

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079295.D
 Acq On : 16 May 2015 5:47
 Operator : TP/IZ
 Sample : G2266-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Manual Integrations
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Quant Time: May 16 06:40:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 04:02:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	72274	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	293401	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	140450	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	247998	20.00	ng	0.00
75) Chrysene-d12	16.05	240	250687	20.00	ng	-0.01
86) Perylene-d12	17.74	264	259721	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	346428m	82.51	ng	0.01
7) Phenol-d6	6.74	99	426092	76.78	ng	0.00
23) Nitrobenzene-d5	7.87	82	259979	50.93	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	122720	80.77	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	532563	52.83	ng	0.00
78) Terphenyl-d14	14.77	244	530281	50.64	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.75	152	29740	2.08	ng	100
49) Dimethylphthalate	10.60	163	33258	3.23	ng	100
70) Phenanthrene	12.79	178	169507	12.22	ng	99
71) Anthracene	12.86	178	46357	3.41	ng	98
74) Fluoranthene	14.27	202	306843	21.22	ng	93
77) Pyrene	14.55	202	290645	20.12	ng	99
80) Benzo(a)anthracene	16.03	228	167106m	12.17	ng	
82) Chrysene	16.08	228	132784	10.06	ng	98
85) Indeno(1,2,3-cd)pyrene	19.13	276	106339	6.32	ng	95
87) Benzo(b)fluoranthene	17.30	252	217940m	15.33	ng	
88) Benzo(k)fluoranthene	17.34	252	68223m	4.96	ng	
89) Benzo(a)pyrene	17.68	252	152825	11.68	ng	98
91) Benzo(a,h,i)perylene	19.53	276	109131	7.83	ng	# 93

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

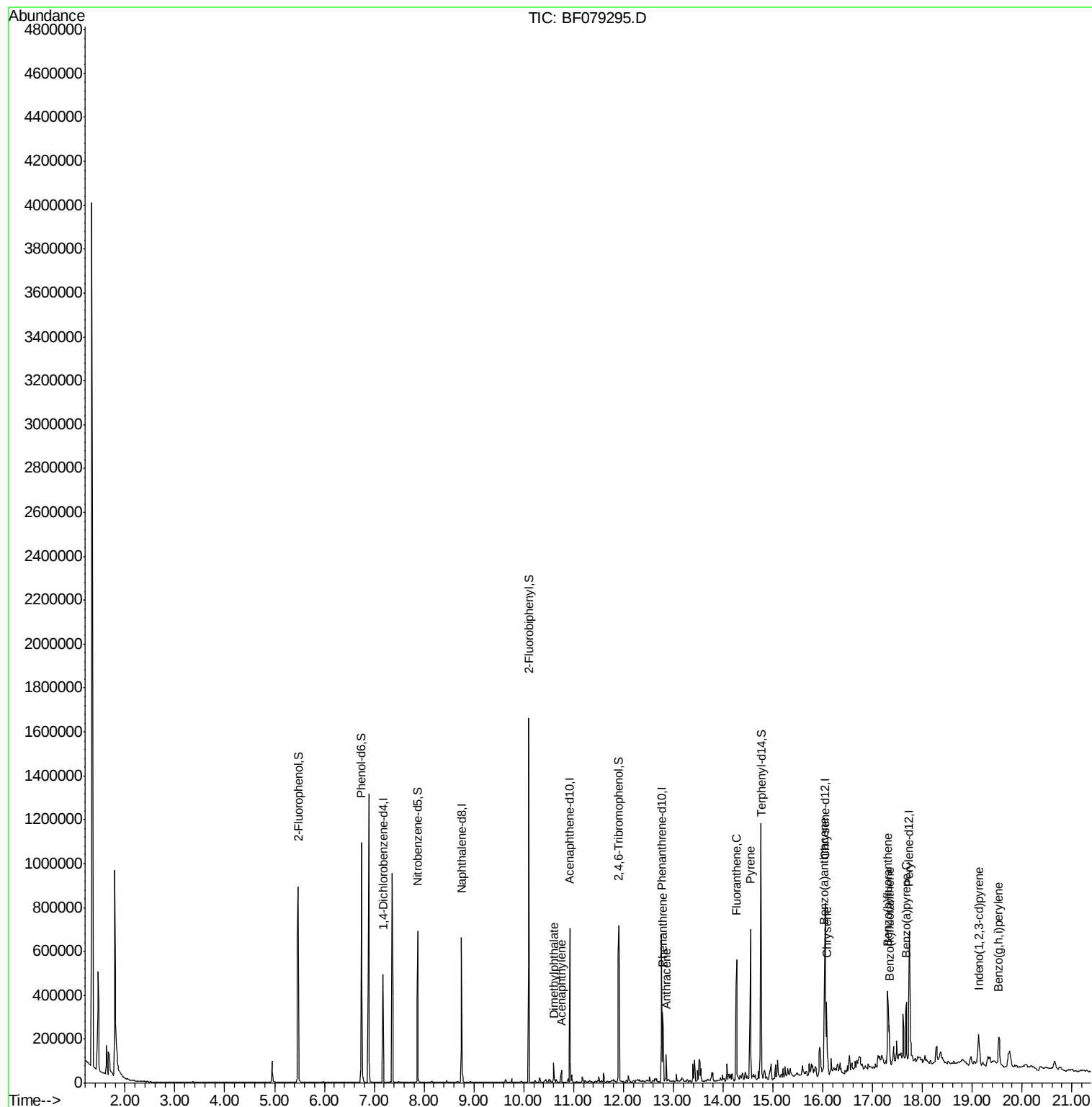
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079295.D
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ALS Vial : 28 Sample Multiplier: 1

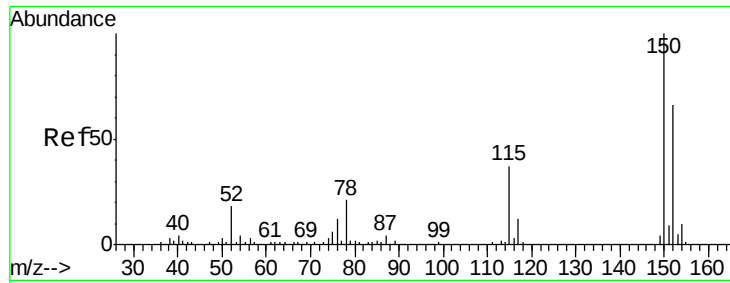
Instrument :
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1

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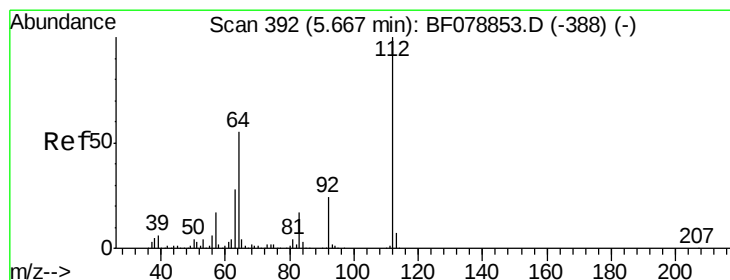
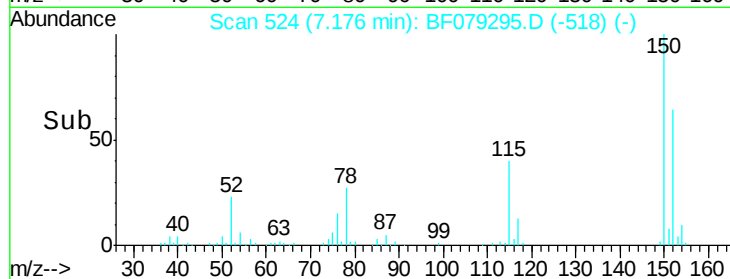
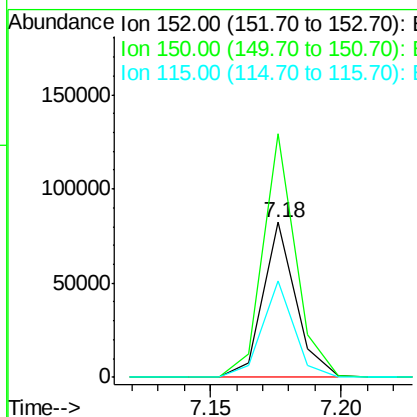
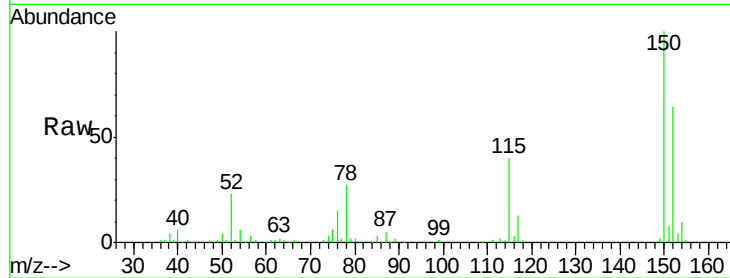
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion:	152	Resp:	72274
Ion Ratio	Lower	Upper	
152	100		
150	157.3	123.8	185.8
115	62.2	49.4	74.0

