

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079298.D
 Acq On : 16 May 2015 7:14
 Operator : TP/IZ
 Sample : G2249-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-1

Manual Integrations
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Quant Time: May 18 12:24:54 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	73421	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	299894	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	137197	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	257586	20.00	ng	0.00
75) Chrysene-d12	16.06	240	268366	20.00	ng	0.00
86) Perylene-d12	17.81	264	279893	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	415418m	97.40	ng	0.01
7) Phenol-d6	6.75	99	572604	101.56	ng	0.01
23) Nitrobenzene-d5	7.87	82	322231	61.75	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	153427	103.37	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	624739	63.44	ng	0.00
78) Terphenyl-d14	14.77	244	636359	56.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.60	163	42675	4.24	ng	98
70) Phenanthrene	12.80	178	184811	12.82	ng	98
71) Anthracene	12.86	178	58199	4.12	ng	99
74) Fluoranthene	14.27	202	363996	24.24	ng	95
77) Pyrene	14.55	202	330037	21.34	ng	97
80) Benzo(a)anthracene	16.05	228	177130m	12.05	ng	
82) Chrysene	16.09	228	171722m	12.15	ng	
83) Bis(2-ethylhexyl)phthalate	16.10	149	362929	35.45	ng	# 98
85) Indeno(1,2,3-cd)pyrene	19.20	276	109163	6.06	ng	95
87) Benzo(b)fluoranthene	17.35	252	227968m	14.88	ng	
88) Benzo(k)fluoranthene	17.38	252	74370m	5.01	ng	
89) Benzo(a)pyrene	17.74	252	166364	11.79	ng	99
91) Benzo(a,h,i)perylene	19.61	276	100884	6.71	ng	# 95

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

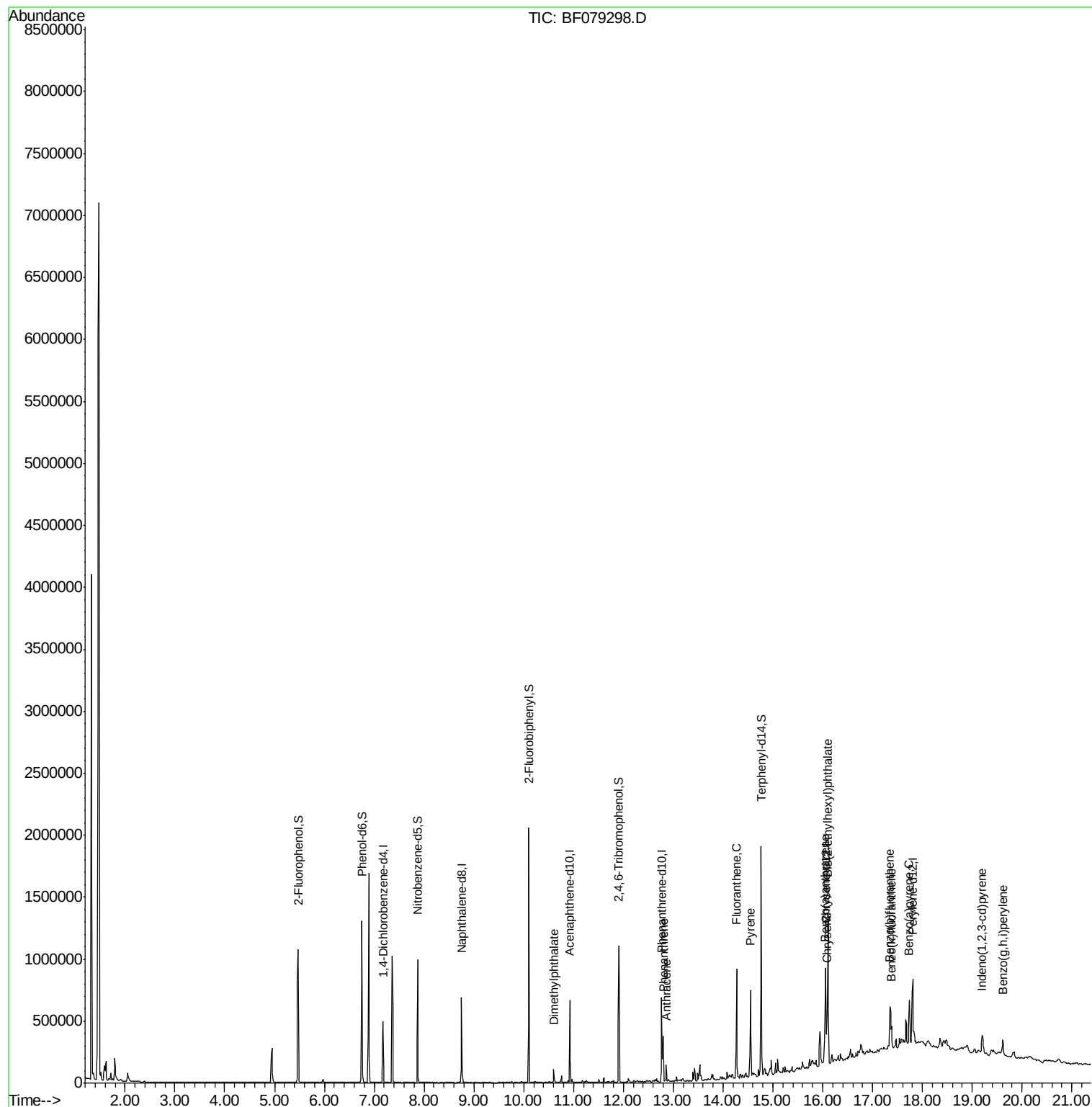
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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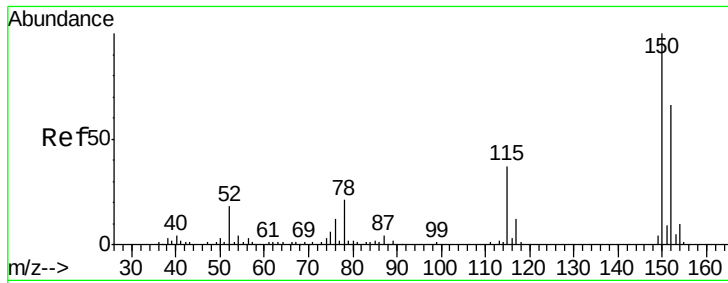
Instrument :
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SR-1

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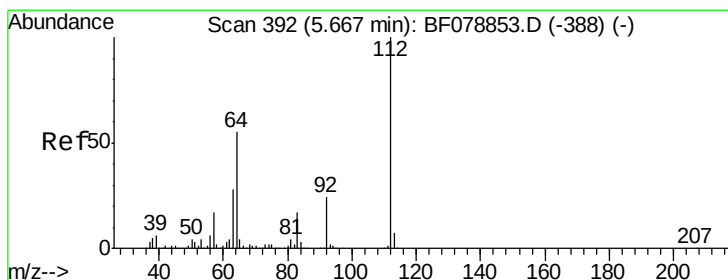
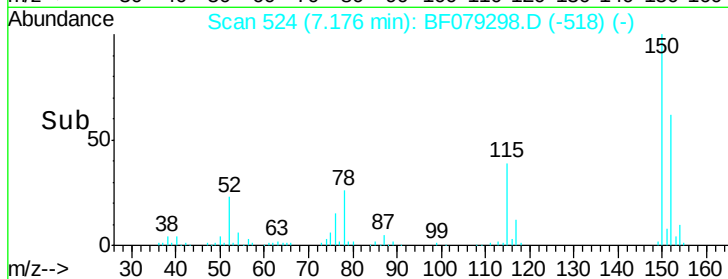
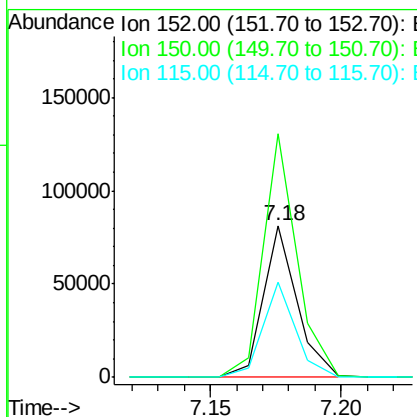
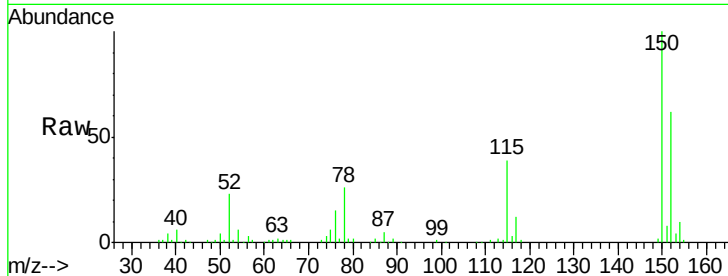
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Instrument :
 BNA_F
 ClientSampled :
 SR-1

Tot Ion:	152	Resp:	73421
Ion Ratio	Lower	Upper	
152	100		
150	160.8	123.8	185.8
115	62.8	49.4	74.0

