

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083228.D
 Acq On : 24 Nov 2015 3:00
 Operator : UM/IZ
 Sample : G4453-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-2-20151116

Manual Integrations
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 11/24/2015 1:20:18 PM

Quant Time: Nov 24 07:02:08 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	205486	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	799316	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	379694	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	607982	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	480151	20.00	ng	-0.02
86) Perylene-d12	15.14	264	371060	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1803500	132.69	ng	-0.02
7) Phenol-d6	6.32	99	2477045	140.85	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1305683	74.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	374512	96.41	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2263208	83.12	ng	-0.01
78) Terphenyl-d14	12.74	244	1644178	80.64	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	478619	16.37	ng	99
70) Phenanthrene	11.18	178	196164	5.60	ng	96
74) Fluoranthene	12.35	202	364890	10.18	ng	97
77) Pyrene	12.58	202	358230	10.92	ng	98
80) Benzo(a)anthracene	13.77	228	178266m	6.00	ng	
82) Chrysene	13.81	228	147785m	5.37	ng	
85) Indeno(1,2,3-cd)pyrene	16.40	276	64567	2.58	ng	98
87) Benzo(b)fluoranthene	14.78	252	176680m	6.97	ng	
89) Benzo(a)pyrene	15.09	252	106537	5.09	ng	# 92
91) Benzo(g,h,i)perylene	16.78	276	55407	2.98	ng	# 91

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

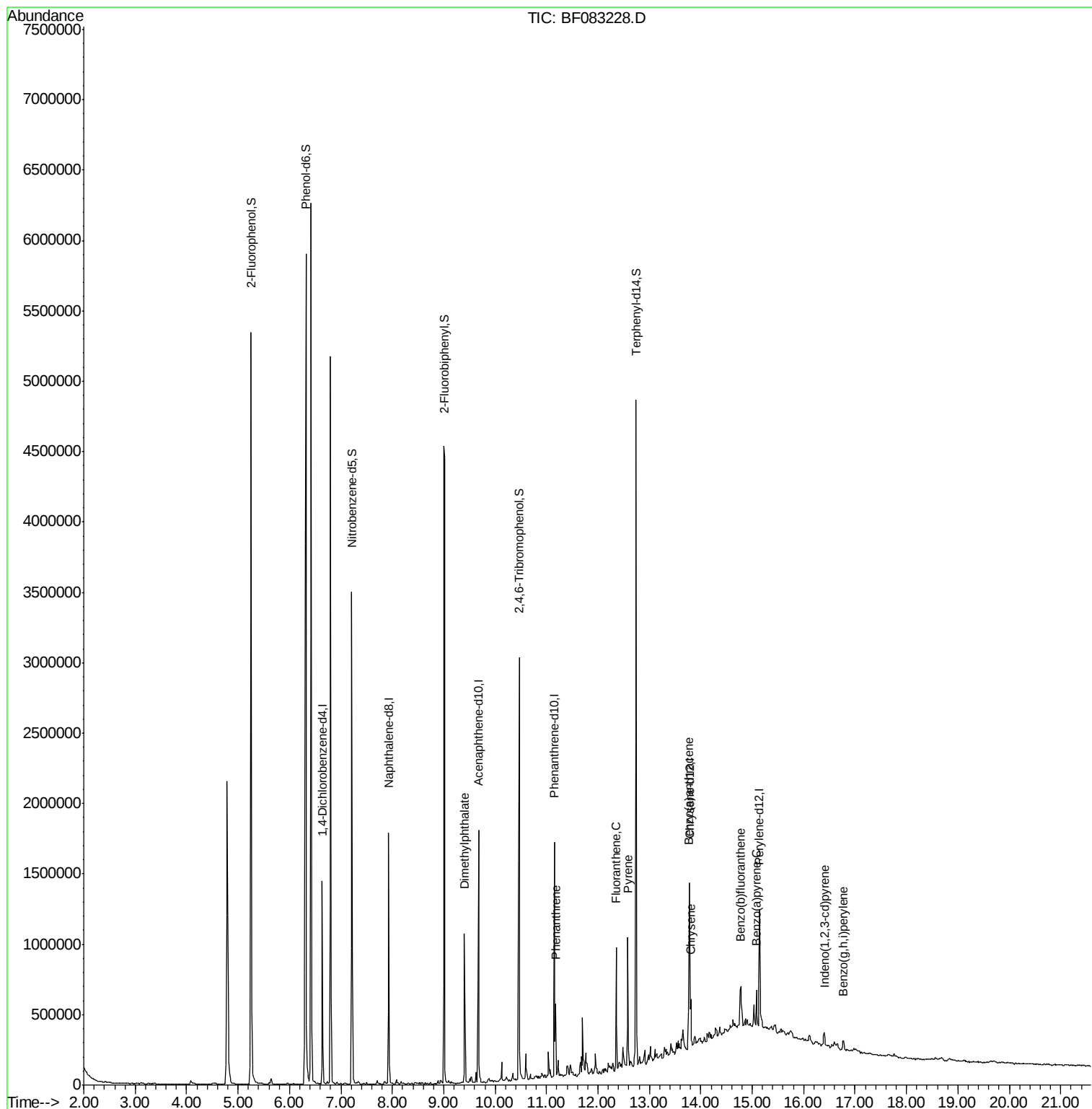
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083228.D
Acq On : 24 Nov 2015 3:00
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CWC-MISC-2-20151116

Manual Integrations
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Quant Time: Nov 24 07:02:08 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: BF083228.D

Acq: 24 Nov 2015 3:00

Instrument :

BNA_F

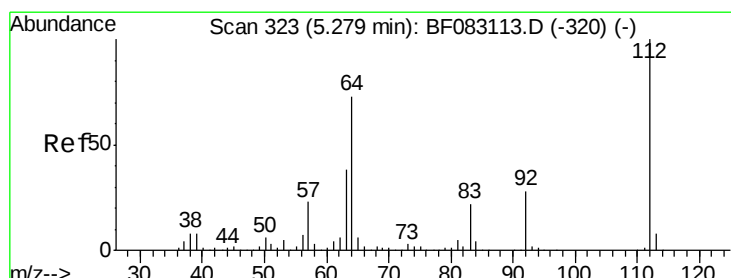
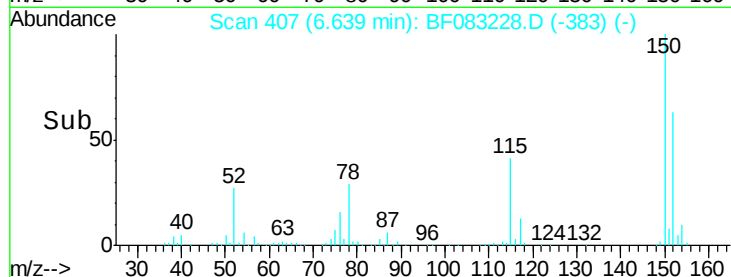
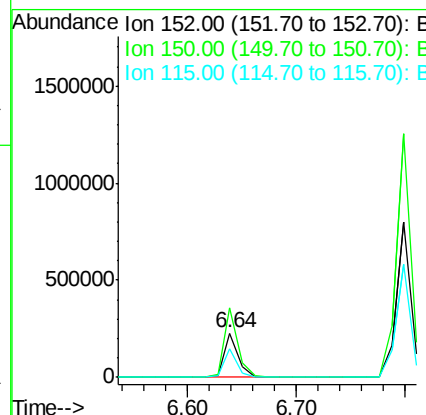
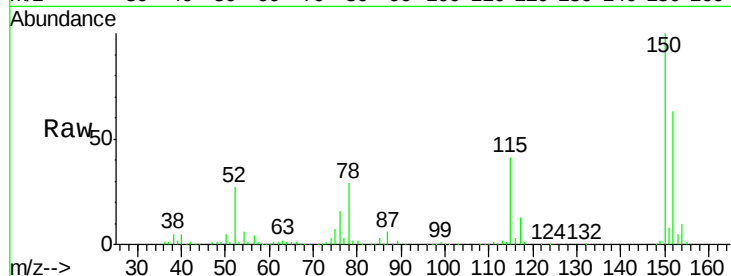
ClientSampleId :