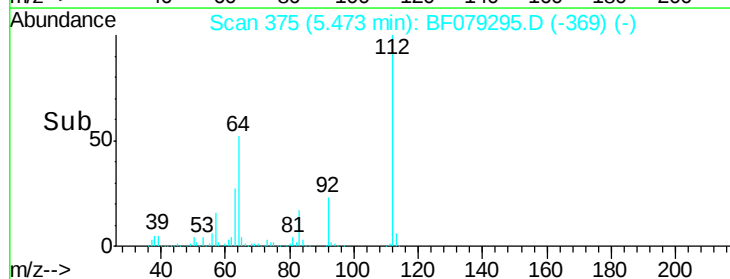
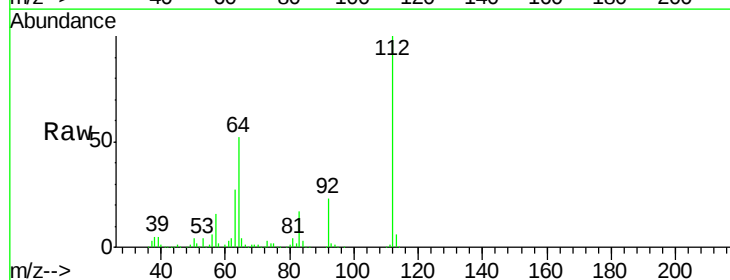
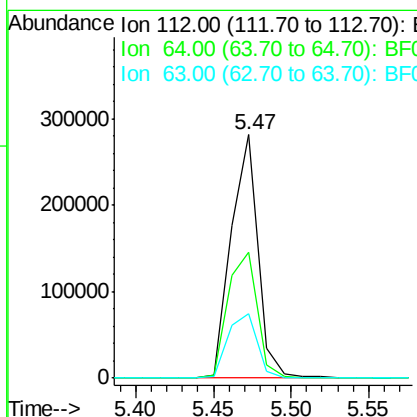
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#5
 2-Fluorophenol
 Concen: 82.51 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Tgt Ion:	112	Resp:	346428
Ion Ratio	Lower	Upper	
112	100		
64	51.8	44.2	66.2
63	26.5	22.7	34.1





#7

Phenol-d6

Concen: 76.78 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079295.D

Acq: 16 May 2015 5:47

Instrument :

BNA_F

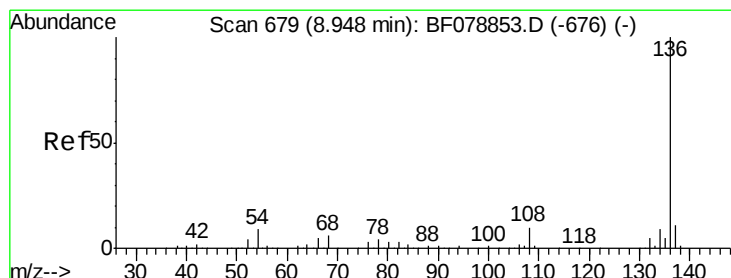
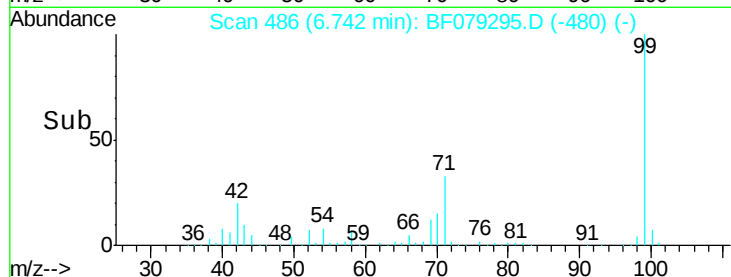
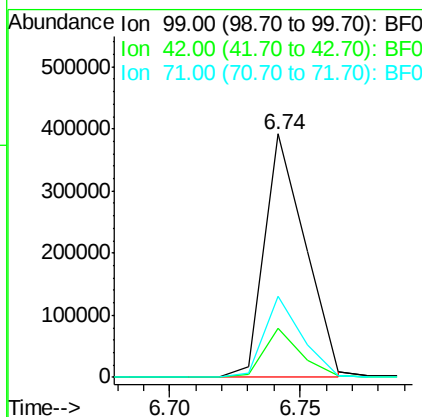
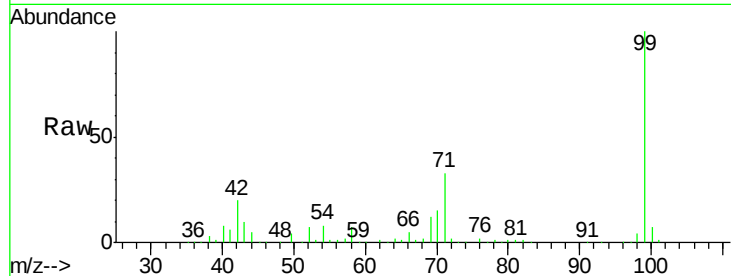
ClientSampled :

1

Tot Ion:	99	Resp:	426092
Ion Ratio	Lower	Upper	
99	100		
42	20.2	17.1	25.7
71	33.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

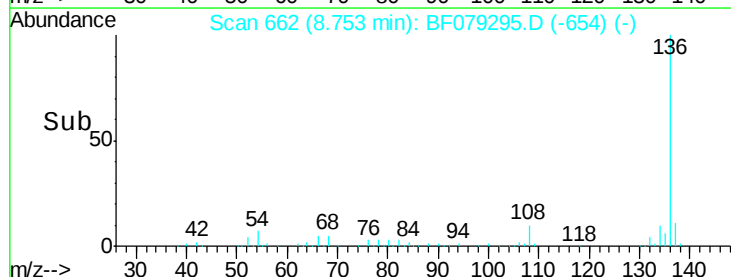
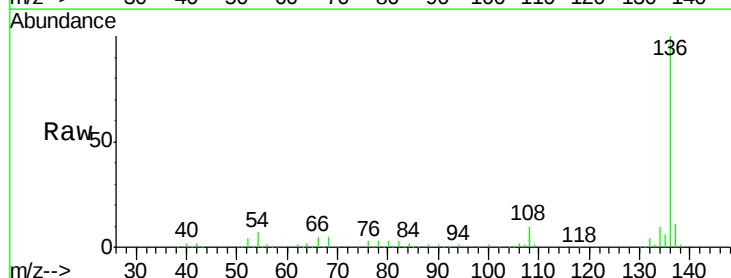
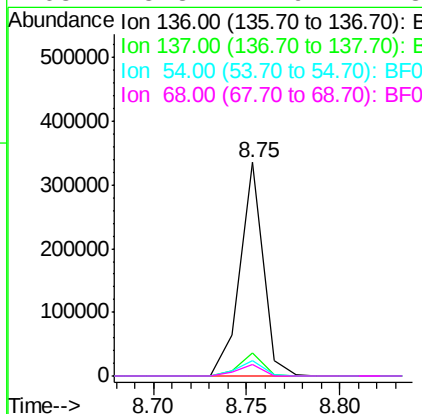
RT: 8.75 min Scan# 662

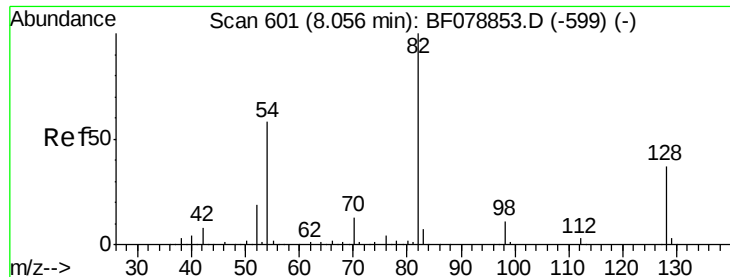
Delta R.T. 0.00 min

Lab File: BF079295.D

Acq: 16 May 2015 5:47

Tgt Ion:	136	Resp:	293401
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	6.9	6.9	10.3
68	5.3	4.9	7.3





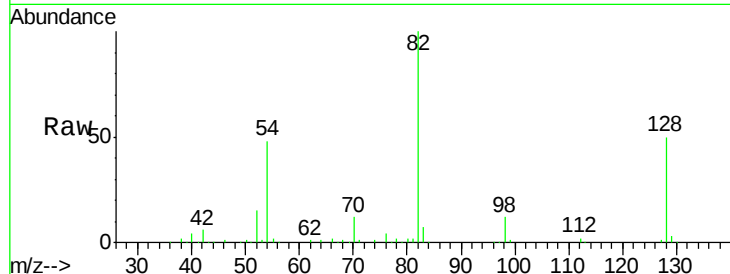
#23
 Nitrobenzene-d5
 Concen: 50.93 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 1