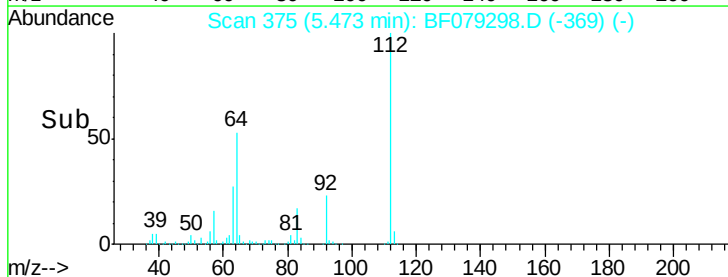
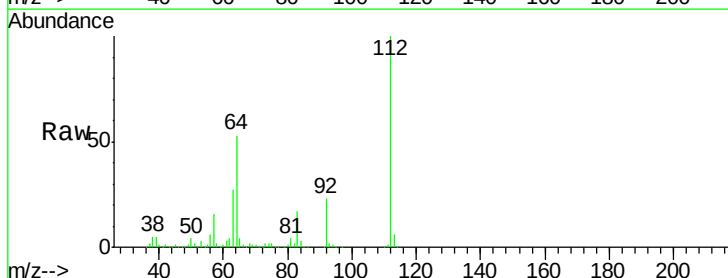
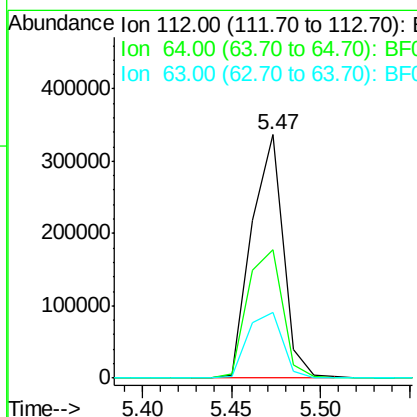
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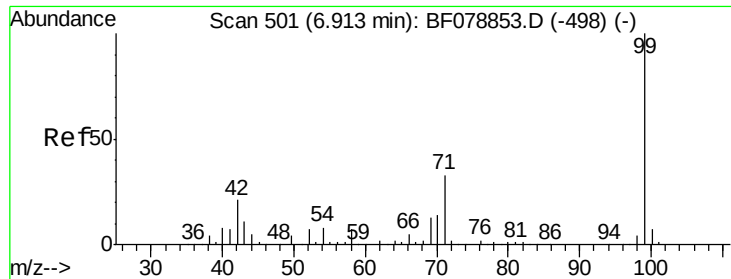
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#5
 2-Fluorophenol
 Concen: 97.40 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Tgt Ion:	112	Resp:	415418
Ion Ratio	Lower	Upper	
112	100		
64	52.6	44.2	66.2
63	26.9	22.7	34.1





#7

Phenol-d6

Concen: 101.56 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079298.D

Acq: 16 May 2015 7:14

Instrument :

BNA_F

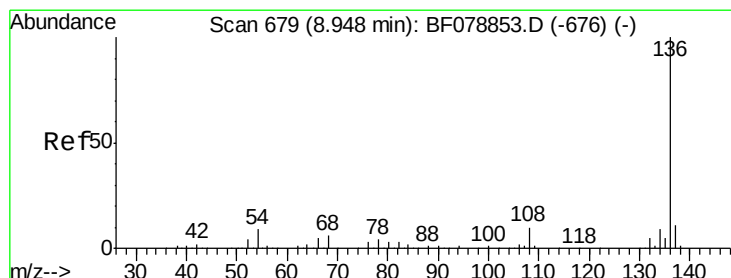
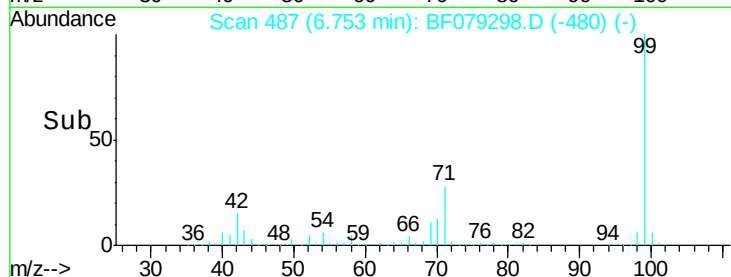
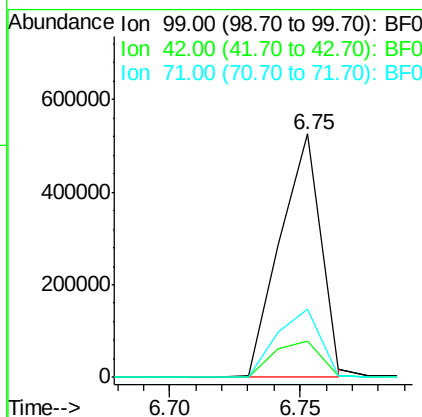
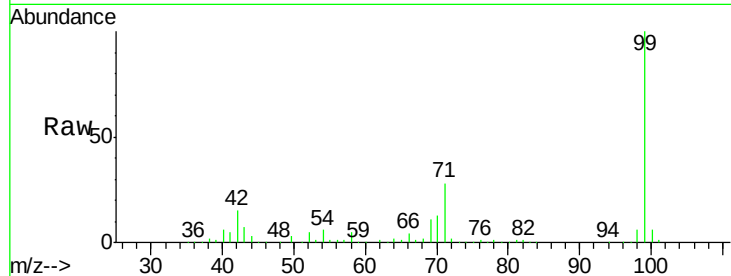
ClientSampleId :

SR-1

Tot Ion:	99	Resp:	572604
Ion Ratio	Lower	Upper	
99	100		
42	14.7	17.1	25.7#
71	28.3	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

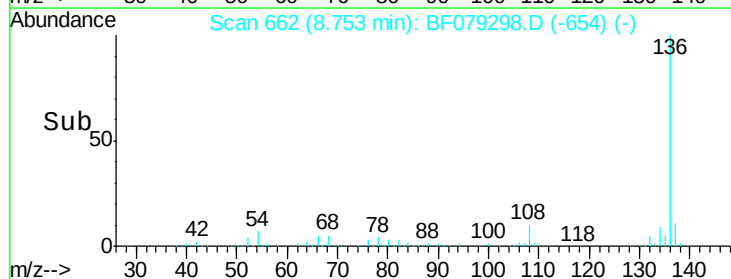
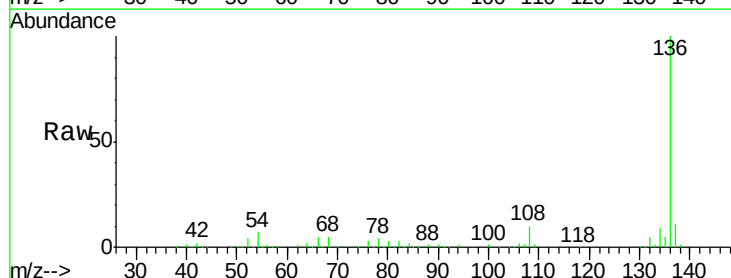
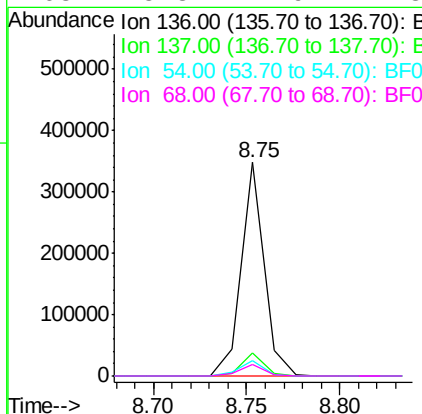
RT: 8.75 min Scan# 662

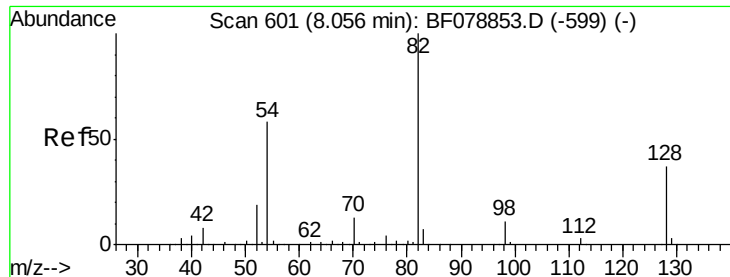
Delta R.T. 0.00 min

Lab File: BF079298.D

Acq: 16 May 2015 7:14

Tgt Ion:	136	Resp:	299894
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	7.3	6.9	10.3
68	5.3	4.9	7.3





