

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083648.D
 Acq On : 9 Dec 2015 19:32
 Operator : UM/IZ
 Sample : G4697-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-9-20151207

Manual Integrations
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Quant Time: Dec 10 03:14:07 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	137435	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	531260	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	244684	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	386486	20.00	ng	-0.02
75) Chrysene-d12	16.97	240	303990	20.00	ng	-0.02
86) Perylene-d12	18.61	264	271569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	282277	31.15	ng	-0.01
7) Phenol-d6	5.25	99	398696	32.93	ng	-0.02
23) Nitrobenzene-d5	6.51	82	245014	21.52	ng	-0.02
41) 2,4,6-Tribromophenol	11.67	330	50235	23.04	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	369552	21.26	ng	-0.02
78) Terphenyl-d14	15.38	244	223701	17.31	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.01	163	62335	3.20	ng	98
70) Phenanthrene	12.80	178	90544	4.08	ng	98
74) Fluoranthene	14.73	202	116475	5.13	ng	97
77) Pyrene	15.08	202	113003	5.16	ng	# 95
80) Benzo(a)anthracene	16.97	228	54763	3.08	ng	92
82) Chrysene	17.01	228	52522	2.94	ng	98
87) Benzo(b)fluoranthene	18.25	252	62777m	4.06	ng	
89) Benzo(a)pyrene	18.58	252	40111	2.66	ng	# 91

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

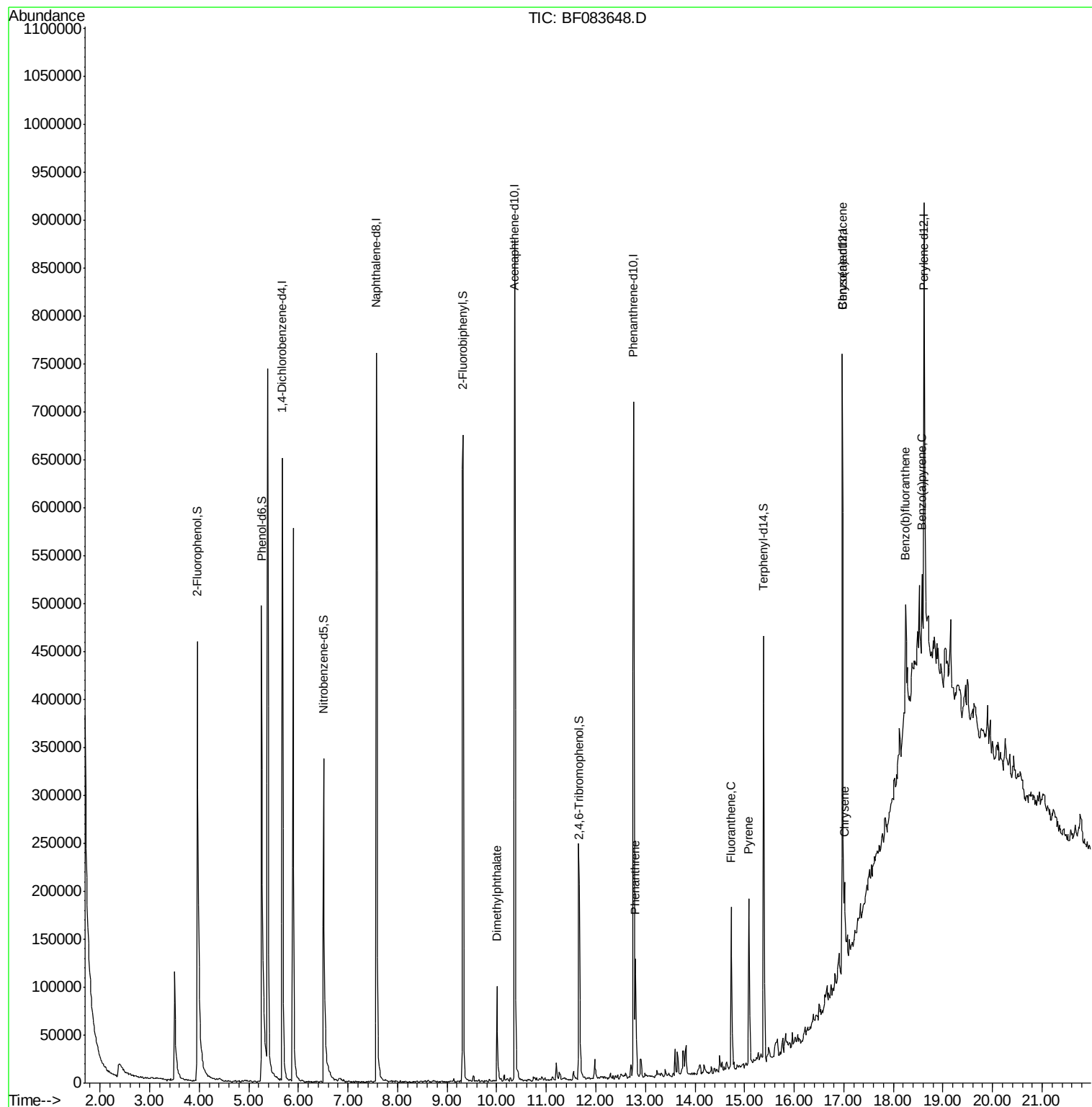
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083648.D
Acq On : 9 Dec 2015 19:32
Operator : UM/IZ
Sample : G4697-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

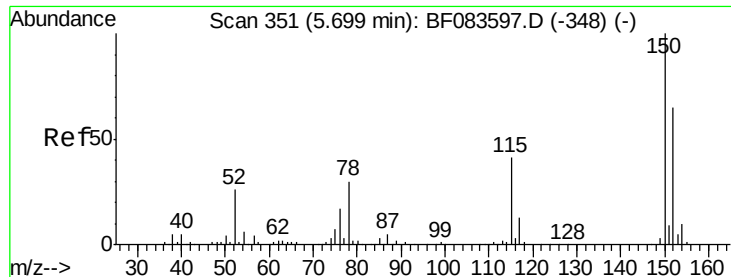
Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

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Quant Time: Dec 10 03:14:07 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





#1

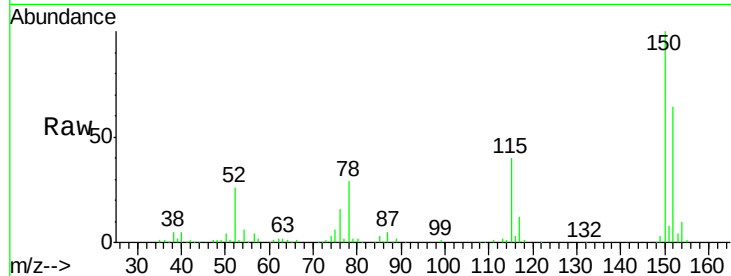
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