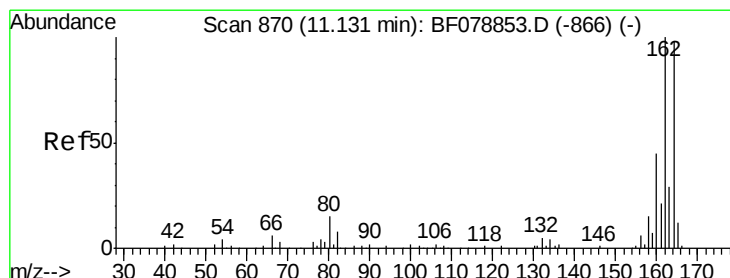
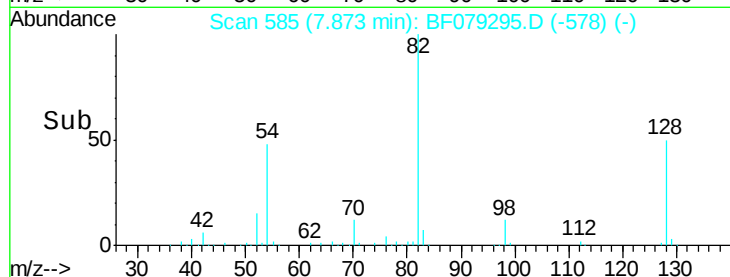
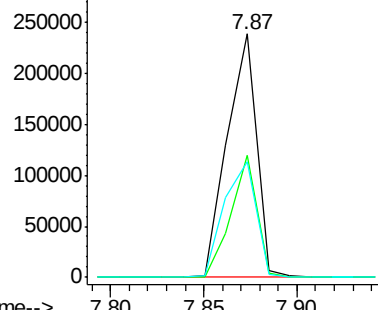
Tot Ion	82	Resp	259979
Ion Ratio	100	Lower	Upper
128	50.1	29.7	44.5#
54	47.7	46.2	69.4

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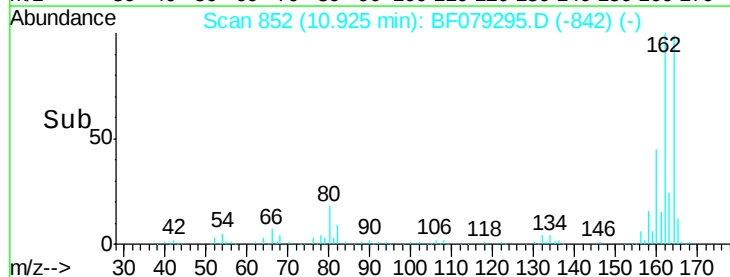
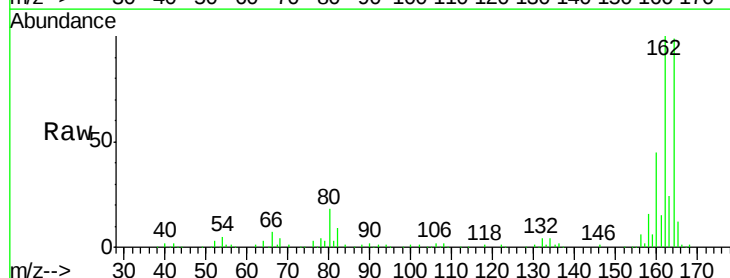
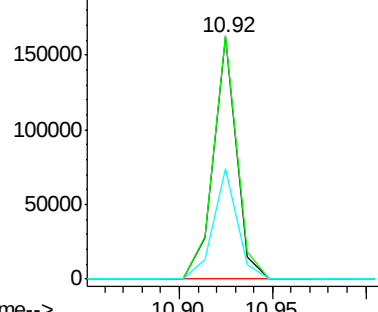
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 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

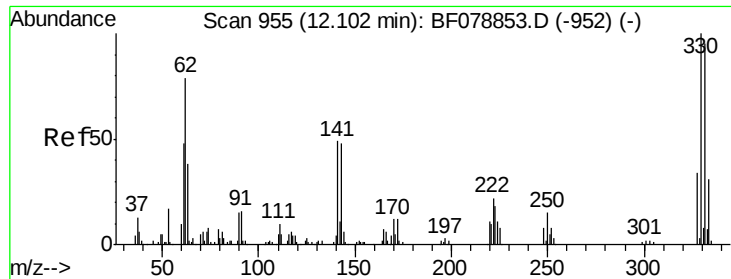


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Tgt Ion	164	Resp	140450
Ion Ratio	100	Lower	Upper
162	100.5	81.4	122.0
160	45.4	36.6	54.8

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





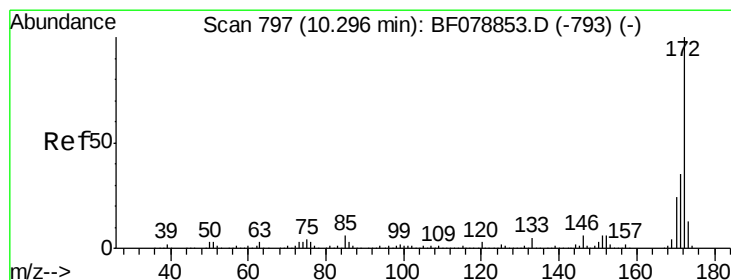
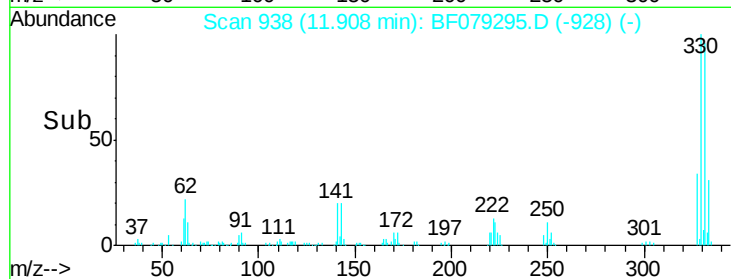
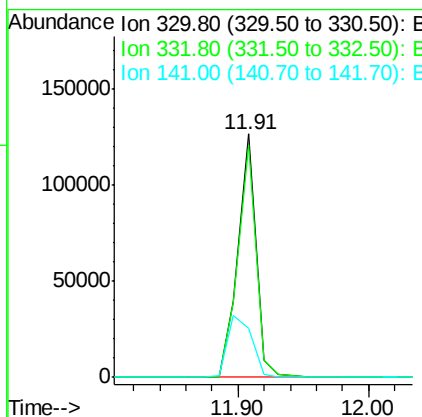
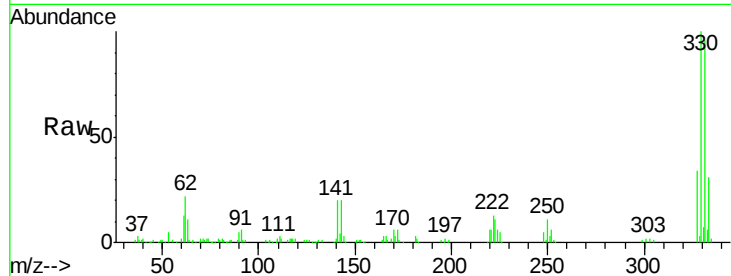
#41
 2,4,6-Tribromophenol
 Concen: 80.77 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122720		
332	95.9	76.9	115.3	
141	33.9	27.8	41.8	

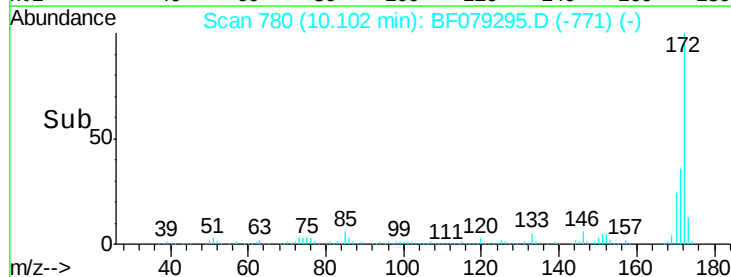
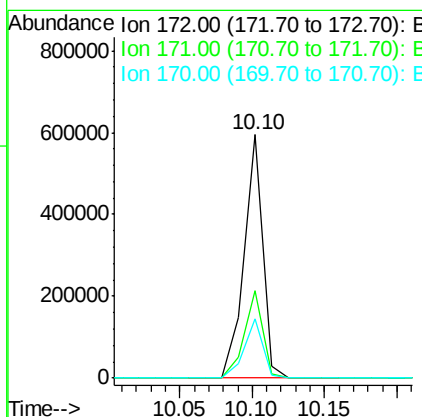
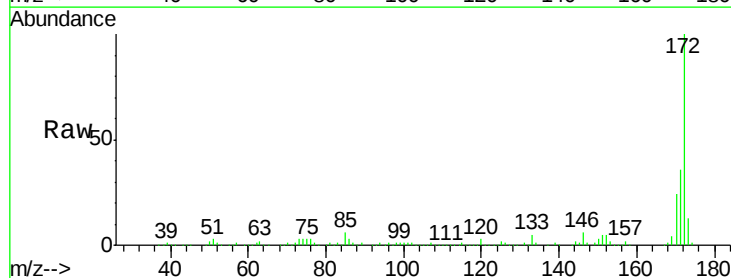
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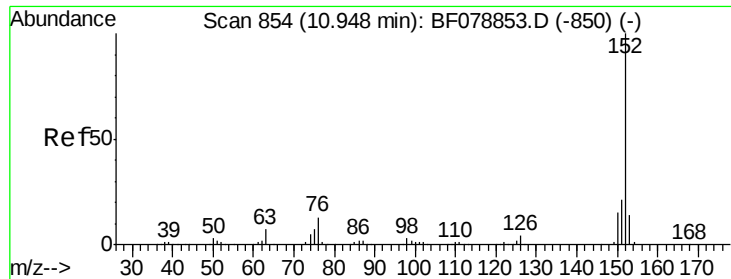
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#44
 2-Fluorobiphenyl
 Concen: 52.83 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	532563		
171	35.9	28.3	42.5	
170	24.1	19.4	29.2	





