

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079684.D
 Acq On : 4 Jun 2015 3:31
 Operator : TP/IZ
 Sample : G2408-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16S

Manual Integrations
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apatel
 6/5/2015 8:10:02 AM

Quant Time: Jun 04 14:08:25 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	78638	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	304340	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	150676	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	308878	20.00	ng	-0.03
75) Chrysene-d12	14.99	240	324148m	20.00	ng	-0.39
86) Perylene-d12	16.93	264	324789m	20.00	ng	-0.56
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	526829	121.36	ng	0.00
7) Phenol-d6	7.11	99	659800	116.56	ng	0.00
23) Nitrobenzene-d5	8.07	82	330217	65.08	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	146842	118.08	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	759211	75.56	ng	0.00
78) Terphenyl-d14	13.75	244	900837	69.64	ng	-0.20
Target Compounds						Qvalue
49) Dimethylphthalate	10.27	163	101667	9.21	ng	98
70) Phenanthrene	12.13	178	138399	8.10	ng	98
71) Anthracene	12.17	178	37215	2.17	ng	100
74) Fluoranthene	13.37	202	270324	14.68	ng	90
77) Pyrene	13.62	202	283842	15.21	ng	98
80) Benzo(a)anthracene	14.98	228	151236m	8.53	ng	
82) Chrysene	15.02	228	142041m	7.96	ng	
83) Bis(2-ethylhexyl)phthalate	14.94	149	37514m	6.51	ng	
85) Indeno(1,2,3-cd)pyrene	18.93	276	81313m	4.66	ng	
87) Benzo(b)fluoranthene	16.34	252	190950m	11.38	ng	
88) Benzo(k)fluoranthene	16.38	252	51203m	2.60	ng	
89) Benzo(a)pyrene	16.83	252	146254m	8.91	ng	
91) Benzo(a,h,i)perylene	19.54	276	102033m	6.26	ng	

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

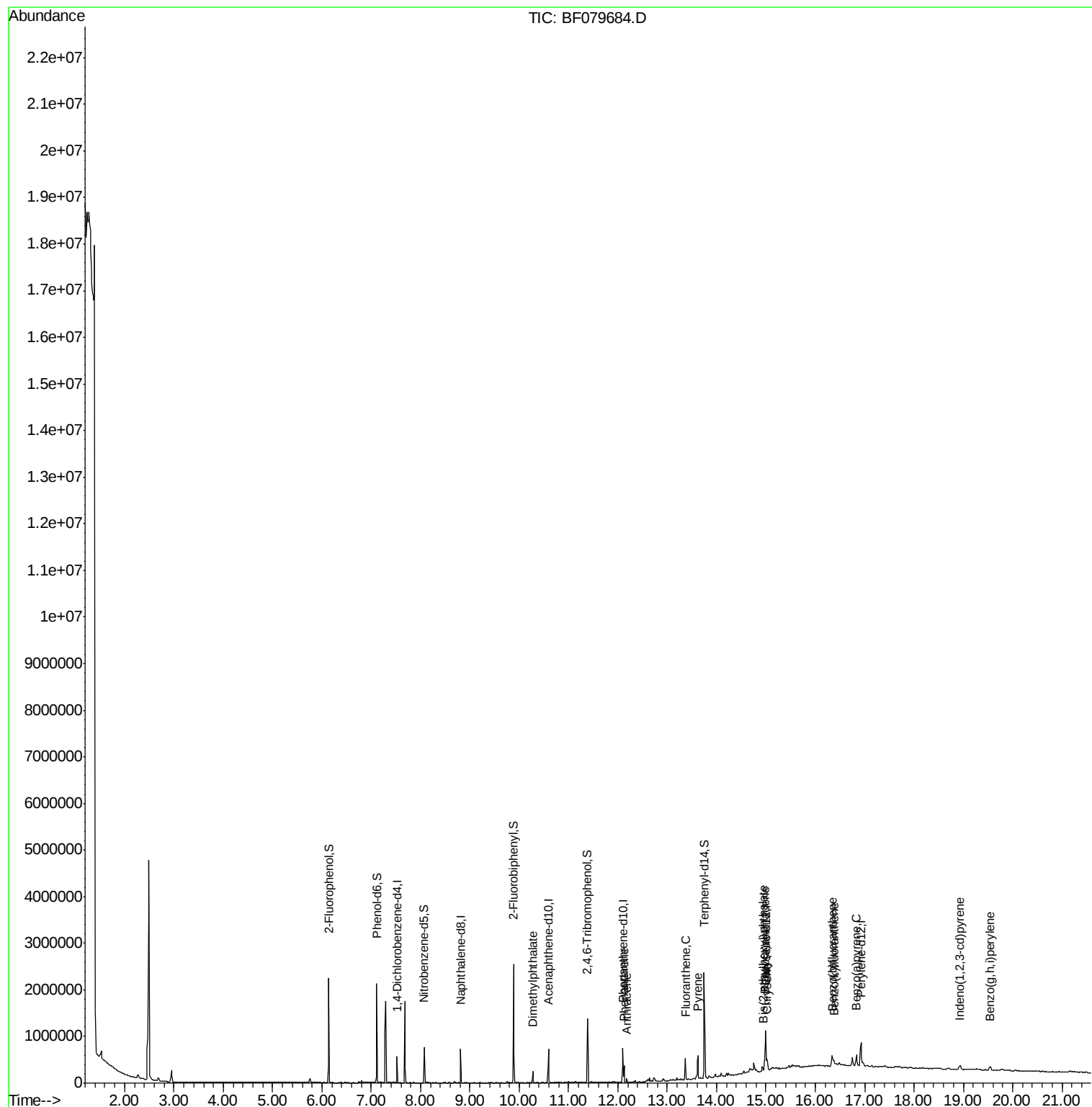
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079684.D
Acq On : 4 Jun 2015 3:31
Operator : TP/IZ
Sample : G2408-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

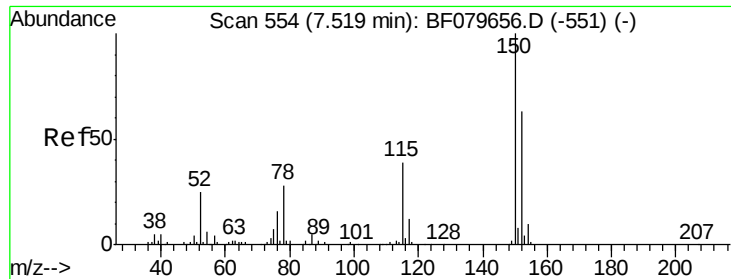
Instrument :
BNA_F
ClientSampleId :
SB-16S

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Quant Time: Jun 04 14:08:25 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

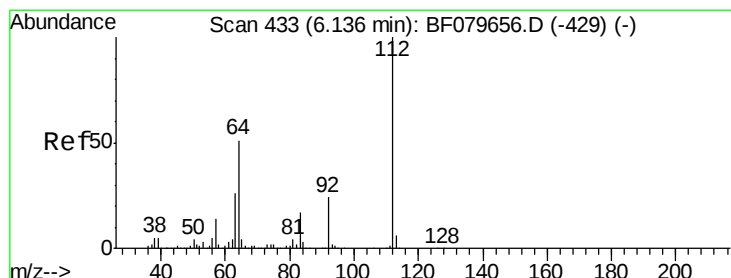
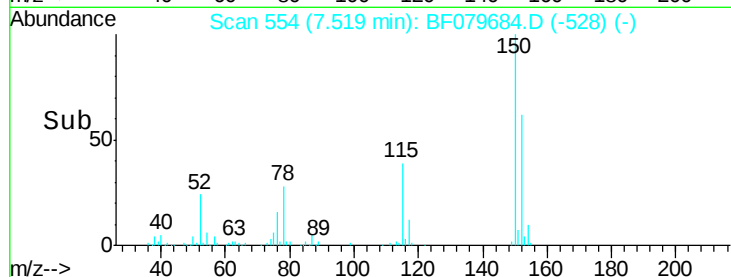
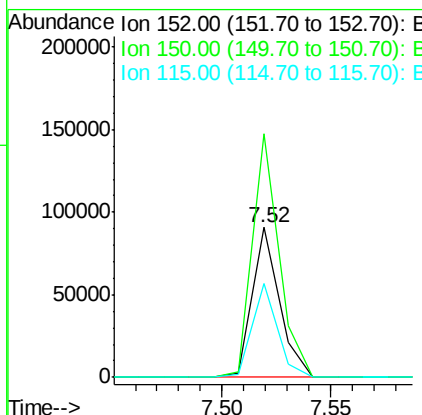
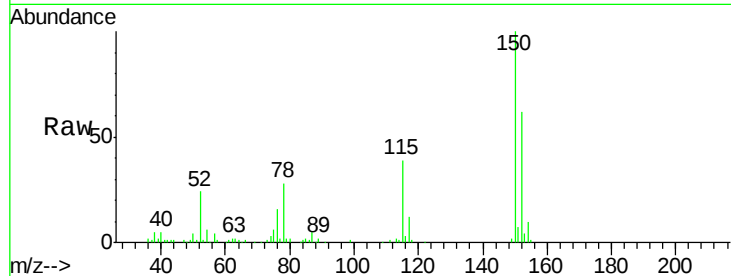
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Instrument :
BNA_F
ClientSampleId :
SB-16S

