

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083647.D
 Acq On : 9 Dec 2015 19:02
 Operator : UM/IZ
 Sample : G4697-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207

Manual Integrations
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Quant Time: Dec 10 04:24:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	151285	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	593849	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	277329	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	455048	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	332359	20.00	ng	-0.01
86) Perylene-d12	18.61	264	294030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	1264917	126.82	ng	-0.01
7) Phenol-d6	5.25	99	1790653	134.36	ng	-0.02
23) Nitrobenzene-d5	6.51	82	1129847	88.78	ng	-0.02
41) 2,4,6-Tribromophenol	11.65	330	245297	99.28	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	1587596	80.57	ng	-0.02
78) Terphenyl-d14	15.39	244	1041231	73.71	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.01	163	330169	14.96	ng	Qvalue 98
70) Phenanthrene	12.80	178	182115	6.97	ng	99
74) Fluoranthene	14.73	202	214548	8.02	ng	99
77) Pyrene	15.08	202	207527	8.67	ng	# 96
80) Benzo(a)anthracene	16.97	228	97887	5.03	ng	97
82) Chrysene	17.01	228	85295	4.37	ng	98
83) Bis(2-ethylhexyl)phthalate	17.07	149	31428	2.13	ng	99
85) Indeno(1,2,3-cd)pyrene	19.89	276	34635	2.63	ng	# 100
87) Benzo(b)fluoranthene	18.25	252	103871m	6.20	ng	
89) Benzo(a)pyrene	18.58	252	66855	4.09	ng	# 87
91) Benzo(g,h,i)perylene	20.25	276	34093	2.80	ng	94

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

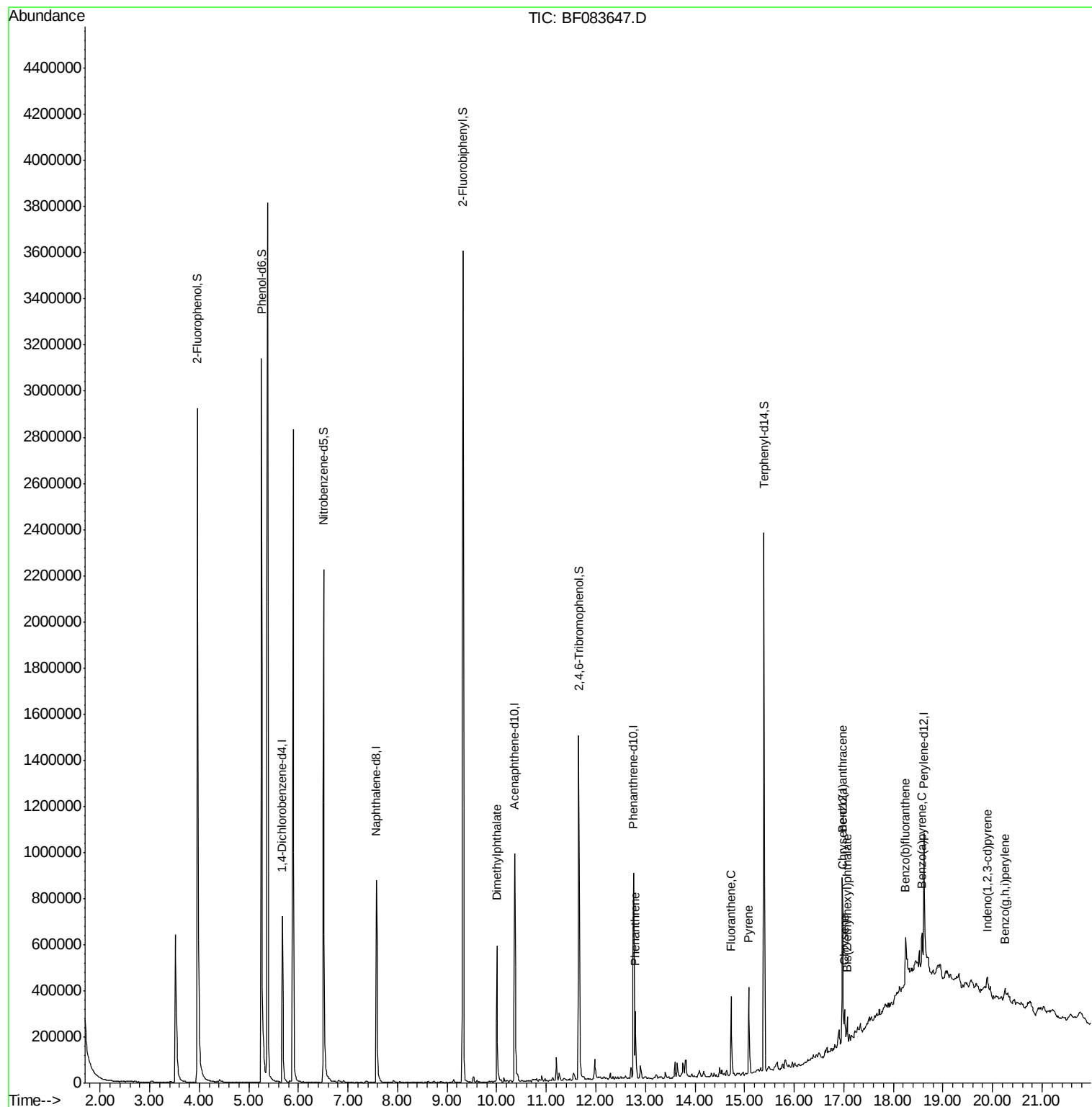
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083647.D
Acq On : 9 Dec 2015 19:02
Operator : UM/IZ
Sample : G4697-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

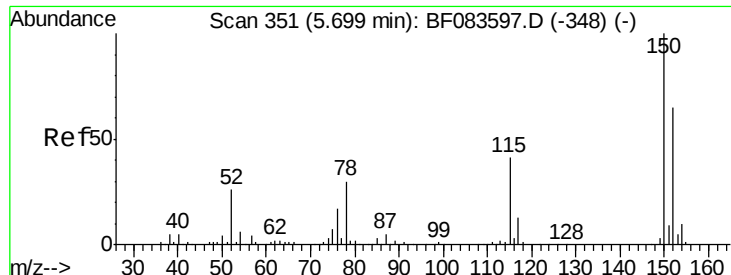
Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207

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Quant Time: Dec 10 04:24:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

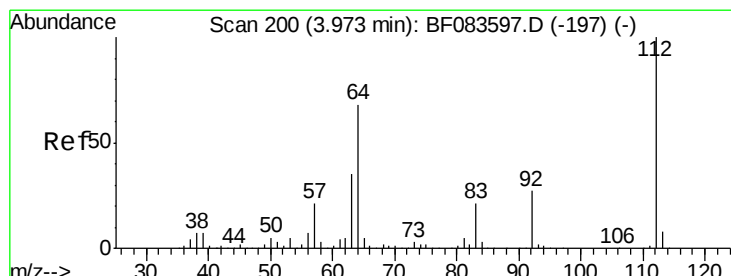
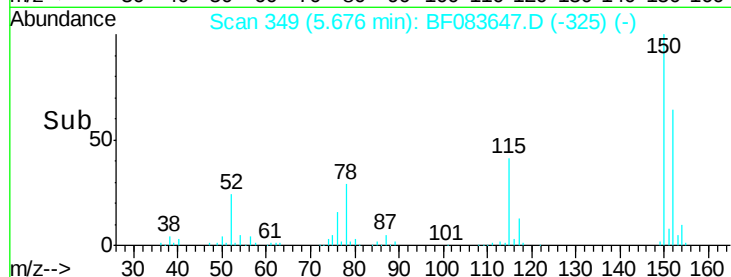
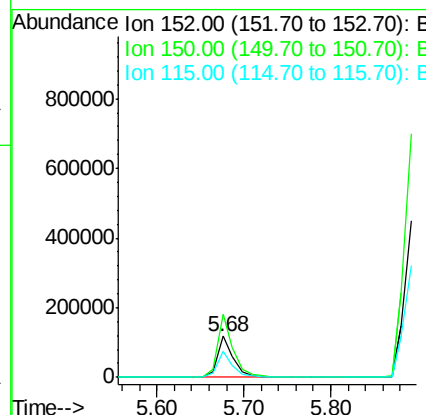
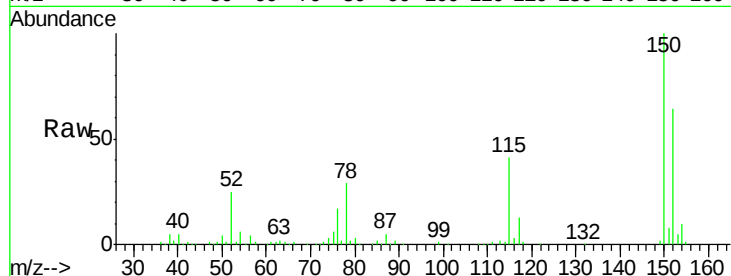
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	64.1	52.3	78.5

