

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079915.D
 Acq On : 12 Jun 2015 2:25
 Operator : TP/IZ
 Sample : G2449-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM6

Manual Integrations
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 6/13/2015 8:44:41 AM

Quant Time: Jun 12 05:42:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	66992	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	272429	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	149586	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	330857	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	362165	20.00	ng	-0.16
86) Perylene-d12	16.69	264	356821	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	413450	103.41	ng	0.01
7) Phenol-d6	6.99	99	592731	113.32	ng	0.00
23) Nitrobenzene-d5	7.95	82	296250	64.68	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	151597	113.55	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	675340	63.63	ng	0.00
78) Terphenyl-d14	13.61	244	866567	54.37	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	10.15	163	51064	4.33	ng	98
70) Phenanthrene	11.99	178	418676	20.96	ng	99
71) Anthracene	12.05	178	104065	5.39	ng	98
74) Fluoranthene	13.22	202	564513	26.89	ng	99
77) Pyrene	13.47	202	498656	22.24	ng	100
80) Benzo(a)anthracene	14.82	228	289795	13.47	ng	98
82) Chrysene	14.87	228	213186	10.57	ng	97
85) Indeno(1,2,3-cd)pyrene	18.57	276	137851	6.40	ng	96
87) Benzo(b)fluoranthene	16.14	252	285434m	13.45	ng	
88) Benzo(k)fluoranthene	16.17	252	97491m	4.42	ng	
89) Benzo(a)pyrene	16.61	252	207710	10.36	ng	96
90) Dibenzo(a,h)anthracene	18.59	278	45806	2.47	ng	97
91) Benzo(a,h,i)perylene	19.15	276	129960	6.63	ng	96

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

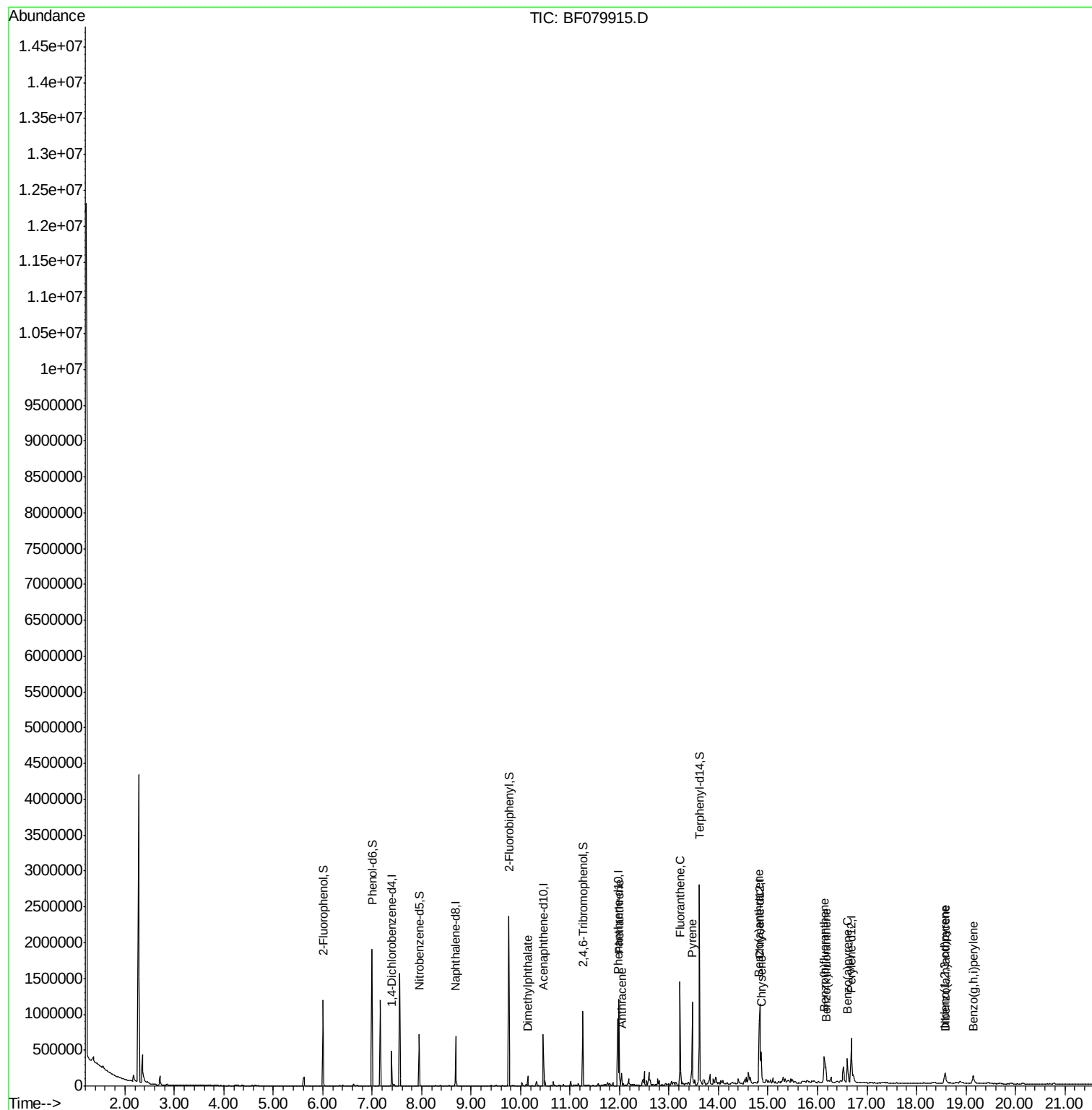
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079915.D
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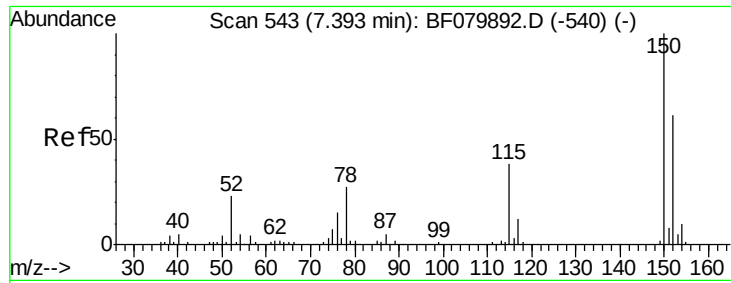
Instrument :
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#1

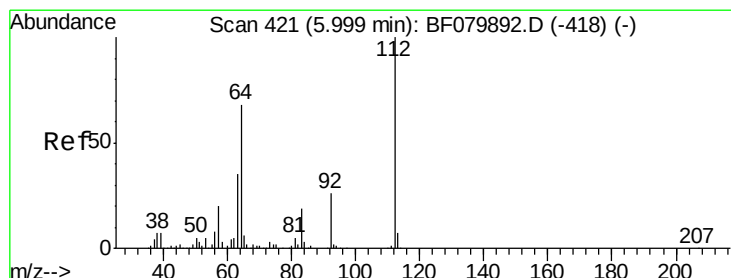
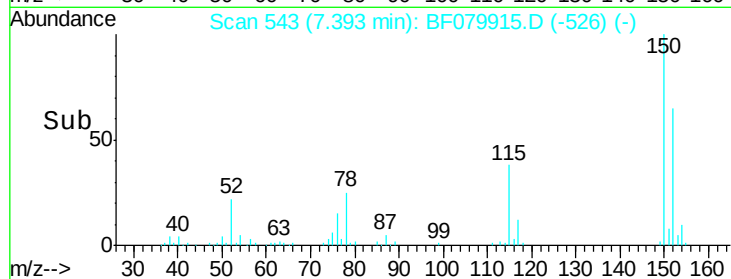
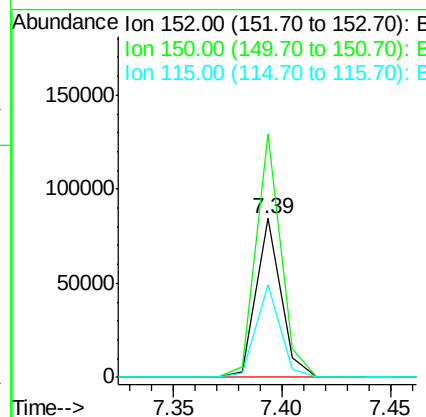
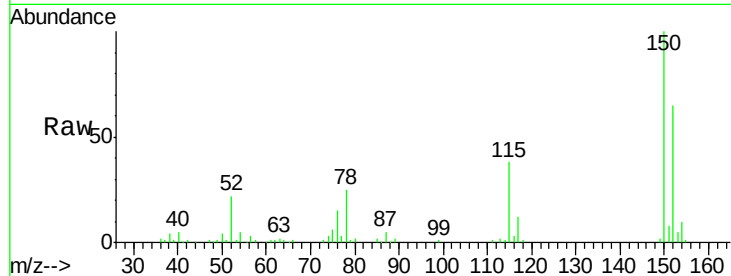
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Instrument :
BNA_F
ClientSampled :
FM6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	131.0	196.4
115	57.9	49.8	74.6