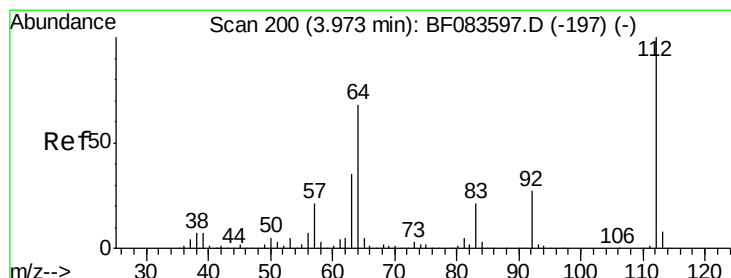
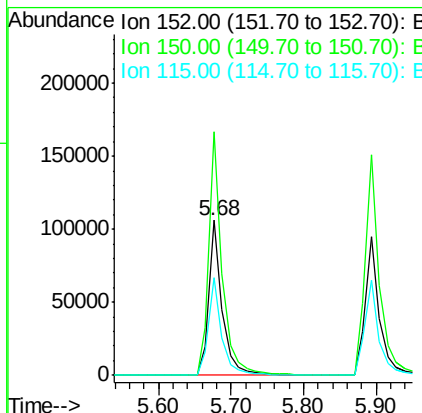
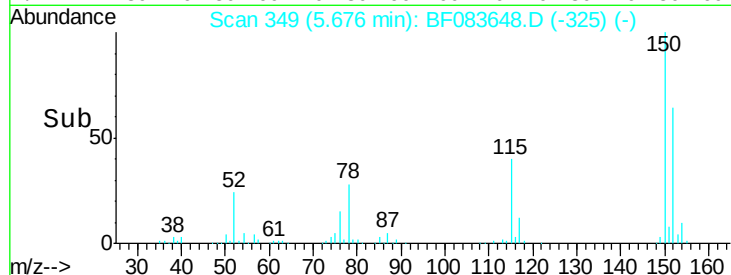
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	62.6	52.3	78.5

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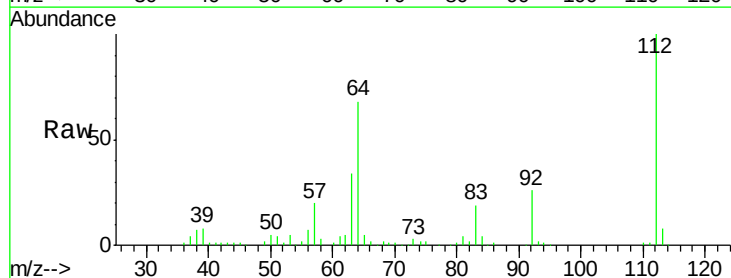
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



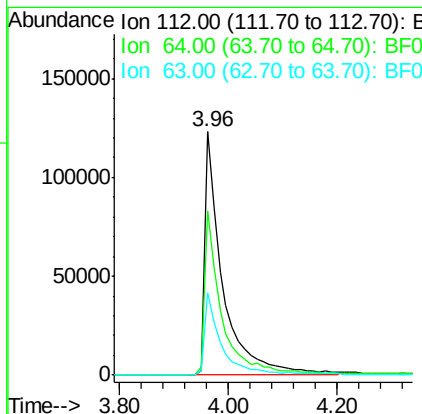
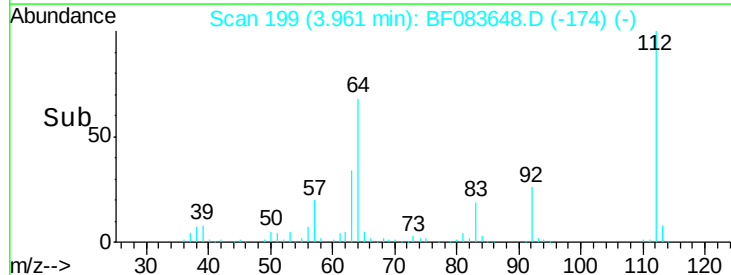
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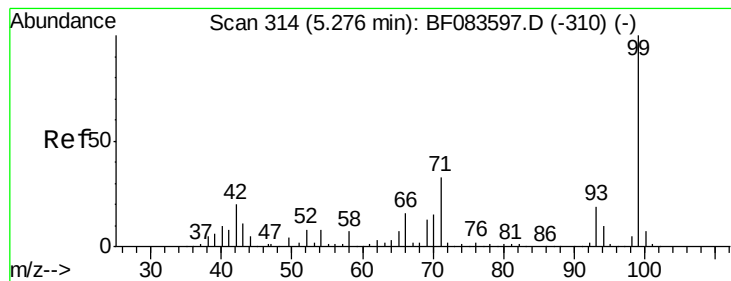
2-Fluorophenol
Concen: 31.15 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	50.5	75.7
63	33.6	25.8	38.6



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: 32.93 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083648.D

Acq: 9 Dec 2015 19:32

Instrument :

BNA_F

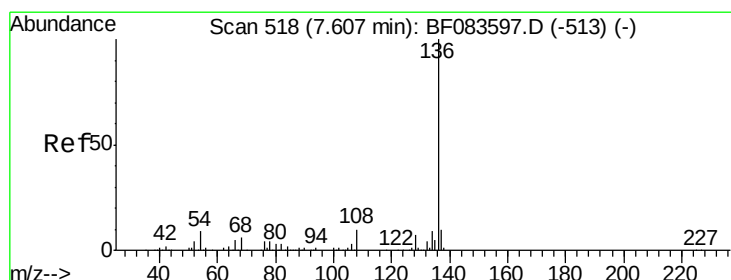
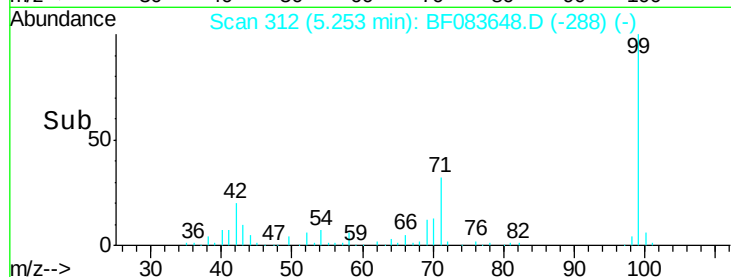
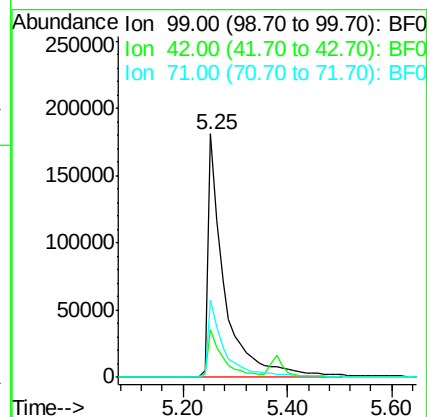
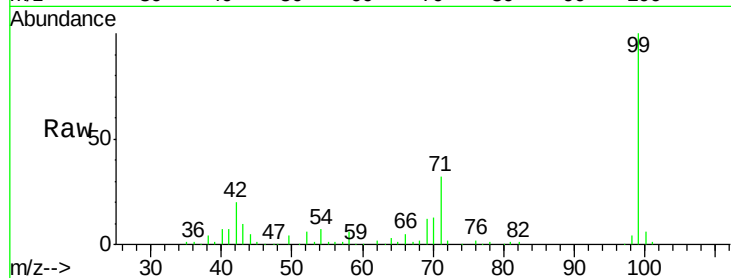
ClientSampleId :

CWC-MISC-9-20151207

Tot Ion:	99	Resp:	398696
Ion Ratio	Lower	Upper	
99	100		
42	19.9	17.3	25.9
71	31.7	26.6	40.0