Manual Integrations
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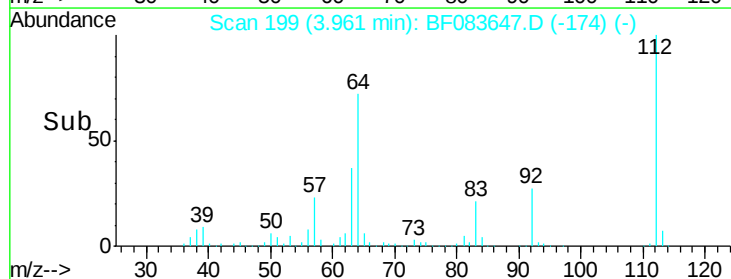
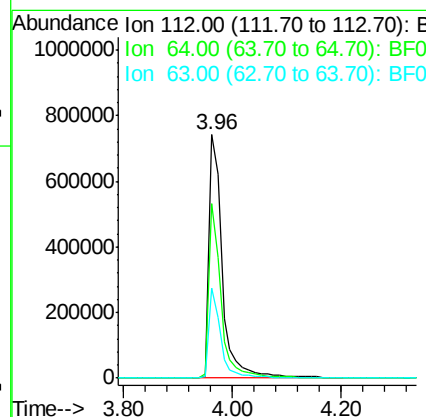
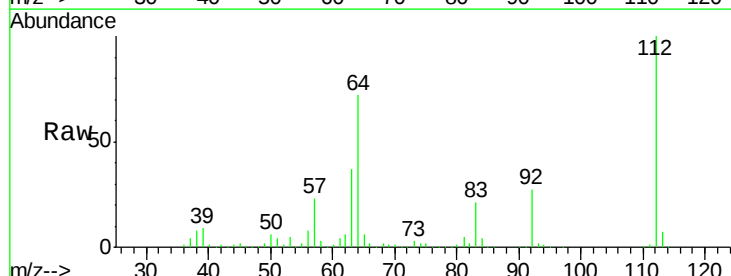
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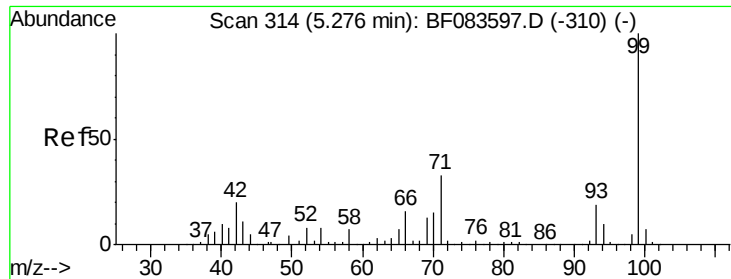


#5

2-Fluorophenol
Concen: 126.82 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	50.5	75.7
63	37.2	25.8	38.6





#7

Phenol-d6

Concen: 134.36 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207

Tot Ion: 99 Resp: 1790653

Ion Ratio Lower Upper

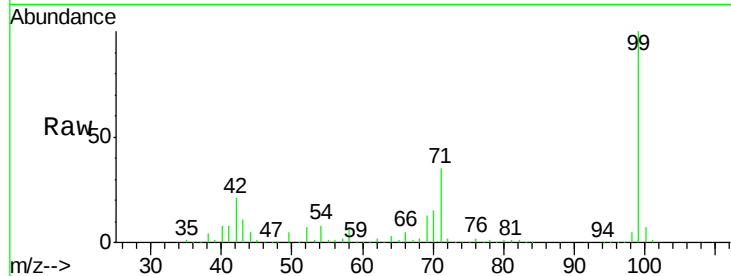
99 100

42 21.4 17.3 25.9

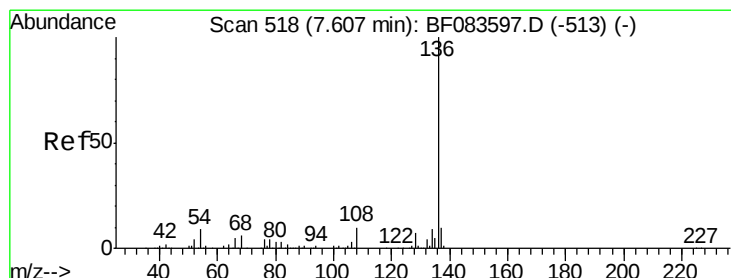
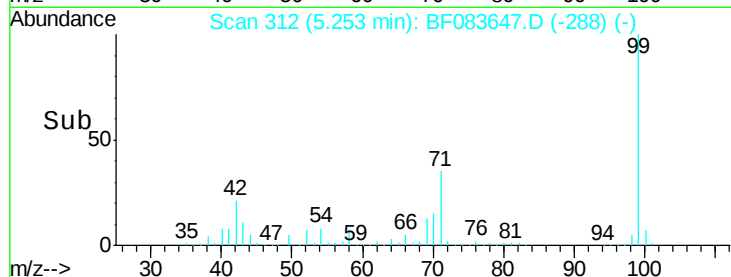
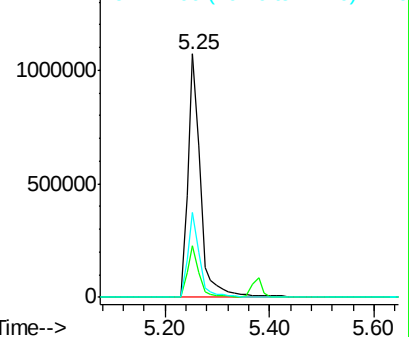
71 35.0 26.6 40.0

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Tgt Ion: 136 Resp: 593849

Ion Ratio Lower Upper

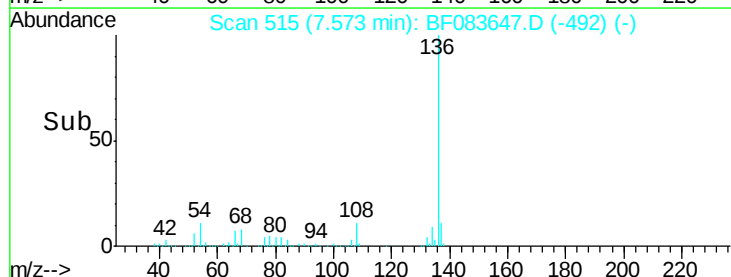
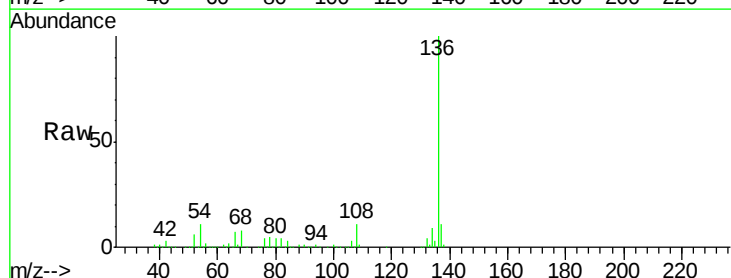
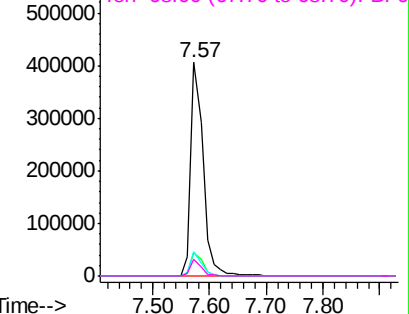
136 100