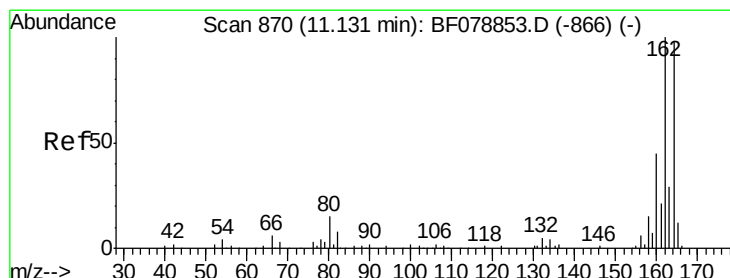
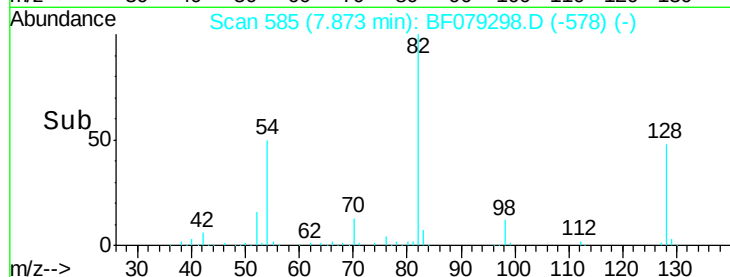
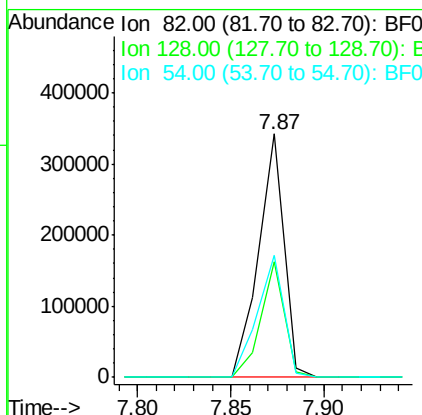
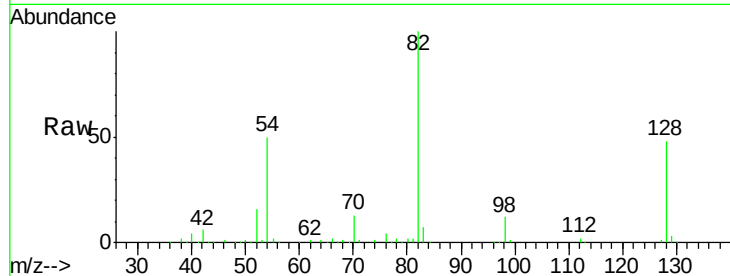
#23
 Nitrobenzene-d5
 Concen: 61.75 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Instrument :
 BNA_F
 ClientSampled :
 SR-1

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

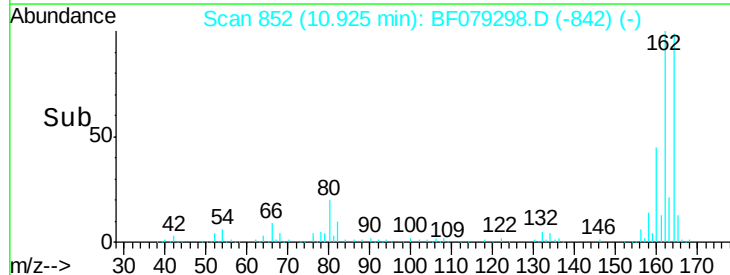
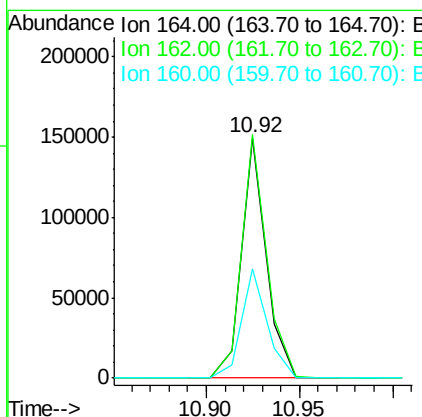
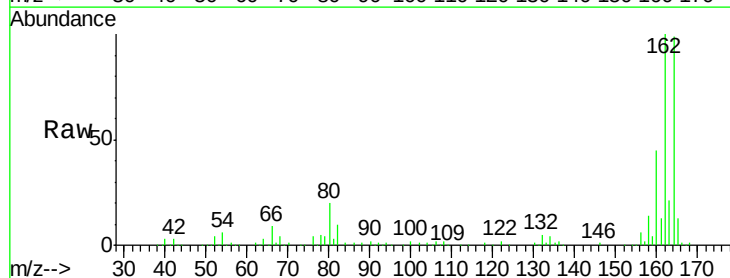
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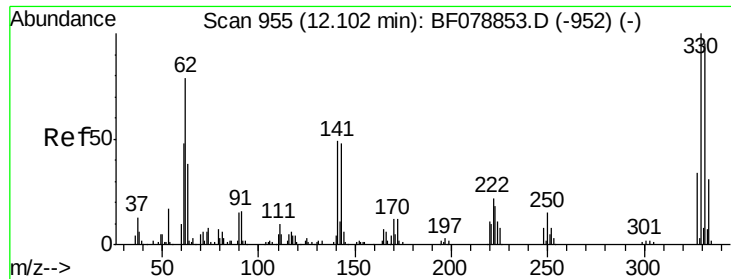
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.4	122.0	
160	45.7	36.6	54.8	





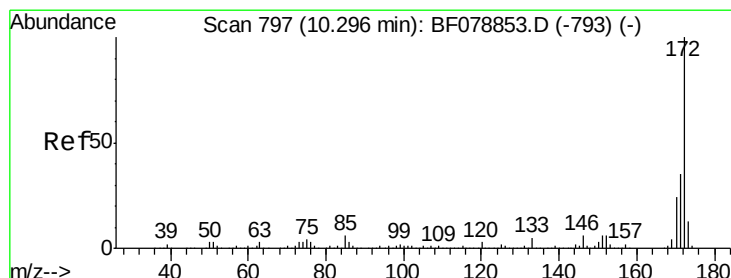
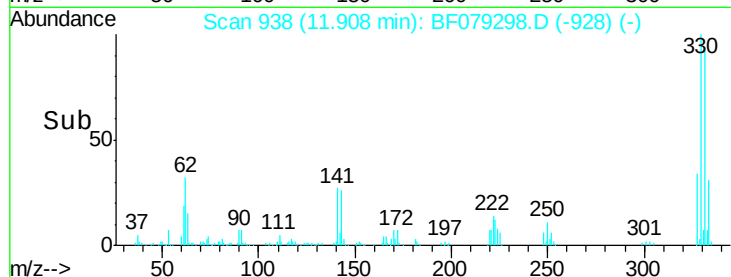
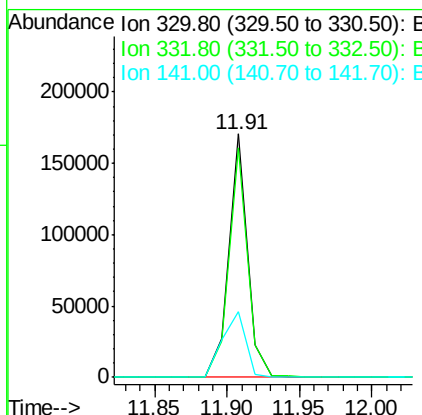
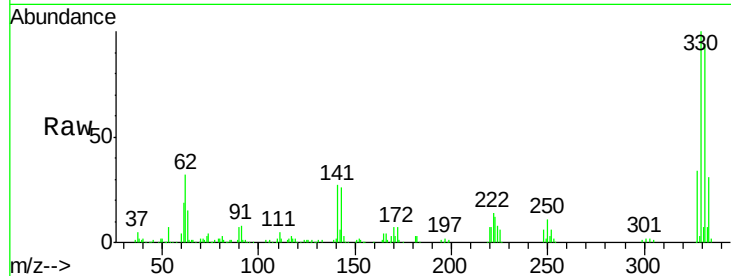
#41
 2,4,6-Tribromophenol
 Concen: 103.37 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Instrument :
 BNA_F
 ClientSampled :
 SR-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	153427		
332	95.0	76.9	115.3	
141	34.2	27.8	41.8	

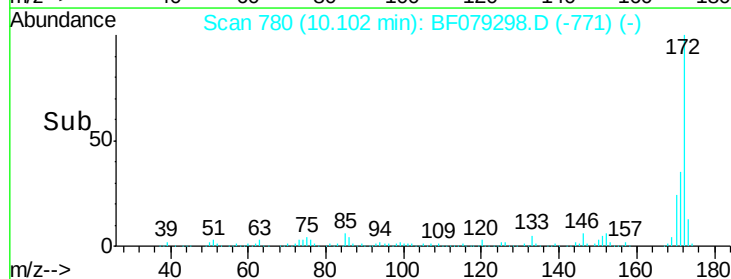
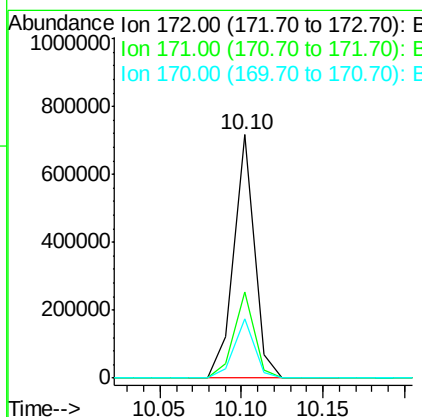
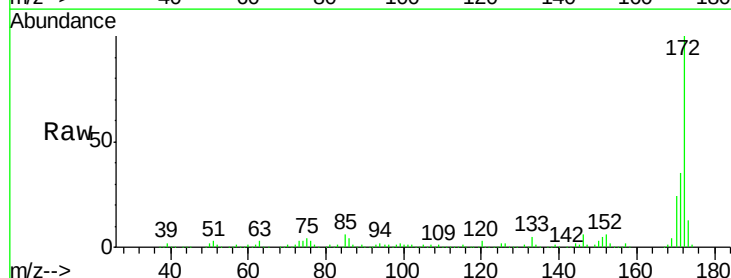
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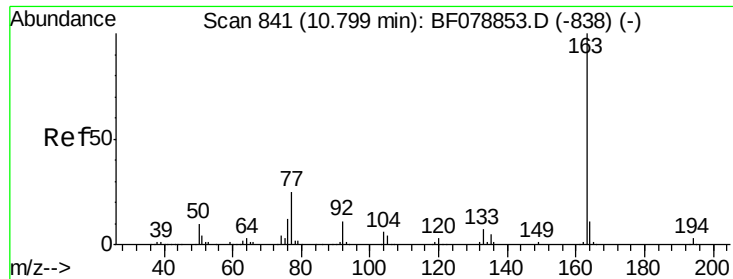
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#44
 2-Fluorobiphenyl
 Concen: 63.44 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	624739		
171	35.3	28.3	42.5	
170	24.4	19.4	29.2	





