

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079678.D
 Acq On : 4 Jun 2015 00:38
 Operator : TP/IZ
 Sample : G2408-23 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15D

Manual Integrations
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apatel
 6/5/2015 8:08:50 AM

Quant Time: Jun 04 03:59:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	77110	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	296764	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	142689	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	296035	20.00	ng	-0.03
75) Chrysene-d12	15.05	240	317645m	20.00	ng	-0.33
86) Perylene-d12	17.01	264	310260m	20.00	ng	-0.48

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	75031	18.11	ng	0.00
7) Phenol-d6	7.11	99	100464	16.40	ng	0.00
23) Nitrobenzene-d5	8.07	82	49780	8.38	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	16517	14.03	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	139270	8.90	ng	0.00
78) Terphenyl-d14	13.78	244	157463	8.29	ng	-0.17

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) Phenanthrene	12.12	178	72023	4.40	ng	97
74) Fluoranthene	13.38	202	106549	6.04	ng	97
77) Pyrene	13.65	202	98254	5.37	ng	98
80) Benzo(a)anthracene	15.04	228	50849m	2.93	ng	
82) Chrysene	15.07	228	49917m	2.86	ng	
83) Bis(2-ethylhexyl)phthalate	14.99	149	7476m	3.89	ng	
87) Benzo(b)fluoranthene	16.42	252	62978m	3.93	ng	
89) Benzo(a)pyrene	16.91	252	40743m	2.60	ng	
91) Benzo(g,h,i)perylene	19.63	276	31823m	2.04	ng	

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

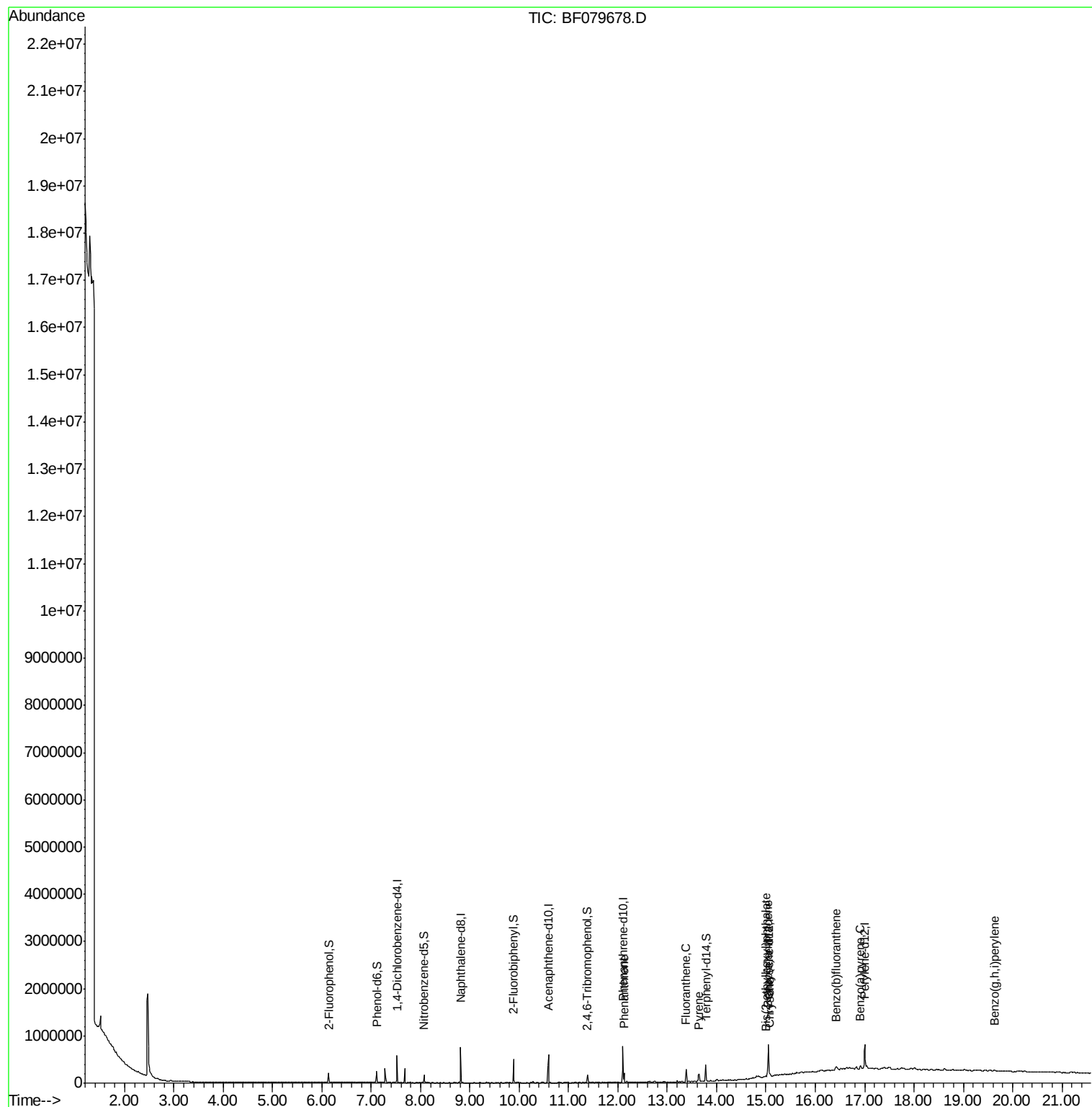
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079678.D
Acq On : 4 Jun 2015 00:38
Operator : TP/IZ
Sample : G2408-23 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

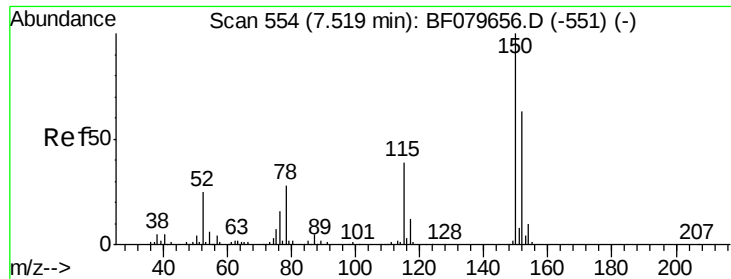
Instrument :
BNA_F
ClientSampleId :
SB-15D

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Quant Time: Jun 04 03:59:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

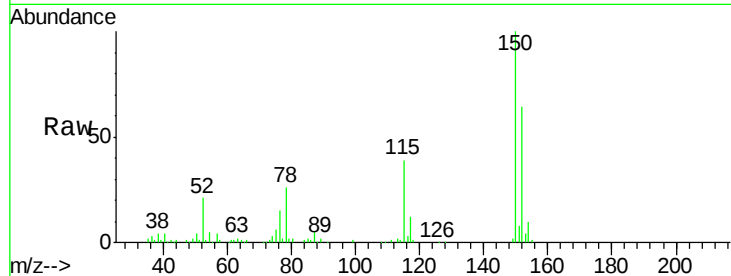
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.7	190.1
115	59.9	49.2	73.8