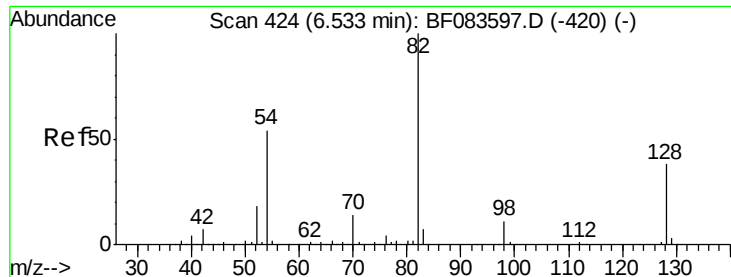
137 11.0 8.7 13.1

54 11.2 7.8 11.6

68 7.9 5.7 8.5

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





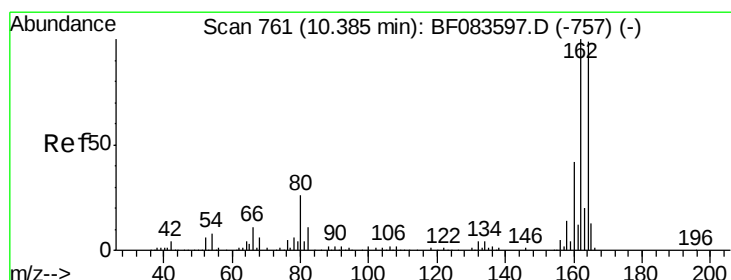
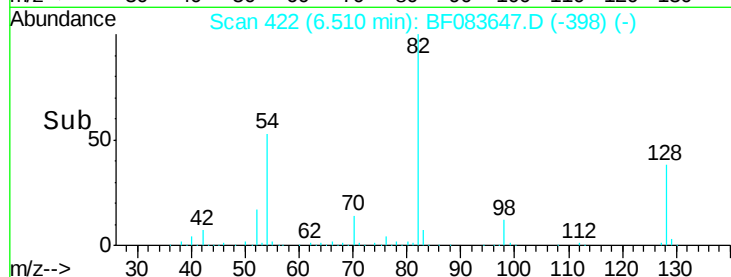
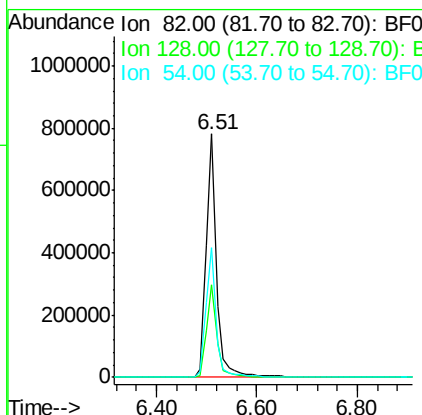
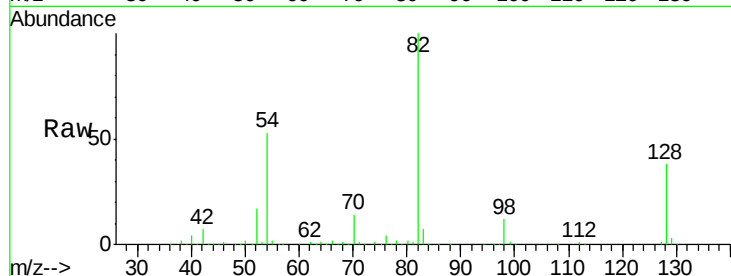
#23
 Nitrobenzene-d5
 Concen: 88.78 ng
 RT: 6.51 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	38.2	30.7	46.1	
54	53.4	42.5	63.7	

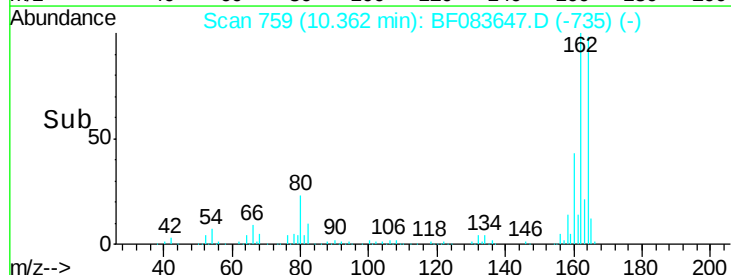
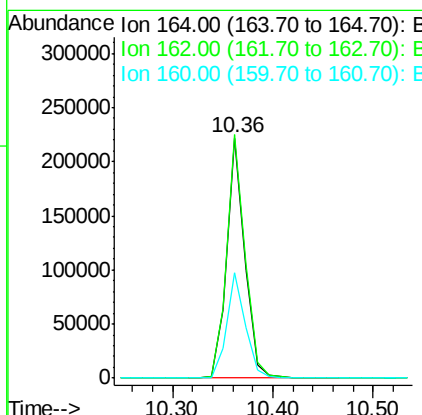
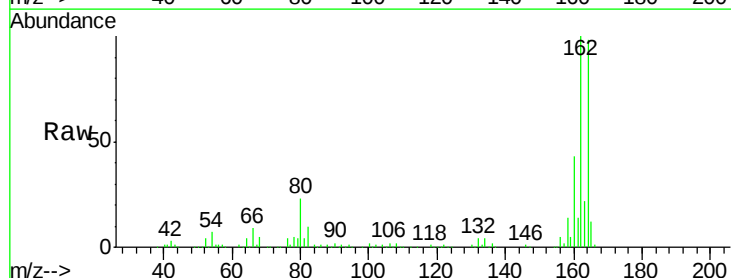
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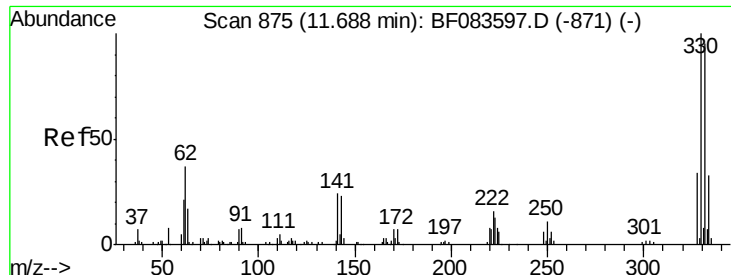
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	101.5	78.8	118.2	
160	44.0	33.4	50.2	





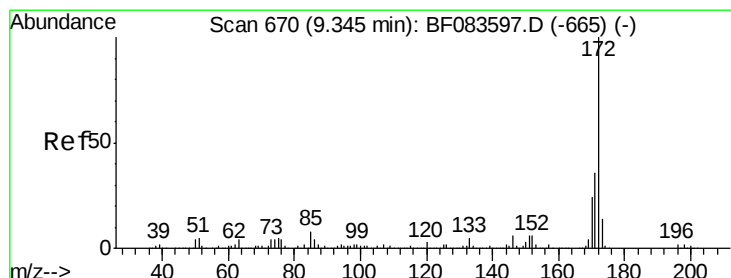
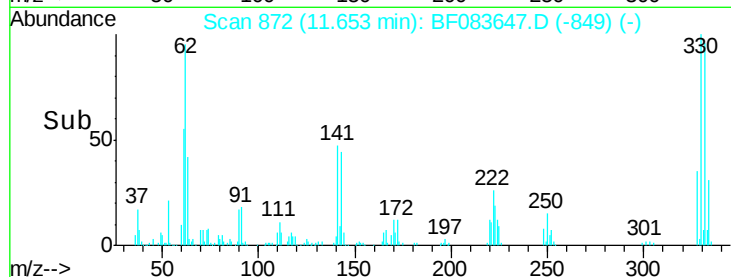
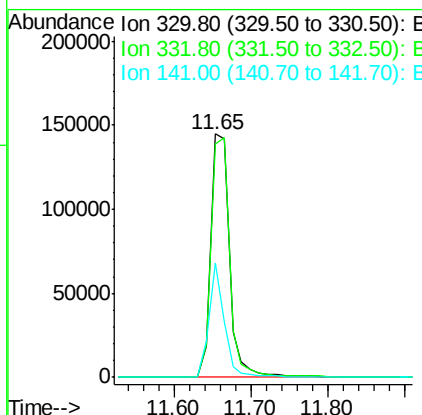
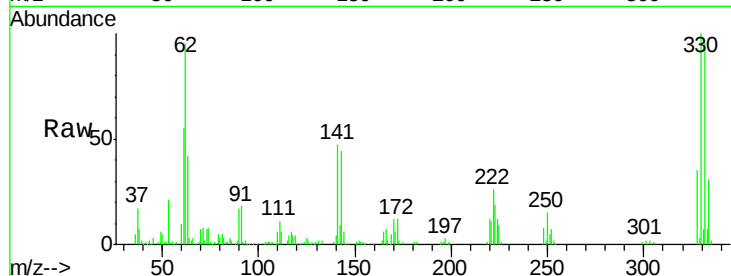
#41
 2,4,6-Tribromophenol
 Concen: 99.28 ng
 RT: 11.65 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245297		
332	98.7	0.0	0.0	0.0
141	38.7	0.0	0.0	0.0