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.7	190.1
115	62.9	49.2	73.8

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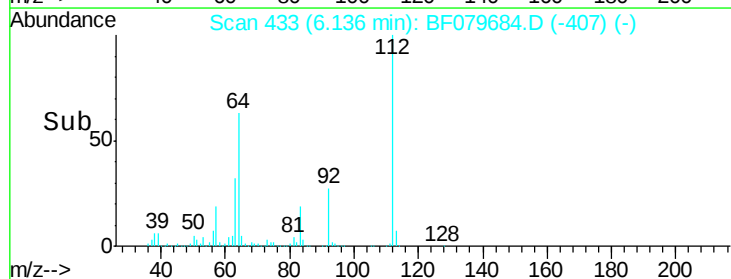
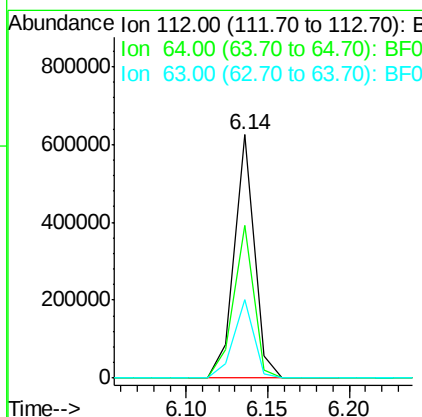
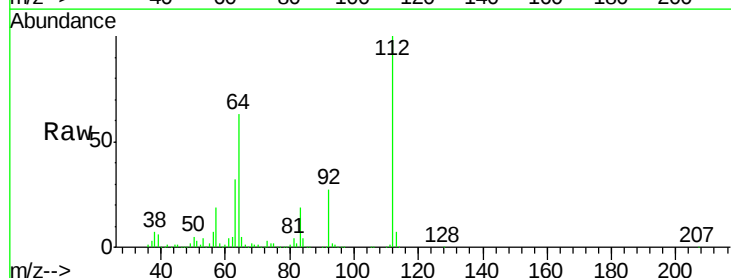
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#5

2-Fluorophenol
Concen: 121.36 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	41.1	61.7#
63	32.0	20.5	30.7#





#7

Phenol-d6

Concen: 116.56 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

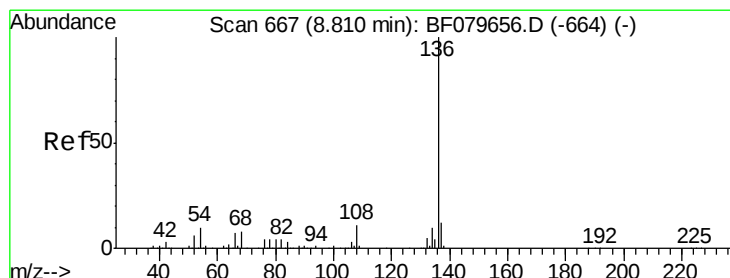
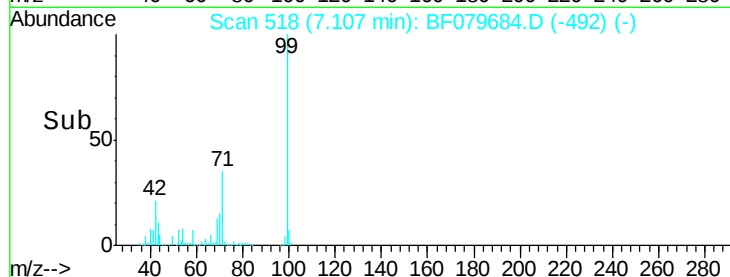
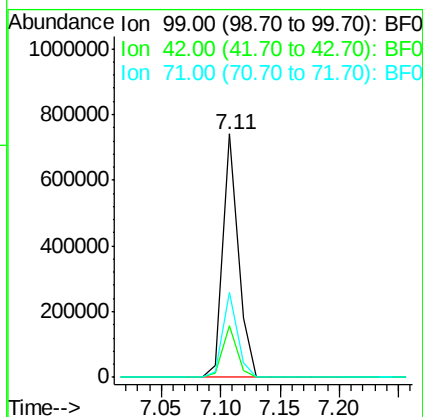
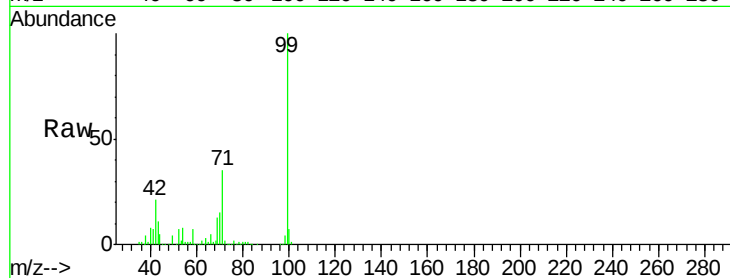
ClientSampleId :

SB-16S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		659800		
42	21.1	15.2	22.8		
71	35.0	25.9	38.9		

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#21

Naphthalene-d8

Concen: 20.00 ng

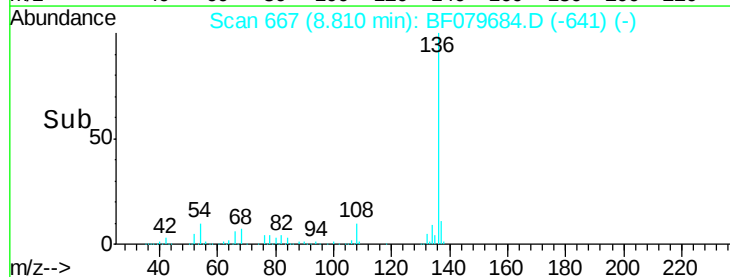
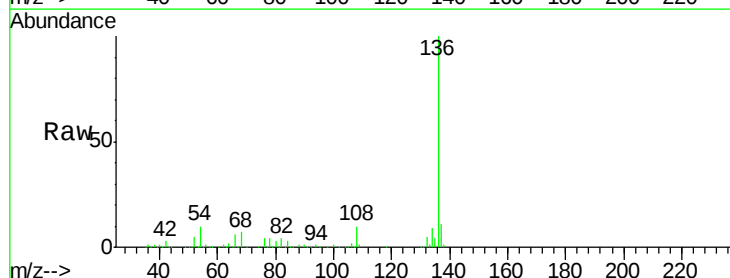
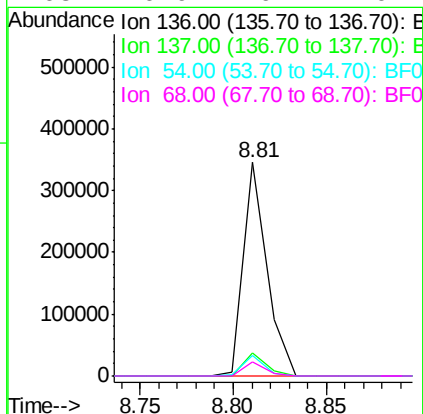
RT: 8.81 min Scan# 667

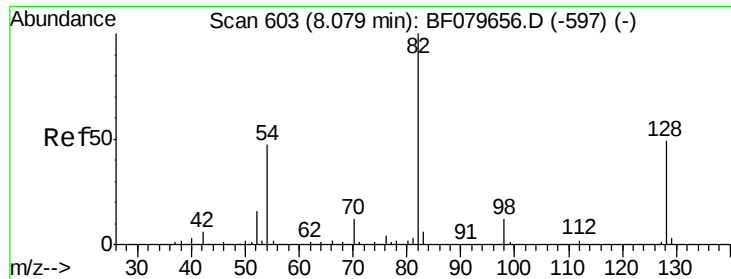
Delta R.T. 0.00 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		304340		
137	11.1	9.3	13.9		
54	9.8	8.3	12.5		
68	6.9	6.1	9.1		





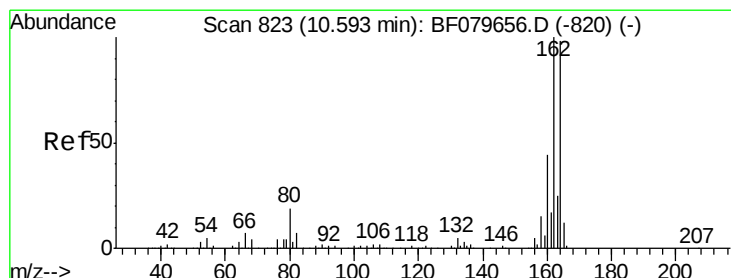
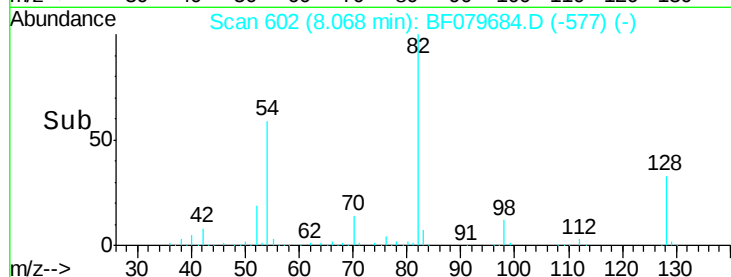
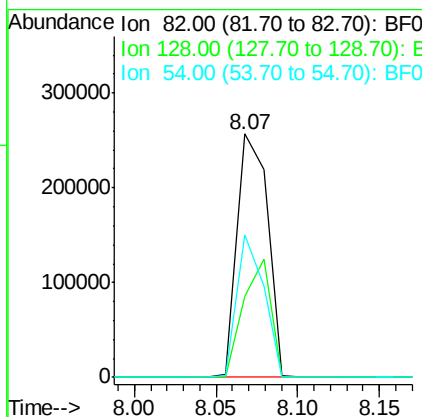
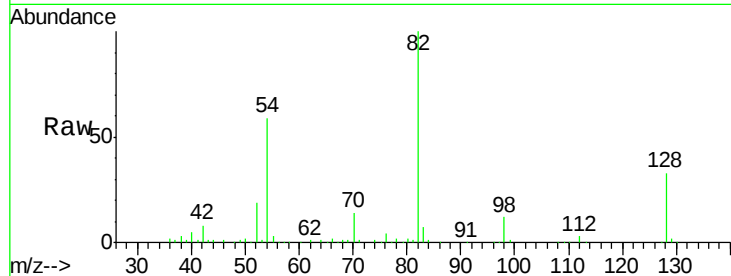
#23
 Nitrobenzene-d5
 Concen: 65.08 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF079684.D
 Acq: 4 Jun 2015 3:31

