

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083473.D
 Acq On : 3 Dec 2015 21:50
 Operator : UM/IZ
 Sample : G4608-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Quant Time: Dec 04 00:33:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	186637	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	685851	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	342398	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	539944	20.00	ng	-0.03
75) Chrysene-d12	14.72	240	401458	20.00	ng	-0.05
86) Perylene-d12	16.77	264	340487	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1135275	91.28	ng	-0.01
7) Phenol-d6	6.20	99	1458565	85.68	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1058063	67.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	271170	78.89	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1428450	59.45	ng	-0.02
78) Terphenyl-d14	13.19	244	999470	59.37	ng	-0.03

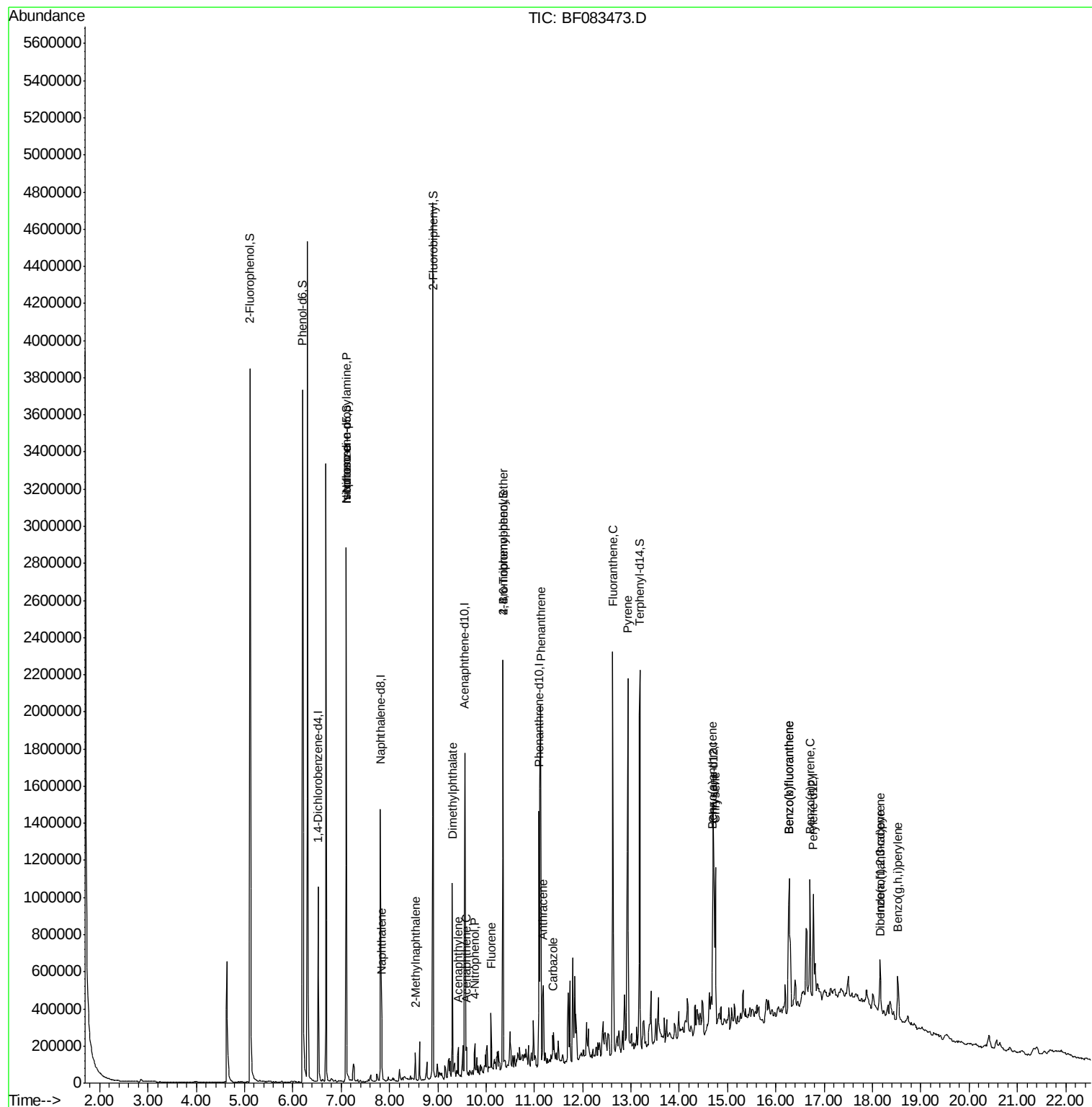
Target Compounds				Qvalue			
9) Benzaldehyde	6.20	77	2135	Below Cal	#	23	
19) n-Nitroso-di-n-propylamine	7.10	70	143970	11.83	ng	#	79
25) Isophorone	7.10	82	764317	25.29	ng	#	70
31) Naphthalene	7.84	128	129876	3.49	ng		97
37) 2-Methylnaphthalene	8.53	142	52544	2.11	ng		98
48) Acenaphthylene	9.42	152	74752	2.05	ng		96
49) Dimethylphthalate	9.30	163	386701	13.90	ng		99
51) Acenaphthene	9.60	154	46906	2.18	ng		93
55) 4-Nitrophenol	9.77	139	21883	5.02	ng	#	1
57) Fluorene	10.10	166	85013	3.42	ng		95
66) 4-Bromophenyl-phenylether	10.35	248	18476	3.13	ng	#	1
70) Phenanthrene	11.13	178	1037308	32.46	ng		100
71) Anthracene	11.18	178	235789	7.33	ng		98
72) Carbazole	11.38	167	77392	2.68	ng		99
74) Fluoranthene	12.63	202	1119300	33.79	ng		98
77) Pyrene	12.93	202	1013579	36.15	ng		97
80) Benzo(a)anthracene	14.69	228	495471	20.14	ng		96
82) Chrysene	14.75	228	476221	20.04	ng		97
85) Indeno(1,2,3-cd)pyrene	18.16	276	186902	10.80	ng		93
87) Benzo(b)fluoranthene	16.27	252	649322	29.72	ng		99
88) Benzo(k)fluoranthene	16.27	252	649322	31.48	ng	#	95
89) Benzo(a)pyrene	16.71	252	348246	18.56	ng	#	95
90) Dibenzo(a,h)anthracene	18.17	278	58850	3.60	ng	#	87
91) Benzo(g,h,i)perylene	18.52	276	173233	10.79	ng	#	94

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

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ClientSampleId :
CWC-MISC-4-20151130

Quant Time: Dec 04 00:33:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130

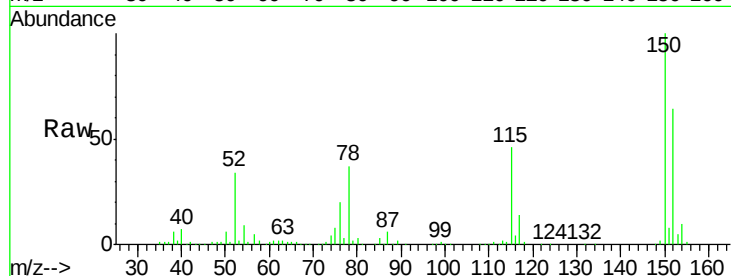
Tgt Ion:152 Resp: 186637

Ion Ratio Lower Upper

152 100

150 157.5 129.8 194.8

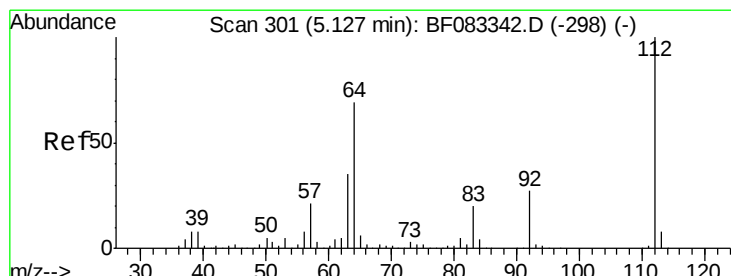
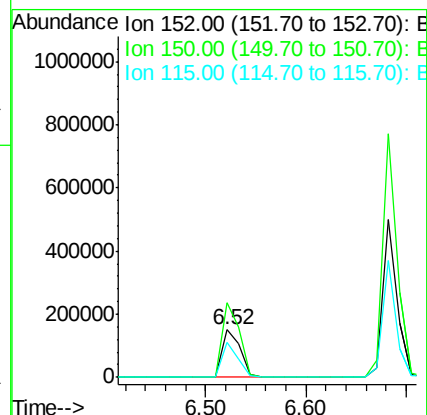
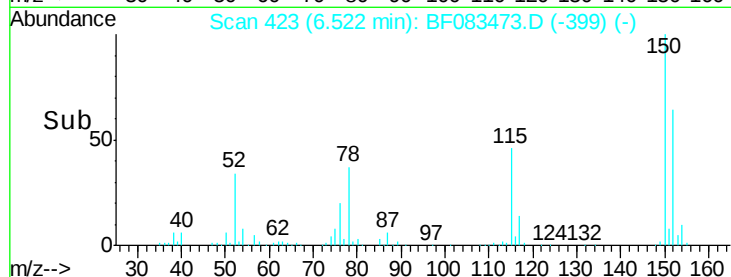
115 72.4 59.2 88.8



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



#5

2-Fluorophenol

Concen: 91.28 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

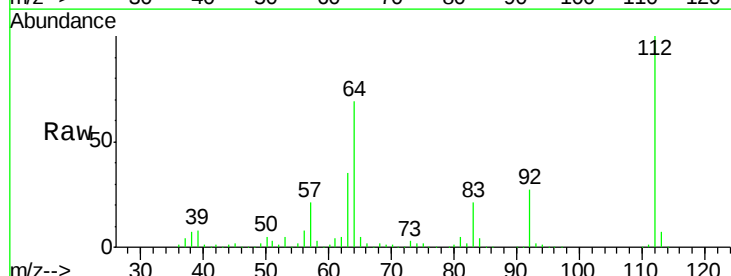
Tgt Ion:112 Resp: 1135275

Ion Ratio Lower Upper

112 100

64 68.5 55.6 83.4

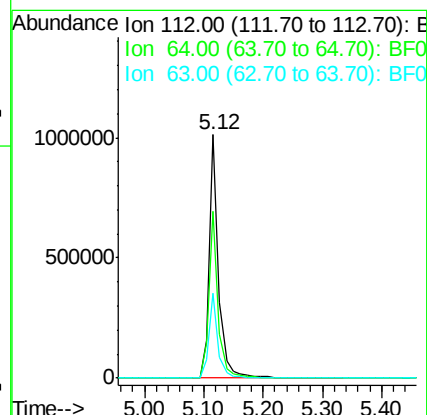
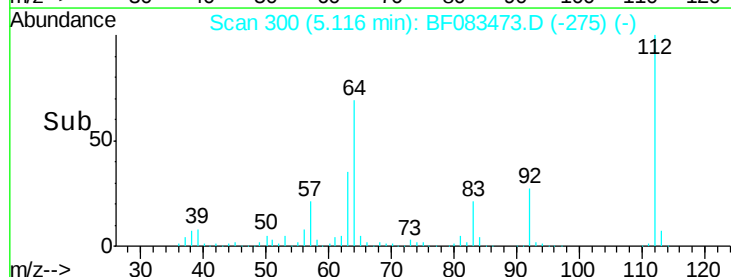
63 34.9 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.68 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