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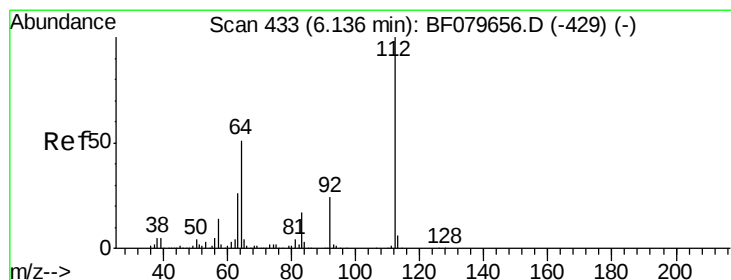
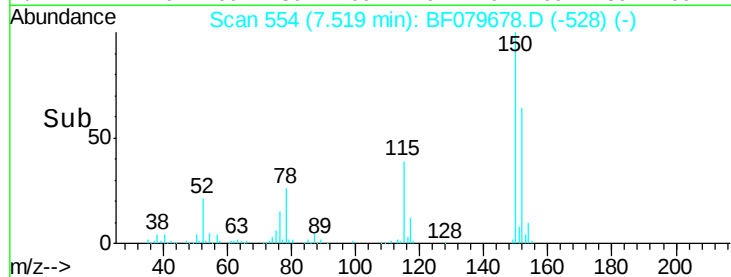
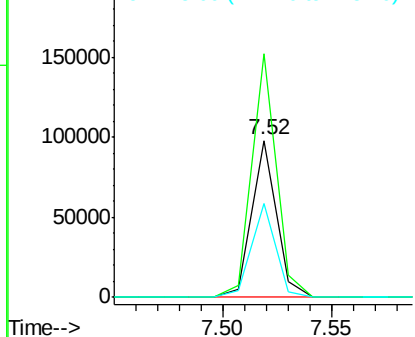


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

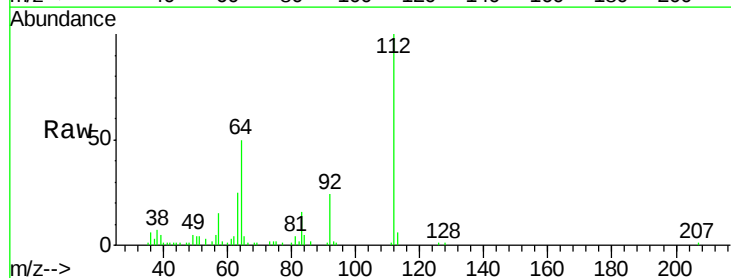
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.11 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	41.1	61.7
63	25.2	20.5	30.7

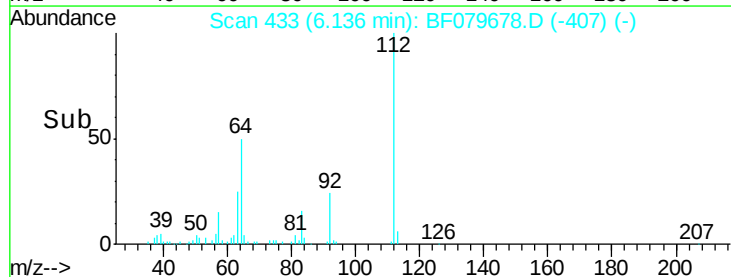
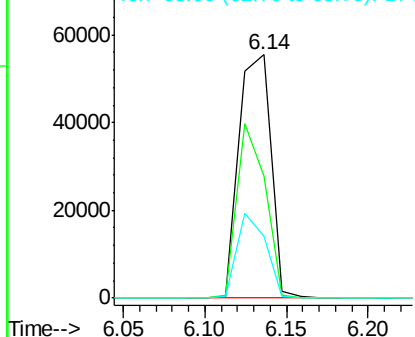


Abundance

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: 16.40 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Instrument :

BNA_F

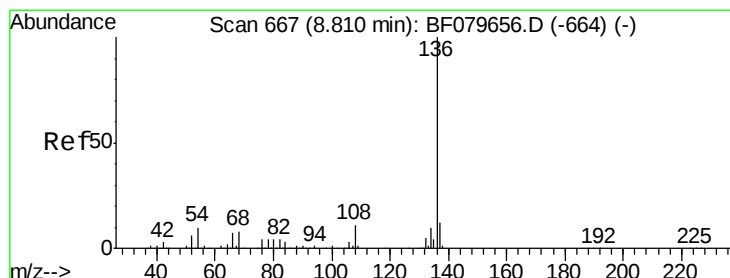
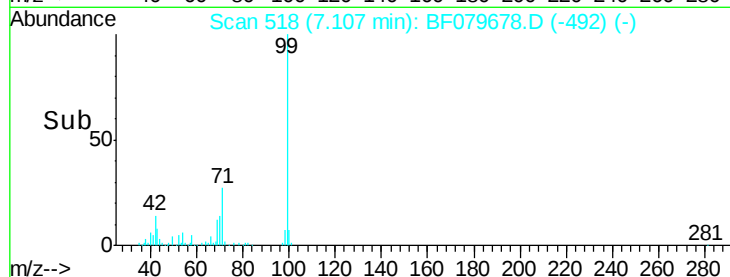
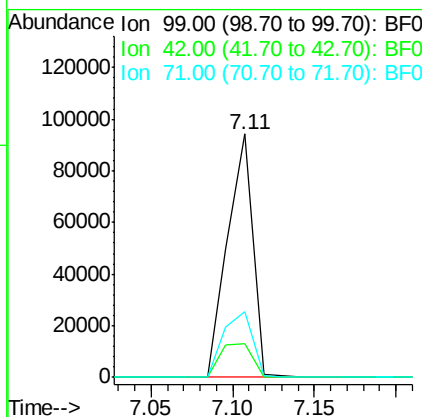
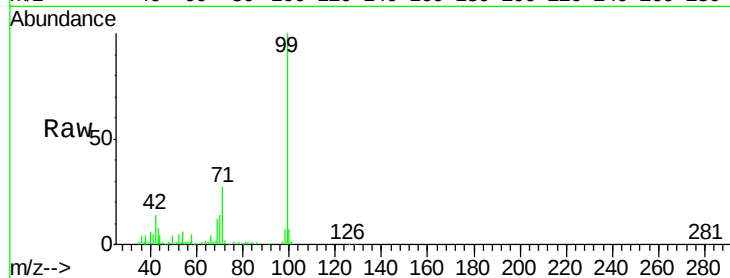
ClientSampleId :

SB-15D

Tot Ion:	99	Resp:	100464
Ion Ratio	Lower	Upper	
99	100		
42	13.8	15.2	22.8#
71	27.2	25.9	38.9

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#21

Naphthalene-d8

Concen: 20.00 ng

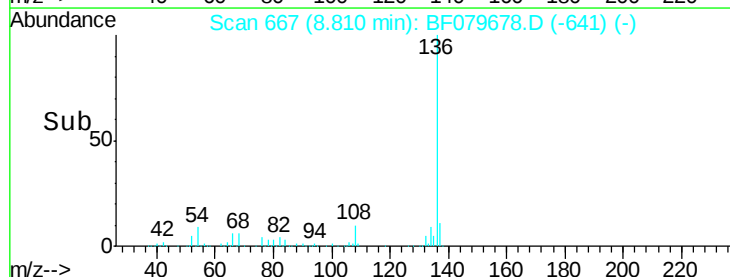
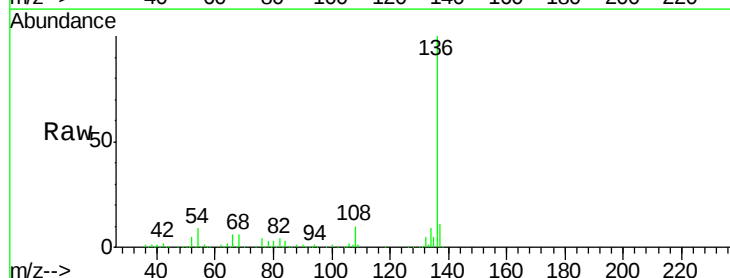
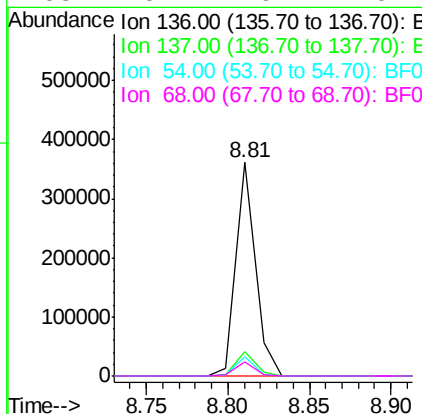
RT: 8.81 min Scan# 667

