

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083227.D
 Acq On : 24 Nov 2015 2:30
 Operator : UM/IZ
 Sample : G4453-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-1-20151116

Manual Integrations
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Quant Time: Nov 24 12:59:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200029	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	764078	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	353051	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	562454	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	440347	20.00	ng	-0.02
86) Perylene-d12	15.14	264	336782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1539027	116.32	ng	-0.02
7) Phenol-d6	6.32	99	2206394	128.89	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1079386	64.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	255255	70.67	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1767705	69.82	ng	-0.01
78) Terphenyl-d14	12.74	244	1265094	67.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	405861	14.93	ng	99
70) Phenanthrene	11.18	178	181937	5.61	ng	96
74) Fluoranthene	12.35	202	202261	6.10	ng	98
77) Pyrene	12.58	202	194033	6.45	ng	97
80) Benzo(a)anthracene	13.77	228	84586	3.11	ng	97
82) Chrysene	13.81	228	74220m	2.94	ng	
87) Benzo(b)fluoranthene	14.78	252	60857m	2.64	ng	
89) Benzo(a)pyrene	15.09	252	46919	2.47	ng	# 92

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

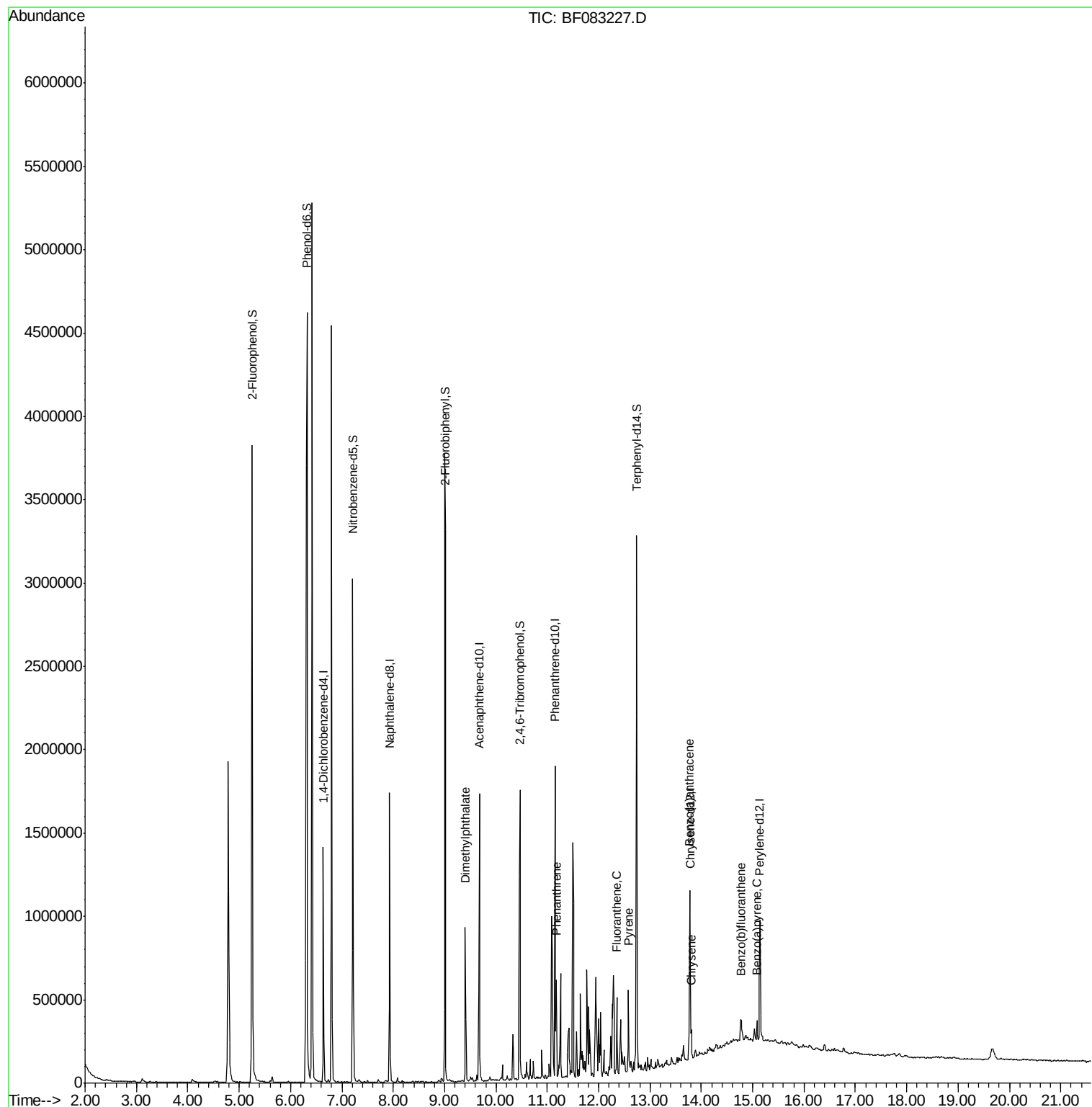
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083227.D
Acq On : 24 Nov 2015 2:30
Operator : UM/IZ
Sample : G4453-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

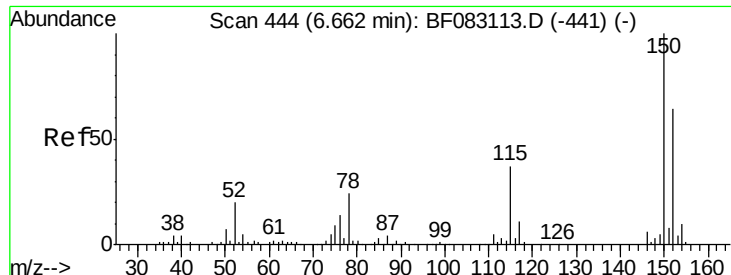
Instrument :
BNA_F
ClientSampleId :
CWC-MISC-1-20151116

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Quant Time: Nov 24 12:59:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Instrument :

BNA_F

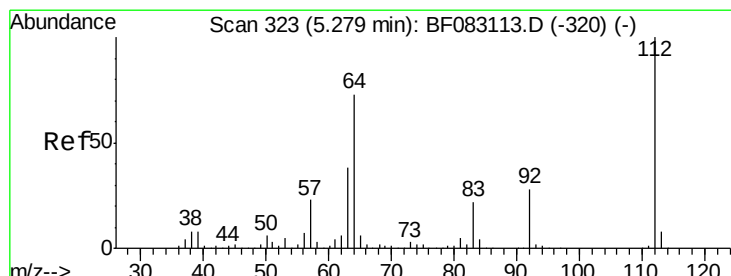
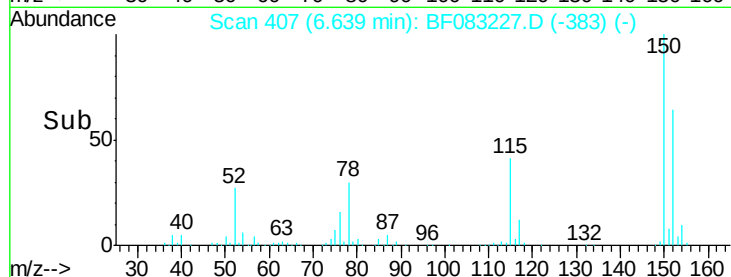
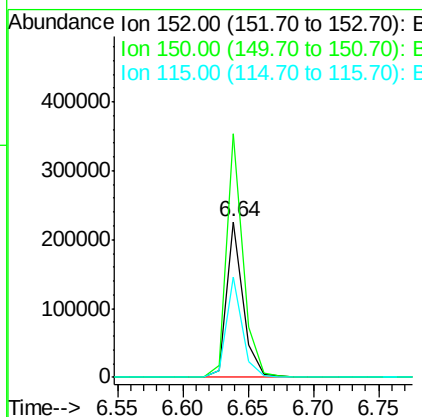
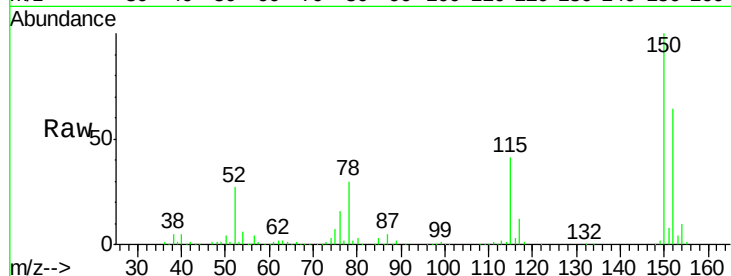
ClientSampleId :