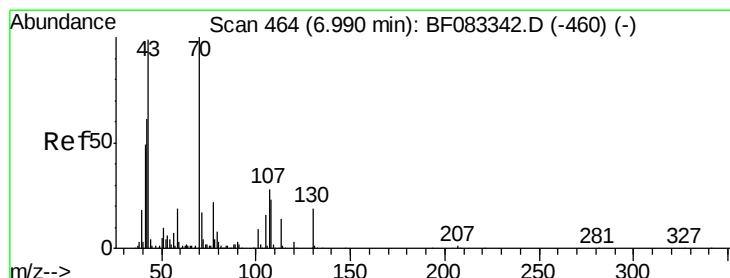
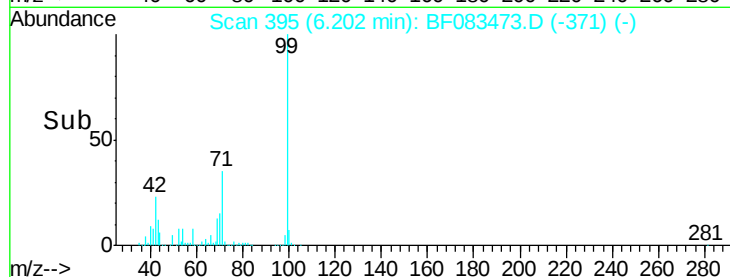
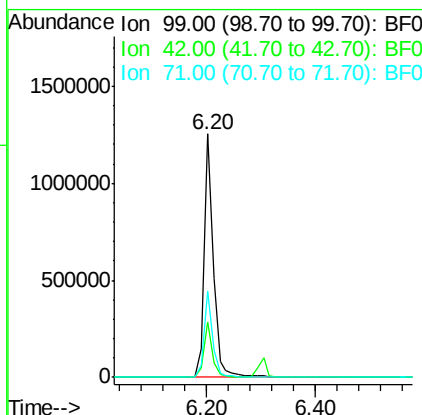
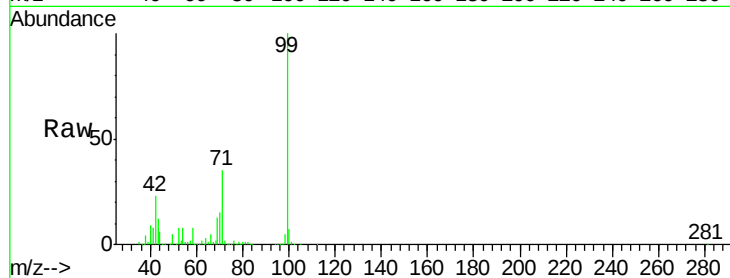
BNA_F

ClientSampleId :

CWC-MISC-4-20151130

Tgt Ion: 99 Resp: 1458565

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.9	22.3#
71	35.3	24.7	37.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.83 ng

RT: 7.10 min Scan# 474

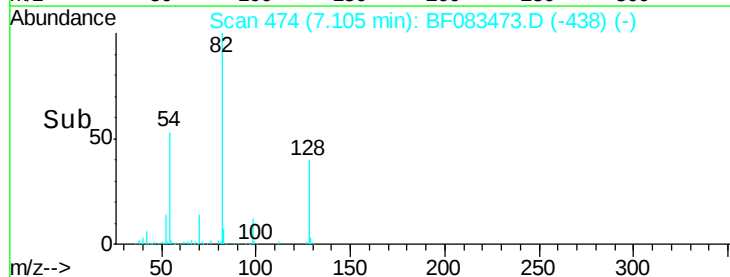
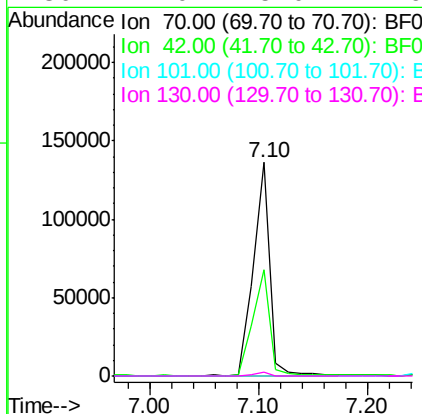
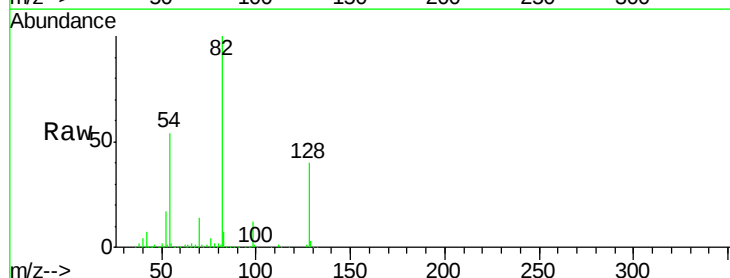
Delta R.T. 0.11 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Tgt Ion: 70 Resp: 143970

Ion	Ratio	Lower	Upper
70	100		
42	49.6	48.8	73.2
101	0.0	7.1	10.7#
130	2.0	15.0	22.6#

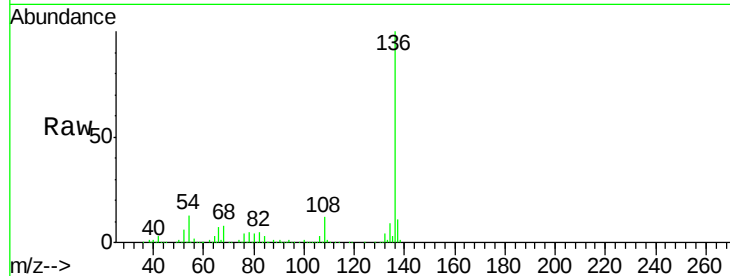




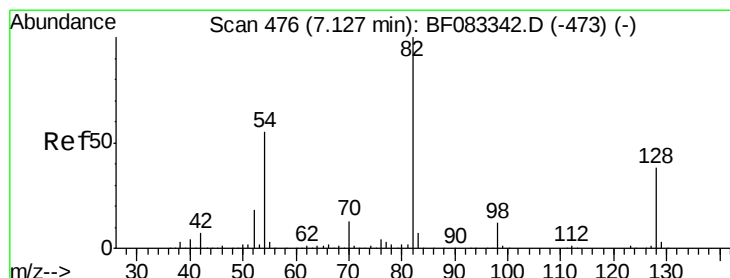
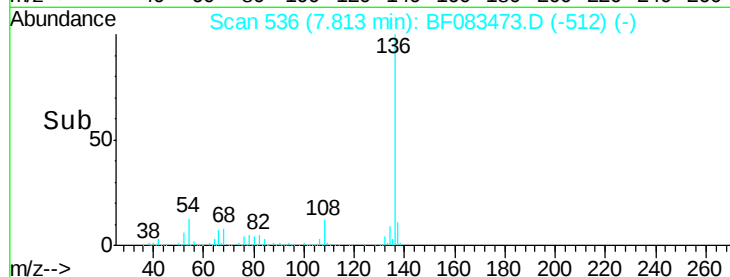
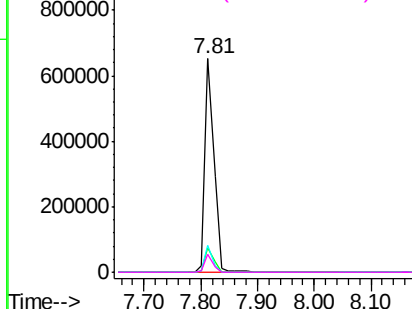
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:	136	Resp:	685851
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	12.7	10.1	15.1
68	8.4	7.1	10.7

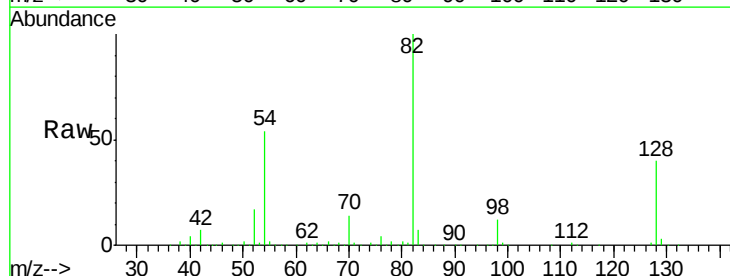


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

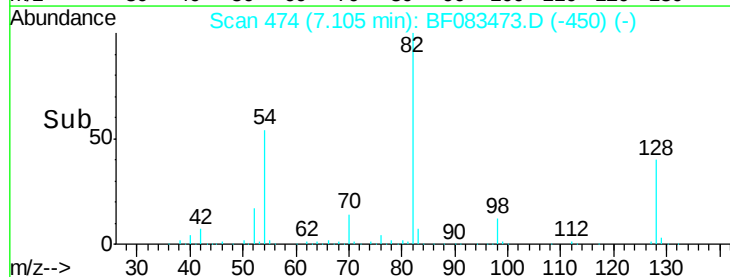
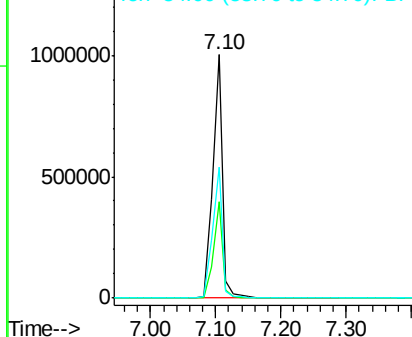


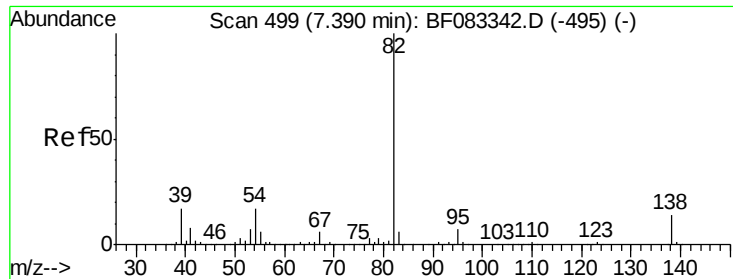
#23
Nitrobenzene-d5
Concen: 67.82 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:	82	Resp:	1058063
Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	46.0
54	53.8	43.8	65.6



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

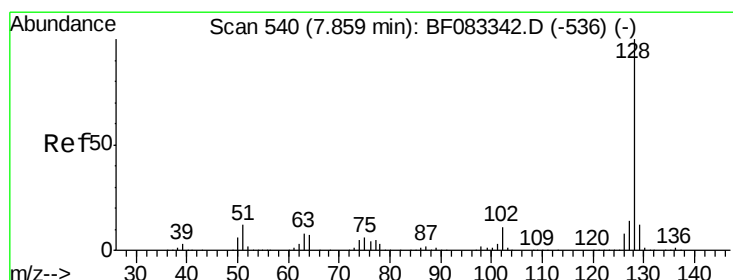
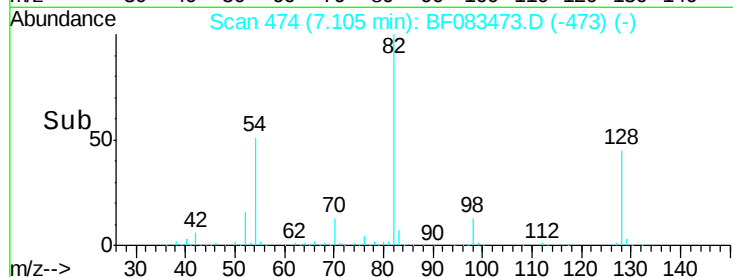
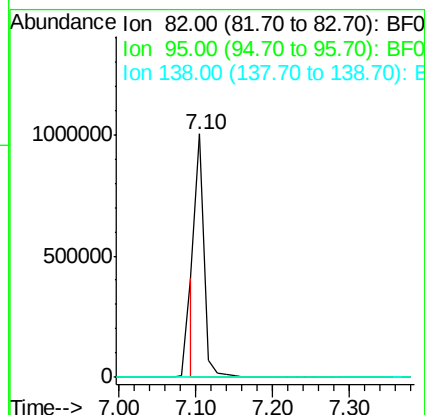
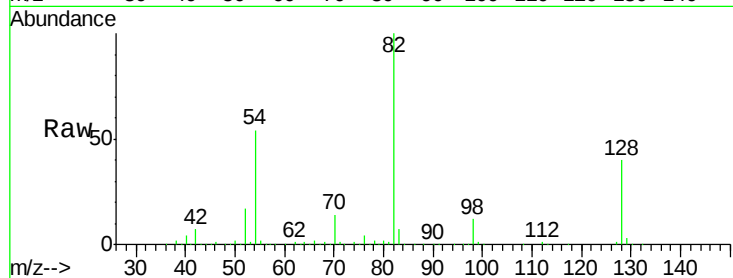




#25
Isophorone
Concen: 25.29 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

