

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079301.D
 Acq On : 16 May 2015 8:40
 Operator : TP/IZ
 Sample : G2215-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

Manual Integrations
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Quant Time: May 18 01:33:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 00:56:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	64913	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	267994	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	124777	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	227390	20.00	ng	0.00
75) Chrysene-d12	16.06	240	236350	20.00	ng	0.00
86) Perylene-d12	17.83	264	250454	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	357175m	94.72	ng	0.01
7) Phenol-d6	6.75	99	474800	95.25	ng	0.01
23) Nitrobenzene-d5	7.87	82	273592	58.67	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	122401	90.68	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	523036	58.40	ng	0.00
78) Terphenyl-d14	14.77	244	551762	55.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.60	163	32940	3.60	ng	99
70) Phenanthrene	12.80	178	45921	3.61	ng	99
74) Fluoranthene	14.27	202	71660	5.41	ng	96
77) Pyrene	14.55	202	66334	4.87	ng	97
80) Benzo(a)anthracene	16.05	228	35357	2.73	ng	95
82) Chrysene	16.09	228	28549	2.29	ng	95
87) Benzo(b)fluoranthene	17.37	252	45106m	3.29	ng	
89) Benzo(a)pyrene	17.76	252	31365	2.48	ng	# 97
91) Benzo(g,h,i)perylene	19.65	276	27891	2.07	ng	# 82

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

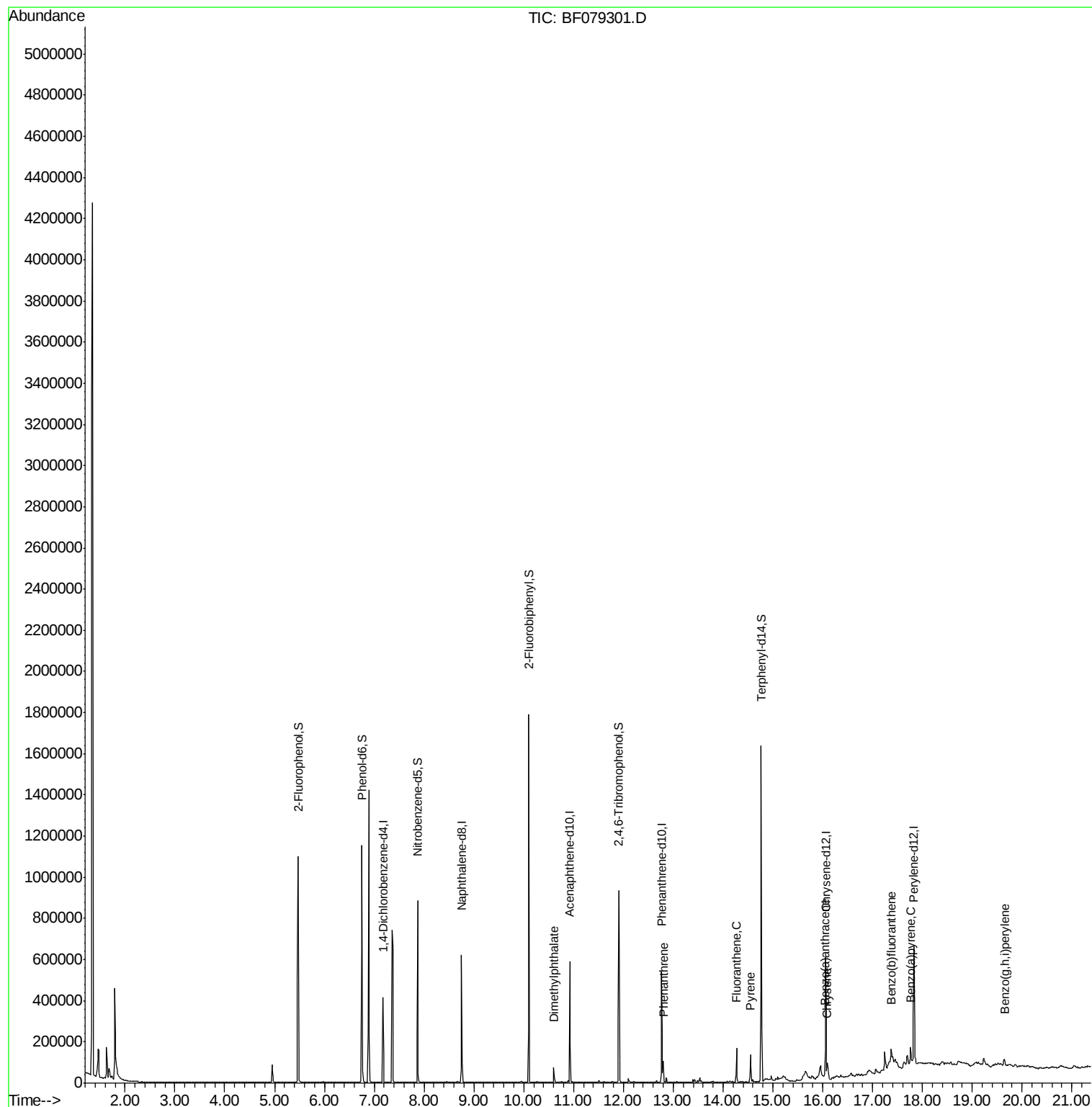
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079301.D
Acq On : 16 May 2015 8:40
Operator : TP/IZ
Sample : G2215-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

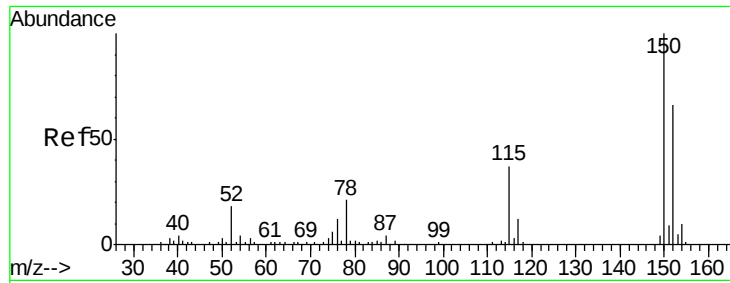
Instrument :
BNA_F
ClientSampleId :
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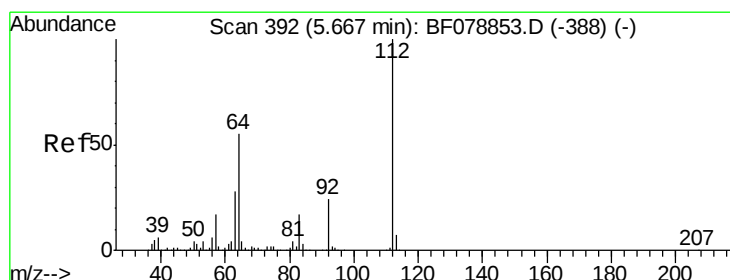
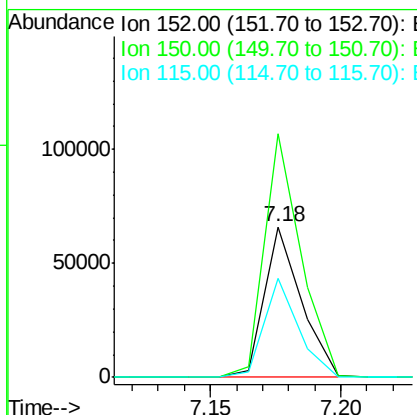
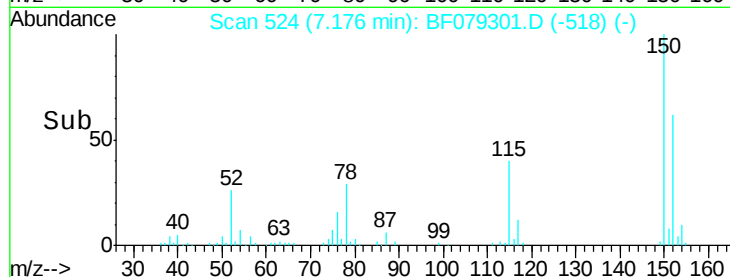
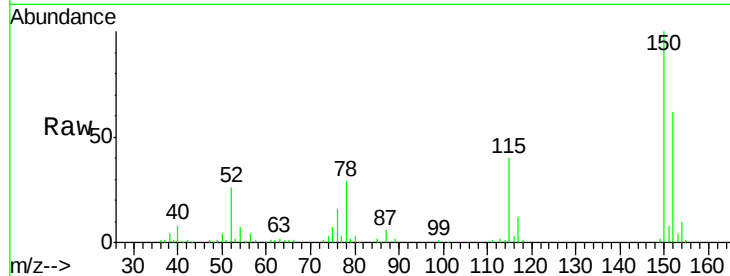
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