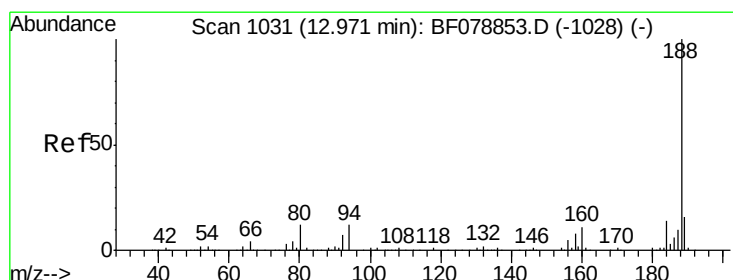
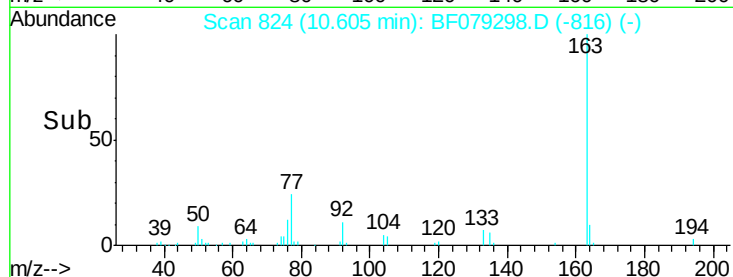
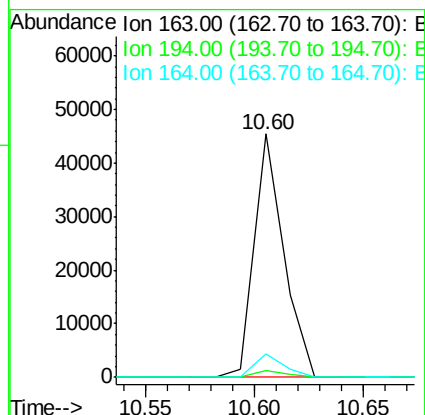
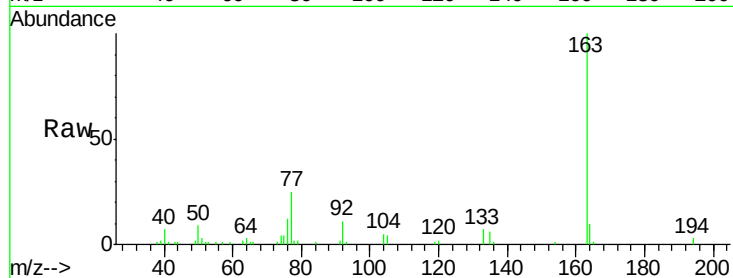
#49
Dimethylphthalate
Concen: 4.24 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.4	3.6
164	9.8	8.6	12.8

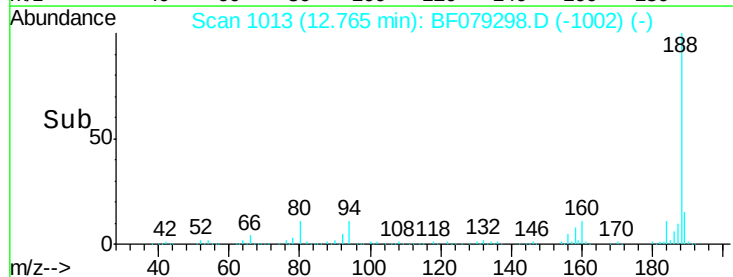
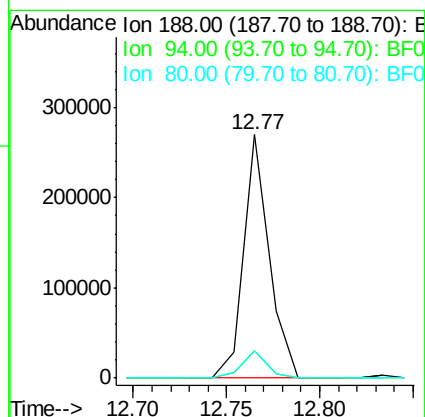
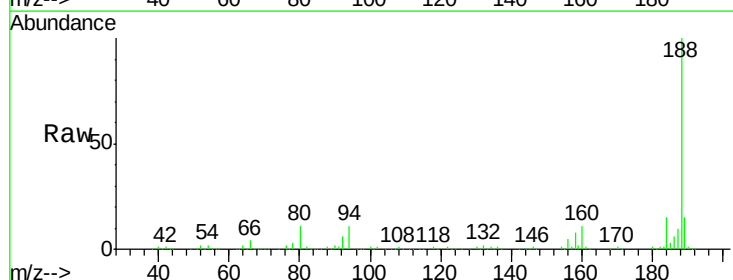
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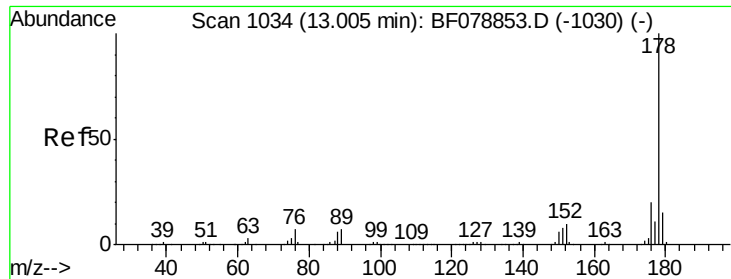
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	9.4	14.0
80	11.3	9.8	14.6





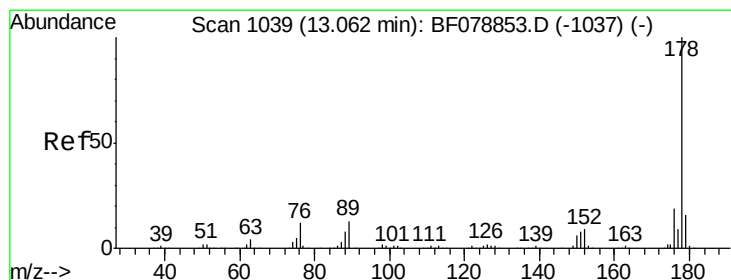
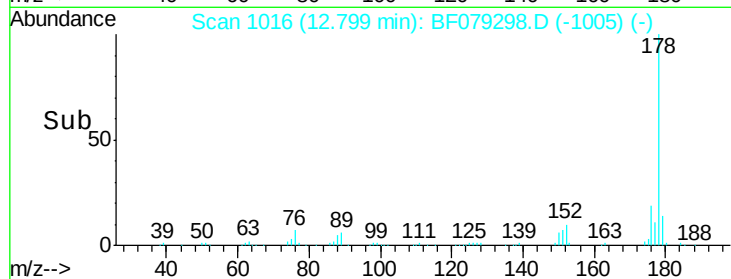
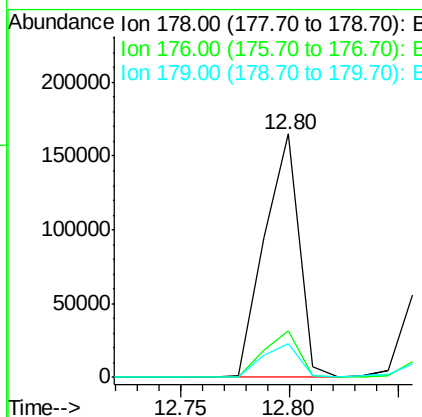
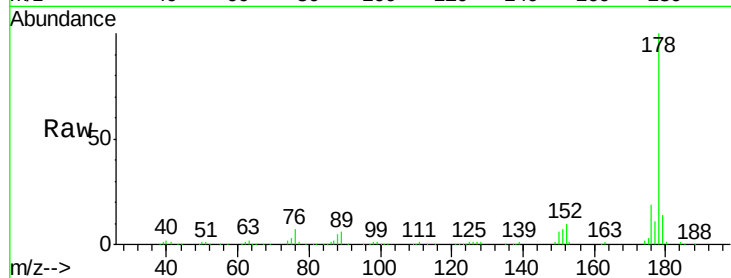
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Phenanthrene
Concen: 12.82 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampled :
SR-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	14.0	12.2	18.4