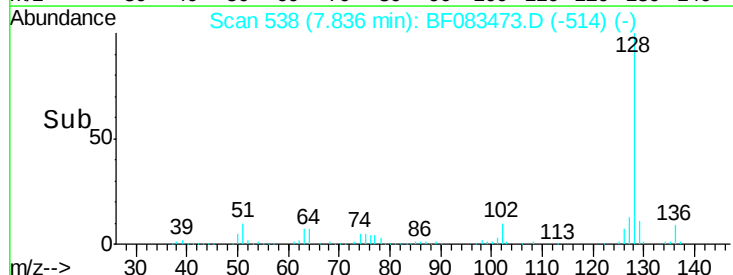
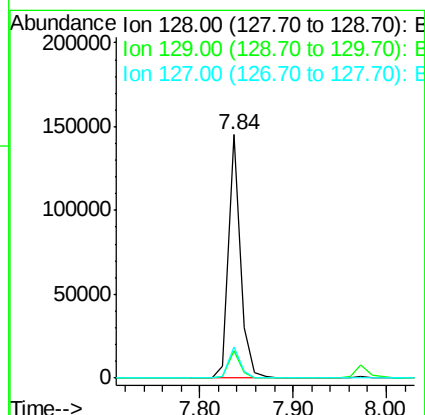
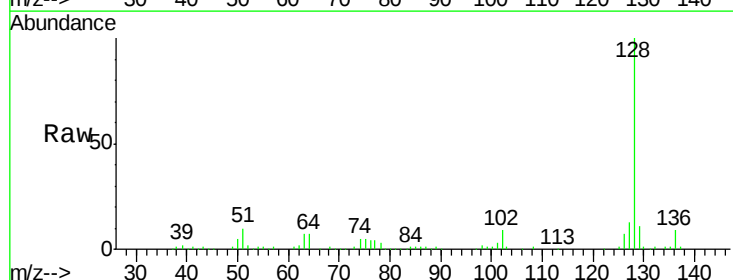
Instrument :
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ClientSampleId :
CWC-MISC-4-20151130

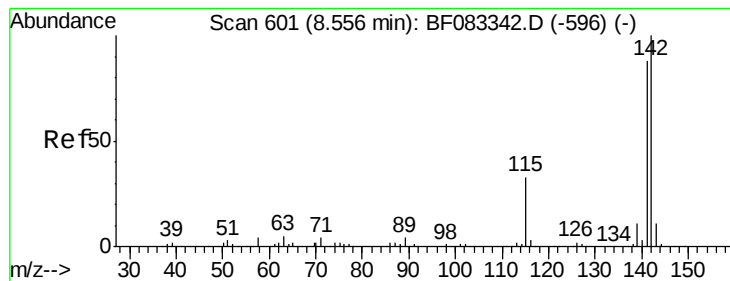
Tgt Ion: 82 Resp: 764317
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 11.6 17.4#



#31
Naphthalene
Concen: 3.49 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion: 128 Resp: 129876
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 12.6 11.0 16.4





#37

2-Methylnaphthalene

Concen: 2.11 ng

RT: 8.53 min Scan# 599

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130

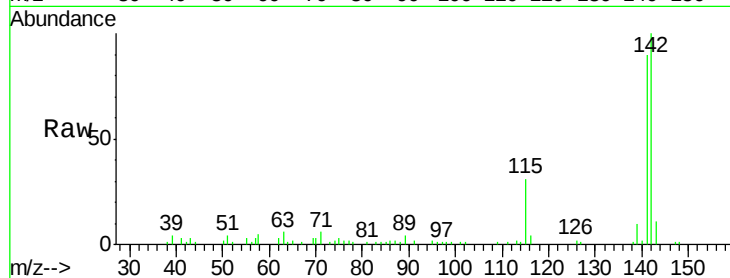
Tgt Ion:142 Resp: 52544

Ion Ratio Lower Upper

142 100

141 90.2 70.6 105.8

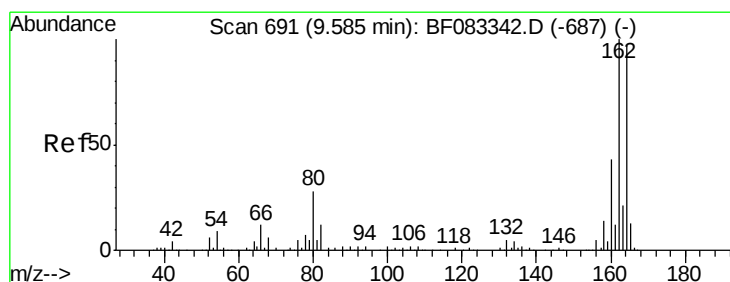
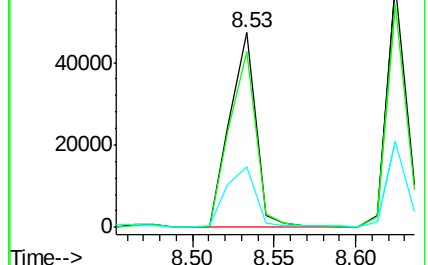
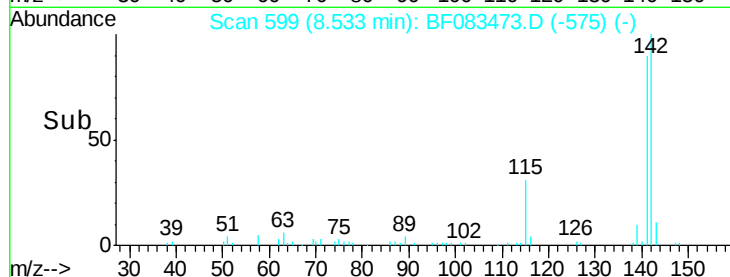
115 31.1 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

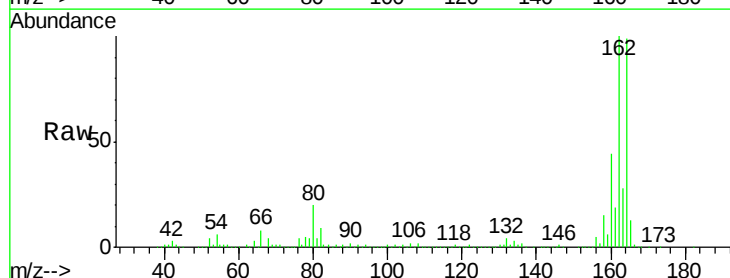
Tgt Ion:164 Resp: 342398

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

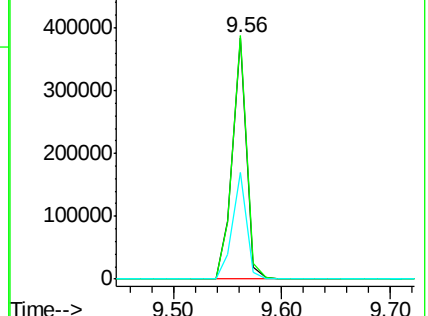
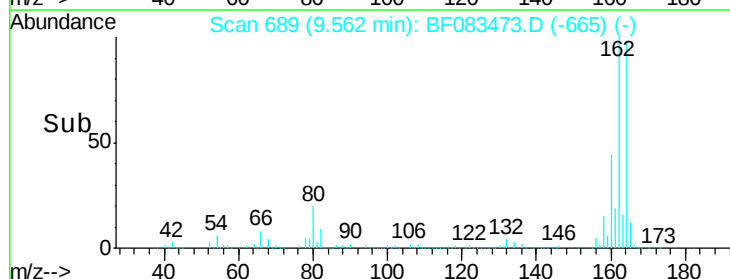
160 44.5 35.3 52.9

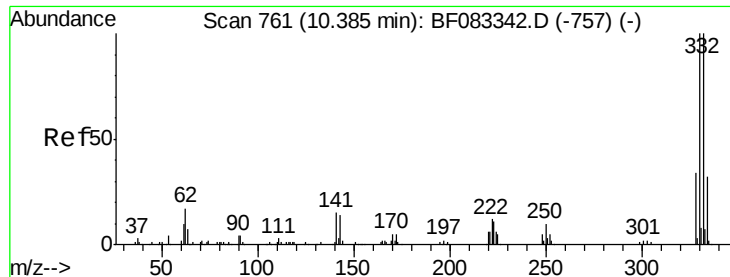


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

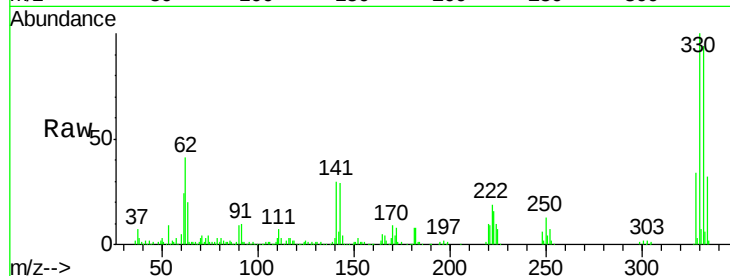




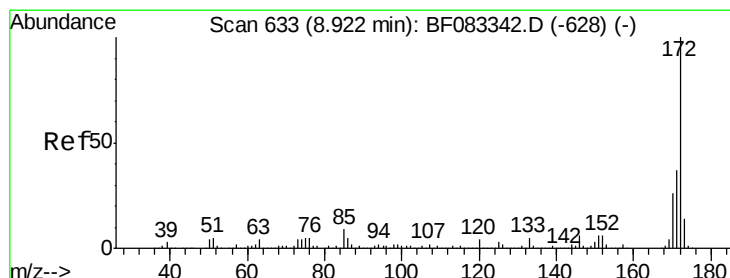
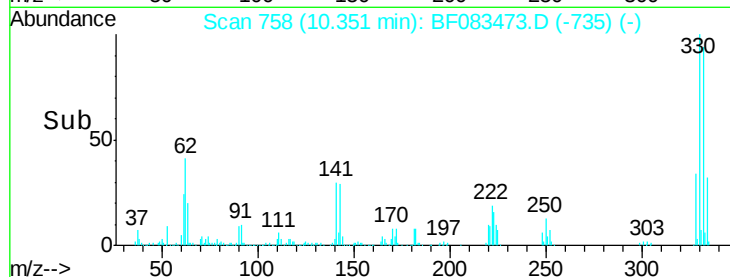
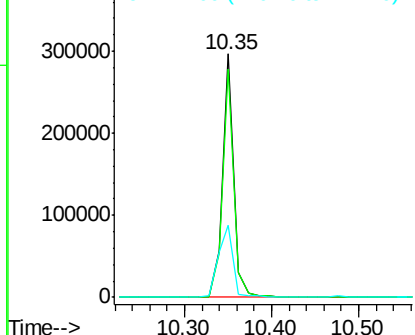
#41
 2,4,6-Tribromophenol
 Concen: 78.89 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	37.9	29.4	44.0

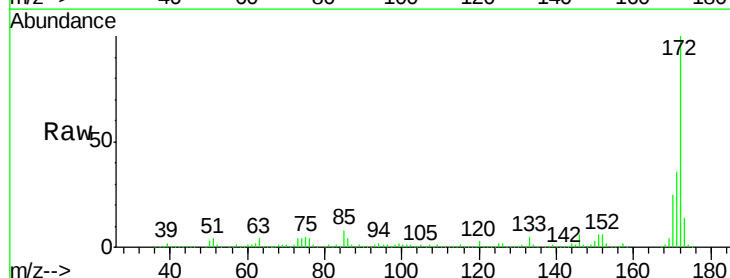


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

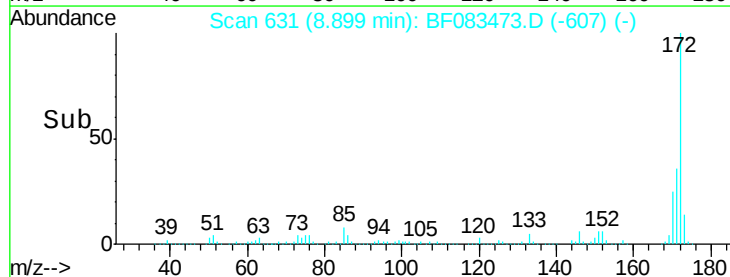
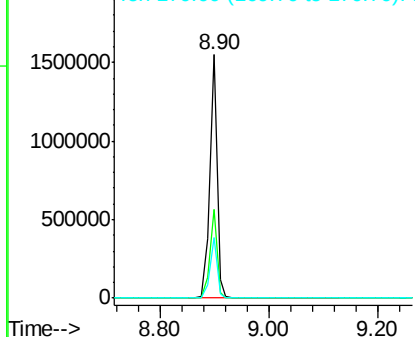


