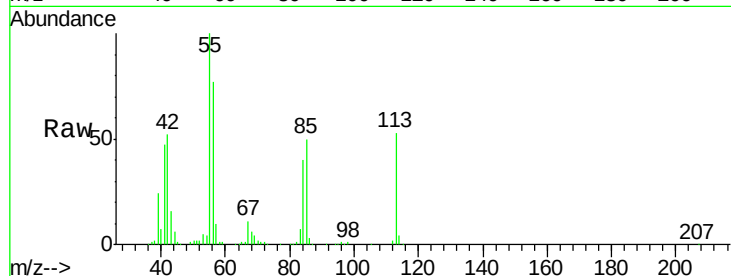




#35
 Caprolactam
 Concen: 37.23 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

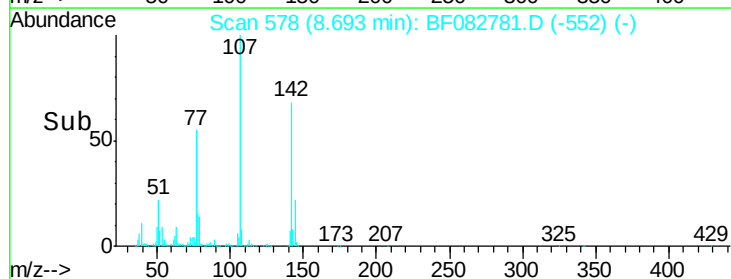
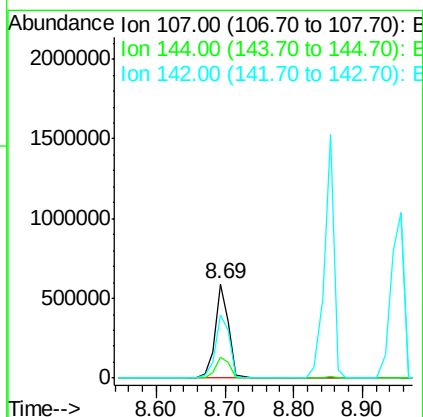
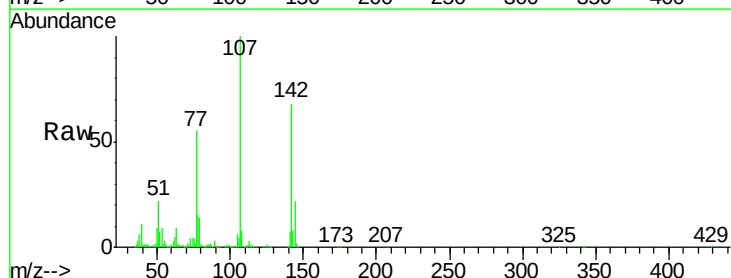
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

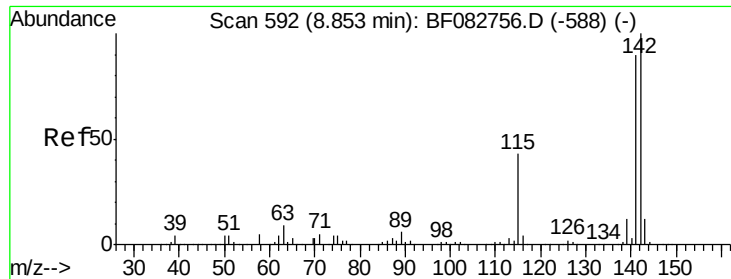
Tgt Ion:113 Resp: 152792
 Ion Ratio Lower Upper
 113 100
 55 189.7 195.5 235.5#
 56 146.5 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 52.74 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:107 Resp: 807289
 Ion Ratio Lower Upper
 107 100
 144 21.8 15.4 23.0
 142 67.6 47.8 71.8

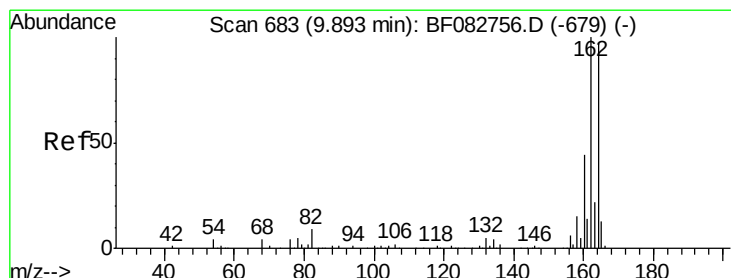
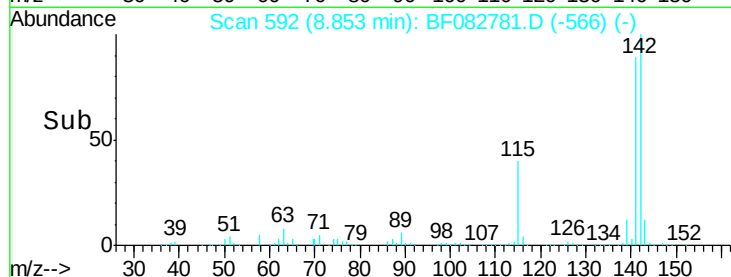
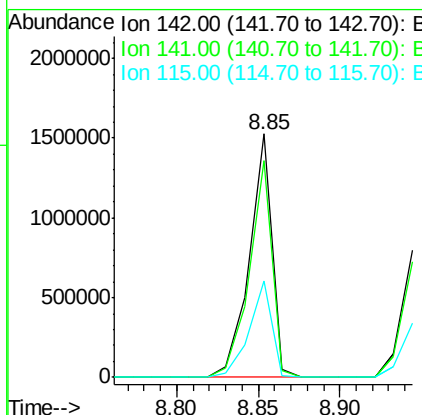
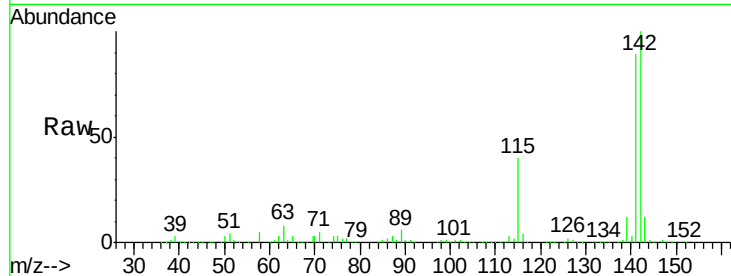




#37
 2-Methylnaphthalene
 Concen: 50.61 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

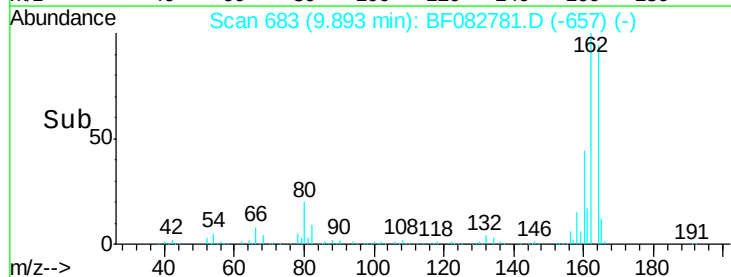
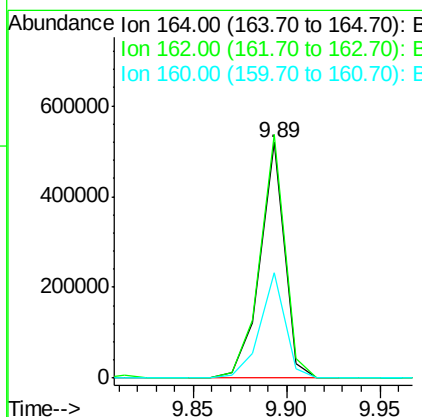
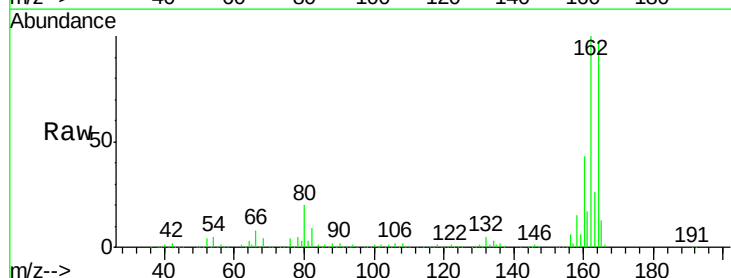
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

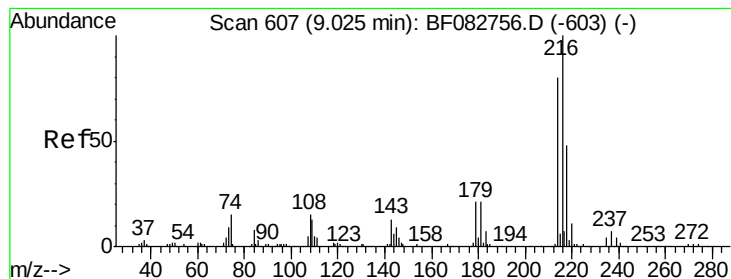
Tgt Ion:142 Resp: 1475842
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.3 108.5
 115 39.8 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:164 Resp: 470736
 Ion Ratio Lower Upper
 164 100
 162 103.3 84.9 127.3
 160 44.9 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.30 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

Tgt Ion:216 Resp: 716175

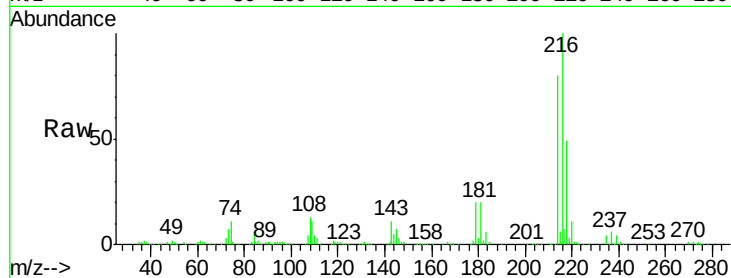
Ion Ratio Lower Upper

216 100

214 79.7 62.2 93.2

179 21.3 18.1 27.1

108 20.0 16.6 25.0

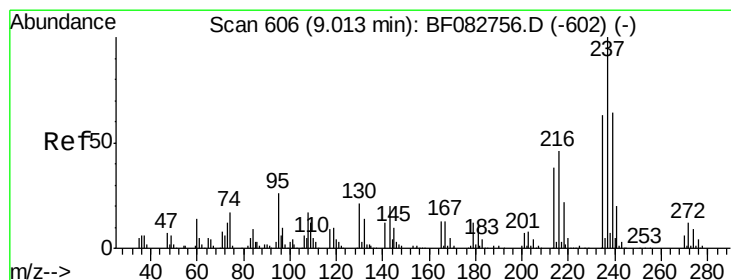
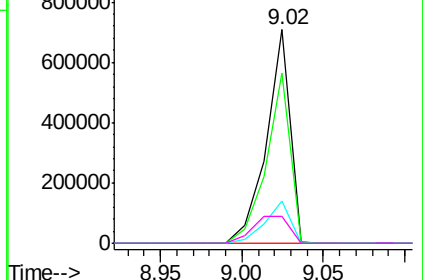
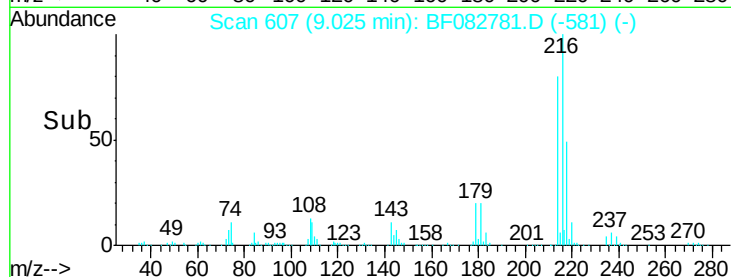


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.91 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

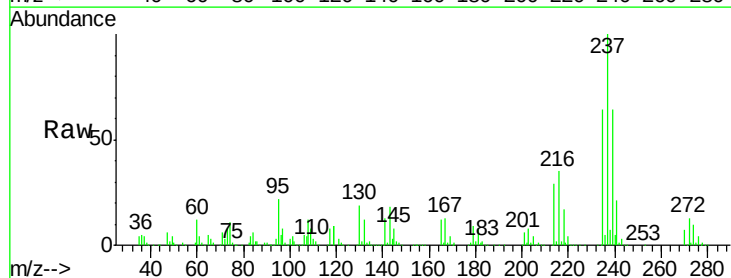
Tgt Ion:237 Resp: 730597

Ion Ratio Lower Upper

237 100

235 64.1 44.3 84.3

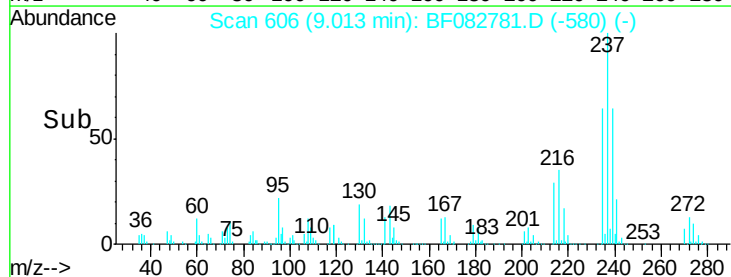
272 12.8 0.0 31.9



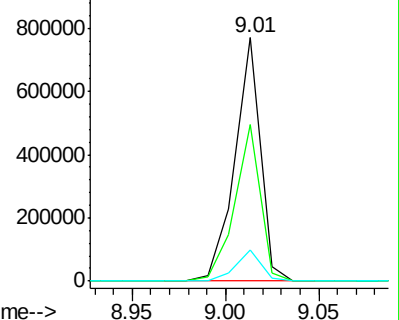
Abundance Ion 236.80 (236.50 to 237.50): E

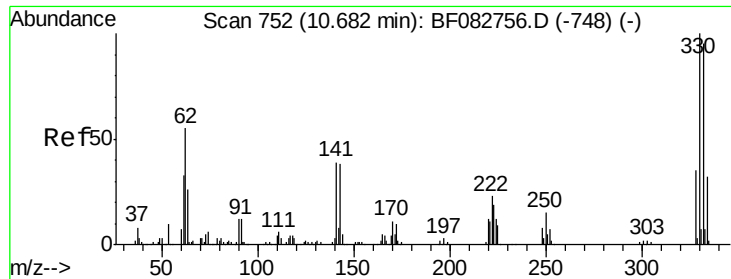
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

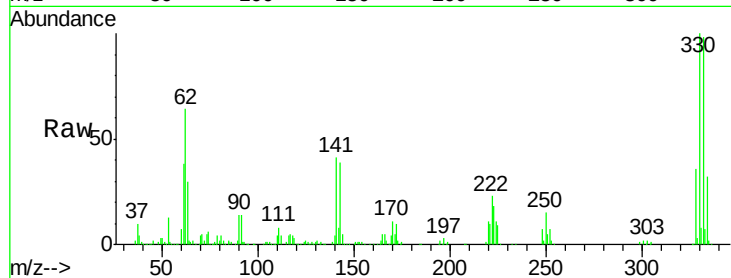




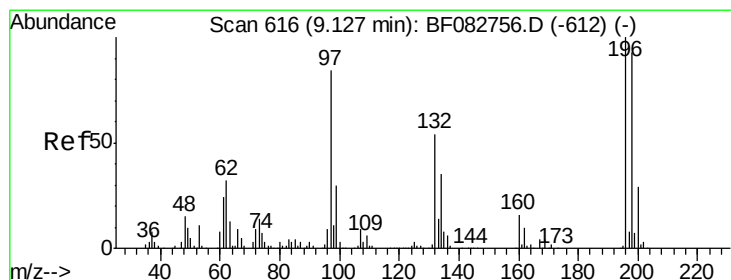
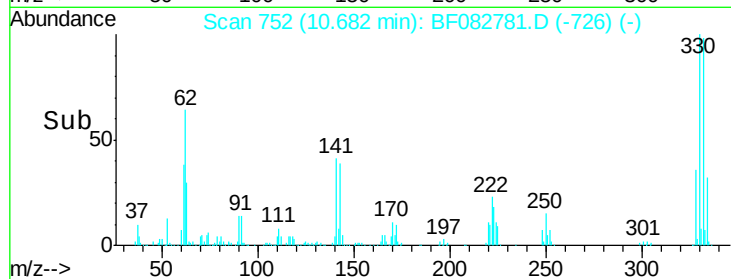
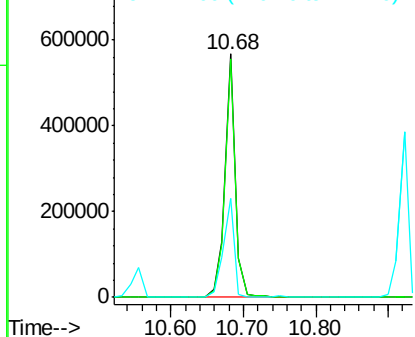
#41
 2,4,6-Tribromophenol
 Concen: 105.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion:330 Resp: 569951
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 41.7 41.2 61.8

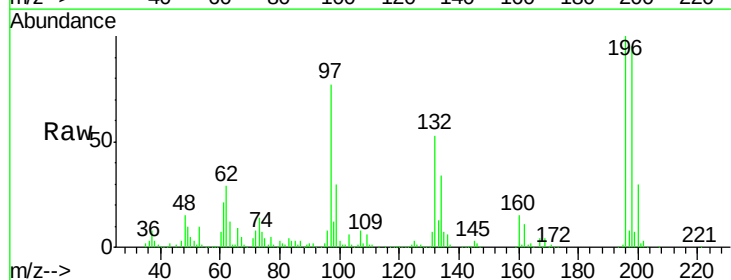


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

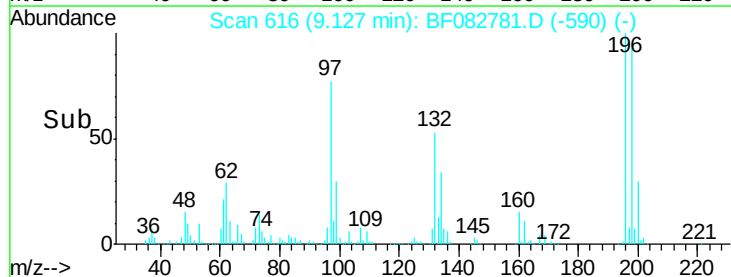
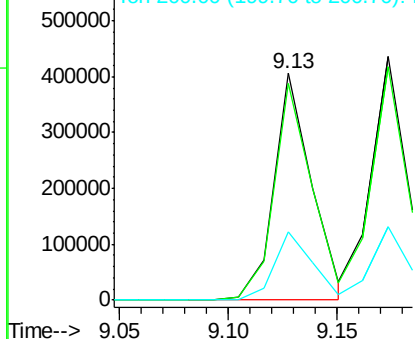