Tot Ion:	152	Resp:	64913
Ion Ratio	Lower	Upper	
152	100		
150	162.1	123.8	185.8
115	65.5	49.4	74.0

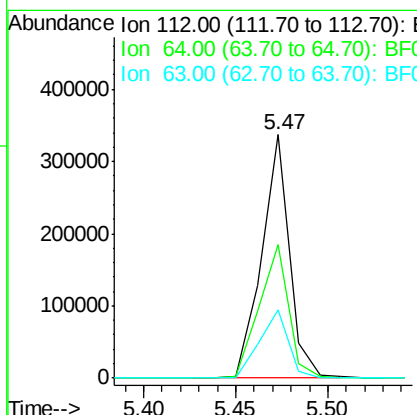
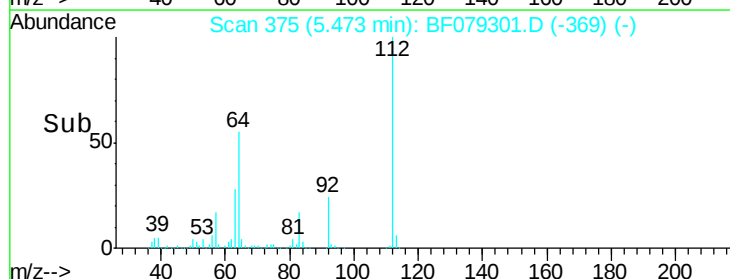
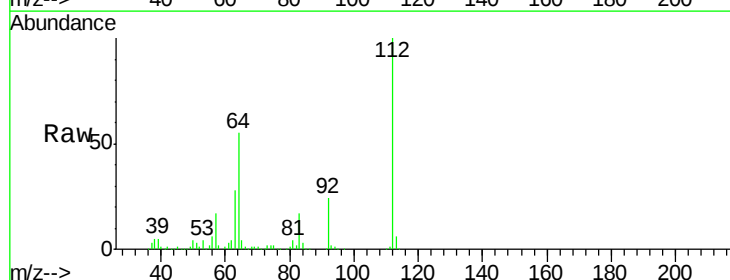
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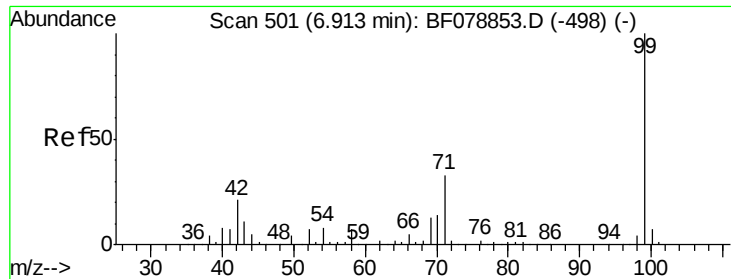
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#5
 2-Fluorophenol
 Concen: 94.72 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Tgt Ion:	112	Resp:	357175
Ion Ratio	Lower	Upper	
112	100		
64	54.6	44.2	66.2
63	28.0	22.7	34.1





#7

Phenol-d6

Concen: 95.25 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079301.D

Acq: 16 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

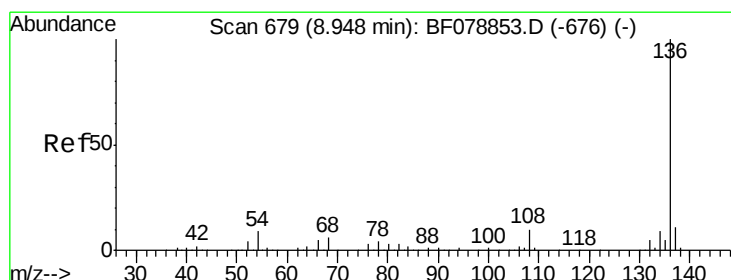
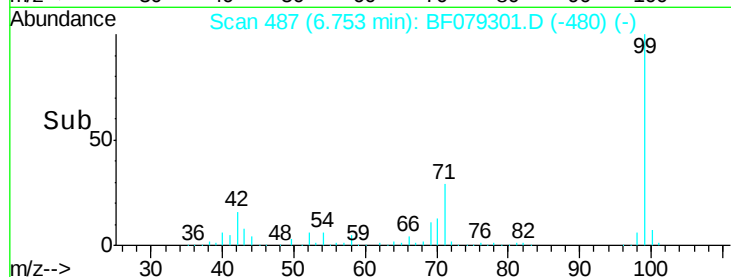
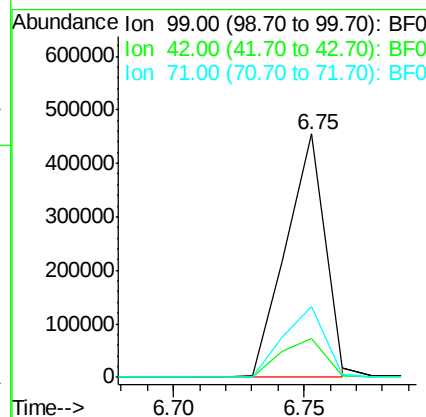
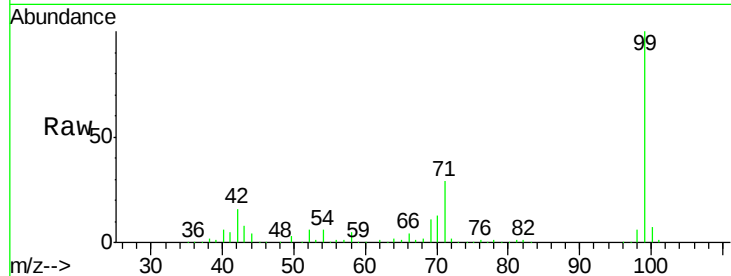
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Tot Ion: 99 Resp: 474800

Ion	Ratio	Lower	Upper
99	100		
42	15.8	17.1	25.7#
71	29.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

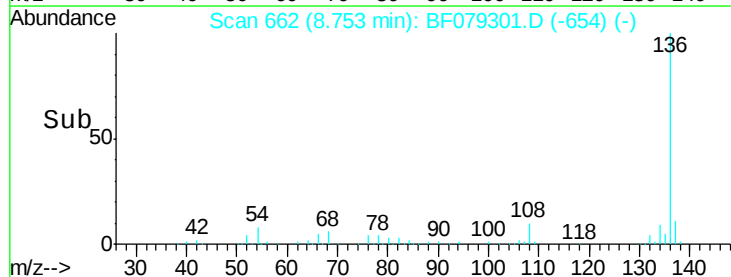
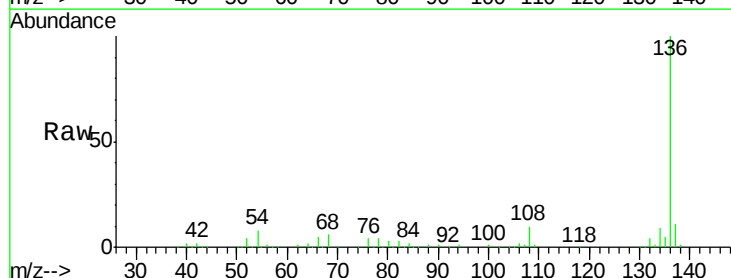
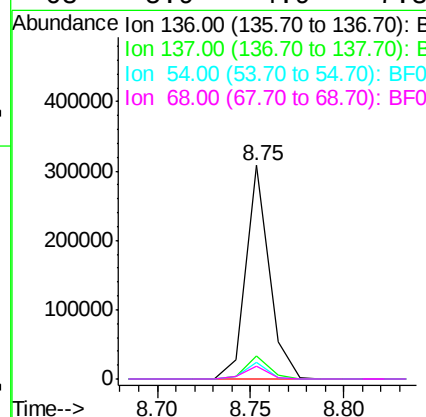
Delta R.T. 0.00 min