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#21

Naphthalene-d8

Concen: 20.00 ng

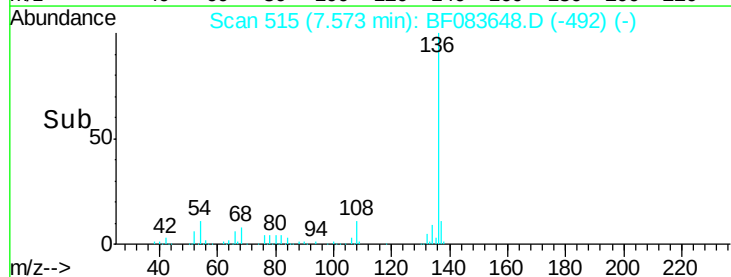
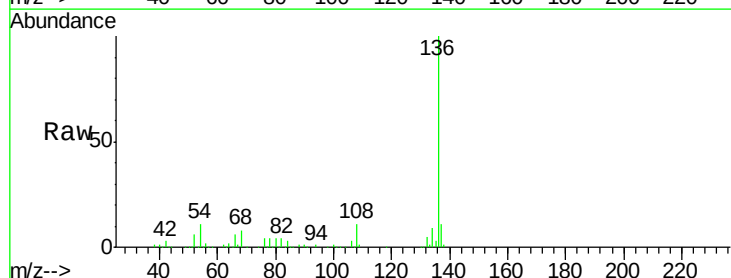
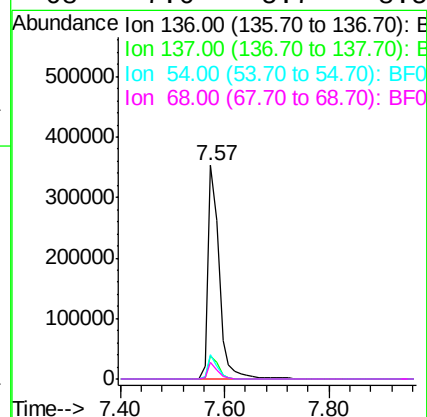
RT: 7.57 min Scan# 515

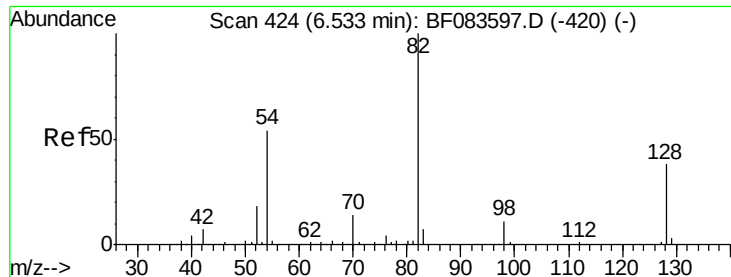
Delta R.T. -0.03 min

Lab File: BF083648.D

Acq: 9 Dec 2015 19:32

Tgt Ion:	136	Resp:	531260
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	11.2	7.8	11.6
68	7.6	5.7	8.5





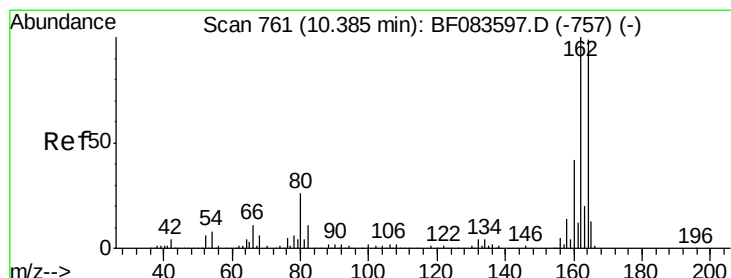
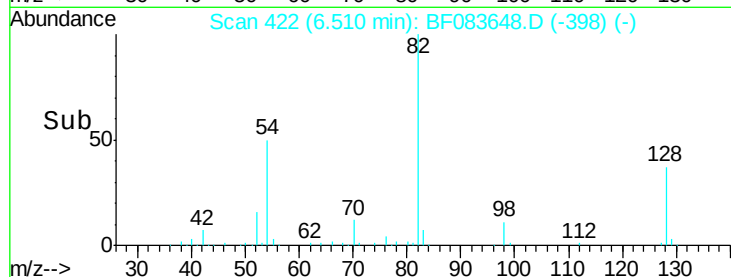
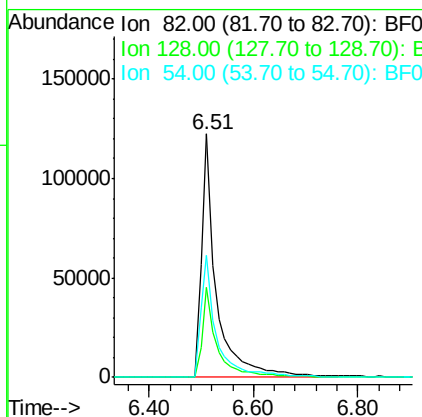
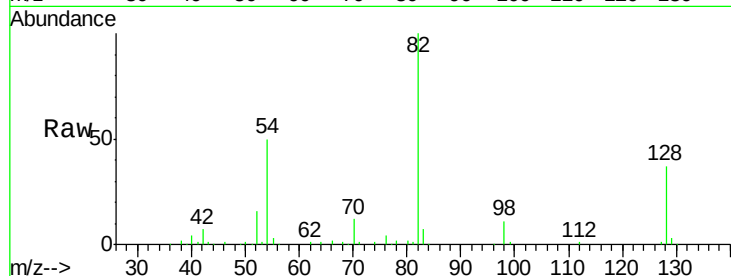
#23
 Nitrobenzene-d5
 Concen: 21.52 ng
 RT: 6.51 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-9-20151207

Tot Ion	Ratio	Resp	Lower	Upper
82	100	245014		
128	37.2	30.7	46.1	
54	50.2	42.5	63.7	

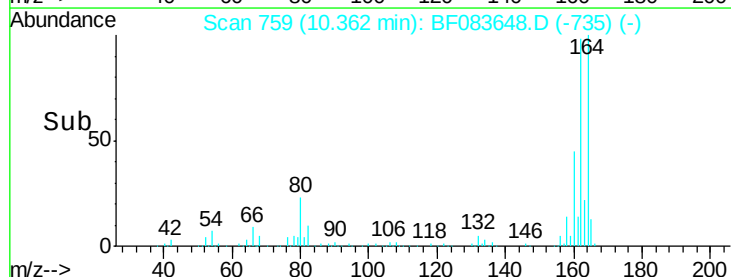
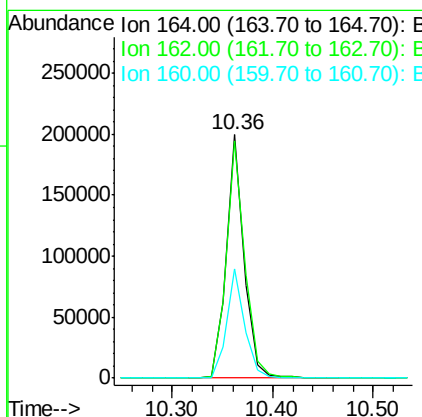
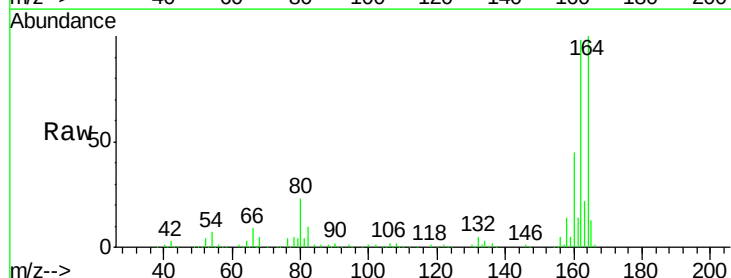
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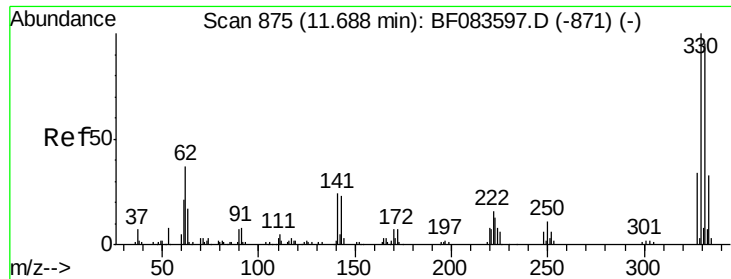
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244684		
162	97.6	78.8	118.2	
160	45.1	33.4	50.2	