CWC-MISC-2-20151116

Tot Ion:	152	Resp:	205486
Ion Ratio	Lower	Upper	
152	100		
150	157.5	125.8	188.8
115	65.2	46.9	70.3

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#5

2-Fluorophenol

Concen: 132.69 ng

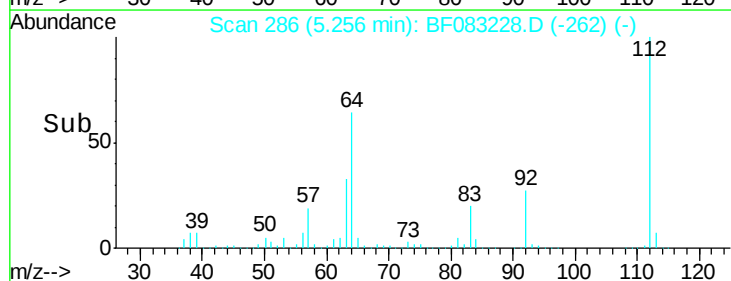
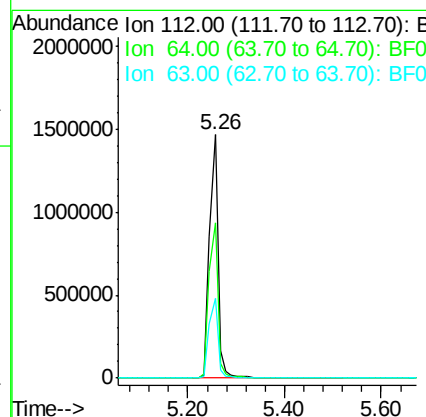
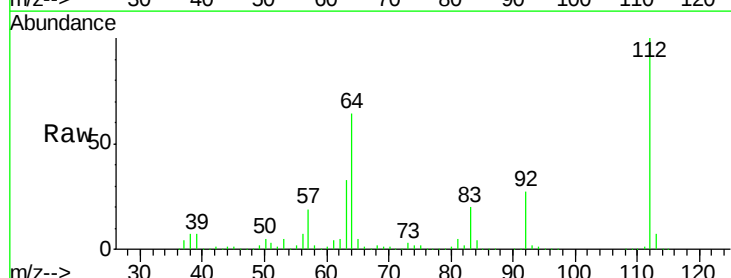
RT: 5.26 min Scan# 286

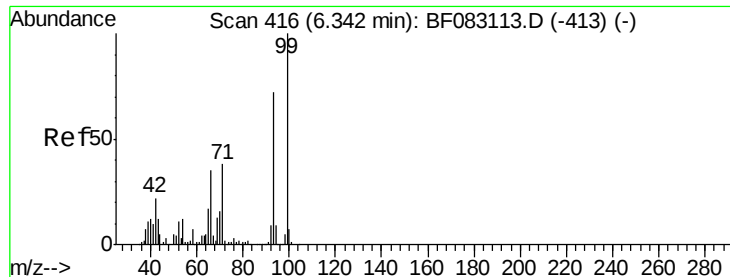
Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Tgt Ion:	112	Resp:	1803500
Ion Ratio	Lower	Upper	
112	100		
64	63.7	58.4	87.6
63	32.7	30.0	45.0





#7

Phenol-d6

Concen: 140.85 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-2-20151116

Tot Ion: 99 Resp: 2477045

Ion Ratio Lower Upper

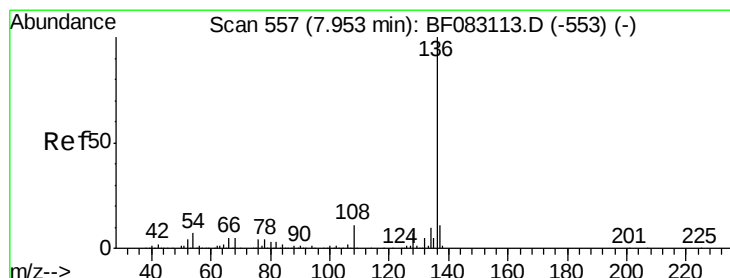
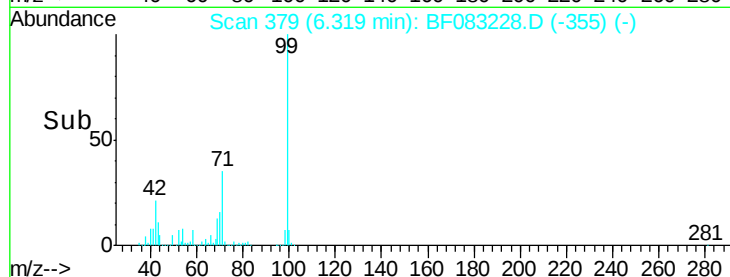
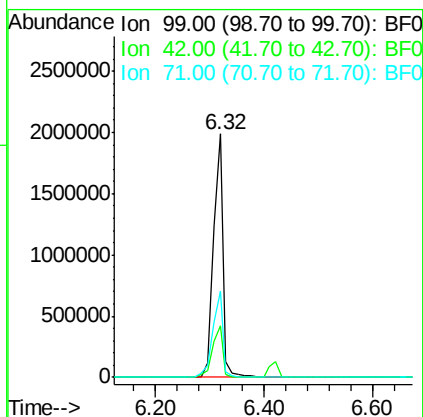
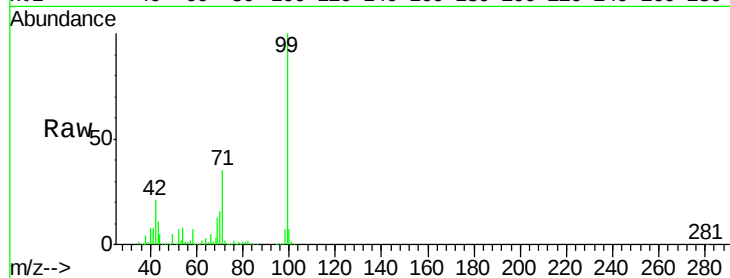
99 100

42 21.2 17.7 26.5

71 35.2 30.2 45.4

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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: BF083228.D

Acq: 24 Nov 2015 3:00

Tgt Ion: 136 Resp: 799316

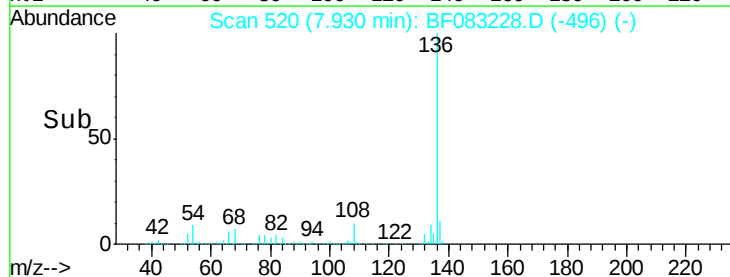
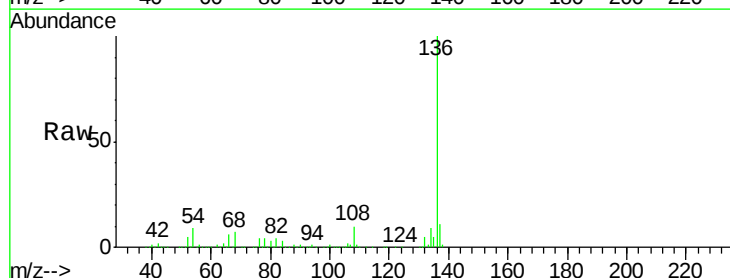
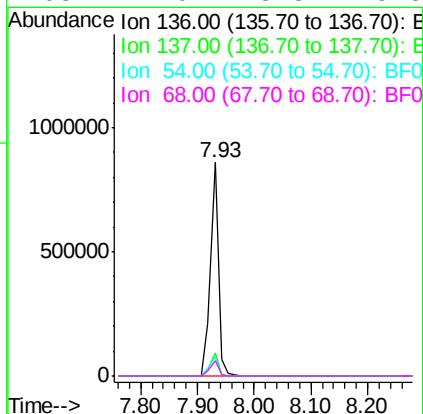
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 5.8 8.6#