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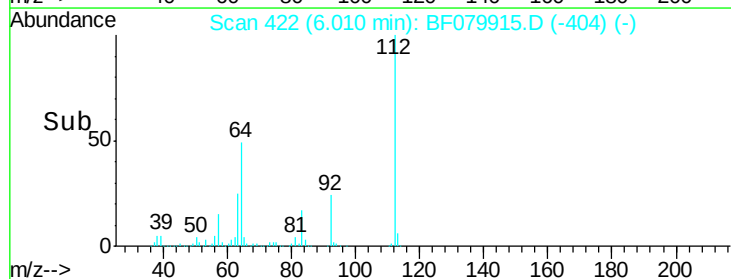
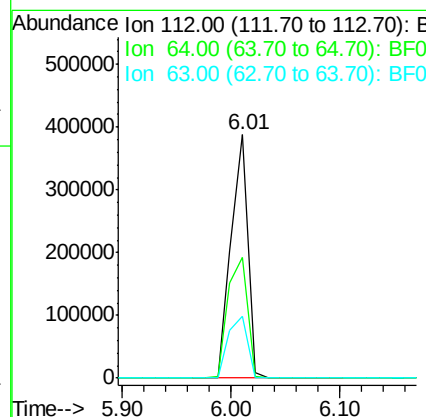
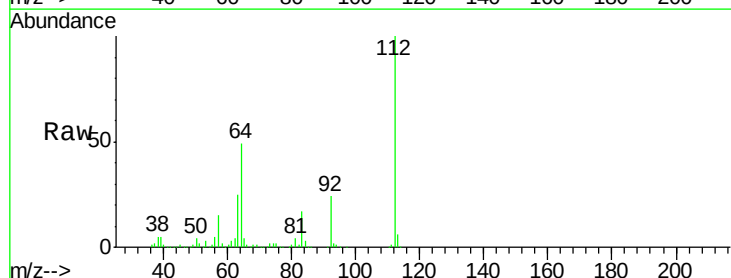
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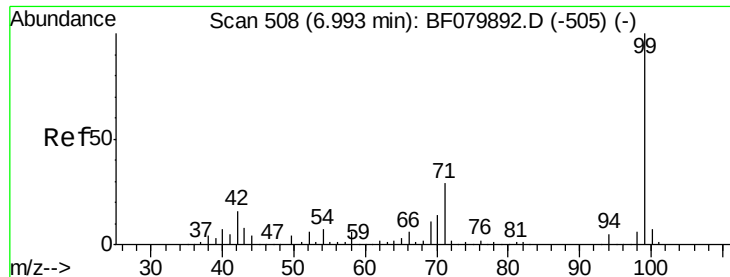


#5

2-Fluorophenol
Concen: 103.41 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	54.5	81.7#
63	25.4	27.9	41.9#





#7

Phenol-d6

Concen: 113.32 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Instrument :

BNA_F

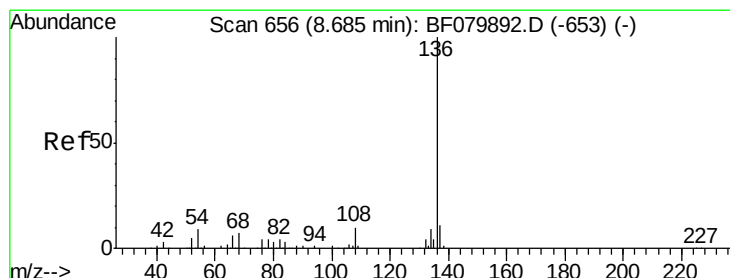
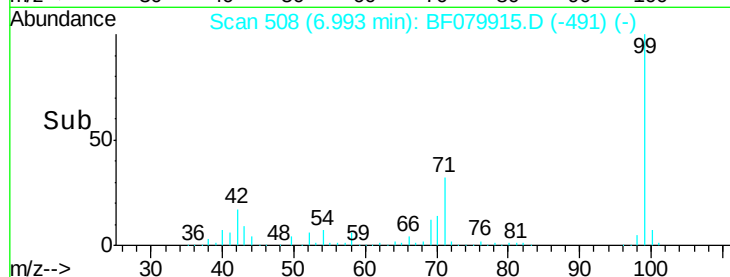
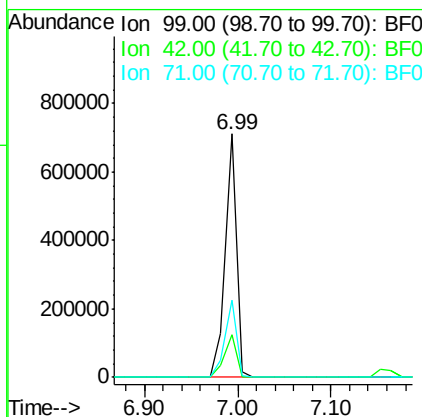
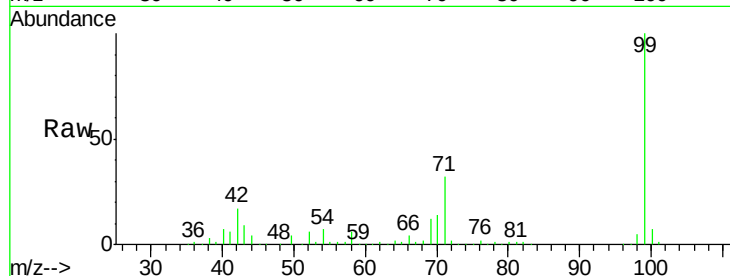
ClientSampleId :

FM6

Tot Ion:	99	Resp:	592731
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.9	19.3
71	31.7	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

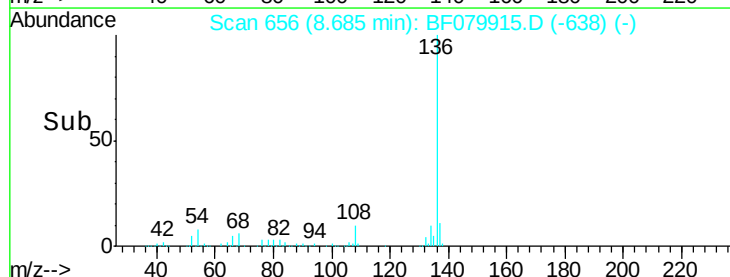
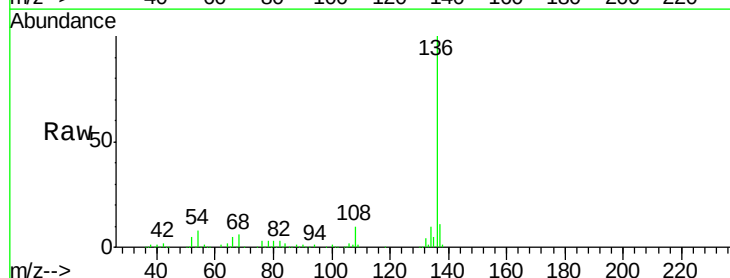
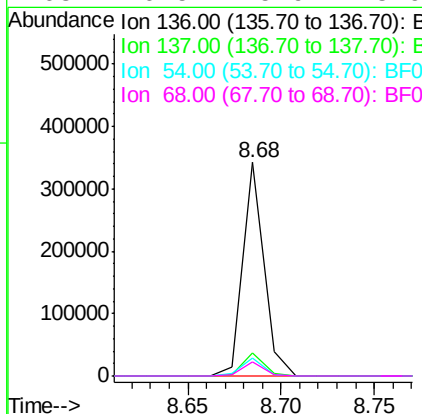
RT: 8.68 min Scan# 656

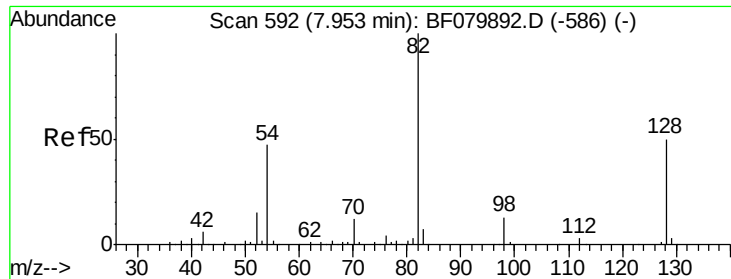
Delta R.T. 0.00 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Tgt Ion:	136	Resp:	272429
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	8.3	7.3	10.9
68	6.5	5.9	8.9





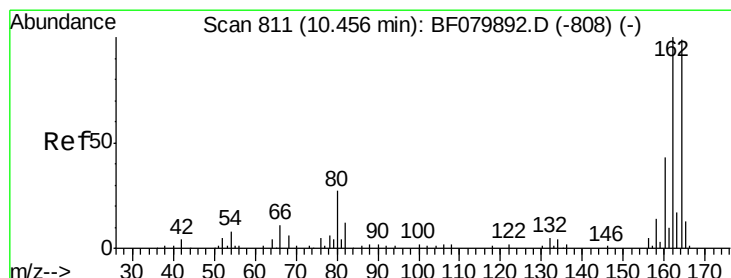
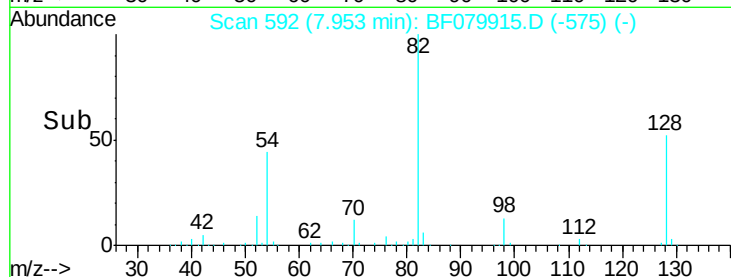
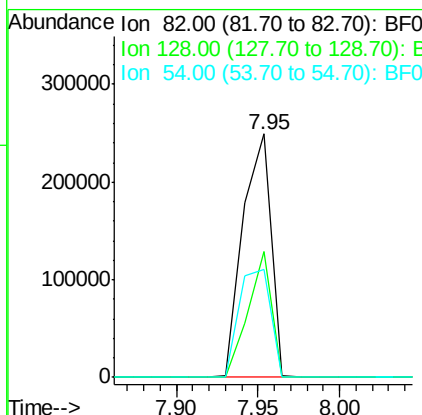
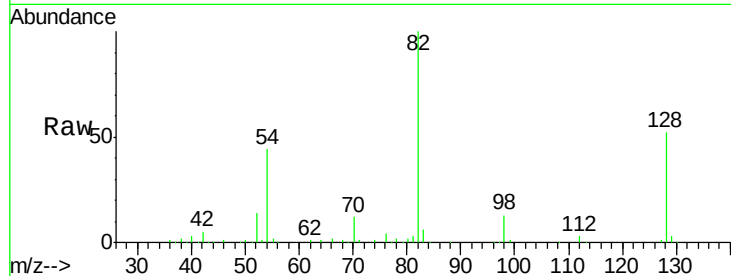
#23
 Nitrobenzene-d5
 Concen: 64.68 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079915.D
 Acq: 12 Jun 2015 2:25