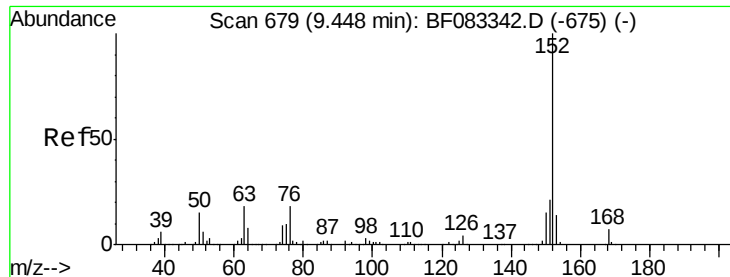
#44
 2-Fluorobiphenyl
 Concen: 59.45 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.4	30.6



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





#48

Acenaphthylene

Concen: 2.05 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130

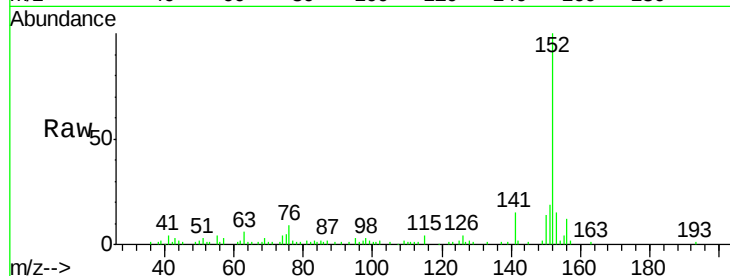
Tgt Ion:152 Resp: 74752

Ion Ratio Lower Upper

152 100

151 18.5 16.7 25.1

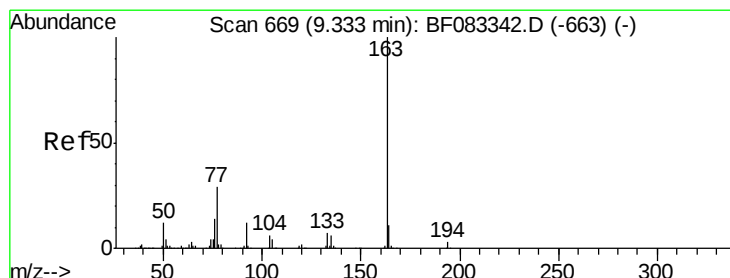
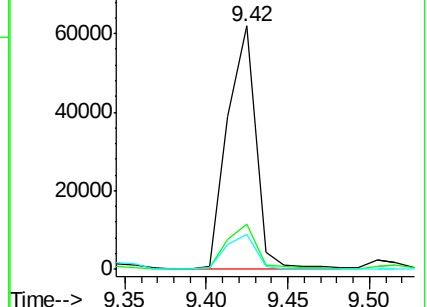
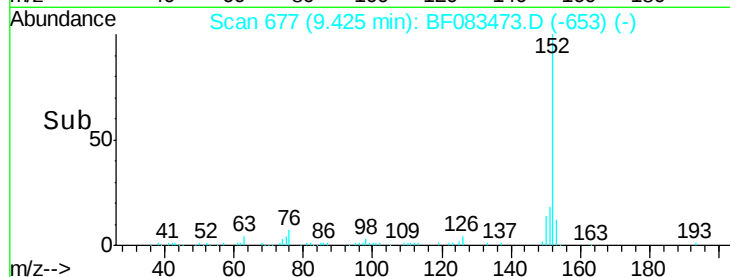
153 14.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 13.90 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

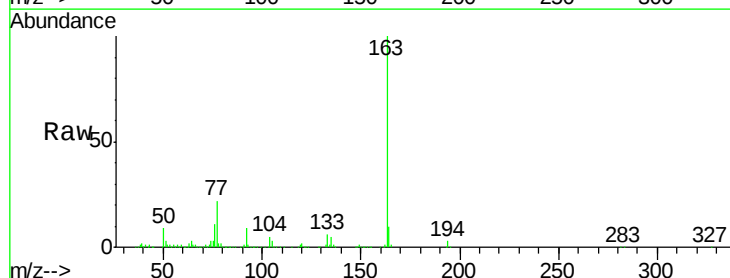
Tgt Ion:163 Resp: 386701

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

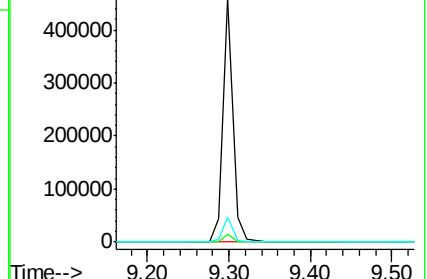
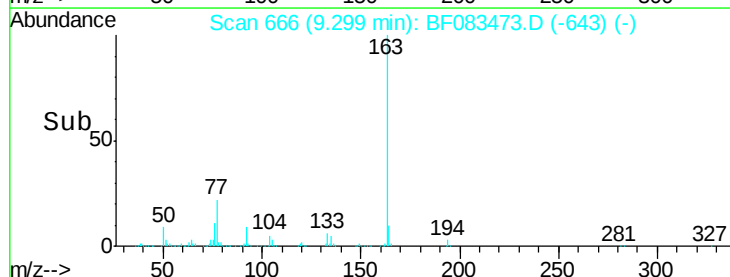
164 10.3 8.8 13.2

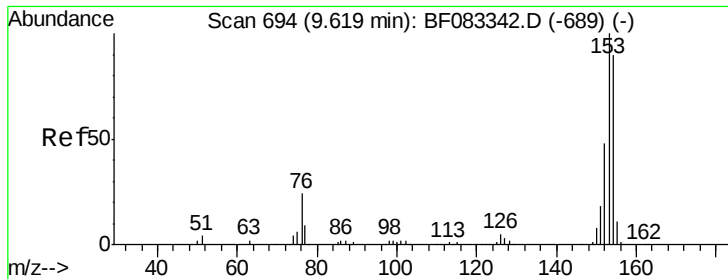


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.18 ng

RT: 9.60 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130

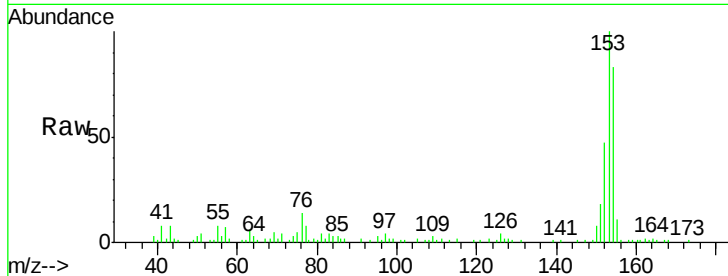
Tgt Ion:154 Resp: 46906

Ion Ratio Lower Upper

154 100

153 120.5 89.3 133.9

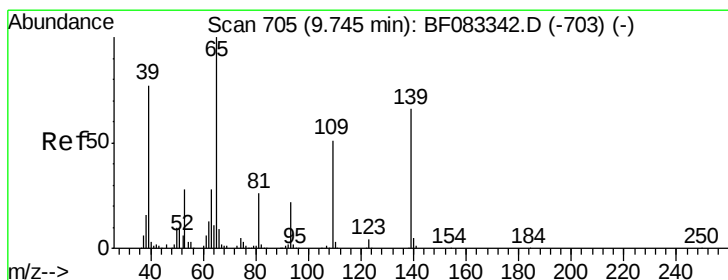
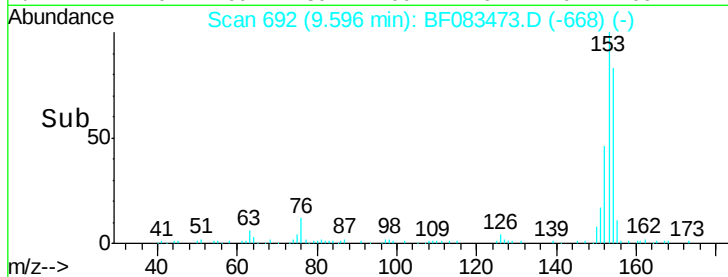
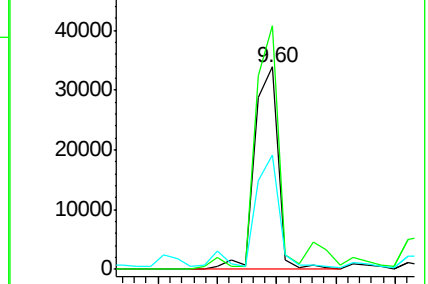
152 56.8 42.5 63.7



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



#55

4-Nitrophenol

Concen: 5.02 ng

RT: 9.77 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

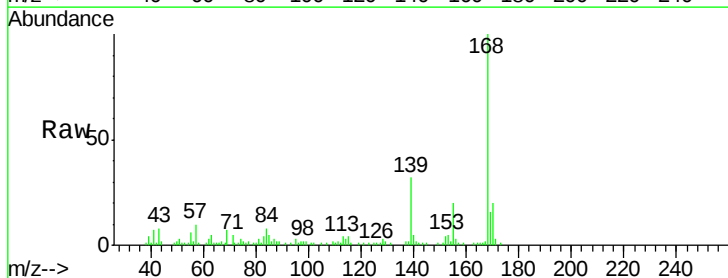
Tgt Ion:139 Resp: 21883

Ion Ratio Lower Upper

139 100

109 6.4 57.4 97.4#

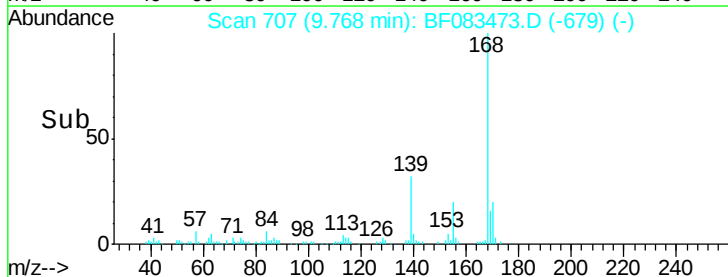
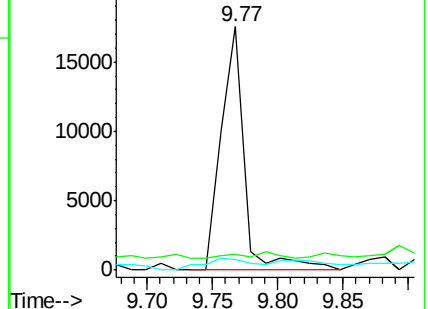
65 4.2 131.6 171.6#