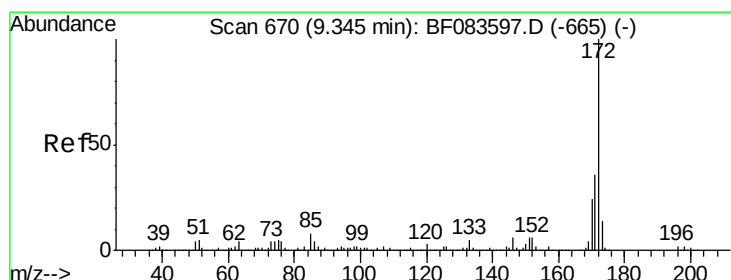
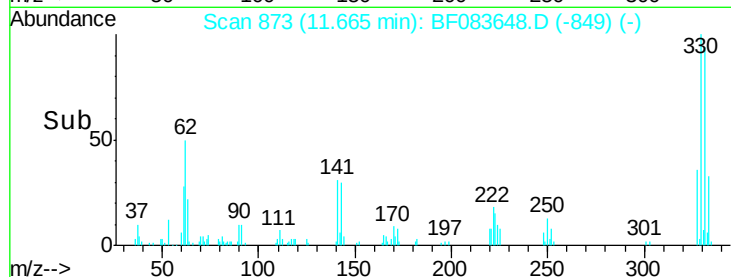
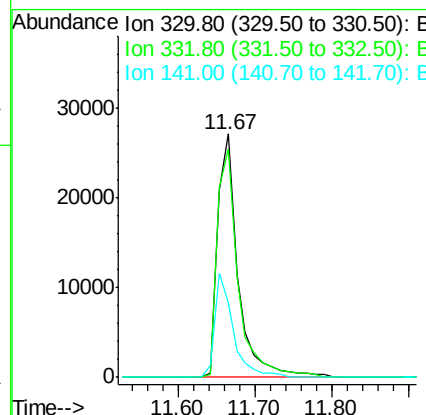
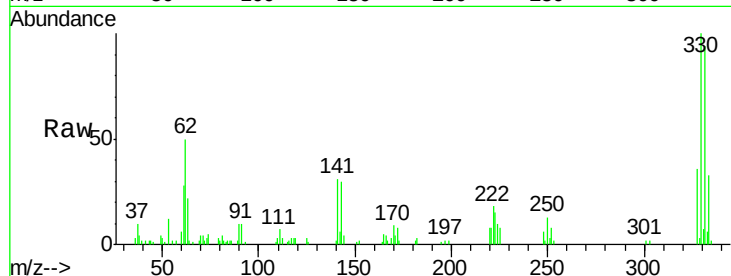
#41
 2,4,6-Tribromophenol
 Concen: 23.04 ng
 RT: 11.67 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-9-20151207

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.3	0.0	0.0#

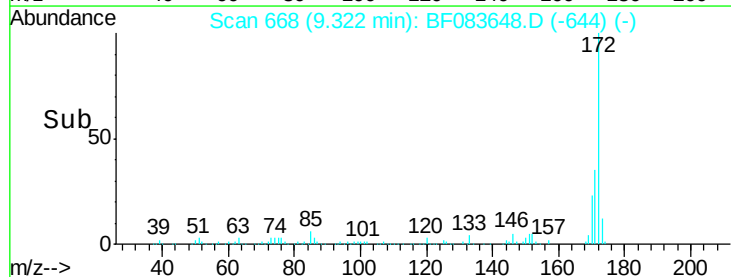
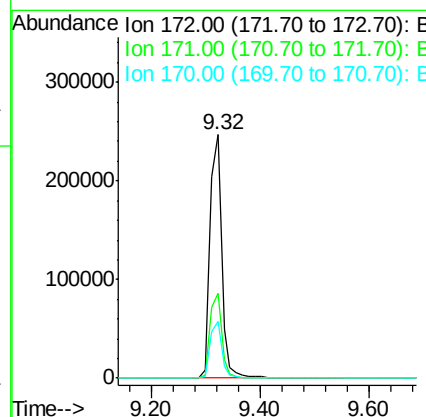
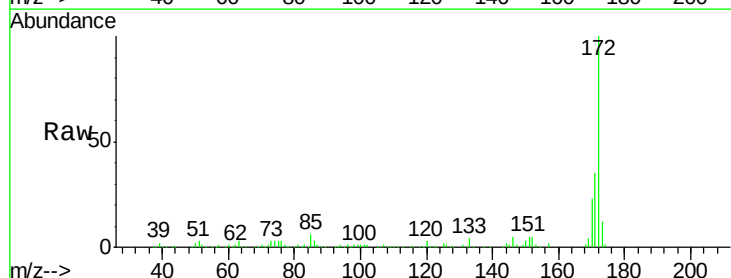
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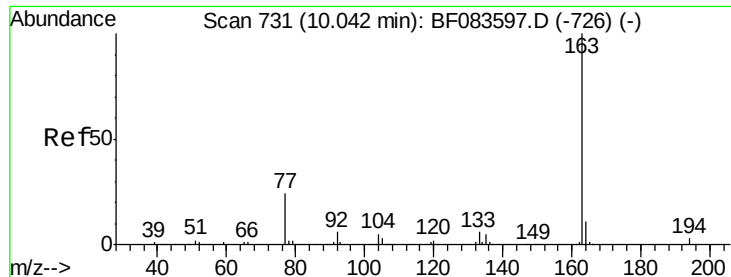
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#44
 2-Fluorobiphenyl
 Concen: 21.26 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.0	19.4	29.0





