

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079153.D
 Acq On : 12 May 2015 10:57
 Operator : TP/IZ
 Sample : G2176-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-26(3-5)

Manual Integrations
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Quant Time: May 12 15:55:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:22:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	61045	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	249769	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	122310	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	236527	20.00	ng	0.01
75) Chrysene-d12	16.22	240	246944	20.00	ng	0.02
86) Perylene-d12	18.07	264	232984	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	292612	82.51	ng	0.00
7) Phenol-d6	6.87	99	535508	114.24	ng	0.01
23) Nitrobenzene-d5	7.99	82	290122	66.76	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	103541	78.25	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	482101	54.92	ng	0.00
78) Terphenyl-d14	14.90	244	507226	49.18	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.73	163	30099	3.35	ng	Qvalue 100
70) Phenanthrene	12.93	178	110938	8.38	ng	98
71) Anthracene	12.99	178	26834	2.07	ng	99
74) Fluoranthene	14.41	202	137927	10.00	ng	94
77) Pyrene	14.69	202	130300	9.16	ng	96
80) Benzo(a)anthracene	16.21	228	59034	4.37	ng	97
82) Chrysene	16.25	228	49335	3.79	ng	97
83) Bis(2-ethylhexyl)phthalate	16.26	149	39378	4.18	ng	97
87) Benzo(b)fluoranthene	17.59	252	58768m	4.61	ng	
89) Benzo(a)pyrene	18.00	252	43883	3.74	ng	# 6
91) Benzo(g,h,i)perylene	20.01	276	29994	2.40	ng	# 55

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

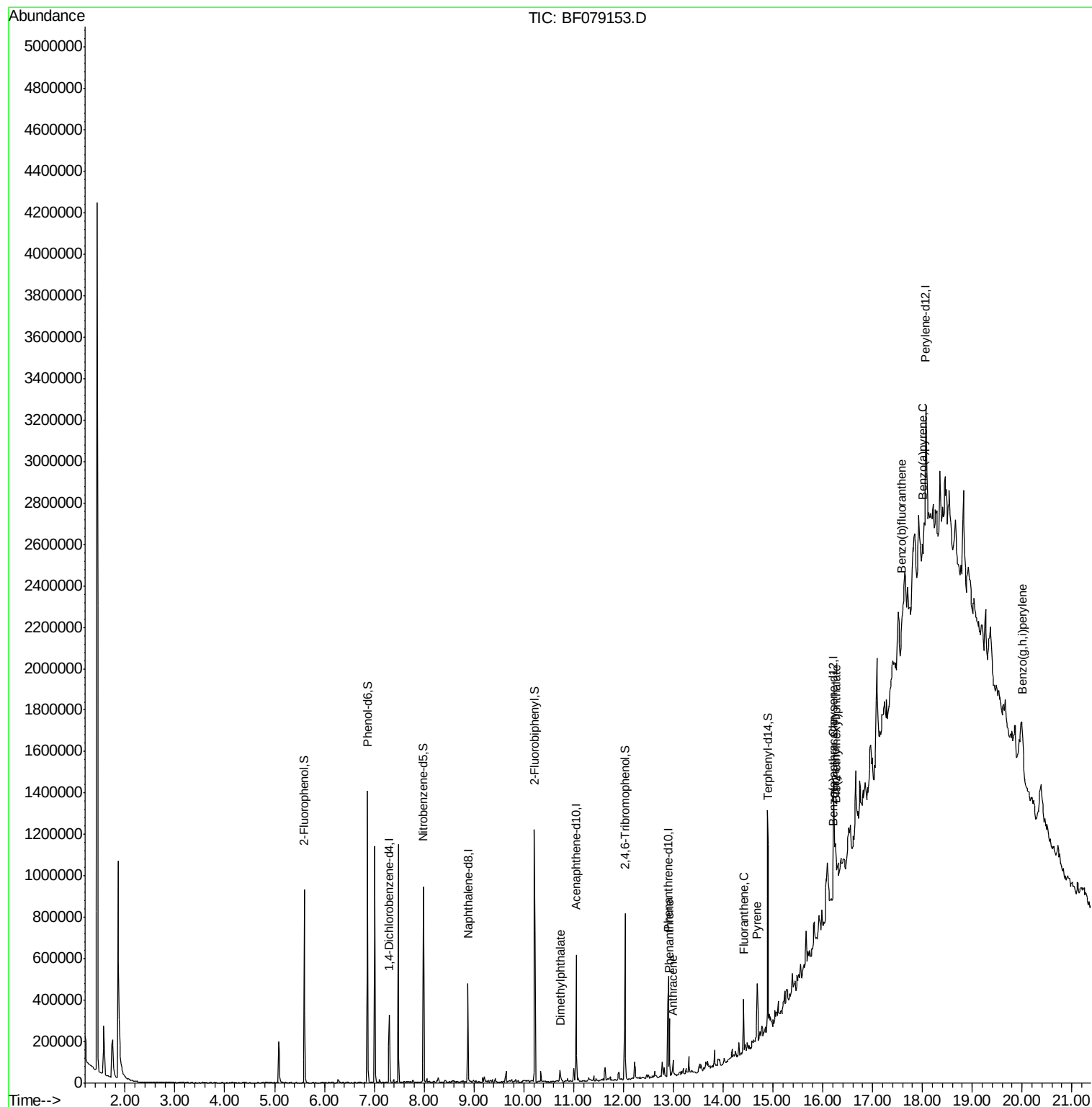
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079153.D
Acq On : 12 May 2015 10:57
Operator : TP/IZ
Sample : G2176-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