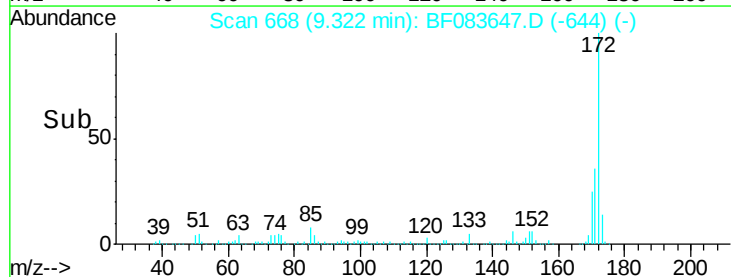
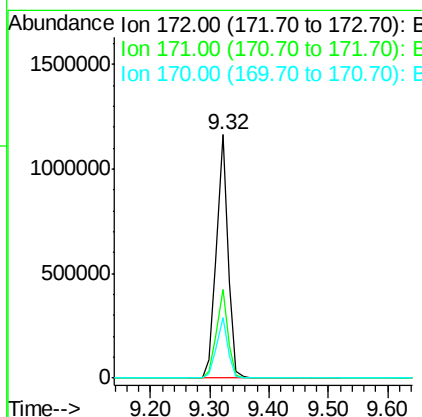
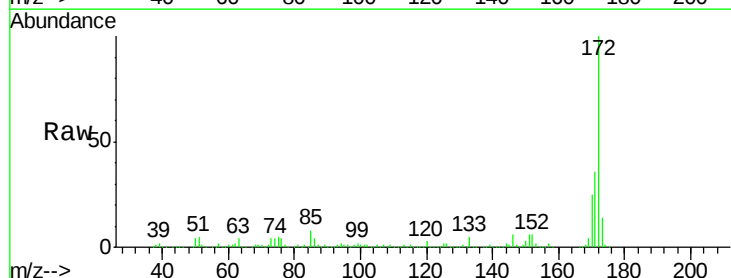
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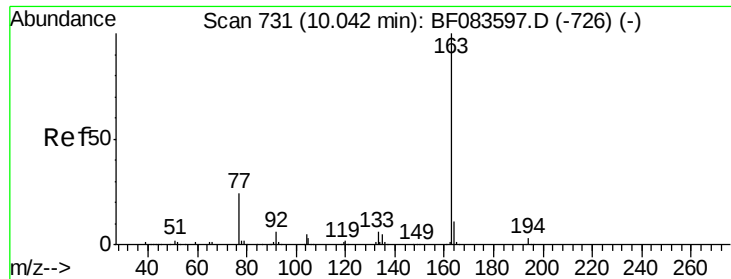
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#44
 2-Fluorobiphenyl
 Concen: 80.57 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1587596		
171	36.4	28.6	42.8	
170	25.0	19.4	29.0	





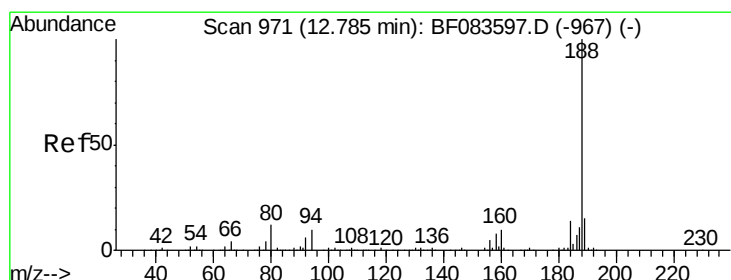
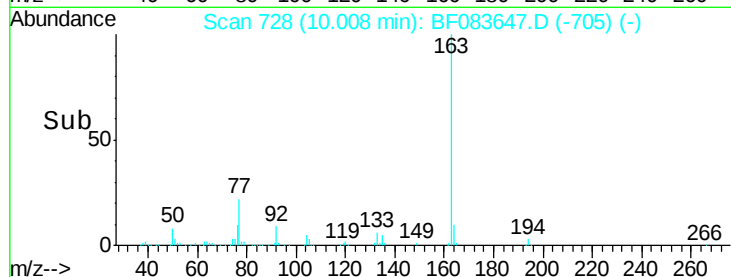
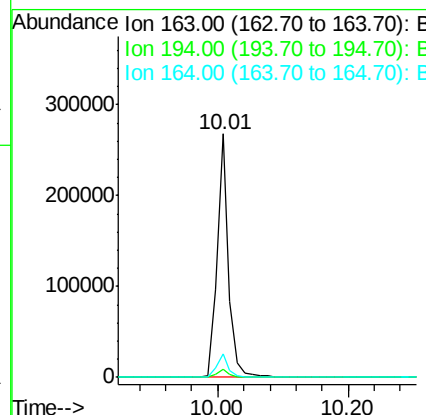
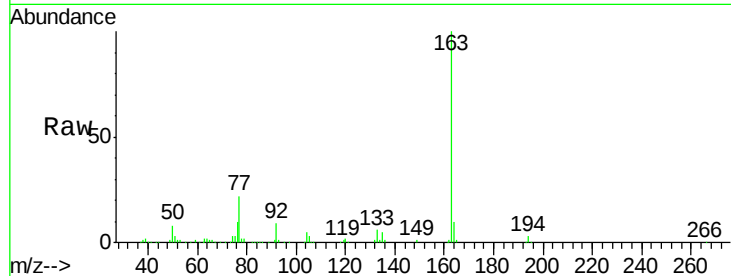
#49
Dimethylphthalate
Concen: 14.96 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207

Tot Ion	Ratio	Resp	Lower	Upper
163	100	330169		
194	3.1	2.8	4.2	
164	9.8	8.6	13.0	

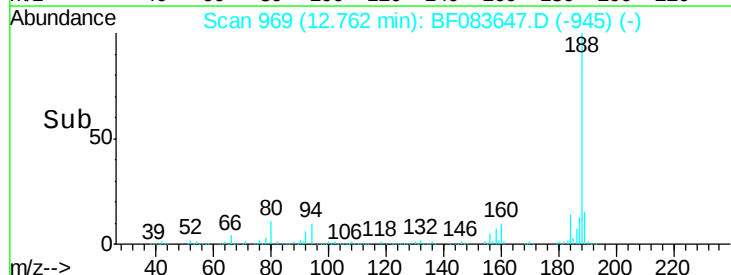
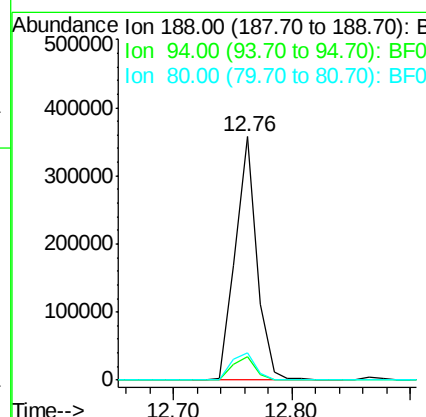
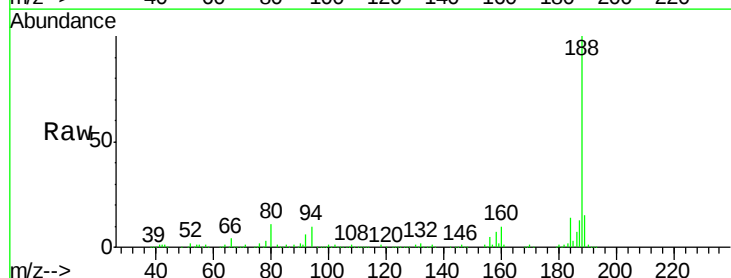
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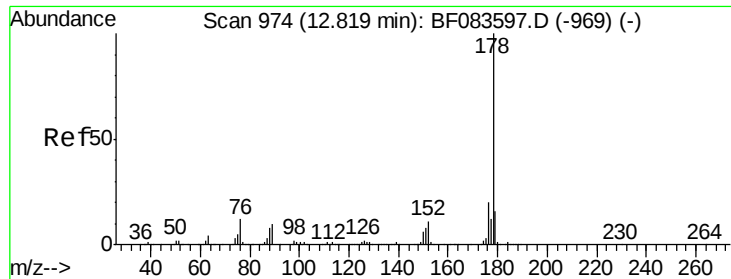
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	455048		
94	9.6	9.4	14.2	
80	11.3	10.6	16.0	