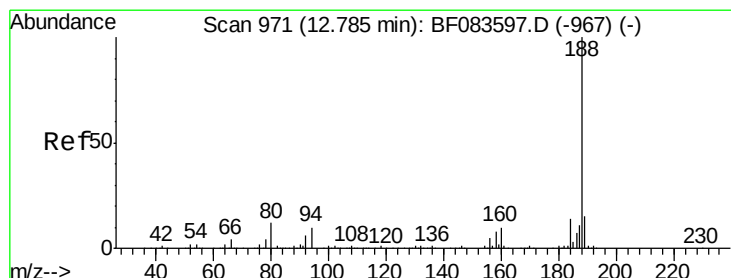
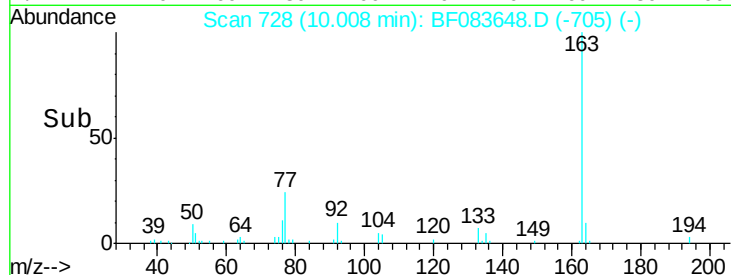
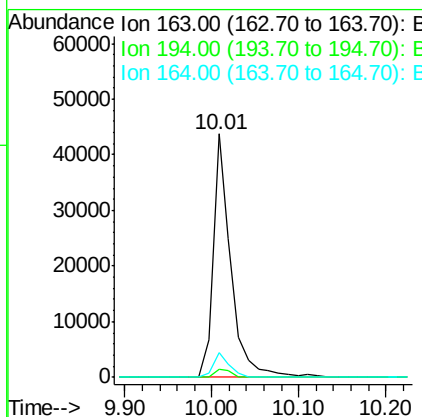
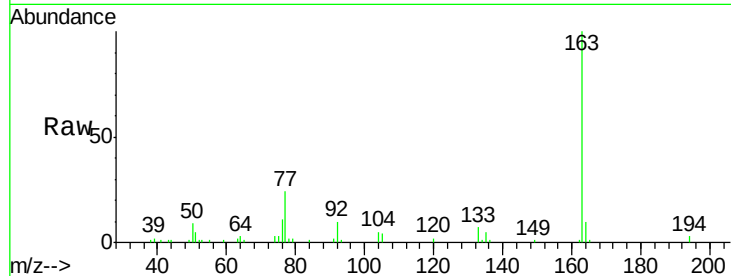
#49
Dimethylphthalate
Concen: 3.20 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

Tot Ion	Ratio	Resp	Lower	Upper
163	100	62335		
194	3.2		2.8	4.2
164	10.1		8.6	13.0

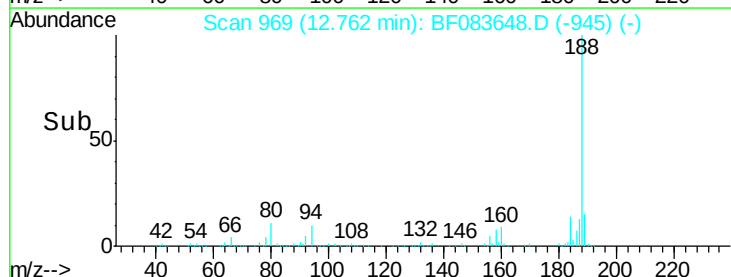
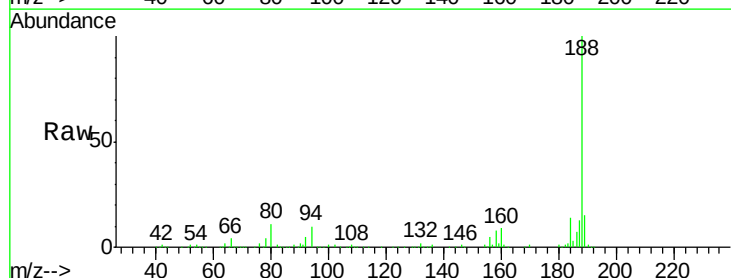
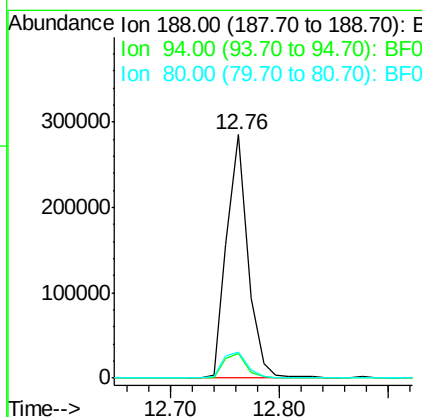
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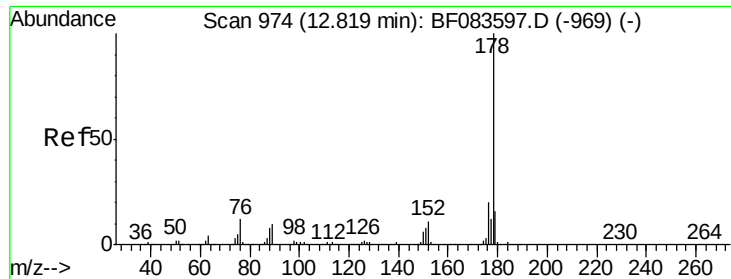
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	386486		
94	10.1		9.4	14.2
80	10.9		10.6	16.0





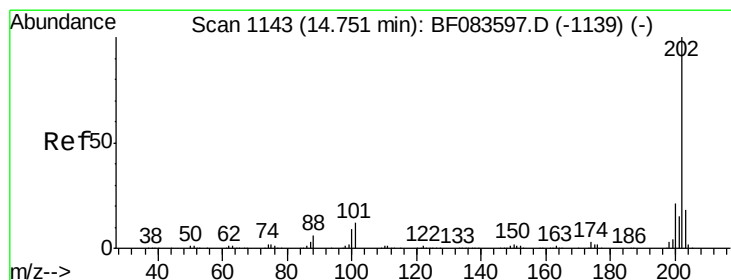
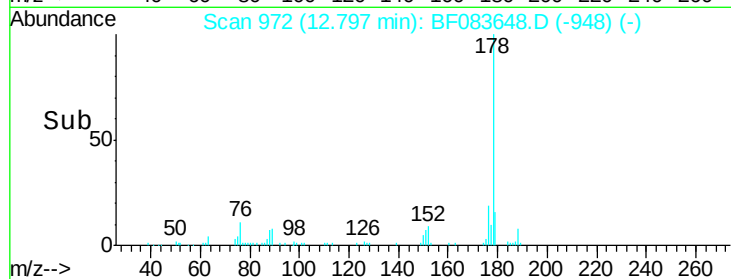
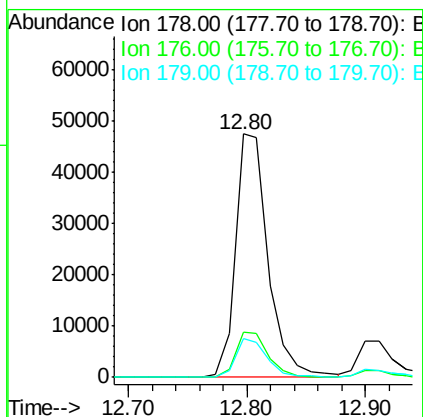
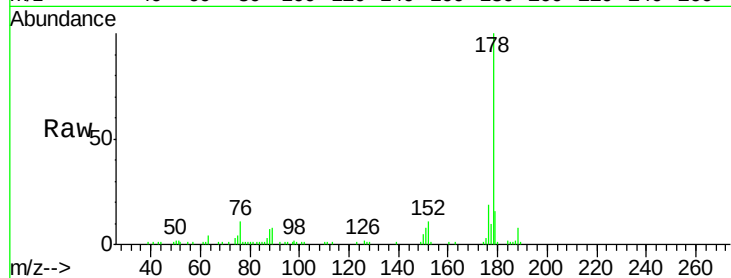
#70
Phenanthrene
Concen: 4.08 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.7	12.2	18.4