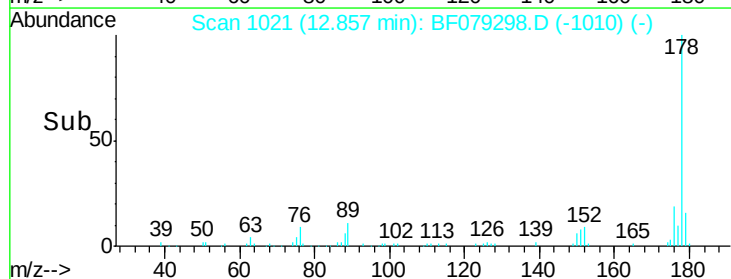
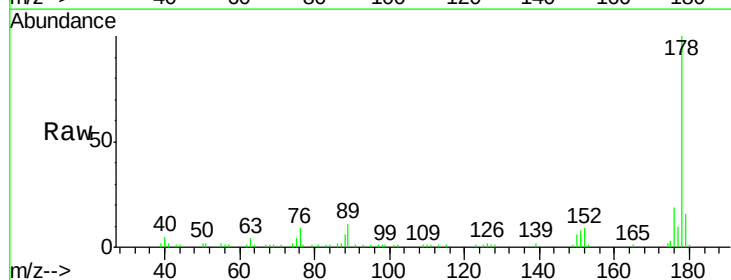
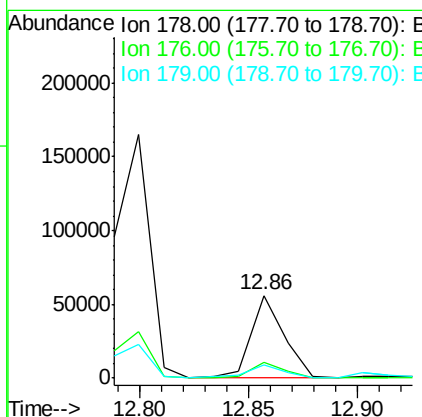
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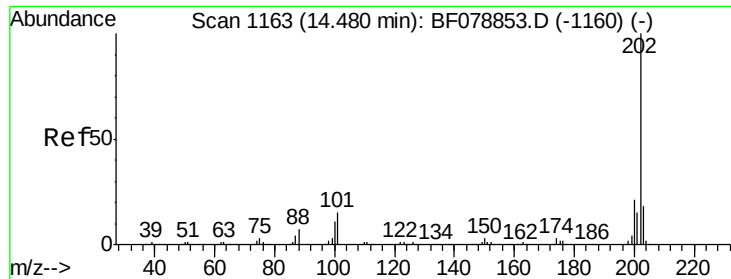
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#71
Anthracene
Concen: 4.12 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.2	12.6	19.0





#74

Fluoranthene

Concen: 24.24 ng

RT: 14.27 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF079298.D

Acq: 16 May 2015 7:14

Instrument :

BNA_F

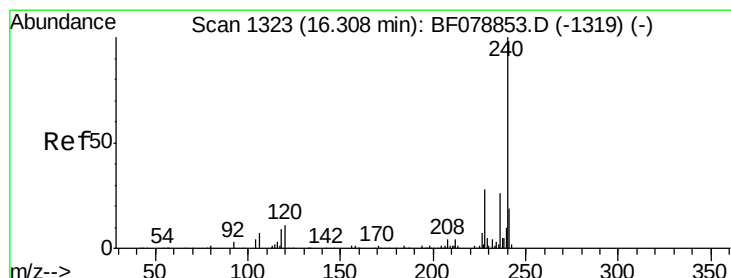
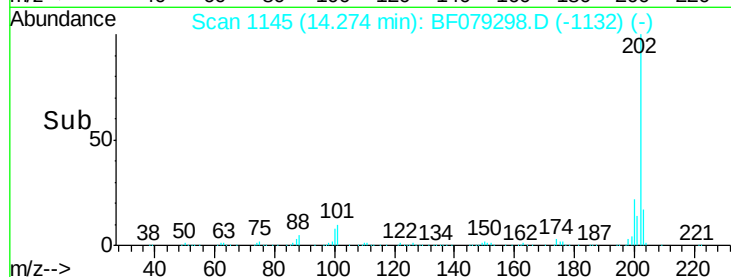
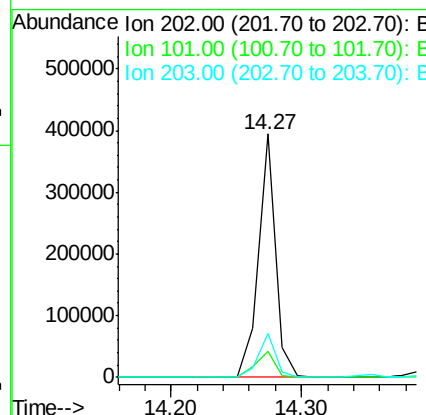
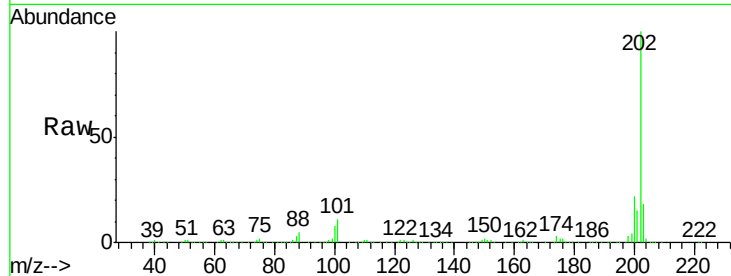
ClientSampled :

SR-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		363996		
101	10.6	0.0	34.7		
203	17.8	0.0	37.9		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

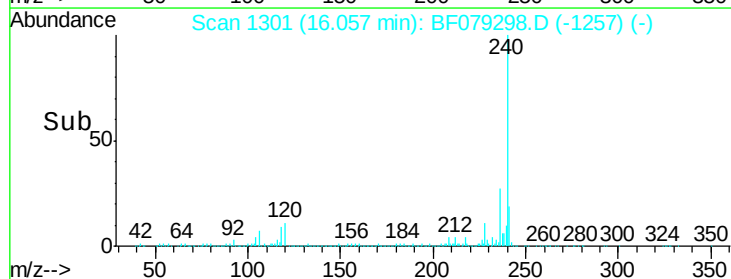
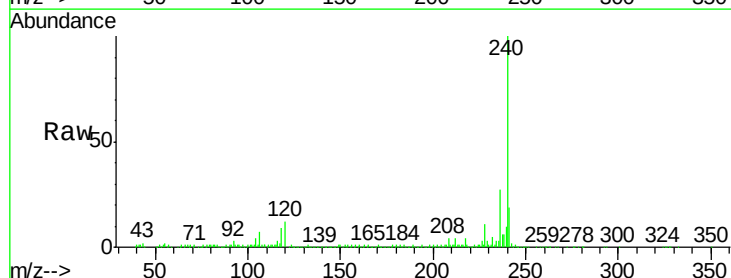
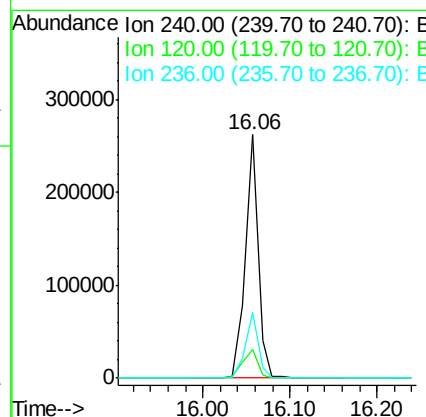
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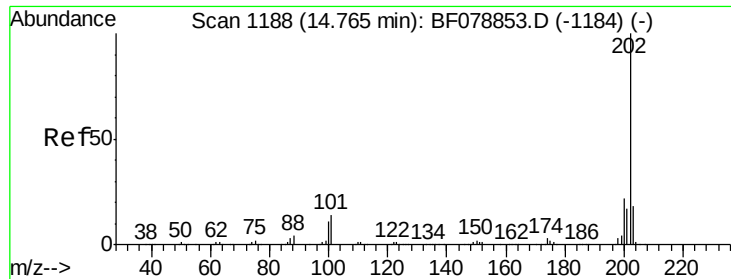
Delta R.T. 0.00 min

Lab File: BF079298.D

Acq: 16 May 2015 7:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		268366		
120	11.6	8.6	12.8		
236	26.8	21.0	31.6		





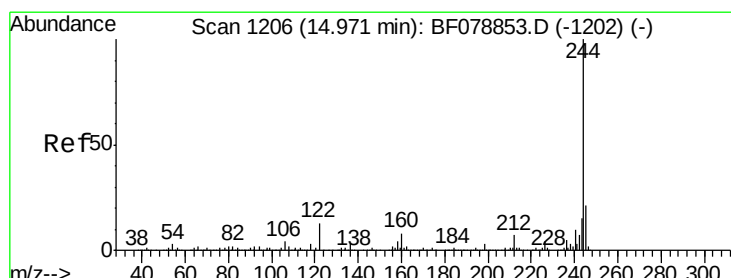
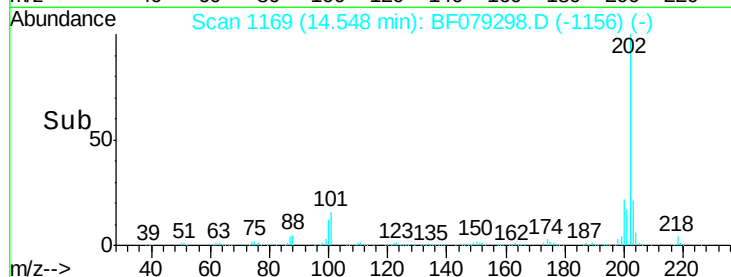
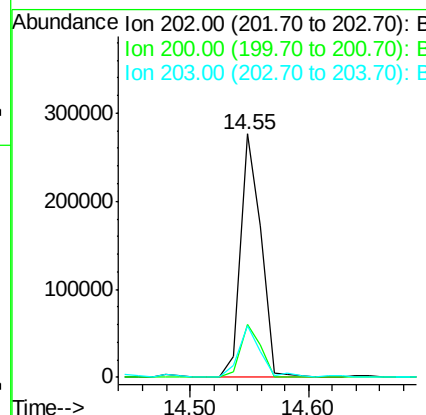
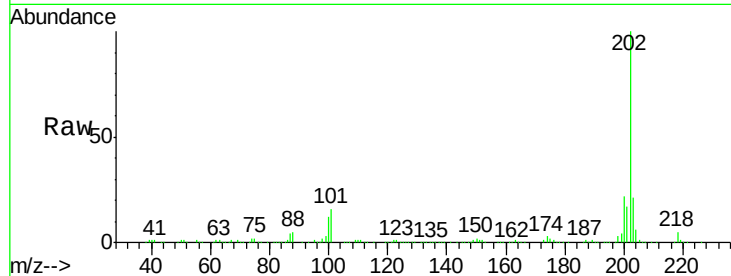
#77
Pvrene
Concen: 21.34 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.5	26.3
203	21.4	14.7	22.1