68 7.0 3.8 5.8#





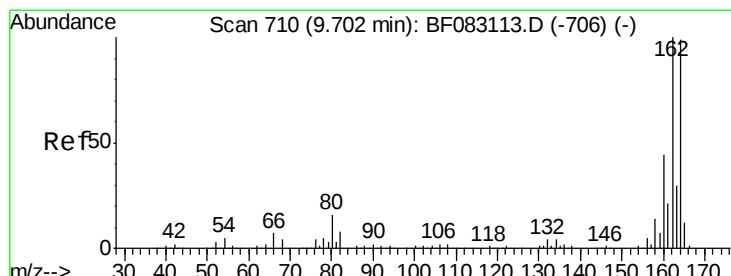
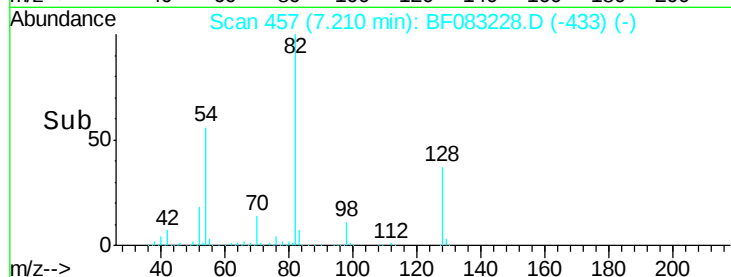
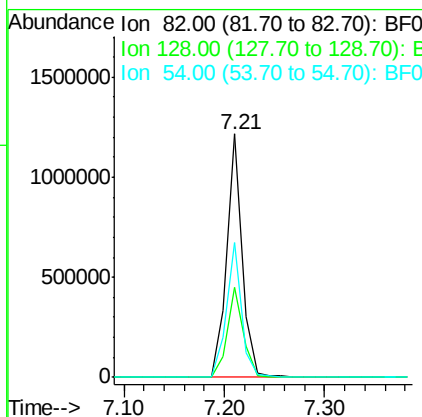
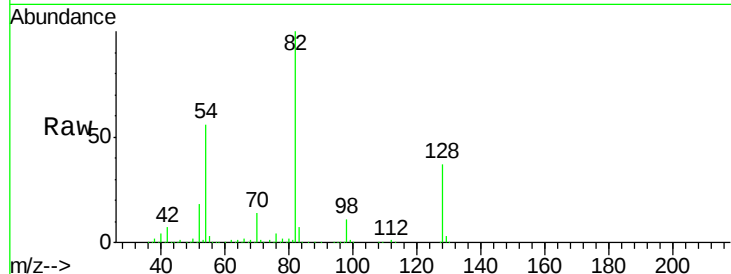
#23
Nitrobenzene-d5
Concen: 74.64 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

Tot Ion: 82 Resp: 1305683
Ion Ratio Lower Upper
82 100
128 37.0 28.5 42.7
54 55.6 44.6 67.0

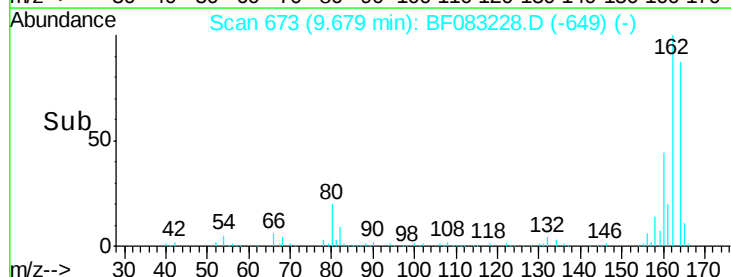
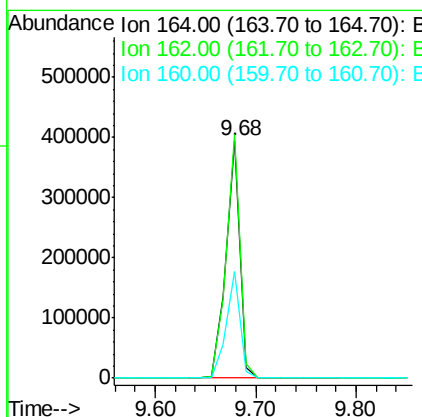
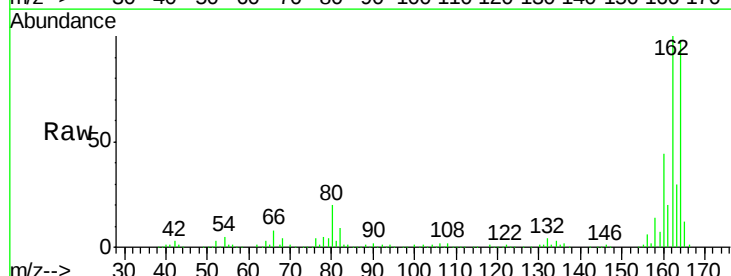
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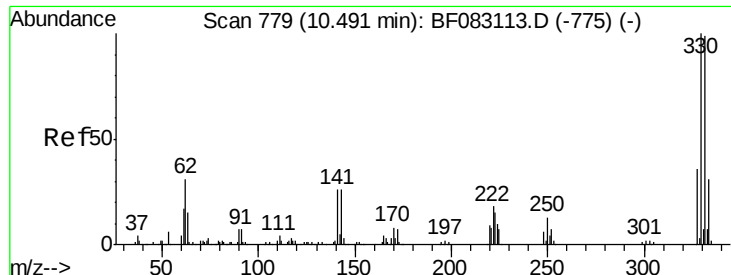
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Tgt Ion: 164 Resp: 379694
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.9 35.6 53.4





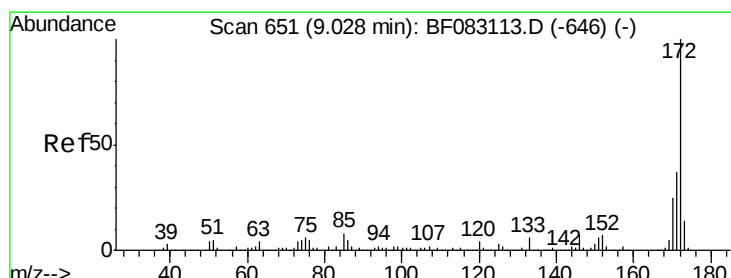
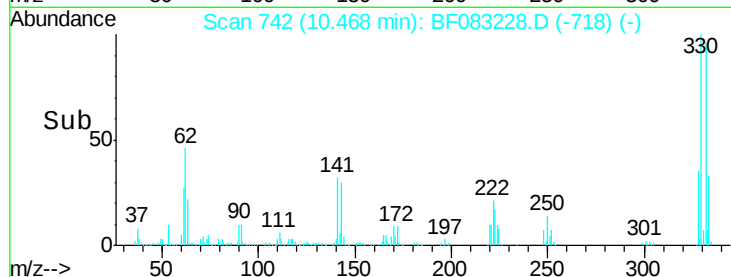
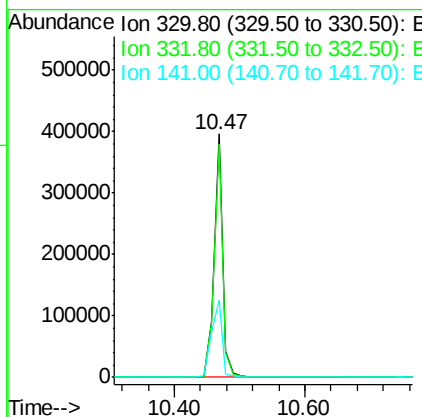
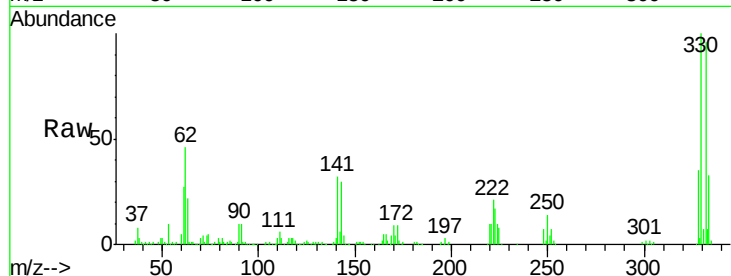
#41
 2,4,6-Tribromophenol
 Concen: 96.41 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083228.D
 Acq: 24 Nov 2015 3:00