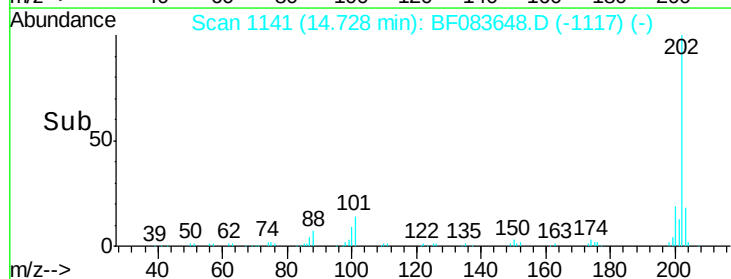
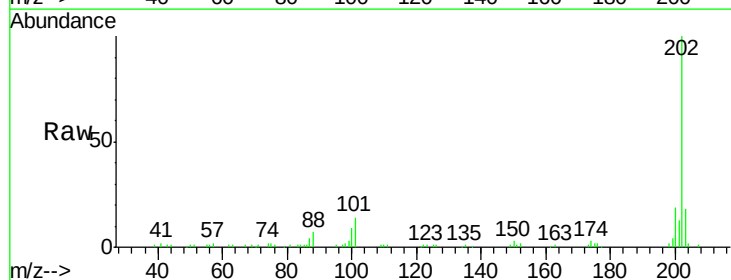
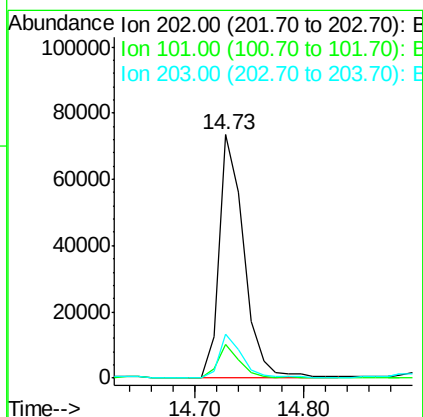
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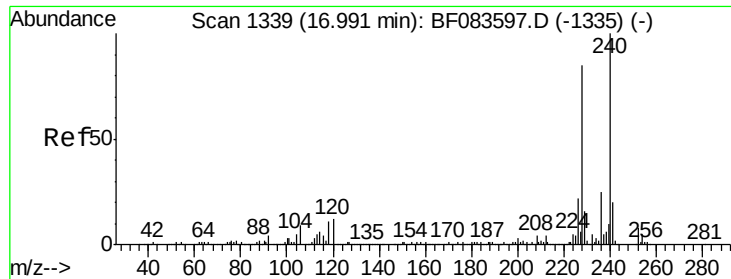
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#74
Fluoranthene
Concen: 5.13 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.5
203	18.3	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.97 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF083648.D

Acq: 9 Dec 2015 19:32

Instrument :

BNA_F

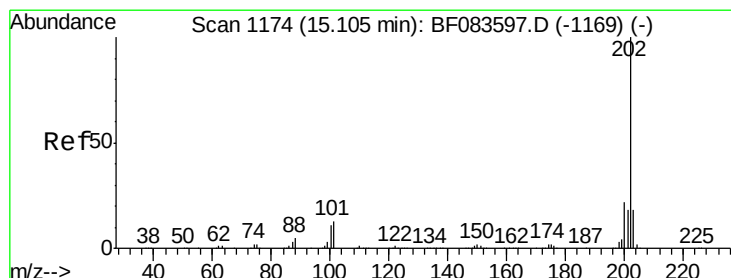
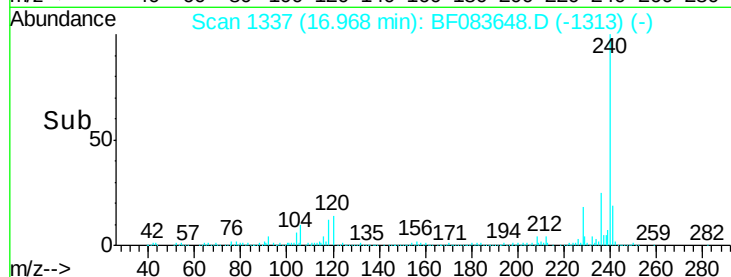
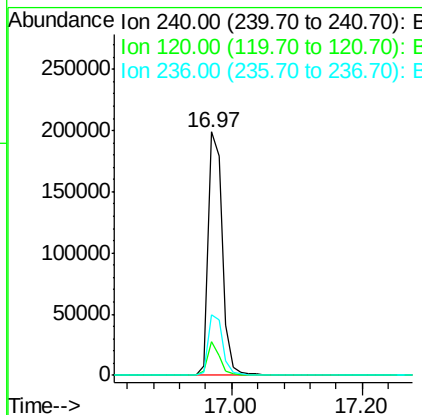
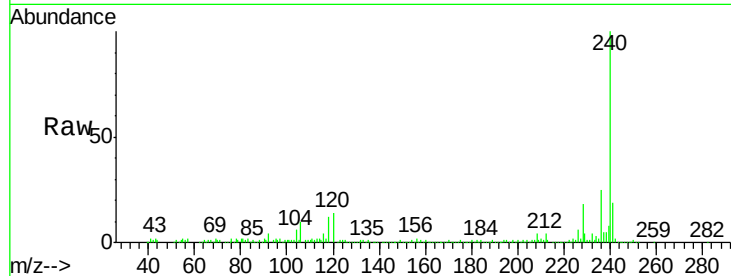
ClientSampleId :

CWC-MISC-9-20151207

Tot Ion:	240	Resp:	303990
Ion Ratio		Lower	Upper
240	100		
120	14.0	8.1	12.1#
236	25.1	20.8	31.2

Manual Integrations
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#77

Pyrene

Concen: 5.16 ng

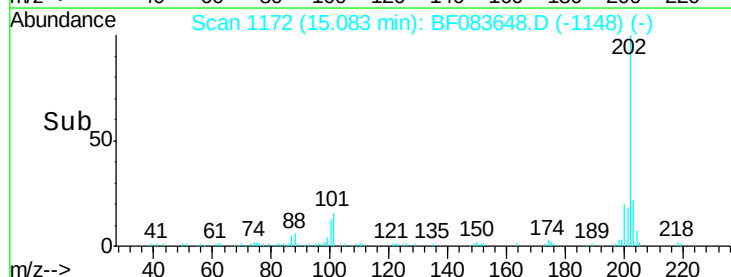
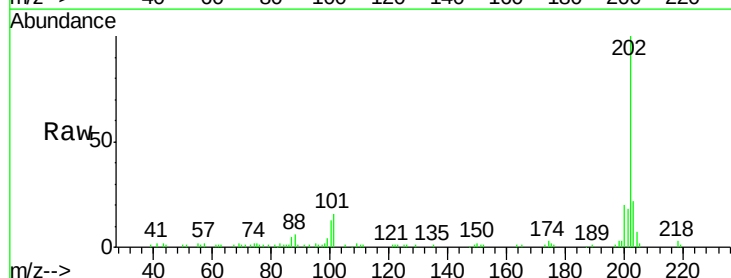
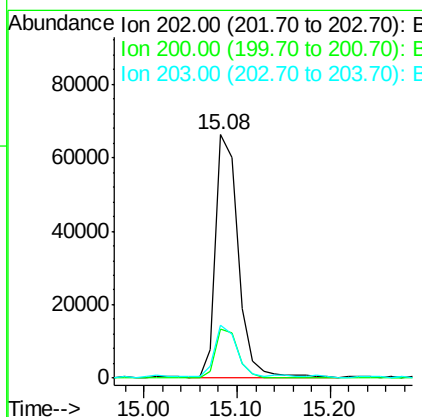
RT: 15.08 min Scan# 1172