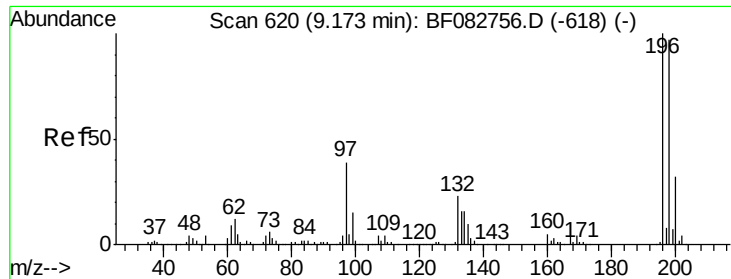
#42
 2,4,6-Trichlorophenol
 Concen: 42.46 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:196 Resp: 490305
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 29.9 23.9 35.9



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

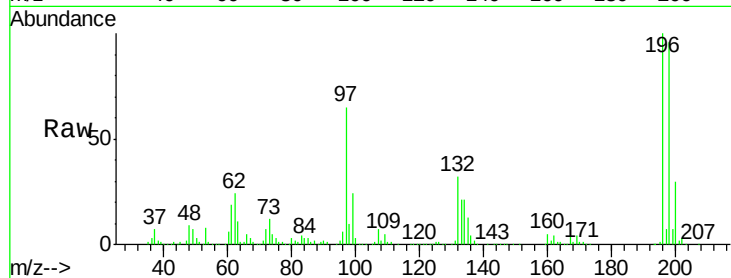




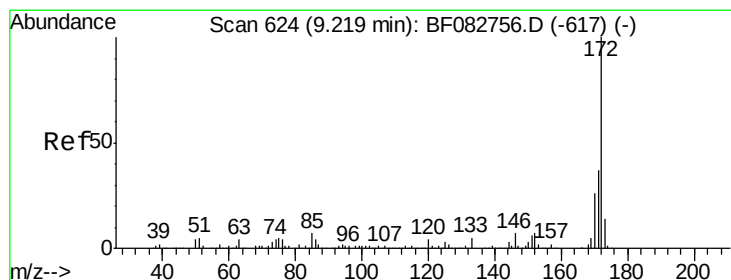
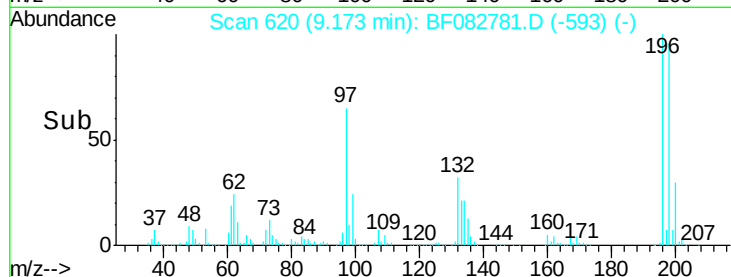
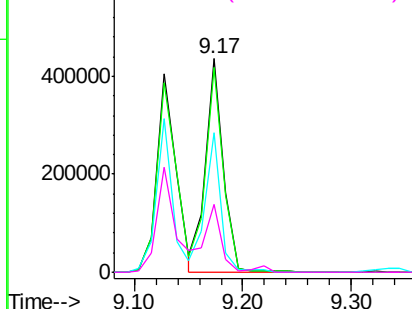
#43
 2,4,5-Trichlorophenol
 Concen: 43.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion:196 Resp: 500470
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.8 113.8
 97 65.0 62.3 93.5
 132 31.5 27.4 41.2

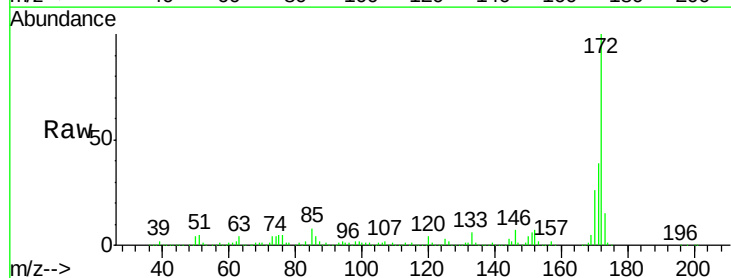


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

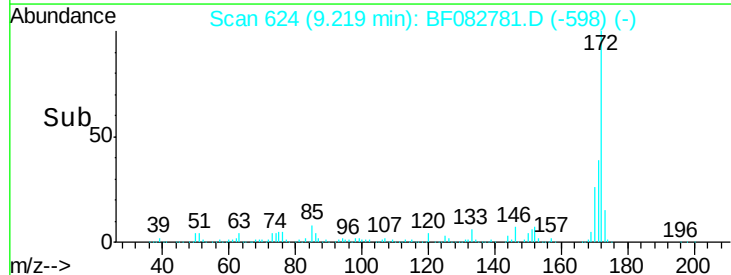
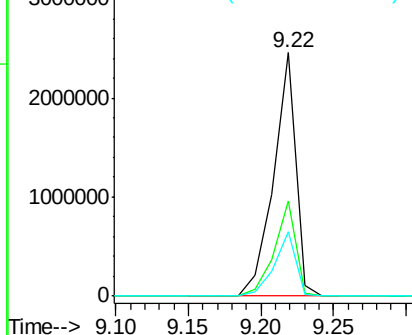


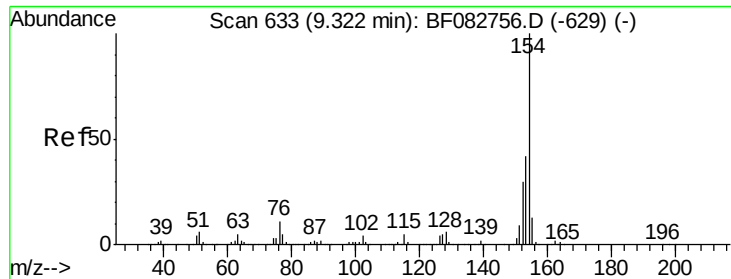
#44
 2-Fluorobiphenyl
 Concen: 79.58 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:172 Resp: 2613680
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.8 46.2
 170 26.5 21.2 31.8



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

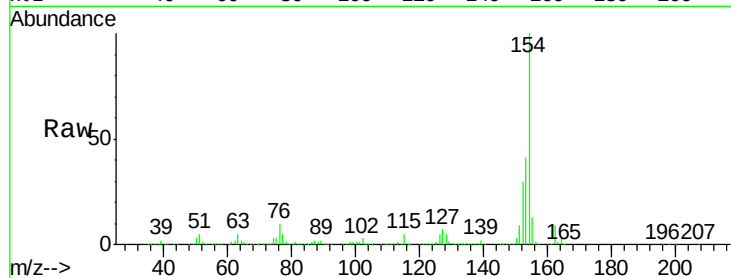




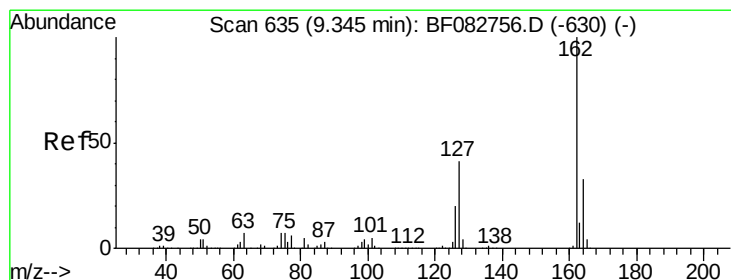
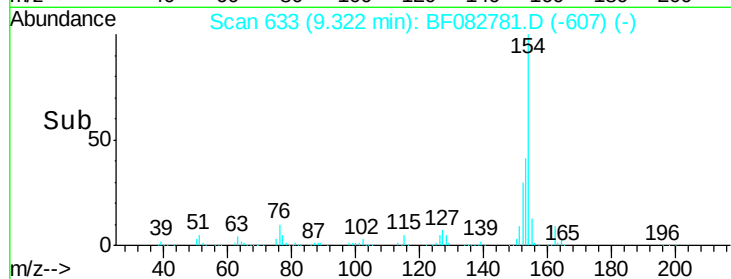
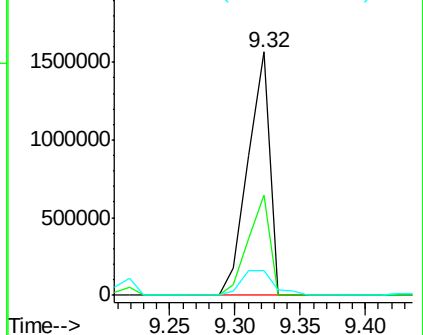
#45
 1,1'-Biphenyl
 Concen: 45.03 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion:154 Resp: 1819006
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.0 62.0
 76 10.4 0.0 29.0

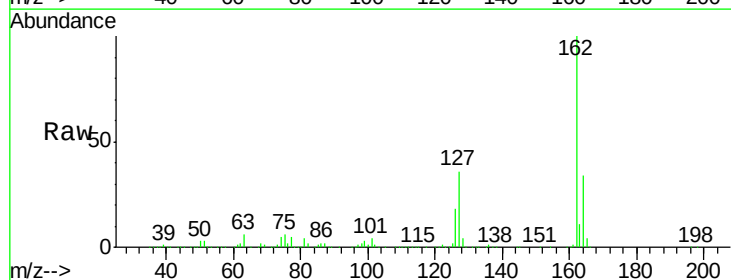


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

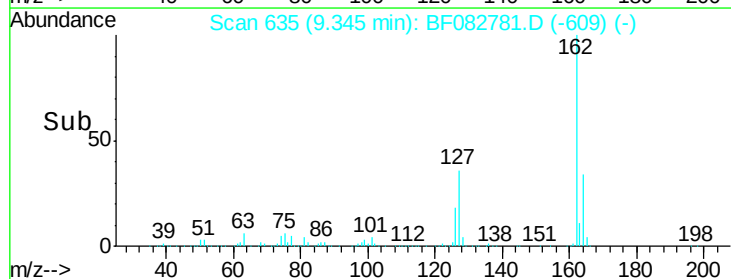
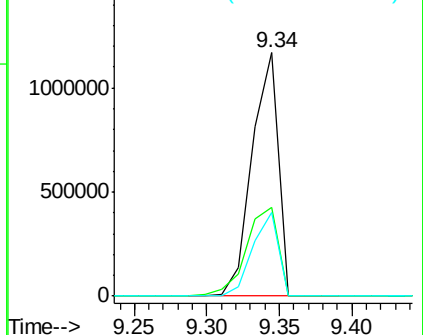


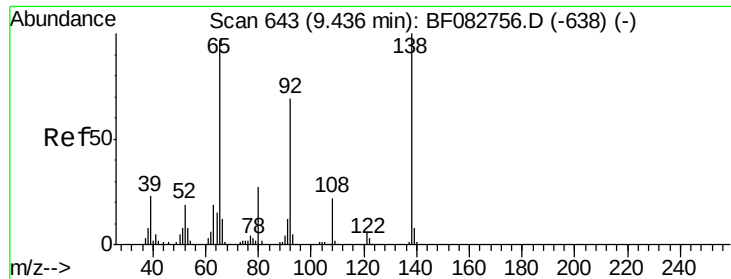
#46
 2-Chloronaphthalene
 Concen: 46.35 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:162 Resp: 1460277
 Ion Ratio Lower Upper
 162 100
 127 36.3 32.7 49.1
 164 34.4 27.4 41.0



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

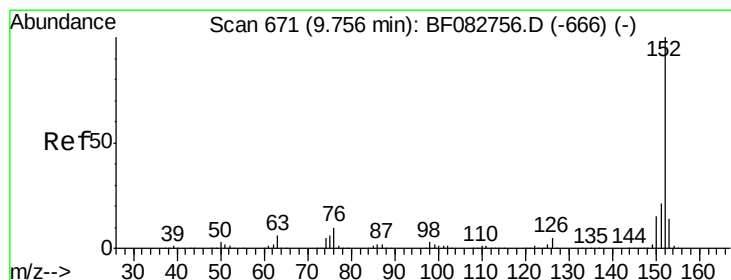
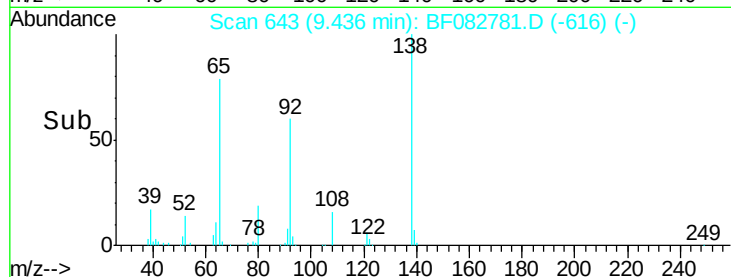
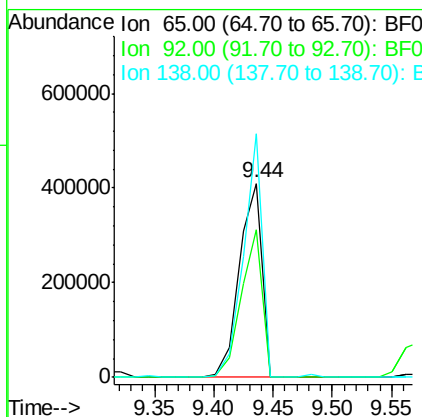
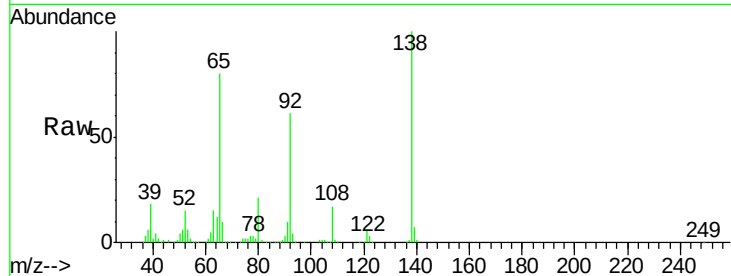




#47
2-Nitroaniline
Concen: 46.57 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

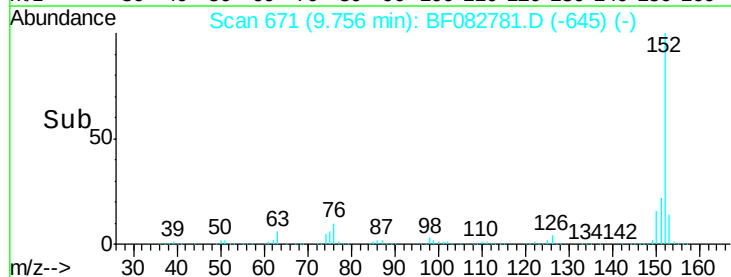
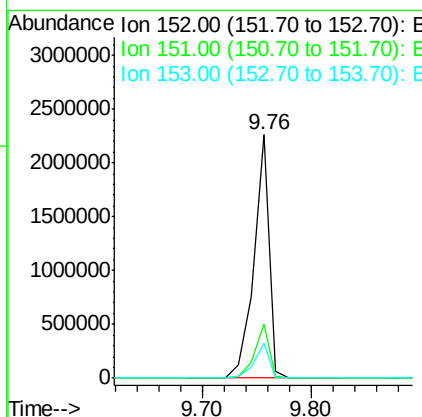
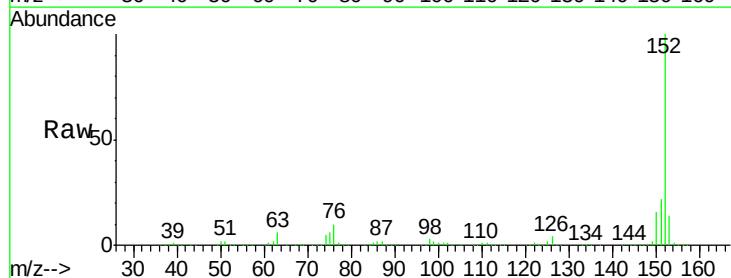
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

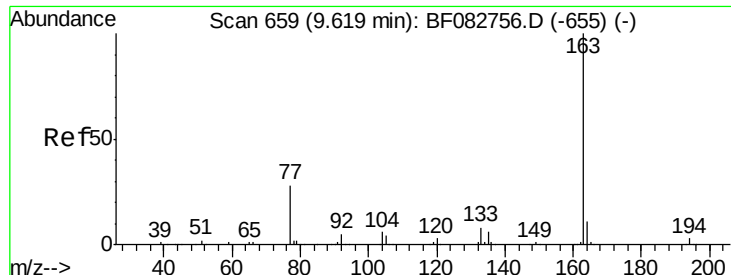
Tgt Ion: 65 Resp: 544291
Ion Ratio Lower Upper
65 100
92 76.0 46.6 70.0#
138 125.4 54.6 81.8#



#48
Acenaphthylene
Concen: 44.51 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion: 152 Resp: 2197739
Ion Ratio Lower Upper
152 100
151 22.0 17.3 25.9
153 14.3 11.3 16.9

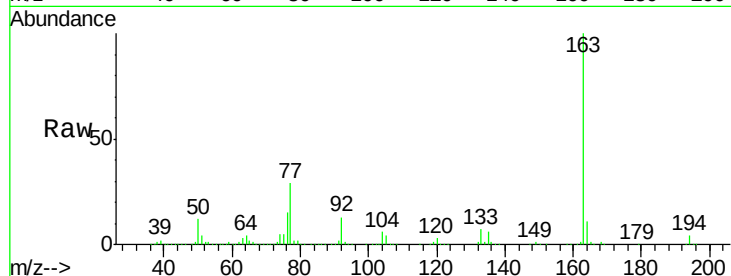




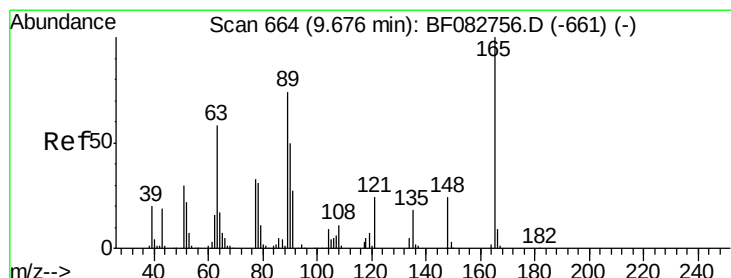
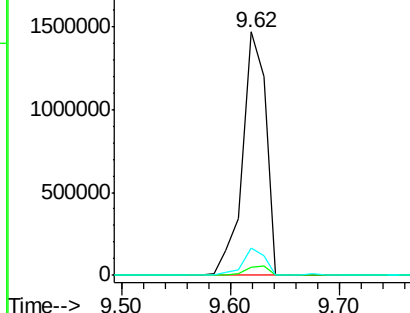
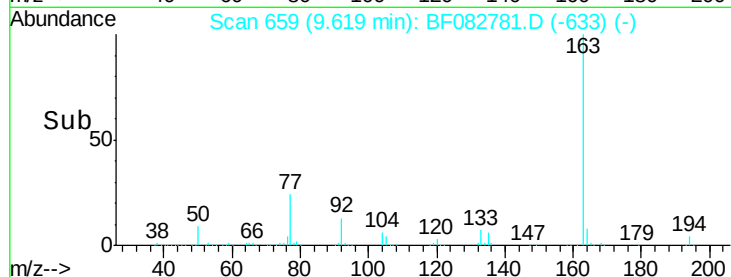
#49
Dimethylphthalate
Concen: 56.40 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:163 Resp: 2175099
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.2 8.7 13.1