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-2-20151116

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	39.1	29.7	44.5

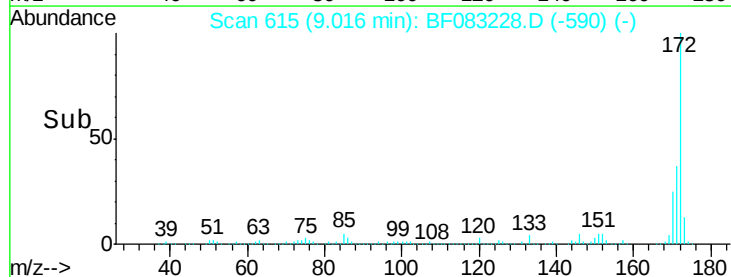
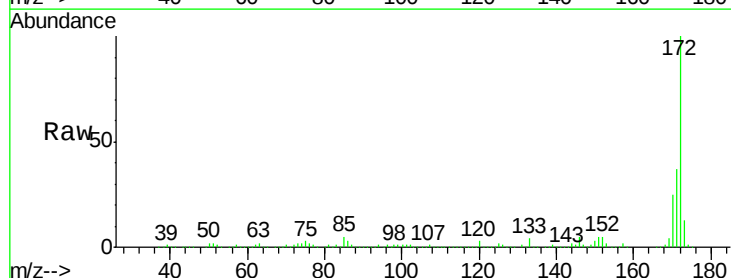
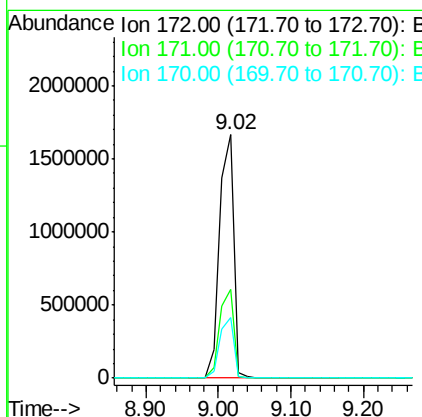
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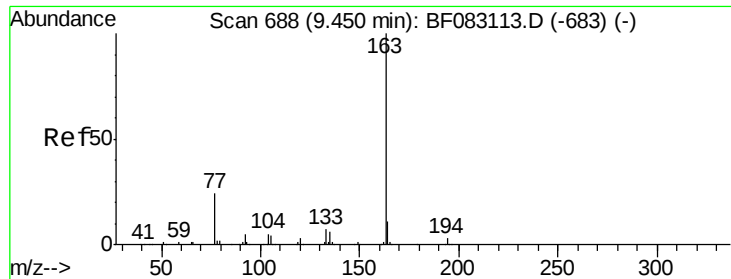
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#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083228.D
 Acq: 24 Nov 2015 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.7	19.9	29.9





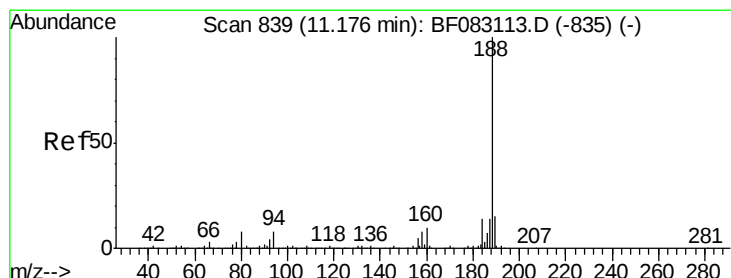
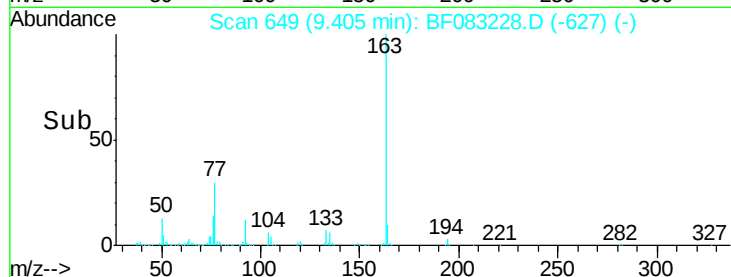
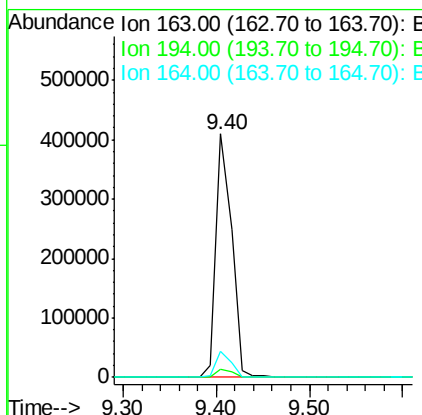
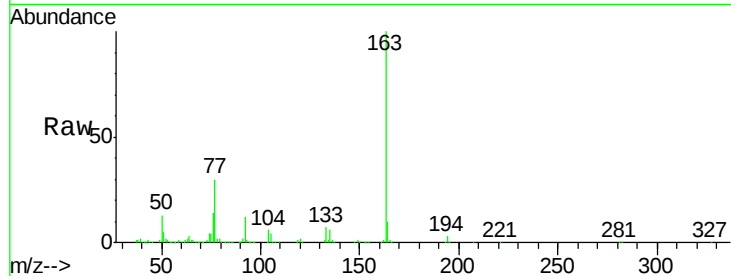
#49
Dimethylphthalate
Concen: 16.37 ng
RT: 9.40 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		478619		
194	3.1		2.6	4.0	
164	10.5		8.6	12.8	

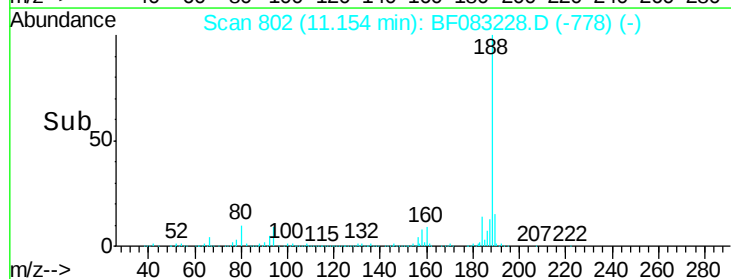
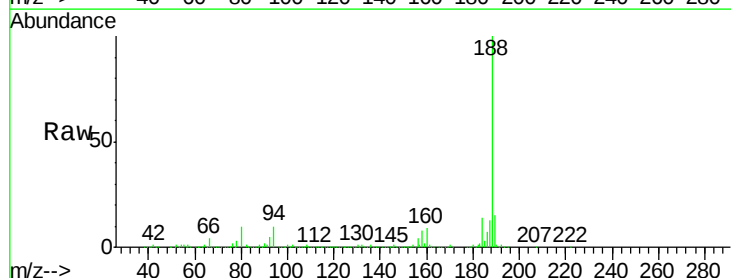
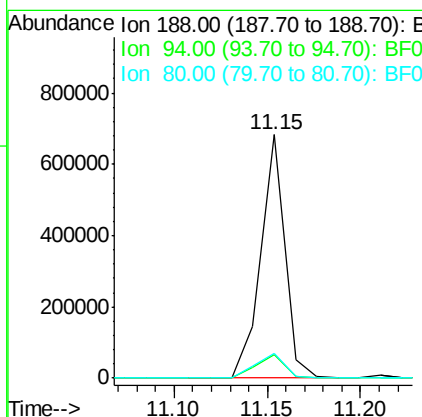
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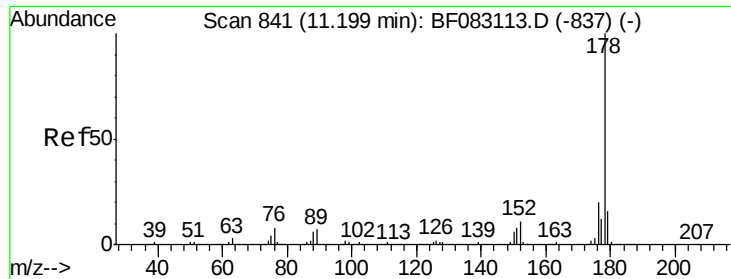
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		607982		
94	9.5		6.0	9.0#	
80	10.4		6.7	10.1#	