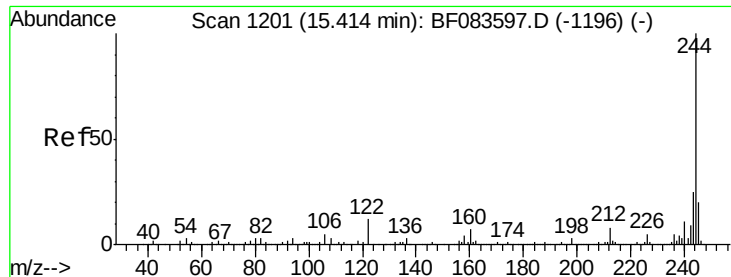
Delta R.T. -0.02 min

Lab File: BF083648.D

Acq: 9 Dec 2015 19:32

Tgt Ion:	202	Resp:	113003
Ion Ratio		Lower	Upper
202	100		
200	20.0	16.7	25.1
203	21.9	14.3	21.5#





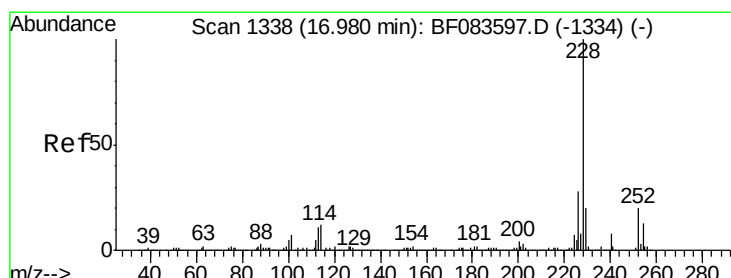
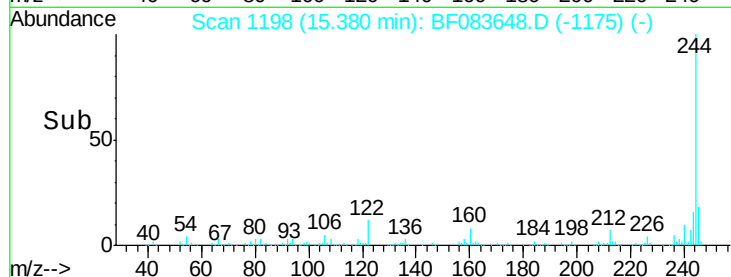
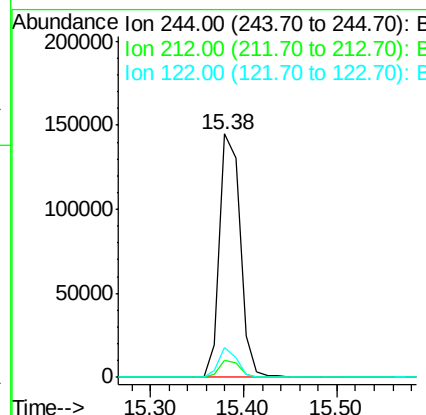
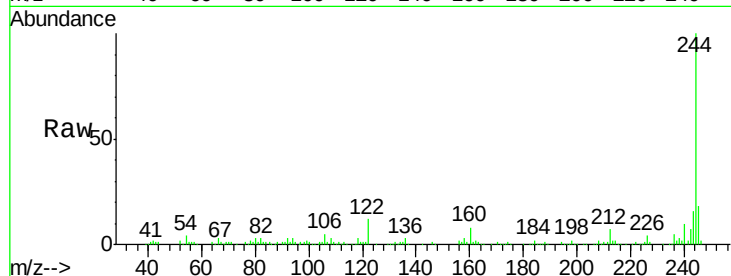
#78
 Terphenyl-d14
 Concen: 17.31 ng
 RT: 15.38 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-9-20151207

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.4	11.0	16.6

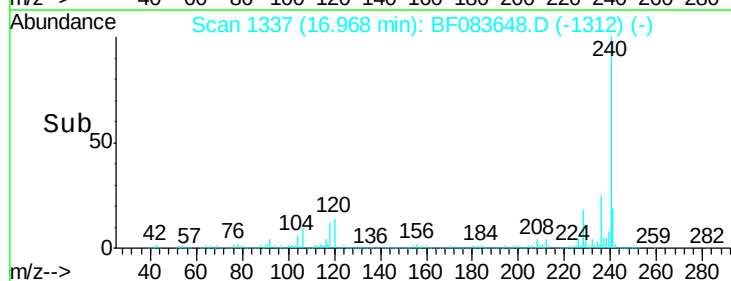
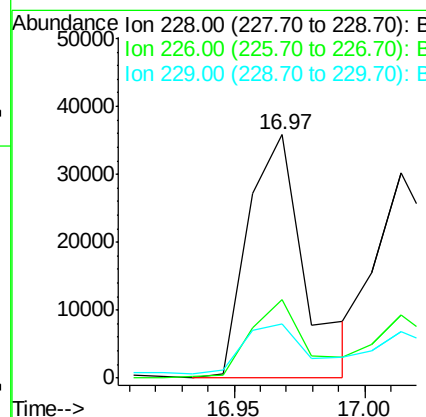
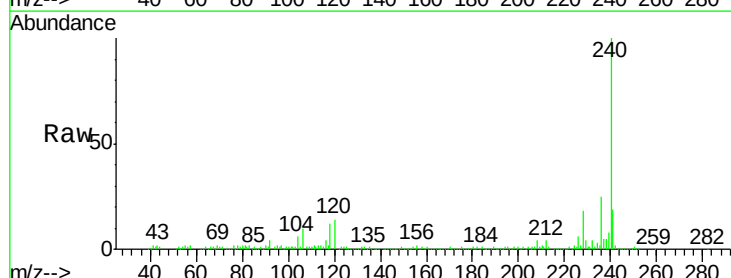
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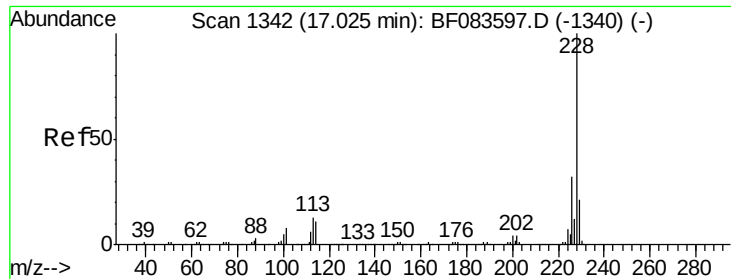
MMdadoda
 12/10/2015 5:50:08 PM



#80
 Benzo(a)anthracene
 Concen: 3.08 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083648.D
 Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.3	33.5
229	22.3	15.7	23.5





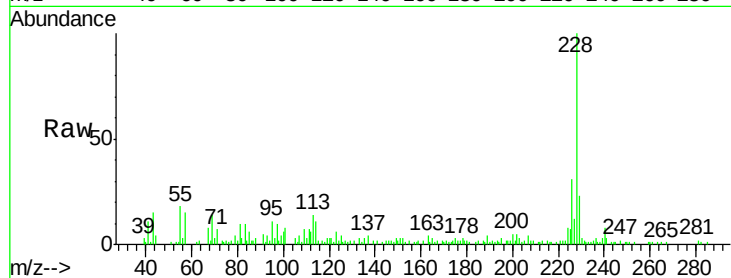
#82
Chrysene
Concen: 2.94 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