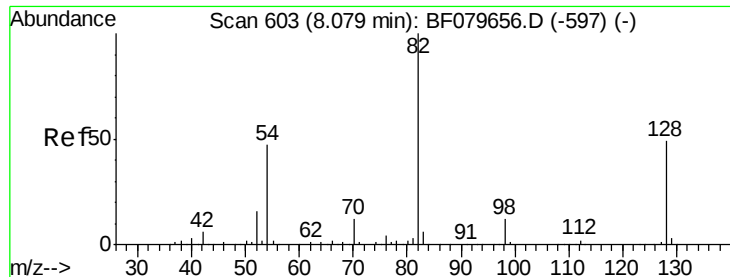
Delta R.T. -0.00 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Tgt Ion:	136	Resp:	296764
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	9.3	8.3	12.5
68	6.4	6.1	9.1





#23

Nitrobenzene-d5

Concen: 8.38 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Instrument :

BNA_F

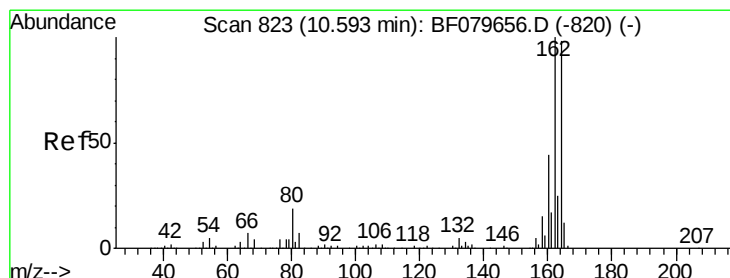
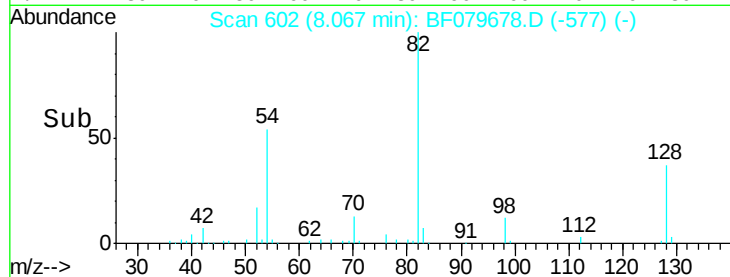
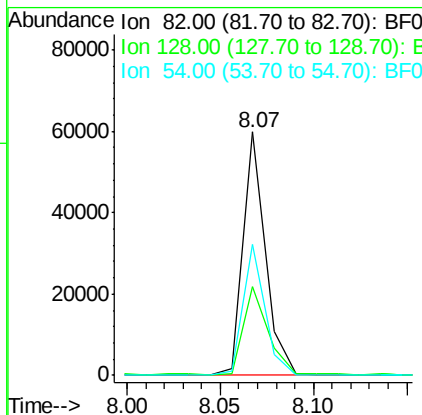
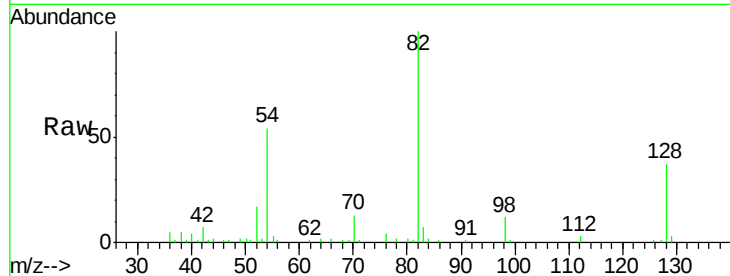
ClientSampleId :

SB-15D

Tot Ion:	82	Resp:	49780
Ion Ratio	Lower	Upper	
82	100		
128	36.7	39.4	59.0#
54	53.6	37.4	56.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

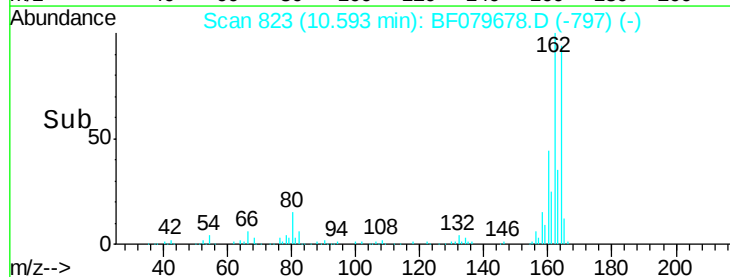
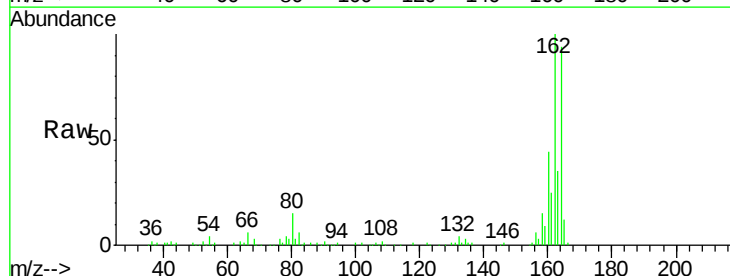
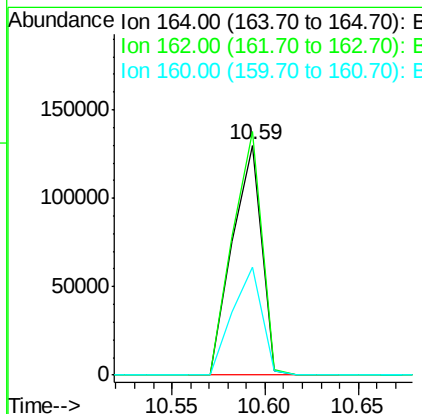
RT: 10.59 min Scan# 823

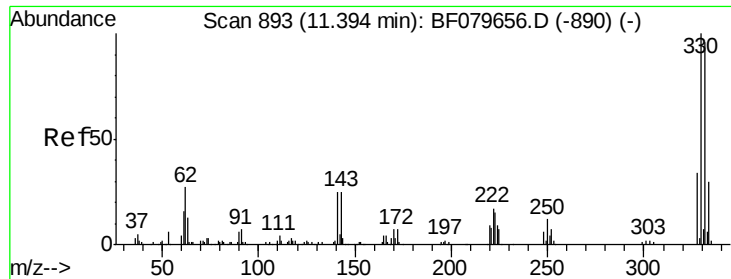
Delta R.T. -0.00 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Tgt Ion:	164	Resp:	142689
Ion Ratio	Lower	Upper	
164	100		
162	105.9	82.0	123.0
160	47.1	35.9	53.9