Instrument :
 BNA_F
 ClientSampled :
 SB-16S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	330217		
128	33.1		39.4	59.0#
54	58.7		37.4	56.0#

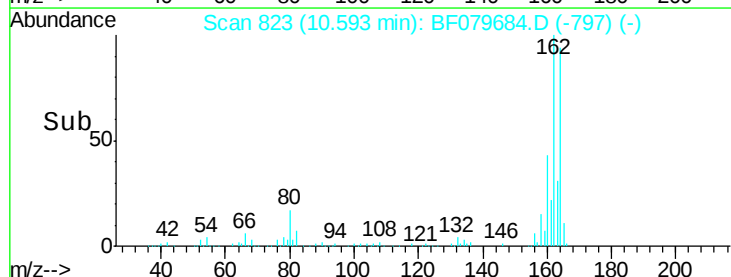
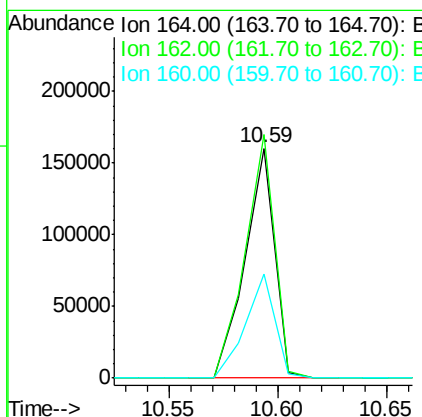
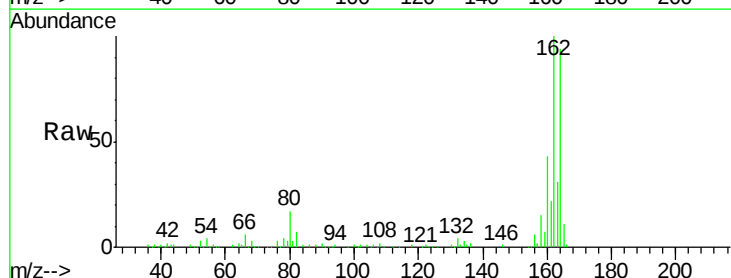
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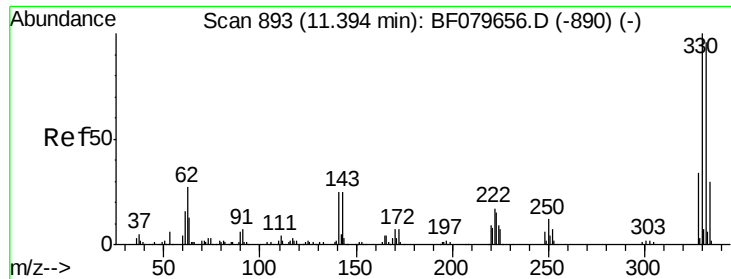
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF079684.D
 Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150676		
162	105.9		82.0	123.0
160	45.1		35.9	53.9





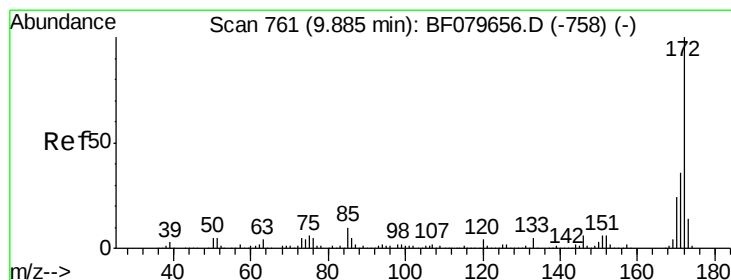
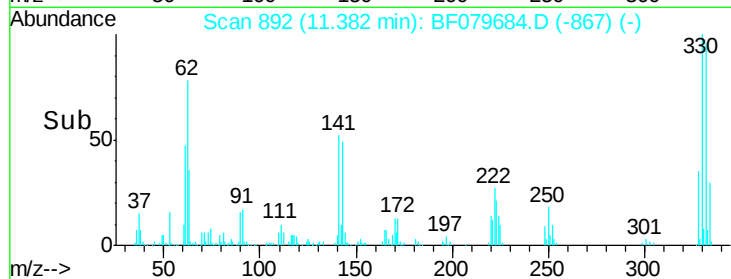
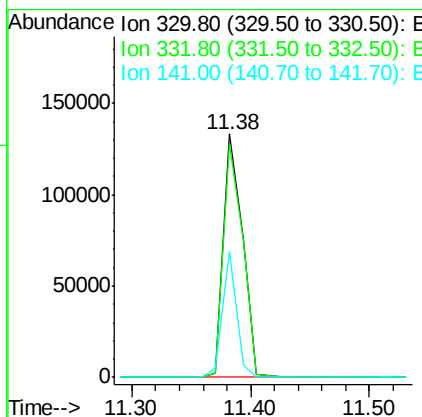
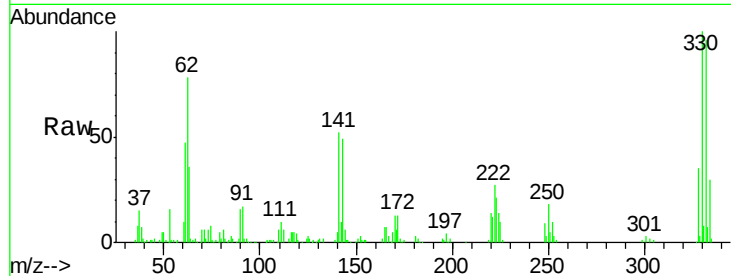
#41
 2,4,6-Tribromophenol
 Concen: 118.08 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079684.D
 Acq: 4 Jun 2015 3:31

Instrument :
 BNA_F
 ClientSampled :
 SB-16S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	146842		
332	96.6	77.3	115.9	
141	37.9	27.4	41.2	

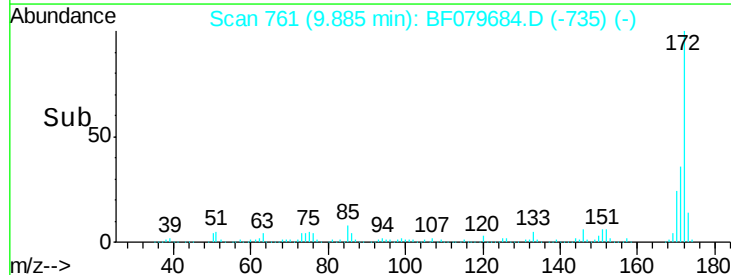
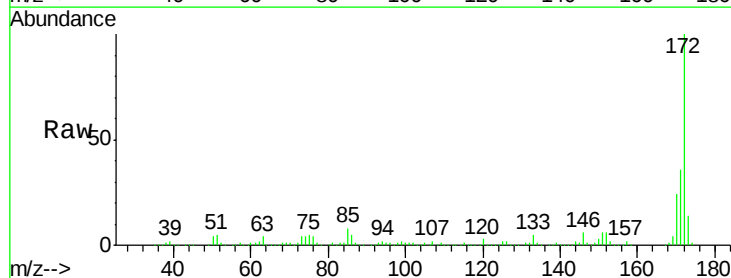
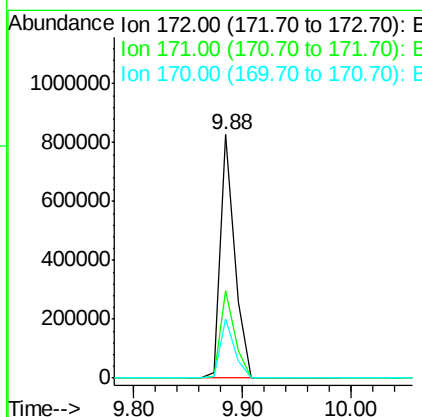
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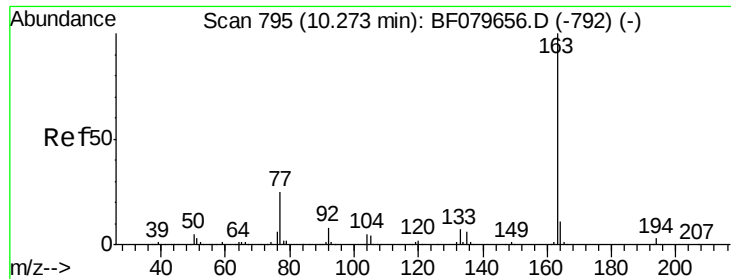
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#44
 2-Fluorobiphenyl
 Concen: 75.56 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079684.D
 Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	759211		
171	36.1	28.8	43.2	
170	24.2	19.2	28.8	