CWC-MISC-1-20151116

Tot Ion:	152	Resp:	200029
Ion Ratio	Lower	Upper	
152	100		
150	156.4	125.8	188.8
115	64.6	46.9	70.3

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#5

2-Fluorophenol

Concen: 116.32 ng

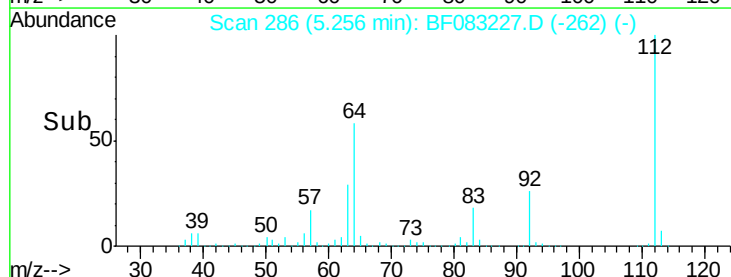
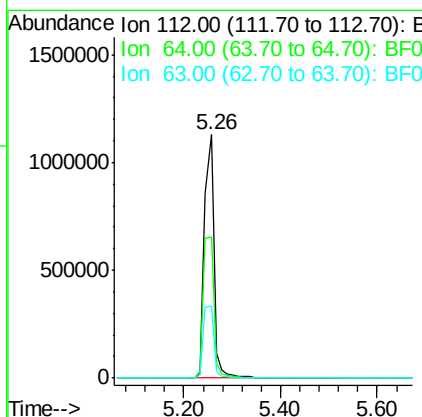
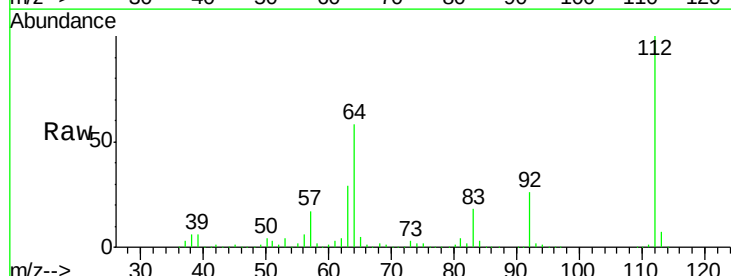
RT: 5.26 min Scan# 286

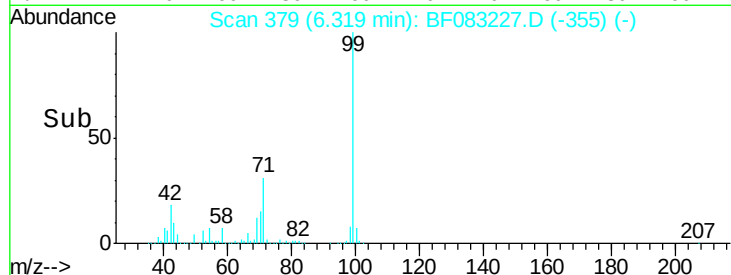
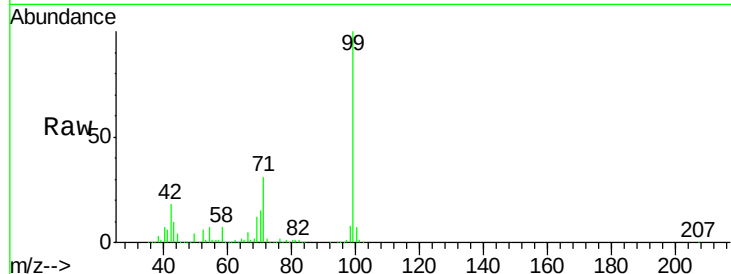
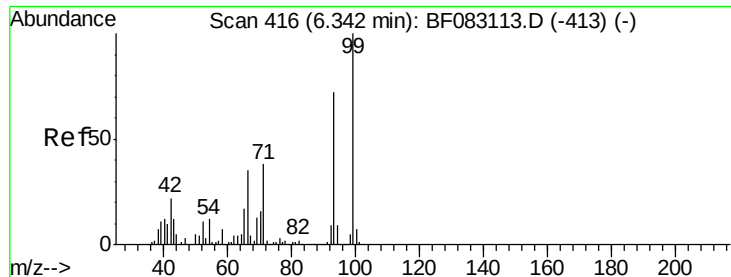
Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Tgt Ion:	112	Resp:	1539027
Ion Ratio	Lower	Upper	
112	100		
64	58.2	58.4	87.6#
63	29.5	30.0	45.0#





#7

Phenol-d6

Concen: 128.89 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Tot Ion: 99 Resp: 2206394

Ion Ratio Lower Upper

99 100

42 18.0 17.7 26.5

71 31.3 30.2 45.4

Instrument :

BNA_F

ClientSampleId :

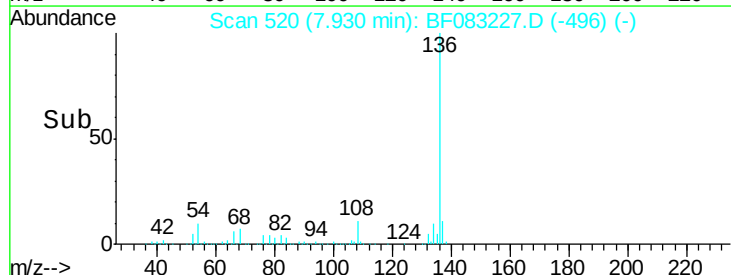
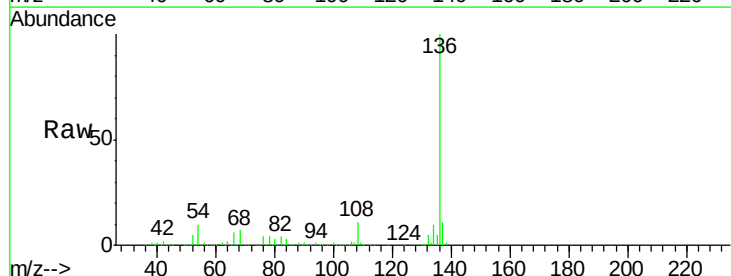
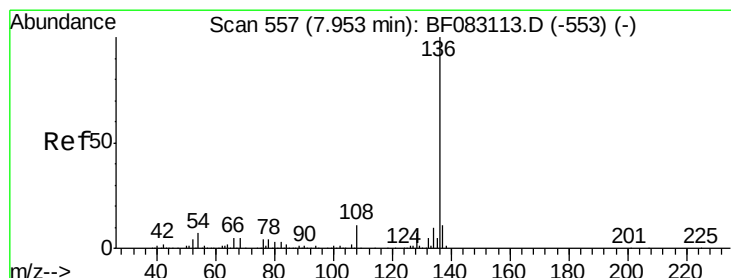
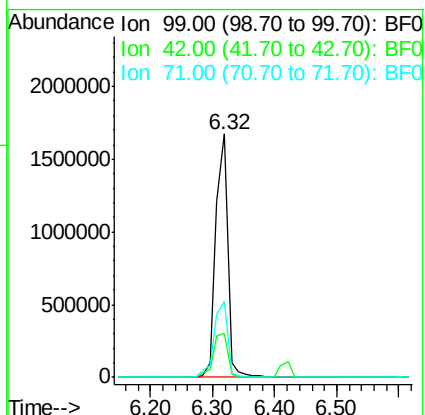
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Tgt Ion: 136 Resp: 764078