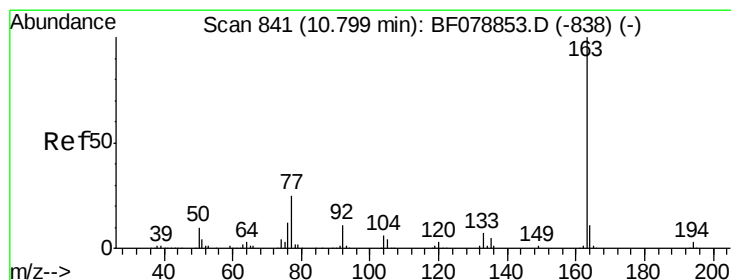
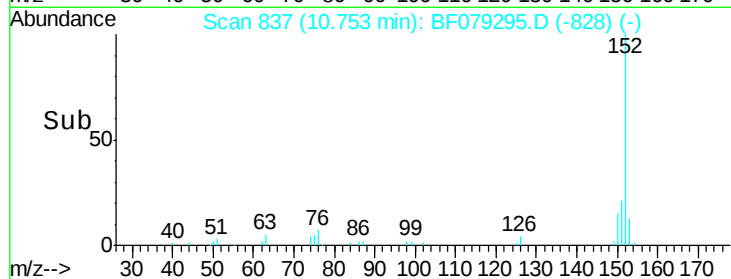
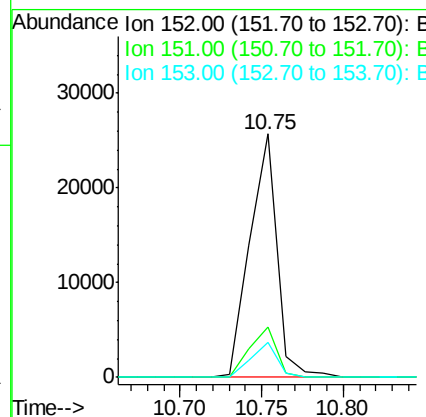
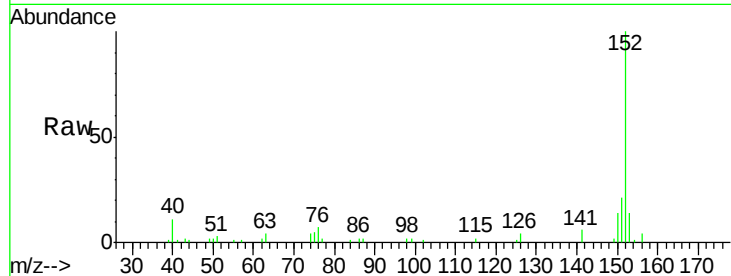
#48
Acenaphthylene
Concen: 2.08 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	29740		
151	20.7		16.6	24.8
153	14.1		11.0	16.6

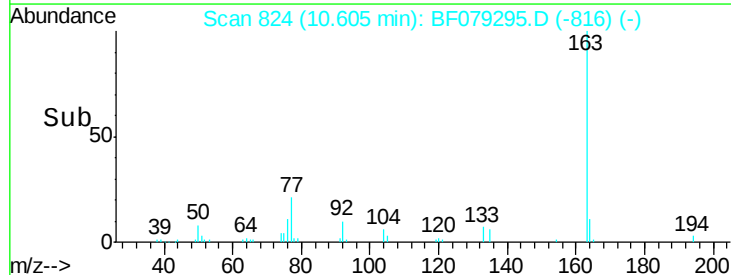
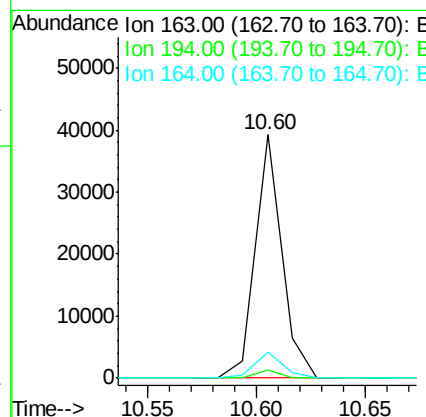
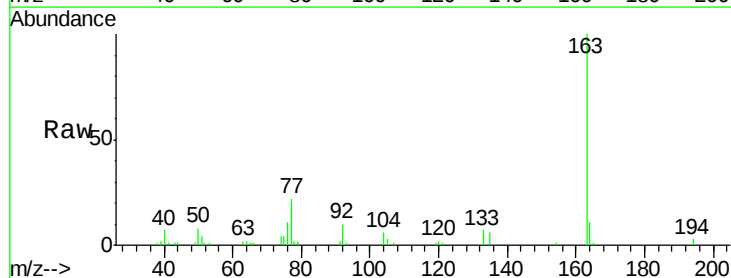
Manual Integrations
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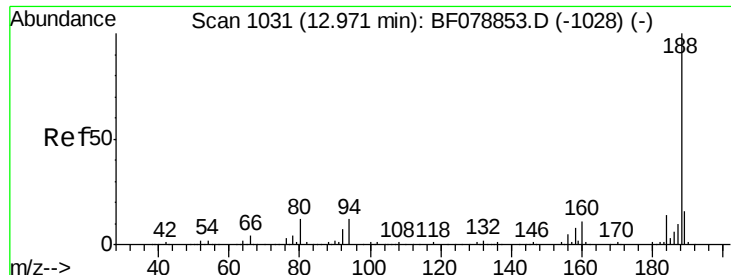
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#49
Dimethylphthalate
Concen: 3.23 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	33258		
194	3.1		2.4	3.6
164	10.8		8.6	12.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079295.D

Acq: 16 May 2015 5:47

Instrument :

BNA_F

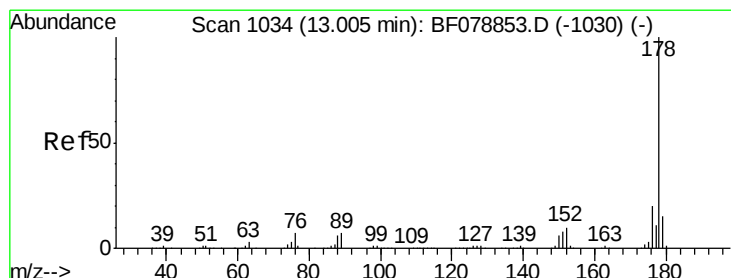
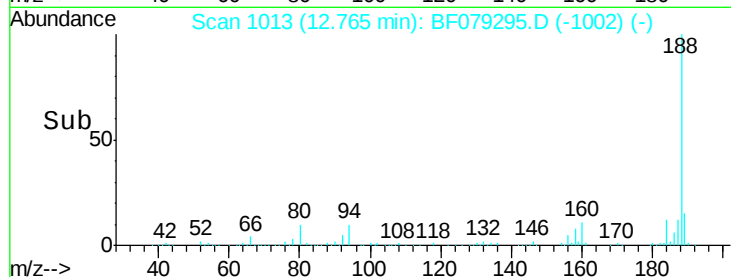
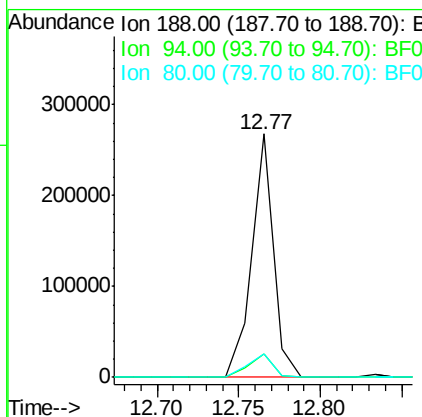
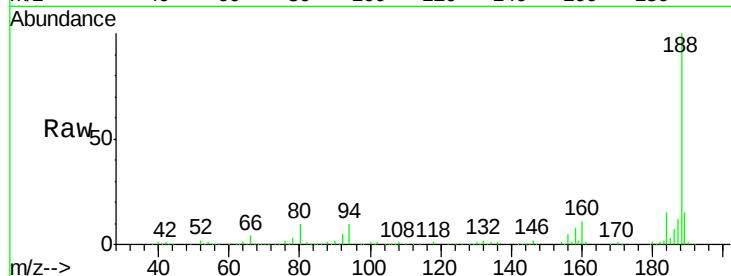
ClientSampleId :