Instrument :
 BNA_F
 ClientSampled :
 FM6

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	51.6	40.3	60.5
54	44.5	38.0	57.0

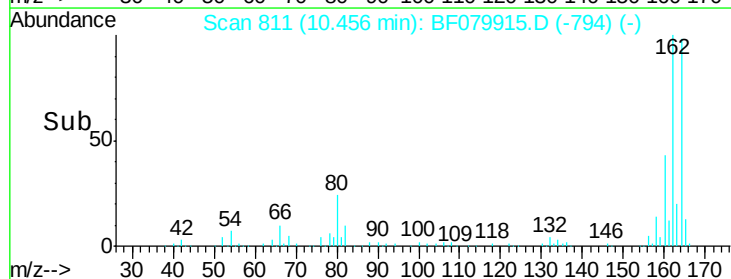
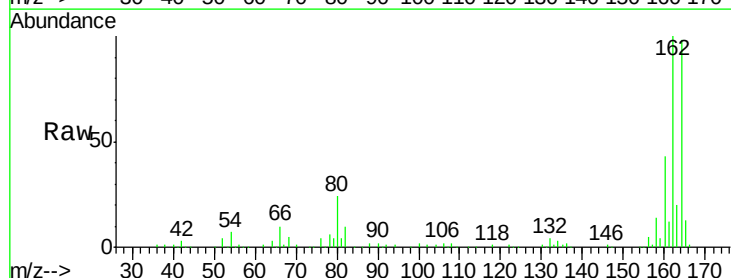
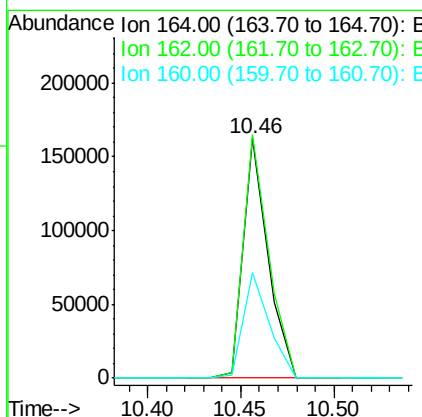
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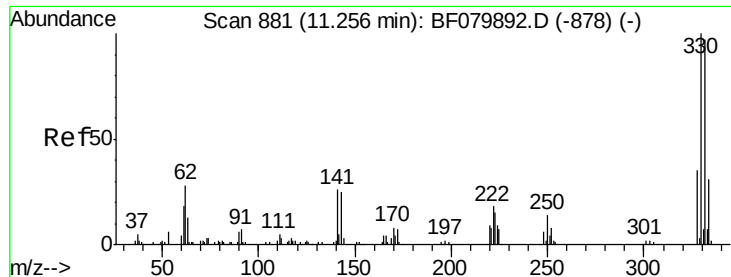
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF079915.D
 Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	101.6	80.7	121.1
160	44.1	34.6	51.8





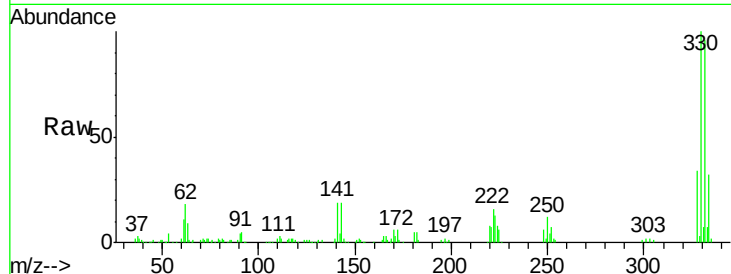
#41
 2,4,6-Tribromophenol
 Concen: 113.55 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079915.D
 Acq: 12 Jun 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 FM6

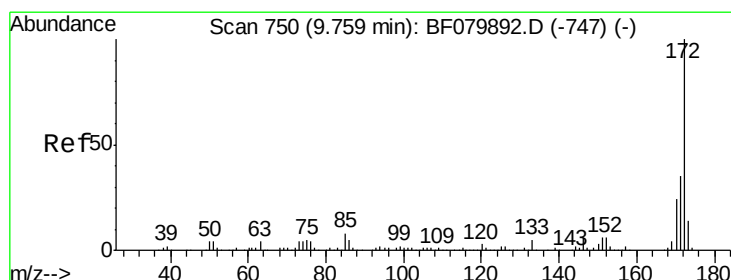
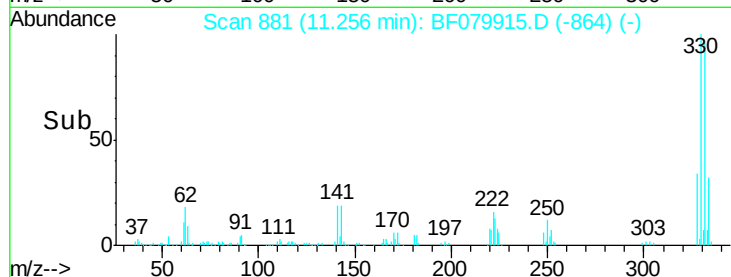
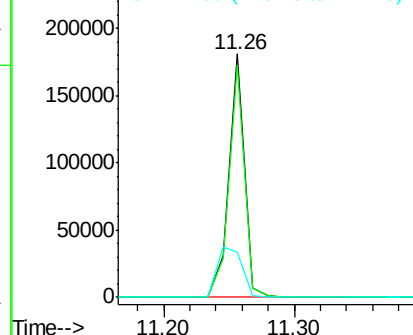
Tot Ion	Ratio	Resp	Lower	Upper
330	100	151597		
332	95.6	77.3	115.9	
141	33.0	26.8	40.2	

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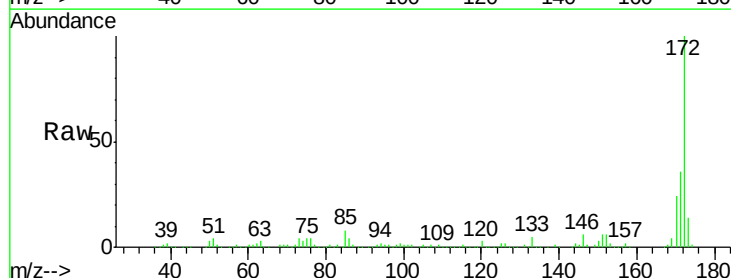


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

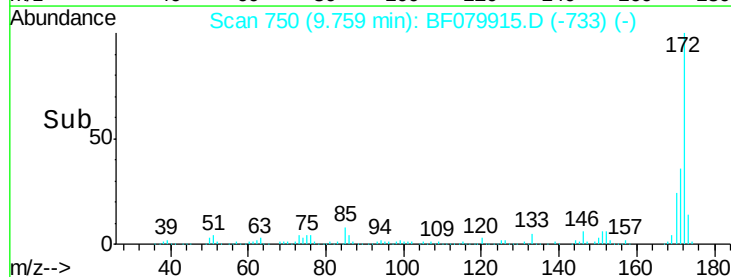
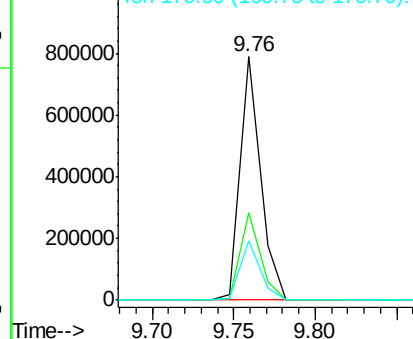


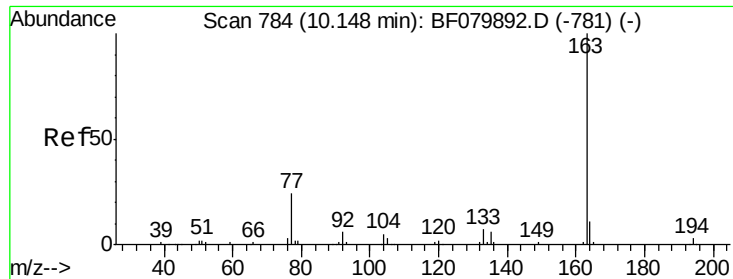
#44
 2-Fluorobiphenyl
 Concen: 63.63 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079915.D
 Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	675340		
171	36.1	28.3	42.5	
170	24.3	19.0	28.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