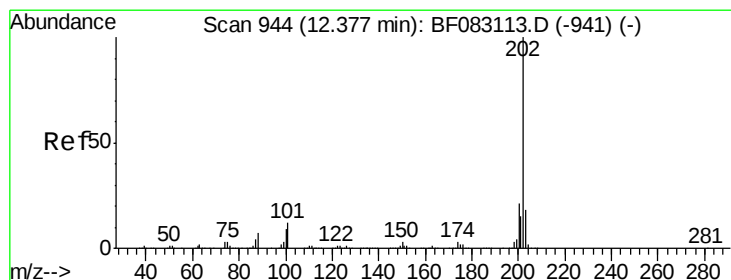
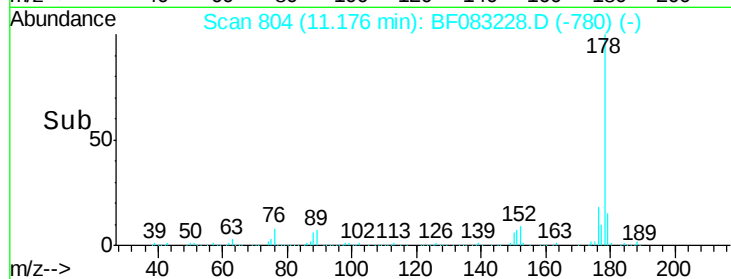
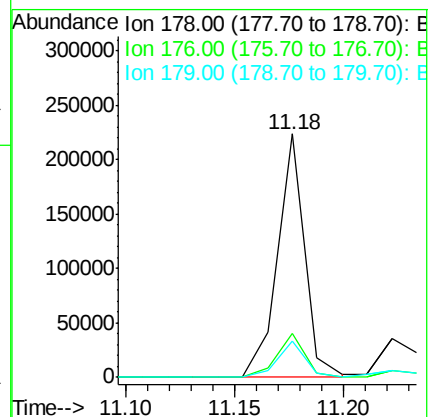
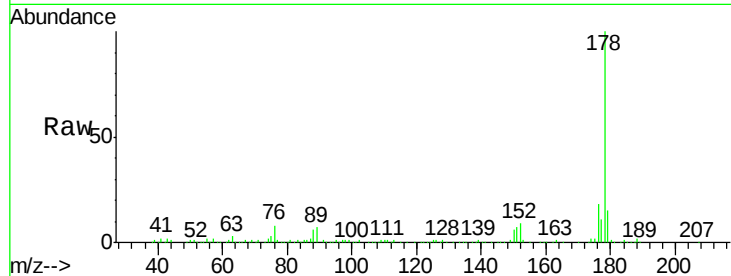
#70
Phenanthrene
Concen: 5.60 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.2
179	14.7	12.8	19.2

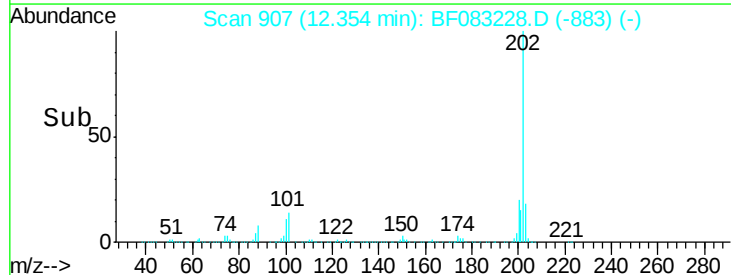
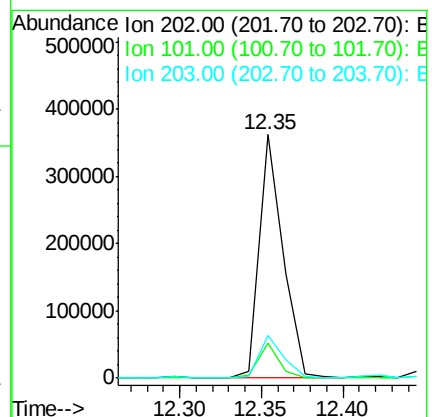
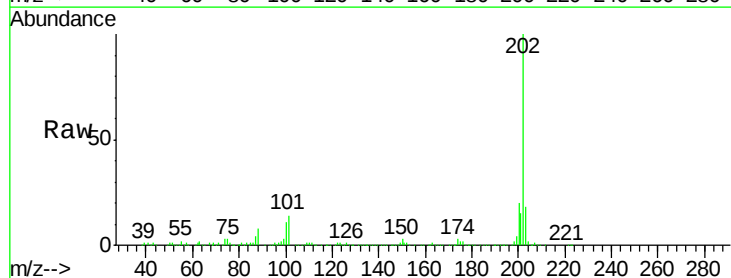
Manual Integrations
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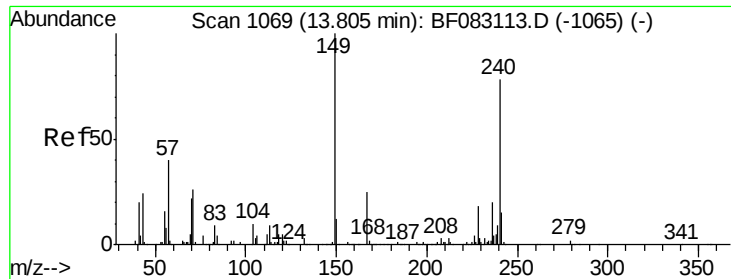
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#74
Fluoranthene
Concen: 10.18 ng
RT: 12.35 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.3
203	17.7	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: BF083228.D

Acq: 24 Nov 2015 3:00

Instrument :

BNA_F

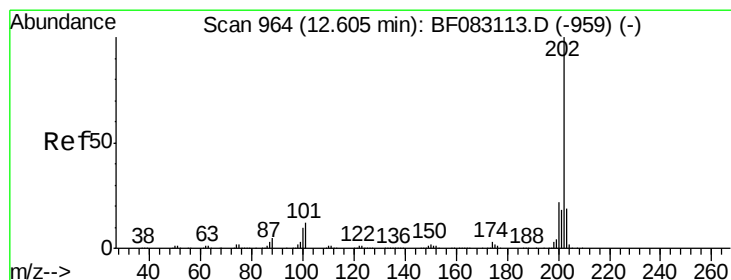
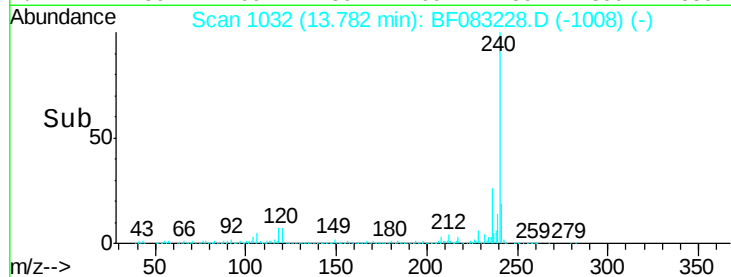
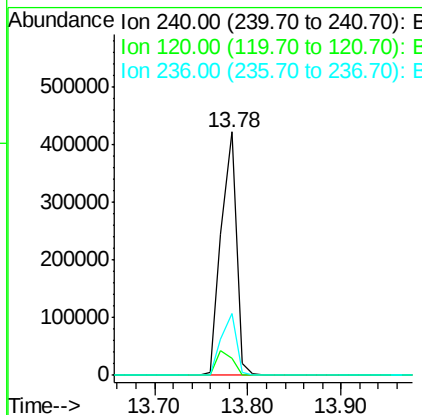
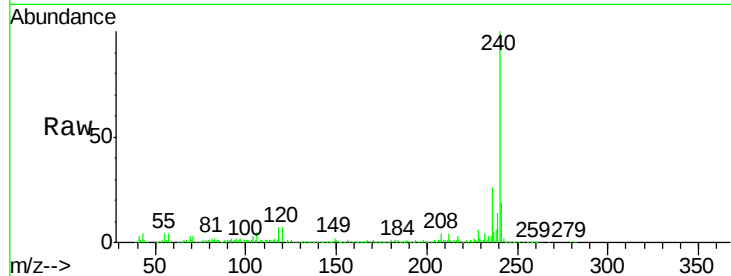
ClientSampleId :