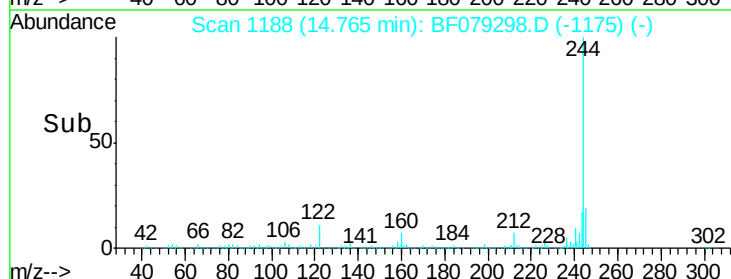
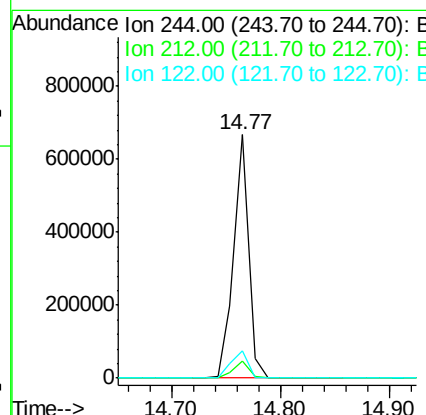
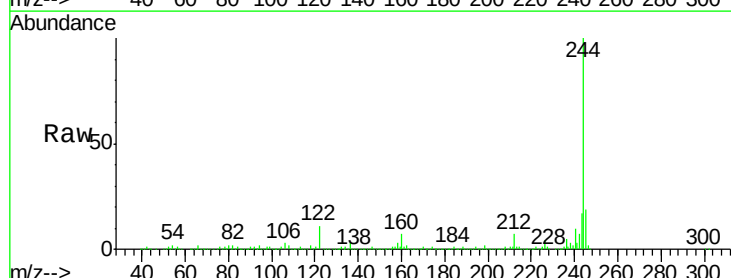
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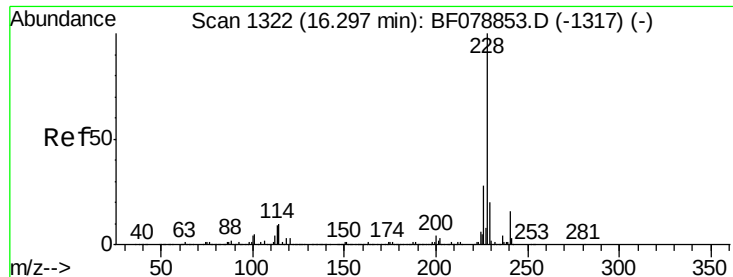
apatel
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#78
Terphenyl-d14
Concen: 56.77 ng
RT: 14.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.2	10.5	15.7





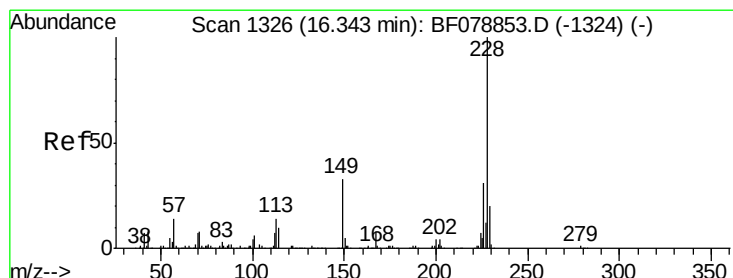
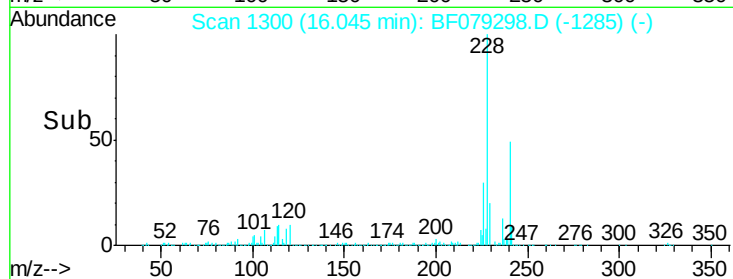
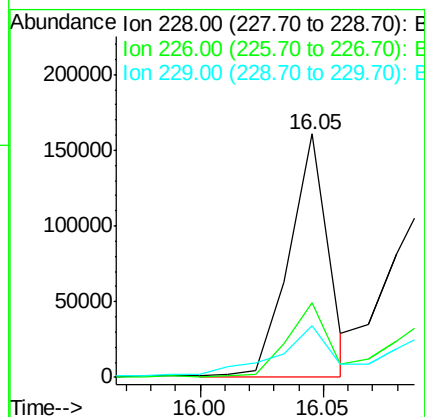
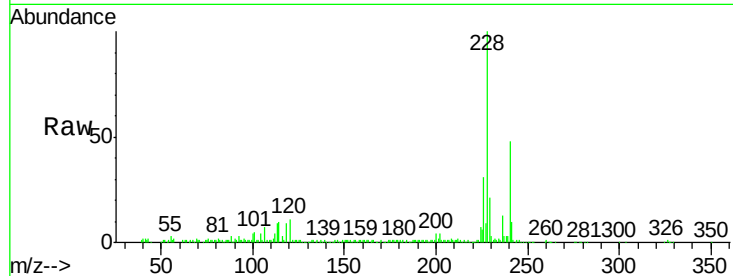
#80
Benzo(a)anthracene
Concen: 12.05 ng m
RT: 16.05 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tot Ion:	228	Resp:	177130
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.3	33.5
229	21.0	16.1	24.1

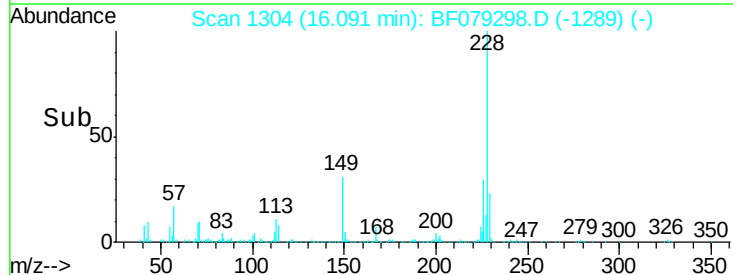
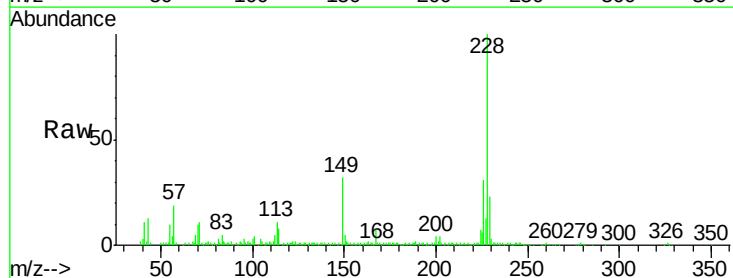
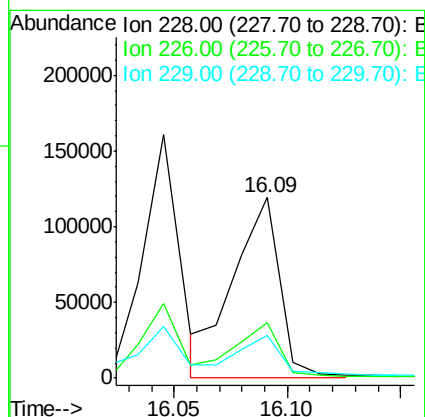
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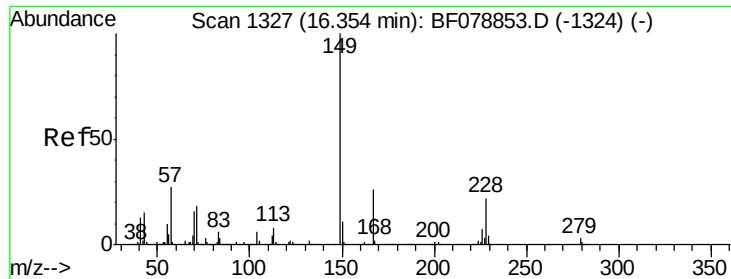
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#82
Chrysene
Concen: 12.15 ng m
RT: 16.09 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:	228	Resp:	171722
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.8	37.2
229	23.3	16.1	24.1