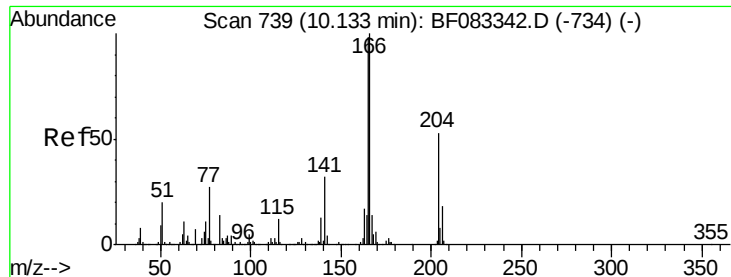


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

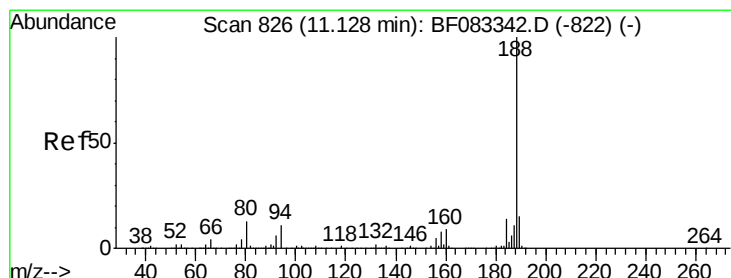
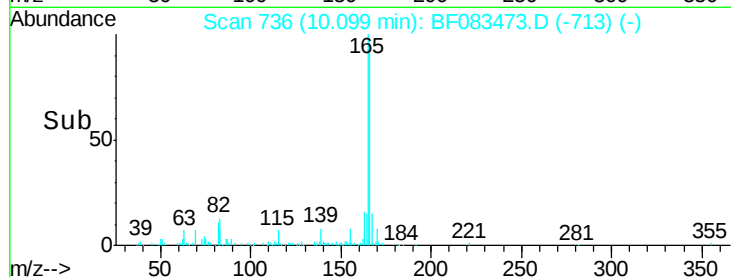
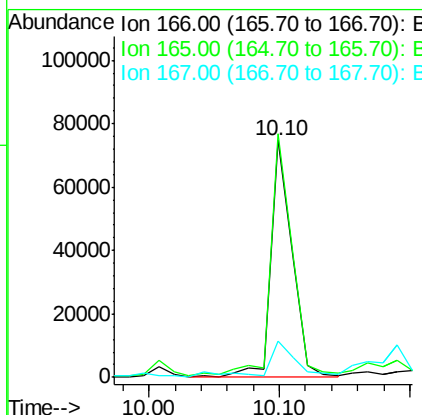
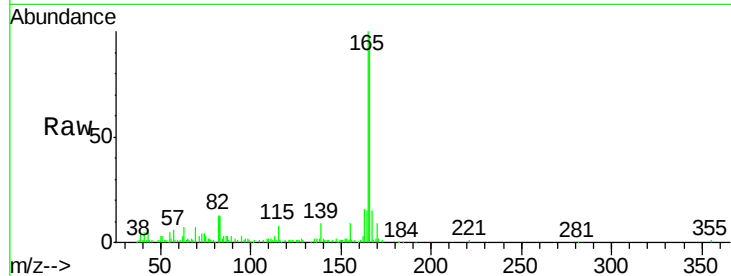




#57
 Fluorene
 Concen: 3.42 ng
 RT: 10.10 min Scan# 736
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

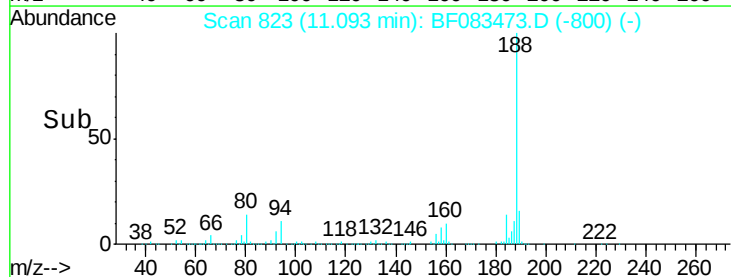
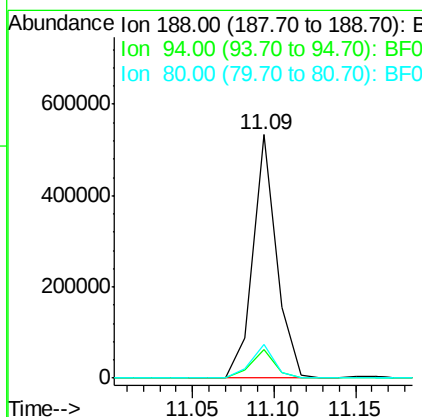
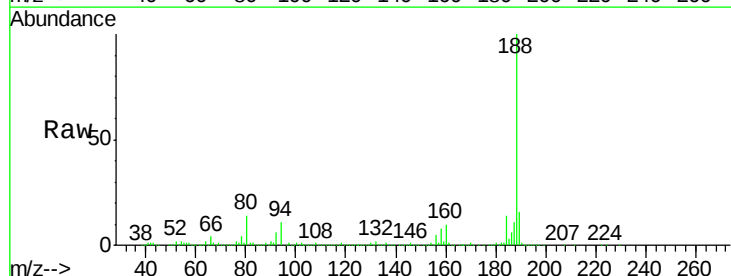
Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

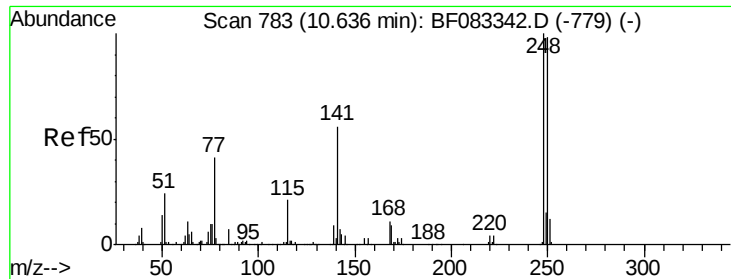
Tgt Ion:166 Resp: 85013
 Ion Ratio Lower Upper
 166 100
 165 102.8 78.3 117.5
 167 15.5 11.1 16.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion:188 Resp: 539944
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.7 13.1
 80 13.6 10.3 15.5

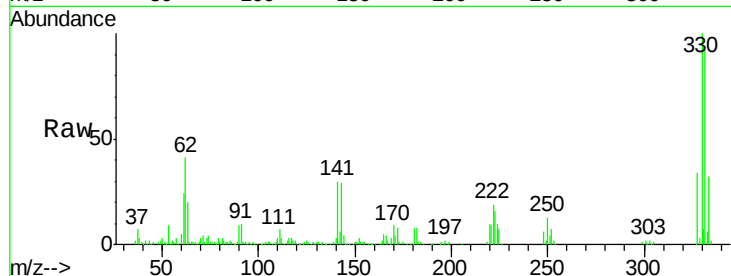




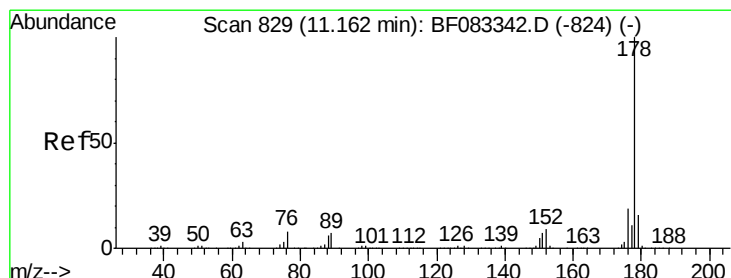
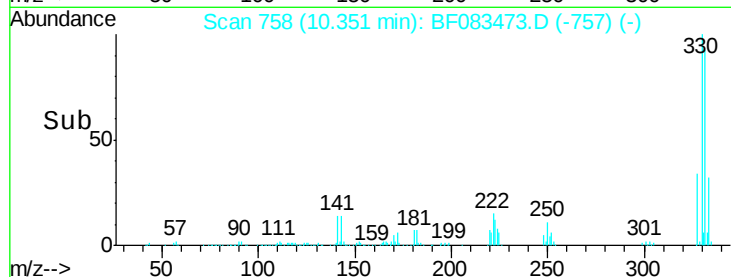
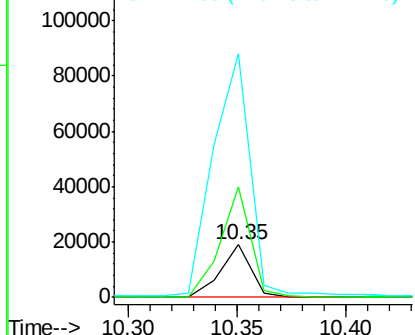
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.29 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Tgt Ion: 248 Resp: 18476
 Ion Ratio Lower Upper
 248 100
 250 209.0 78.6 118.0#
 141 461.0 44.4 66.6#

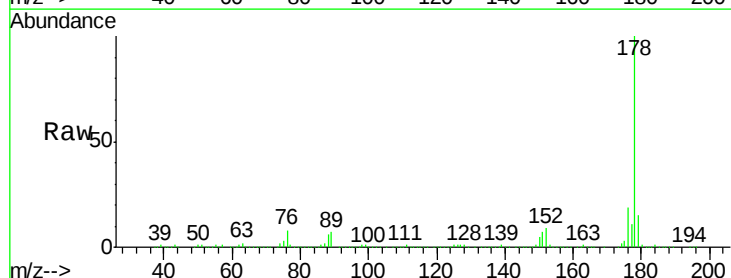


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

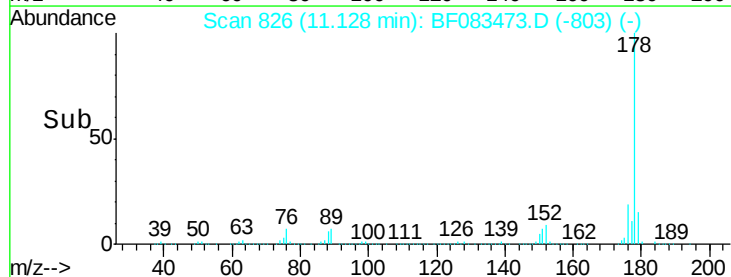
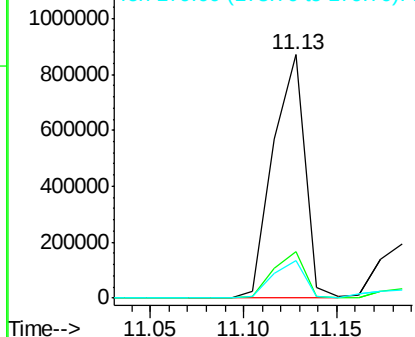


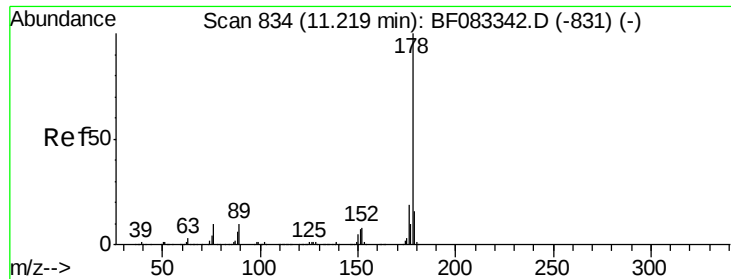
#70
 Phenanthrene
 Concen: 32.46 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion: 178 Resp: 1037308
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.2 12.4 18.6



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

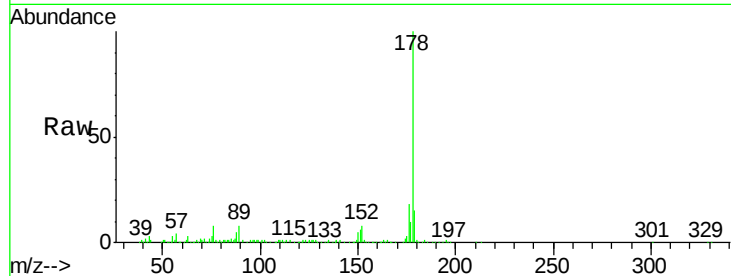




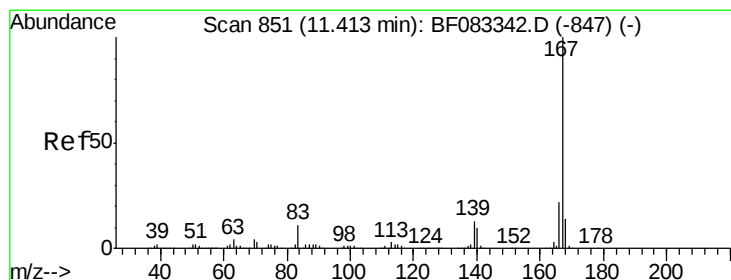
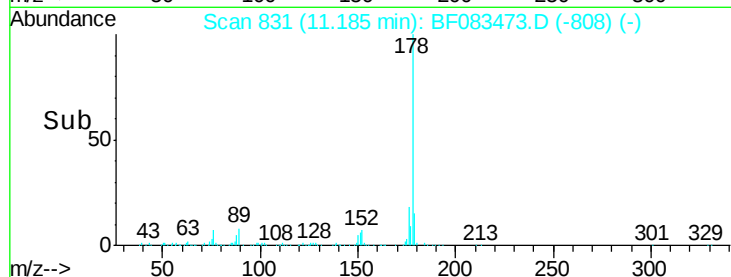
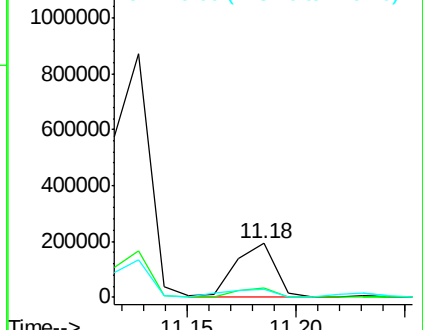
#71
 Anthracene
 Concen: 7.33 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Tgt Ion:178 Resp: 235789
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.6 23.4
 179 15.3 12.8 19.2