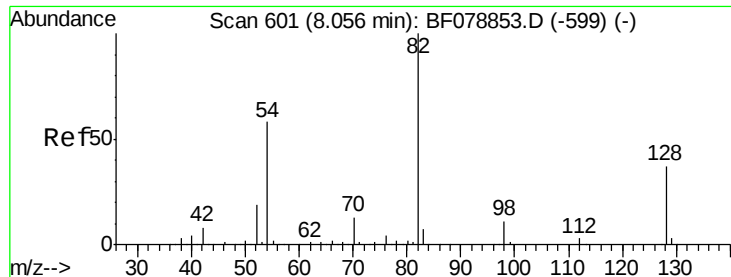
Lab File: BF079301.D

Acq: 16 May 2015 8:40

Tgt Ion: 136 Resp: 267994

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.9	10.3
68	5.9	4.9	7.3





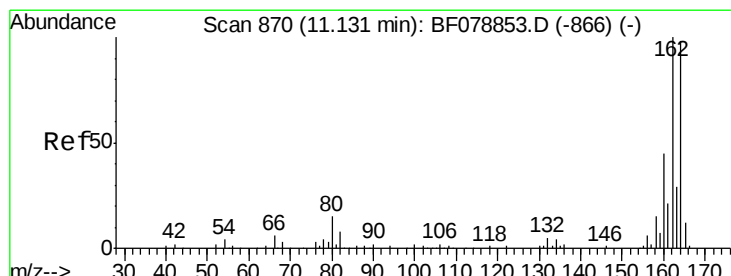
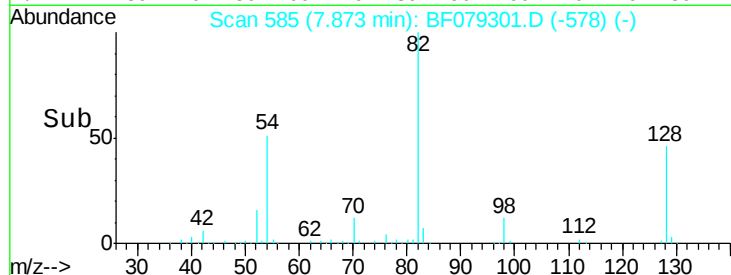
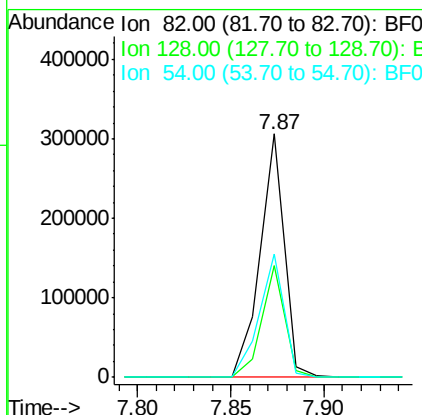
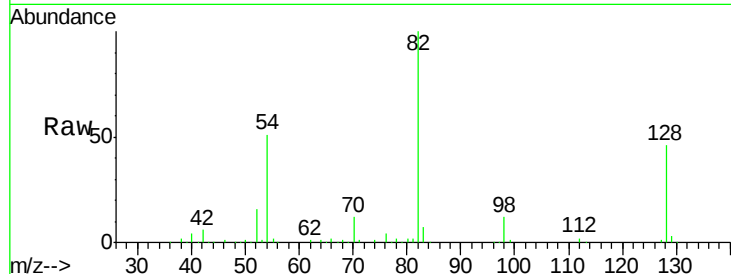
#23
Nitrobenzene-d5
Concen: 58.67 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Instrument :
BNA_F
ClientSampled :
SB-36S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	273592		
128	45.9	29.7	44.5#	
54	50.9	46.2	69.4	

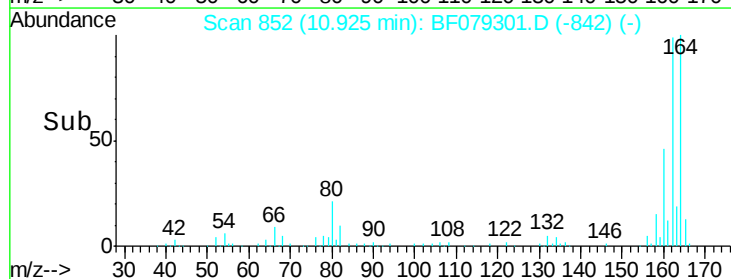
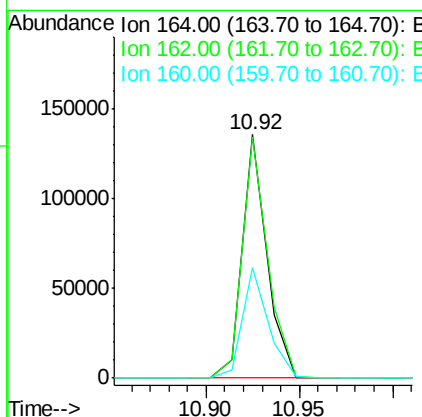
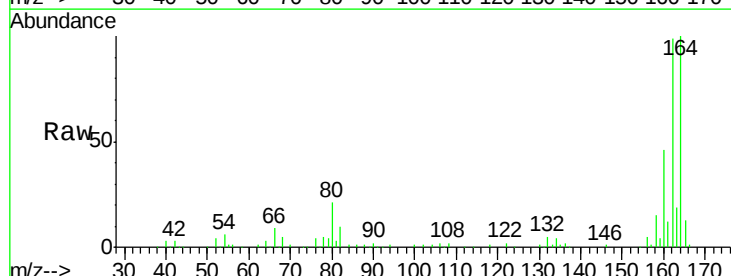
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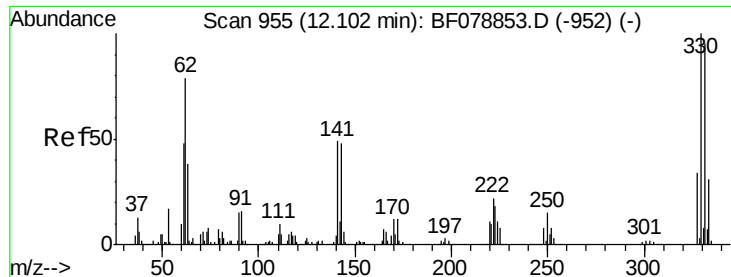
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124777		
162	98.9	81.4	122.0	
160	45.6	36.6	54.8	