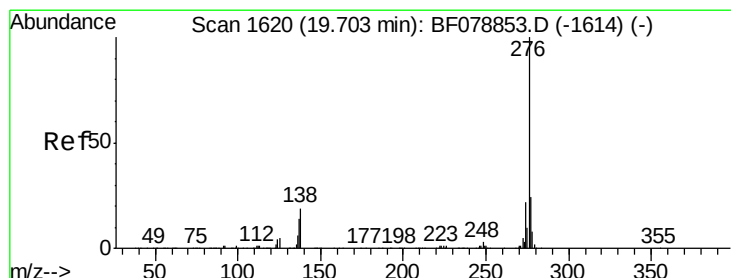
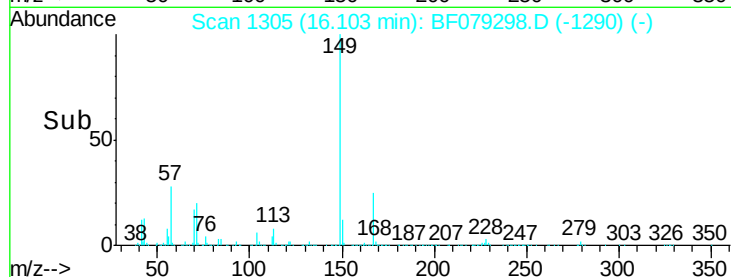
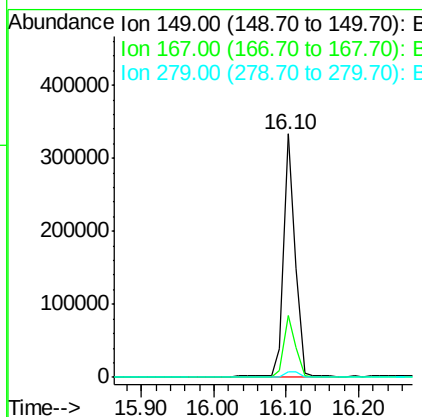
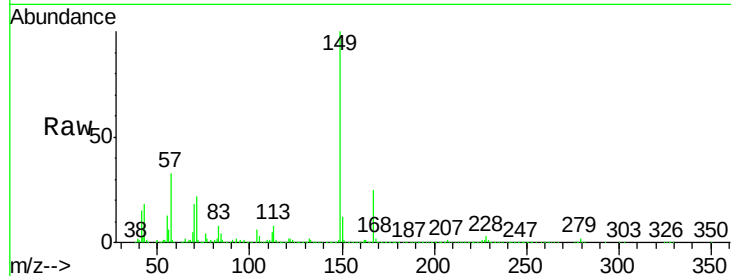
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.45 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Instrument :
 BNA_F
 ClientSampled :
 SR-1

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.2	21.2	31.8
279	2.4	2.6	4.0

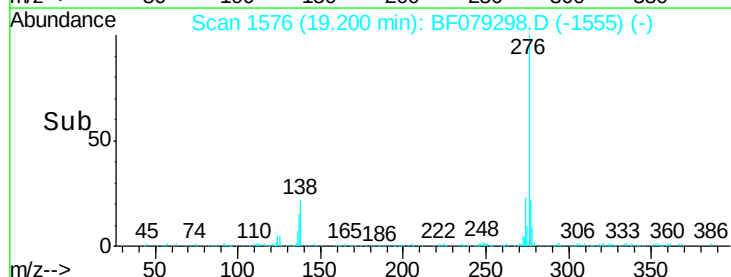
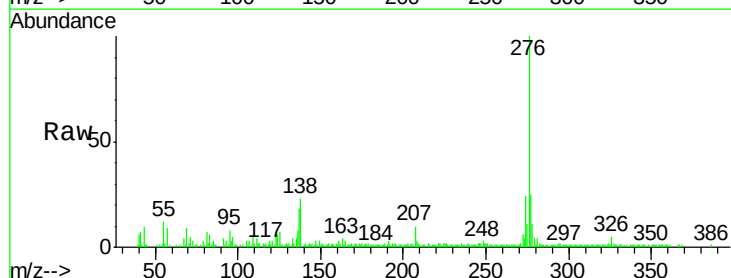
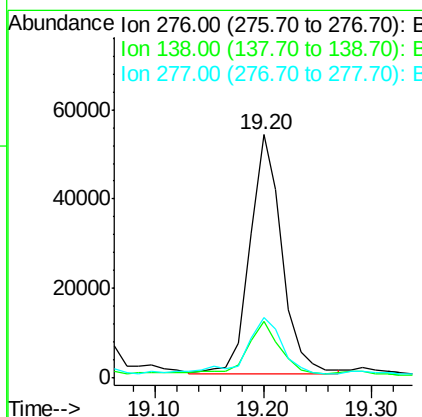
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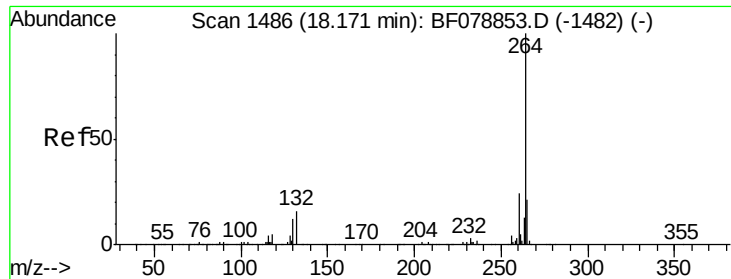
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.06 ng
 RT: 19.20 min Scan# 1576
 Delta R.T. 0.03 min
 Lab File: BF079298.D
 Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.5	21.1	31.7
277	28.1	19.9	29.9





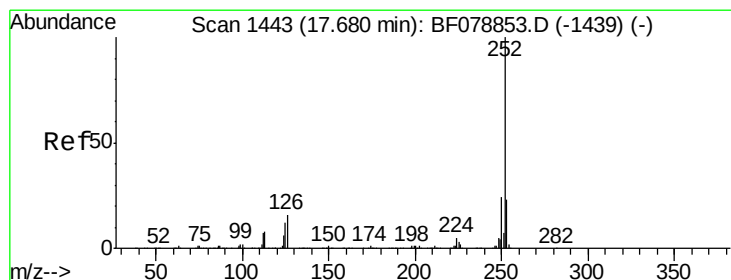
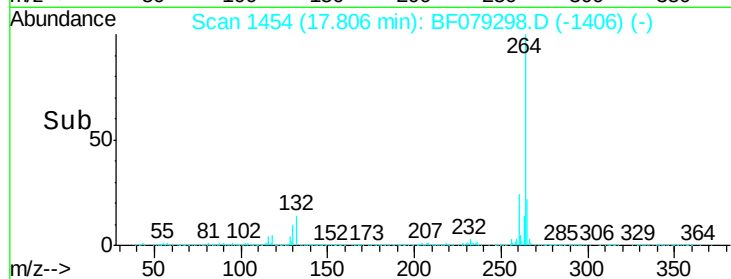
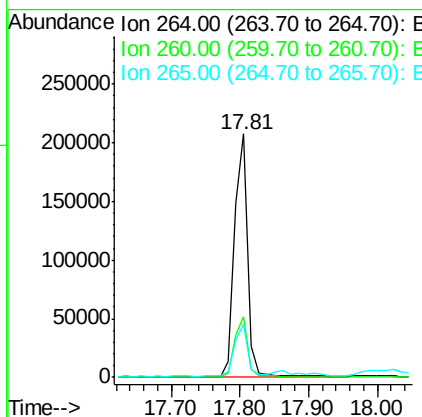
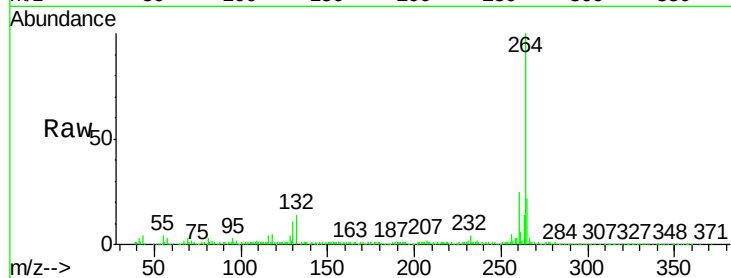
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.05 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampled :
SR-1

Tot Ion:	264	Resp:	279893
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.2	25.8