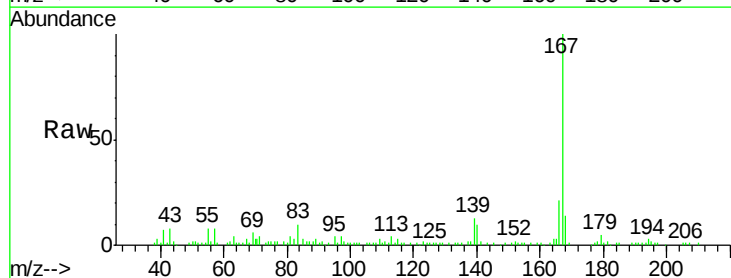


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

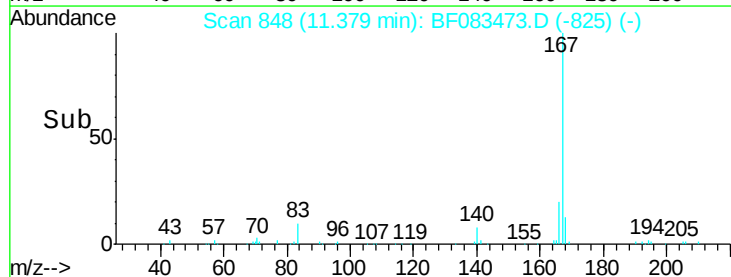
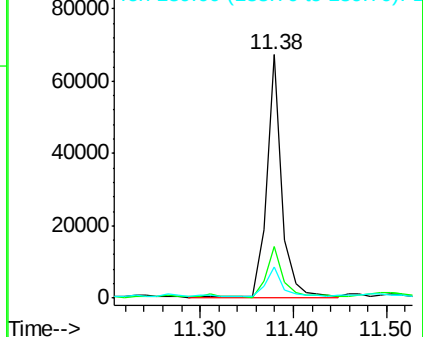


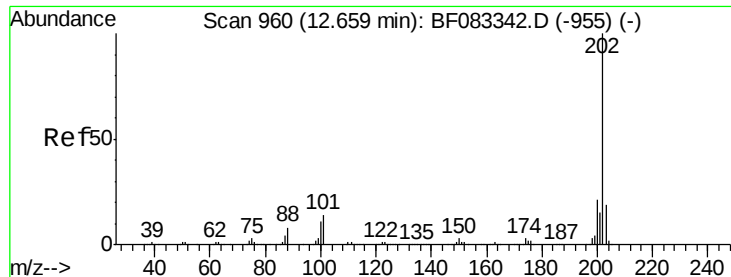
#72
 Carbazole
 Concen: 2.68 ng
 RT: 11.38 min Scan# 848
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion:167 Resp: 77392
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.0 10.5 15.7



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

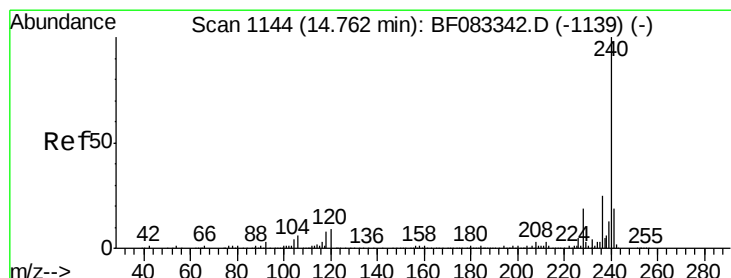
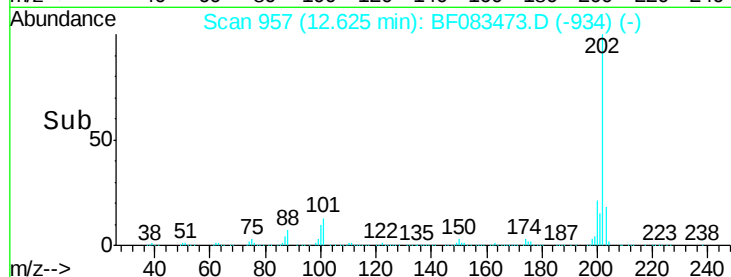
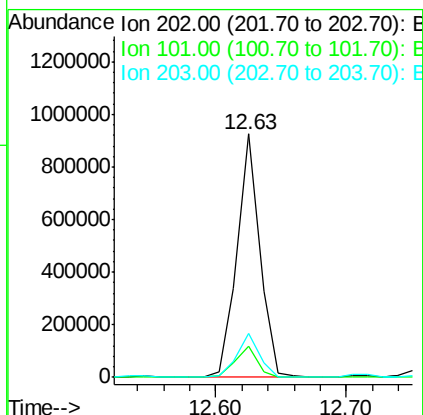
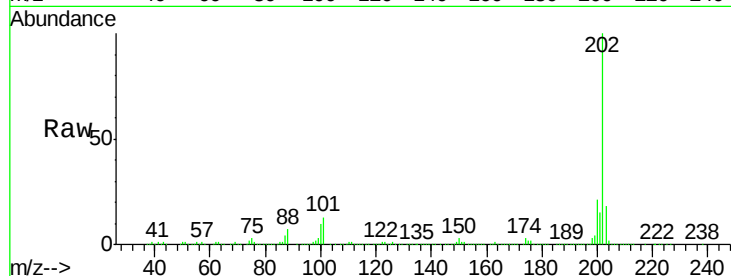




#74
 Fluoranthene
 Concen: 33.79 ng
 RT: 12.63 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

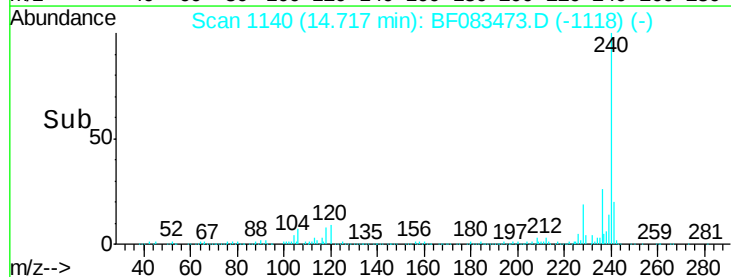
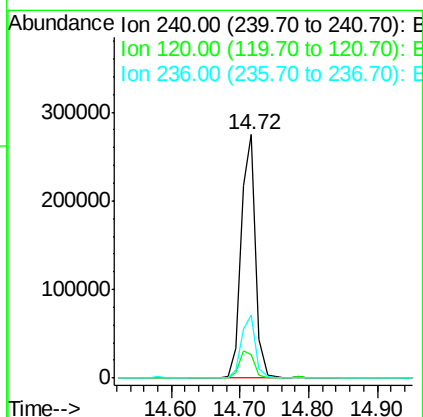
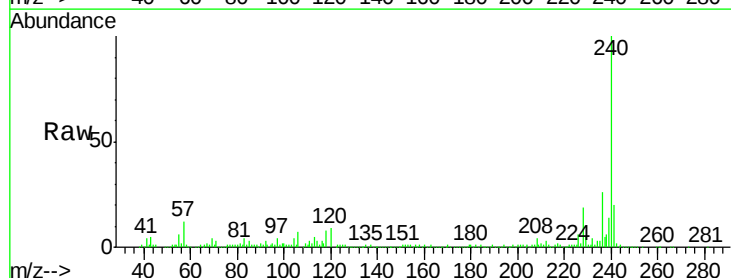
Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

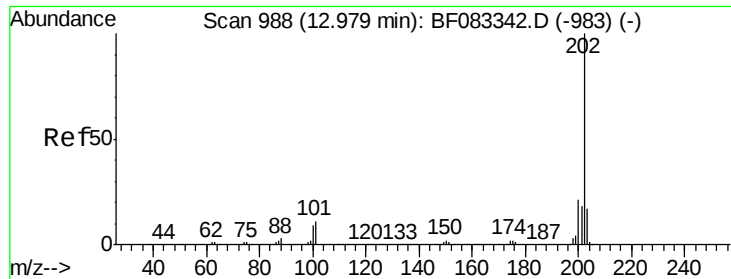
Tgt Ion: 202 Resp: 1119300
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 34.5
 203 18.1 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1140
 Delta R.T. -0.05 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion: 240 Resp: 401458
 Ion Ratio Lower Upper
 240 100
 120 9.5 6.9 10.3
 236 26.0 19.8 29.6

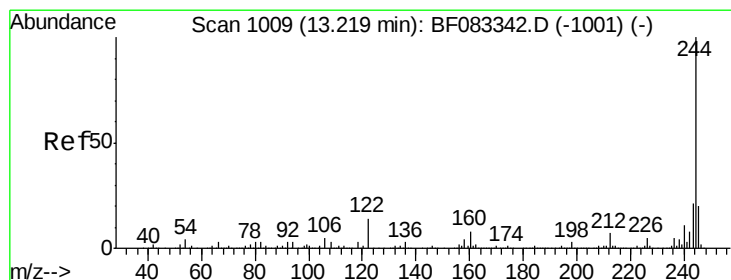
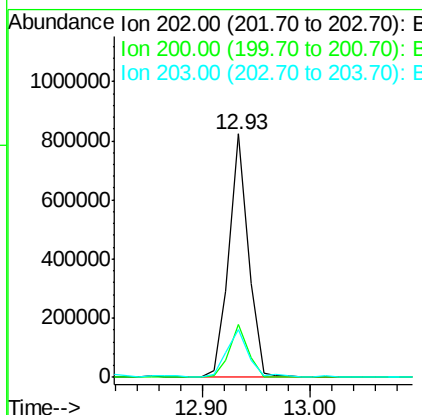
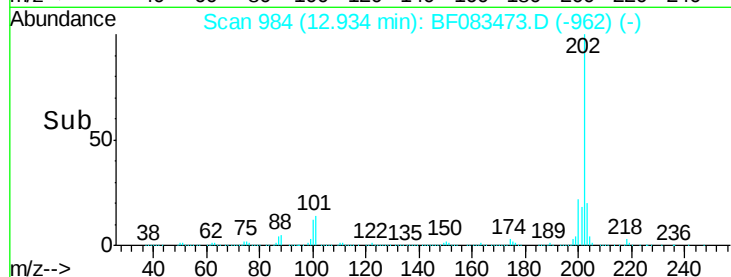
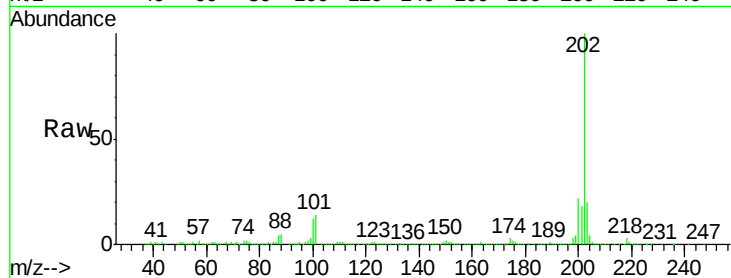




#77
 Pyrene
 Concen: 36.15 ng
 RT: 12.93 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