1

Tot Ion:	188	Resp:	247998
Ion Ratio		Lower	Upper
188	100		
94	9.7	9.4	14.0
80	9.6	9.8	14.6

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#70

Phenanthrene

Concen: 12.22 ng

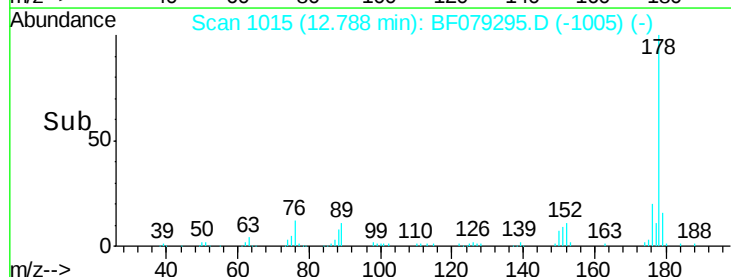
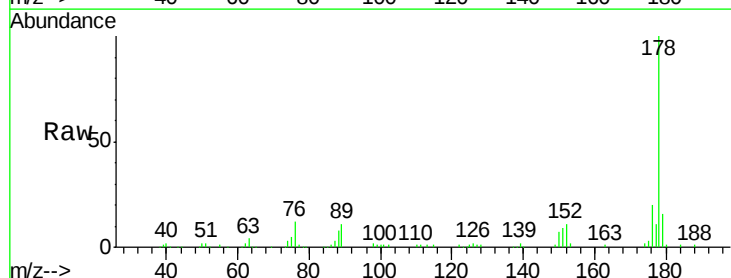
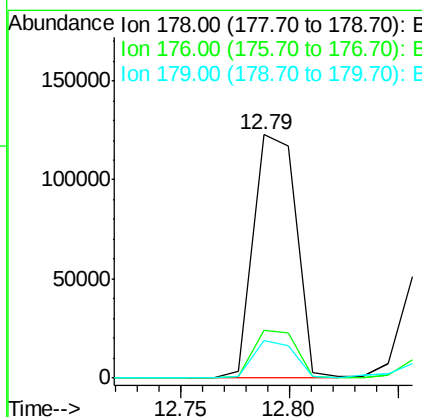
RT: 12.79 min Scan# 1015

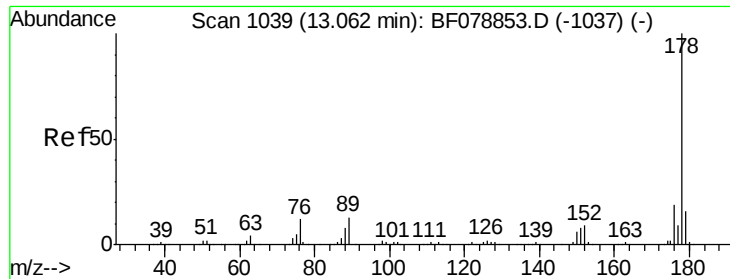
Delta R.T. -0.01 min

Lab File: BF079295.D

Acq: 16 May 2015 5:47

Tgt Ion:	178	Resp:	169507
Ion Ratio		Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.6	12.2	18.4





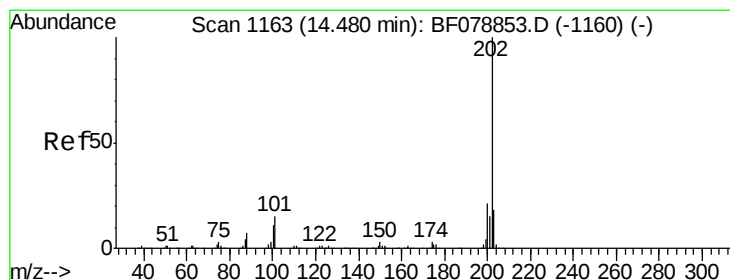
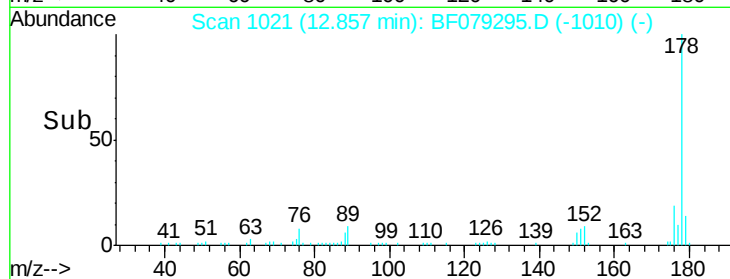
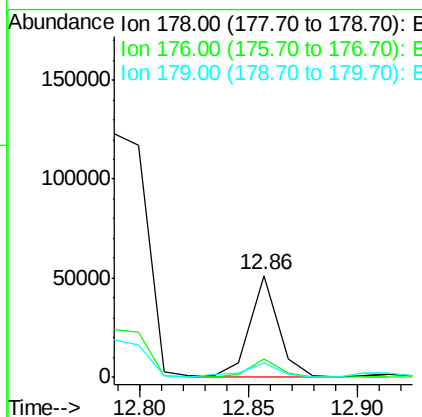
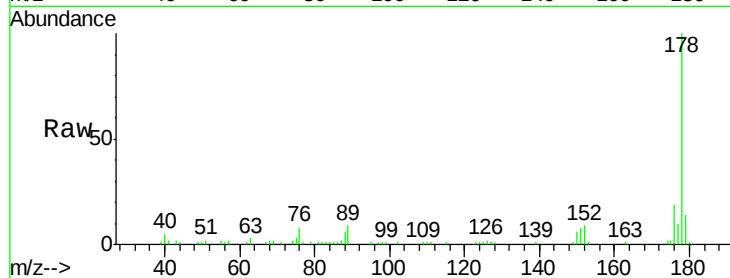
#71
 Anthracene
 Concen: 3.41 ng
 RT: 12.86 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	14.2	12.6	19.0

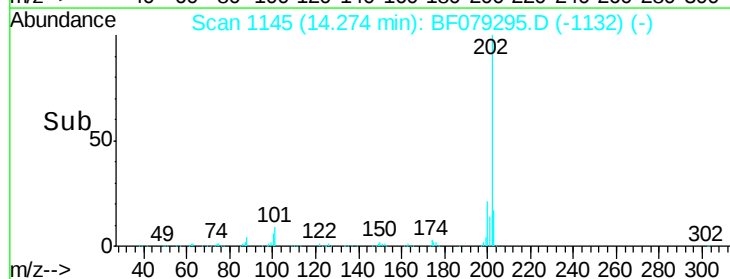
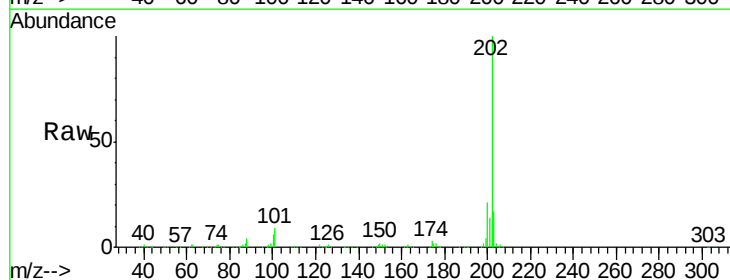
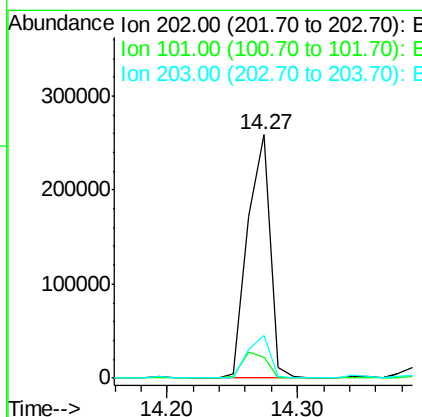
Manual Integrations
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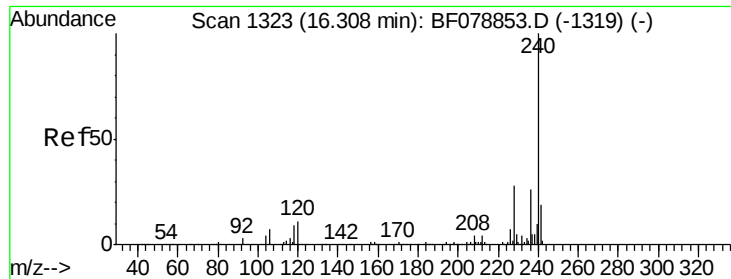
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#74
 Fluoranthene
 Concen: 21.22 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.7
203	17.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079295.D

Acq: 16 May 2015 5:47

Instrument :

BNA_F

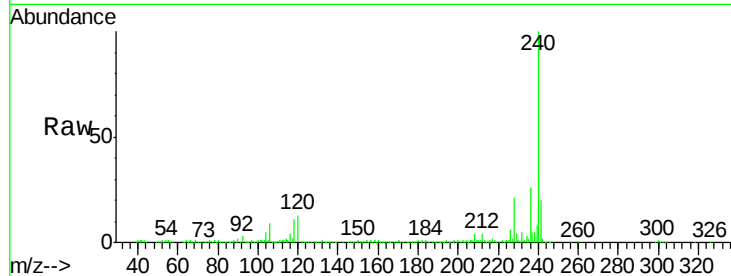
ClientSampleId :