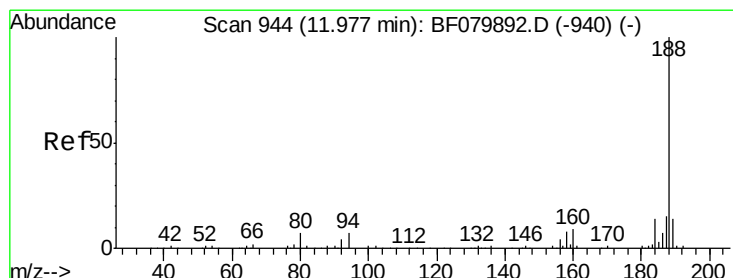
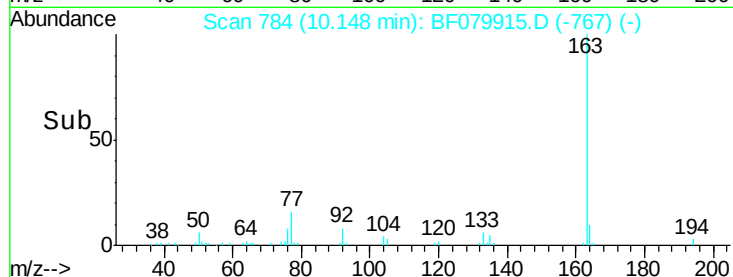
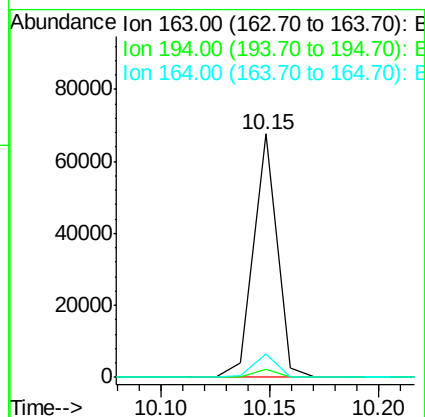
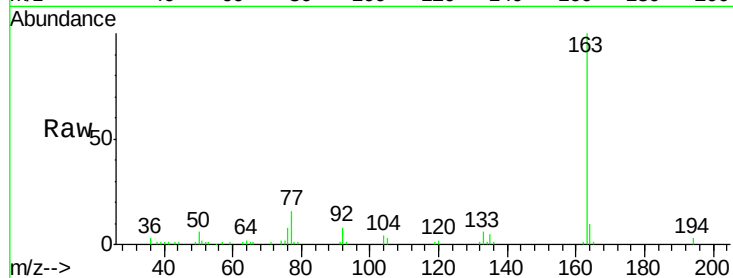
#49
Dimethylphthalate
Concen: 4.33 ng
RT: 10.15 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Instrument :
BNA_F
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FM6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	51064		
194	3.4	2.6	4.0	
164	9.7	8.6	12.8	

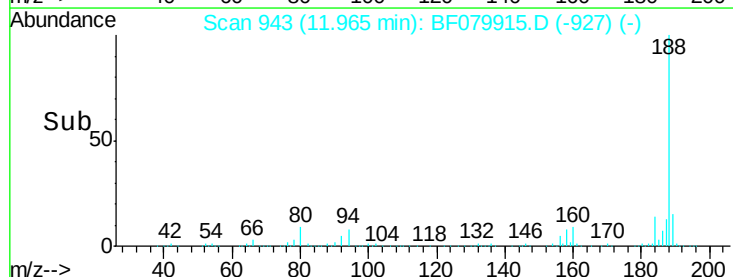
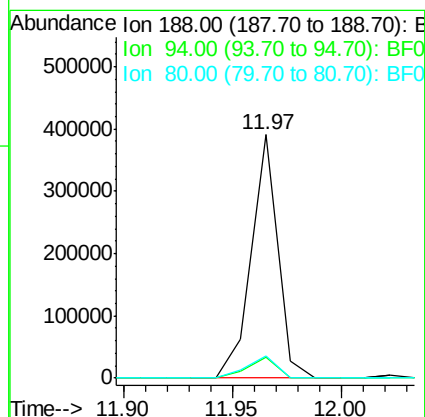
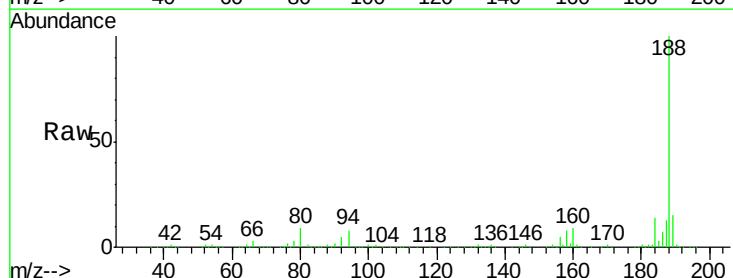
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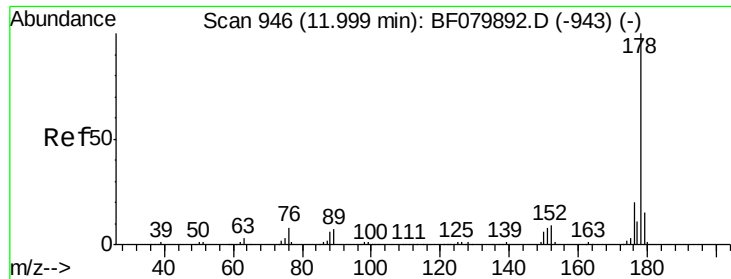
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	330857		
94	8.4	5.8	8.8	
80	9.2	5.9	8.9#	





#70

Phenanthrene

Concen: 20.96 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Instrument :

BNA_F

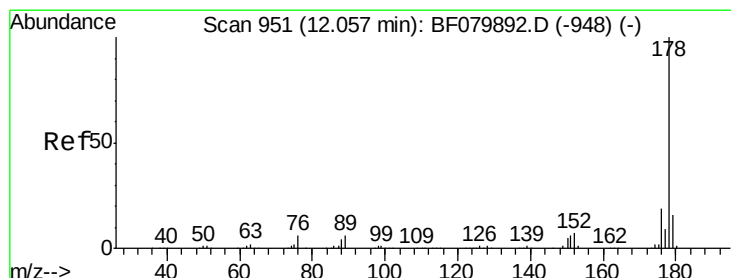
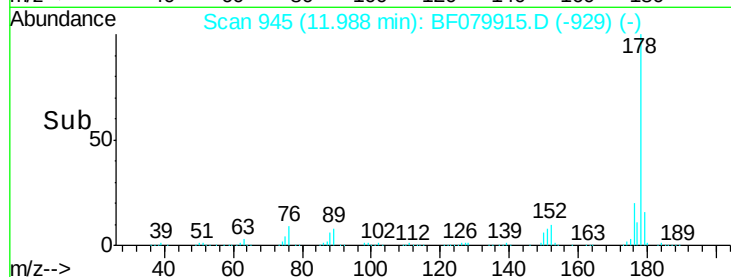
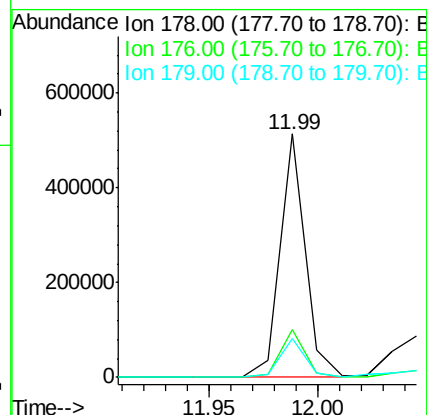
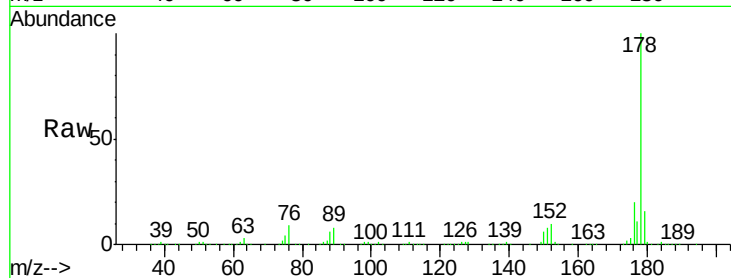
ClientSampleId :

FM6

Tot Ion:	178	Resp:	418676
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	16.1	12.3	18.5