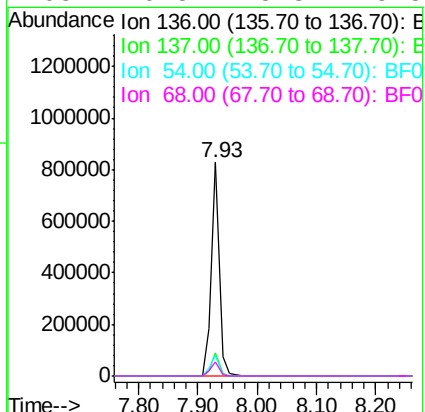
Ion Ratio Lower Upper

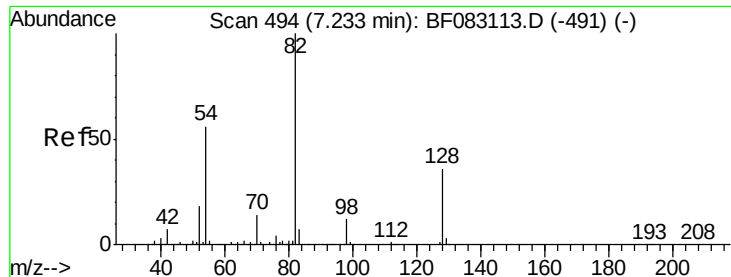
136 100

137 11.0 8.7 13.1

54 9.5 5.8 8.6#

68 6.8 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 64.55 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-1-20151116

Tot Ion: 82 Resp: 1079386

Ion Ratio Lower Upper

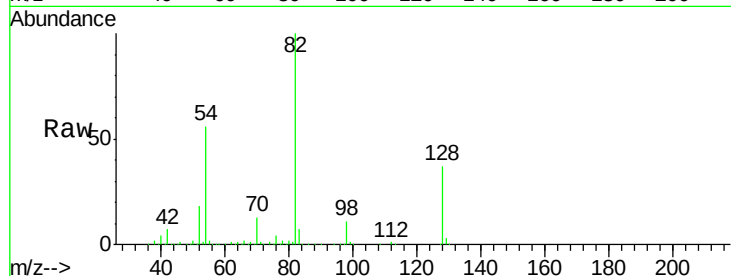
82 100

128 37.0 28.5 42.7

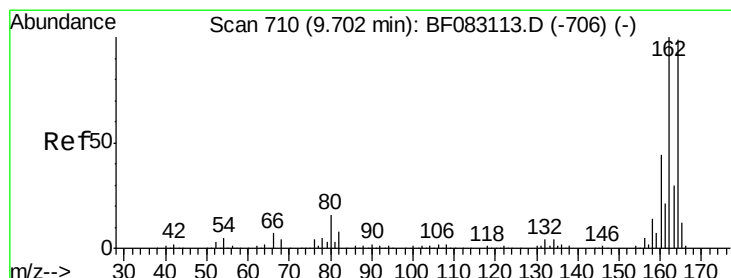
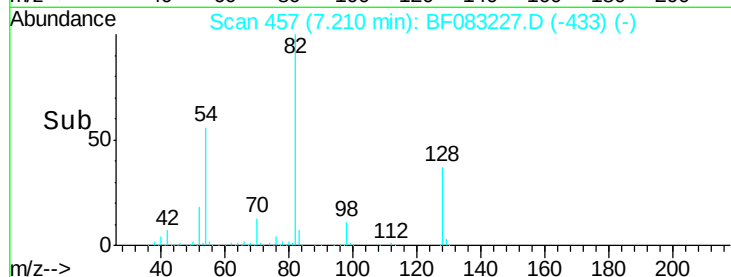
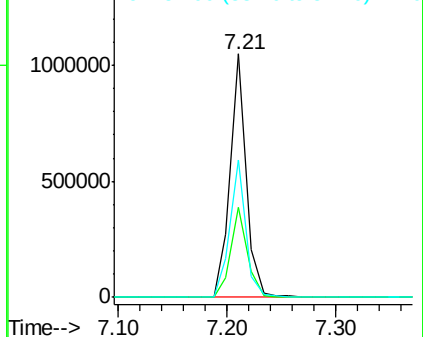
54 56.4 44.6 67.0

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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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

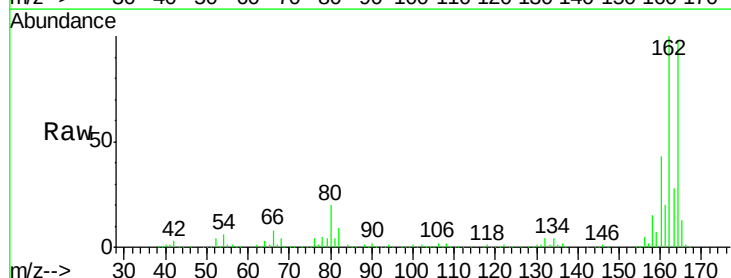
Tgt Ion: 164 Resp: 353051

Ion Ratio Lower Upper

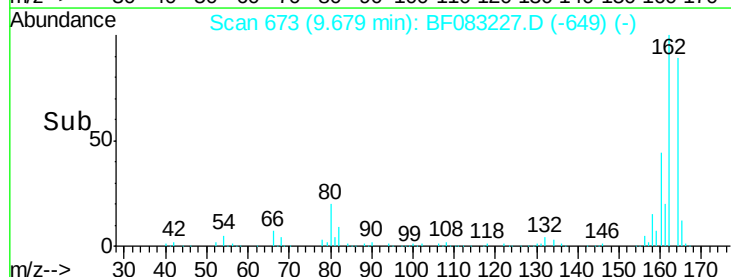
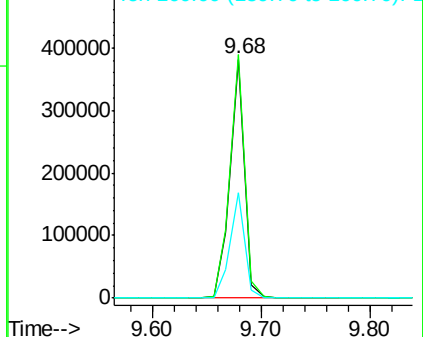
164 100