1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	250687		
120	13.0	8.6	12.8#	
236	26.2	21.0	31.6	

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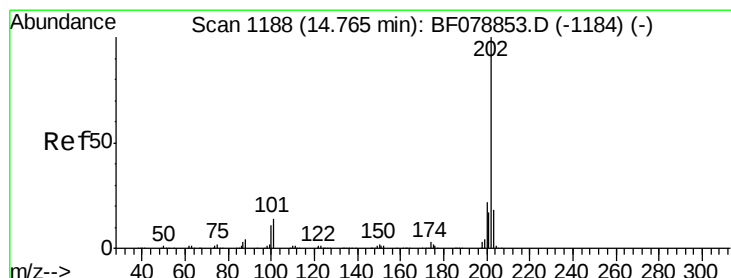
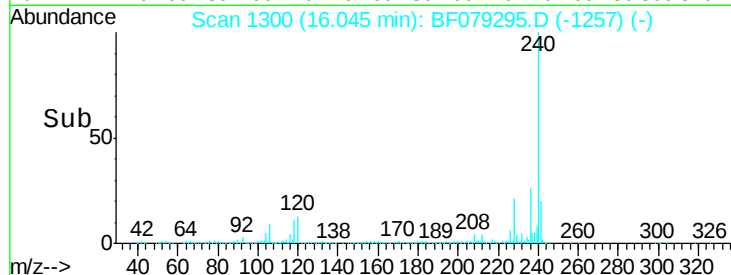
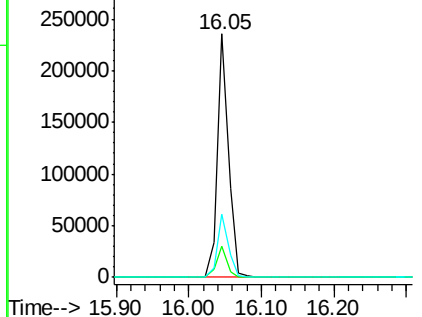
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 20.12 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF079295.D

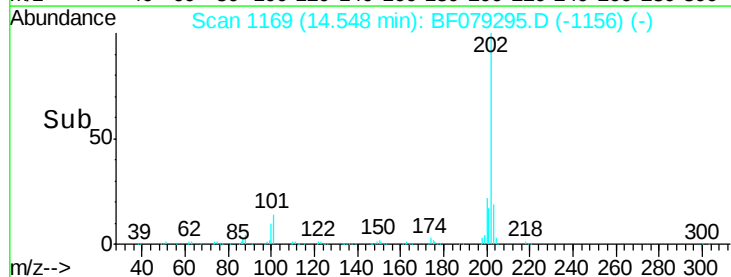
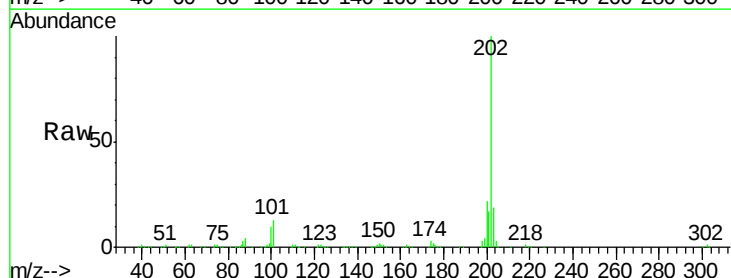
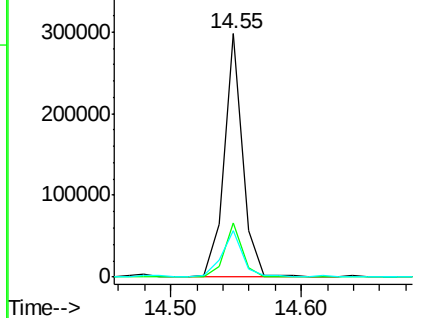
Acq: 16 May 2015 5:47

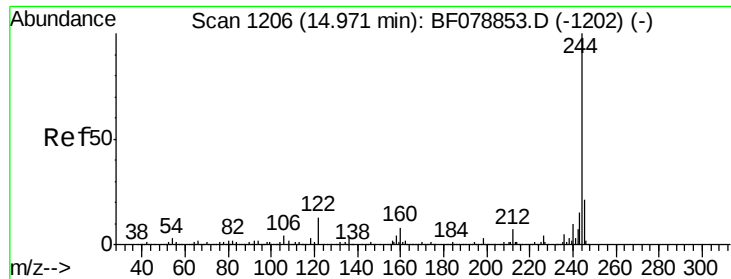
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	290645		
200	22.0	17.5	26.3	
203	18.9	14.7	22.1	

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





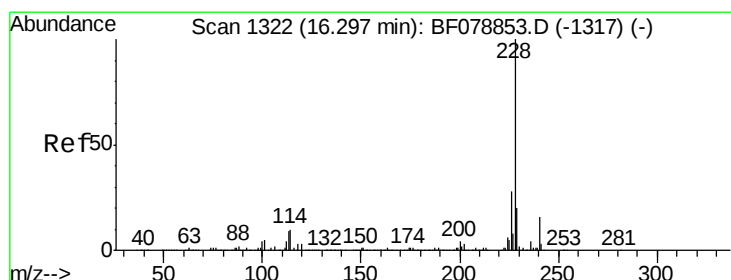
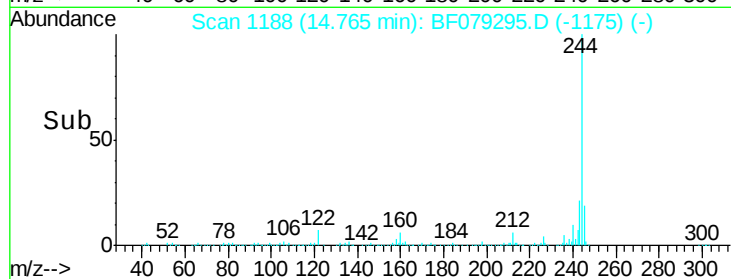
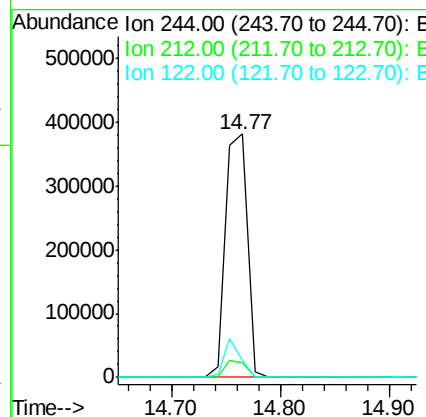
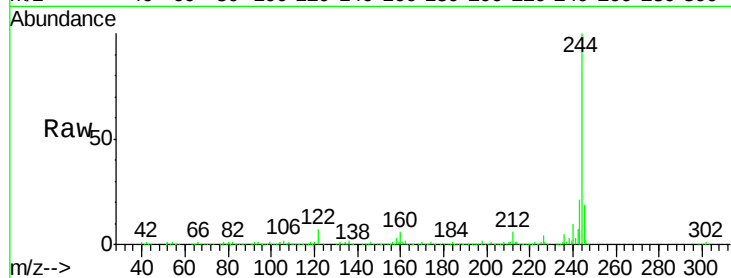
#78
 Terphenyl-d14
 Concen: 50.64 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampled :
 1

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	7.2	10.5	15.7#

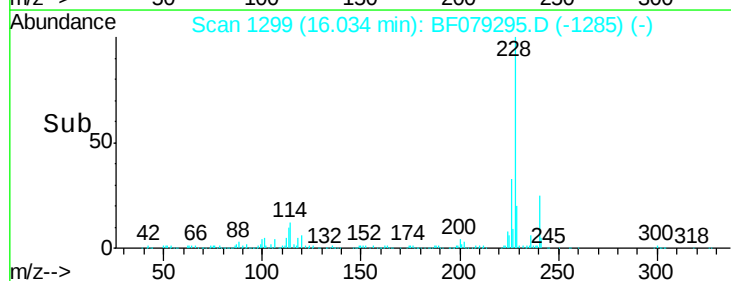
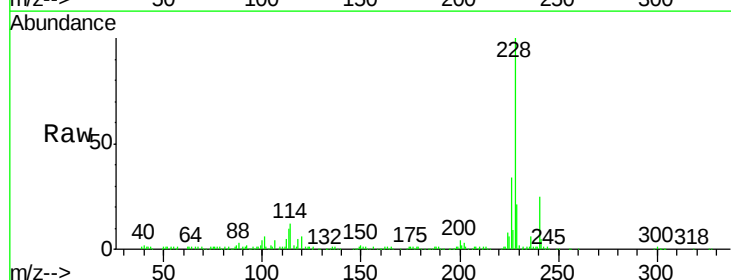
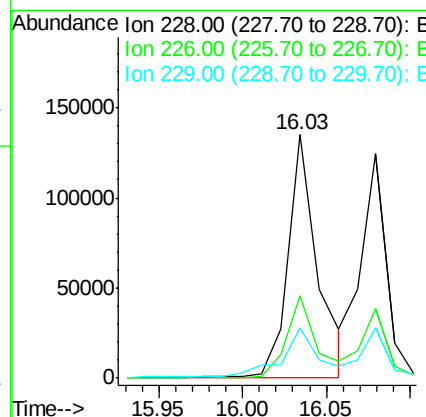
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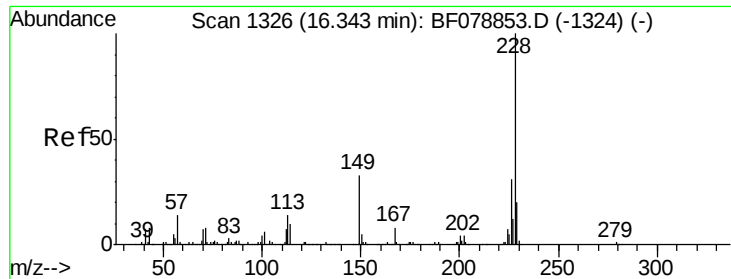
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#80
 Benzo(a)anthracene
 Concen: 12.17 ng m
 RT: 16.03 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.3	33.5#
229	20.8	16.1	24.1