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#71

Anthracene

Concen: 5.39 ng

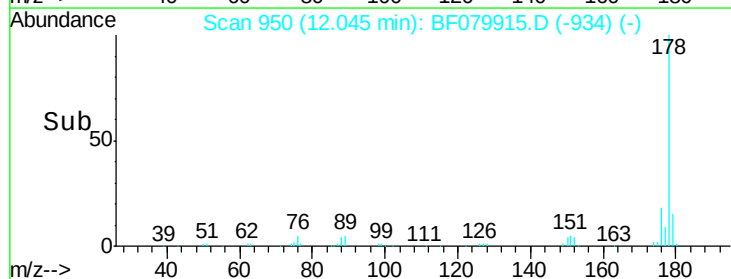
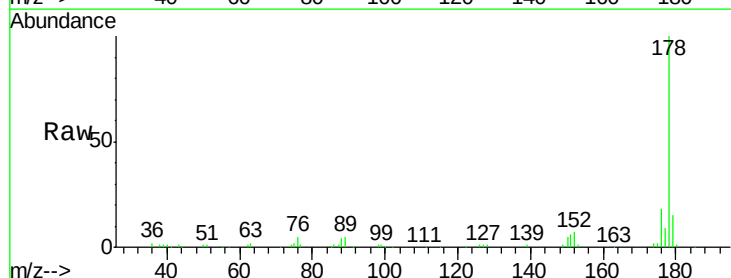
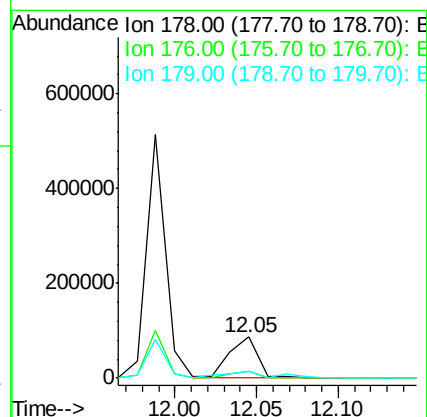
RT: 12.05 min Scan# 950

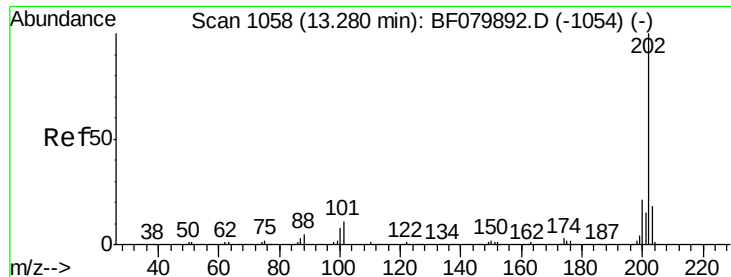
Delta R.T. -0.01 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Tgt Ion:	178	Resp:	104065
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.2	22.8
179	15.2	12.5	18.7





#74

Fluoranthene

Concen: 26.89 ng

RT: 13.22 min Scan# 1053

Delta R.T. -0.06 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Instrument :

BNA_F

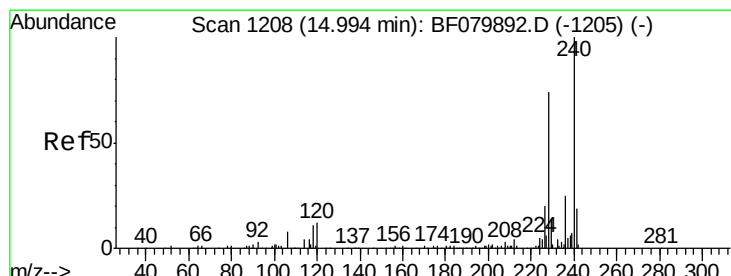
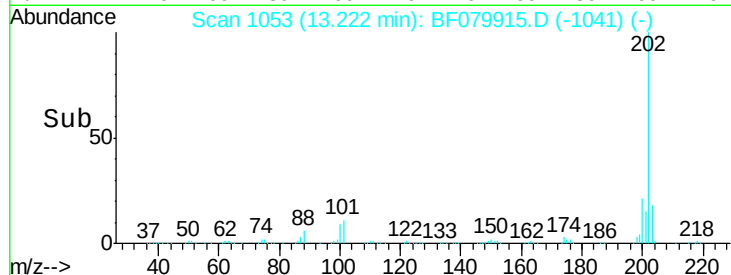
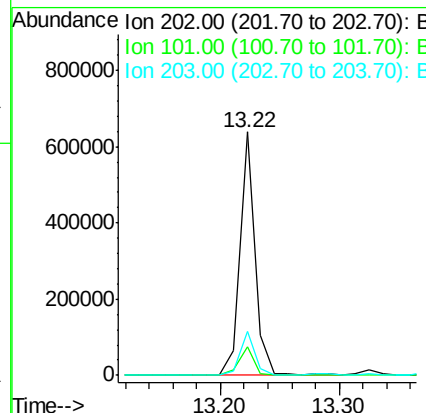
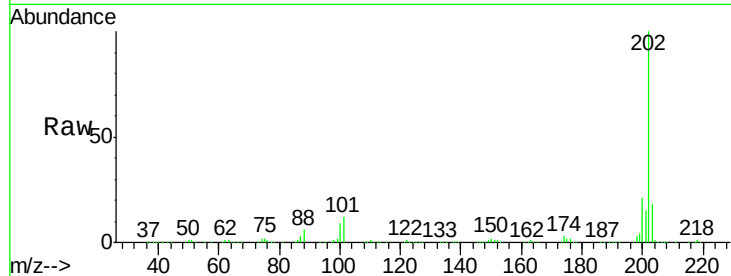
ClientSampleId :

FM6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		564513		
101	11.6	0.0	30.7		
203	18.0	0.0	38.0		

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#75

Chrysene-d12

Concen: 20.00 ng

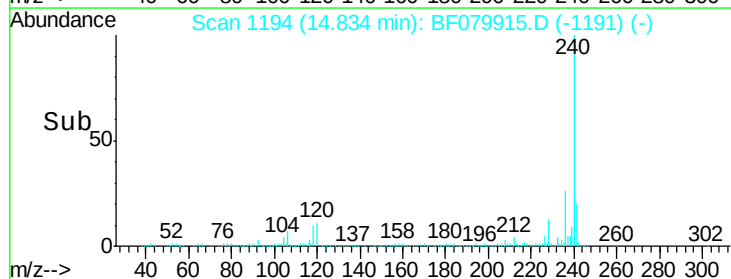
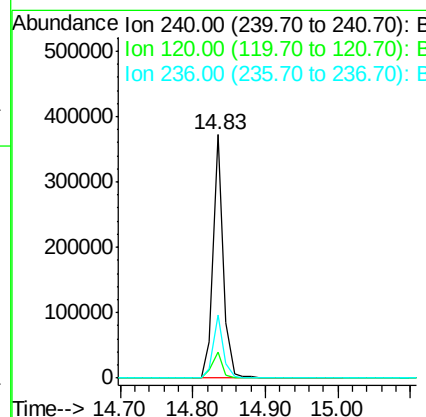
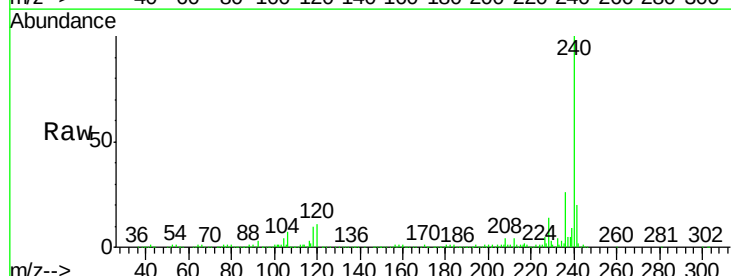
RT: 14.83 min Scan# 1194

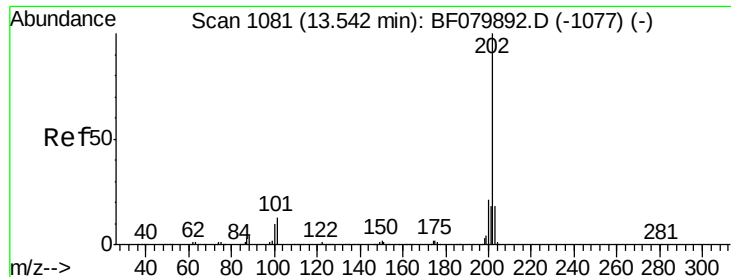
Delta R.T. -0.16 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		362165		
120	10.6	9.4	14.2		
236	25.9	19.6	29.4		





#77

Pvrene

Concen: 22.24 ng

RT: 13.47 min Scan# 1075

Delta R.T. -0.07 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Instrument :

BNA_F

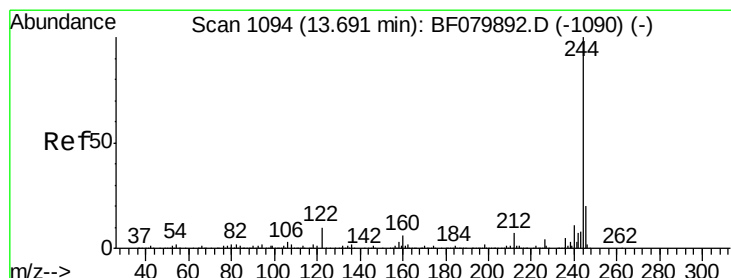
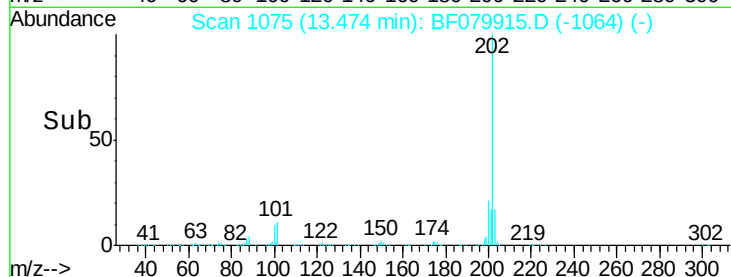
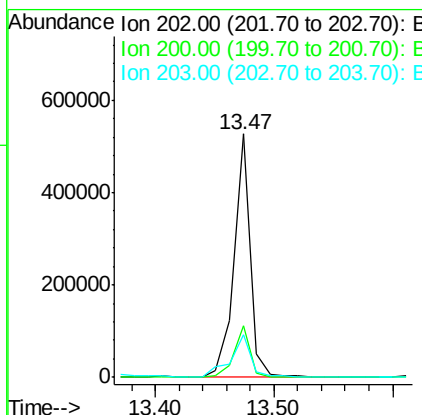
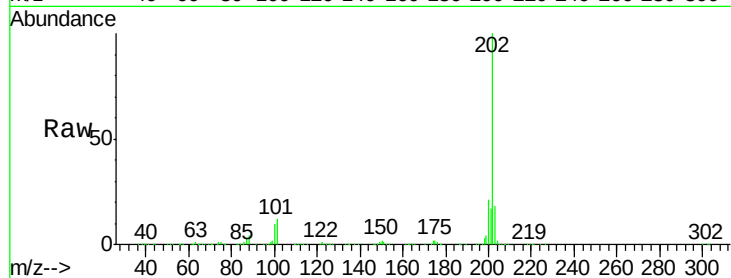
ClientSampleId :