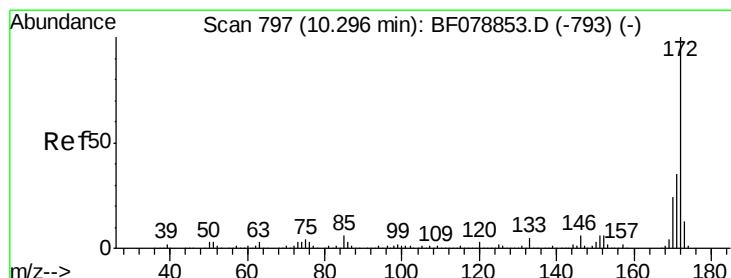
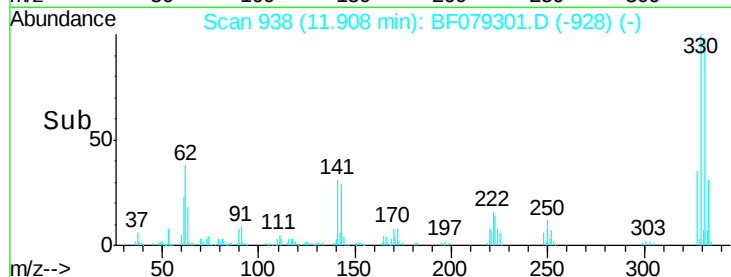
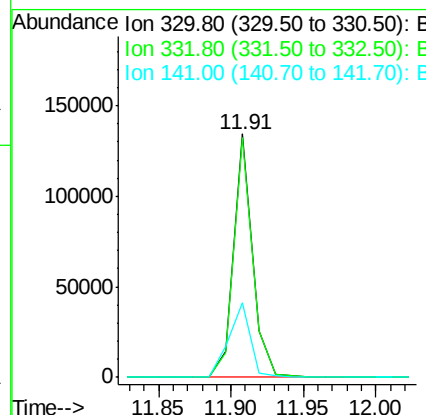
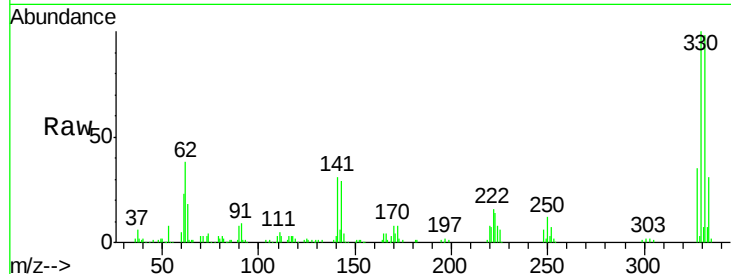
#41
 2,4,6-Tribromophenol
 Concen: 90.68 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122401		
332	97.9	76.9	115.3	
141	35.0	27.8	41.8	

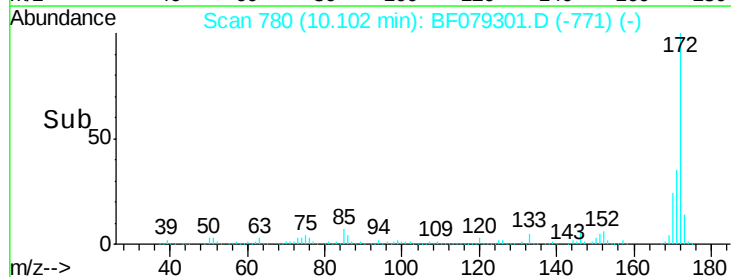
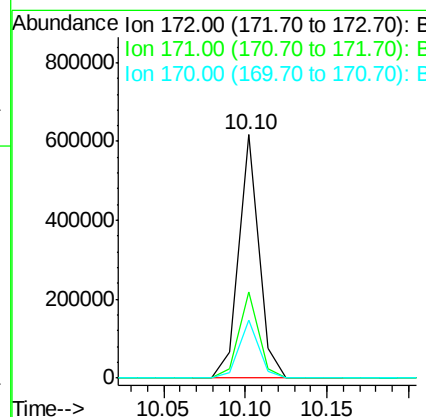
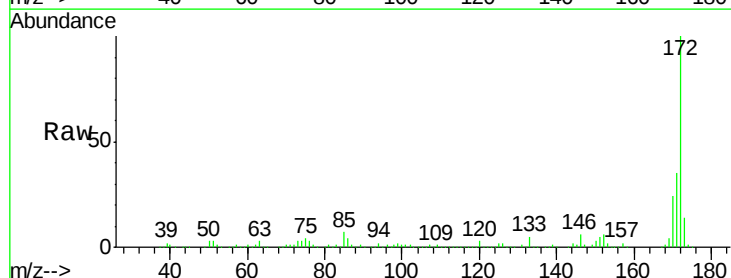
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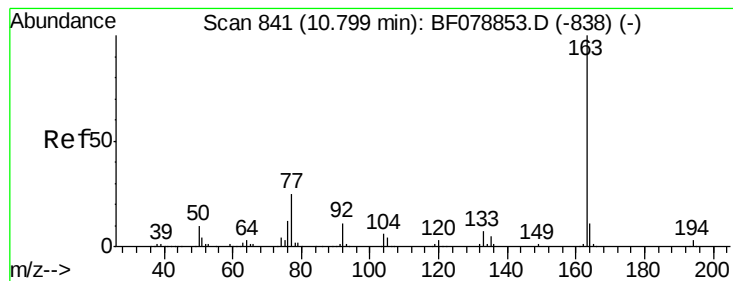
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#44
 2-Fluorobiphenyl
 Concen: 58.40 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	523036		
171	35.2	28.3	42.5	
170	23.9	19.4	29.2	





#49

Dimethylphthalate

Concen: 3.60 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF079301.D

Acq: 16 May 2015 8:40

Instrument :

BNA_F

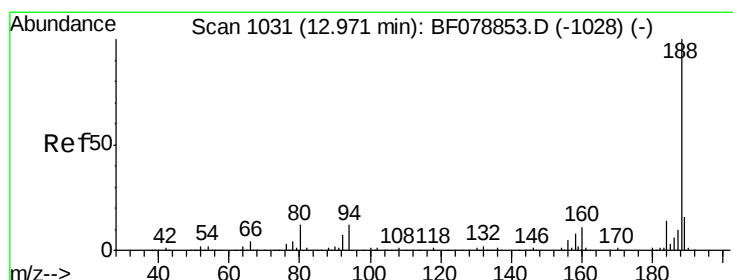
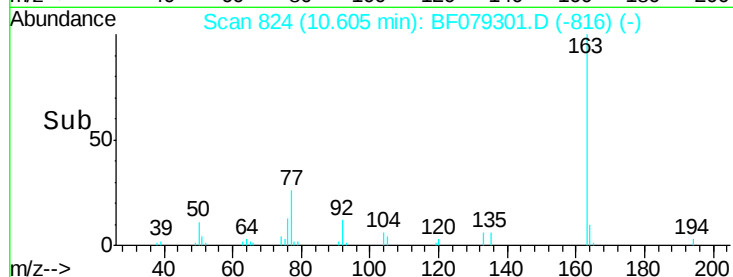
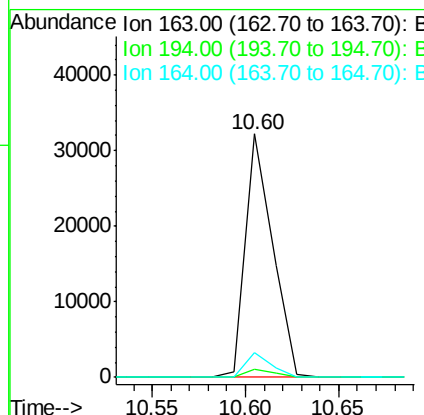
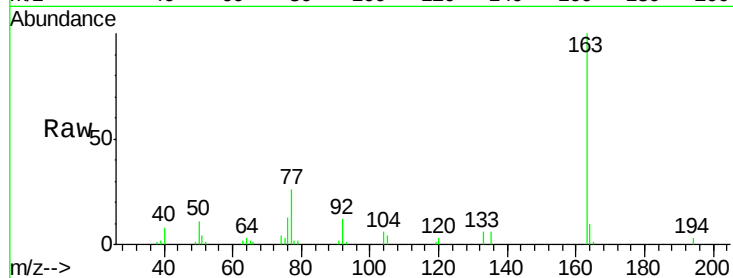
ClientSampleId :

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Tot Ion:	163	Resp:	32940
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.4	3.6
164	10.1	8.6	12.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