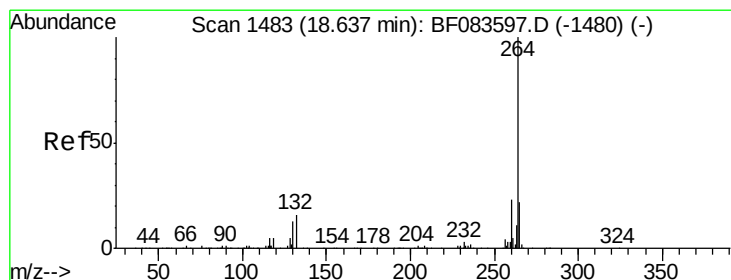
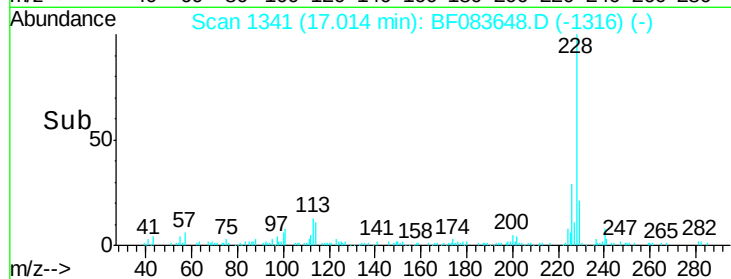
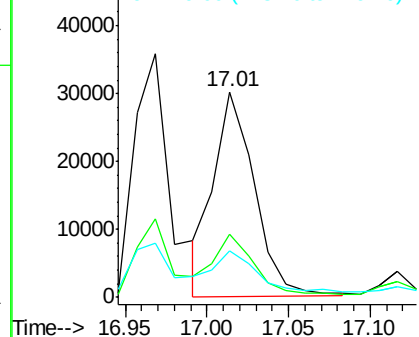
Tot Ion:	228	Resp:	52522
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.7	37.1
229	22.9	16.3	24.5

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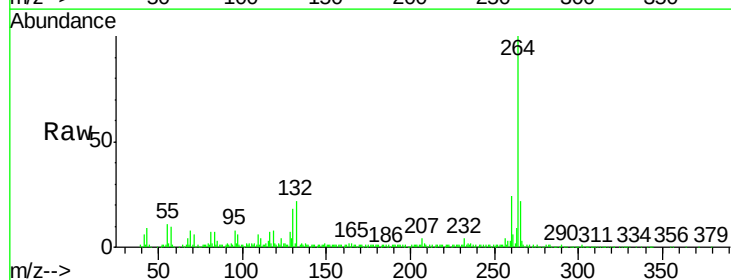


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

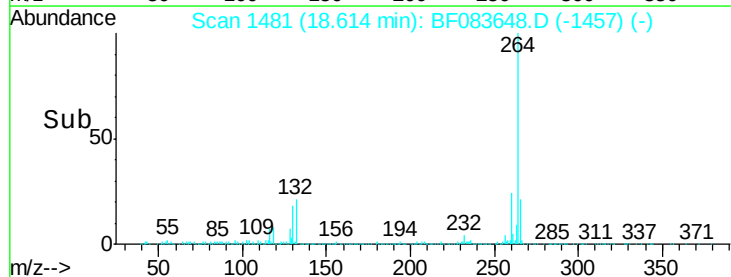
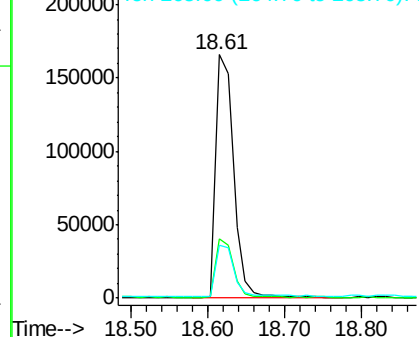


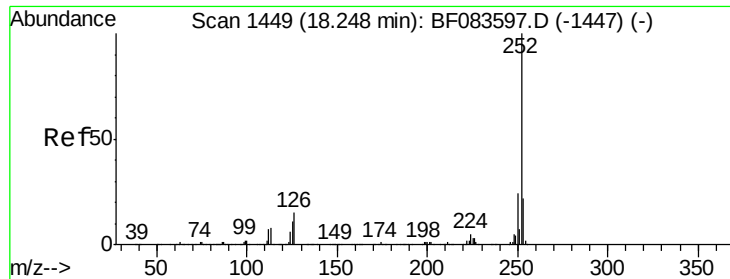
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.61 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Tgt Ion:	264	Resp:	271569
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.0
265	21.5	17.8	26.6



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





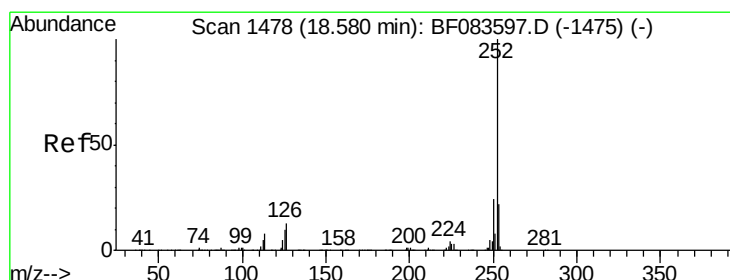
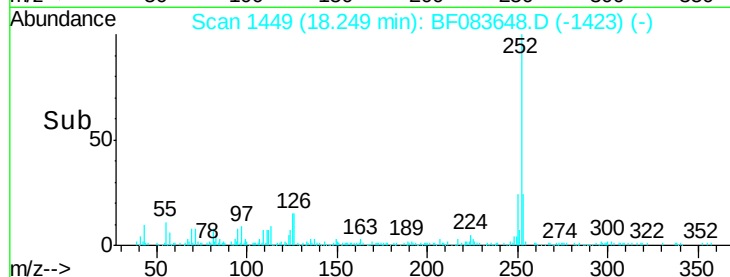
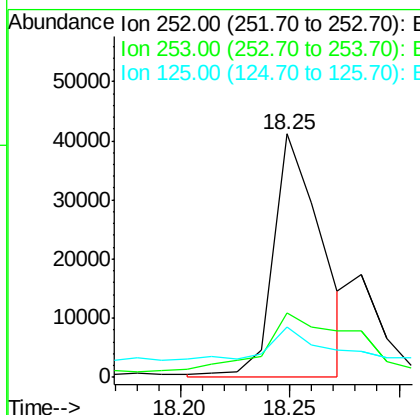
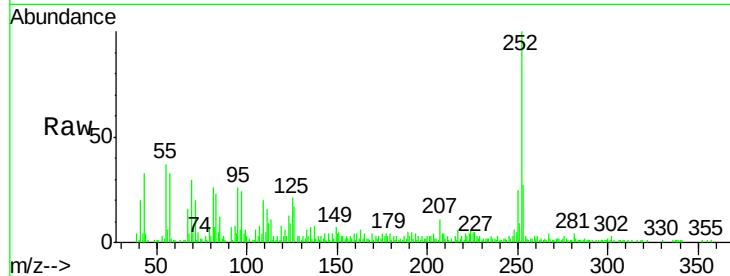
#87
Benzo(b)fluoranthene
Concen: 4.06 ng m
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-9-20151207

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.2	27.4
125	20.5	8.2	12.4#

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#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083648.D
Acq: 9 Dec 2015 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	18.2	11.0	16.6#