FM6

Tot Ion:	202	Resp:	498656
Ion Ratio		Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	14.4	21.6

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#78

Terphenyl-d14

Concen: 54.37 ng

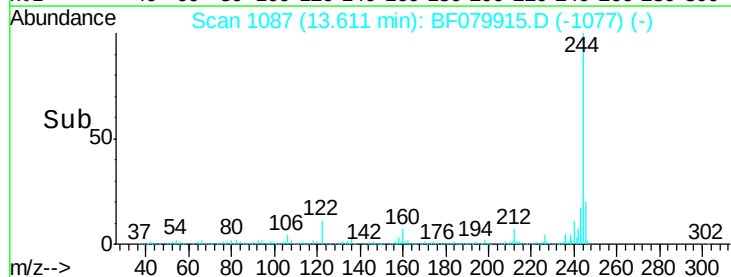
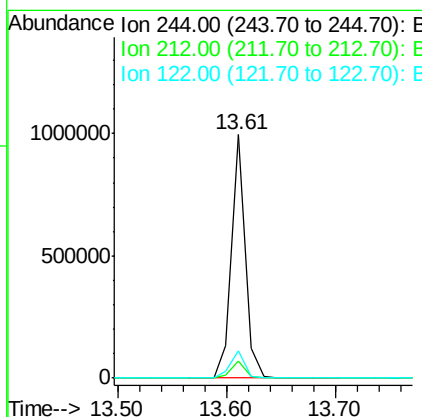
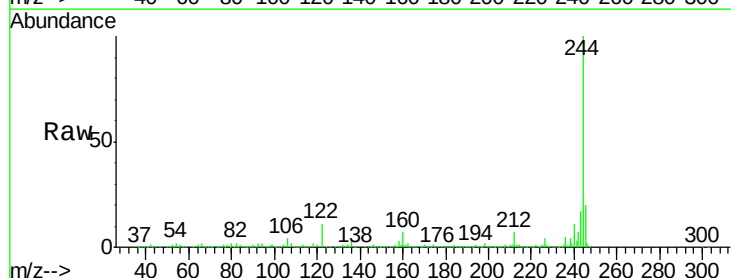
RT: 13.61 min Scan# 1087

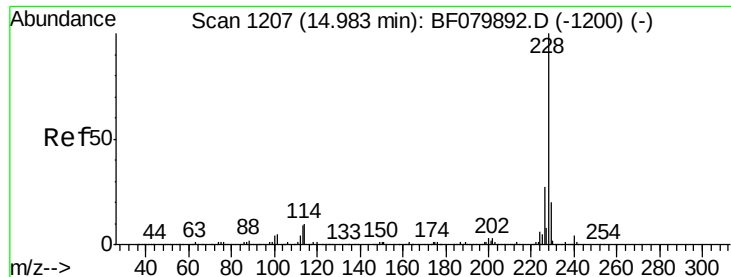
Delta R.T. -0.08 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Tgt Ion:	244	Resp:	866567
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.1	7.8	11.8





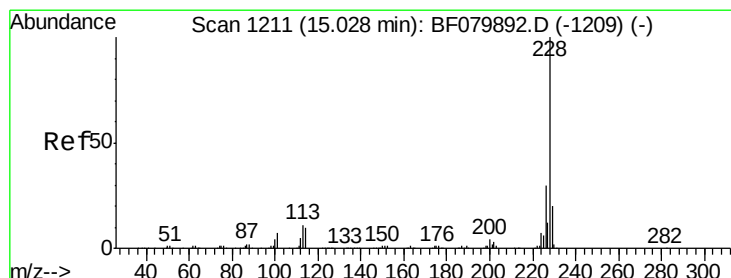
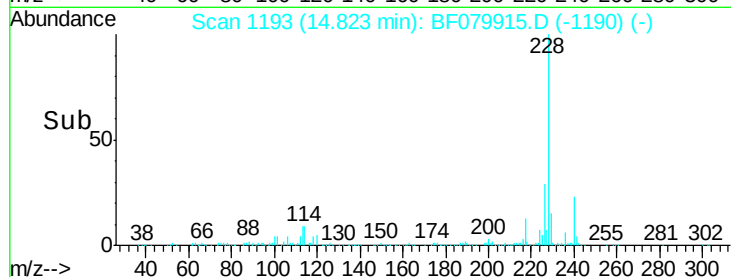
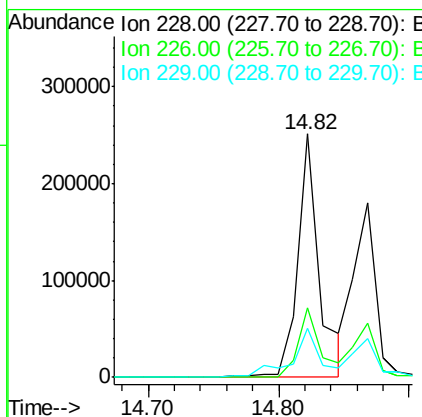
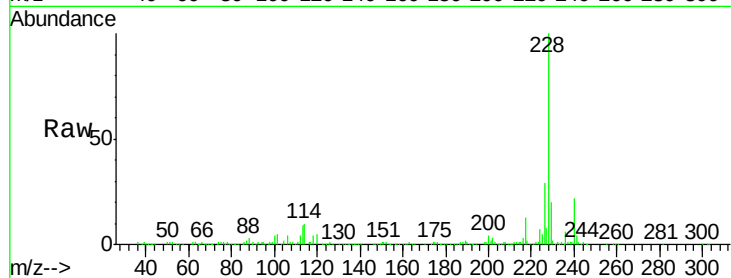
#80
Benzo(a)anthracene
Concen: 13.47 ng
RT: 14.82 min Scan# 1193
Delta R.T. -0.16 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Instrument :
BNA_F
ClientSampleId :
FM6

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	21.8	32.8
229	20.4	15.9	23.9

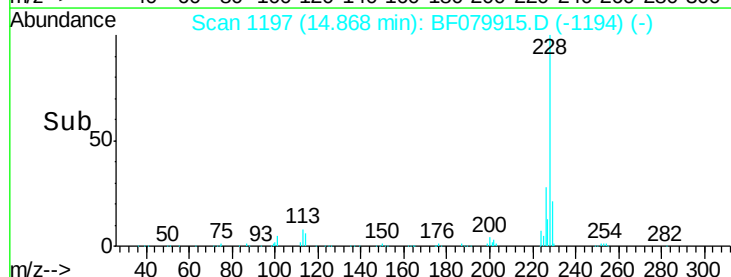
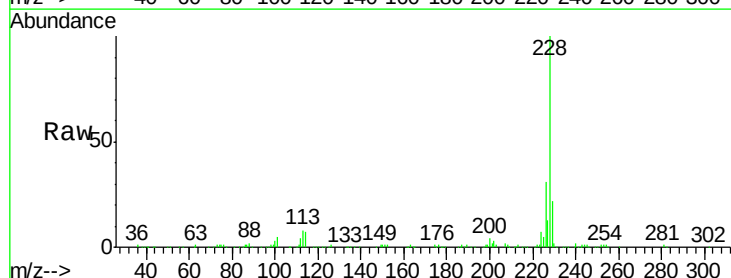
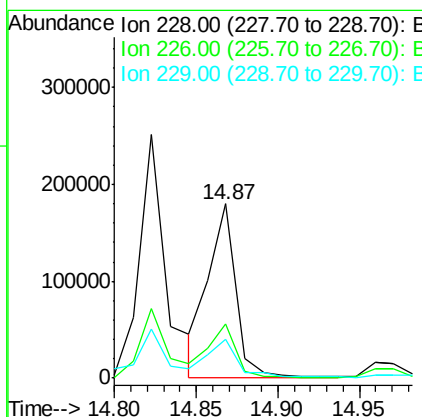
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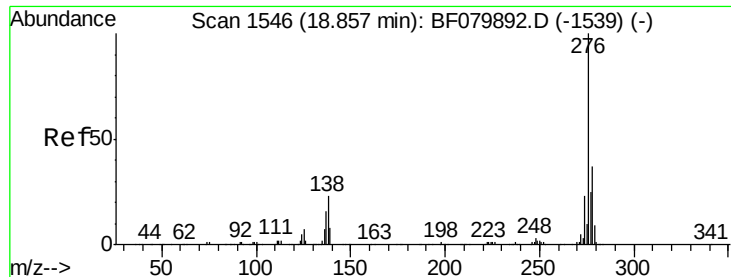
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#82
Chrysene
Concen: 10.57 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.16 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	23.9	35.9
229	22.2	16.1	24.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.40 ng