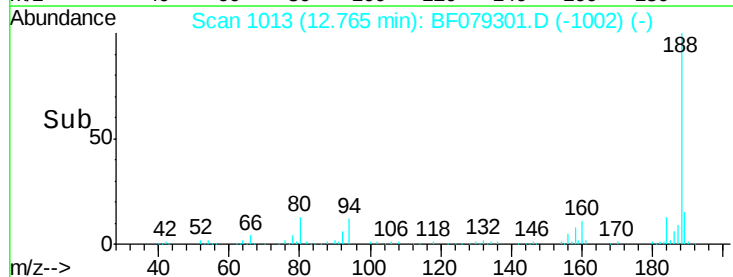
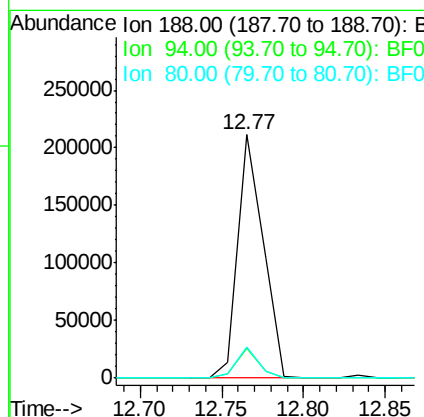
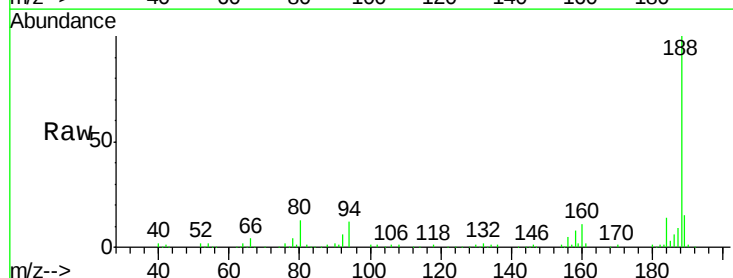
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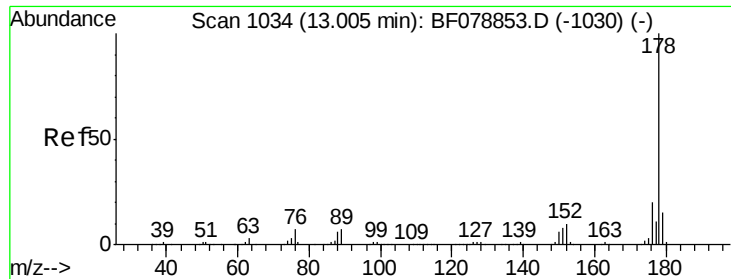
Delta R.T. 0.00 min

Lab File: BF079301.D

Acq: 16 May 2015 8:40

Tgt Ion:	188	Resp:	227390
Ion Ratio	Lower	Upper	
188	100		
94	12.2	9.4	14.0
80	12.6	9.8	14.6





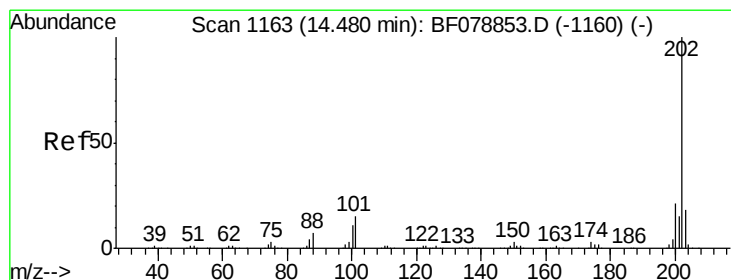
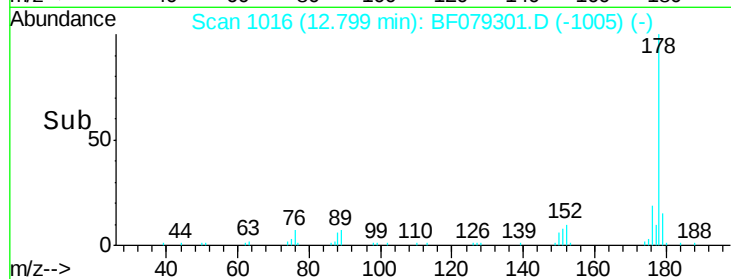
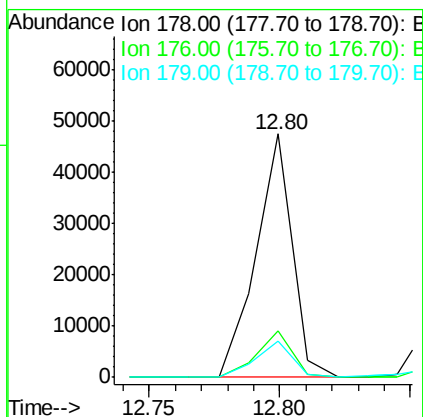
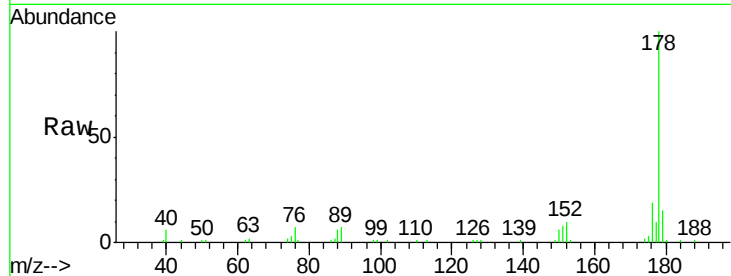
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Phenanthrene
Concen: 3.61 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Instrument :
BNA_F
ClientSampleId :
SB-36S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	14.8	12.2	18.4

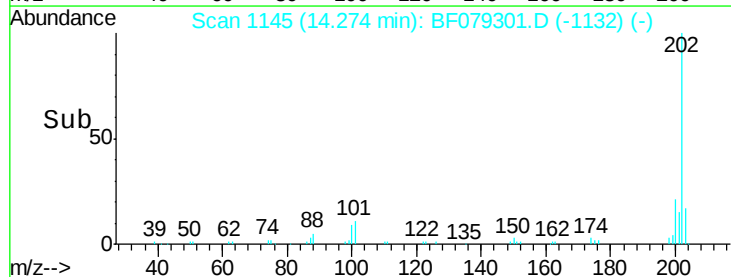
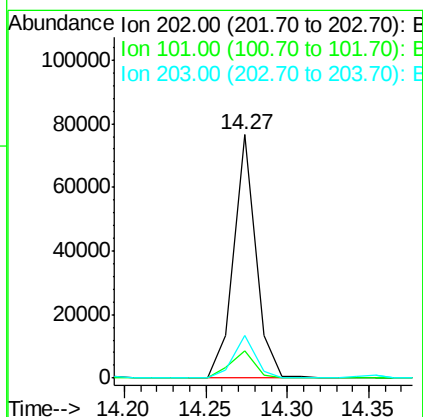
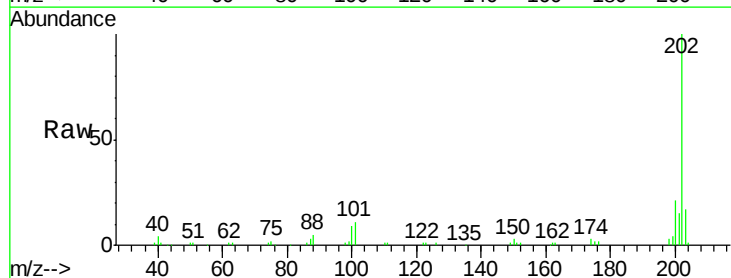
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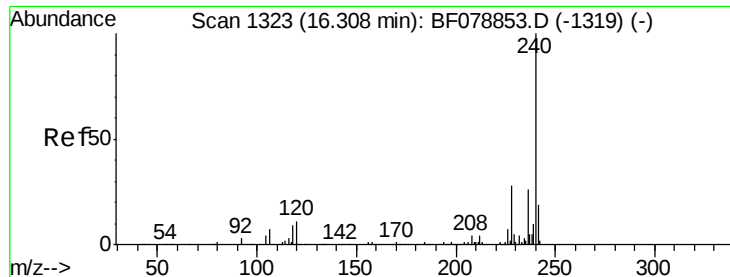
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#74
Fluoranthene
Concen: 5.41 ng
RT: 14.27 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.7
203	17.4	0.0	37.9