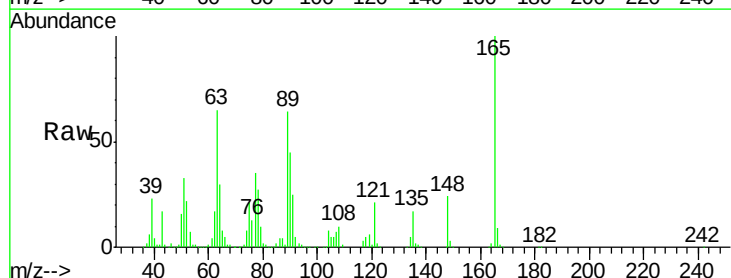


Abundance Ion 163.00 (162.70 to 163.70): E
2000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

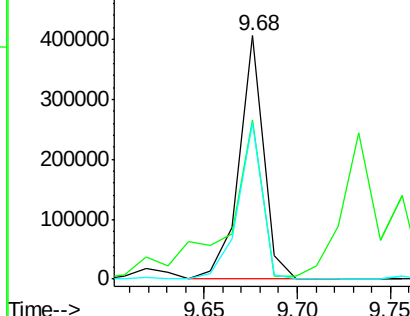
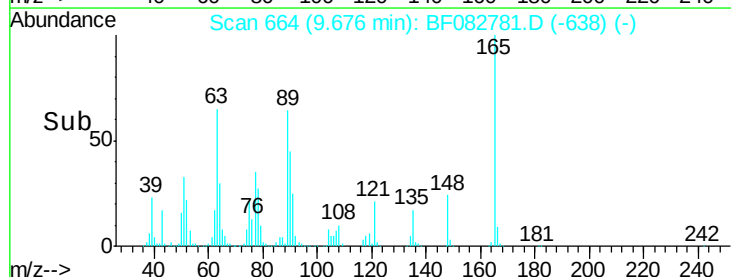


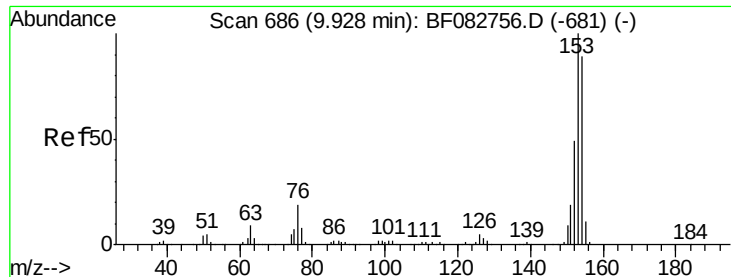
#50
2,6-Dinitrotoluene
Concen: 45.62 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:165 Resp: 375396
Ion Ratio Lower Upper
165 100
63 65.3 55.5 83.3
89 64.3 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
500000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.31 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

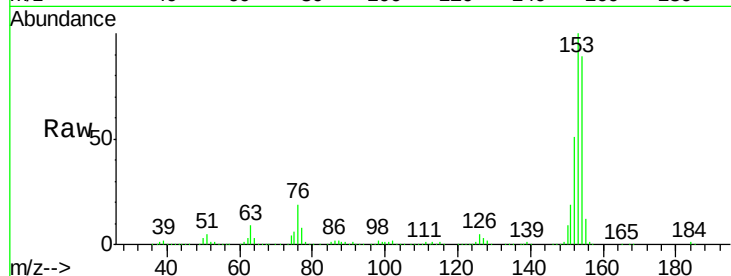
Tgt Ion:154 Resp: 1511799

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

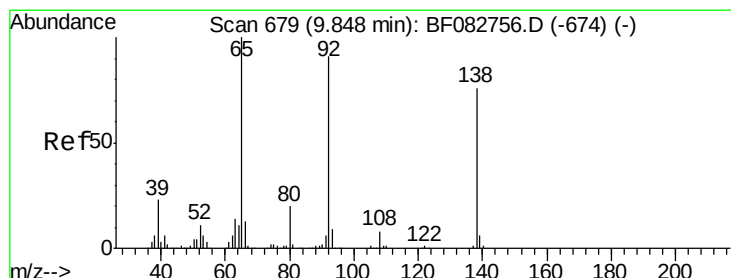
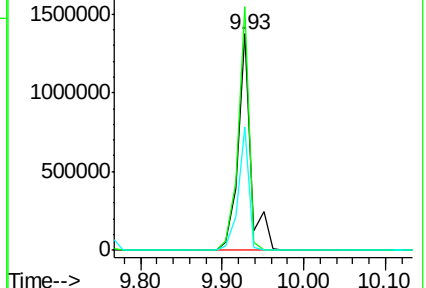
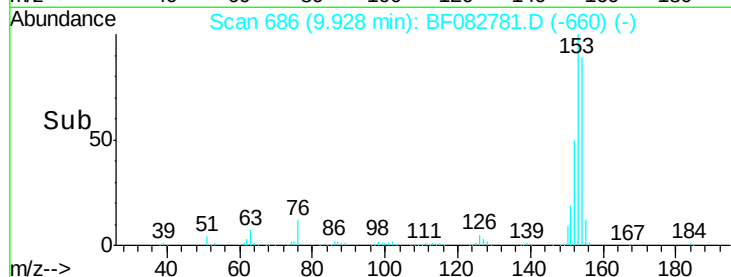
152 56.9 44.3 66.5



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: 18.11 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

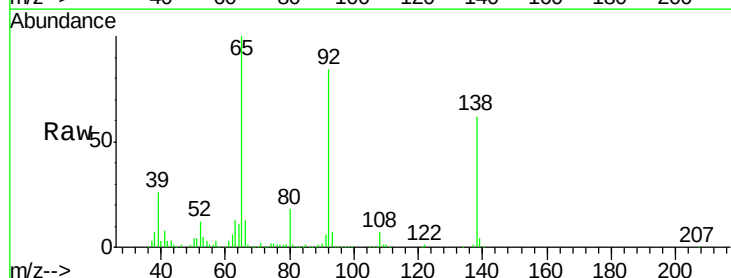
Tgt Ion:138 Resp: 163901

Ion Ratio Lower Upper

138 100

108 11.2 11.3 16.9#

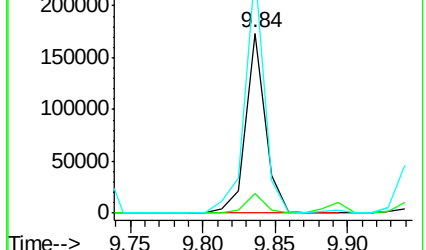
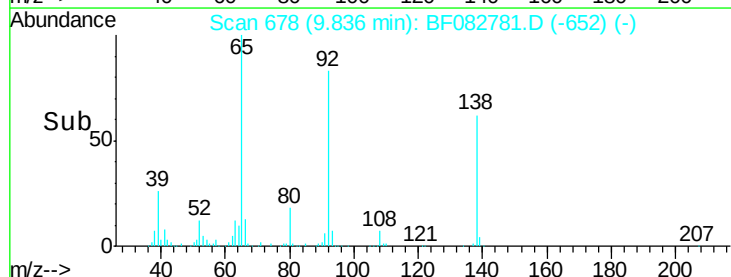
92 135.2 122.4 183.6

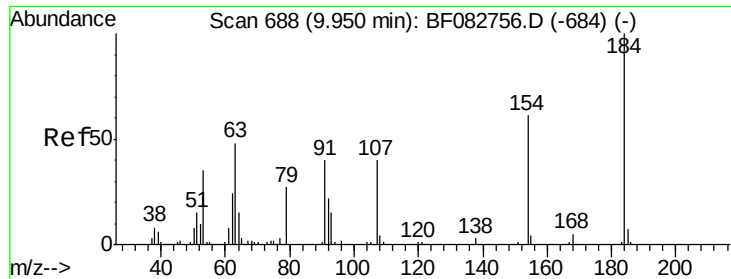


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

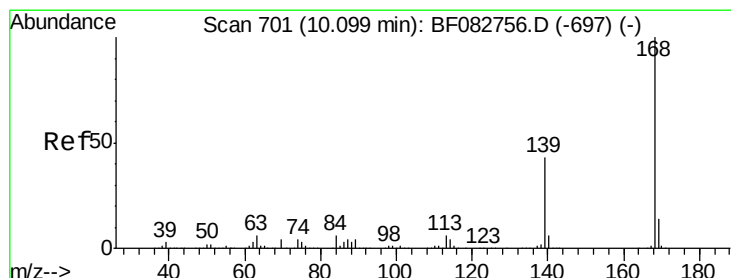
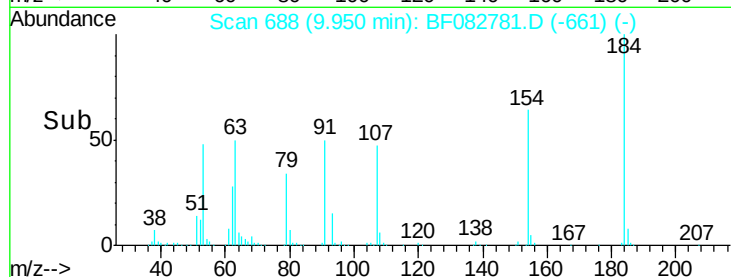
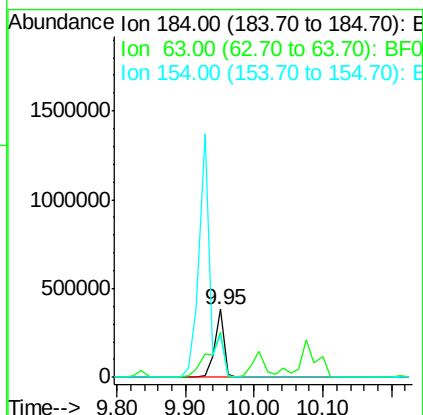
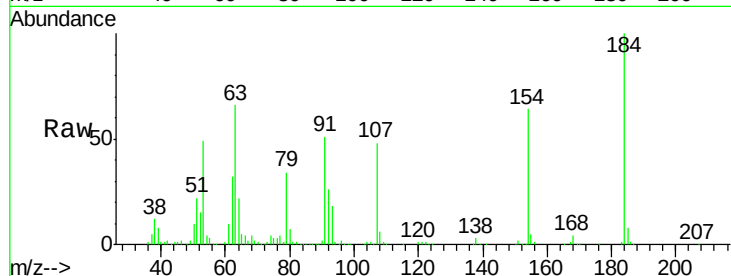




#53
 2,4-Dinitrophenol
 Concen: 81.90 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

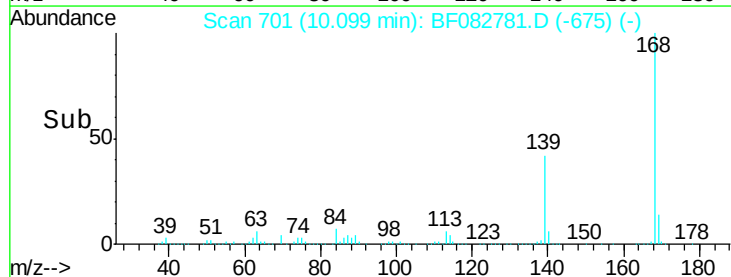
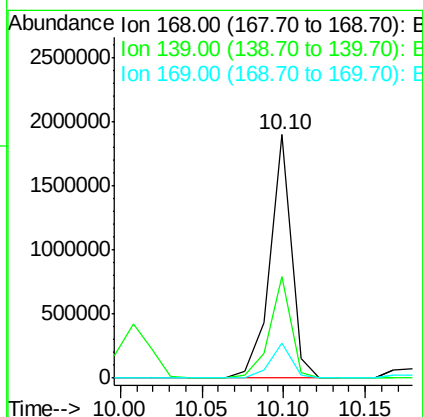
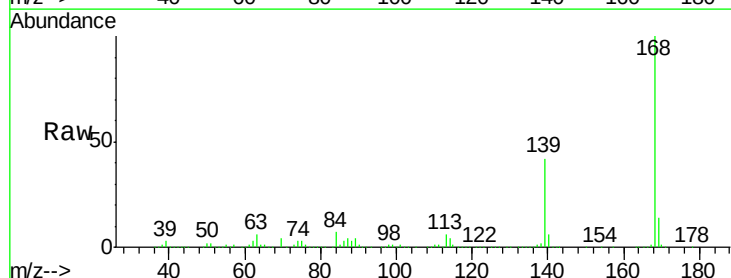
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

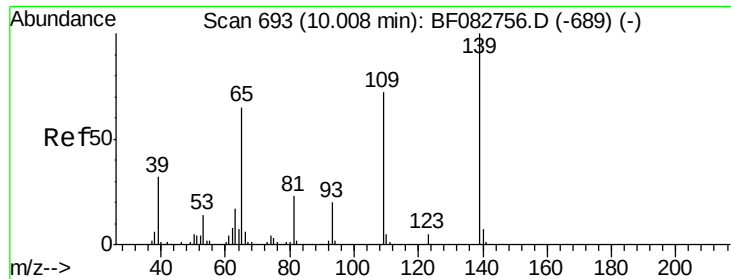
Tgt Ion:184 Resp: 370041
 Ion Ratio Lower Upper
 184 100
 63 66.3 98.6 148.0#
 154 63.7 183.9 275.9#



#54
 Dibenzofuran
 Concen: 41.45 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:168 Resp: 1748747
 Ion Ratio Lower Upper
 168 100
 139 41.6 37.8 56.6
 169 14.4 11.3 16.9

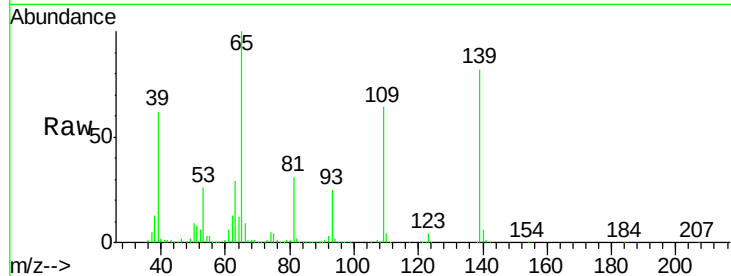




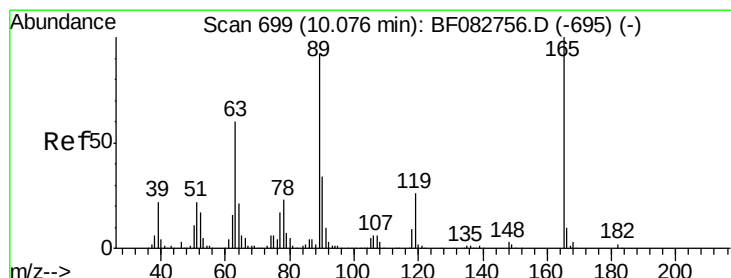
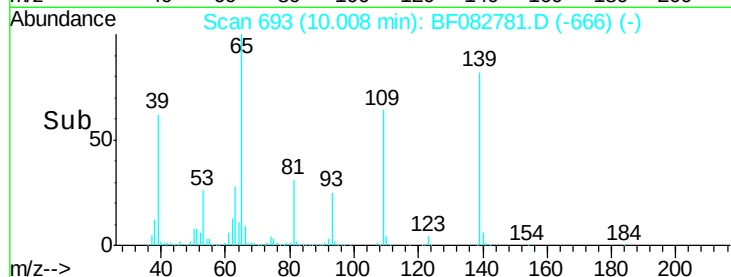
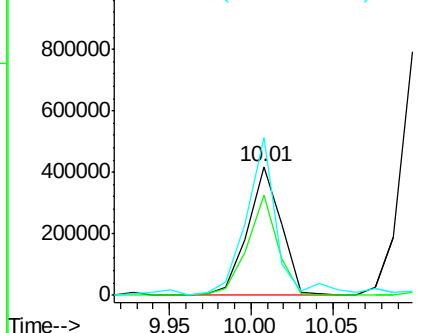
#55
4-Nitrophenol
Concen: 86.38 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:139 Resp: 599720
Ion Ratio Lower Upper
139 100
109 78.3 73.7 113.7
65 122.1 82.9 122.9

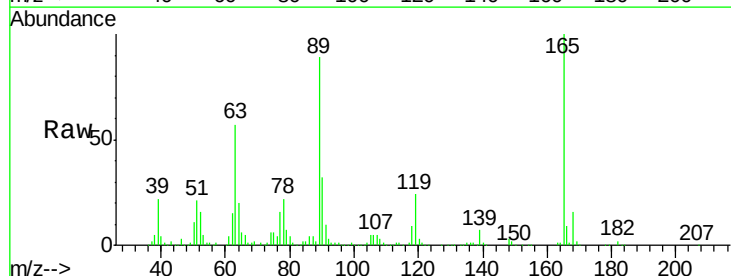


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

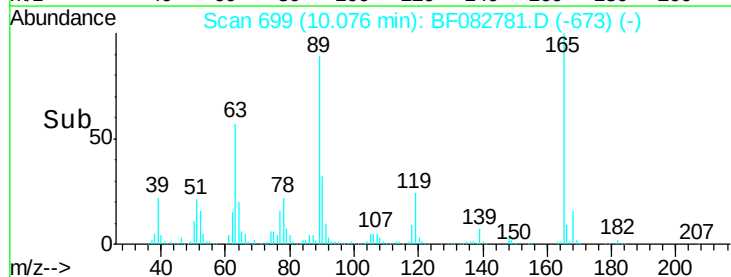
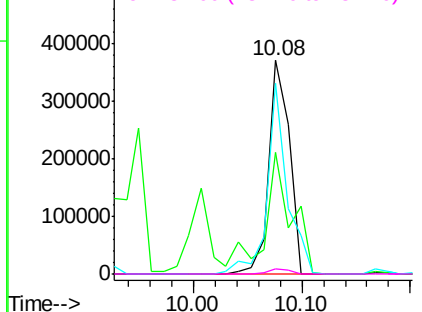