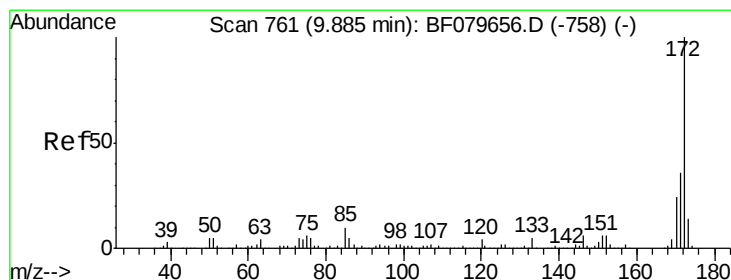
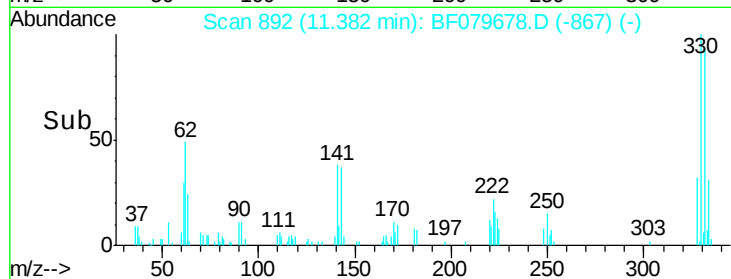
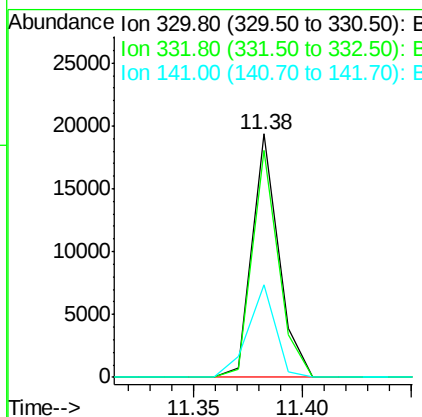
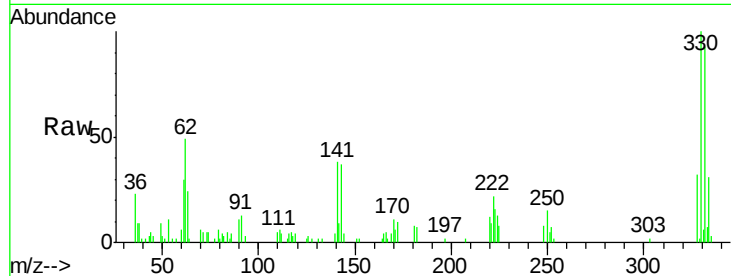
#41
 2,4,6-Tribromophenol
 Concen: 14.03 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079678.D
 Acq: 4 Jun 2015 00:38

Instrument :
 BNA_F
 ClientSampled :
 SB-15D

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.3	115.9
141	39.6	27.4	41.2

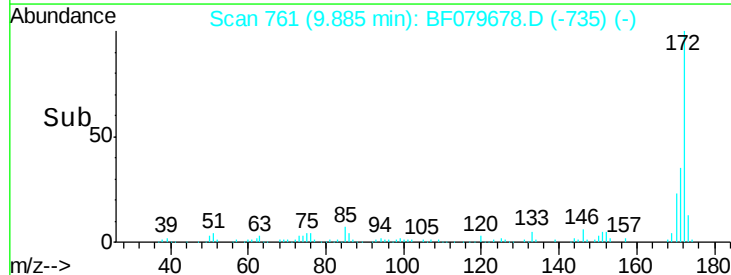
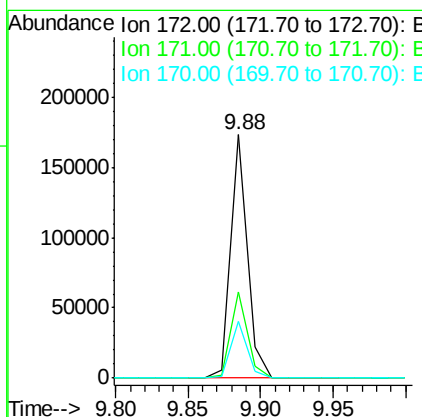
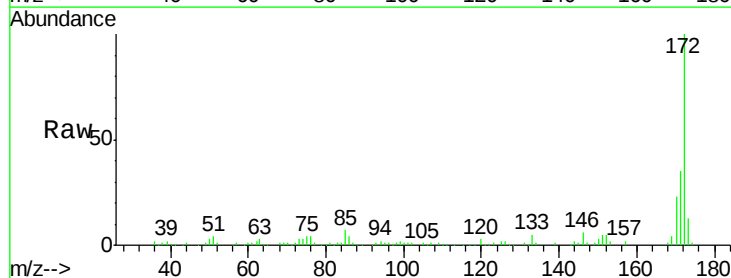
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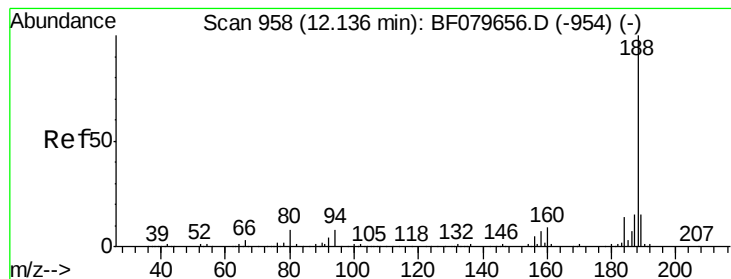
apatel
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#44
 2-Fluorobiphenyl
 Concen: 8.90 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079678.D
 Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.2	19.2	28.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Instrument :

BNA_F

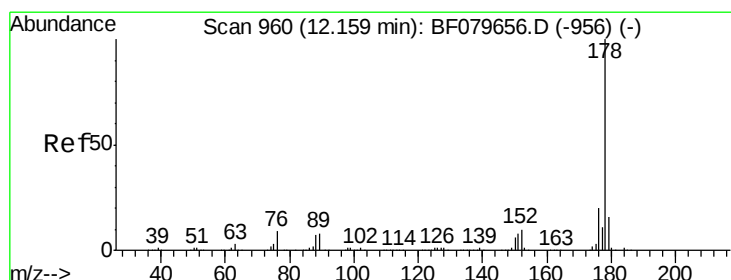
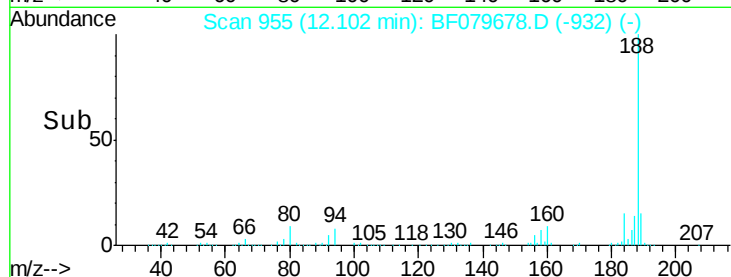
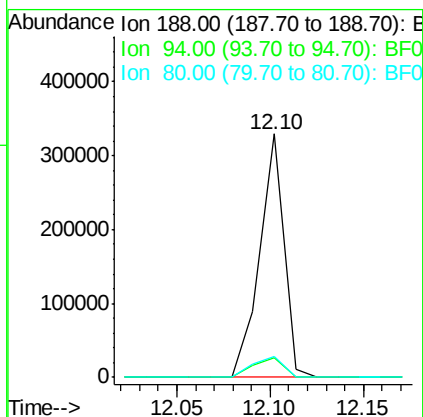
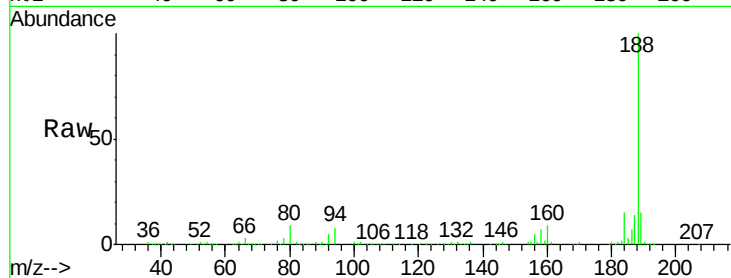
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	6.1	9.1
80	8.5	6.2	9.2