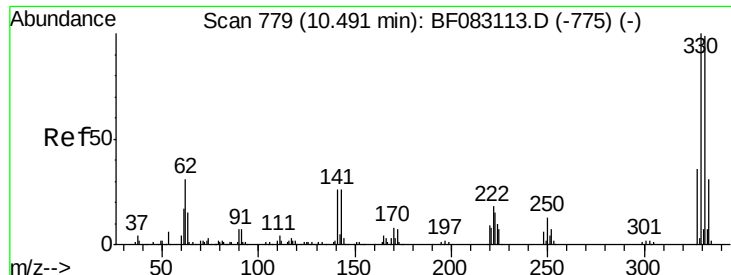
162 101.9 81.2 121.8

160 44.3 35.6 53.4



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





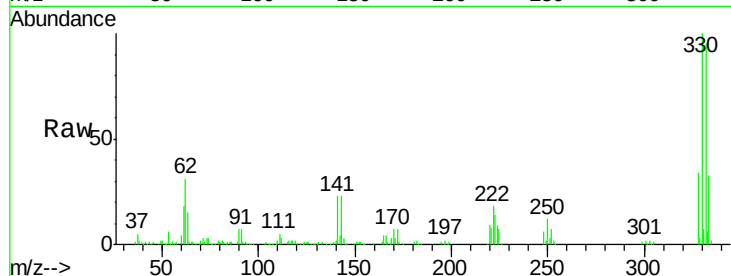
#41
 2,4,6-Tribromophenol
 Concen: 70.67 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083227.D
 Acq: 24 Nov 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-1-20151116

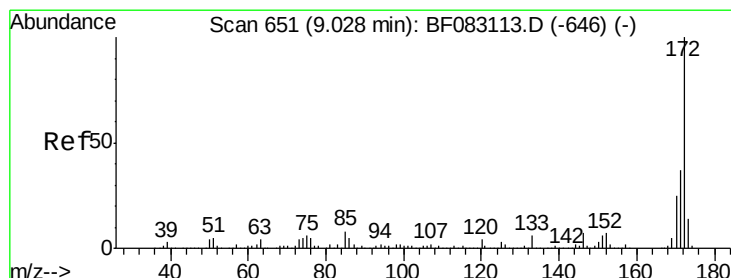
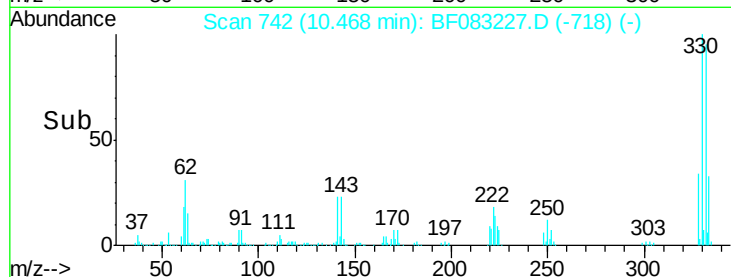
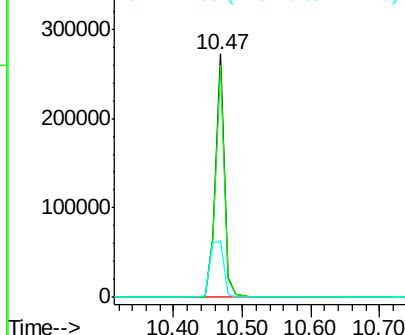
Tot Ion	Ratio	Resp	Lower	Upper
330	100	255255		
332	95.3		77.7	116.5
141	35.3		29.7	44.5

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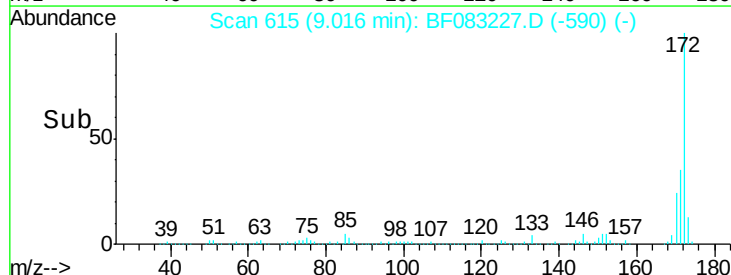
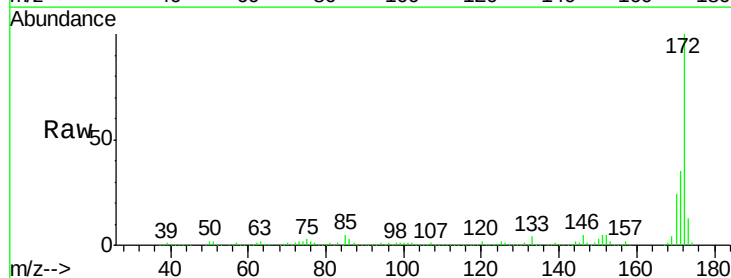
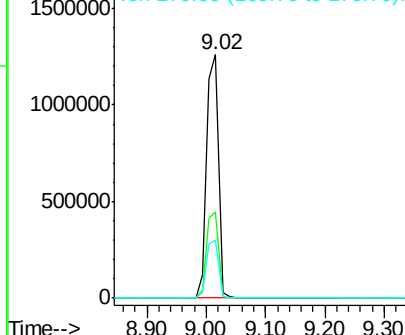
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

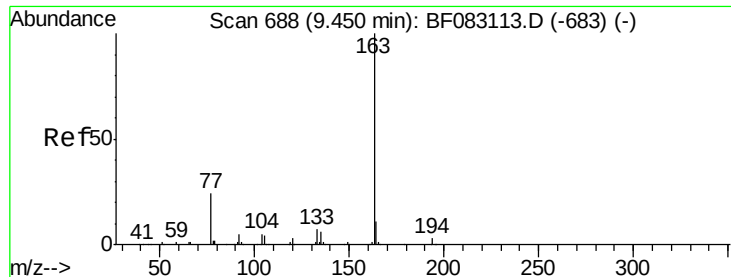


#44
 2-Fluorobiphenyl
 Concen: 69.82 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083227.D
 Acq: 24 Nov 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1767705		
171	35.2		29.5	44.3
170	23.9		19.9	29.9