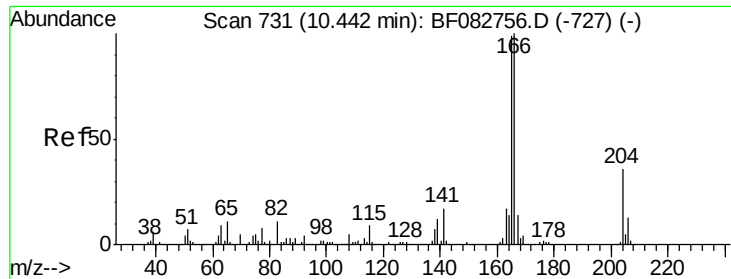
#56
2,4-Dinitrotoluene
Concen: 43.40 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:165 Resp: 484554
Ion Ratio Lower Upper
165 100
63 56.9 43.4 65.0
89 89.3 70.6 106.0
182 2.2 1.5 2.3



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





#57

Fluorene

Concen: 40.42 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

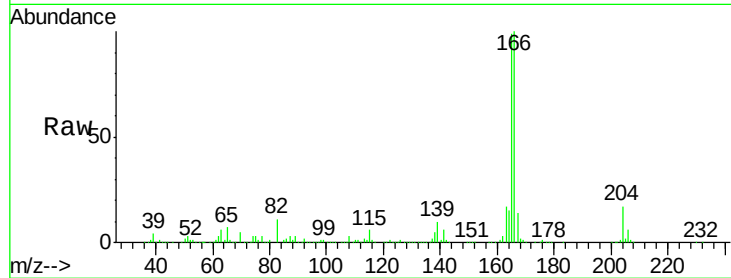
Tgt Ion:166 Resp: 1381103

Ion Ratio Lower Upper

166 100

165 99.4 80.2 120.4

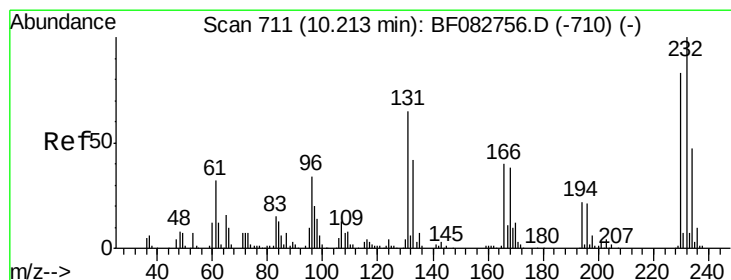
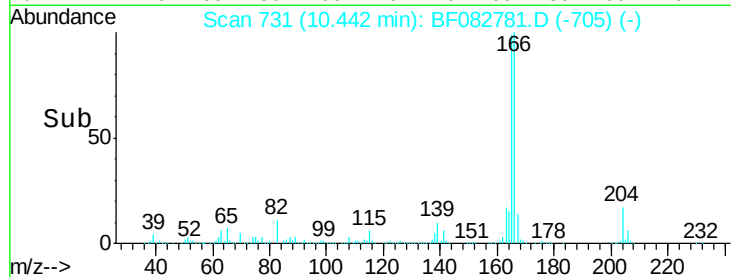
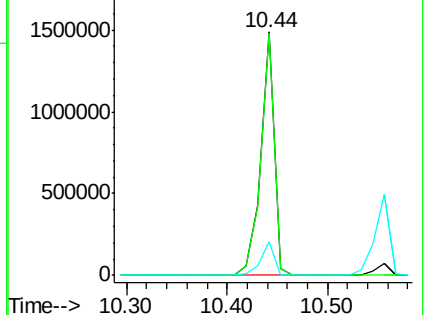
167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.76 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Tgt Ion:232 Resp: 370558

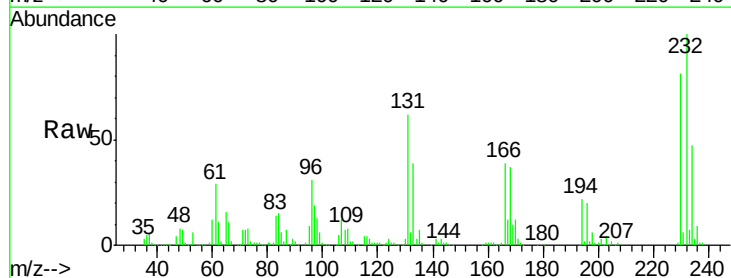
Ion Ratio Lower Upper

232 100

131 48.3 46.2 69.2

130 2.3 2.4 3.6#

166 31.4 28.2 42.2

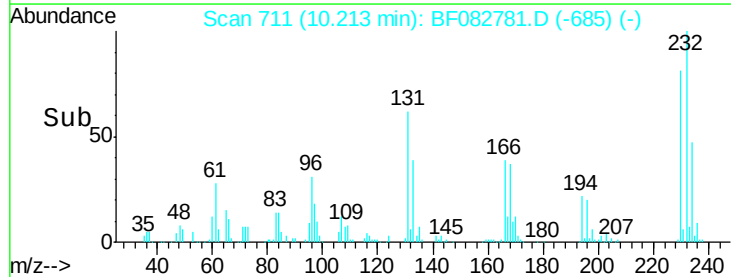
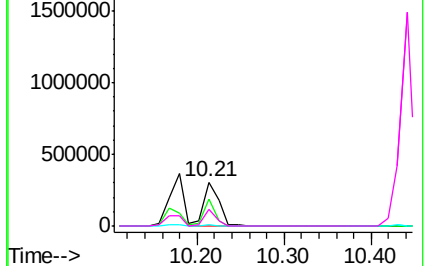


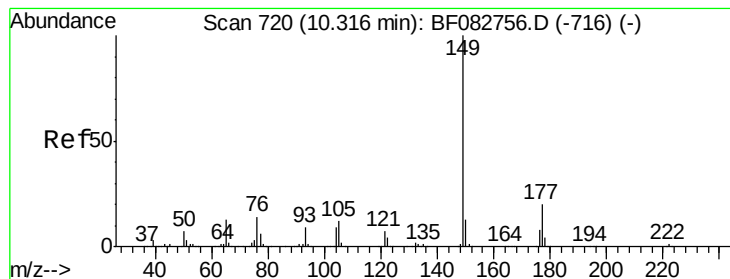
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.71 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

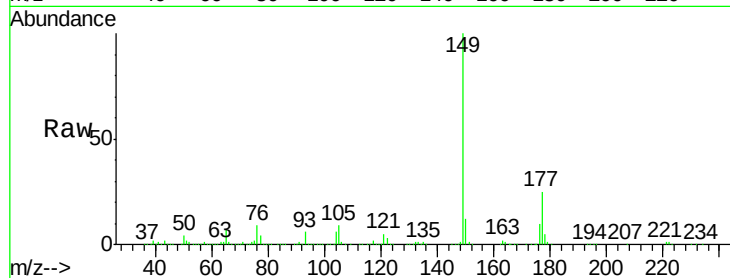
Tgt Ion:149 Resp: 1533181

Ion Ratio Lower Upper

149 100

177 24.7 17.9 26.9

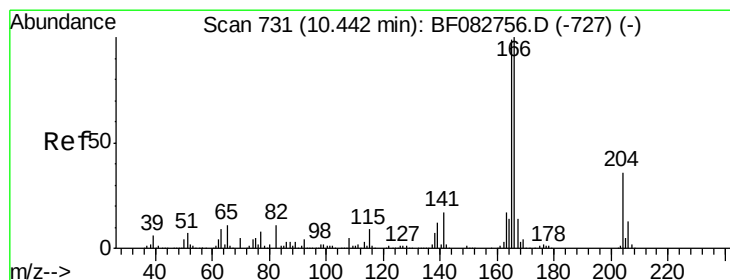
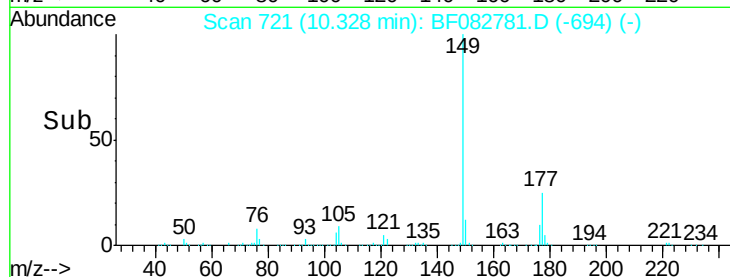
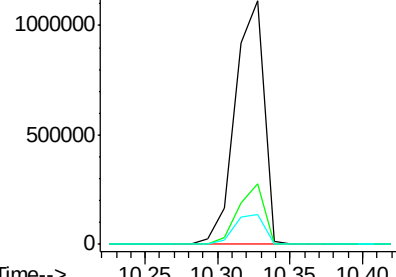
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.48 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

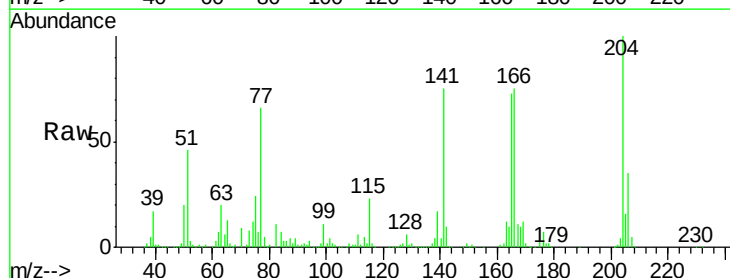
Tgt Ion:204 Resp: 589474

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

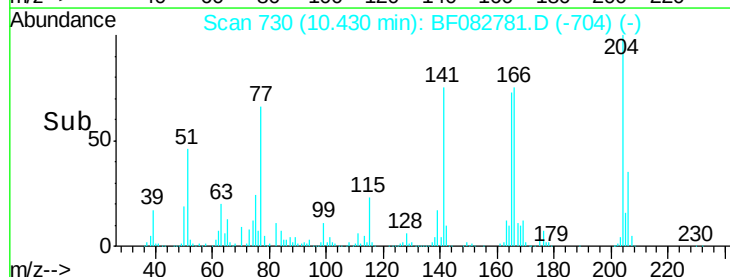
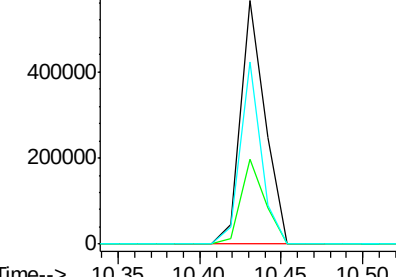
141 74.6 44.6 66.8#

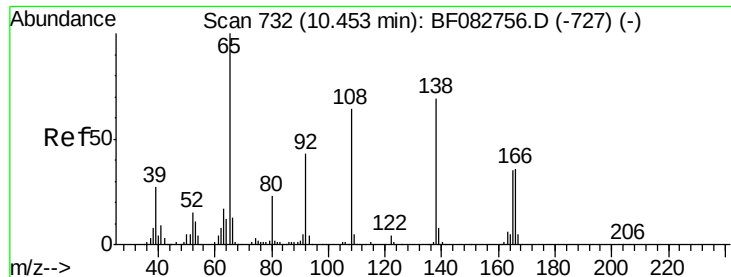


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

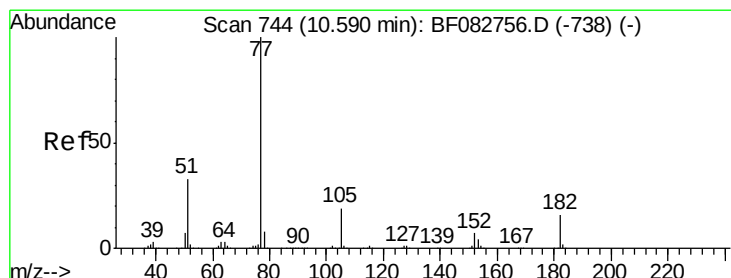
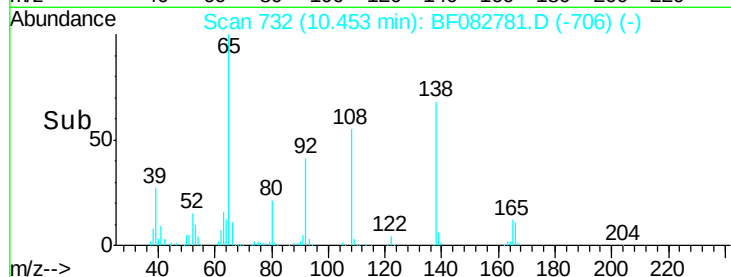
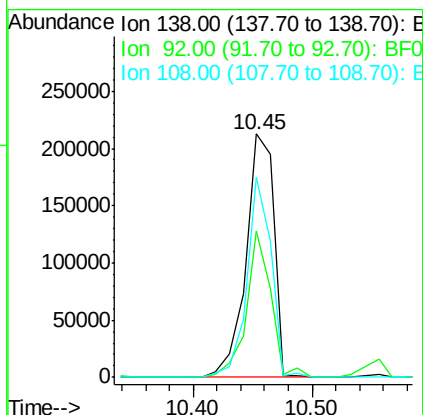
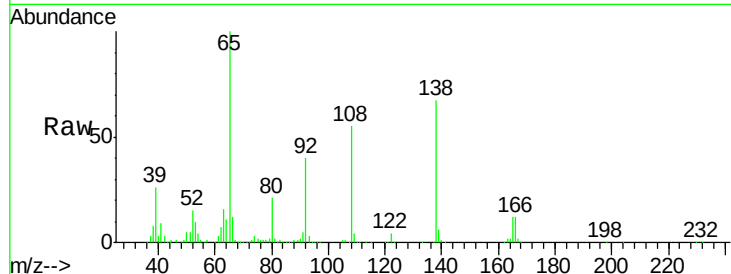




#61
4-Nitroaniline
Concen: 38.46 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

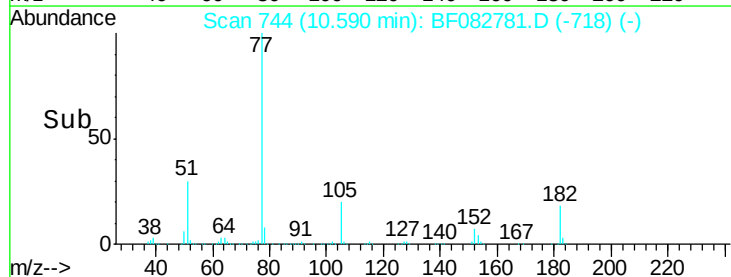
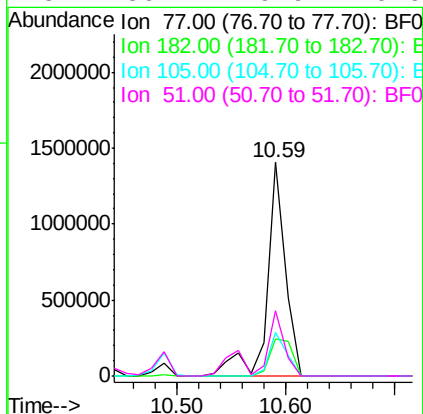
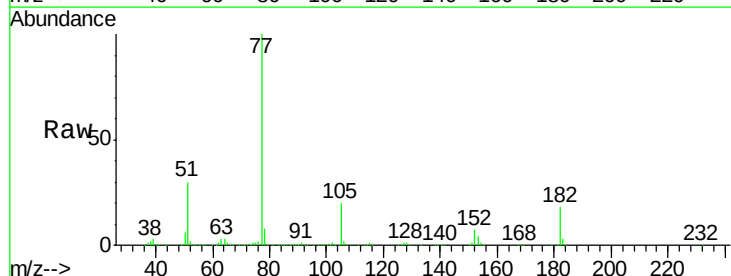
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

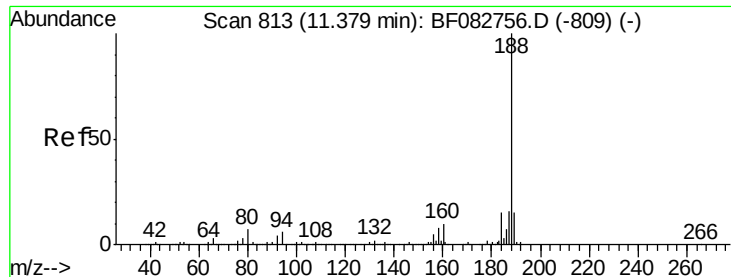
Tgt Ion:138 Resp: 350077
Ion Ratio Lower Upper
138 100
92 60.3 45.8 85.8
108 82.3 89.4 129.4#



#62
Azobenzene
Concen: 41.03 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion: 77 Resp: 1659789
Ion Ratio Lower Upper
77 100
182 17.5 9.3 49.3
105 20.5 2.6 42.6
51 30.4 9.9 49.9