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#70

Phenanthrene

Concen: 4.40 ng

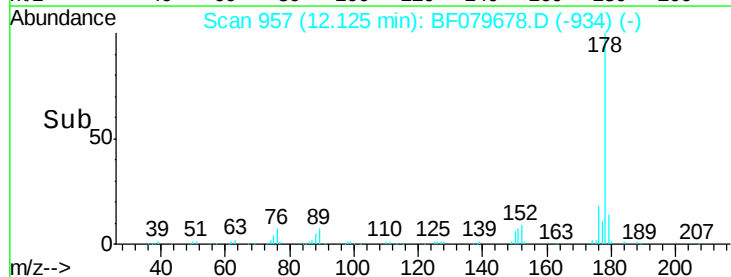
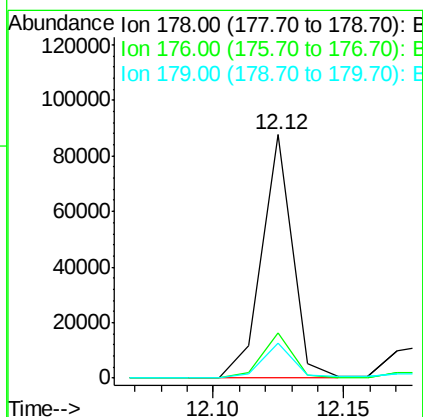
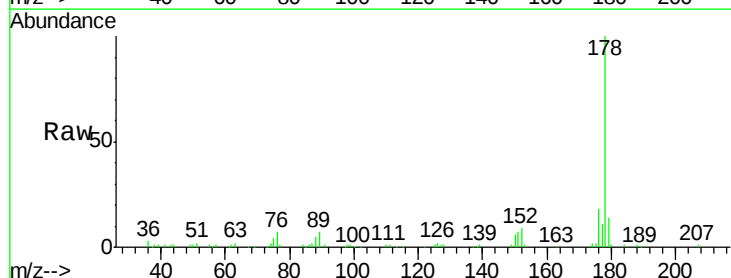
RT: 12.12 min Scan# 957

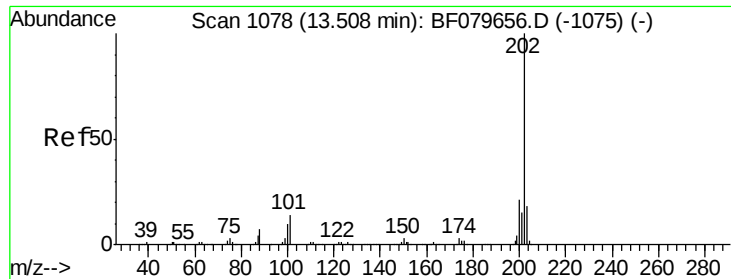
Delta R.T. -0.03 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.5	12.7	19.1





#74

Fluoranthene

Concen: 6.04 ng

RT: 13.38 min Scan# 1067

Delta R.T. -0.13 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Instrument :

BNA_F

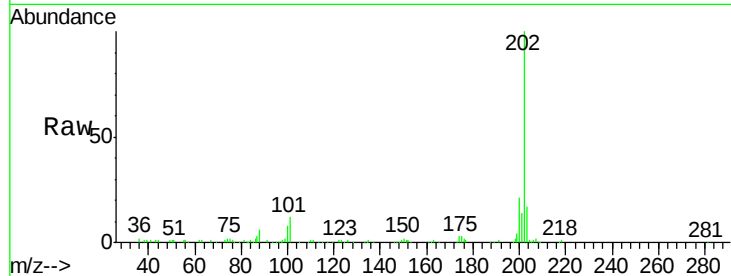
ClientSampleId :

SB-15D

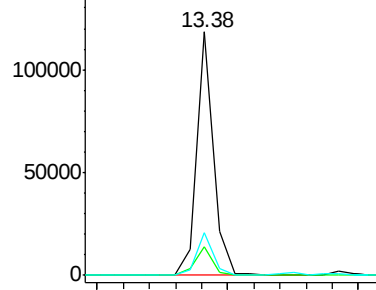
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		106549		
101	11.7	0.0	34.0		
203	17.4	0.0	37.9		

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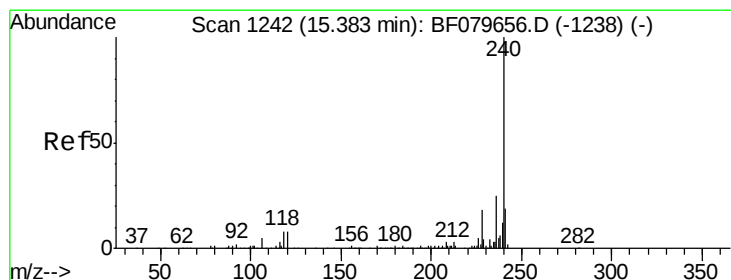
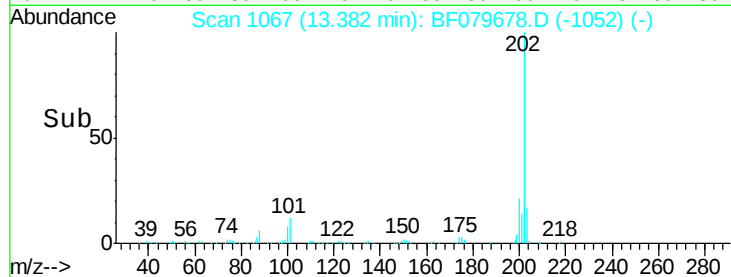
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 13.30 13.40



#75

Chrysene-d12

Concen: 20.00 ng m

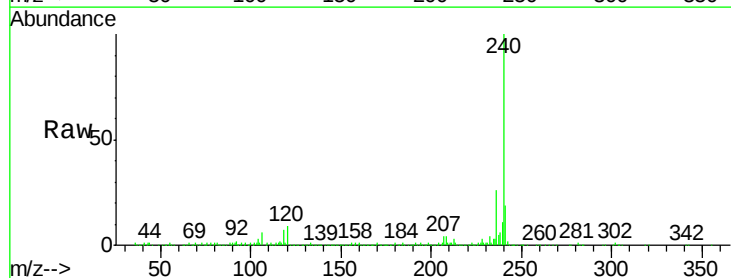
RT: 15.05 min Scan# 1213

Delta R.T. -0.33 min

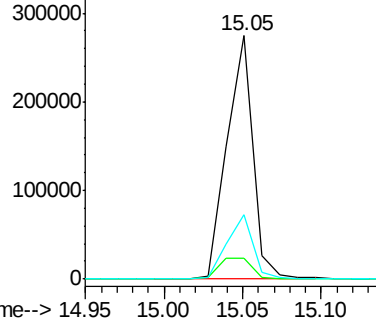
Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

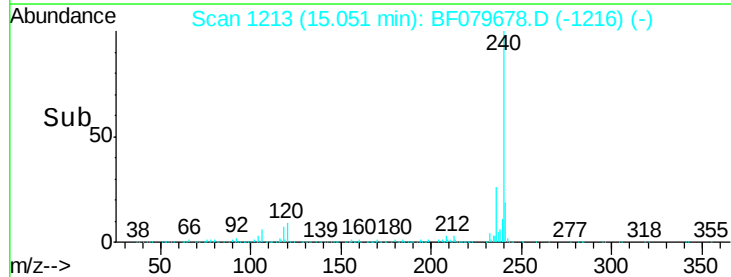
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		317645		
120	8.7	6.4	9.6		
236	26.5	20.2	30.4		

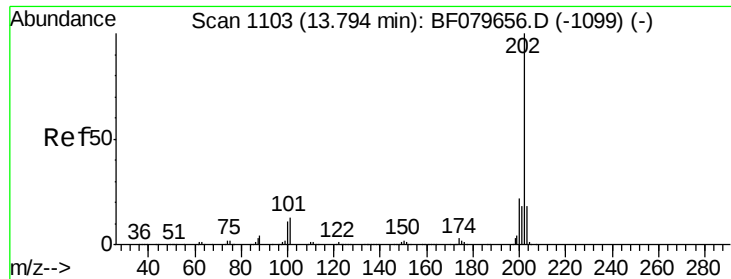


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.95 15.05 15.10





#77

Pvrene

Concen: 5.37 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.15 min

Lab File: BF079678.D

Acq: 4 Jun 2015 00:38

Instrument :