CWC-MISC-2-20151116

Tot Ion	Ion	Ratio	Resp	Lower	Upper
480151	240	100			
	120	6.8		5.4	8.2
	236	25.7		20.6	31.0

Manual Integrations
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#77

Pyrene

Concen: 10.92 ng

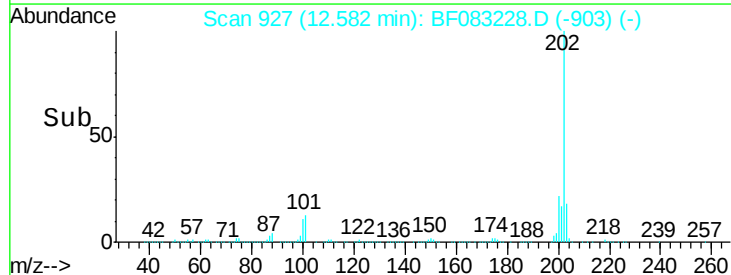
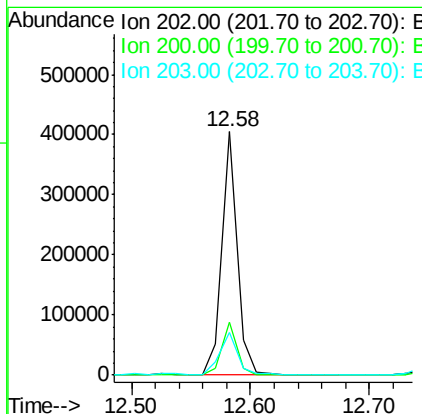
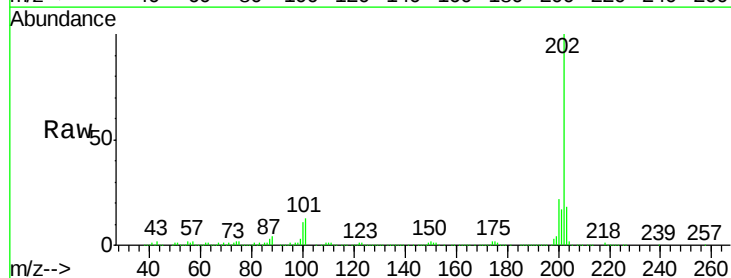
RT: 12.58 min Scan# 927

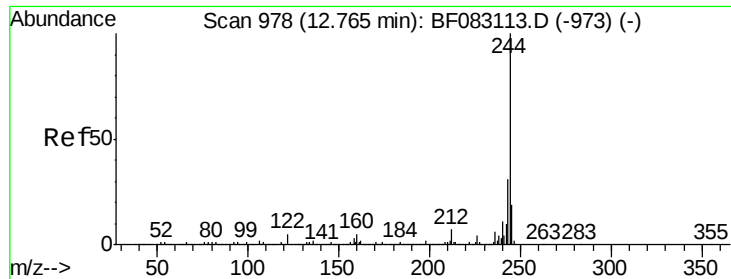
Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
358230	202	100			
	200	21.6		17.8	26.6
	203	17.8		15.0	22.4





#78

Terphenyl-d14

Concen: 80.64 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-2-20151116

Tot Ion:244 Resp: 1644178

Ion Ratio Lower Upper

244 100

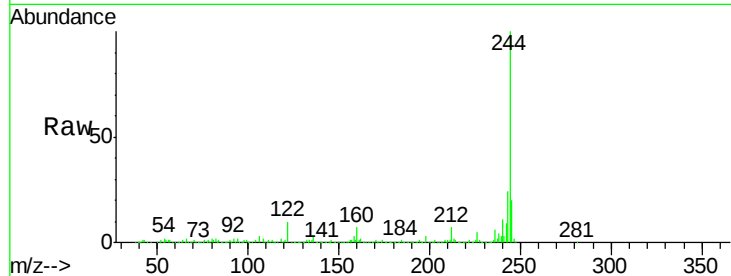
212 7.3 5.4 8.2

122 10.2 4.3 6.5#

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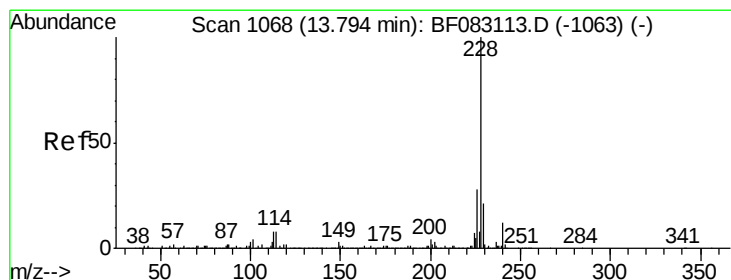
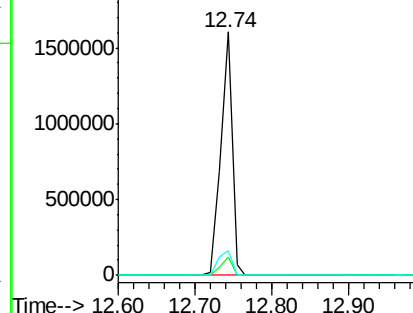
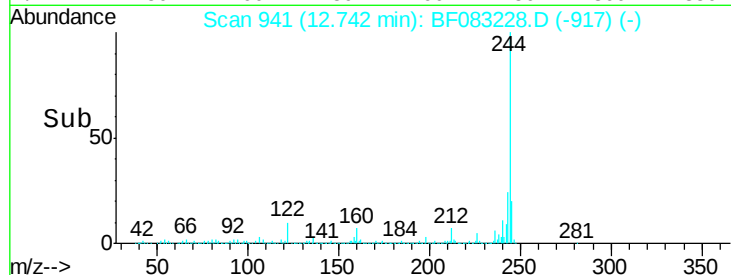
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 6.00 ng m