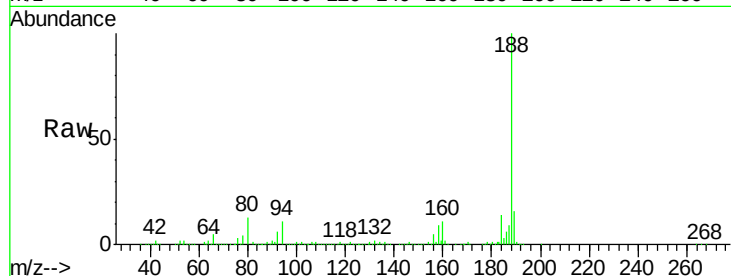




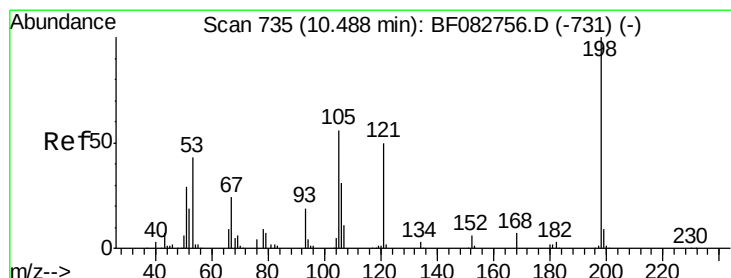
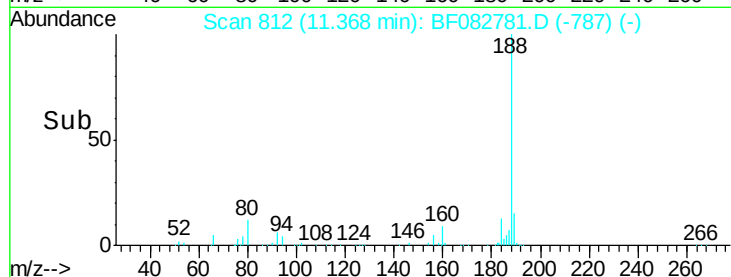
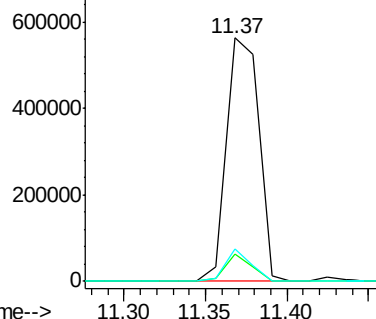
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:188 Resp: 779694
Ion Ratio Lower Upper
188 100
94 11.4 6.1 9.1#
80 13.2 7.0 10.6#

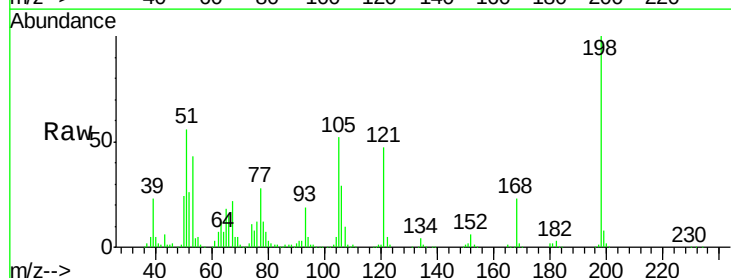


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

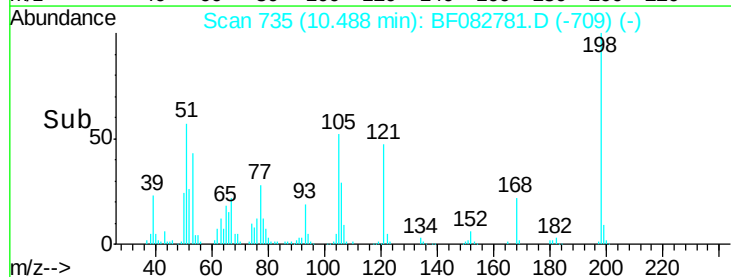
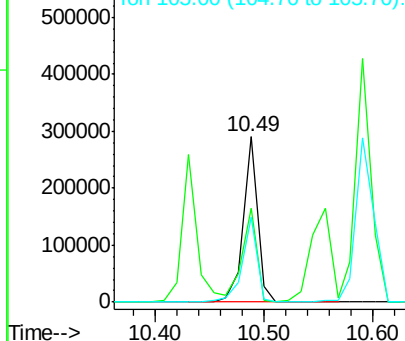


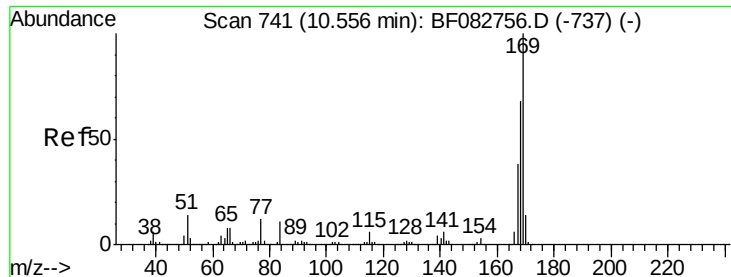
#64
4,6-Dinitro-2-methylphenol
Concen: 47.08 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:198 Resp: 261492
Ion Ratio Lower Upper
198 100
51 56.5 17.3 57.3
105 51.7 21.7 61.7



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: 46.45 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

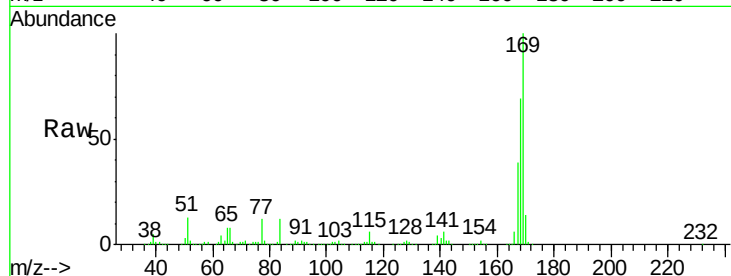
Tgt Ion:169 Resp: 1308270

Ion Ratio Lower Upper

169 100

168 69.1 55.0 82.6

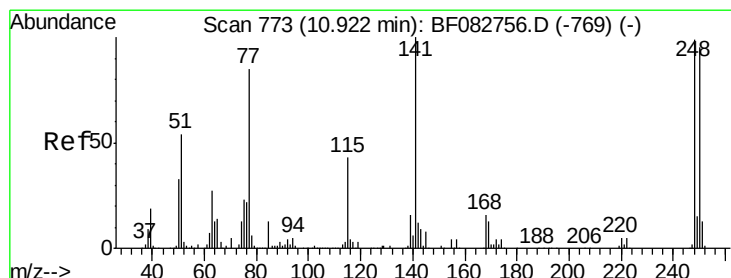
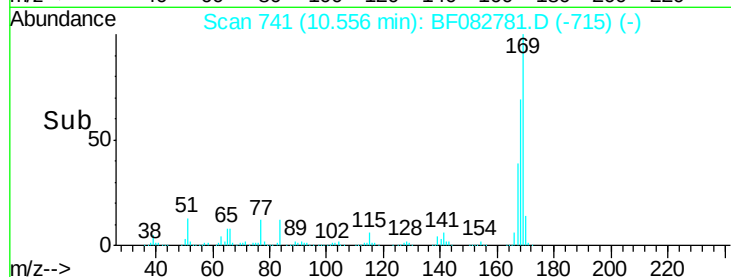
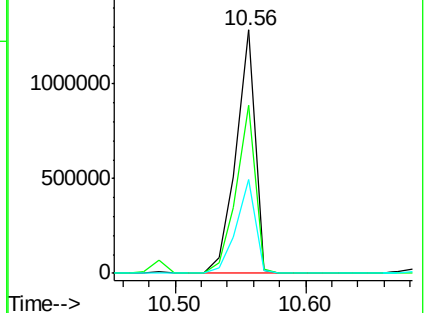
167 38.7 30.5 45.7



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: 42.33 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

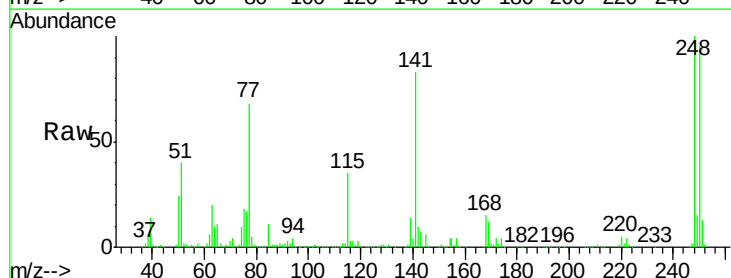
Tgt Ion:248 Resp: 397418

Ion Ratio Lower Upper

248 100

250 95.4 79.4 119.2

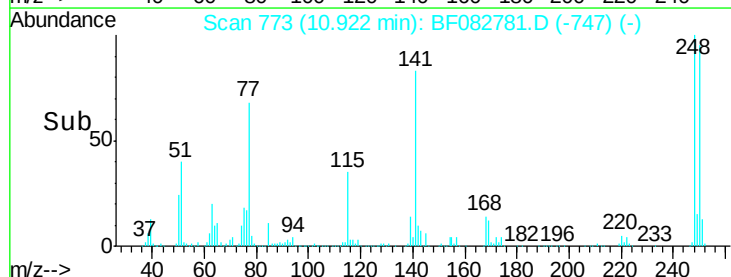
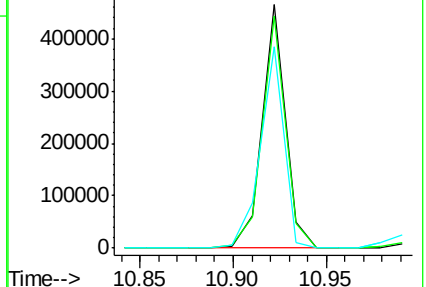
141 82.9 36.3 54.5#

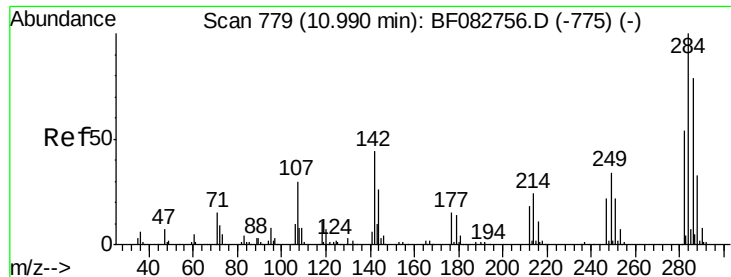


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

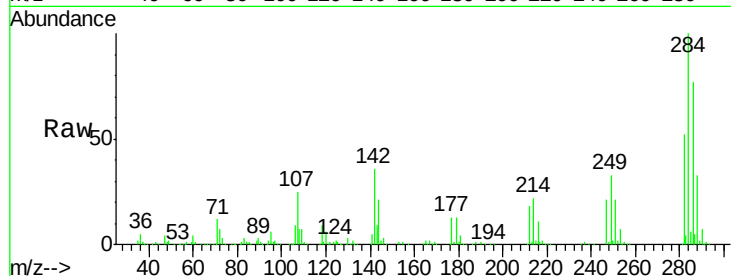




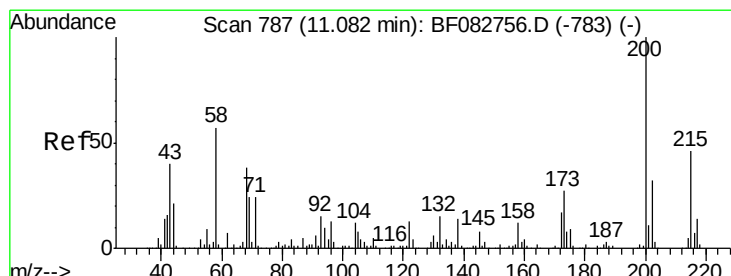
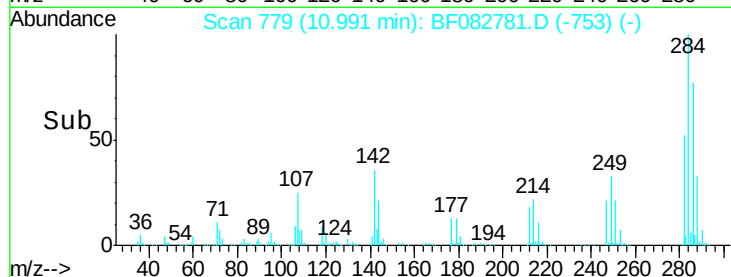
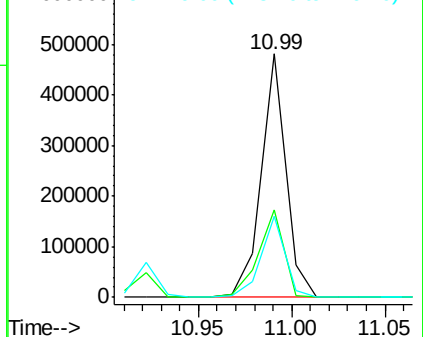
#67
Hexachlorobenzene
Concen: 41.92 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:284 Resp: 439416
Ion Ratio Lower Upper
284 100
142 36.0 47.9 71.9#
249 33.3 29.7 44.5

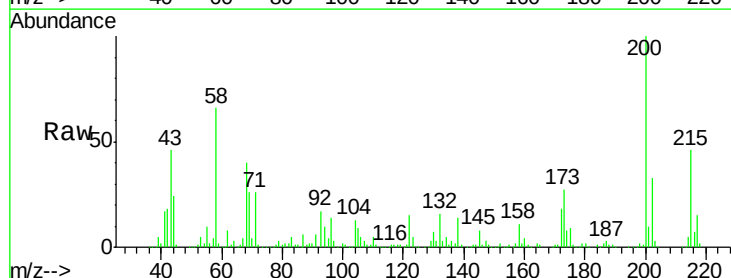


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

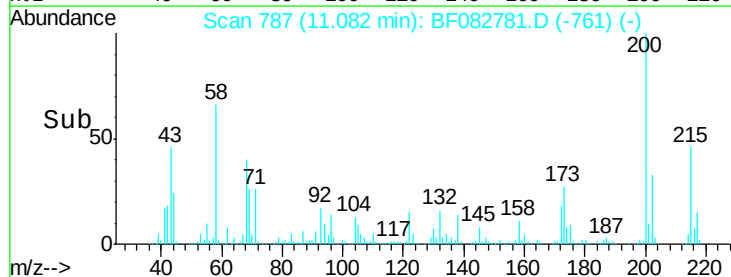
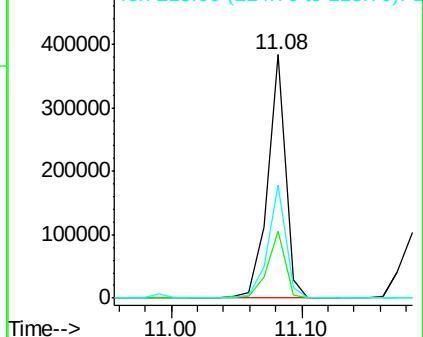


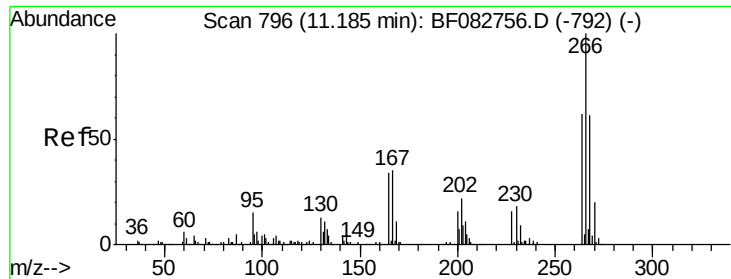
#68
Atrazine
Concen: 42.33 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:200 Resp: 368734
Ion Ratio Lower Upper
200 100
173 27.3 6.9 46.9
215 46.4 22.9 62.9



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

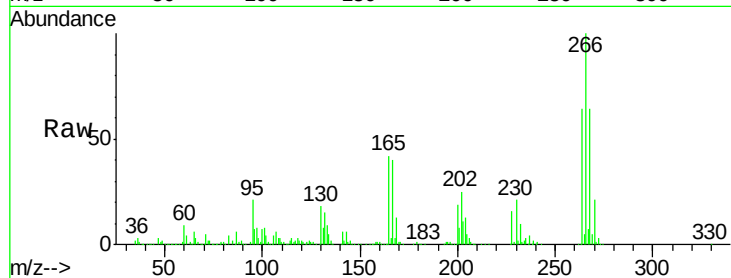




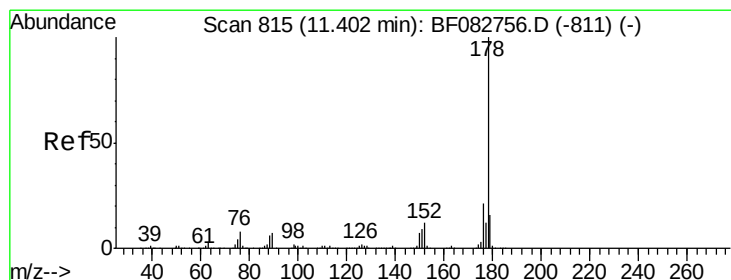
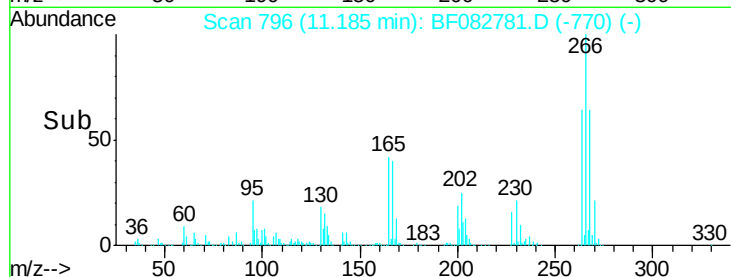
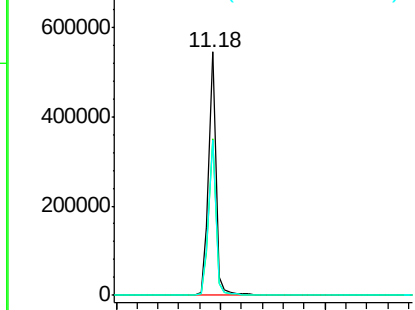
#69
 Pentachlorophenol
 Concen: 85.02 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion:266 Resp: 541207
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 63.7 50.6 75.8

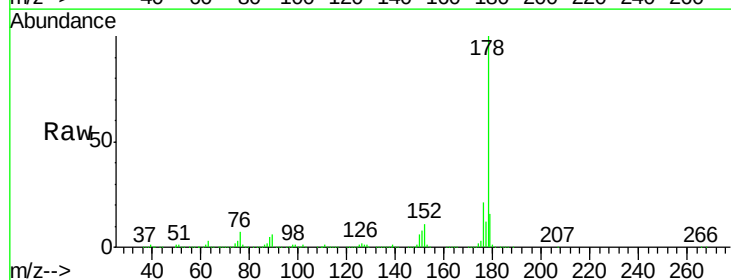


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

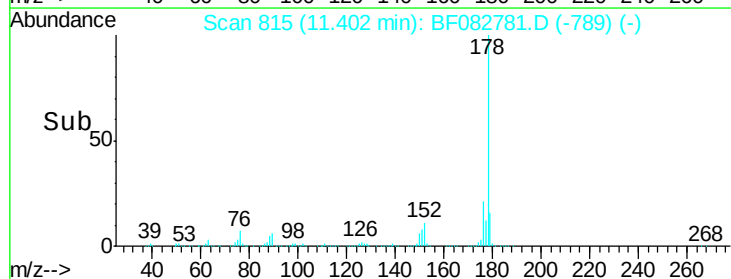
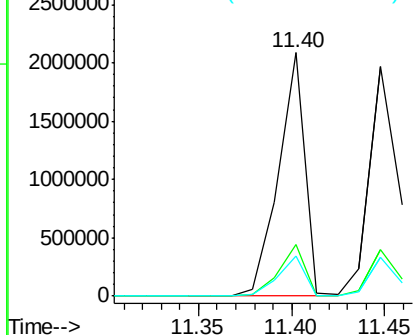