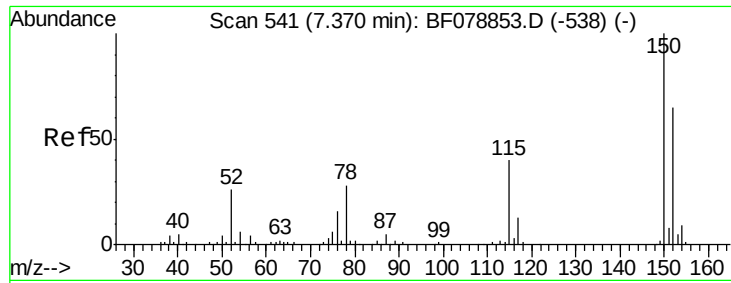
Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

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Quant Time: May 12 15:55:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

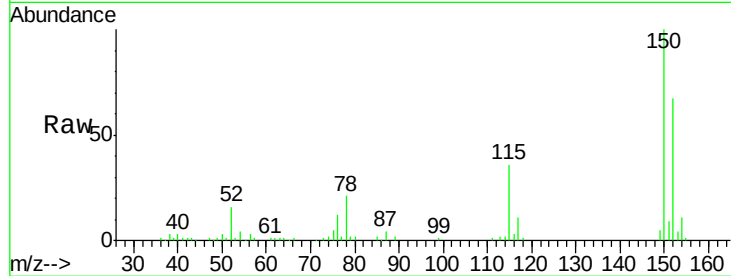
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	122.0	183.0
115	54.5	46.3	69.5