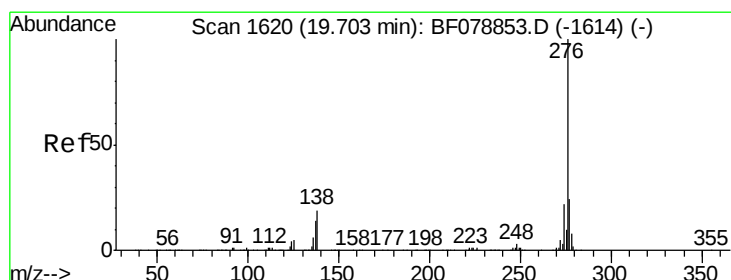
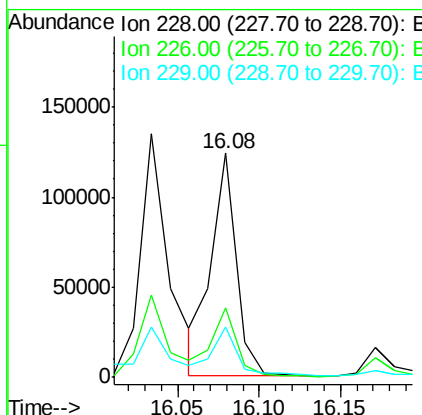
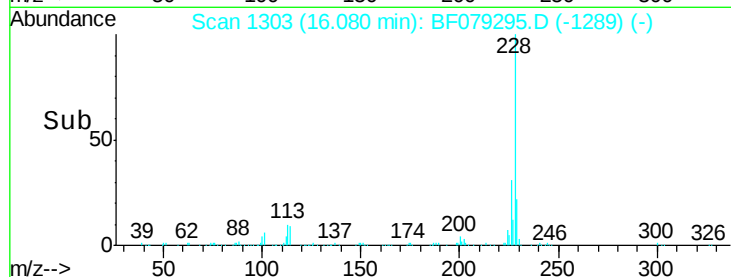
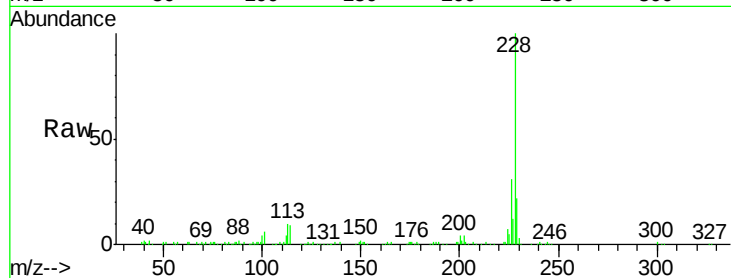
#82
Chrysene
Concen: 10.06 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion	Ratio	Resp	Lower	Upper
228	100	132784		
226	30.9	24.8	37.2	
229	22.4	16.1	24.1	

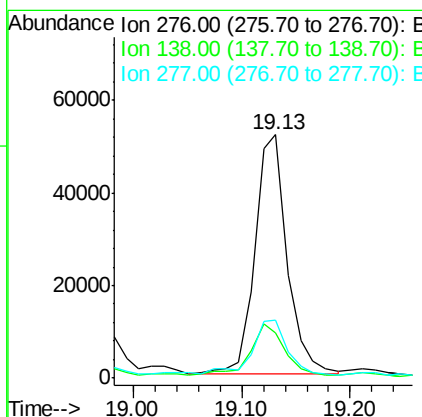
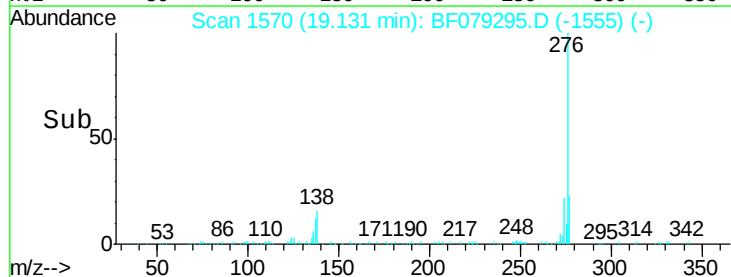
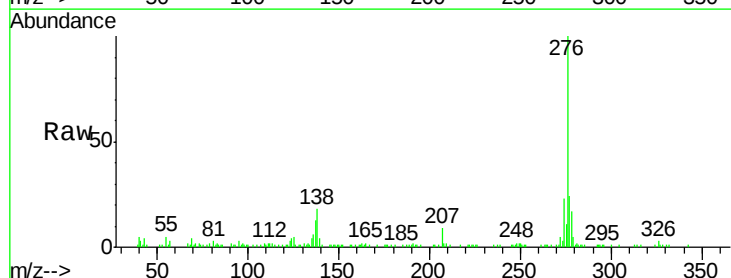
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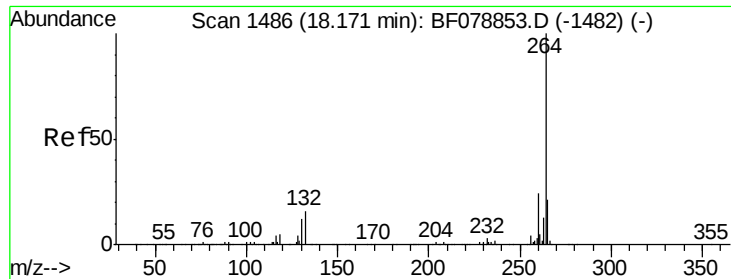
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.32 ng
RT: 19.13 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	106339		
138	22.3	21.1	31.7	
277	26.2	19.9	29.9	





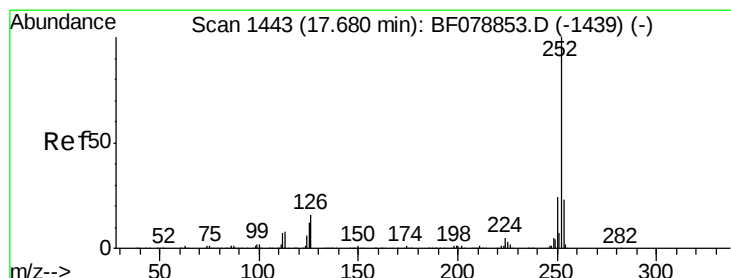
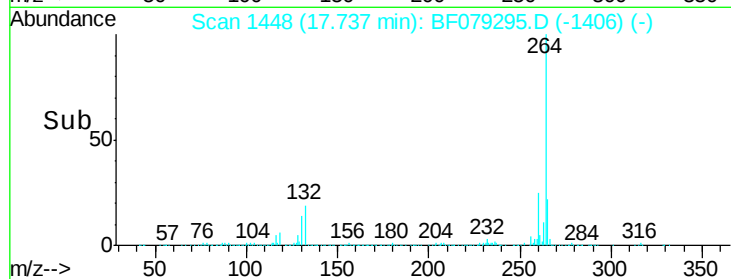
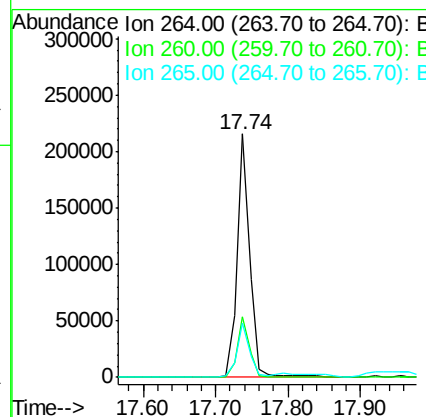
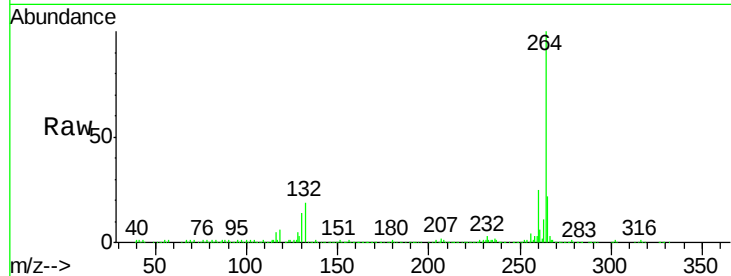
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.2	25.8