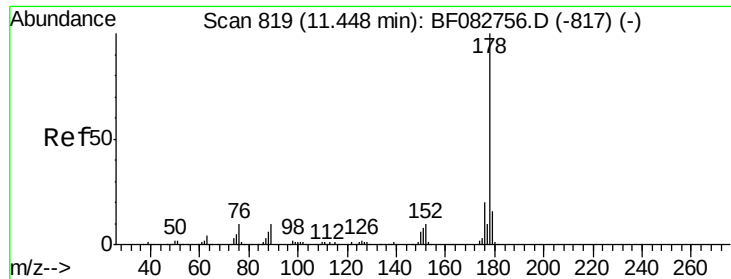
#70
 Phenanthrene
 Concen: 45.48 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:178 Resp: 2059376
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.0 25.4
 179 16.5 13.4 20.0



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

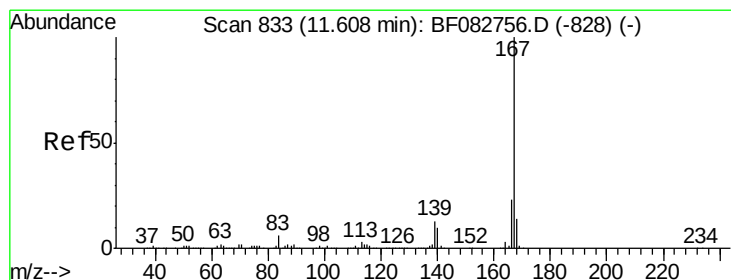
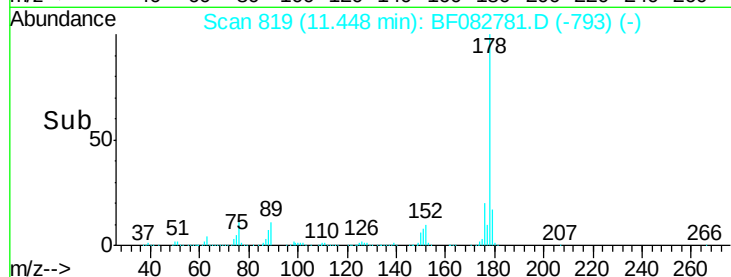
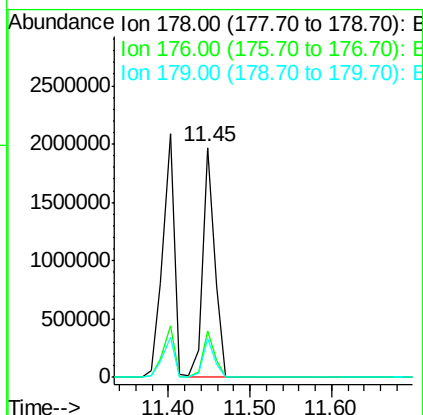
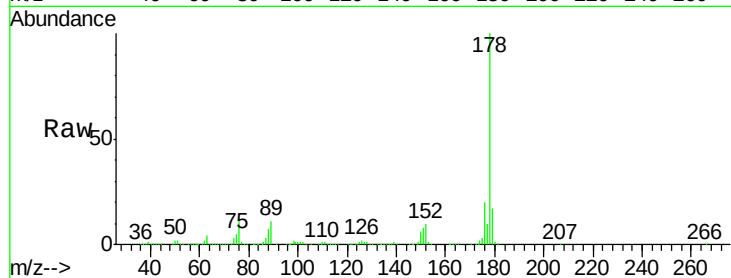




#71
 Anthracene
 Concen: 43.11 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

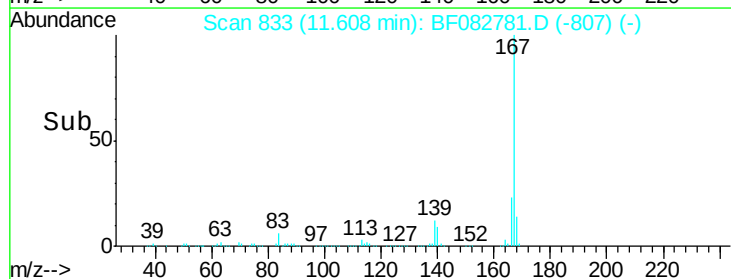
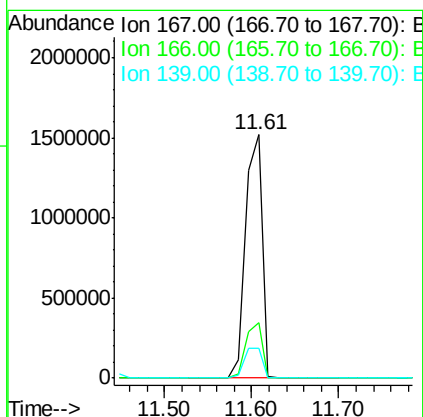
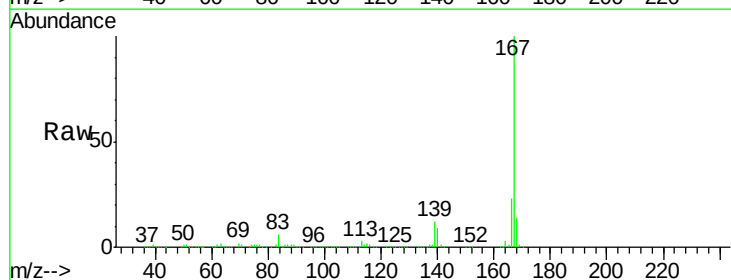
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

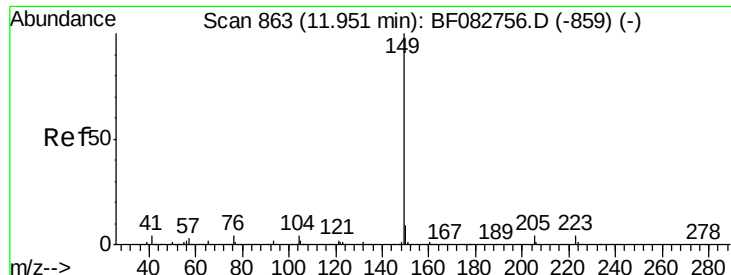
Tgt Ion:178 Resp: 2056201
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.7 13.2 19.8



#72
 Carbazole
 Concen: 48.57 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:167 Resp: 2027870
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 12.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 38.71 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

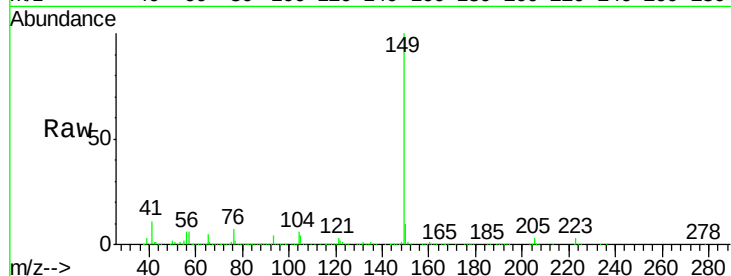
Tgt Ion:149 Resp: 2013425

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

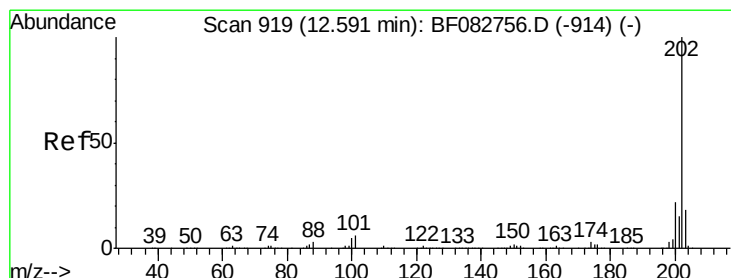
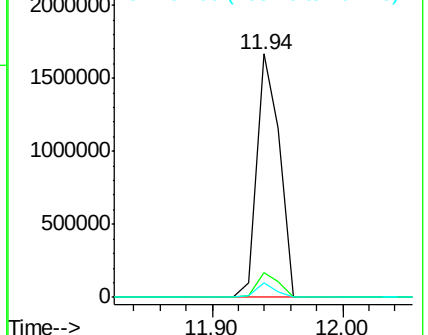
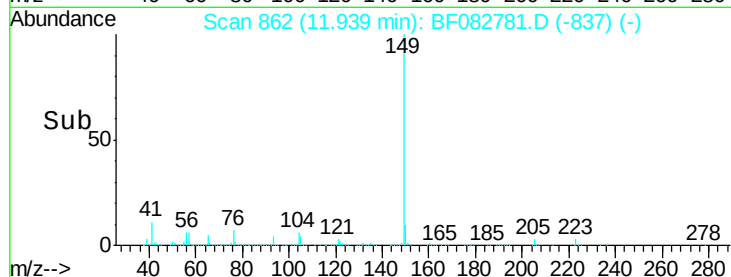
104 6.0 5.2 7.8



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: 45.83 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

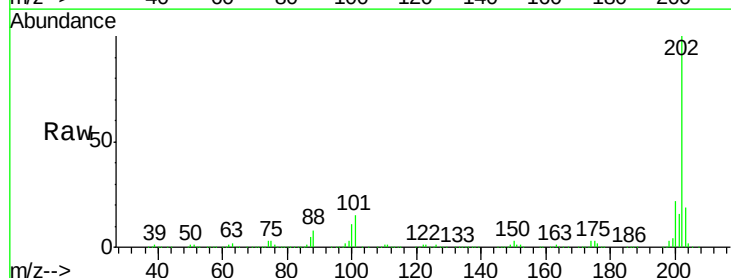
Tgt Ion:202 Resp: 2226583

Ion Ratio Lower Upper

202 100

101 14.5 0.0 30.5

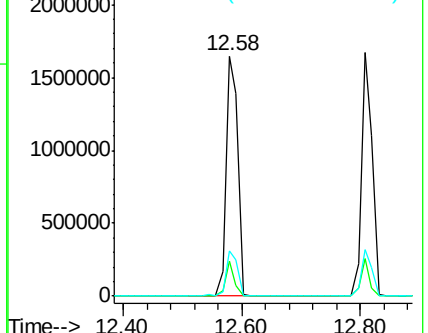
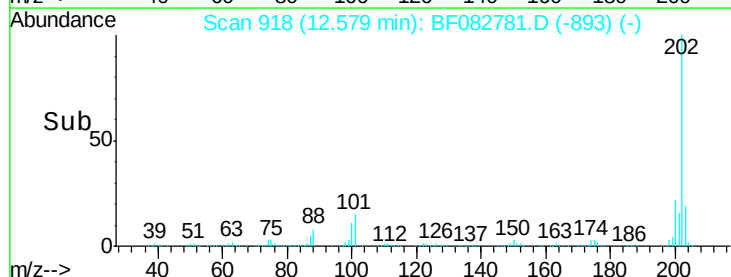
203 19.0 0.0 38.5

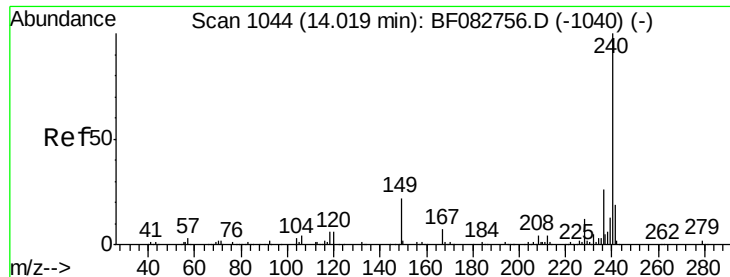


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

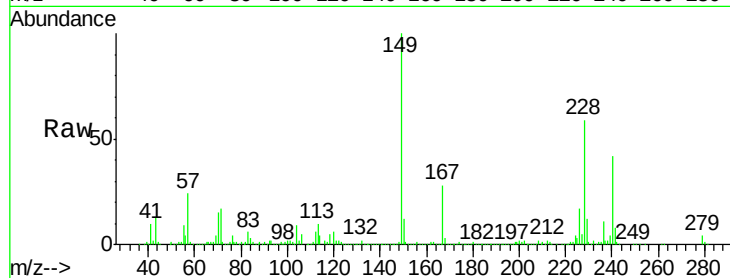
Tgt Ion:240 Resp: 644247

Ion Ratio Lower Upper

240 100

120 14.5 10.9 16.3

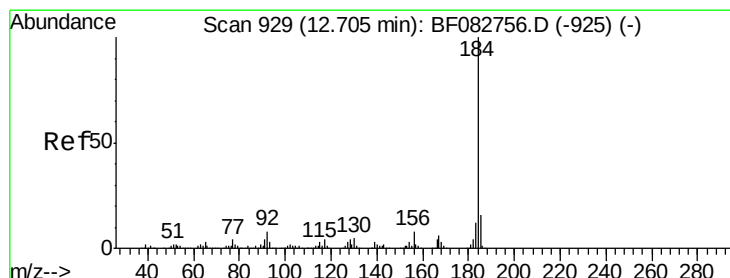
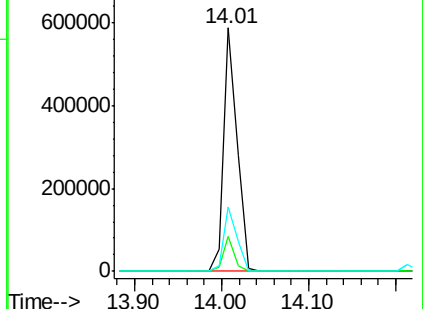
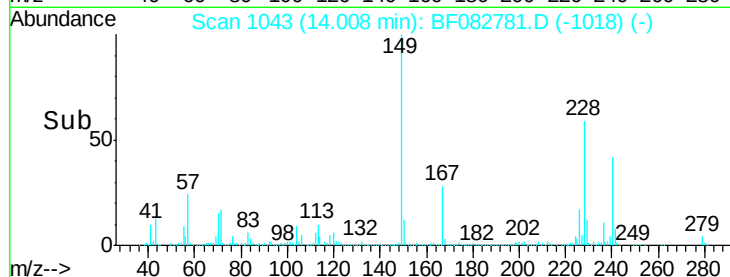
236 26.6 21.6 32.4



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: 33.92 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

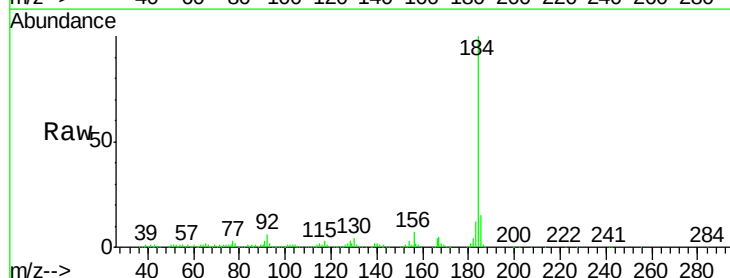
Tgt Ion:184 Resp: 732340

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

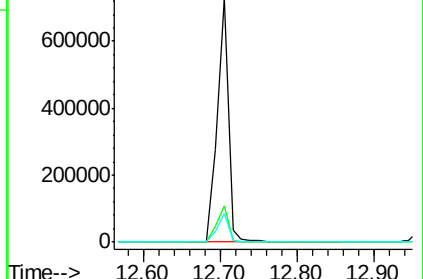
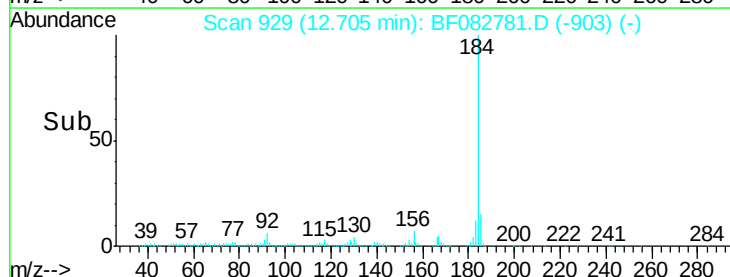
183 11.8 9.6 14.4

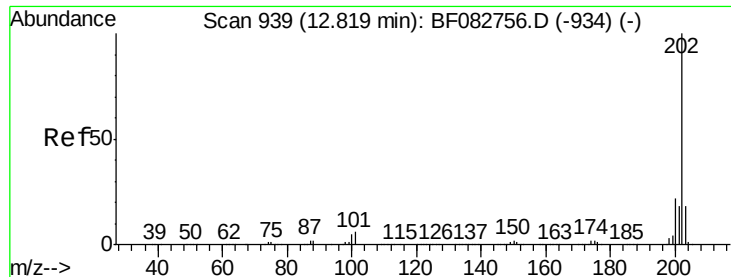


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



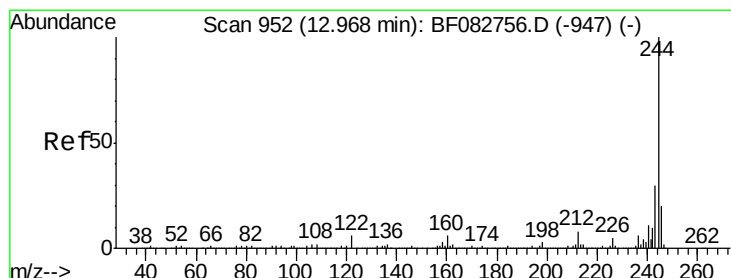
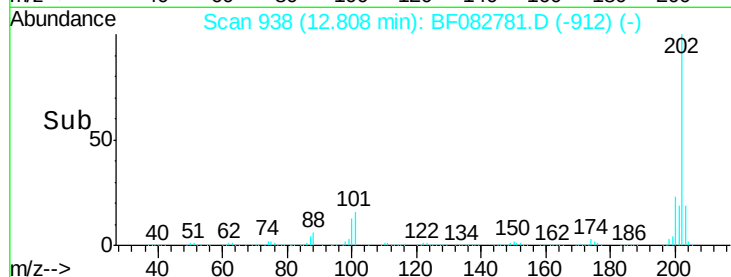
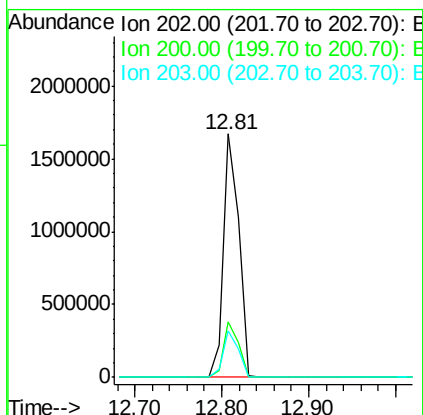
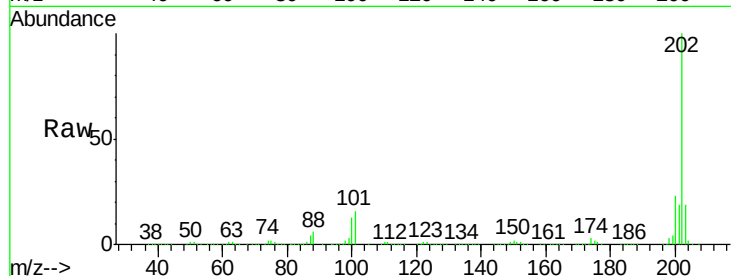