RT: 18.57 min Scan# 1521

Delta R.T. -0.29 min

Lab File: BF079915.D

Acq: 12 Jun 2015 2:25

Instrument :

BNA_F

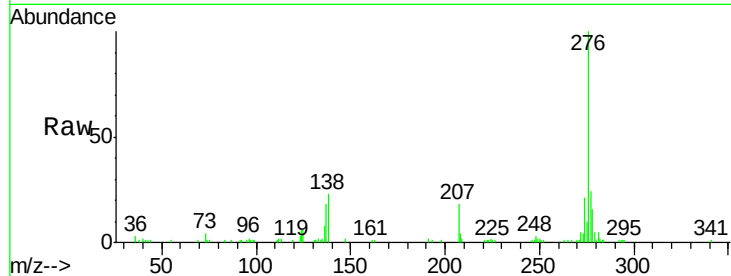
ClientSampleId :

FM6

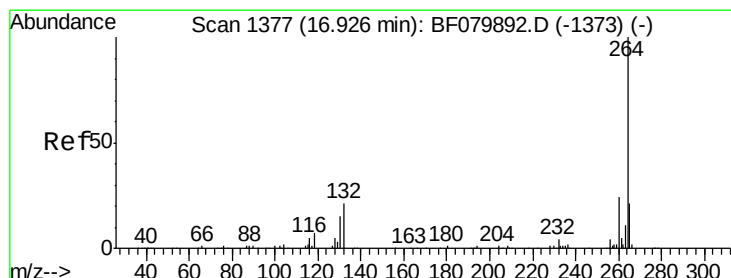
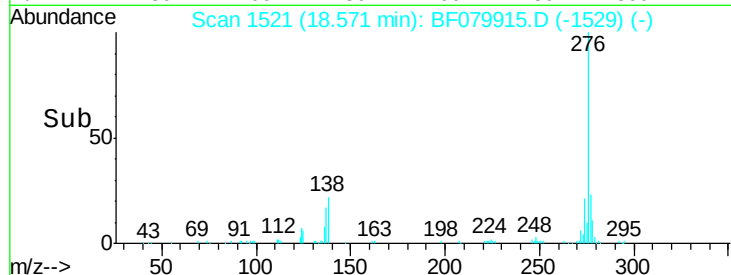
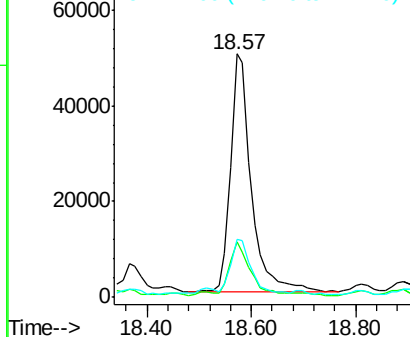
Tot Ion	Ratio	Resp	Lower	Upper
276	100	137851		
138	24.8	21.0	31.4	
277	22.2	19.9	29.9	

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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

Perylene-d12

Concen: 20.00 ng

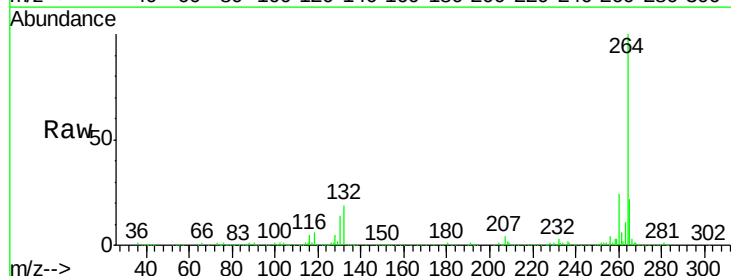
RT: 16.69 min Scan# 1356

Delta R.T. -0.24 min

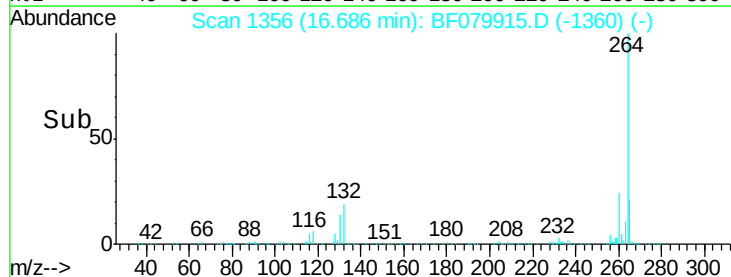
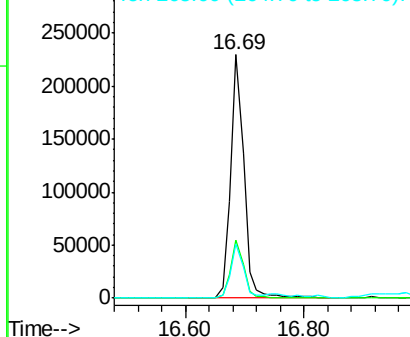
Lab File: BF079915.D

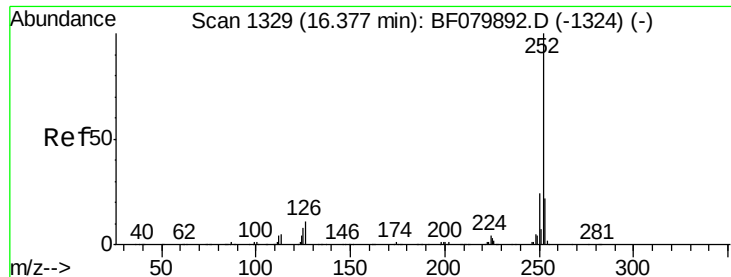
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	356821		
260	24.0	19.3	28.9	
265	22.4	17.0	25.6	



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





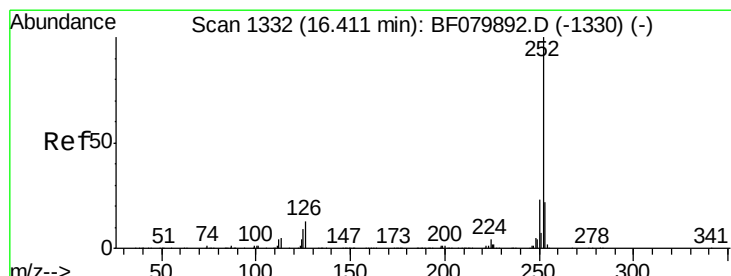
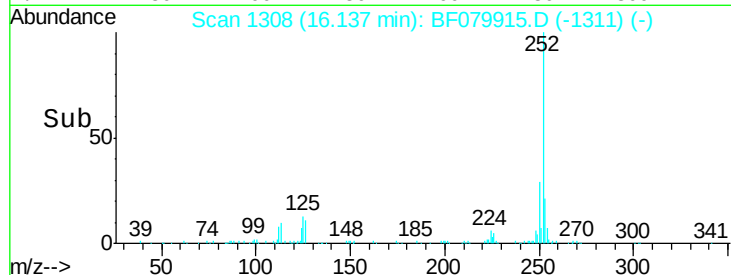
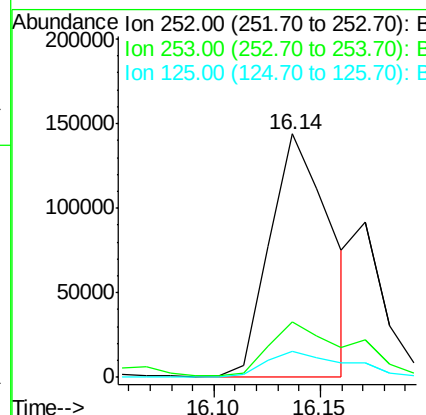
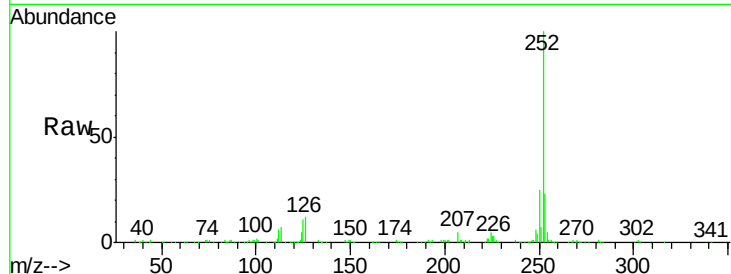
#87
Benzo(b)fluoranthene
Concen: 13.45 ng m
RT: 16.14 min Scan# 1308
Delta R.T. -0.24 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Instrument :
BNA_F
ClientSampleId :
FM6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.7	6.5	9.7