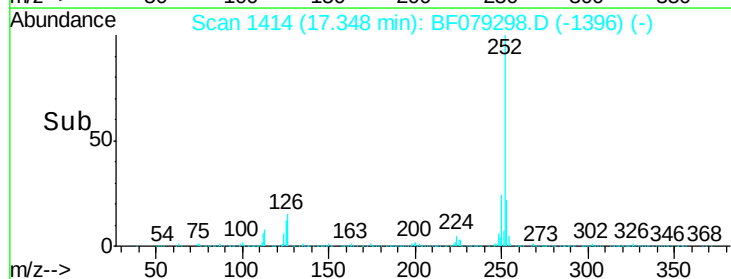
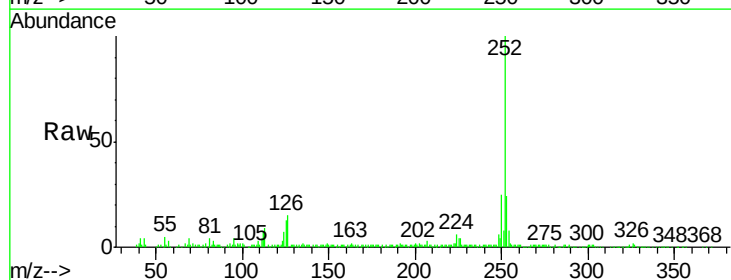
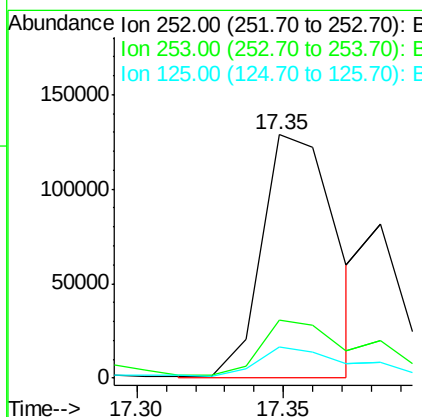
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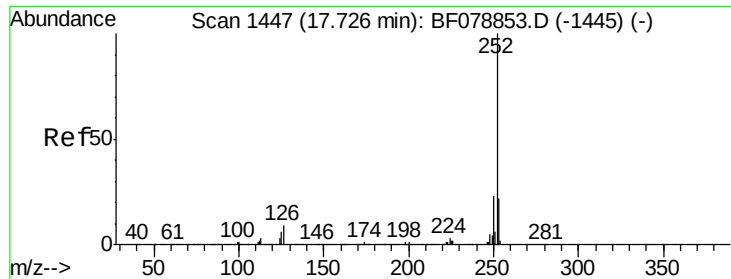
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#87
Benzo(b)fluoranthene
Concen: 14.88 ng m
RT: 17.35 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion:	252	Resp:	227968
Ion Ratio		Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.9	9.4	14.2





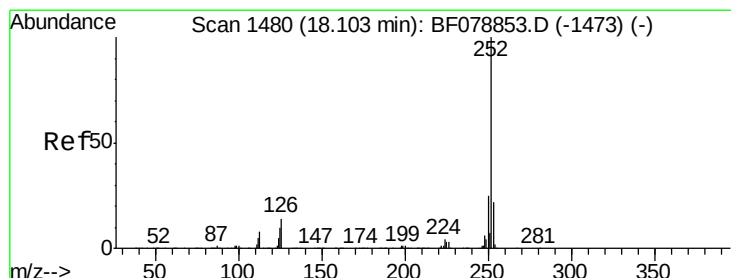
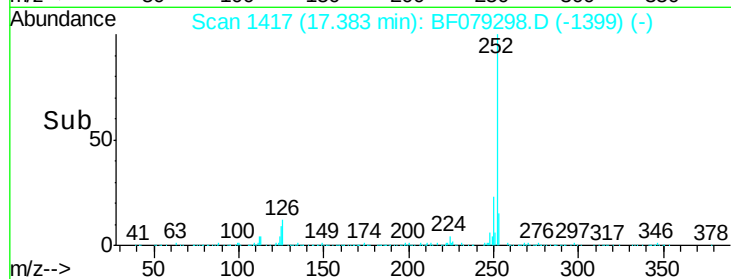
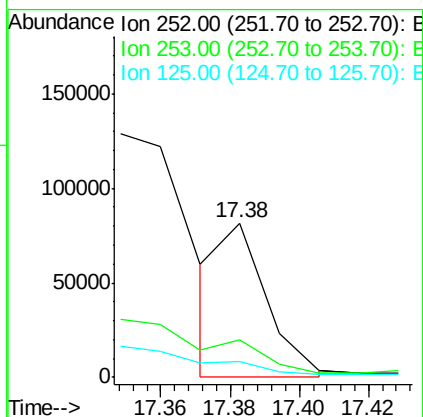
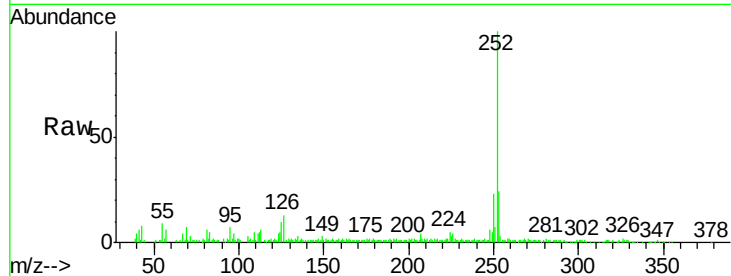
#88
Benzo(k)fluoranthene
Concen: 5.01 ng m
RT: 17.38 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
SR-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	10.4	6.1	9.1

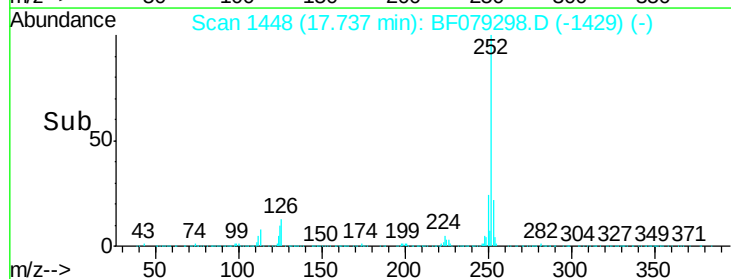
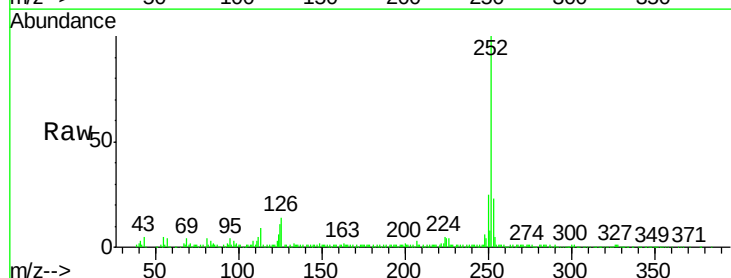
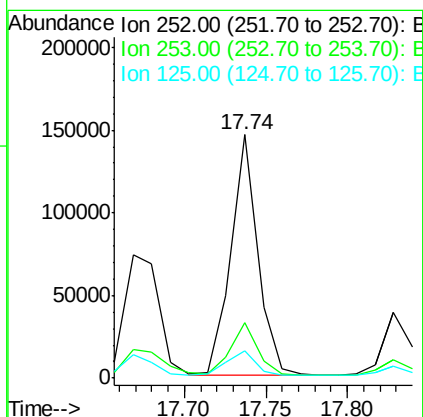
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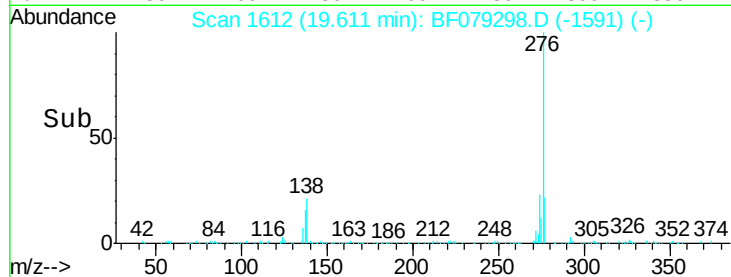
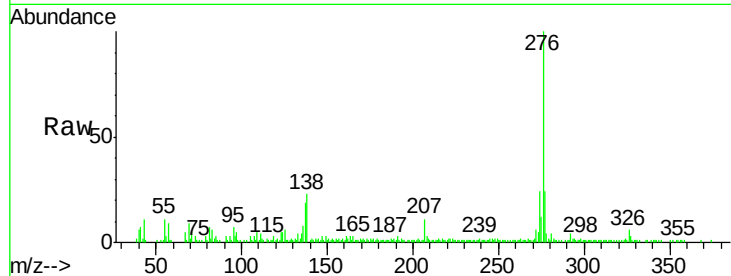
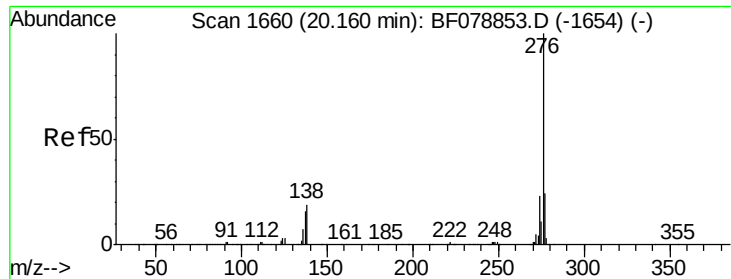
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#89
Benzo(a)pyrene
Concen: 11.79 ng
RT: 17.74 min Scan# 1448
Delta R.T. 0.03 min
Lab File: BF079298.D
Acq: 16 May 2015 7:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.0	8.2	12.2





#91

Benzo(a,h,i)perylene

Concen: 6.71 ng

RT: 19.61 min Scan# 1612

Delta R.T. 0.03 min

Lab File: BF079298.D

Acq: 16 May 2015 7:14

Instrument :

BNA_F

ClientSampleId :

SR-1

Tot Ion:	276	Resp:	100884
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	23.0	15.2	22.8

Manual Integrations
APPROVED

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