#77
Pyrene
 Concen: 46.74 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

Tgt Ion: 202 Resp: 2067923

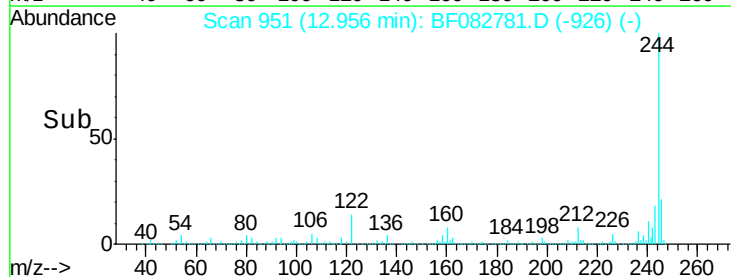
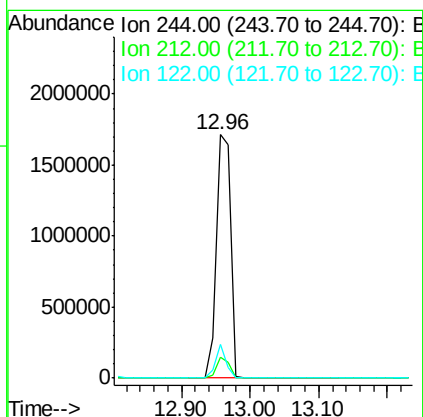
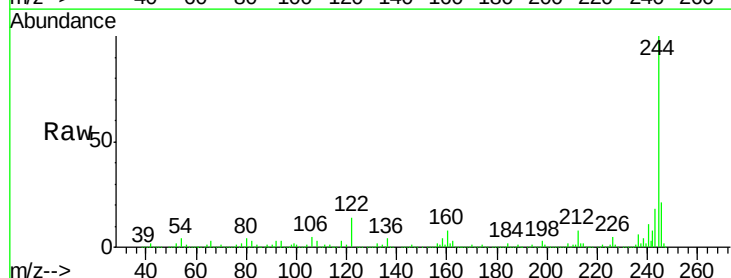
Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.7	28.1
203	19.1	14.8	22.2

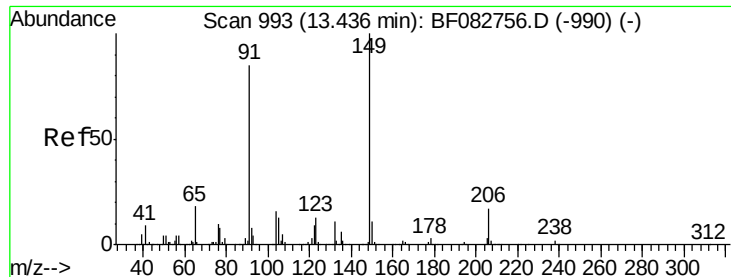


#78
Terphenyl-d14
 Concen: 92.74 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion: 244 Resp: 2519167

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	13.8	11.3	16.9

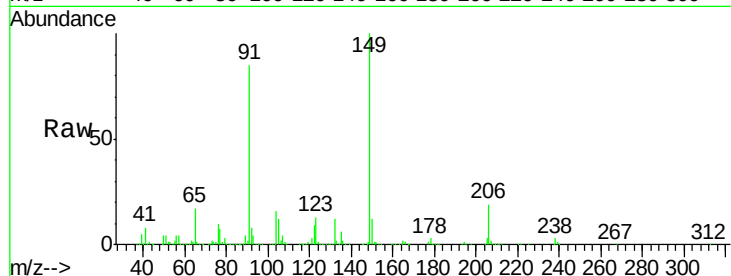




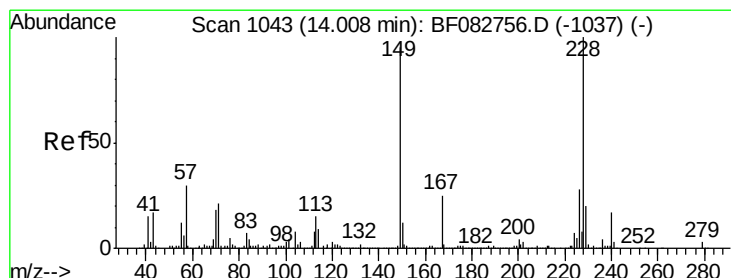
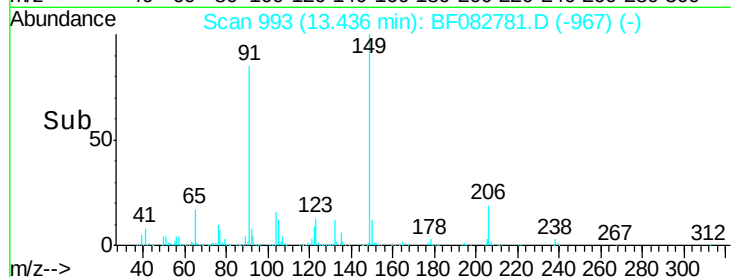
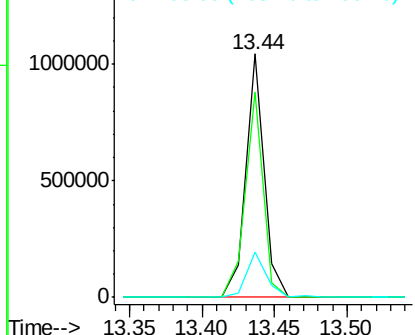
#79
Butylbenzylphthalate
Concen: 46.82 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Tgt Ion:149 Resp: 915083
Ion Ratio Lower Upper
149 100
91 84.5 67.7 101.5
206 18.5 14.6 22.0

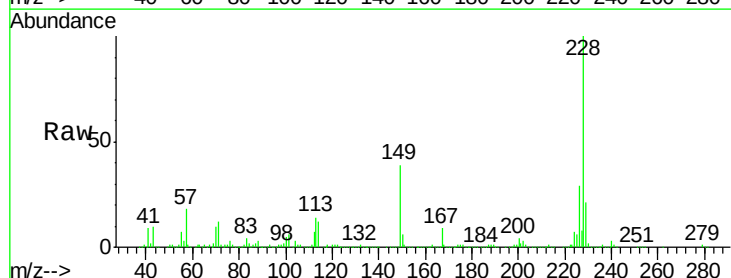


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

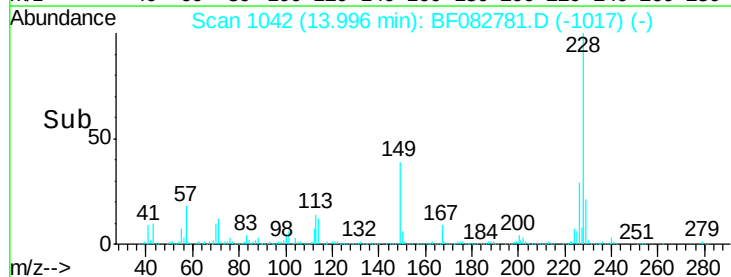
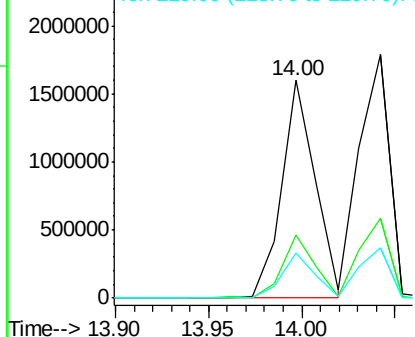


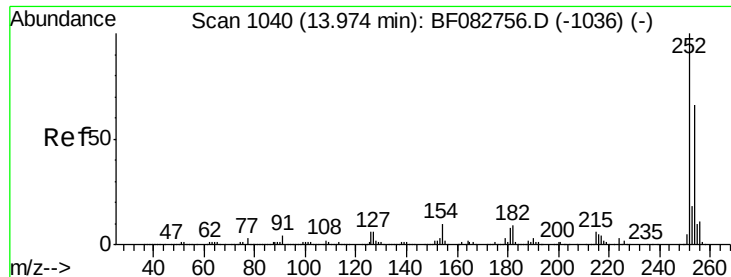
#80
Benzo(a)anthracene
Concen: 49.53 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:228 Resp: 1995453
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

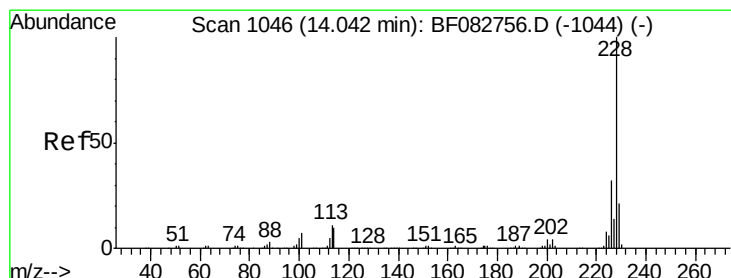
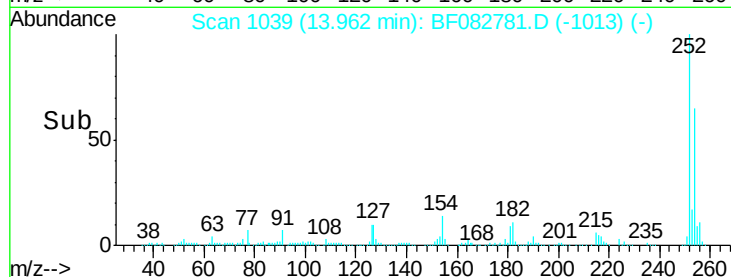
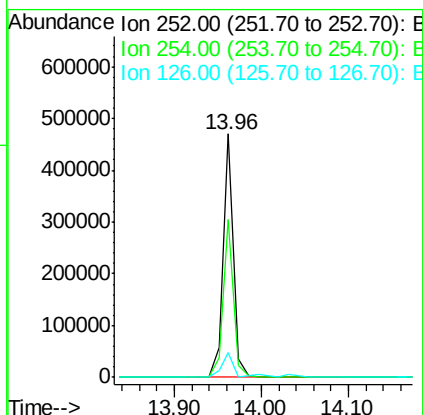
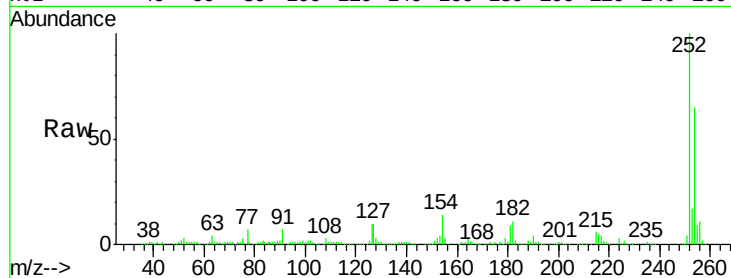




#81
 3,3'-Dichlorobenzidine
 Concen: 27.35 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

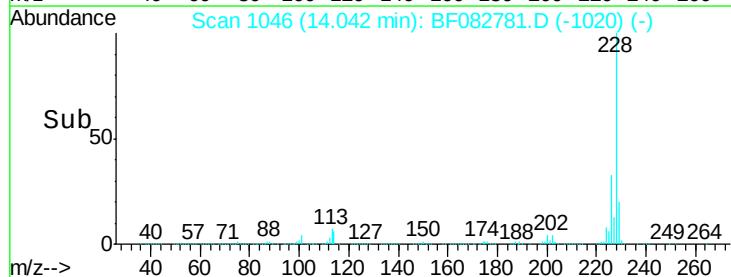
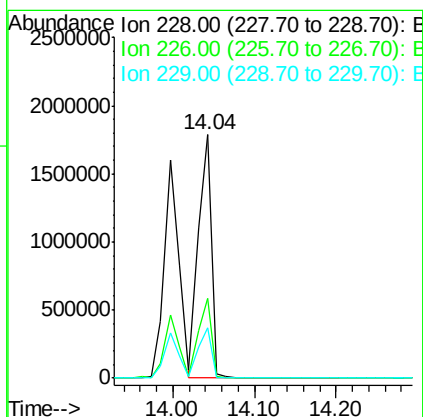
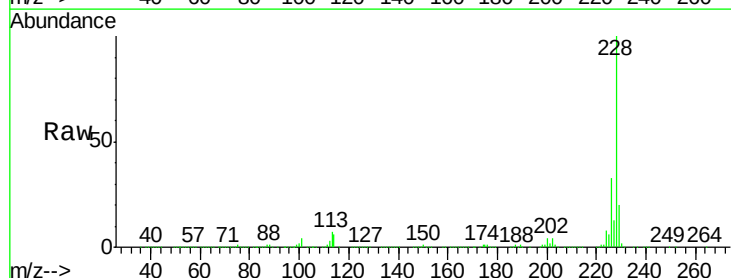
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MSD

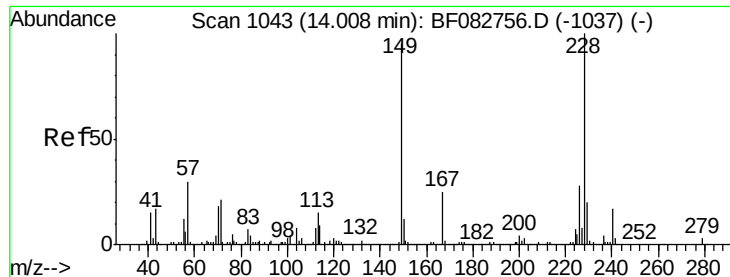
Tgt Ion:252 Resp: 391790
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 10.3 10.7 16.1#



#82
 Chrysene
 Concen: 55.03 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082781.D
 Acq: 7 Nov 2015 00:49

Tgt Ion:228 Resp: 2030544
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.5 38.3
 229 20.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.13 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

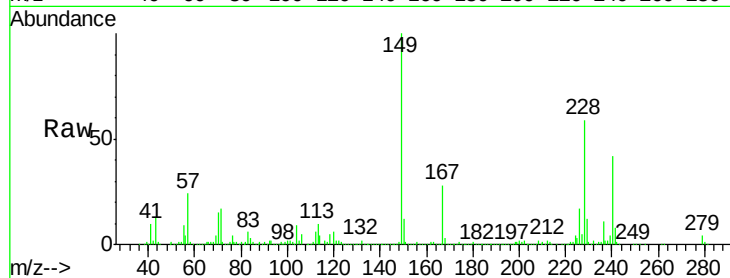
Tgt Ion:149 Resp: 1421260

Ion Ratio Lower Upper

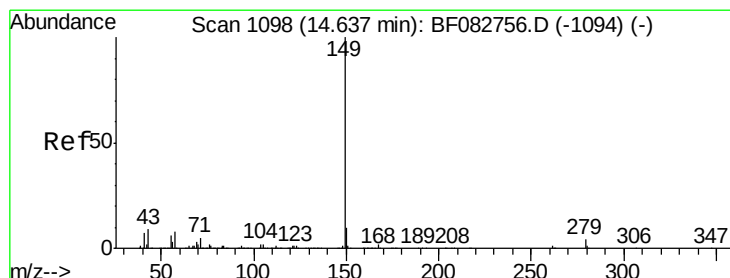
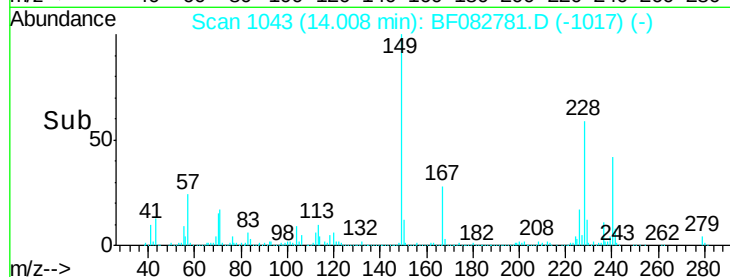
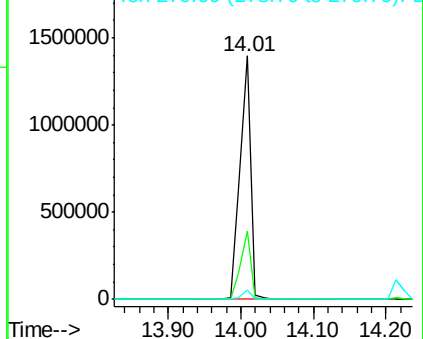
149 100

167 28.2 21.2 31.8

279 4.0 2.2 3.2#



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: 51.69 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