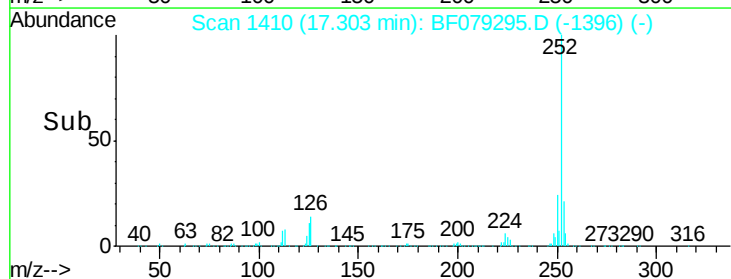
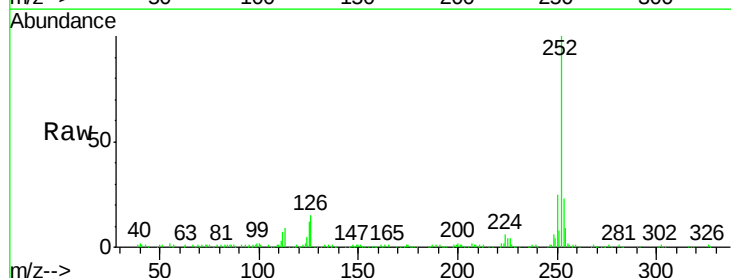
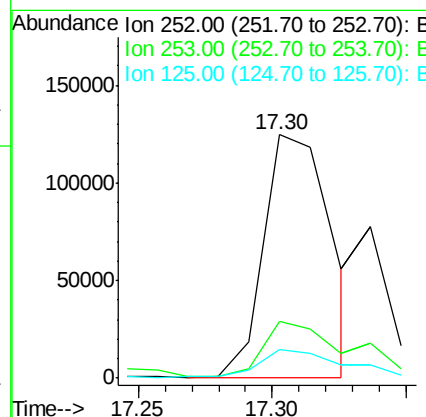
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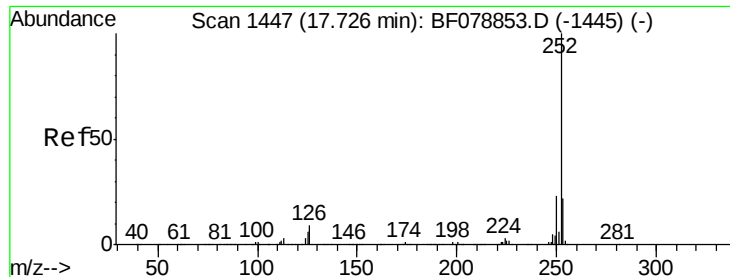
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#87
Benzo(b)fluoranthene
Concen: 15.33 ng m
RT: 17.30 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.8	9.4	14.2





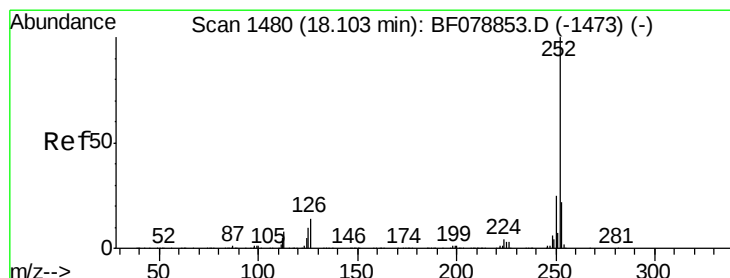
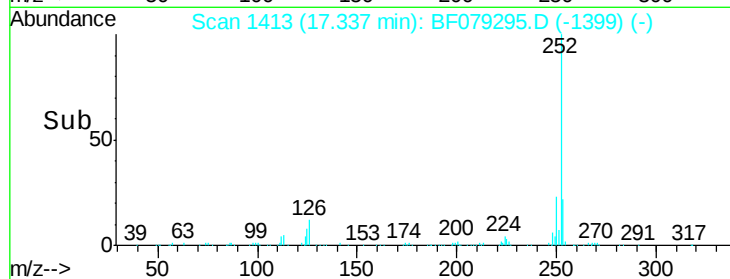
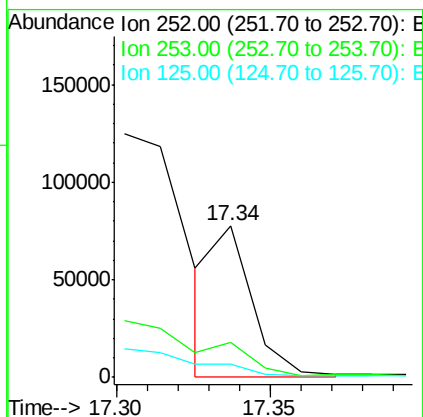
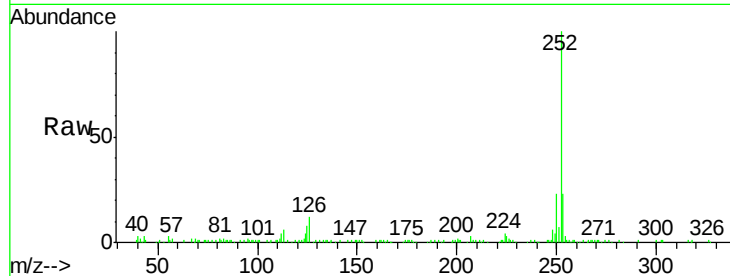
#88
Benzo(k)fluoranthene
Concen: 4.96 ng m
RT: 17.34 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	8.4	6.1	9.1

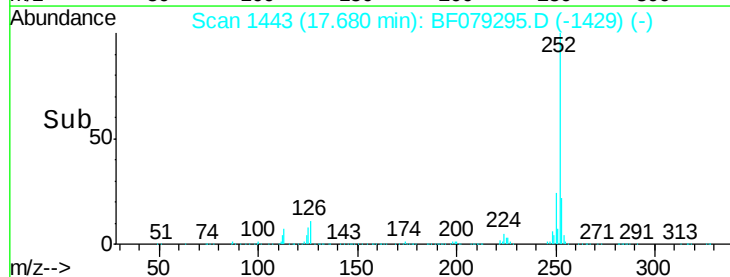
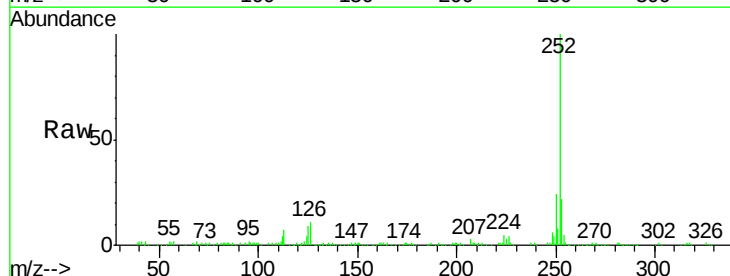
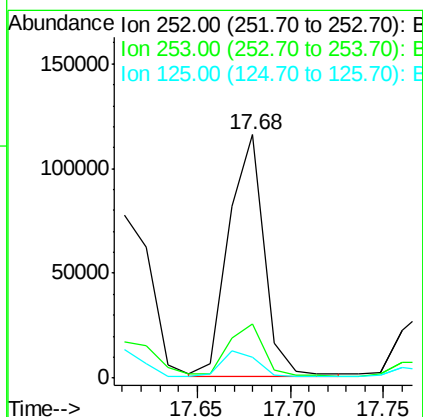
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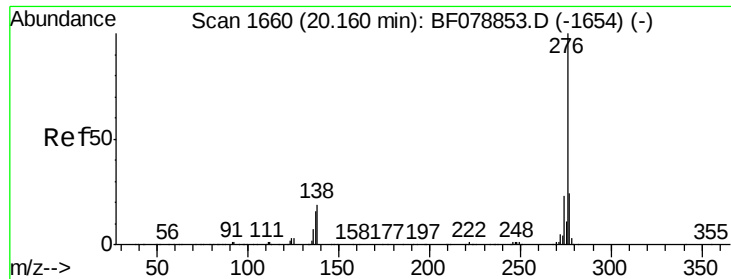
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#89
Benzo(a)pyrene
Concen: 11.68 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF079295.D
Acq: 16 May 2015 5:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	8.7	8.2	12.2





#91
 Benzo(a,h,i)perylene
 Concen: 7.83 ng
 RT: 19.53 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF079295.D
 Acq: 16 May 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion:	276	Resp:	109131
Ion Ratio		Lower	Upper
276	100		
277	25.0	18.8	28.2
138	24.2	15.2	22.8

Manual Integrations
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