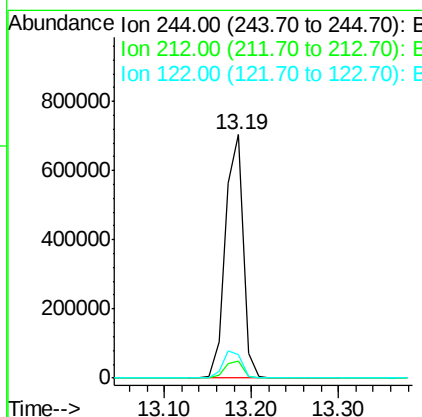
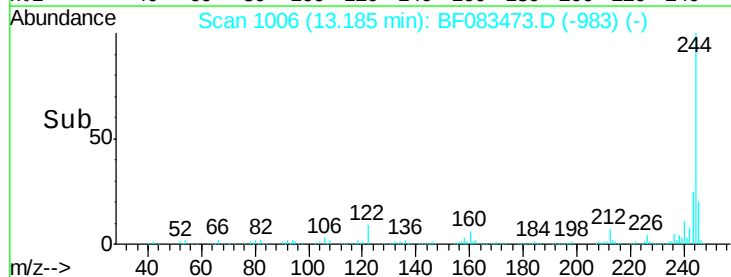
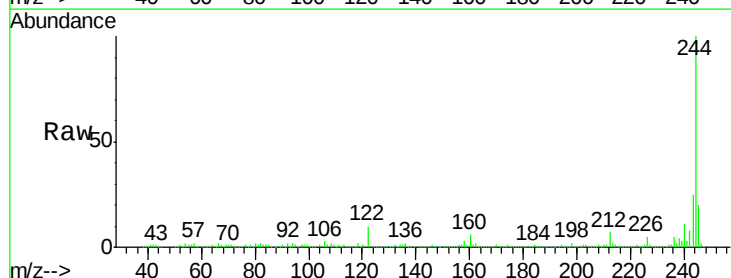
Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

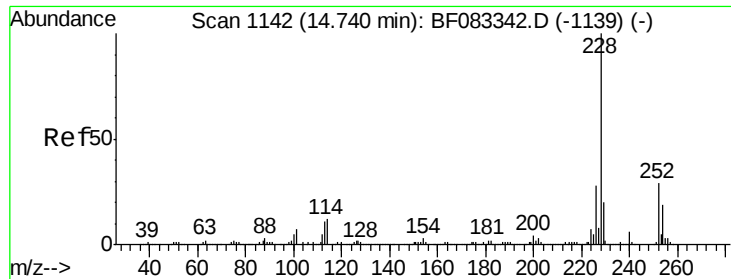
Tgt Ion:202 Resp: 1013579
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.9 25.3
 203 19.8 13.9 20.9



#78
 Terphenyl-d14
 Concen: 59.37 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion:244 Resp: 999470
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.6 11.0 16.4#





#80

Benzo(a)anthracene

Concen: 20.14 ng

RT: 14.69 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130

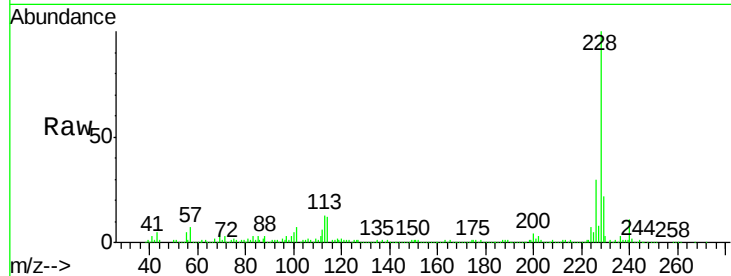
Tgt Ion:228 Resp: 495471

Ion Ratio Lower Upper

228 100

226 29.8 22.2 33.4

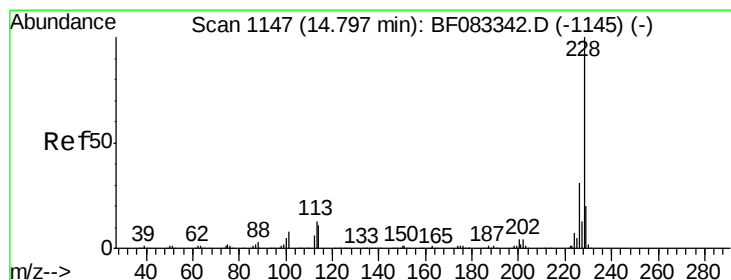
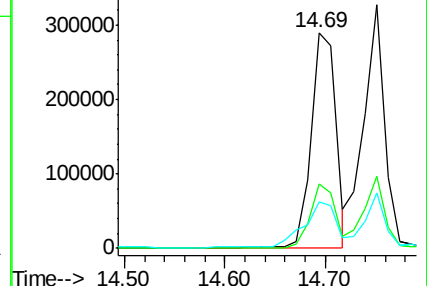
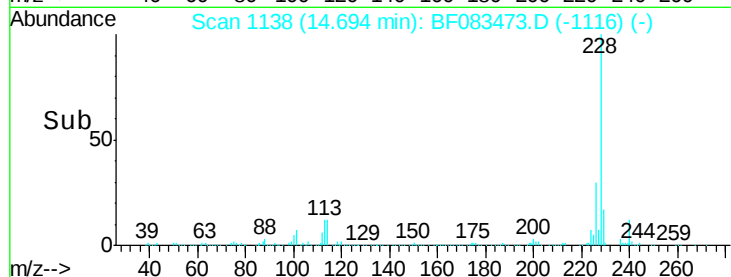
229 21.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 20.04 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

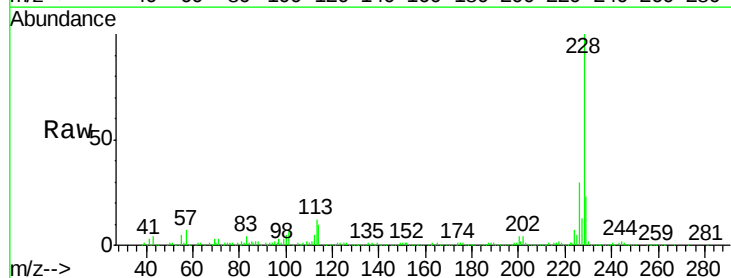
Tgt Ion:228 Resp: 476221

Ion Ratio Lower Upper

228 100

226 29.8 24.6 37.0

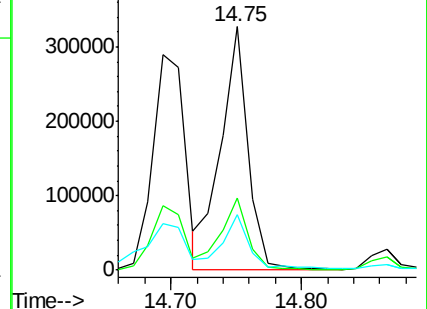
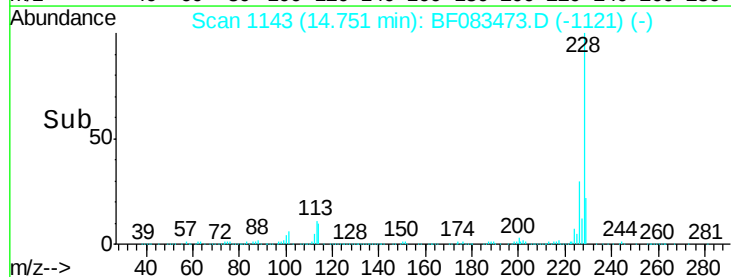
229 22.7 16.2 24.2

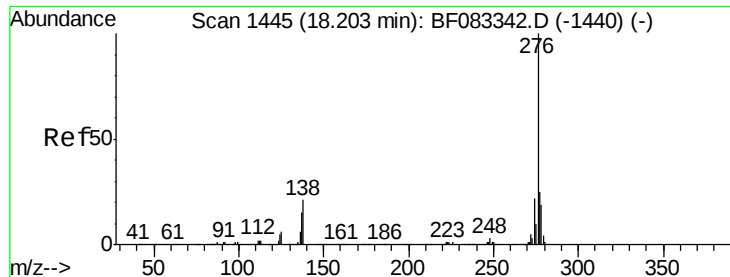


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

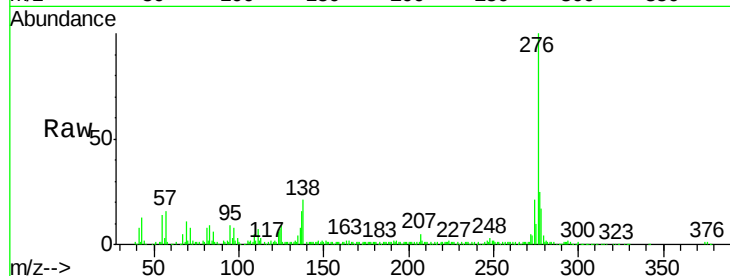




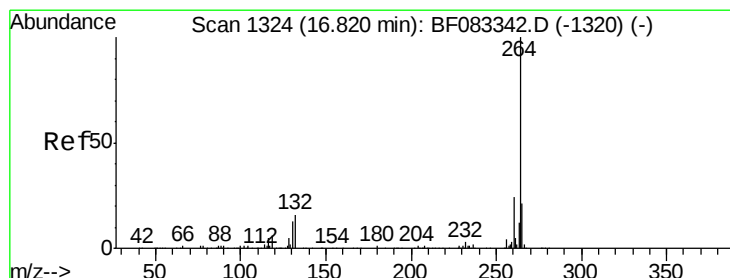
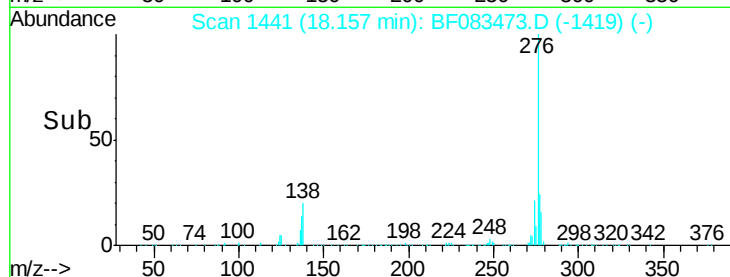
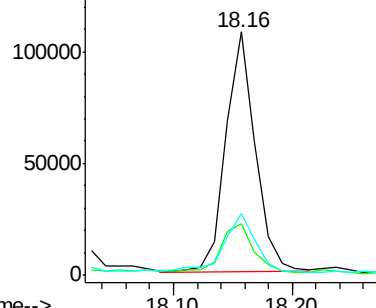
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.80 ng
 RT: 18.16 min Scan# 1441
 Delta R.T. -0.05 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.2	31.8
277	27.8	20.0	30.0

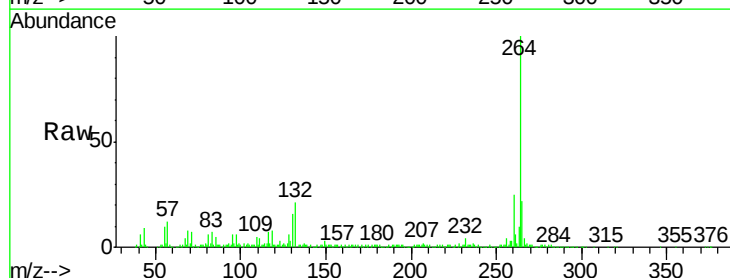


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

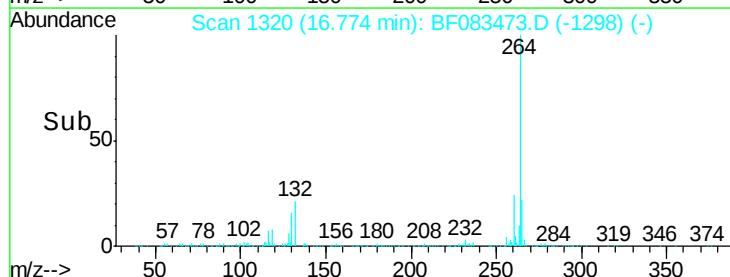
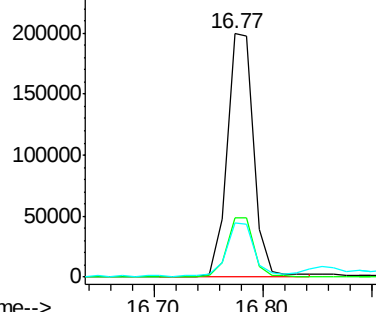


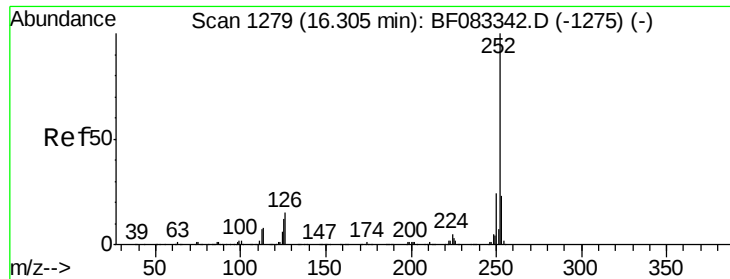
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083473.D
 Acq: 3 Dec 2015 21:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	22.3	16.8	25.2