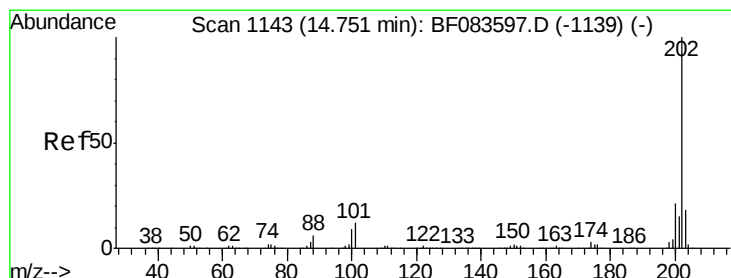
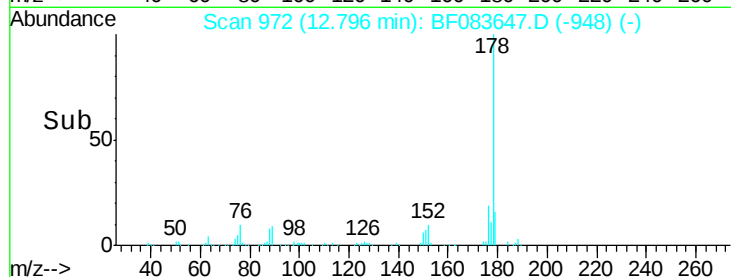
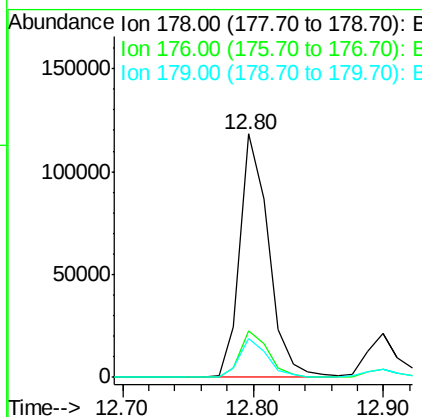
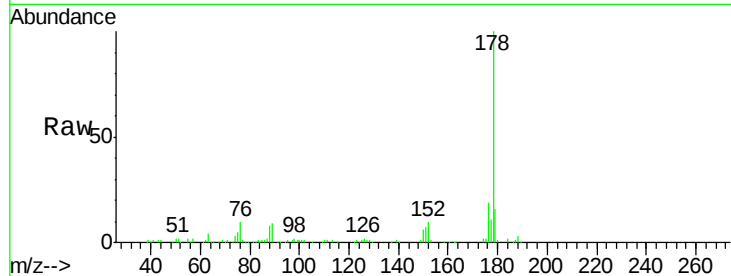
#70
Phenanthrene
Concen: 6.97 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.8	12.2	18.4

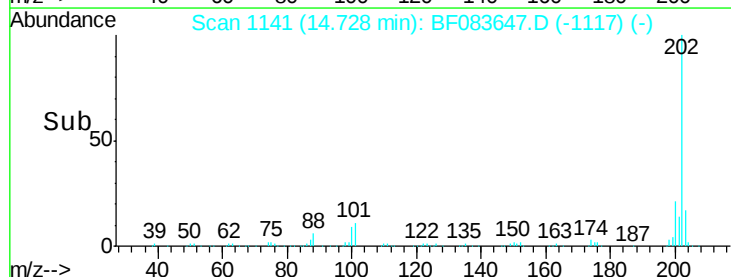
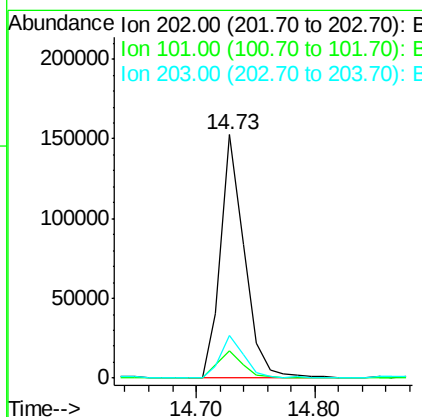
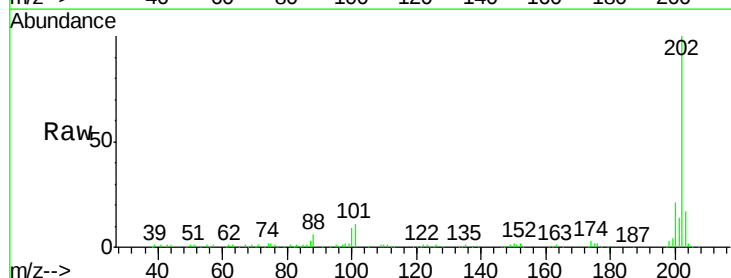
Manual Integrations
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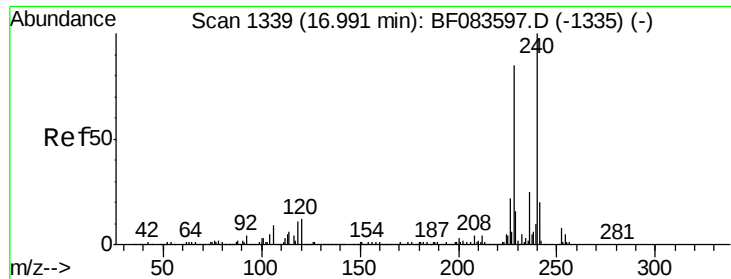
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12/10/2015 5:50:06 PM



#74
Fluoranthene
Concen: 8.02 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
203	17.4	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.98 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Instrument :

BNA_F

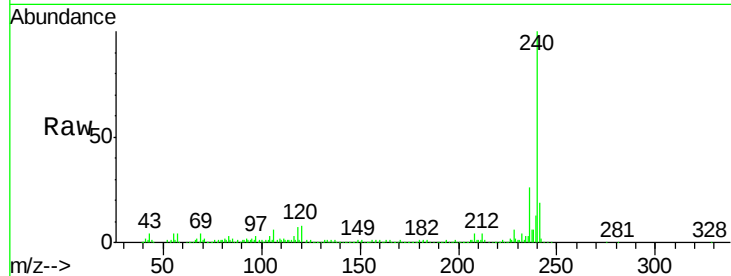
ClientSampleId :

CWC-MISC-8-20151207

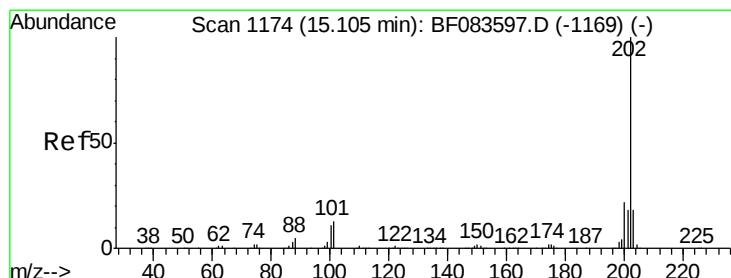
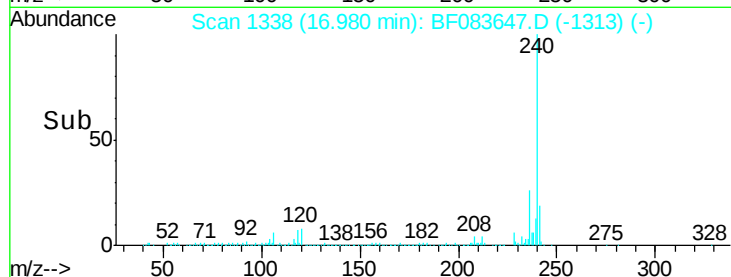
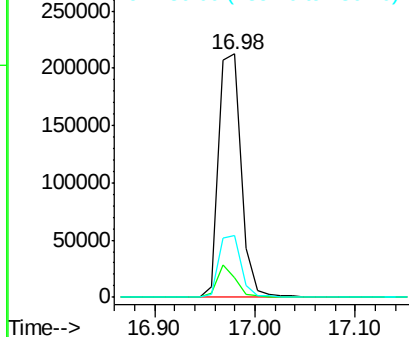
Tot Ion	Ratio	Resp	Lower	Upper
240	100	332359		
120	8.2		8.1	12.1
236	25.7		20.8	31.2

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:50:06 PM



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



#77

Pyrene

Concen: 8.67 ng

RT: 15.08 min Scan# 1172

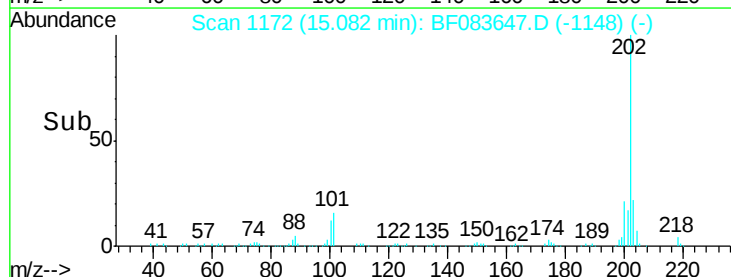
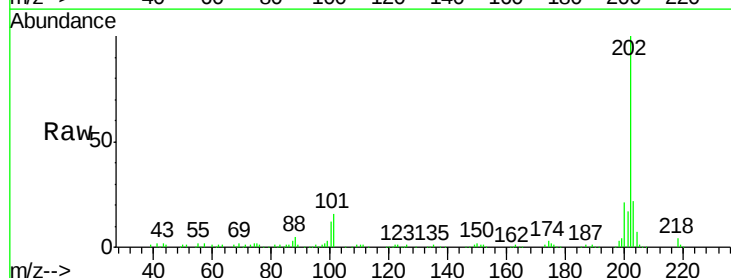
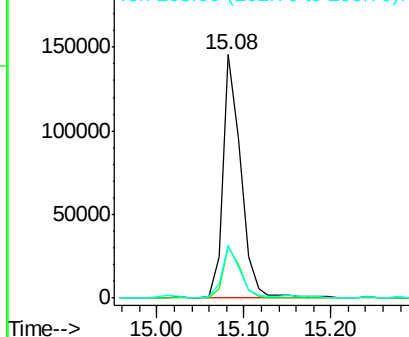
Delta R.T. -0.02 min