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





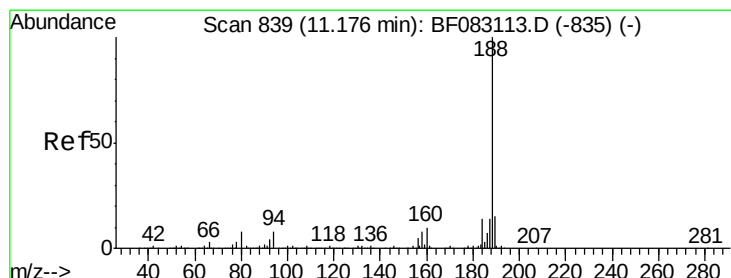
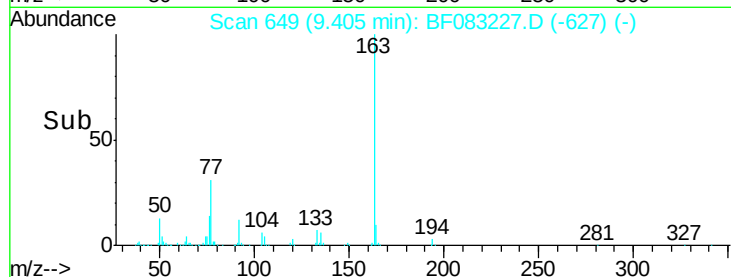
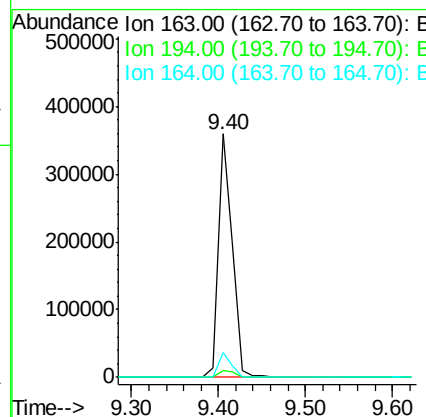
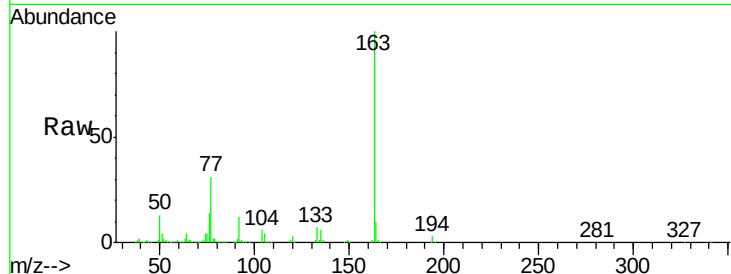
#49
Dimethylphthalate
Concen: 14.93 ng
RT: 9.40 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-1-20151116

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		405861		
194	3.0		2.6	4.0	
164	10.2		8.6	12.8	

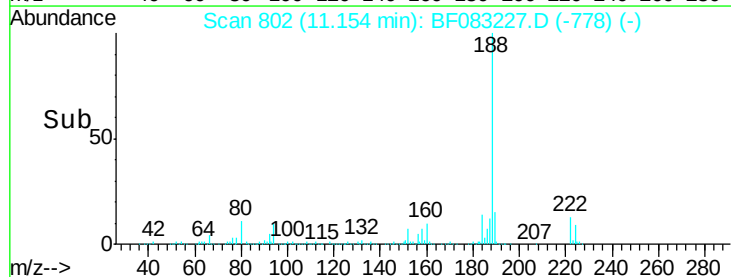
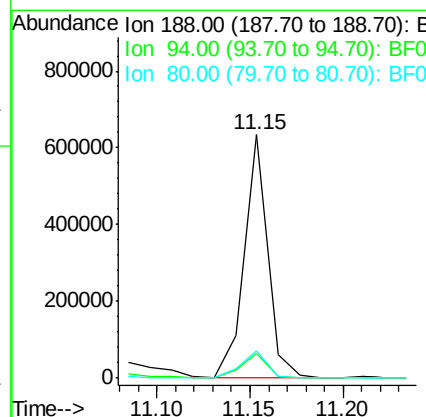
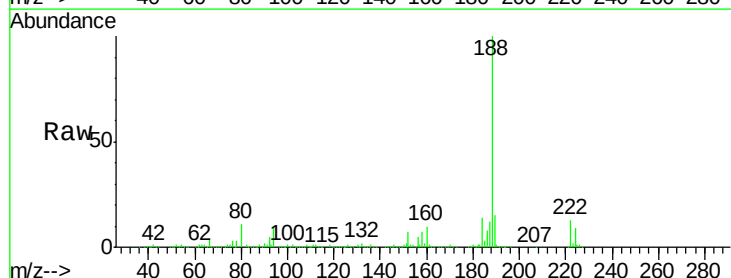
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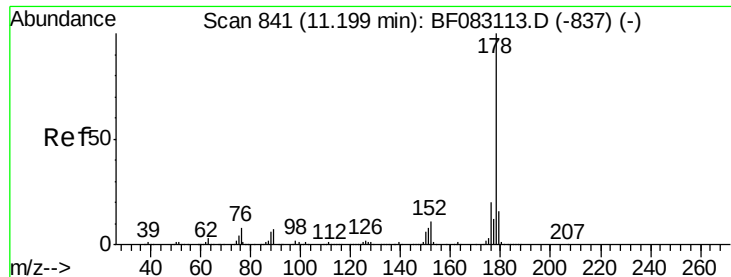
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		562454		
94	10.2		6.0	9.0#	
80	11.0		6.7	10.1#	





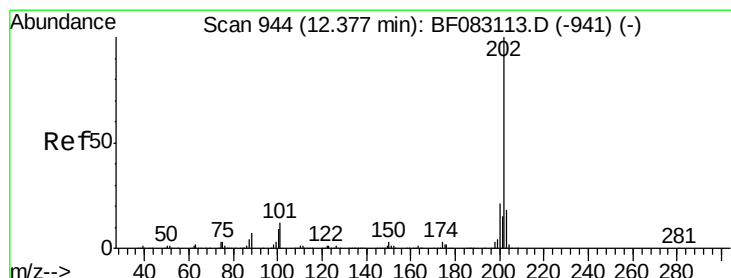
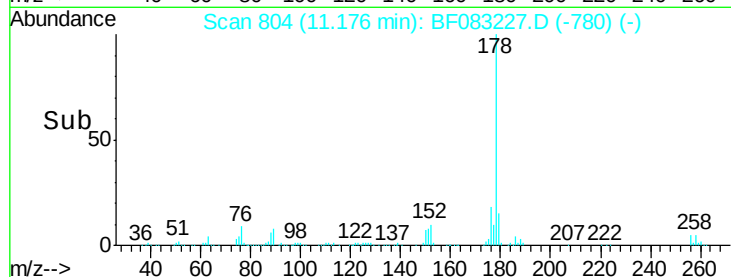
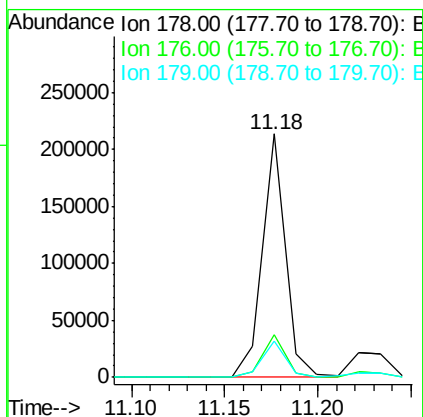
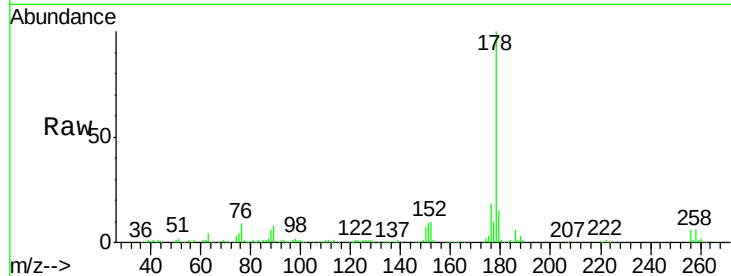
#70
Phenanthrene
Concen: 5.61 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-1-20151116