RT: 13.77 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

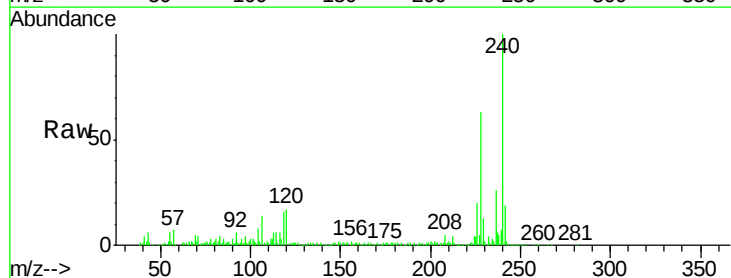
Tgt Ion:228 Resp: 178266

Ion Ratio Lower Upper

228 100

226 31.7 22.6 33.8

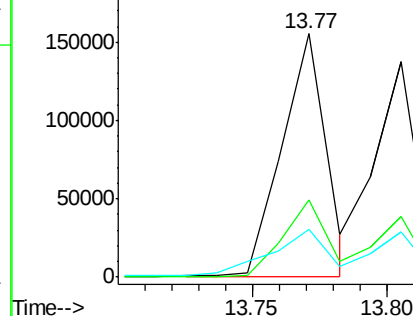
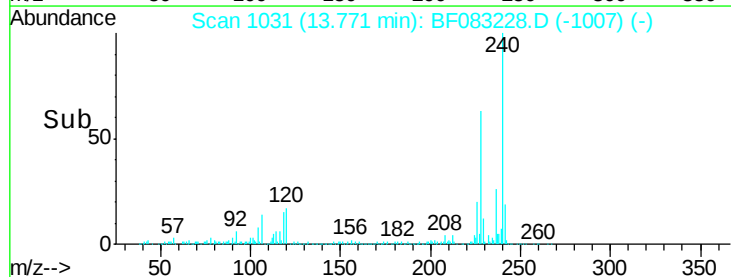
229 19.7 16.6 24.8

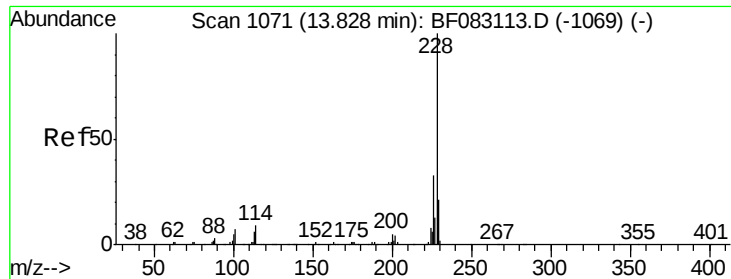


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





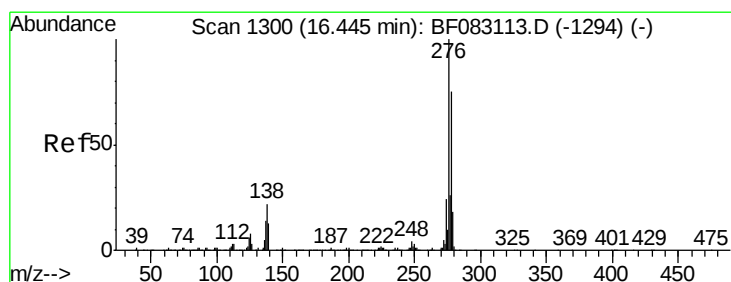
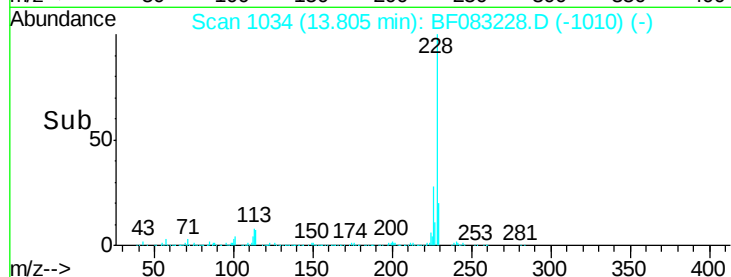
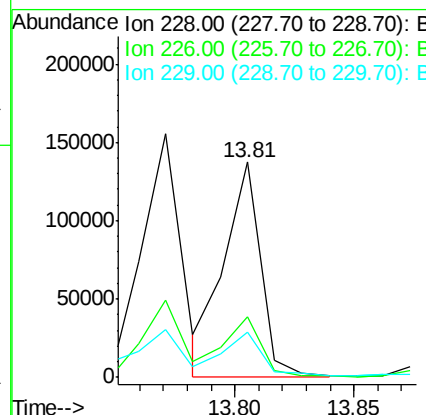
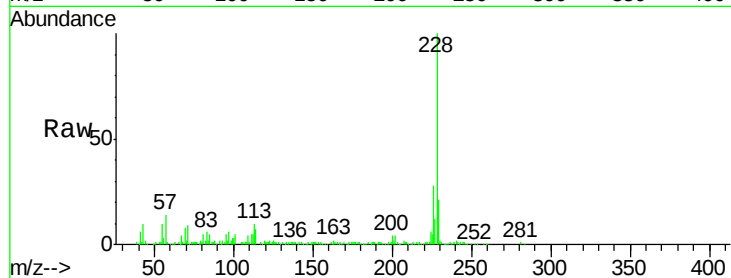
#82
Chrysene
Concen: 5.37 ng/ml
RT: 13.81 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.5	38.3
229	21.1	16.6	25.0

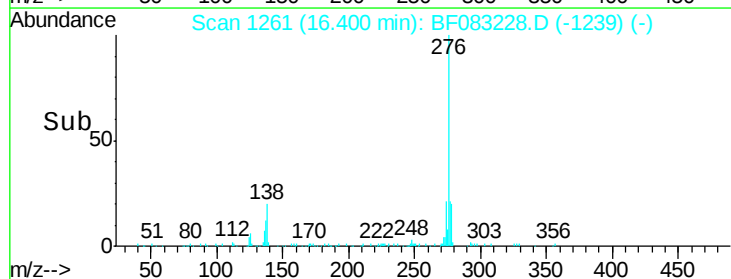
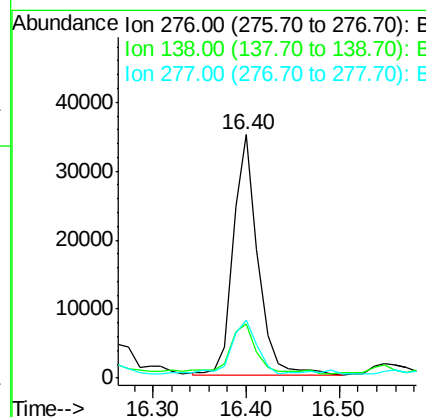
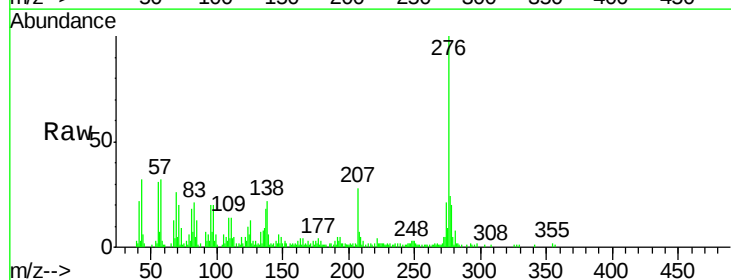
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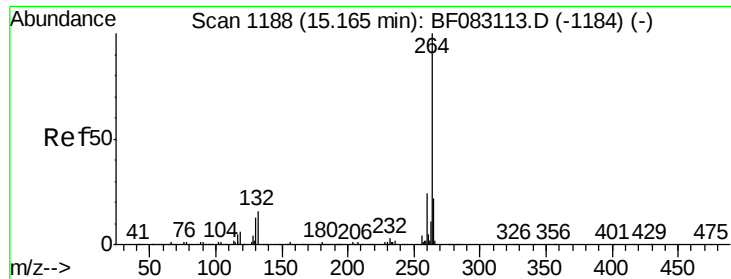
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.58 ng
RT: 16.40 min Scan# 1261
Delta R.T. -0.05 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.0	27.0
277	25.0	20.2	30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Instrument :