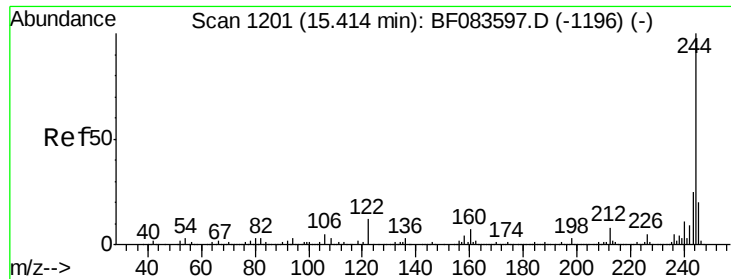
Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	207527		
200	21.1		16.7	25.1
203	21.5		14.3	21.5#

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





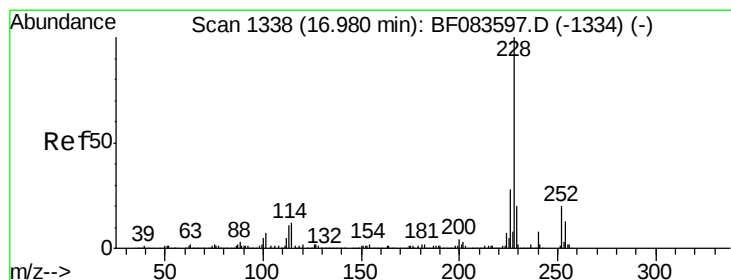
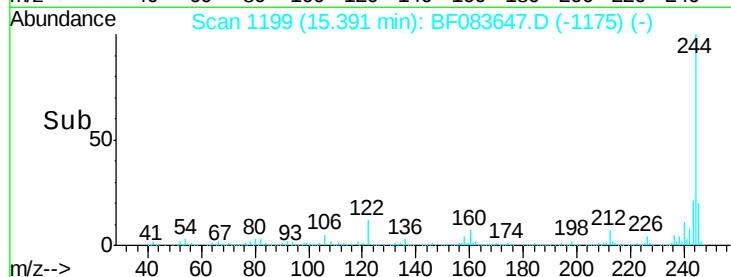
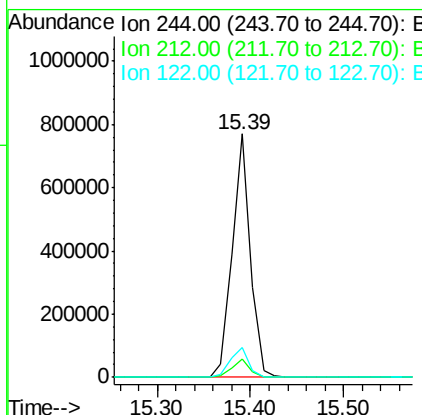
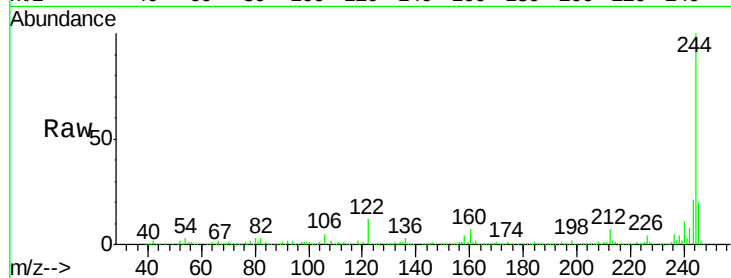
#78
 Terphenyl-d14
 Concen: 73.71 ng
 RT: 15.39 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-8-20151207

Tot Ion:244 Resp: 1041231
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.2 11.0 16.6

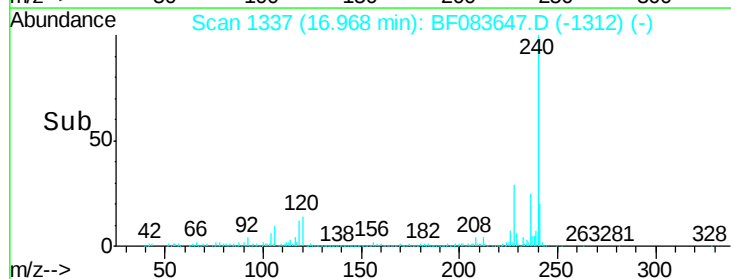
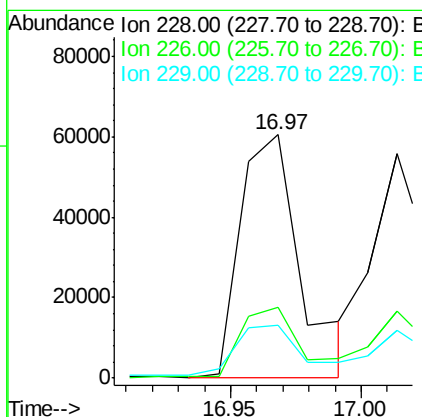
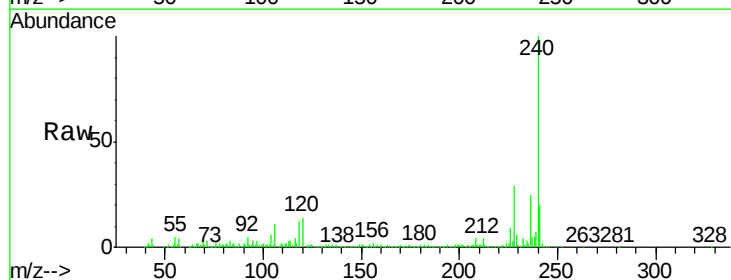
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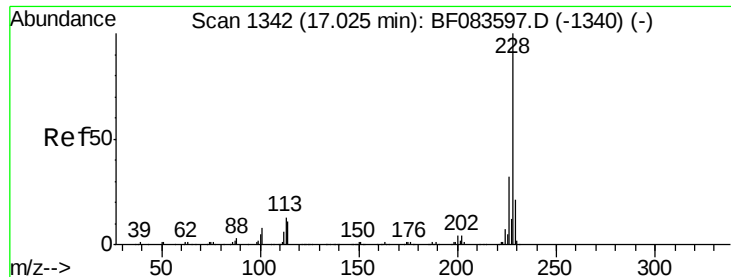
MMdadoda
 12/10/2015 5:50:06 PM



#80
 Benzo(a)anthracene
 Concen: 5.03 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083647.D
 Acq: 9 Dec 2015 19:02

Tgt Ion:228 Resp: 97887
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.3 33.5
 229 21.7 15.7 23.5





#82

Chrysene

Concen: 4.37 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Instrument :

BNA_F

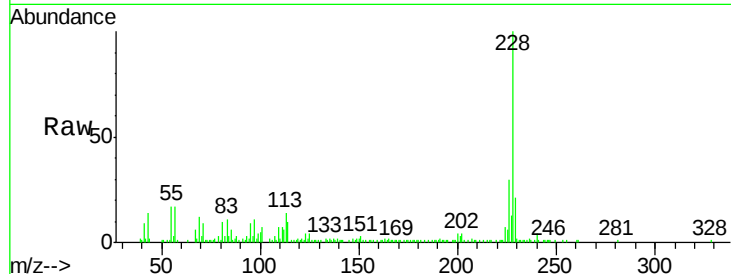
ClientSampleId :