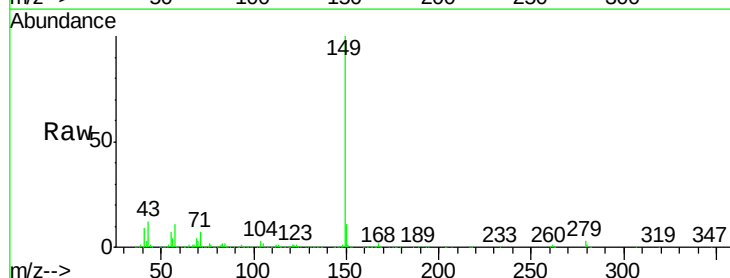
Tgt Ion:149 Resp: 2306548

Ion Ratio Lower Upper

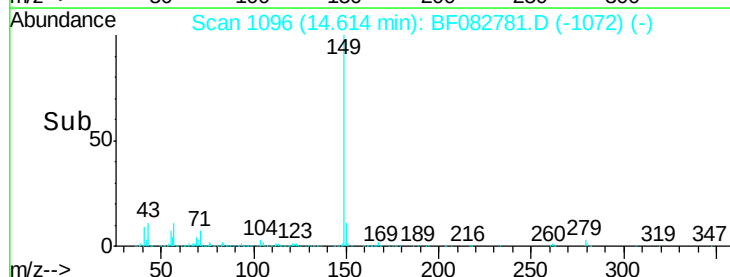
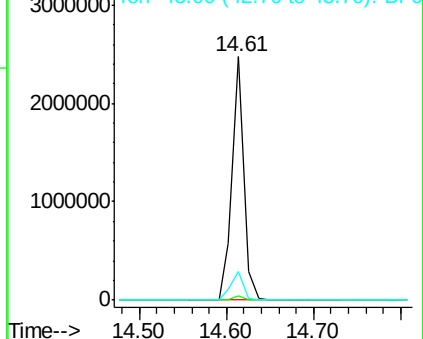
149 100

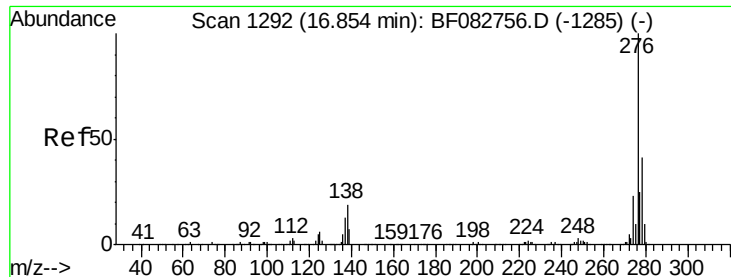
167 1.7 1.3 1.9

43 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.72 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

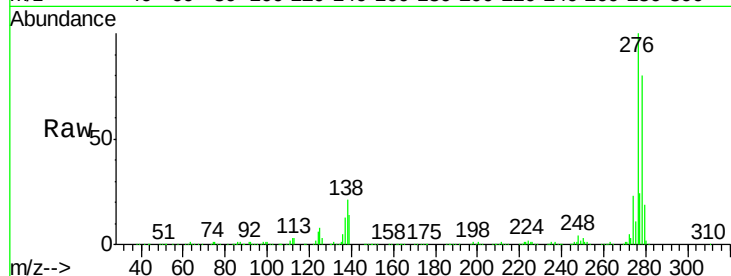
Tgt Ion:276 Resp: 1325713

Ion Ratio Lower Upper

276 100

138 21.4 15.3 22.9

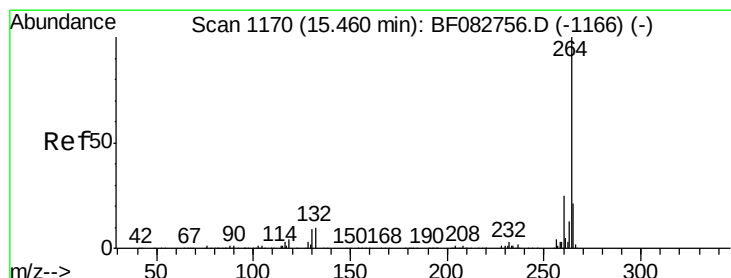
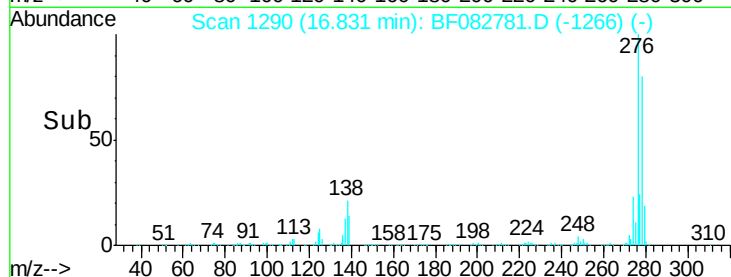
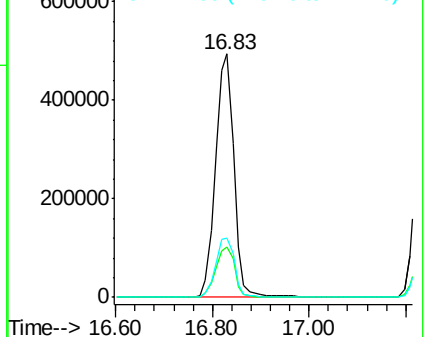
277 25.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

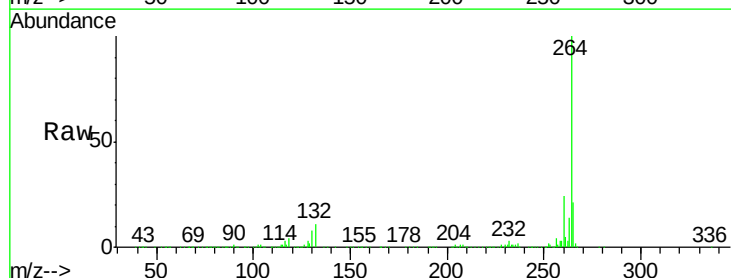
Tgt Ion:264 Resp: 552685

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

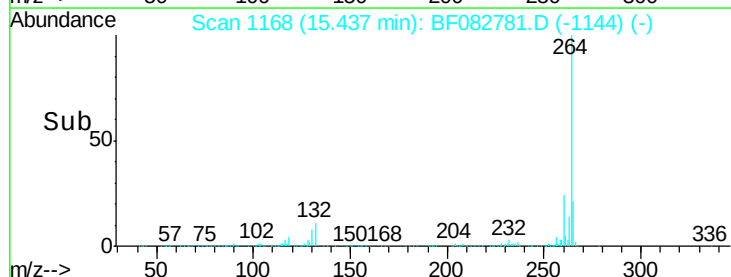
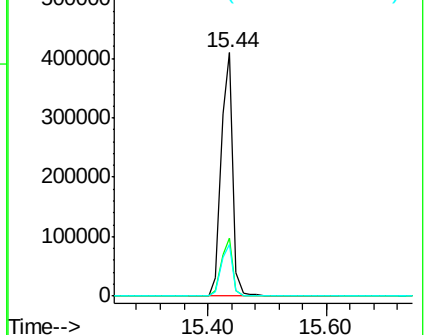
265 21.0 17.4 26.0

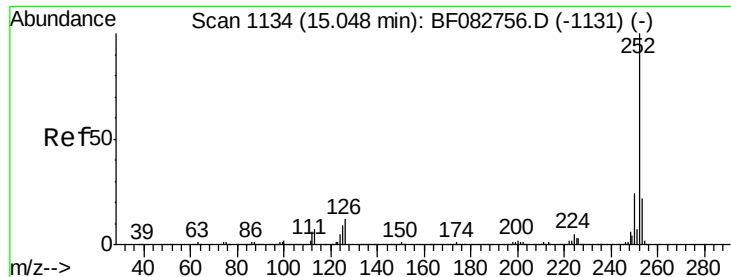


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

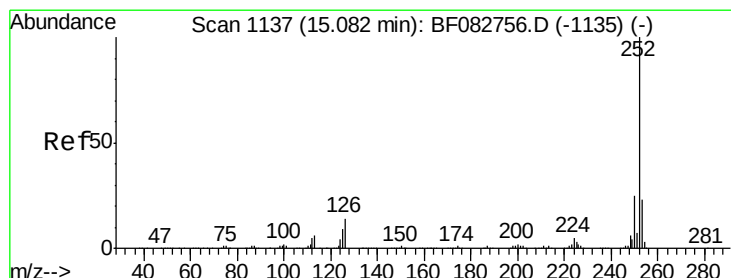
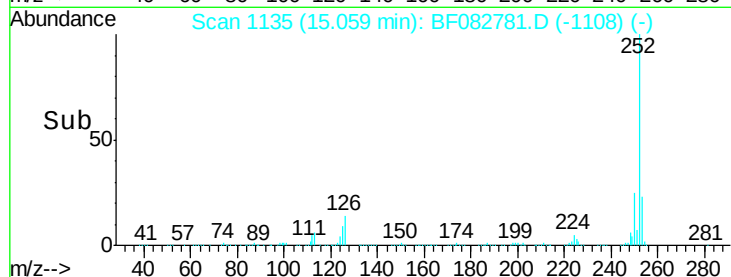
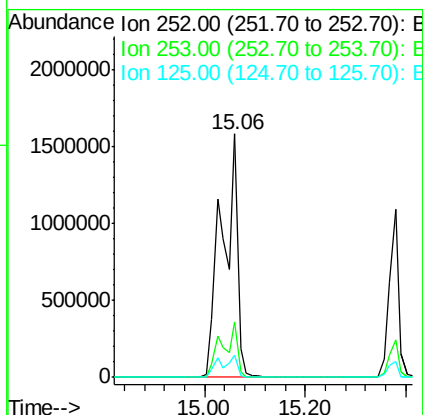
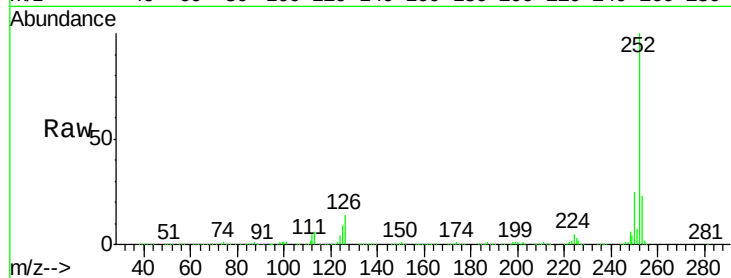




#87
Benzo(b)fluoranthene
Concen: 96.80 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

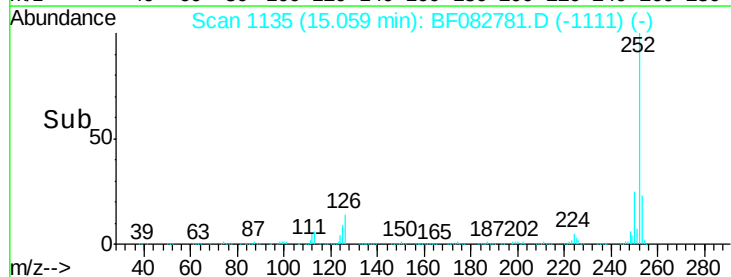
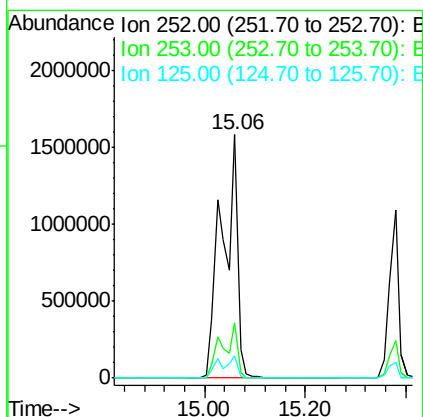
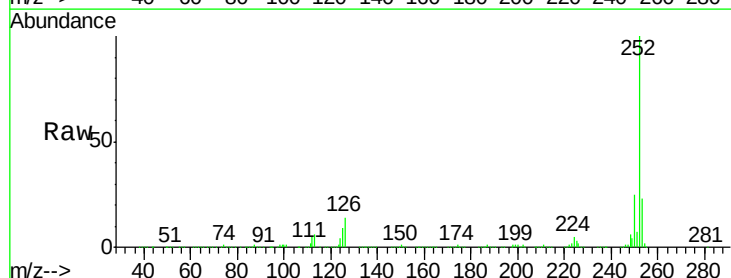
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

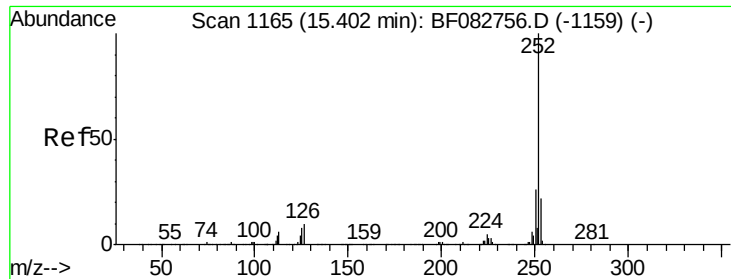
Tgt Ion:252 Resp: 3434001
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 109.12 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082781.D
Acq: 7 Nov 2015 00:49

Tgt Ion:252 Resp: 3434001
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.1 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 45.64 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

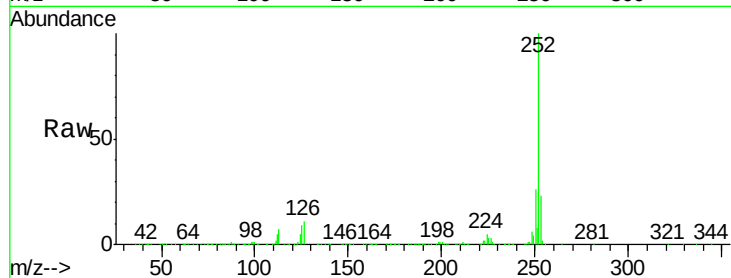
Tgt Ion:252 Resp: 1402651

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

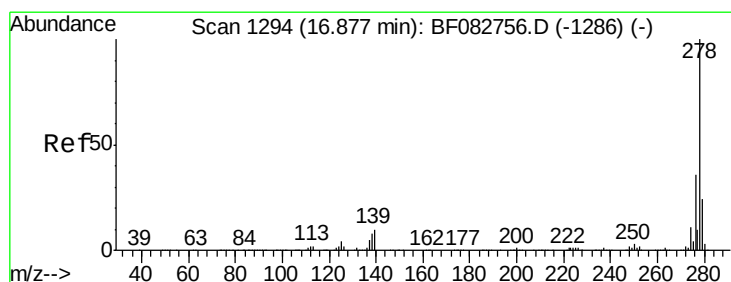
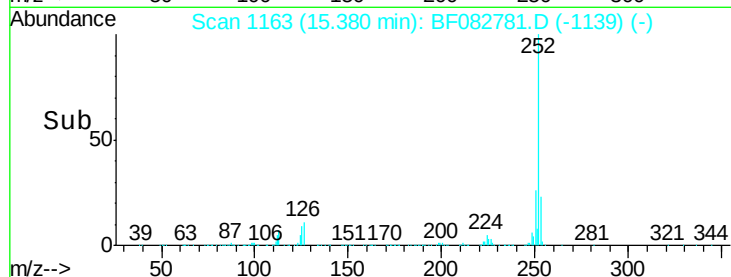
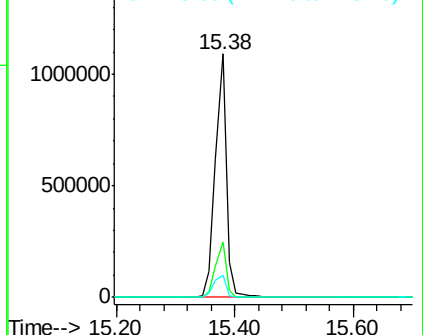
125 9.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.13 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

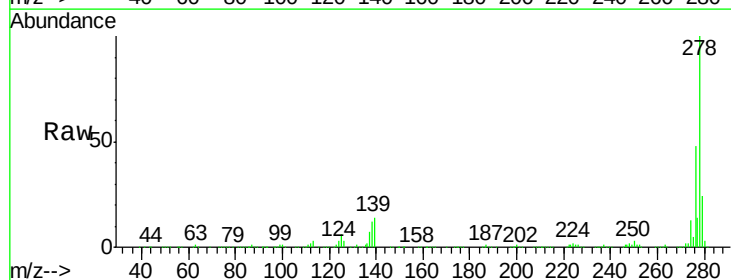
Tgt Ion:278 Resp: 1096454

Ion Ratio Lower Upper

278 100

139 14.0 9.9 14.9

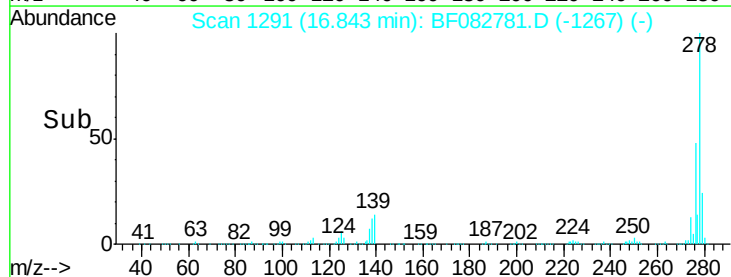
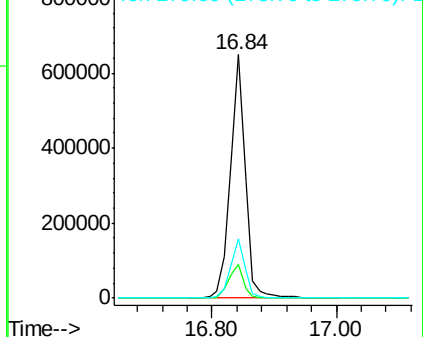
279 24.5 19.6 29.4

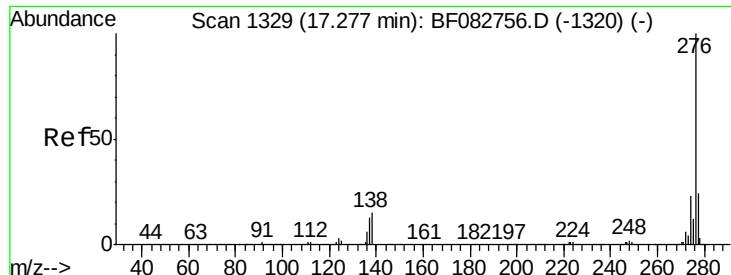


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.49 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF082781.D

Acq: 7 Nov 2015 00:49

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MSD

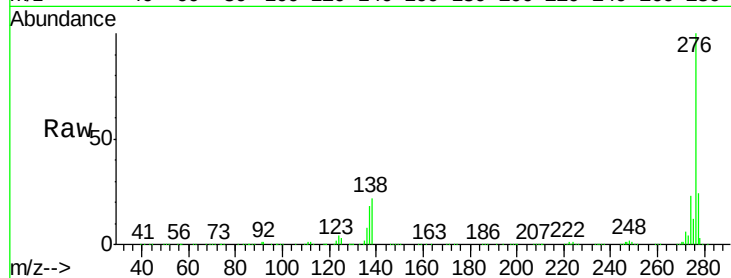
Tgt Ion:276 Resp: 1358288

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 22.2 13.1 19.7#



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