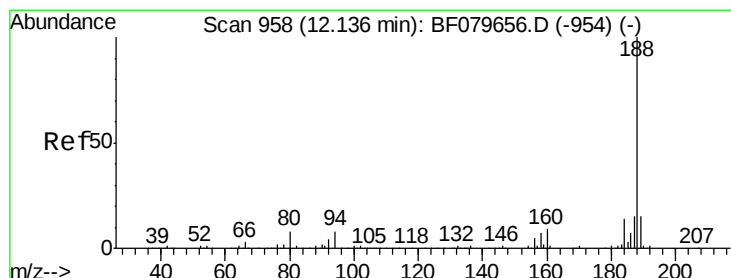
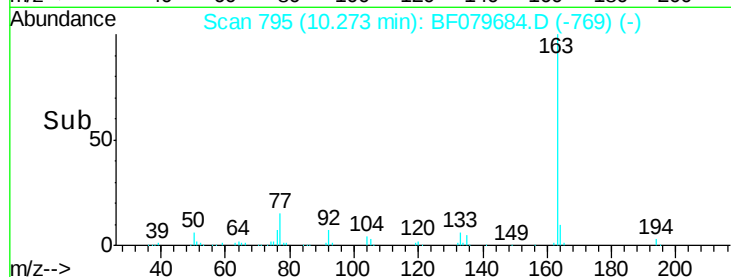
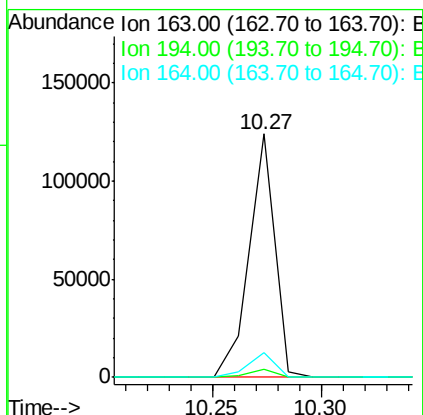
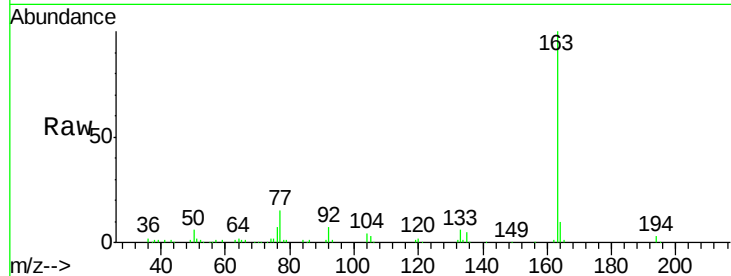
#49
Dimethylphthalate
Concen: 9.21 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	101667		
194	3.3	2.6	3.8	
164	10.0	8.6	12.8	

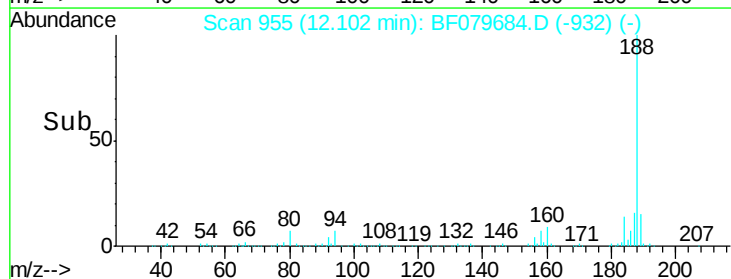
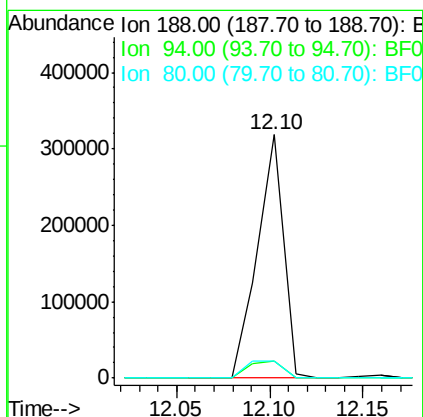
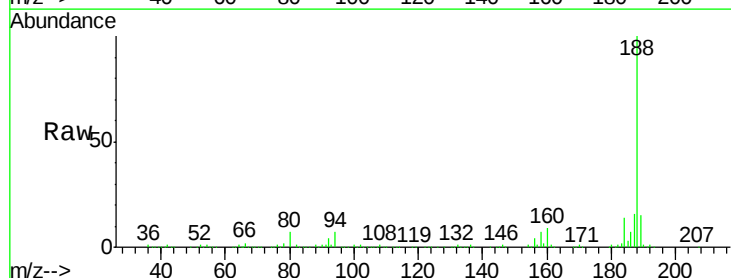
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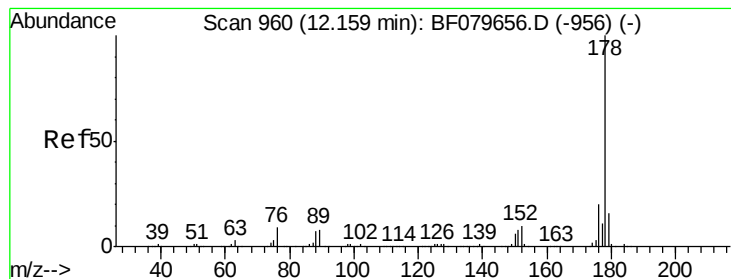
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	308878		
94	7.1	6.1	9.1	
80	7.0	6.2	9.2	





#70

Phenanthrene

Concen: 8.10 ng

RT: 12.13 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

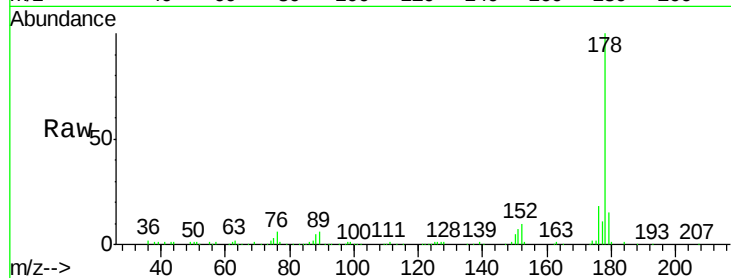
ClientSampleId :

SB-16S

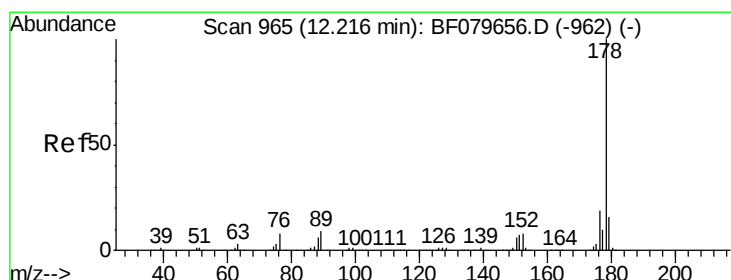
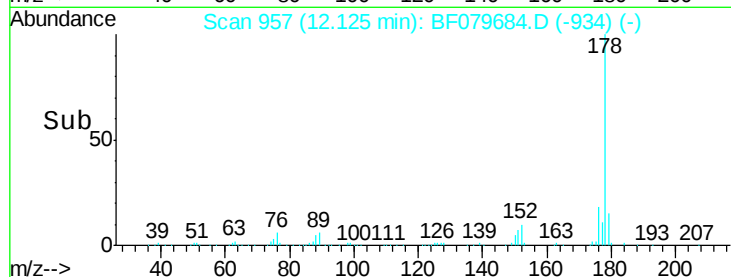
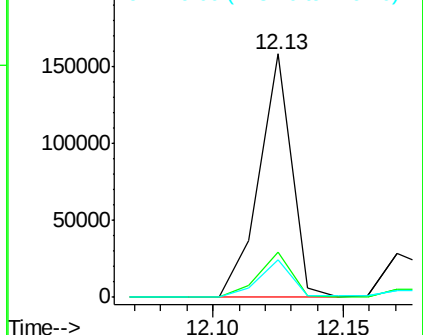
Tot Ion:178	Resp:	138399
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.8 23.8
179	15.3	12.7 19.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.17 ng

RT: 12.17 min Scan# 961

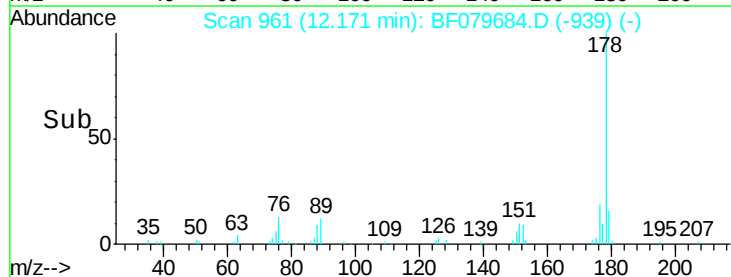
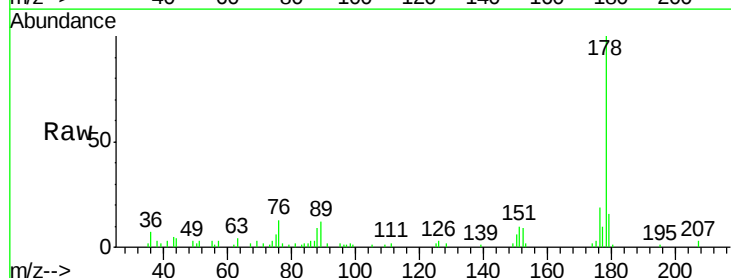
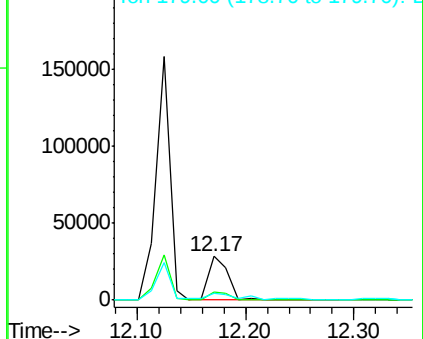
Delta R.T. -0.05 min