CWC-MISC-8-20151207

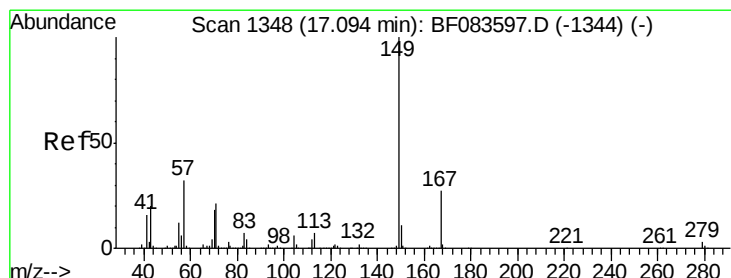
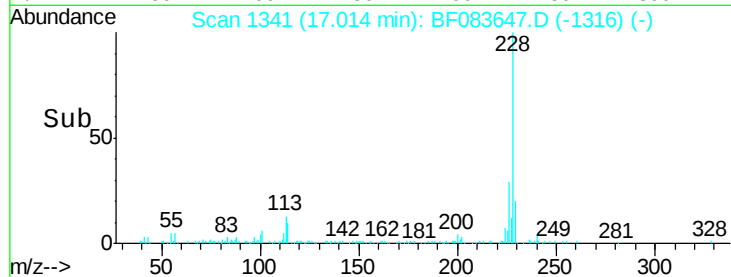
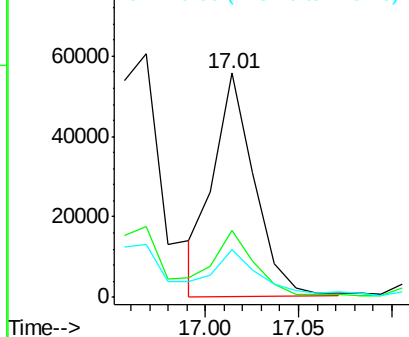
Tot Ion:	228	Resp:	85295
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	21.3	16.3	24.5

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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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.13 ng

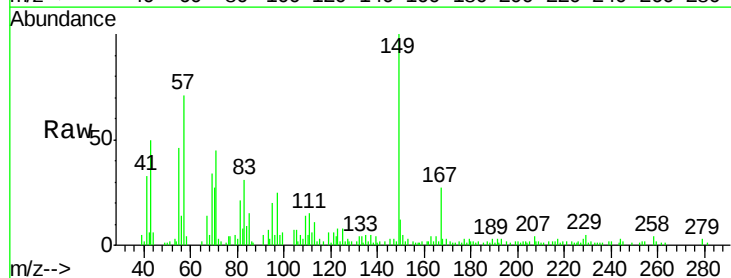
RT: 17.07 min Scan# 1346

Delta R.T. -0.02 min

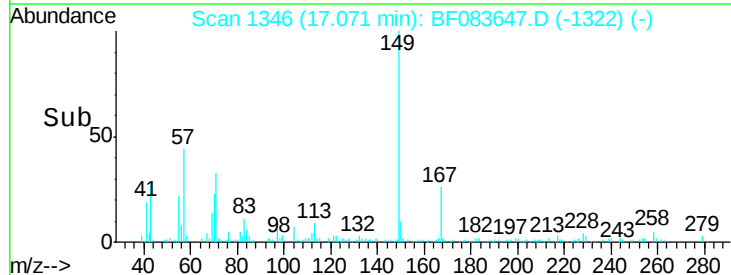
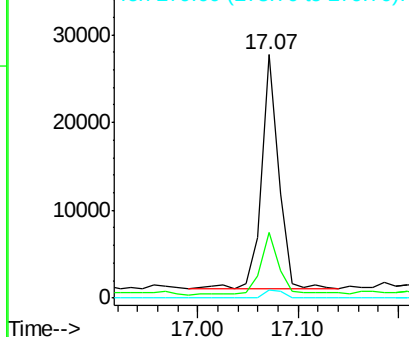
Lab File: BF083647.D

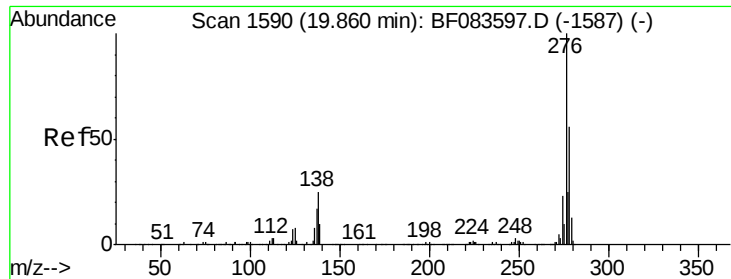
Acq: 9 Dec 2015 19:02

Tgt Ion:	149	Resp:	31428
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.8
279	3.1	3.0	4.4



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





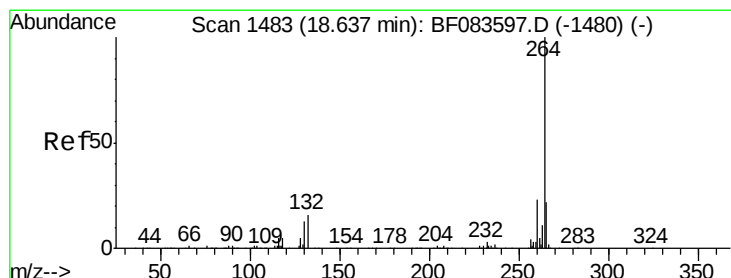
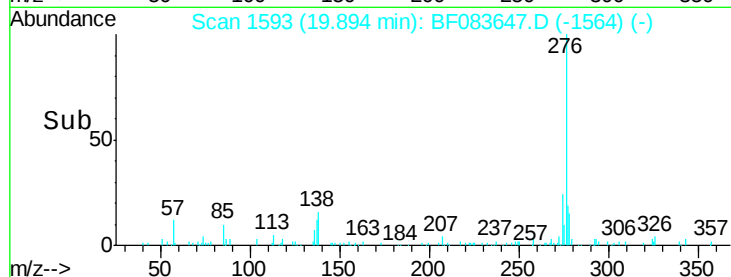
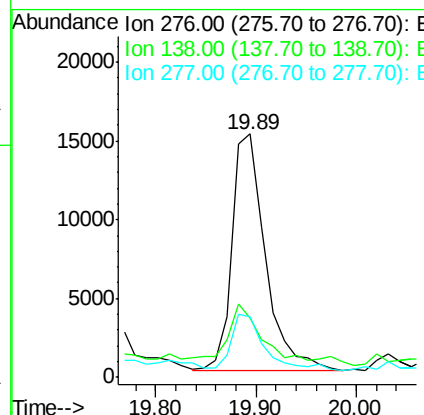
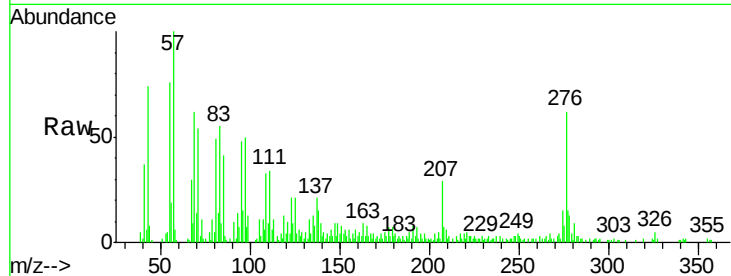
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng
RT: 19.89 min Scan# 1593
Delta R.T. 0.03 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-8-20151207

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	29.8	0.0	0.0	
277	23.5	0.0	0.0	

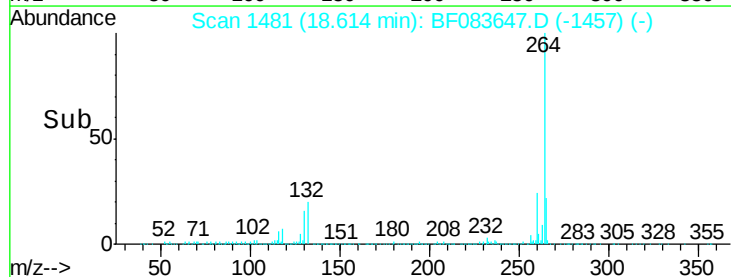
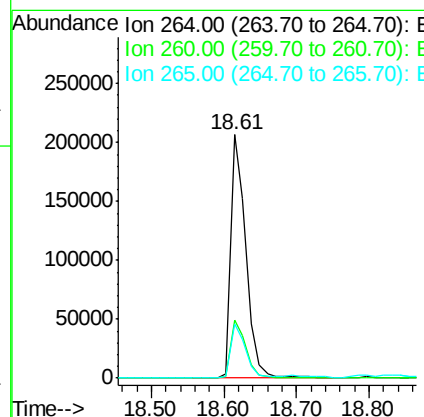
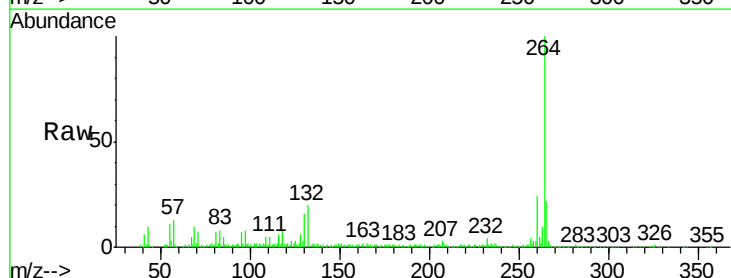
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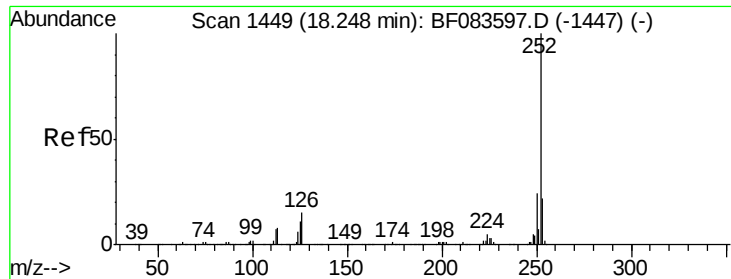
MMdadoda
12/10/2015 5:50:06 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.61 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF083647.D
Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.0	19.4	29.0	
265	22.1	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 6.20 ng/mL