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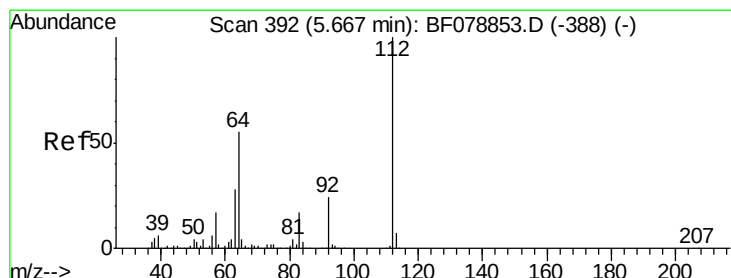
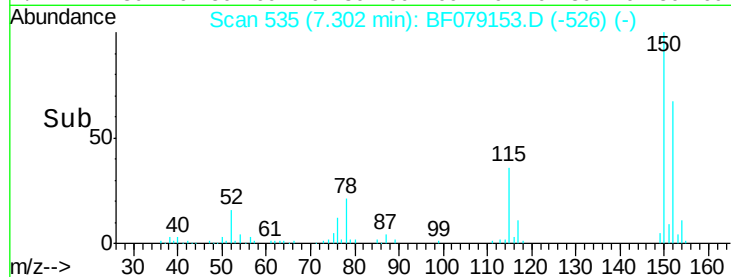
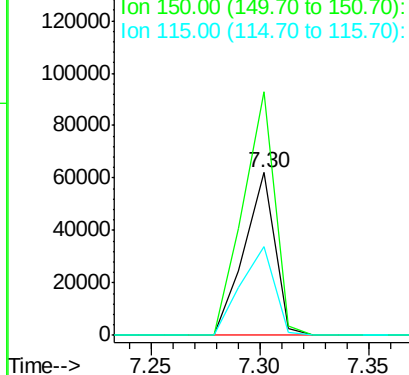


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

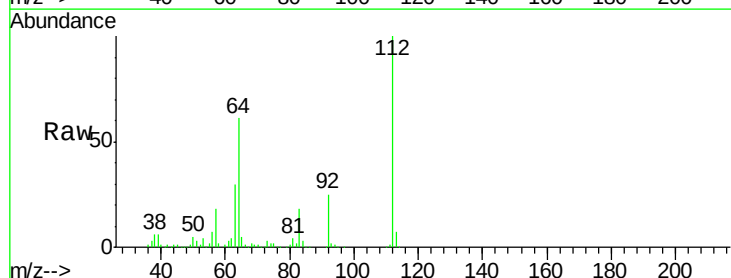
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.51 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	53.5	80.3
63	30.1	27.5	41.3

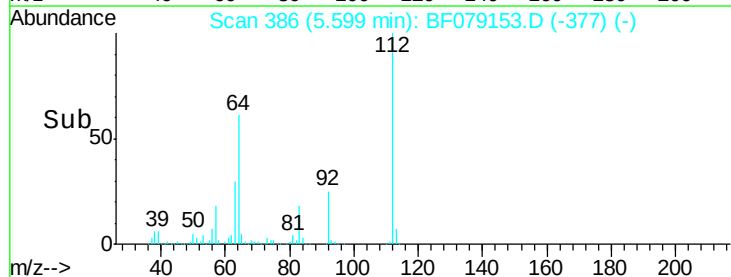
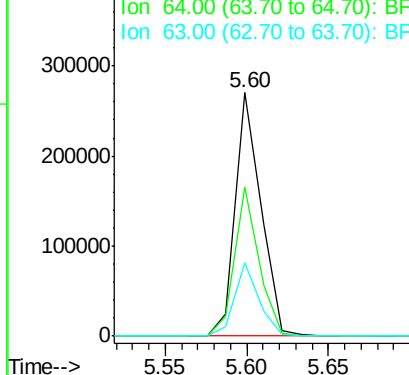


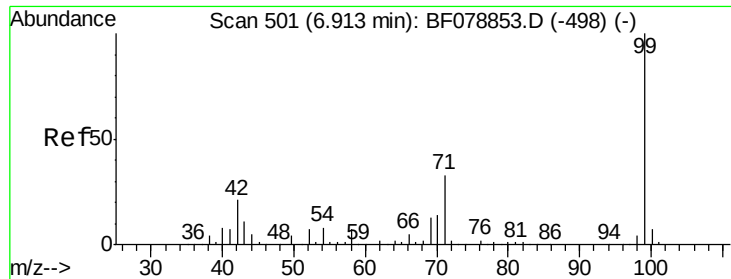
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.24 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Instrument :