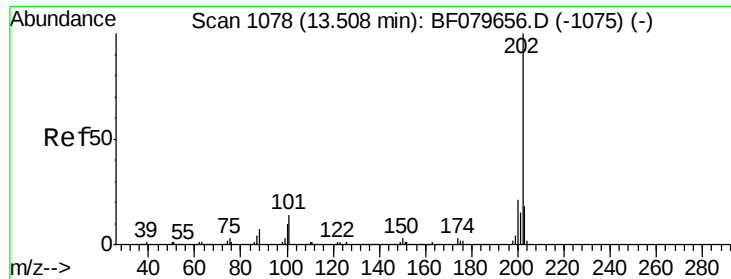
Lab File: BF079684.D

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Tgt Ion:178	Resp:	37215
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.4 23.0
179	15.6	12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 14.68 ng

RT: 13.37 min Scan# 1066

Delta R.T. -0.14 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

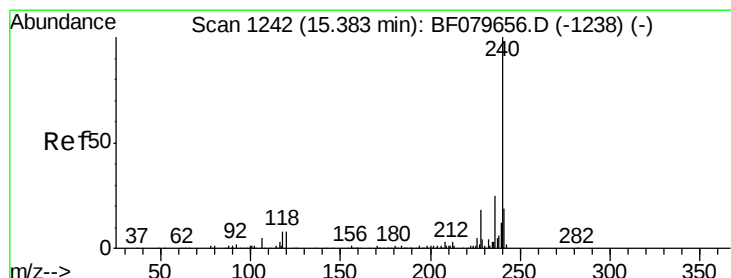
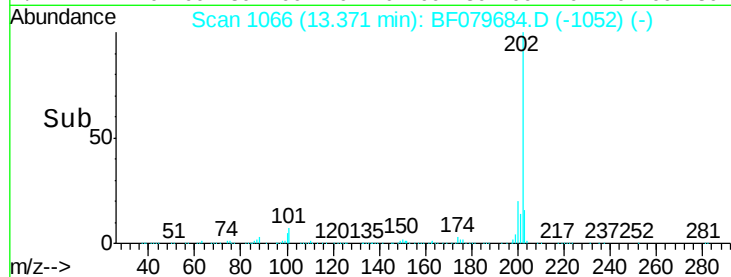
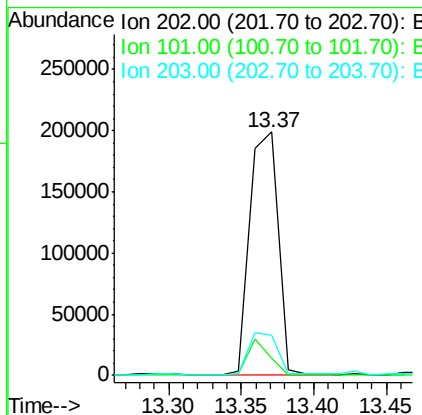
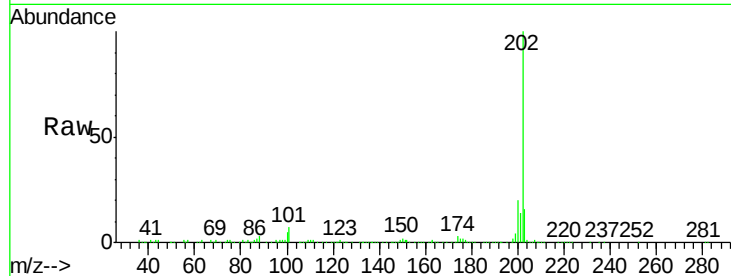
ClientSampled :

SB-16S

Tot Ion:	202	Resp:	270324
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	34.0
203	16.3	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng m

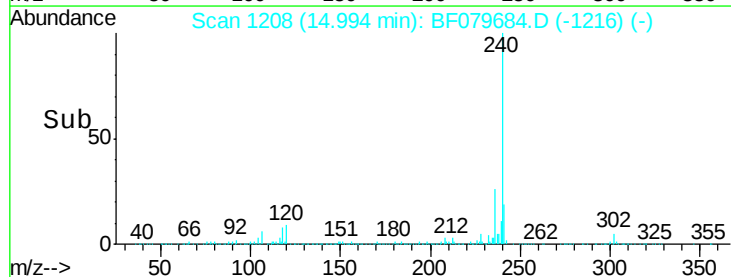
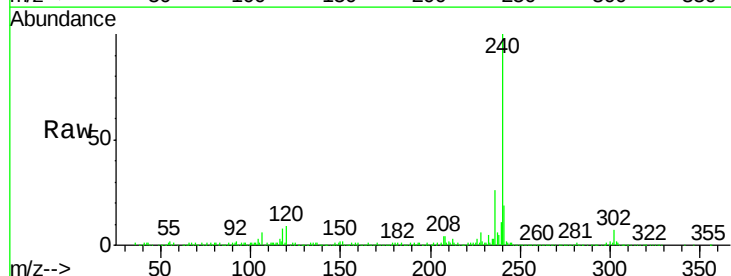
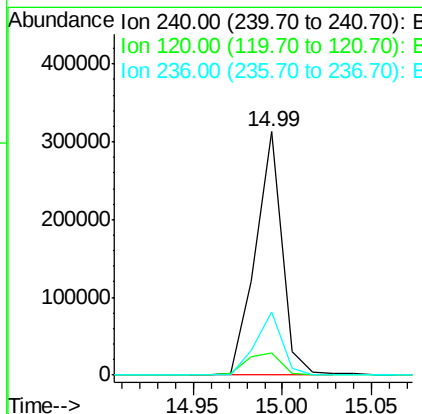
RT: 14.99 min Scan# 1208

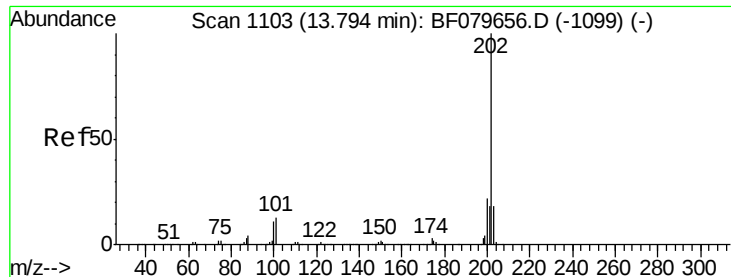
Delta R.T. -0.39 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Tgt Ion:	240	Resp:	324148
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.4	9.6
236	25.8	20.2	30.4





#77

Pvrene

Concen: 15.21 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.17 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

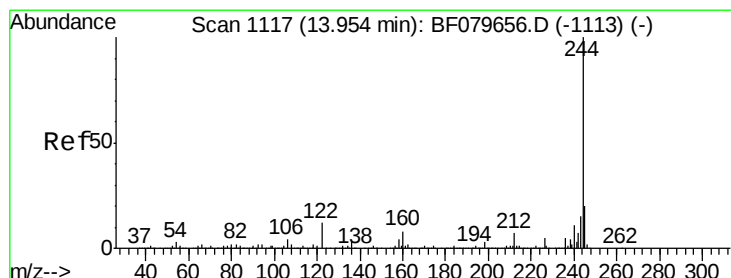
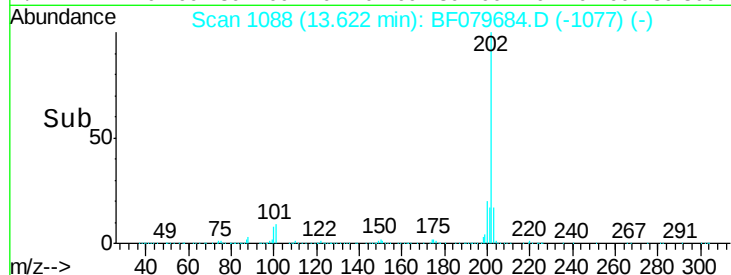
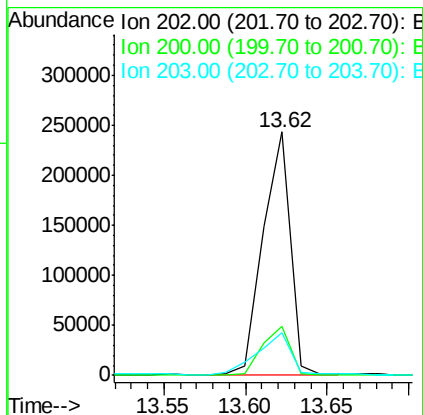
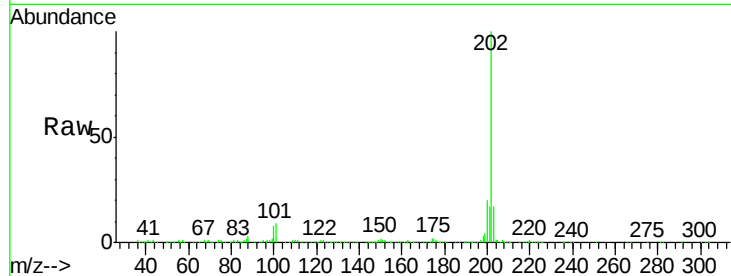
ClientSampleId :