BNA_F

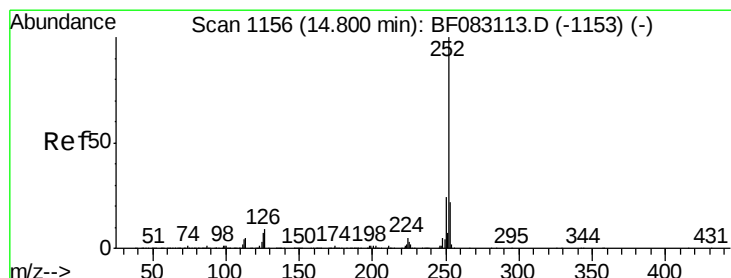
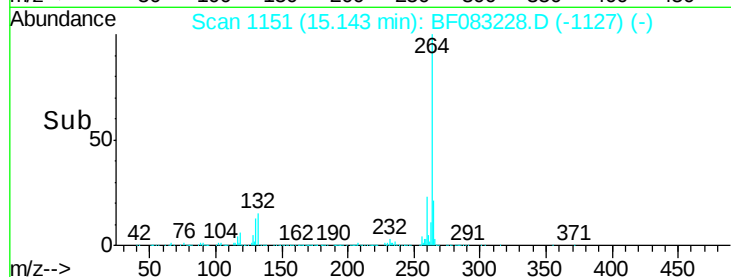
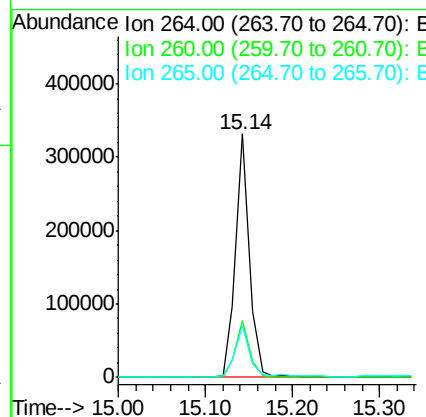
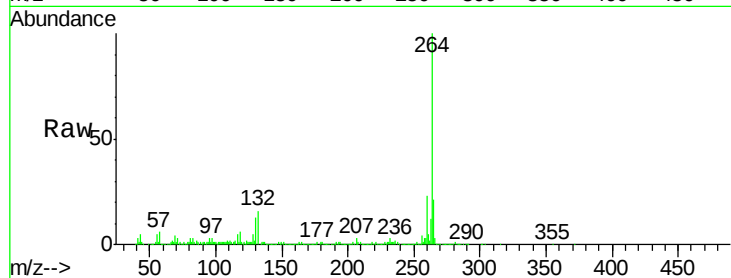
ClientSampleId :

CWC-MISC-2-20151116

Tot Ion:	264	Resp:	371060
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.1	28.7
265	21.3	18.2	27.4

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#87

Benzo(b)fluoranthene

Concen: 6.97 ng m

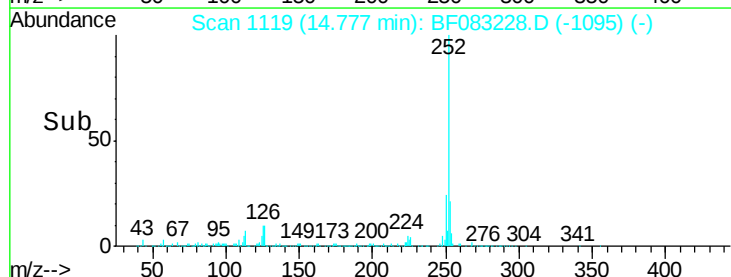
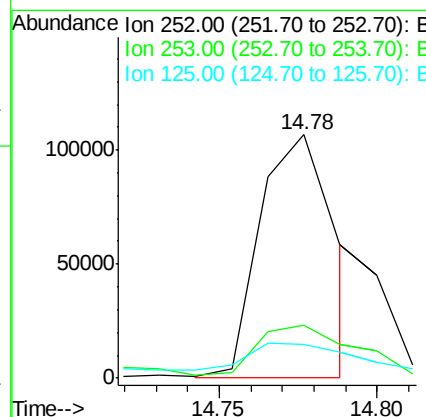
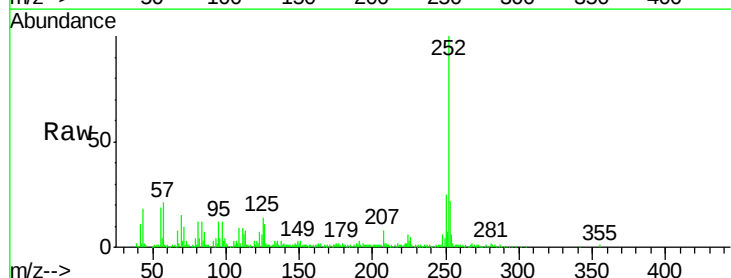
RT: 14.78 min Scan# 1119

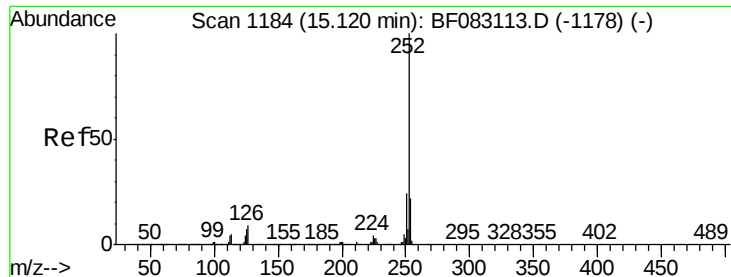
Delta R.T. -0.02 min

Lab File: BF083228.D

Acq: 24 Nov 2015 3:00

Tgt Ion:	252	Resp:	176680
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	13.7	5.6	8.4#





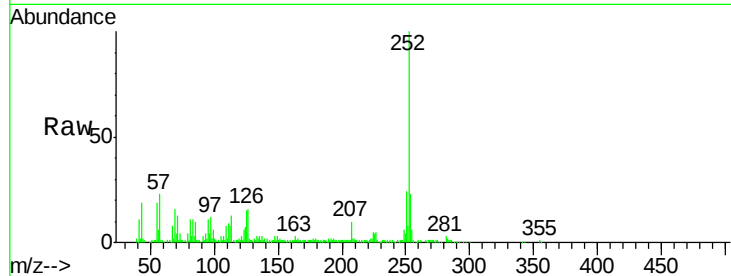
#89
Benzo(a)pyrene
Concen: 5.09 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

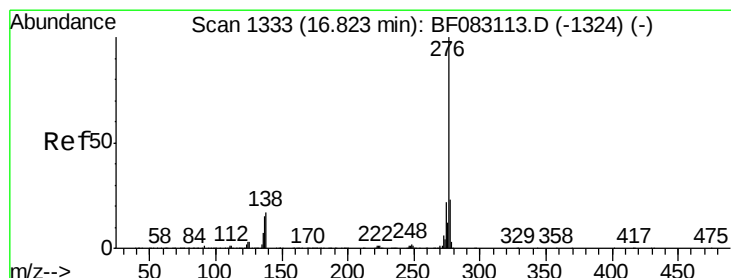
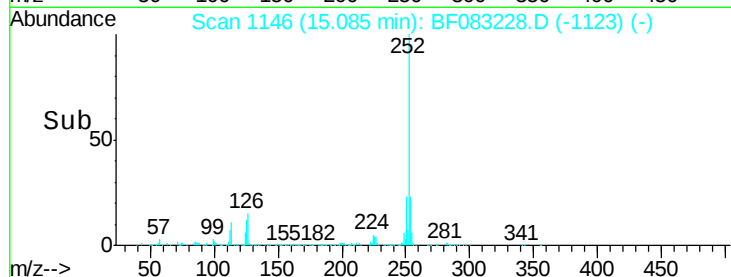
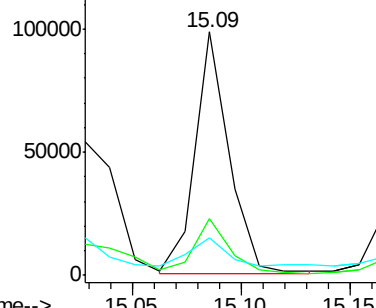
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.5	26.3
125	15.5	5.4	8.0#

Manual Integrations
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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



#91
Benzo(g,h,i)perylene
Concen: 2.98 ng
RT: 16.78 min Scan# 1294
Delta R.T. -0.05 min
Lab File: BF083228.D
Acq: 24 Nov 2015 3:00

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.3	18.7	28.1
138	24.1	13.9	20.9#

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