BNA_F

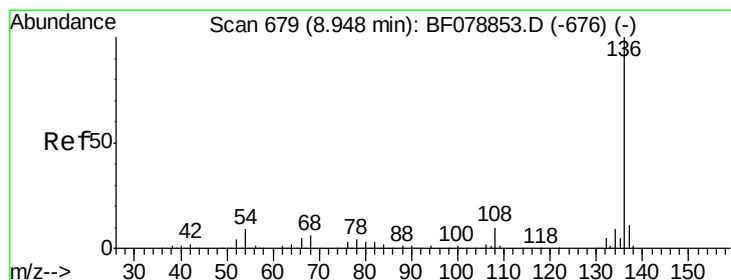
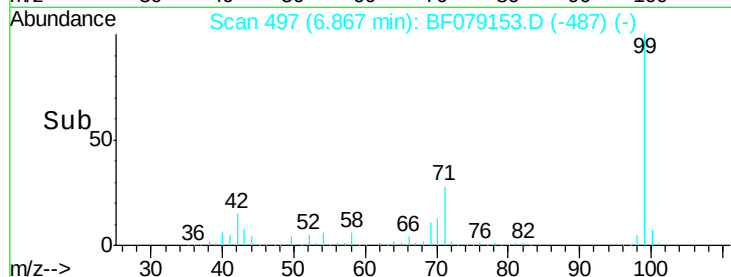
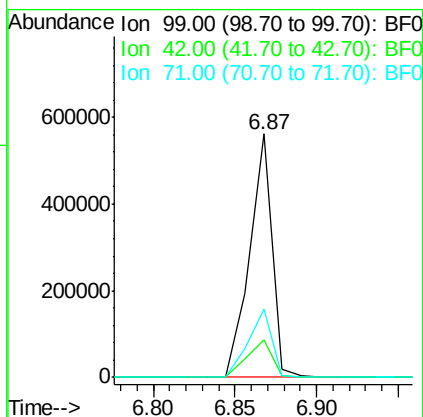
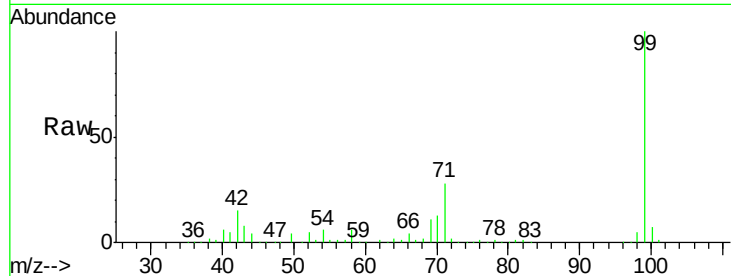
ClientSampleId :

PS-26(3-5)

Tot Ion:	99	Resp:	535508
Ion Ratio		Lower	Upper
99	100		
42	15.2	12.8	19.2
71	28.1	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

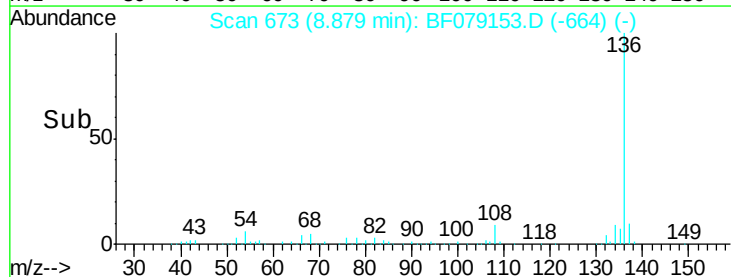
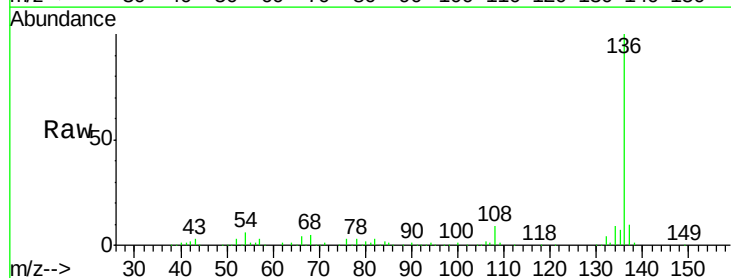
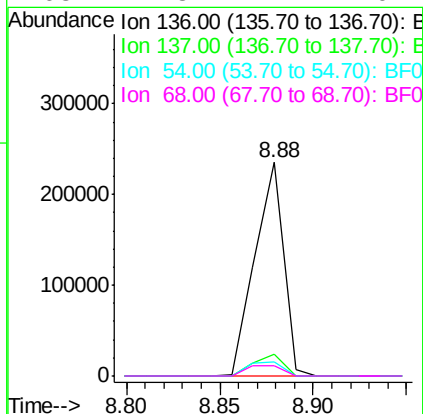
RT: 8.88 min Scan# 673