SB-16S

Tot Ion:	202	Resp:	283842
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.0
203	17.4	14.5	21.7

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#78

Terphenyl-d14

Concen: 69.64 ng

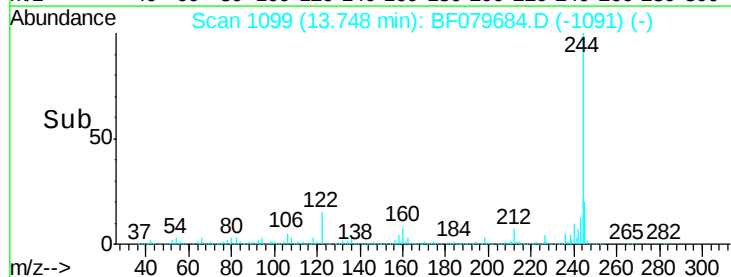
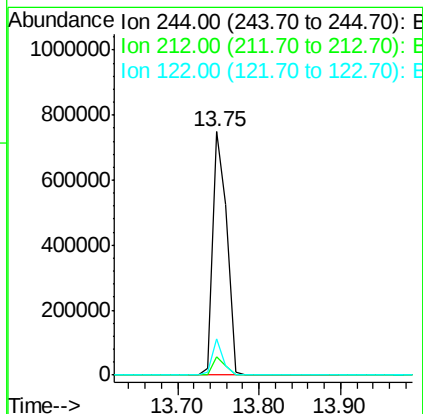
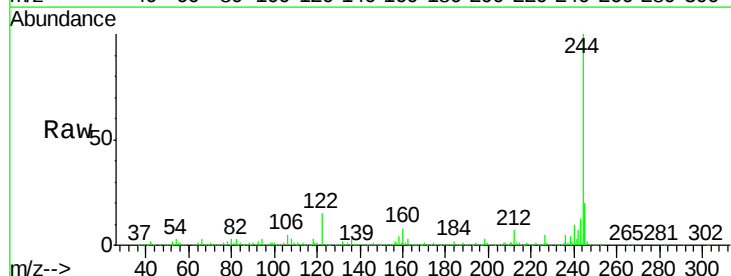
RT: 13.75 min Scan# 1099

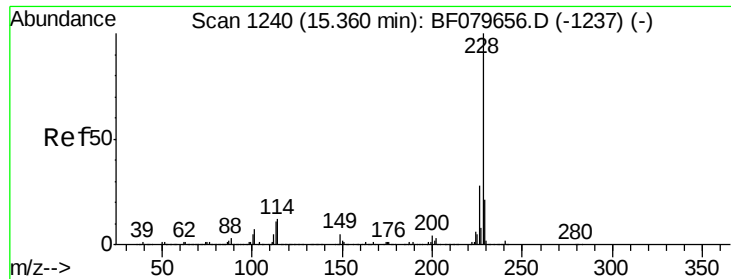
Delta R.T. -0.20 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Tgt Ion:	244	Resp:	900837
Ion Ratio		Lower	Upper
244	100		
212	7.4	5.9	8.9
122	14.8	9.8	14.6





#80

Benzo(a)anthracene

Concen: 8.53 ng m

RT: 14.98 min Scan# 1207

Delta R.T. -0.38 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

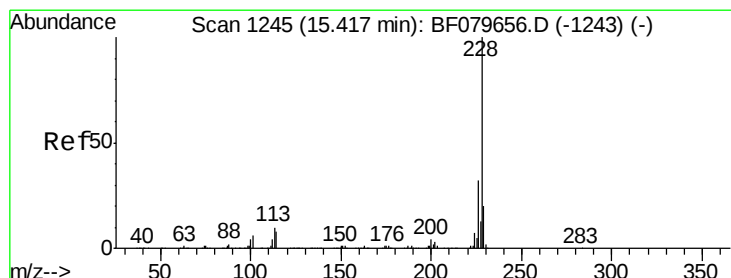
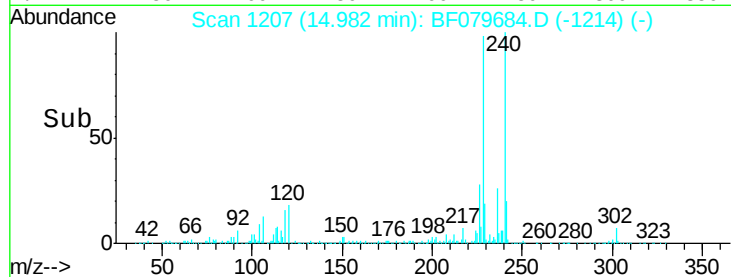
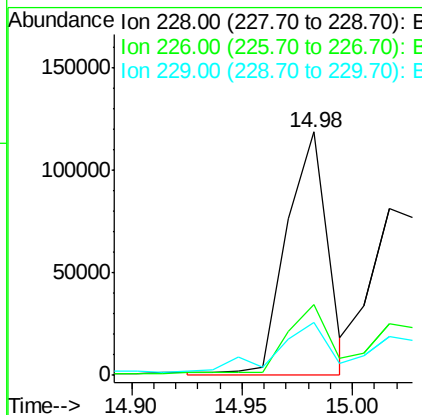
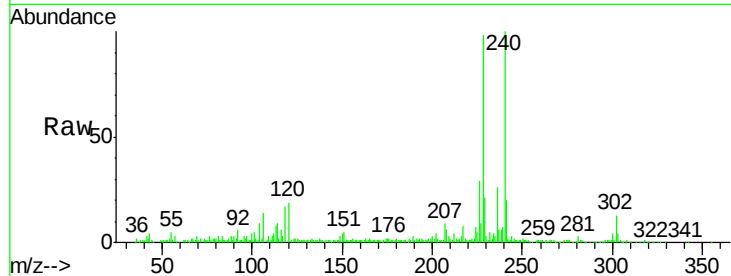
ClientSampleId :

SB-16S

Tot Ion:	228	Resp:	151236
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.5	33.7
229	21.7	16.6	24.8

Manual Integrations
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#82

Chrysene

Concen: 7.96 ng m

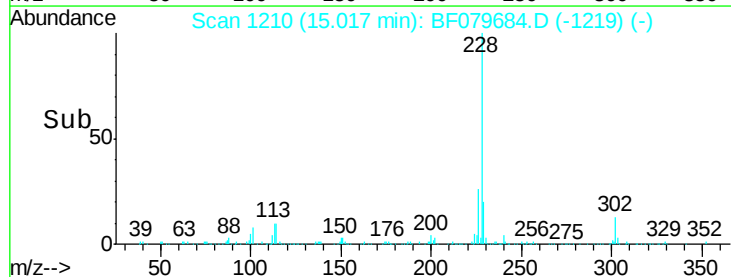
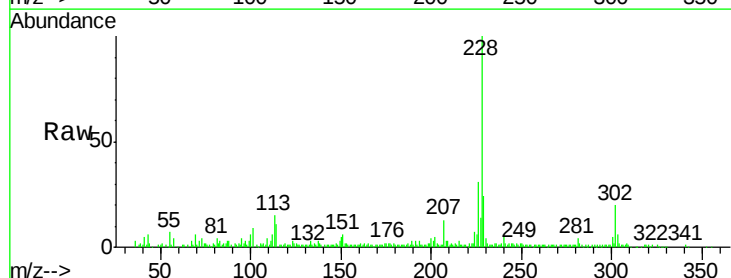
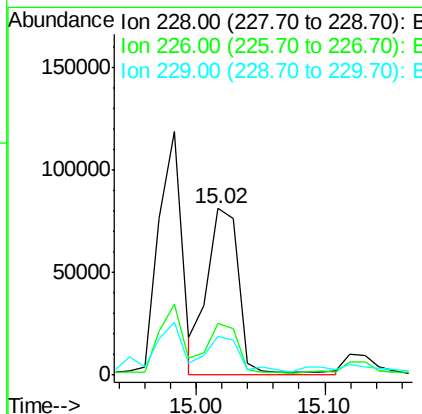
RT: 15.02 min Scan# 1210

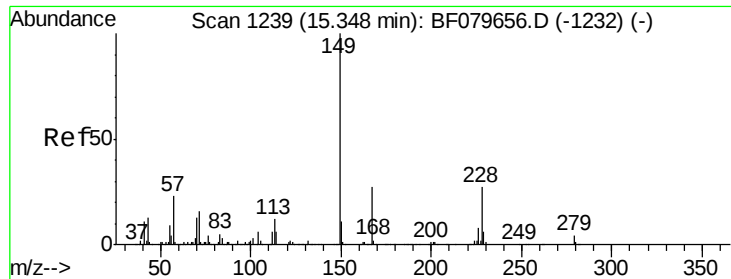
Delta R.T. -0.40 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Tgt Ion:	228	Resp:	142041
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.2	37.8
229	23.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.51 ng/mL