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: 29.72 ng

RT: 16.27 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF083473.D

Acq: 3 Dec 2015 21:50

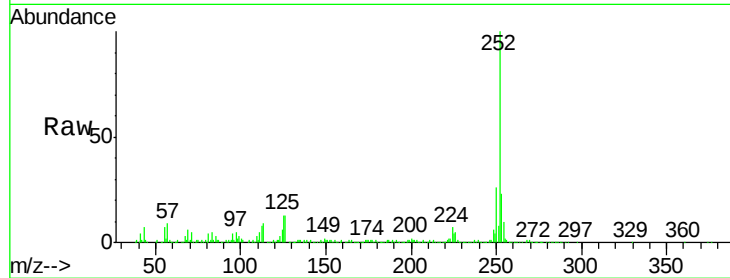
Instrument :

BNA_F

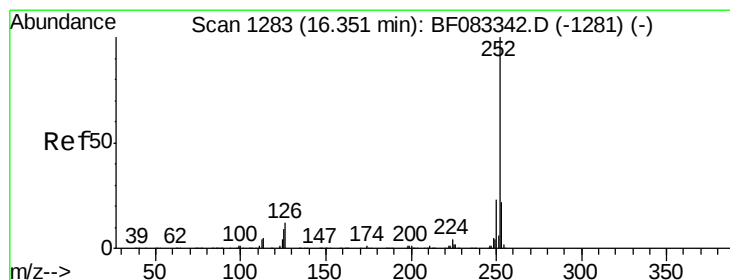
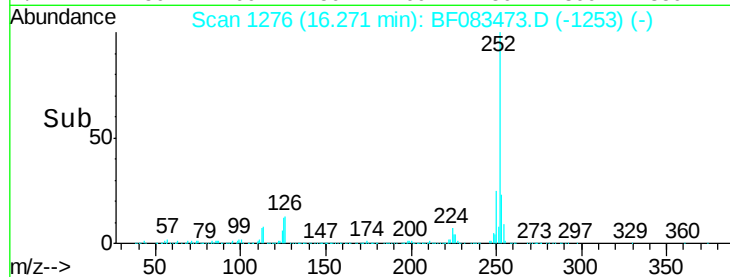
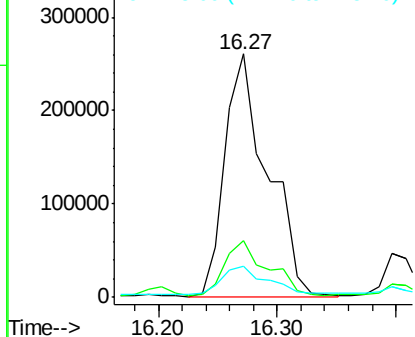
ClientSampleId :

CWC-MISC-4-20151130

Tgt Ion:	252	Resp:	649322
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	13.0	9.6	14.4



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



#88

Benzo(k)fluoranthene

Concen: 31.48 ng

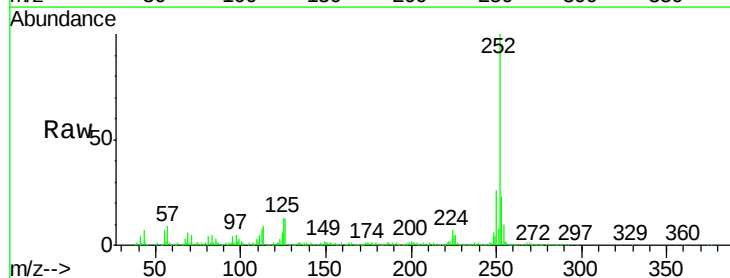
RT: 16.27 min Scan# 1276

Delta R.T. -0.08 min

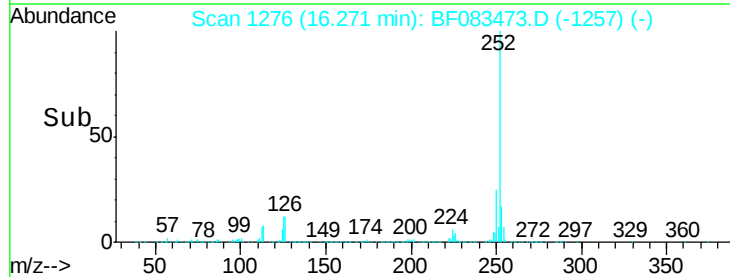
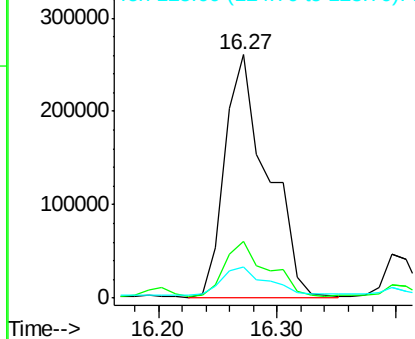
Lab File: BF083473.D

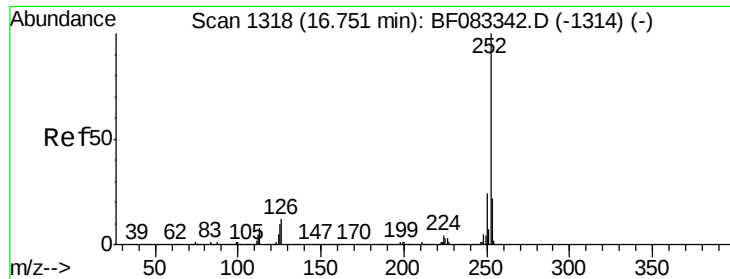
Acq: 3 Dec 2015 21:50

Tgt Ion:	252	Resp:	649322
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	13.0	7.5	11.3#



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

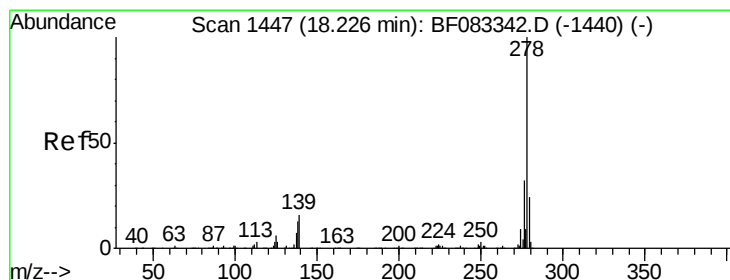
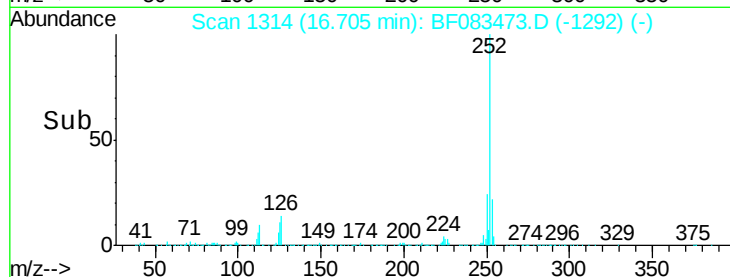
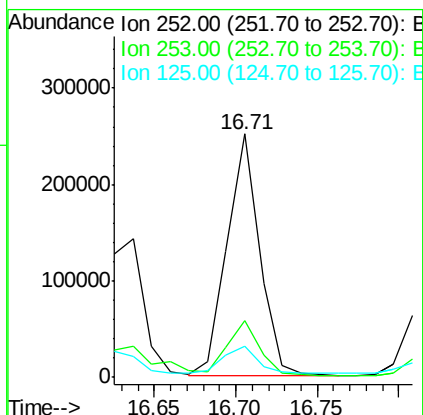
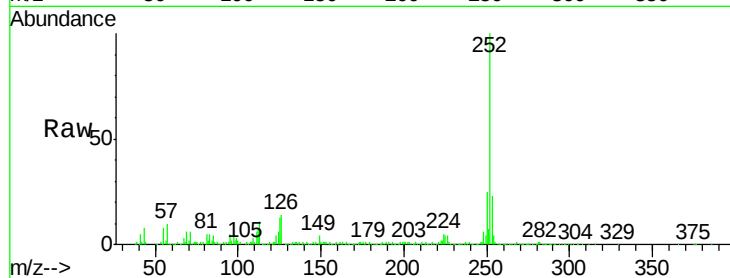




#89
Benzo(a)pyrene
Concen: 18.56 ng
RT: 16.71 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

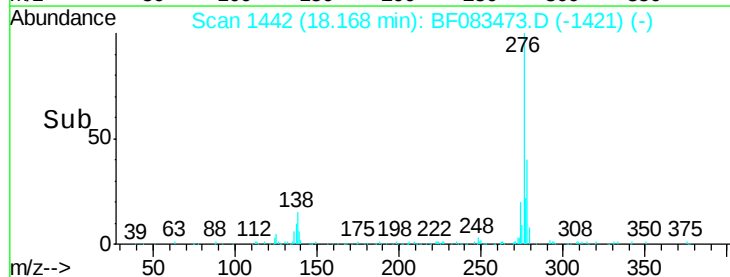
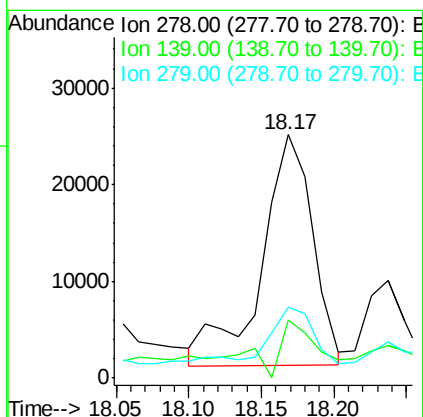
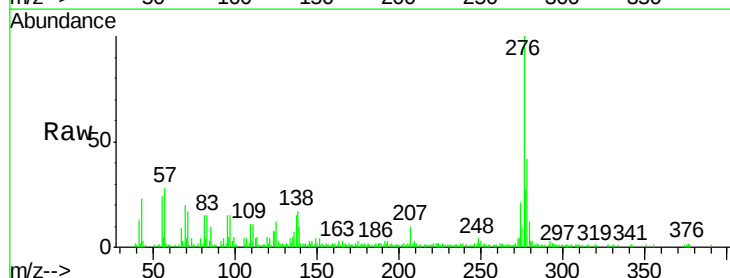
Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

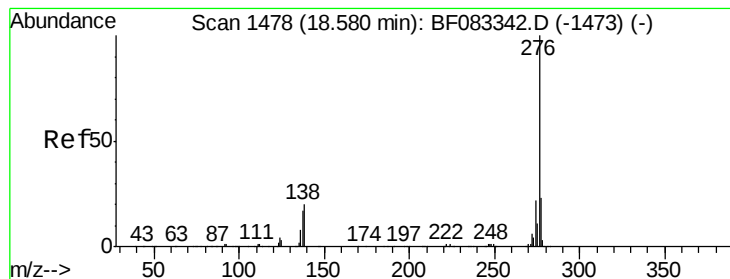
Tgt Ion:252 Resp: 348246
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.9 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 3.60 ng
RT: 18.17 min Scan# 1442
Delta R.T. -0.06 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:278 Resp: 58850
Ion Ratio Lower Upper
278 100
139 23.8 13.1 19.7#
279 29.1 19.2 28.8#





#91

Benzo(g,h,i)perylene

Concen: 10.79 ng

RT: 18.52 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF083473.D

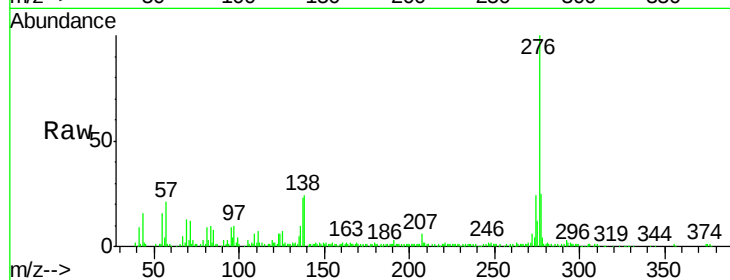
Acq: 3 Dec 2015 21:50

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-4-20151130



Tgt Ion:	276	Resp:	173233
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.6	28.0
138	24.5	16.1	24.1#