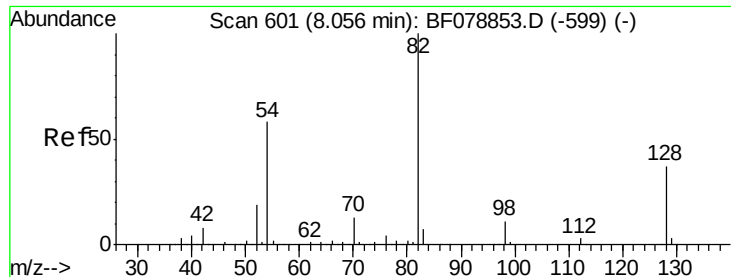
Delta R.T. -0.00 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Tgt Ion:	136	Resp:	249769
Ion Ratio		Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.3	5.8	8.8
68	4.8	4.2	6.4





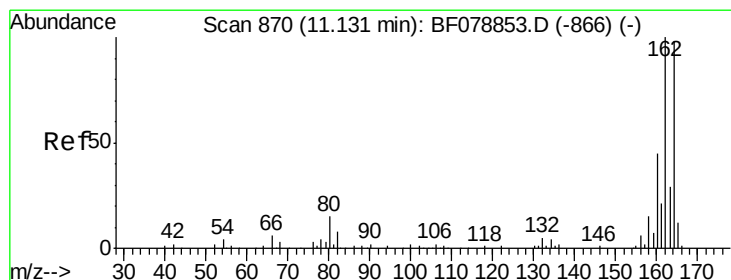
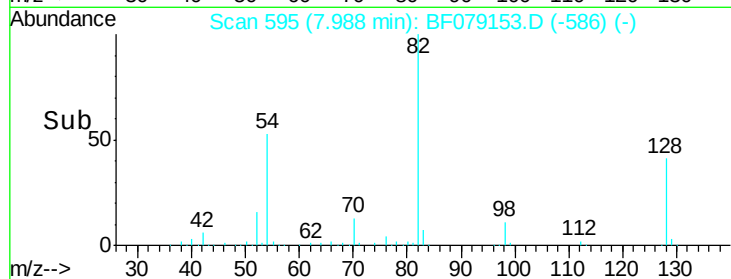
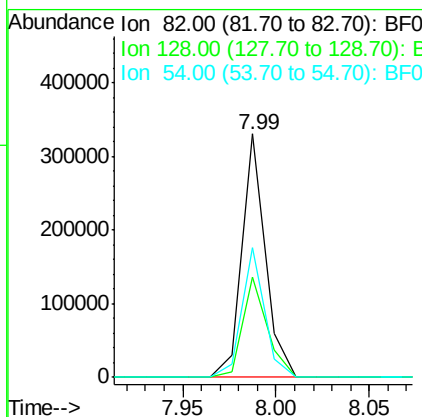
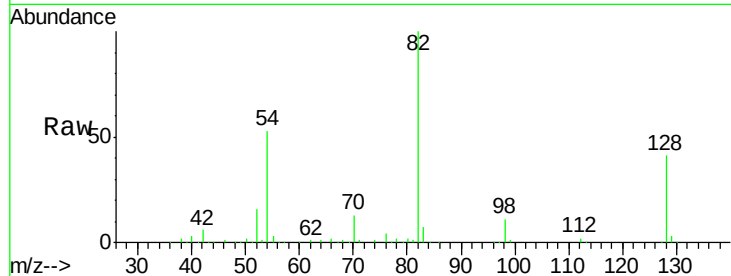
#23
 Nitrobenzene-d5
 Concen: 66.76 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079153.D
 Acq: 12 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PS-26(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	30.0	45.0	
54	53.1	46.4	69.6	