RT: 14.94 min Scan# 1203

Delta R.T. -0.41 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

Instrument :

BNA_F

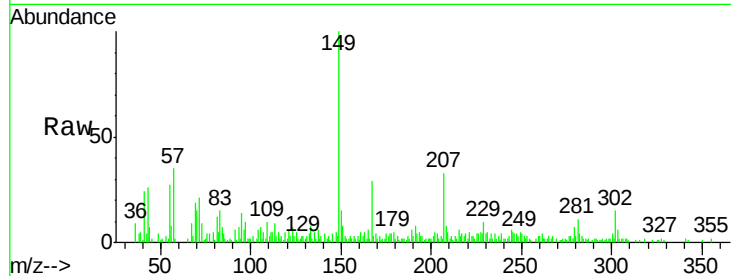
ClientSampleId :

SB-16S

Tot Ion:	149	Resp:	37514
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.6	32.4
279	6.9	3.1	4.7#

Manual Integrations
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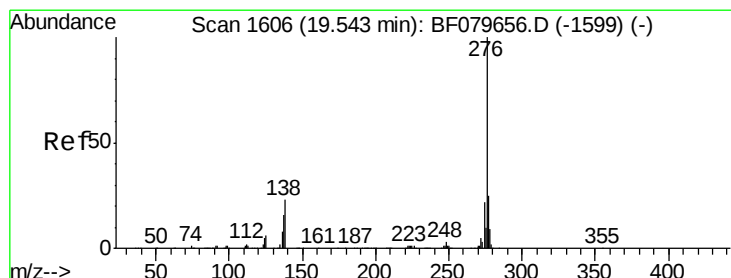
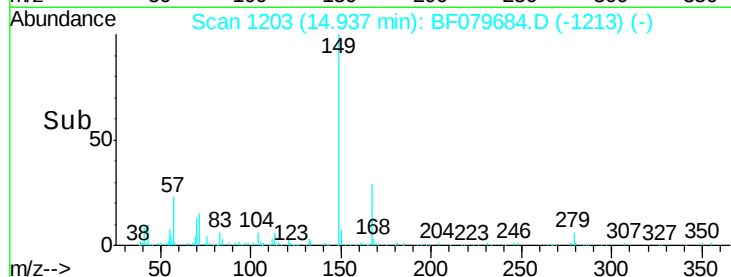
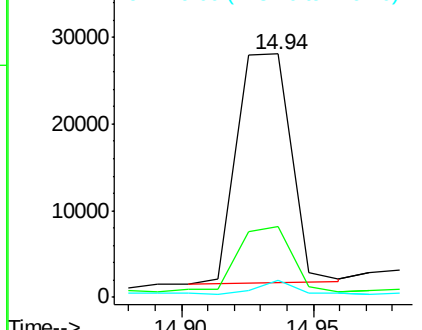
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.66 ng/mL

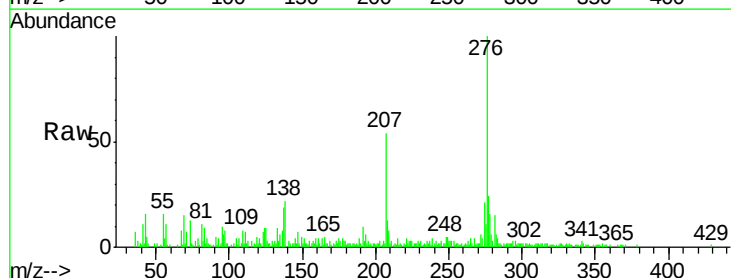
RT: 18.93 min Scan# 1552

Delta R.T. -0.62 min

Lab File: BF079684.D

Acq: 4 Jun 2015 3:31

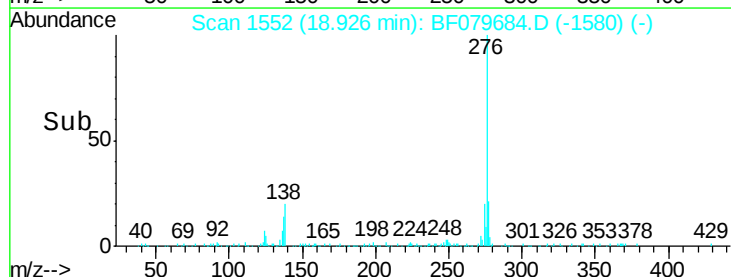
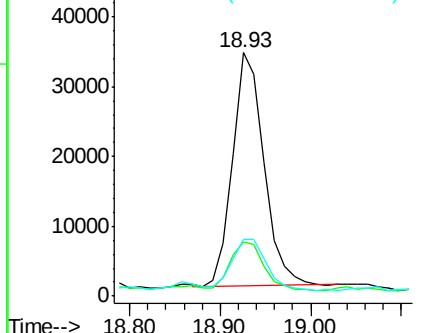
Tgt Ion:	276	Resp:	81313
Ion Ratio	Lower	Upper	
276	100		
138	29.8	21.9	32.9
277	32.5	20.2	30.4#

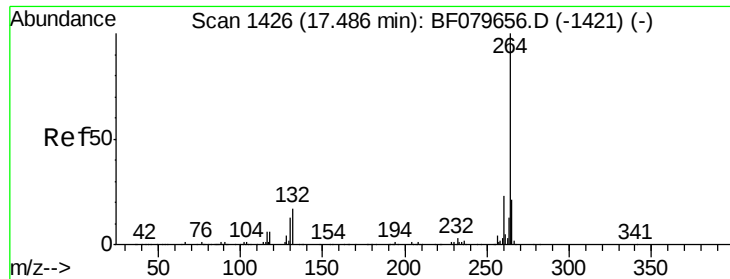


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





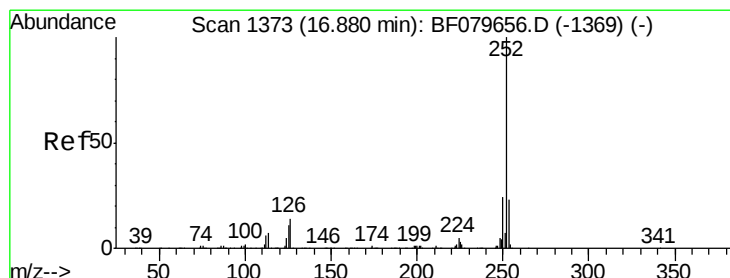
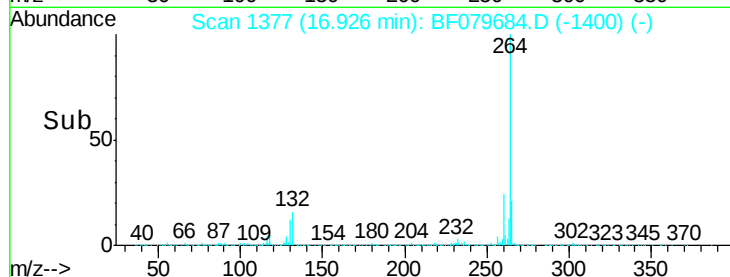
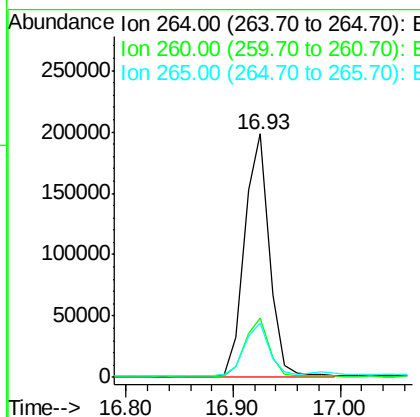
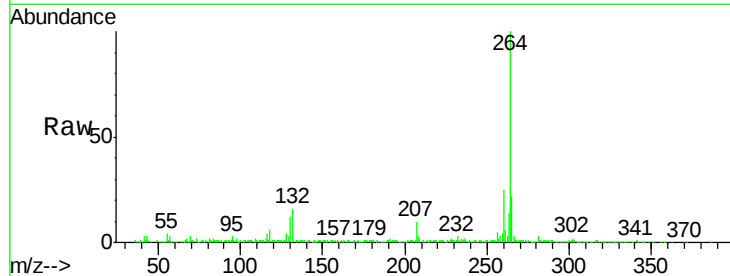
#86
Pervlene-d12
Concen: 20.00 ng/ml
RT: 16.93 min Scan# 1377
Delta R.T. -0.56 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Instrument :
BNA_F
ClientSampled :
SB-16S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.2	17.4	26.0