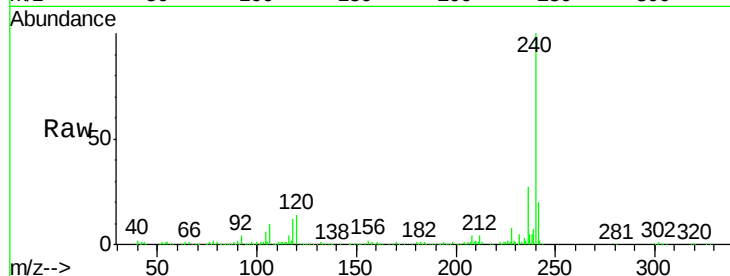
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Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Instrument :
BNA_F
ClientSampled :
SB-36S

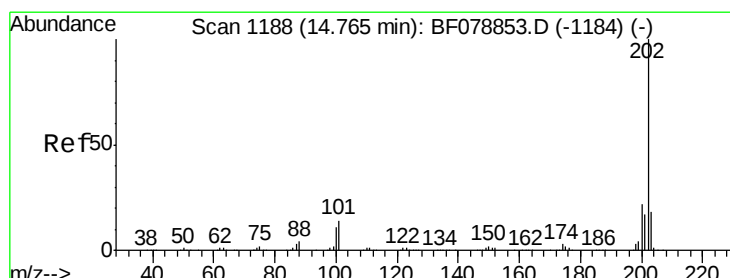
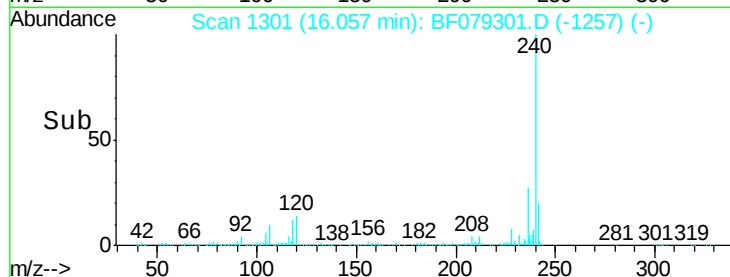
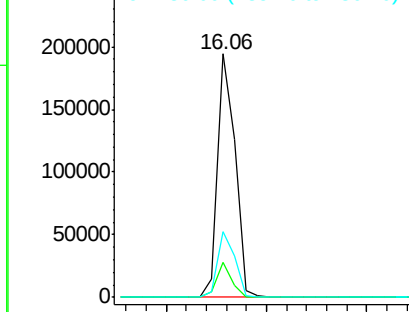
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	8.6	12.8#
236	27.0	21.0	31.6

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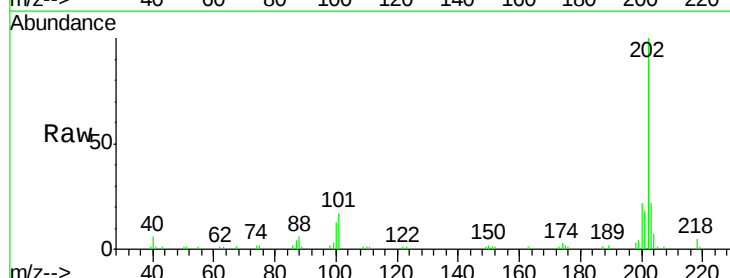


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

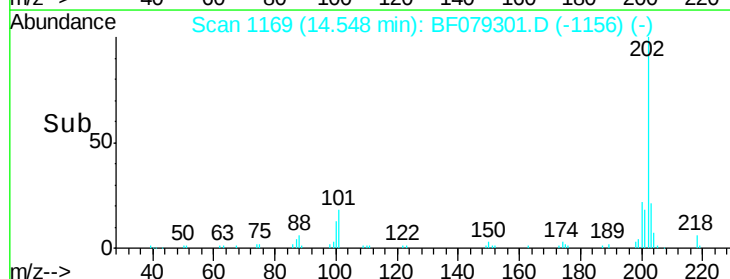
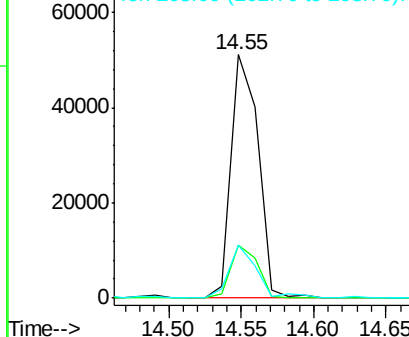


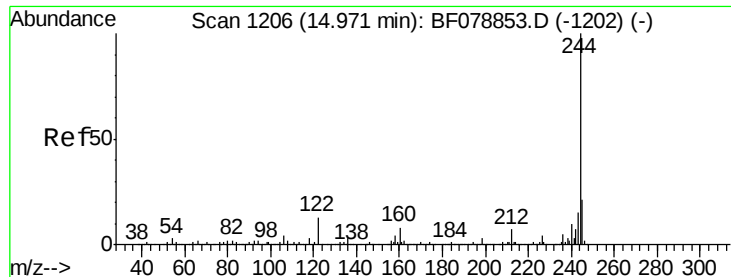
#77
Pyrene
Concen: 4.87 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.5	26.3
203	21.7	14.7	22.1



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





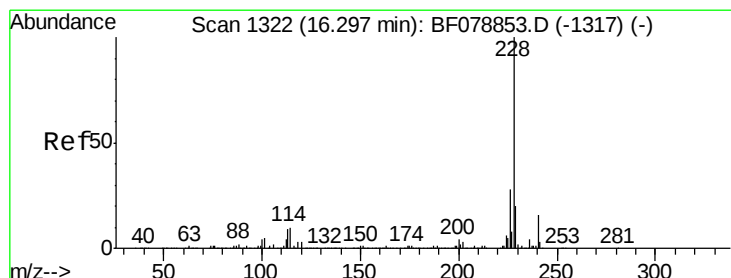
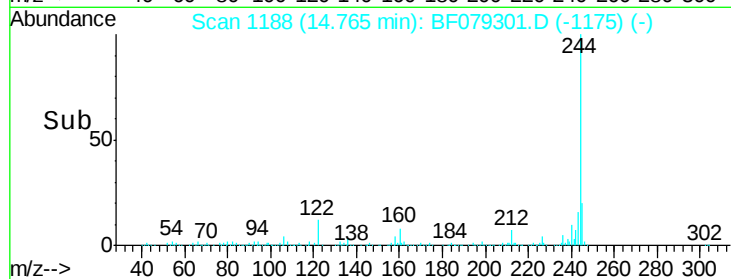
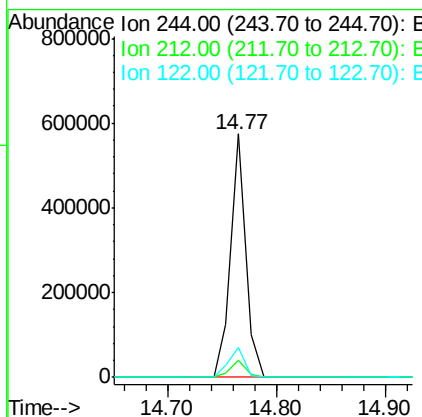
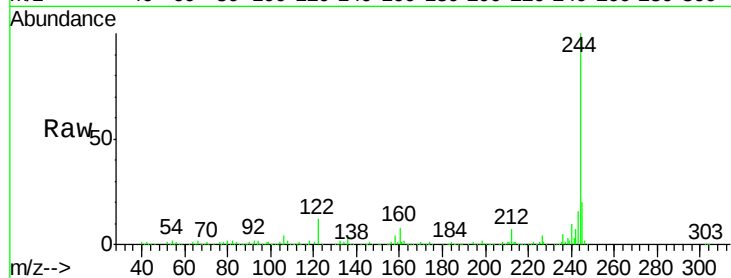
#78
 Terphenyl-d14
 Concen: 55.89 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