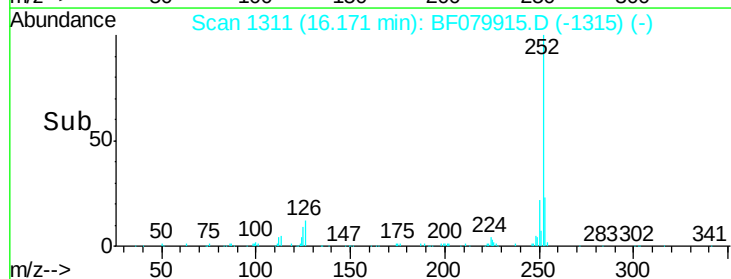
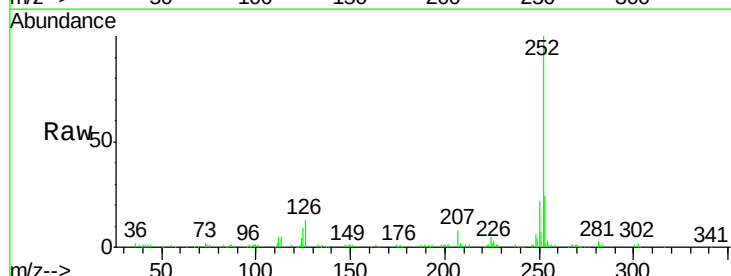
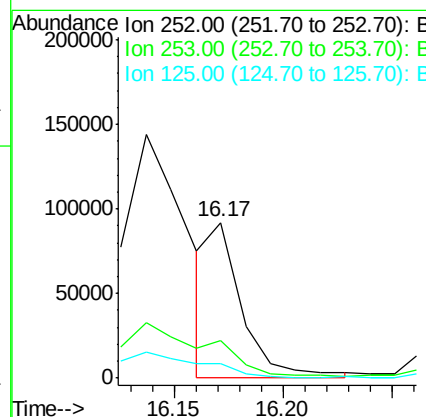
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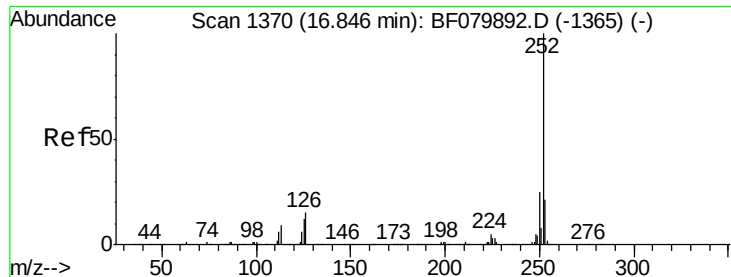
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#88
Benzo(k)fluoranthene
Concen: 4.42 ng m
RT: 16.17 min Scan# 1311
Delta R.T. -0.24 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	9.3	7.4	11.0





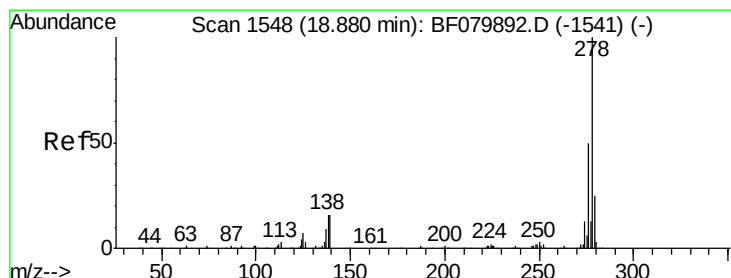
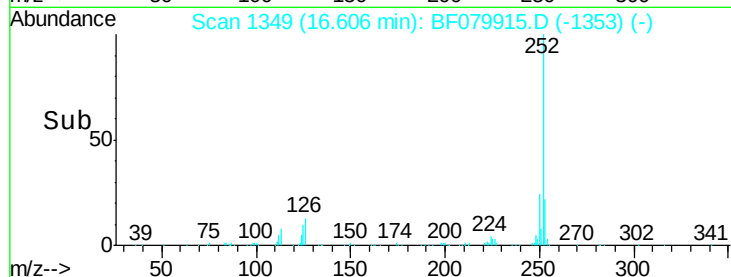
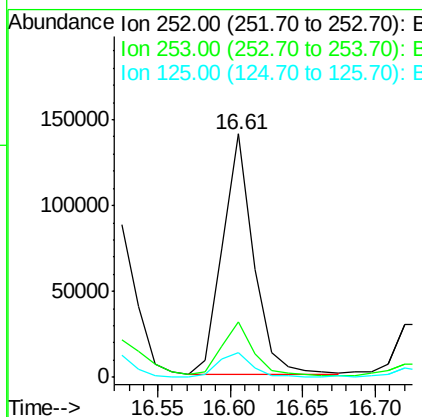
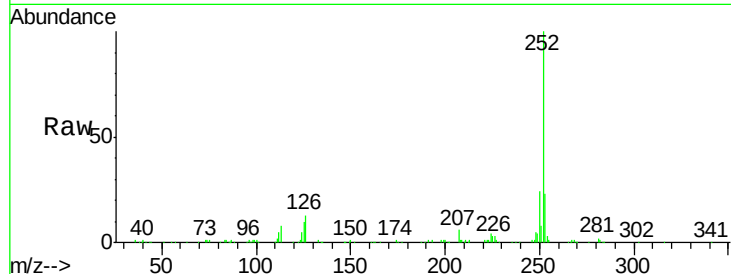
#89
Benzo(a)pyrene
Concen: 10.36 ng
RT: 16.61 min Scan# 1349
Delta R.T. -0.24 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Instrument :
BNA_F
ClientSampleId :
FM6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.1	9.7	14.5

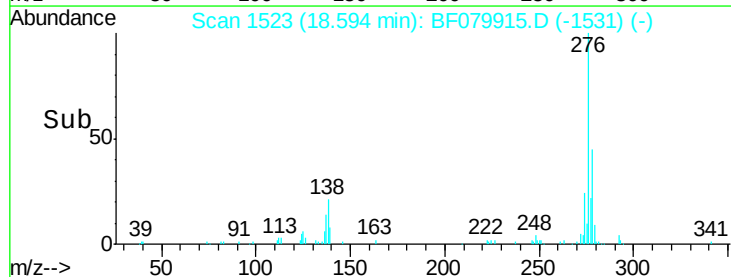
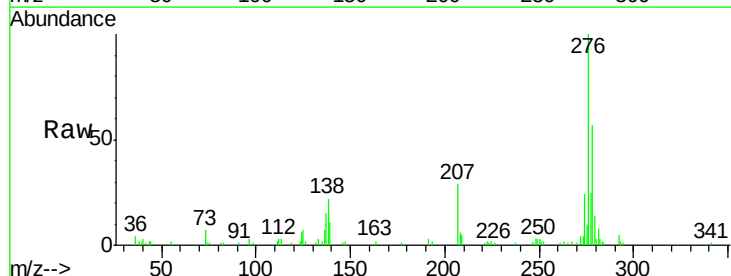
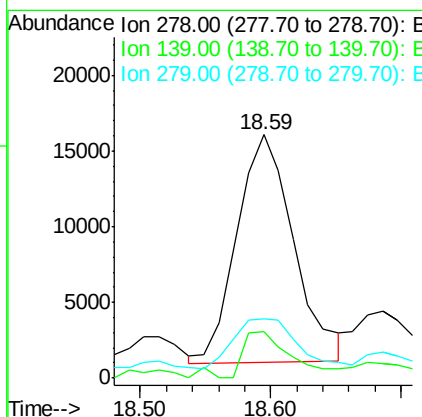
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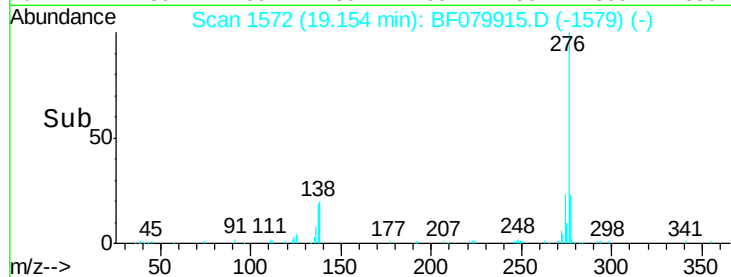
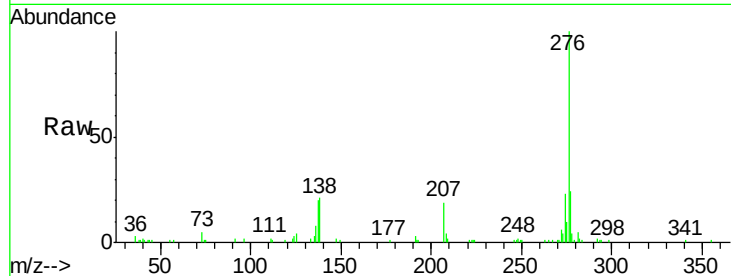
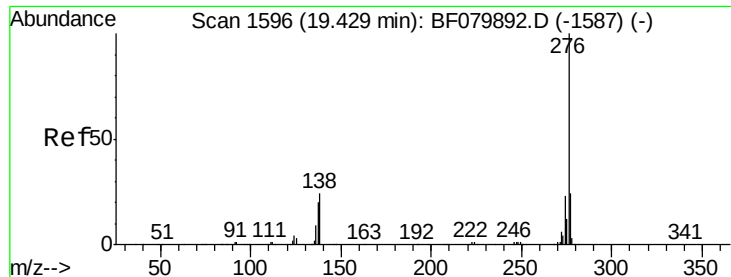
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#90
Dibenzo(a,h)anthracene
Concen: 2.47 ng
RT: 18.59 min Scan# 1523
Delta R.T. -0.29 min
Lab File: BF079915.D
Acq: 12 Jun 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.2	12.8	19.2
279	24.4	19.7	29.5





#91
 Benzo(a,h,i)perylene
 Concen: 6.63 ng
 RT: 19.15 min Scan# 1572
 Delta R.T. -0.27 min
 Lab File: BF079915.D
 Acq: 12 Jun 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 FM6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	20.7	19.1	28.7

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