BNA_F

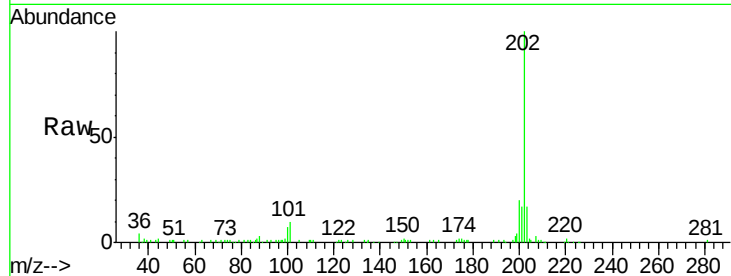
ClientSampleId :

SB-15D

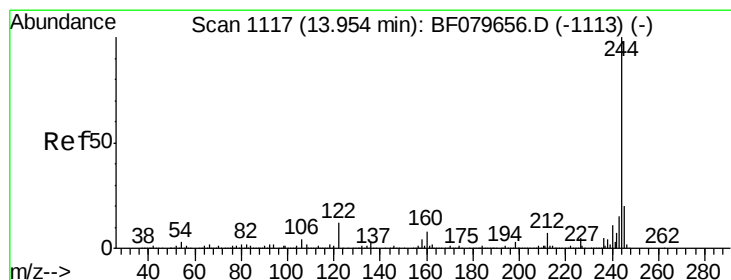
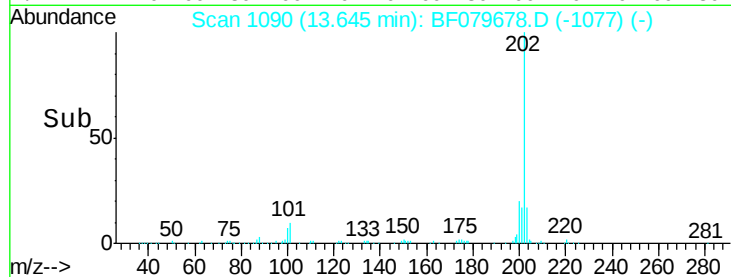
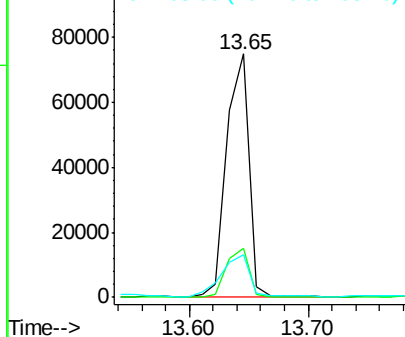
Tot Ion:	202	Resp:	98254
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.0
203	17.4	14.5	21.7

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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: 8.29 ng

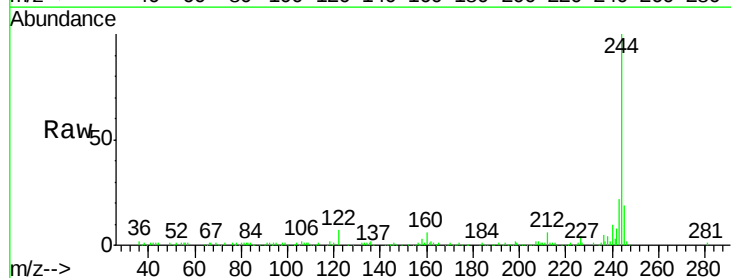
RT: 13.78 min Scan# 1102

Delta R.T. -0.17 min

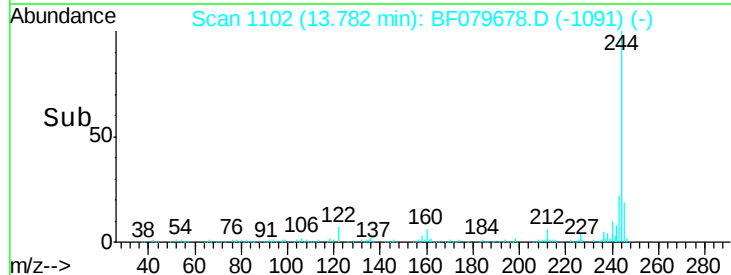
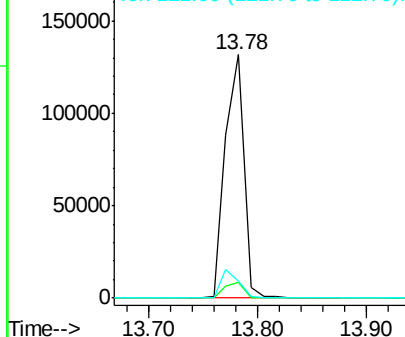
Lab File: BF079678.D

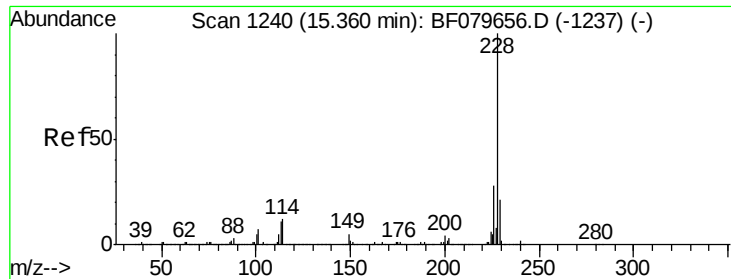
Acq: 4 Jun 2015 00:38

Tgt Ion:	244	Resp:	157463
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.9	8.9
122	7.0	9.8	14.6#



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





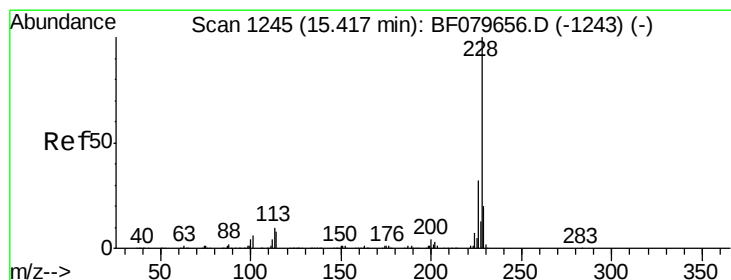
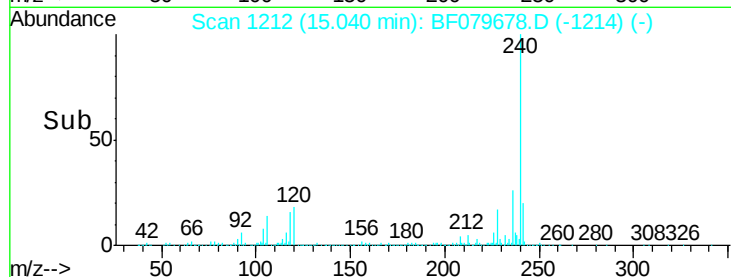
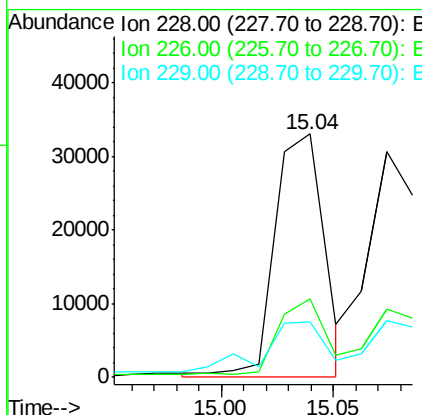
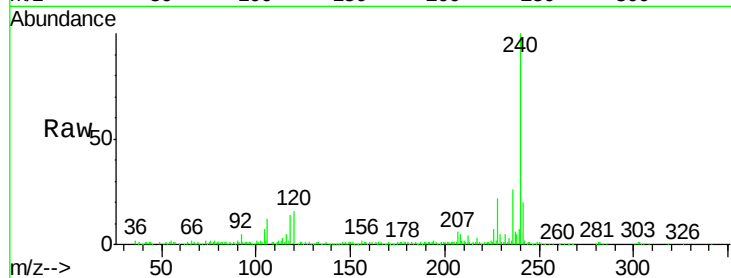
#80
Benzo(a)anthracene
Concen: 2.93 ng m
RT: 15.04 min Scan# 1212
Delta R.T. -0.32 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.5	33.7
229	22.8	16.6	24.8