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Instrument :

BNA_F

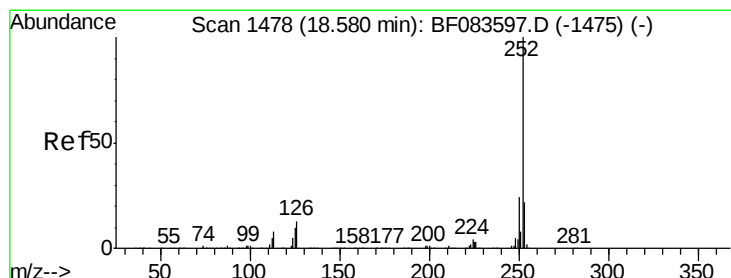
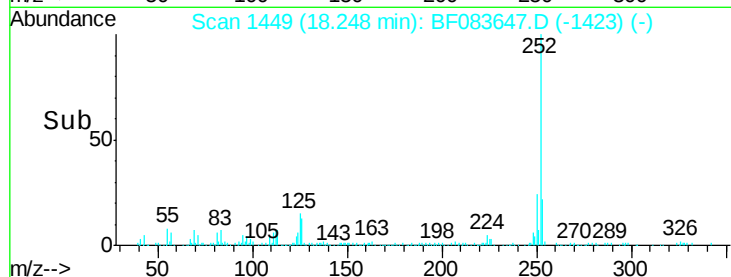
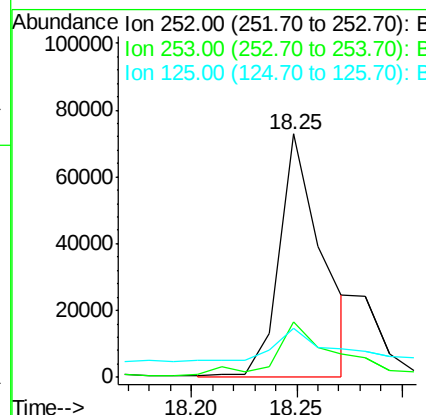
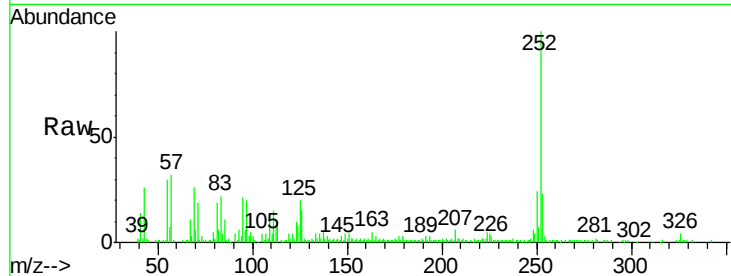
ClientSampleId :

CWC-MISC-8-20151207

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	19.9	8.2	12.4

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#89

Benzo(a)pyrene

Concen: 4.09 ng/mL

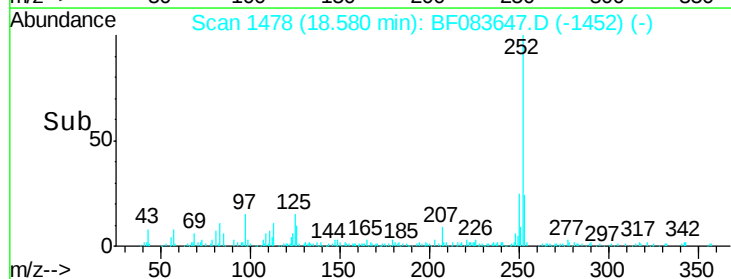
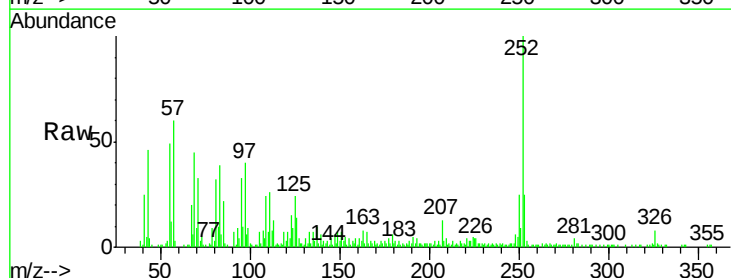
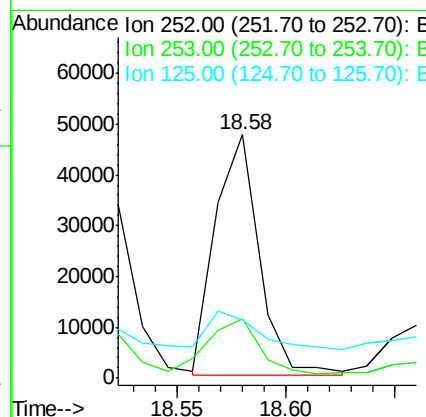
RT: 18.58 min Scan# 1478

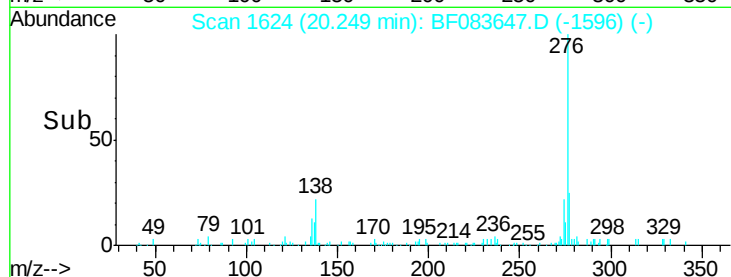
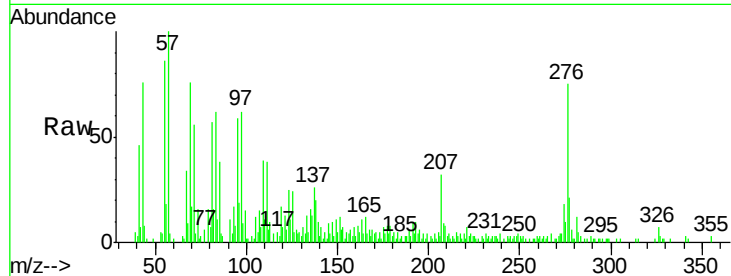
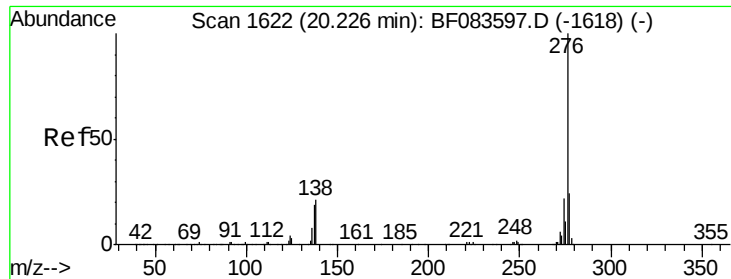
Delta R.T. 0.00 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	24.0	11.0	16.6





#91

Benzo(a,h,i)perylene

Concen: 2.80 ng

RT: 20.25 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF083647.D

Acq: 9 Dec 2015 19:02

Tot Ion:	276	Resp:	34093
Ion Ratio	Lower	Upper	
276	100		
277	27.6	19.2	28.8
138	26.8	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

CWC-MISC-8-20151207

Manual Integrations
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MMdadoda
12/10/2015 5:50:06 PM