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.2	24.2
179	15.1	12.8	19.2

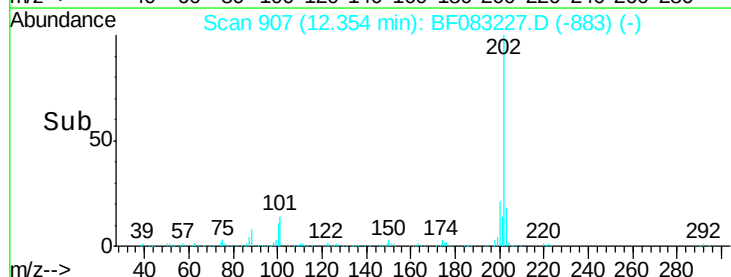
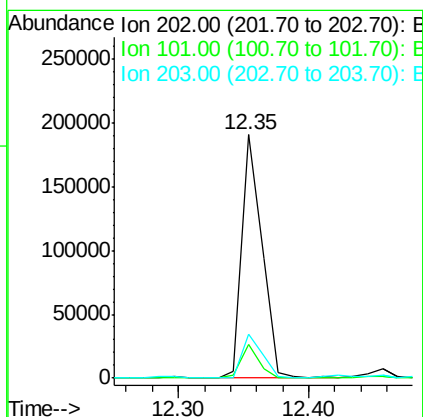
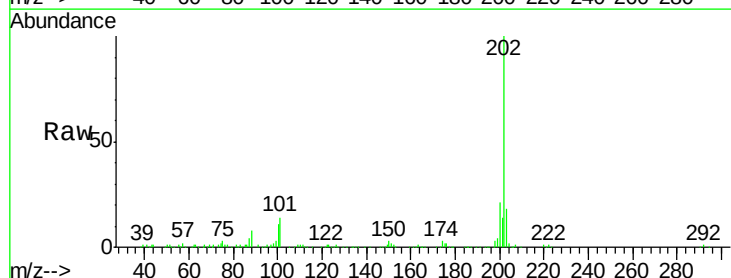
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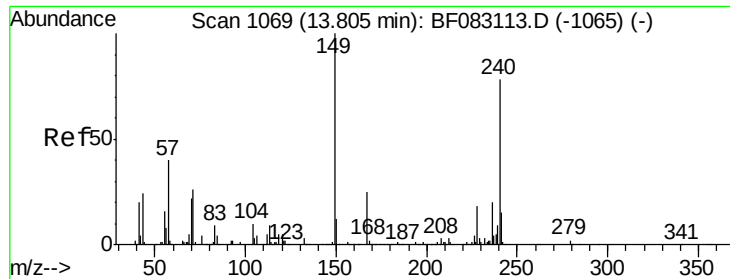
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#74
Fluoranthene
Concen: 6.10 ng
RT: 12.35 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.3
203	17.8	0.0	38.4





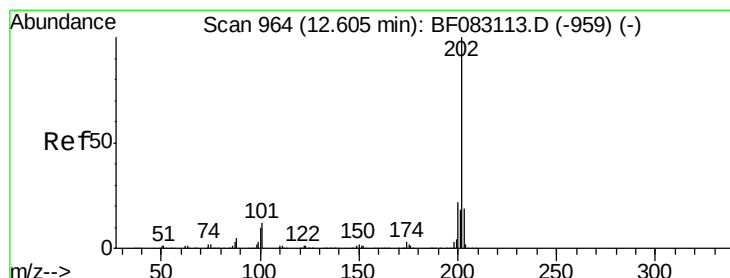
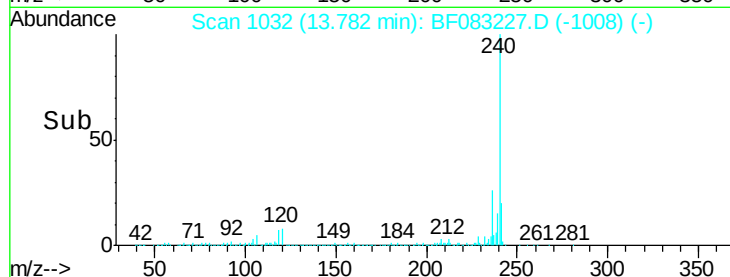
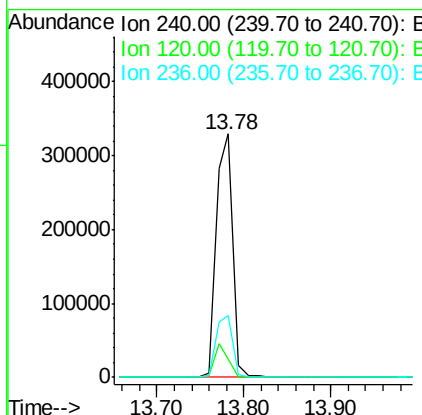
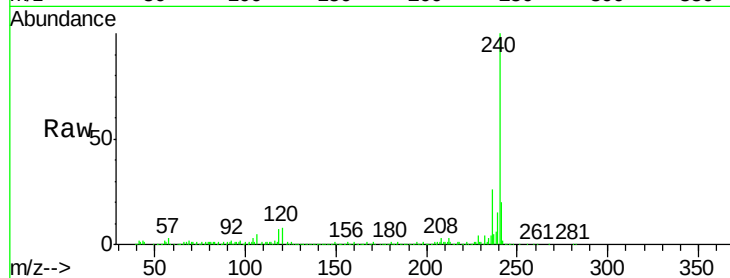
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-1-20151116

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.4	8.2
236	25.6	20.6	31.0

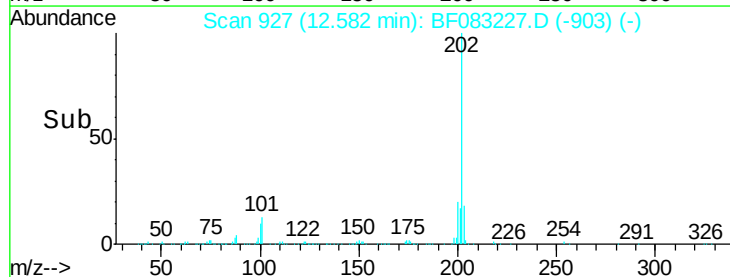
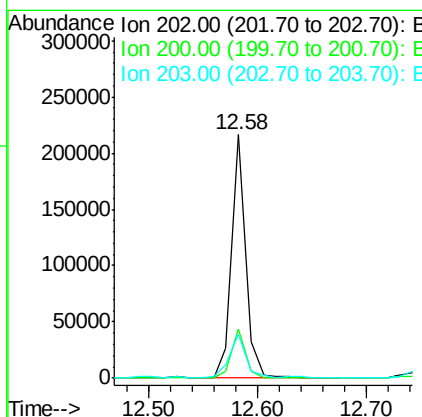
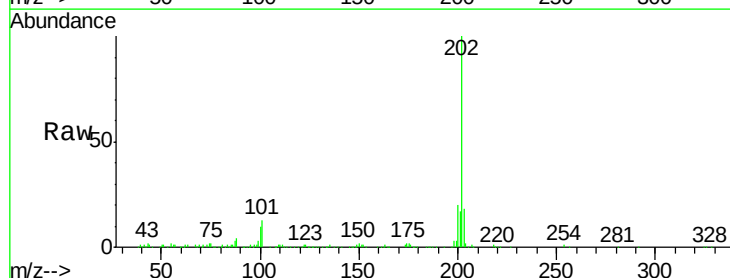
Manual Integrations
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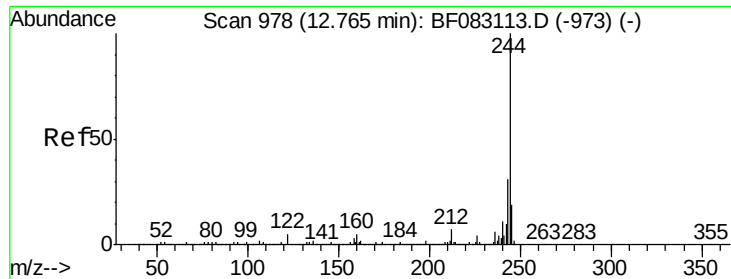
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#77
Pyrene
Concen: 6.45 ng
RT: 12.58 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF083227.D
Acq: 24 Nov 2015 2:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	18.0	15.0	22.4