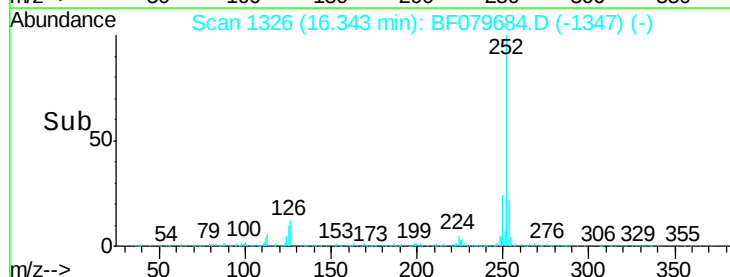
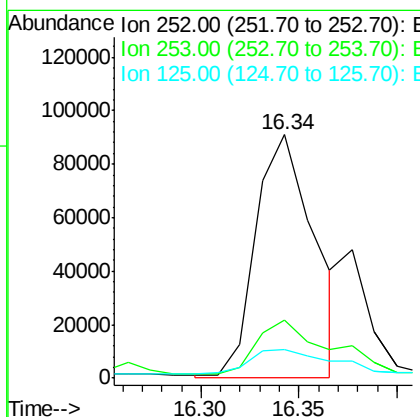
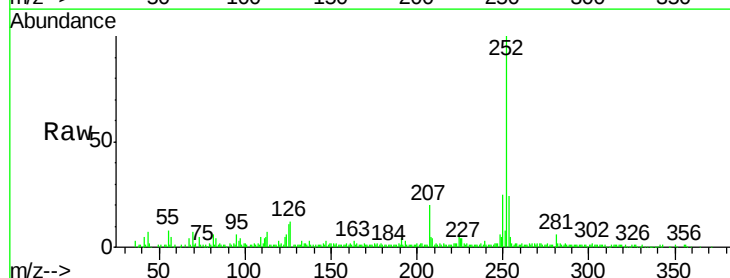
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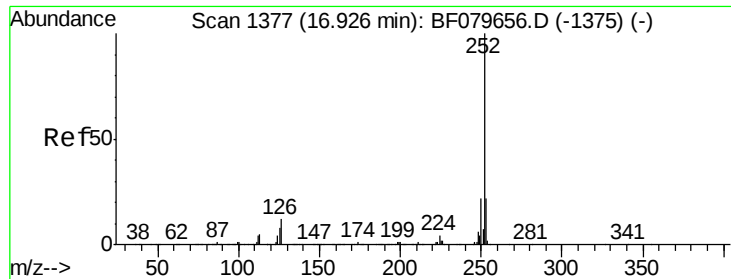
apatel
6/5/2015 8:10:02 AM



#87
Benzo(b)fluoranthene
Concen: 11.38 ng/ml
RT: 16.34 min Scan# 1326
Delta R.T. -0.54 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.5	8.7	13.1





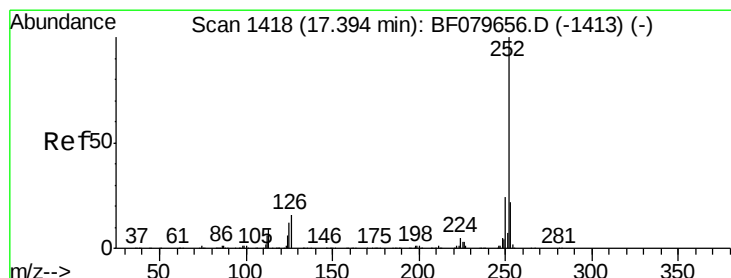
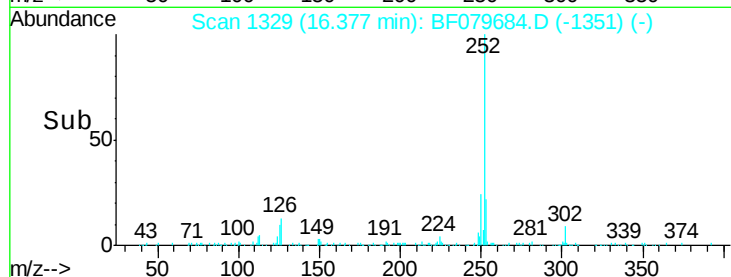
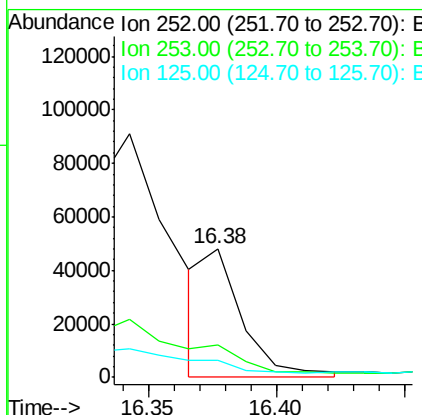
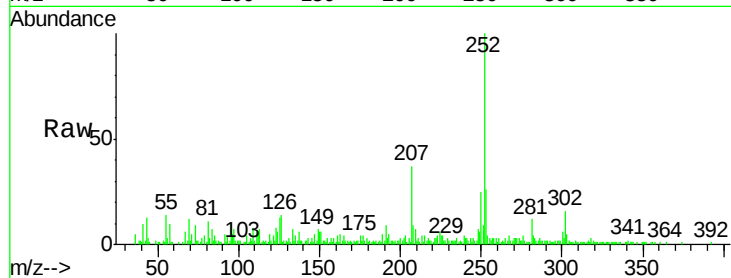
#88
Benzo(k)fluoranthene
Concen: 2.60 ng m
RT: 16.38 min Scan# 1329
Delta R.T. -0.55 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Instrument :
BNA_F
ClientSampleId :
SB-16S

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	12.9	7.1	10.7

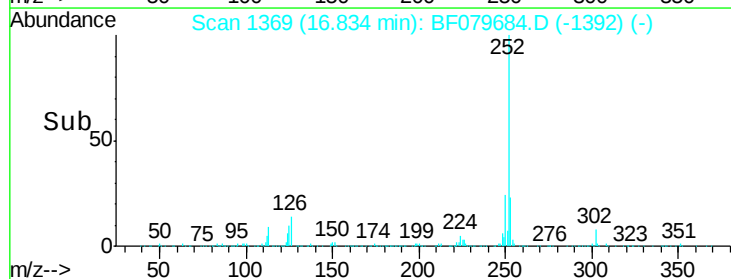
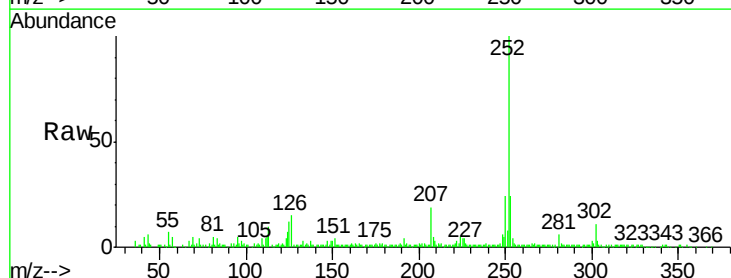
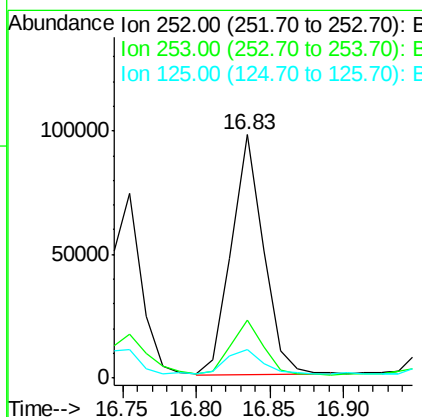
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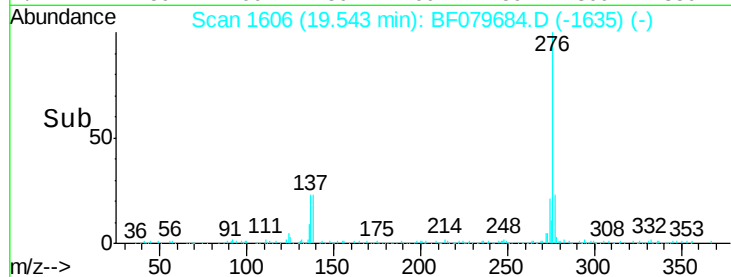
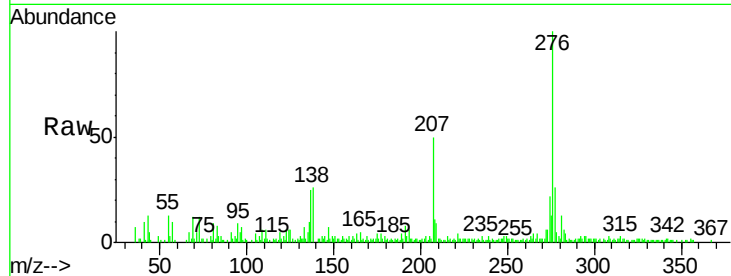
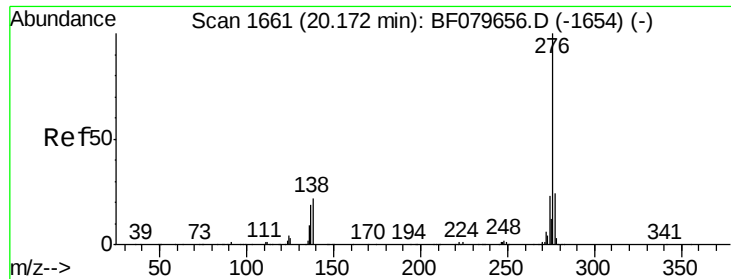
apatel
6/5/2015 8:10:02 AM



#89
Benzo(a)pyrene
Concen: 8.91 ng m
RT: 16.83 min Scan# 1369
Delta R.T. -0.56 min
Lab File: BF079684.D
Acq: 4 Jun 2015 3:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	11.6	9.4	14.0





#91
 Benzo(a,h,i)perylene
 Concen: 6.26 ng/ml
 RT: 19.54 min Scan# 1606
 Delta R.T. -0.63 min
 Lab File: BF079684.D
 Acq: 4 Jun 2015 3:31

Instrument :
 BNA_F
 ClientSampleID :
 SB-16S

Tot Ion:	276	Resp:	102033
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.1	28.7
138	25.6	17.4	26.0

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