Tot Ion:	244	Resp:	551762
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	12.4	10.5	15.7

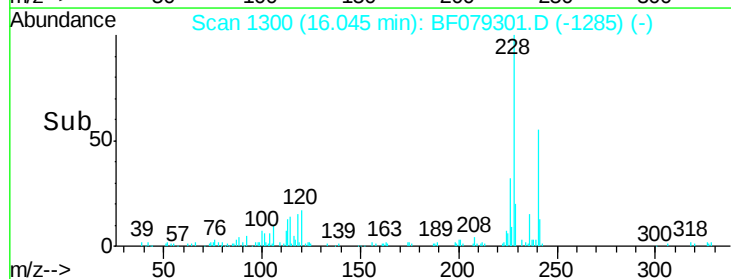
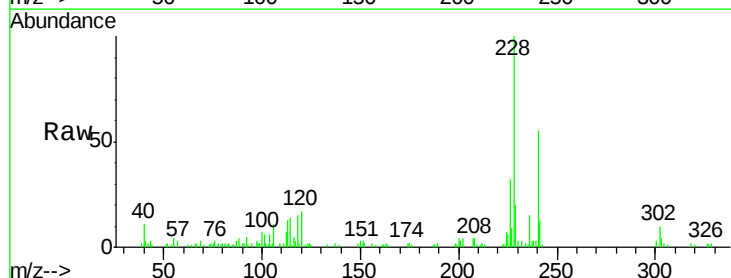
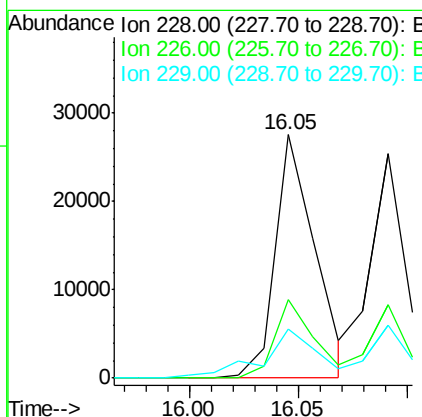
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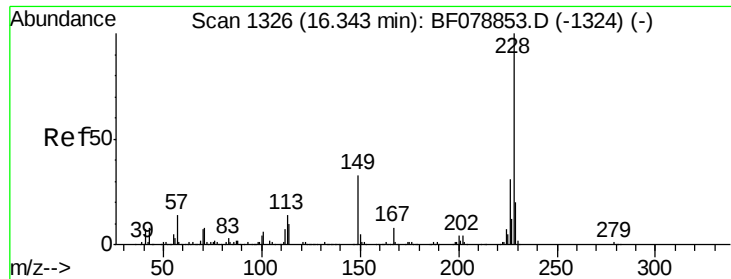
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#80
 Benzo(a)anthracene
 Concen: 2.73 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Tgt Ion:	228	Resp:	35357
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.3	33.5
229	20.4	16.1	24.1





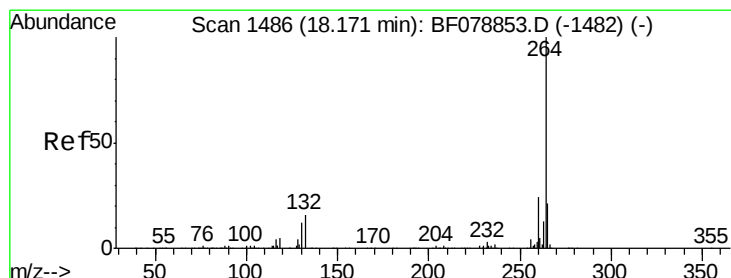
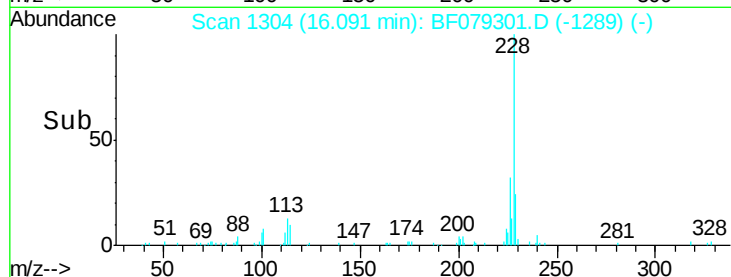
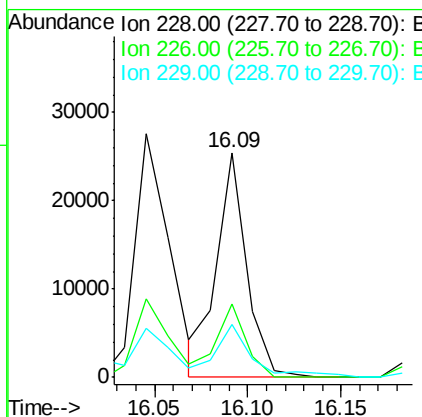
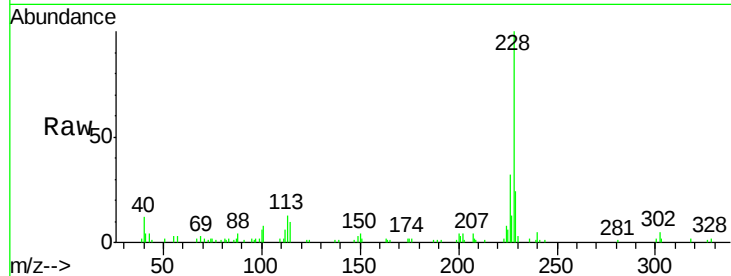
#82
Chrysene
Concen: 2.29 ng
RT: 16.09 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Instrument :
BNA_F
ClientSampled :
SB-36S

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.8	37.2
229	23.6	16.1	24.1

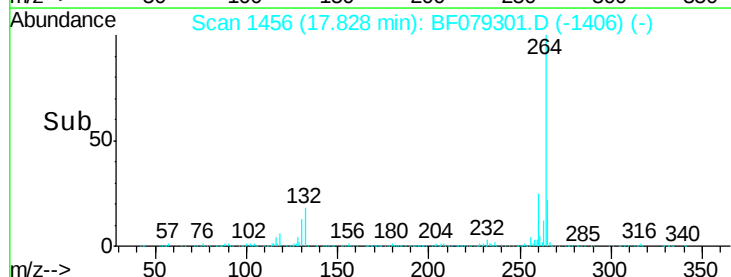
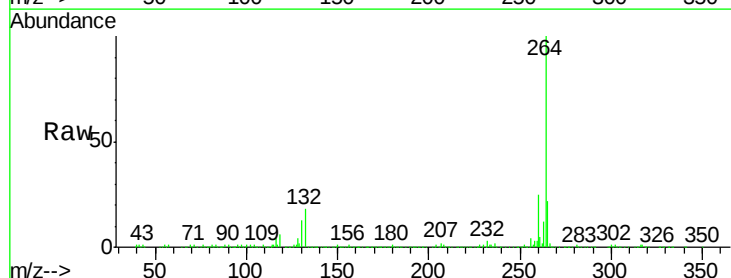
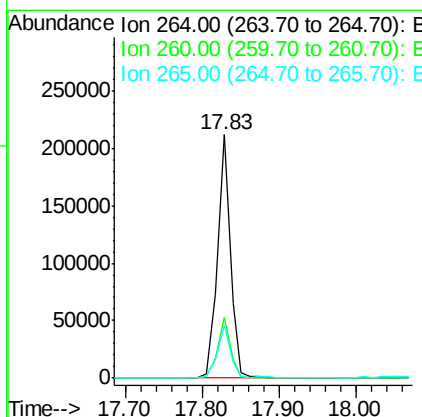
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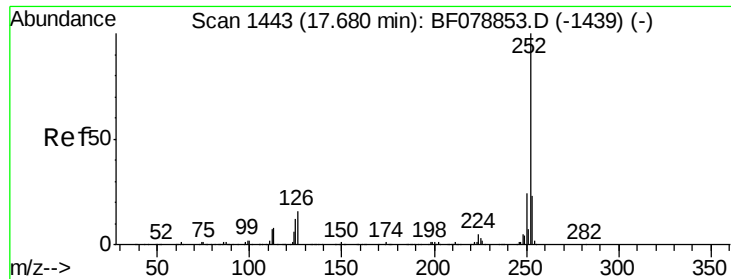
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. 0.07 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.9	17.2	25.8