#78

Terphenyl-d14

Concen: 67.65 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-1-20151116

Tot Ion:244 Resp: 1265094

Ion Ratio Lower Upper

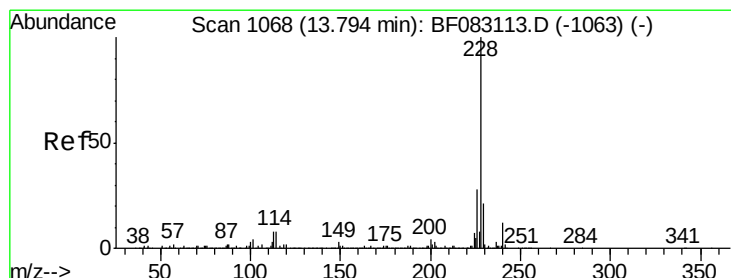
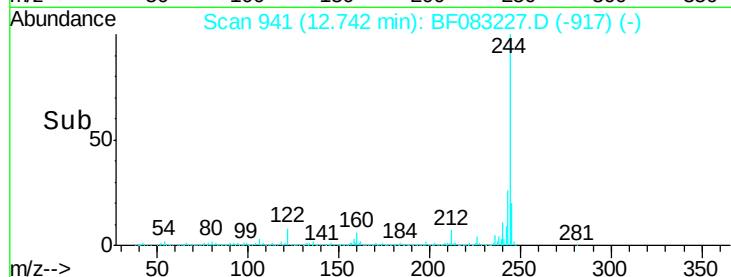
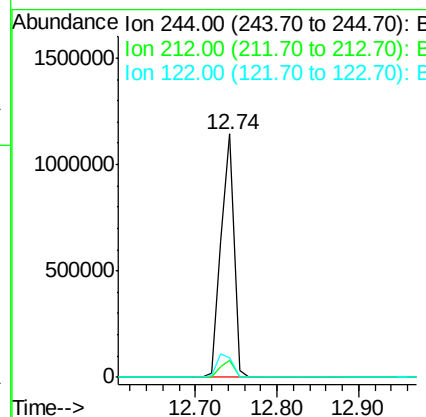
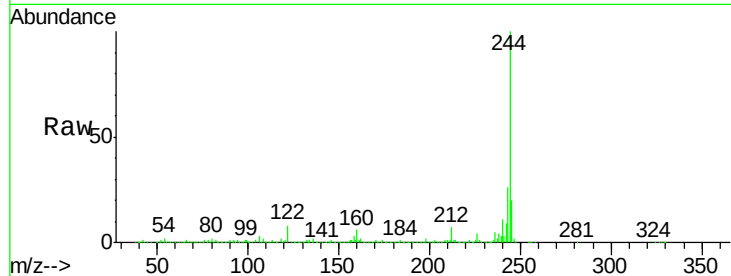
244 100

212 6.8 5.4 8.2

122 8.0 4.3 6.5#

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#80

Benzo(a)anthracene

Concen: 3.11 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

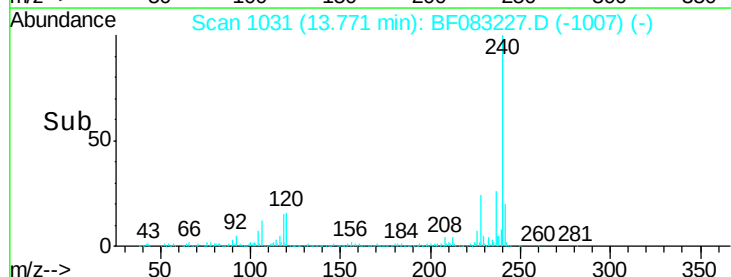
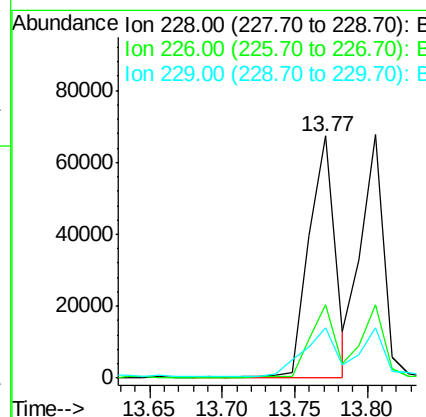
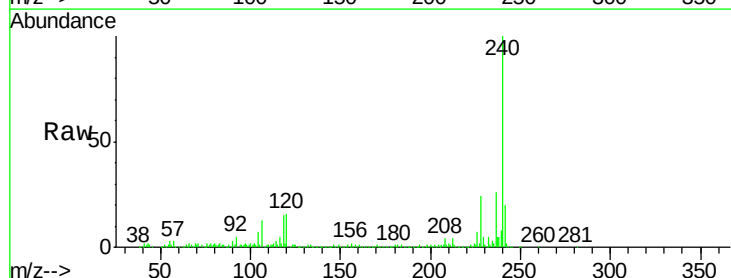
Tgt Ion:228 Resp: 84586

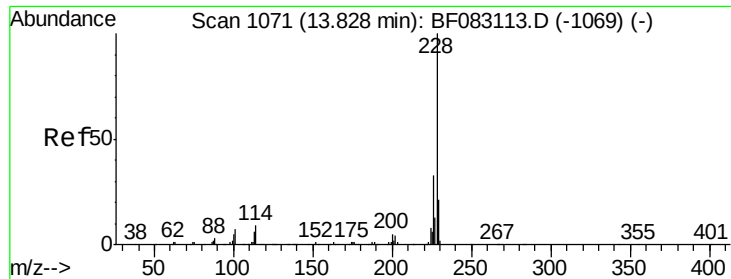
Ion Ratio Lower Upper

228 100

226 30.6 22.6 33.8

229 21.1 16.6 24.8





#82

Chrysene

Concen: 2.94 ng/mL

RT: 13.81 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Instrument :