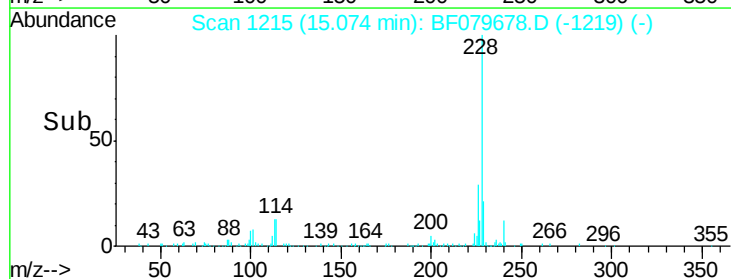
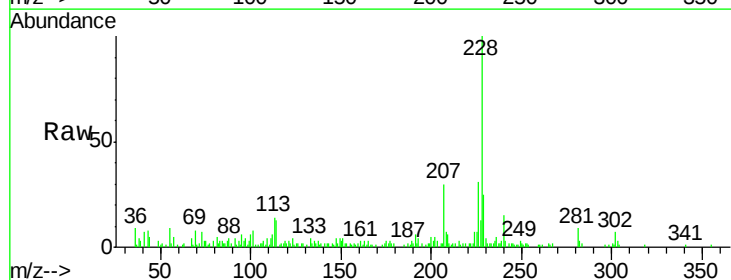
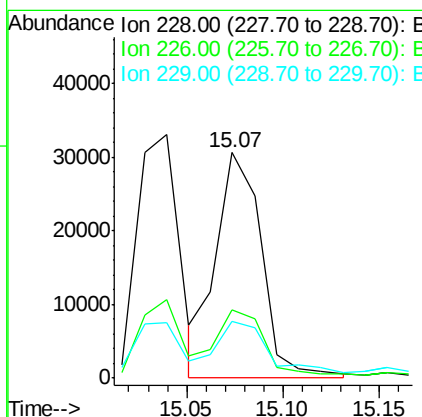
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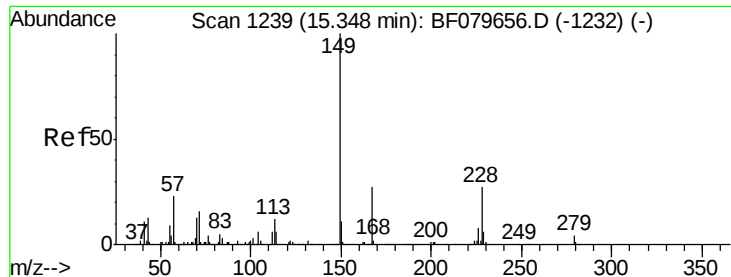
apatel
6/5/2015 8:08:50 AM



#82
Chrysene
Concen: 2.86 ng m
RT: 15.07 min Scan# 1215
Delta R.T. -0.34 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	25.2	16.3	24.5#





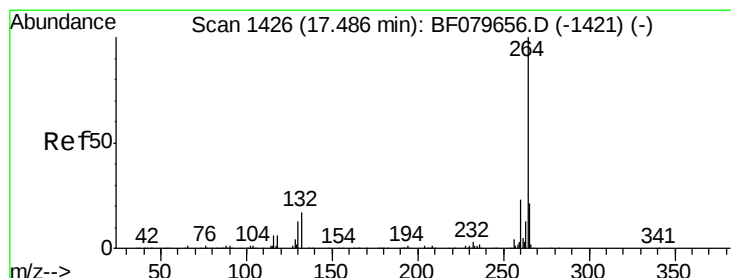
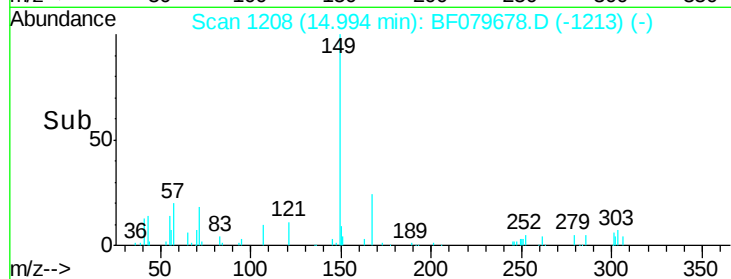
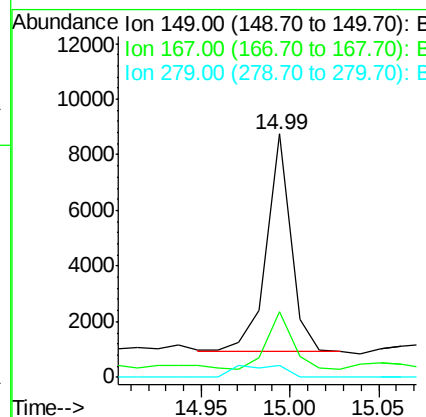
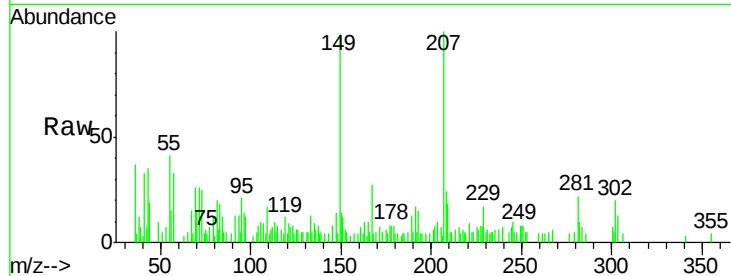
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.89 ng m
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.35 min
 Lab File: BF079678.D
 Acq: 4 Jun 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-15D

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.8	3.1	4.7#

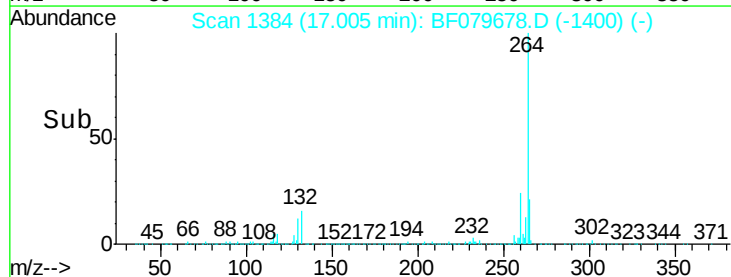
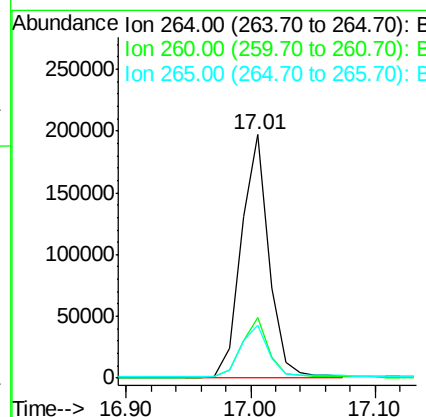
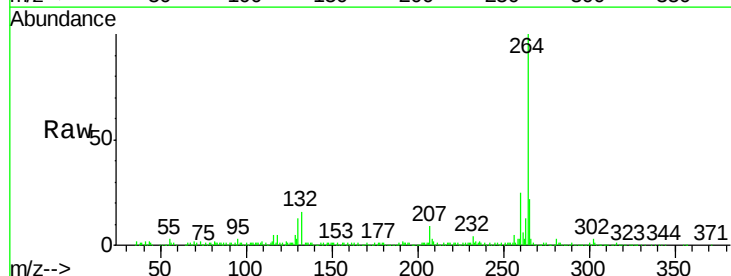
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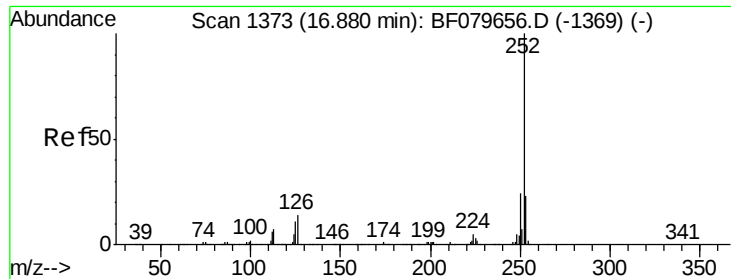
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#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 17.01 min Scan# 1384
 Delta R.T. -0.48 min
 Lab File: BF079678.D
 Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.8	17.4	26.0