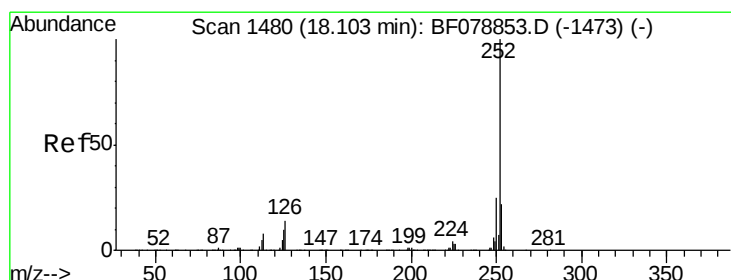
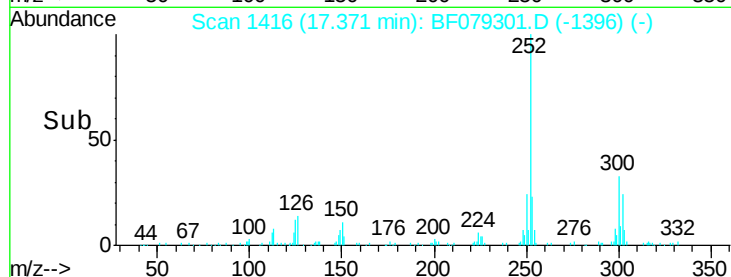
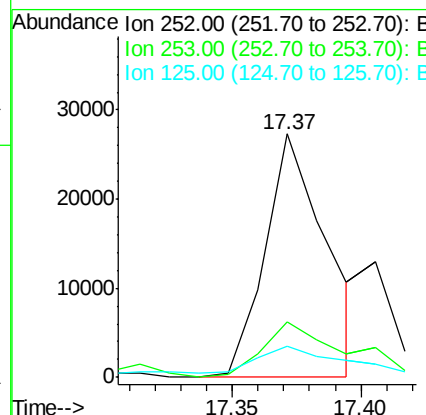
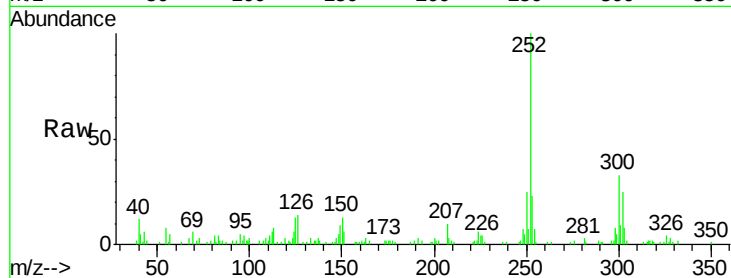
#87
Benzo(b)fluoranthene
Concen: 3.29 ng/mL
RT: 17.37 min Scan# 1416
Delta R.T. 0.05 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Instrument :
BNA_F
ClientSampleId :
SB-36S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.9	9.4	14.2

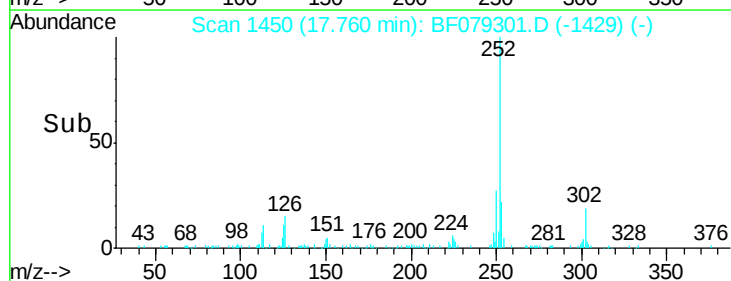
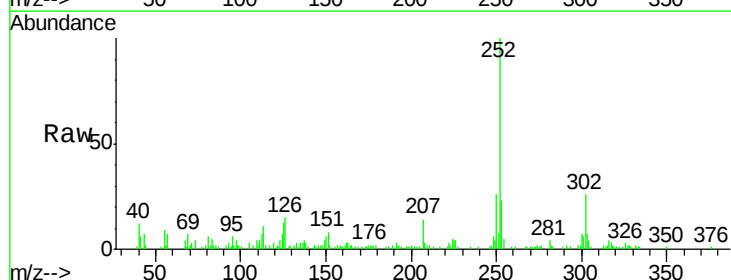
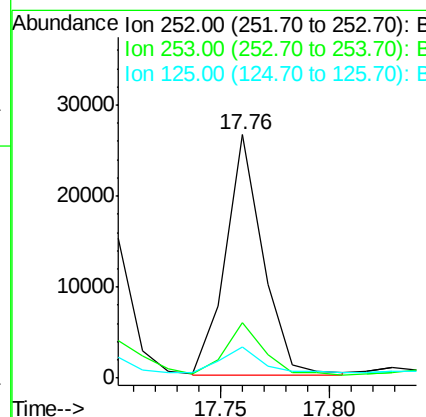
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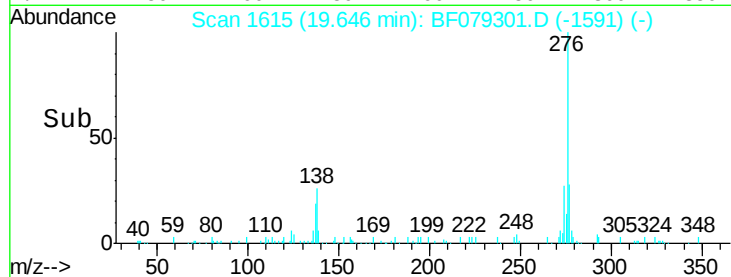
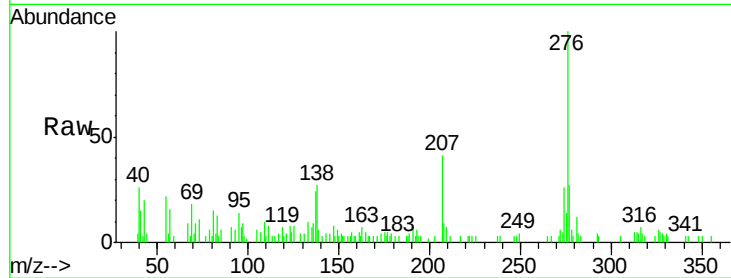
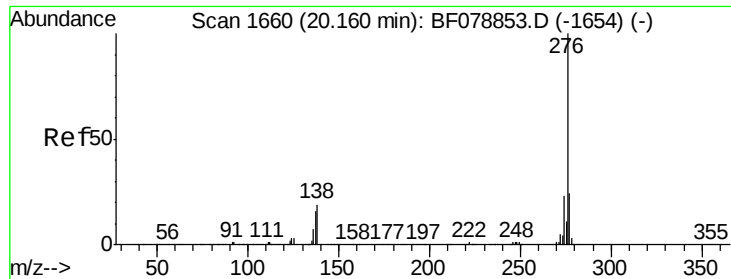
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#89
Benzo(a)pyrene
Concen: 2.48 ng/mL
RT: 17.76 min Scan# 1450
Delta R.T. 0.06 min
Lab File: BF079301.D
Acq: 16 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.8	8.2	12.2





#91
 Benzo(a,h,i)perylene
 Concen: 2.07 ng
 RT: 19.65 min Scan# 1615
 Delta R.T. 0.07 min
 Lab File: BF079301.D
 Acq: 16 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	27.2	18.8	28.2
138	33.0	15.2	22.8

Manual Integrations
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