BNA_F

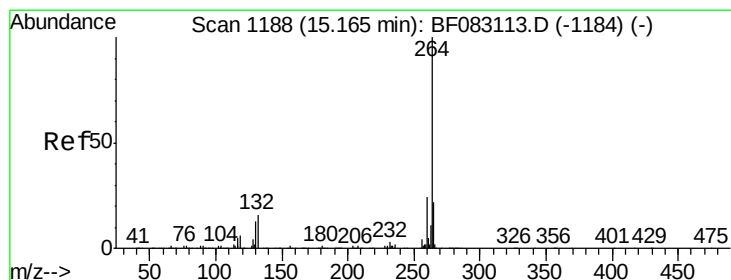
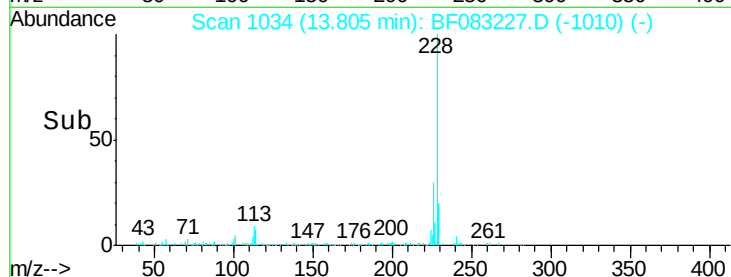
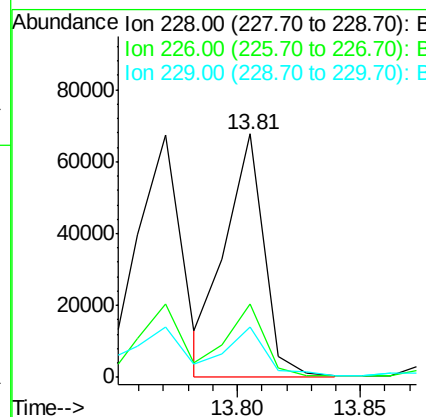
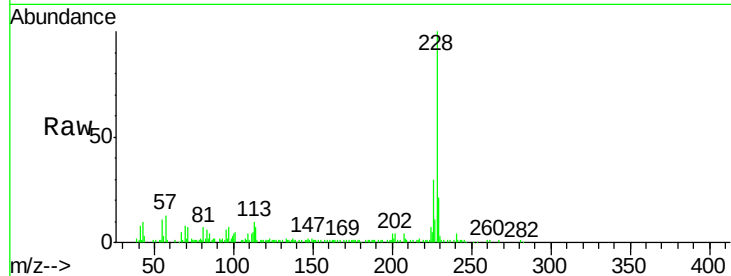
ClientSampleId :

CWC-MISC-1-20151116

Tot Ion:	228	Resp:	74220
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.5	38.3
229	20.5	16.6	25.0

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#86

Perylene-d12

Concen: 20.00 ng/mL

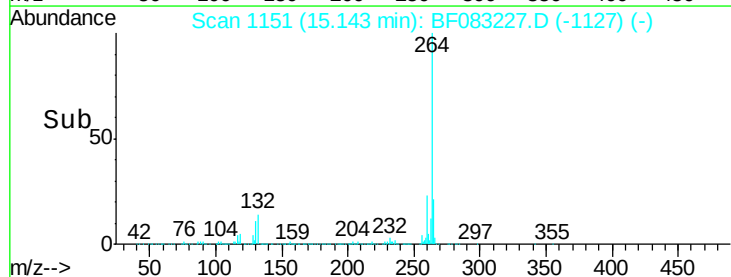
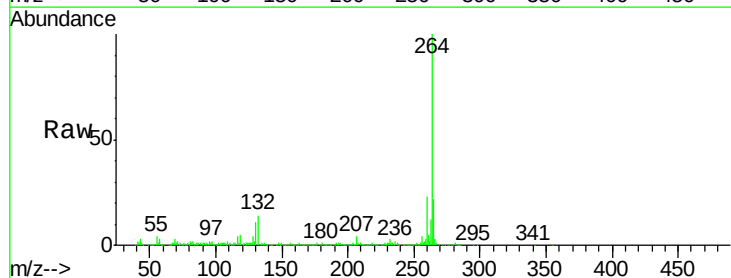
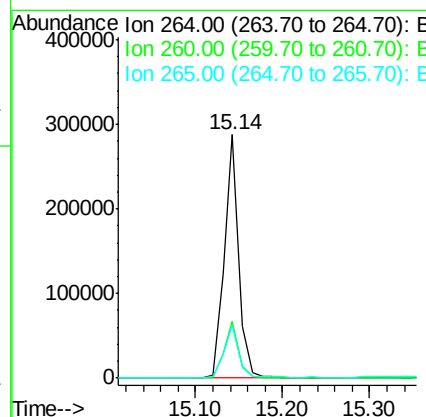
RT: 15.14 min Scan# 1151

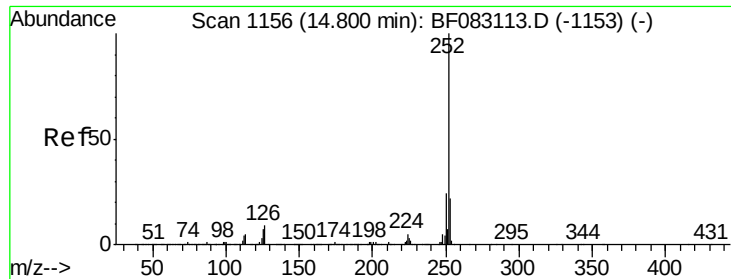
Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Tgt Ion:	264	Resp:	336782
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.1	28.7
265	21.5	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 2.64 ng m

RT: 14.78 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Instrument :

BNA_F

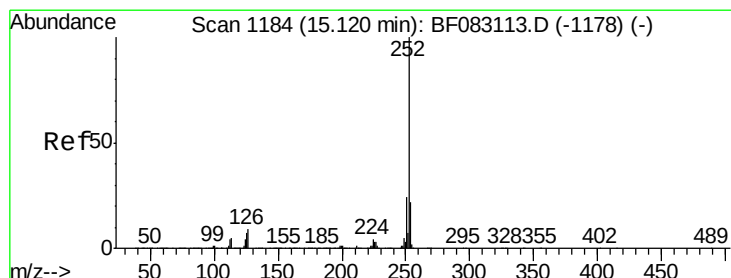
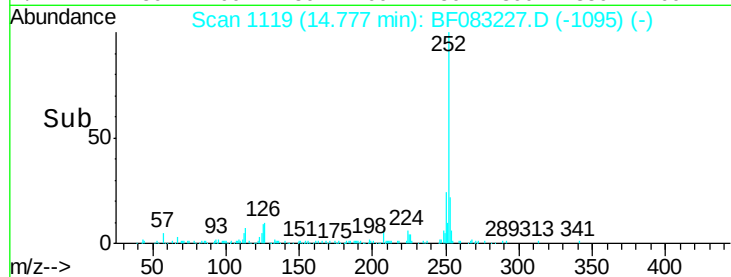
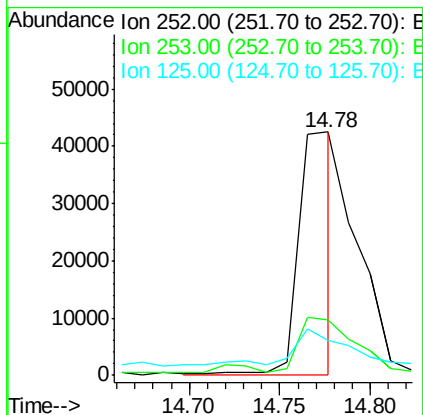
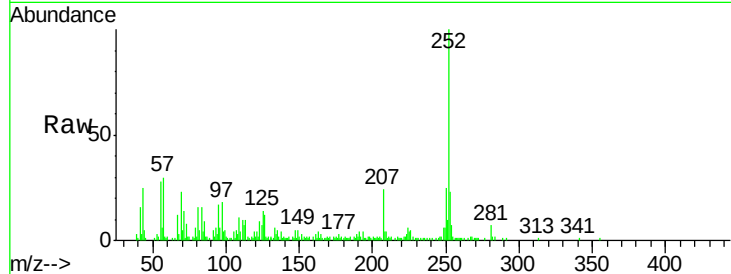
ClientSampleId :

CWC-MISC-1-20151116

Tot Ion:	252	Resp:	60857
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	14.5	5.6	8.4#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.47 ng

RT: 15.09 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083227.D

Acq: 24 Nov 2015 2:30

Tgt Ion:	252	Resp:	46919
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	14.7	5.4	8.0#