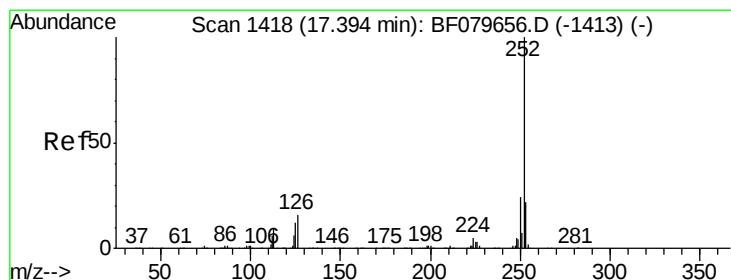
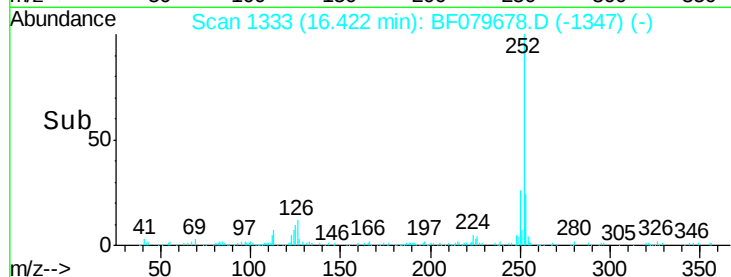
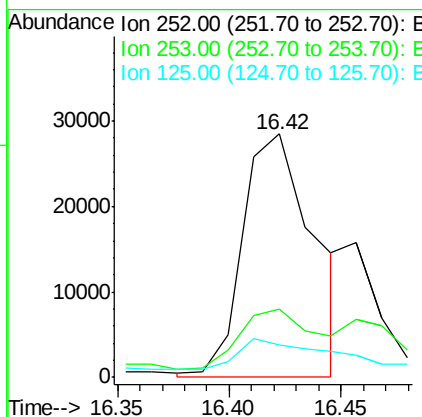
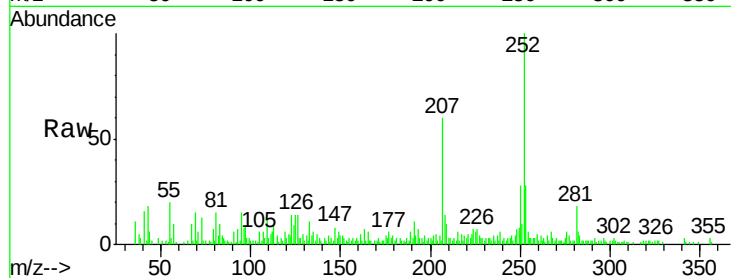
#87
Benzo(b)fluoranthene
Concen: 3.93 ng m
RT: 16.42 min Scan# 1333
Delta R.T. -0.46 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampled :
SB-15D

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	13.6	8.7	13.1#

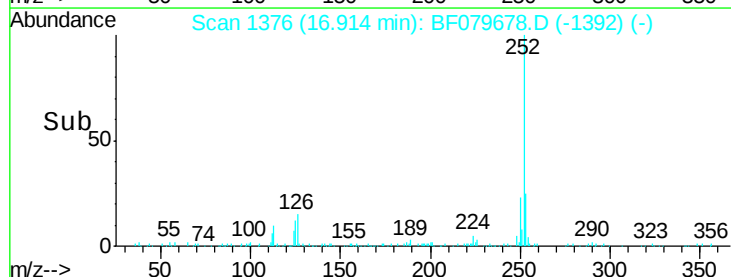
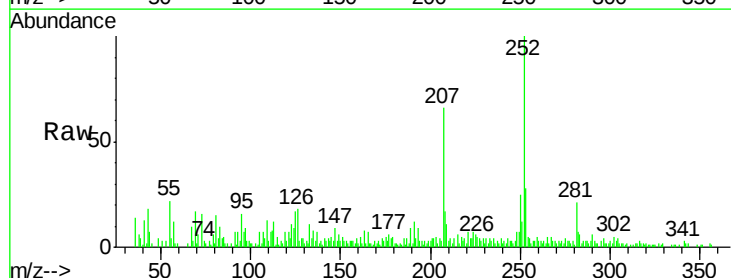
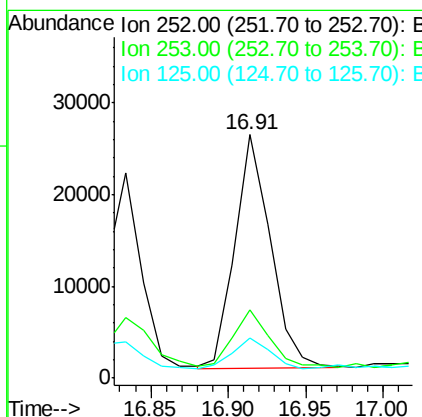
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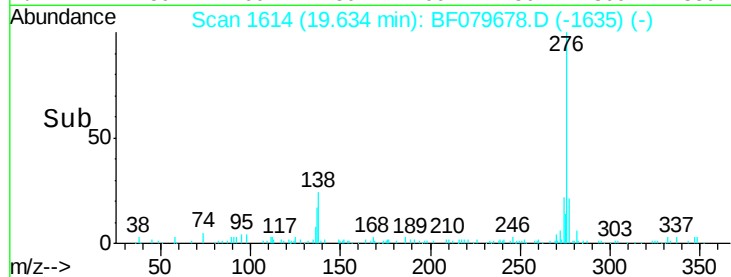
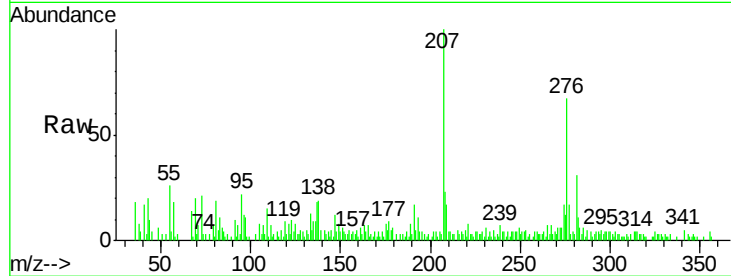
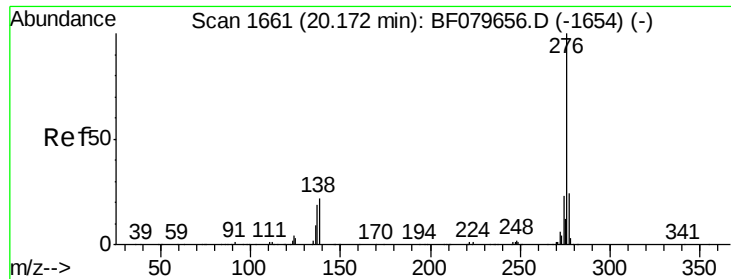
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#89
Benzo(a)pyrene
Concen: 2.60 ng m
RT: 16.91 min Scan# 1376
Delta R.T. -0.48 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.9	26.9#
125	16.7	9.4	14.0#





#91
Benzo(a,h,i)perylene
Concen: 2.04 ng m
RT: 19.63 min Scan# 1614
Delta R.T. -0.54 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.1	28.7
138	28.0	17.4	26.0

Manual Integrations
APPROVED

apatel
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