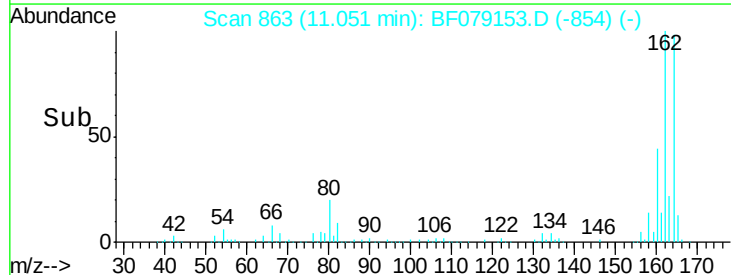
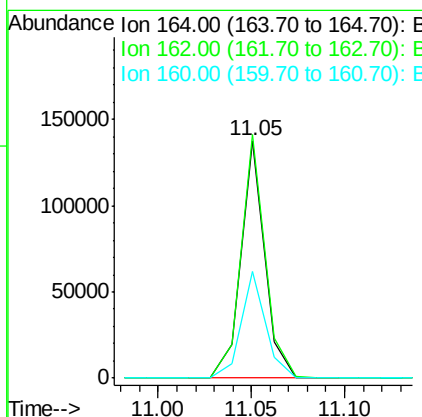
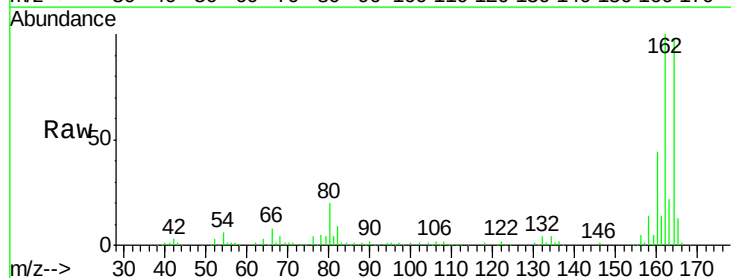
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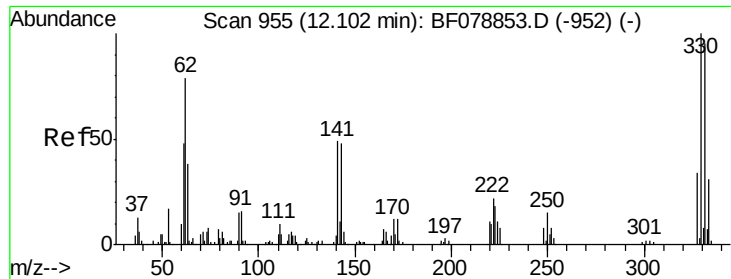
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079153.D
 Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	82.7	124.1	
160	45.1	35.8	53.8	





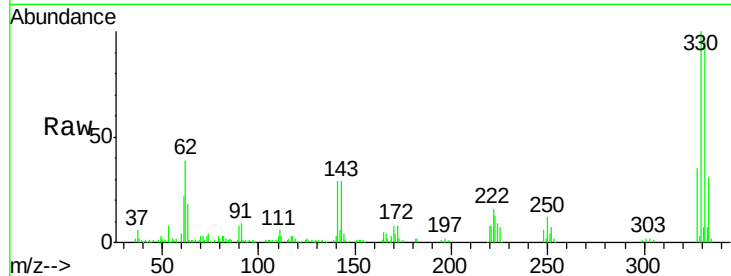
#41
 2,4,6-Tribromophenol
 Concen: 78.25 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079153.D
 Acq: 12 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PS-26(3-5)

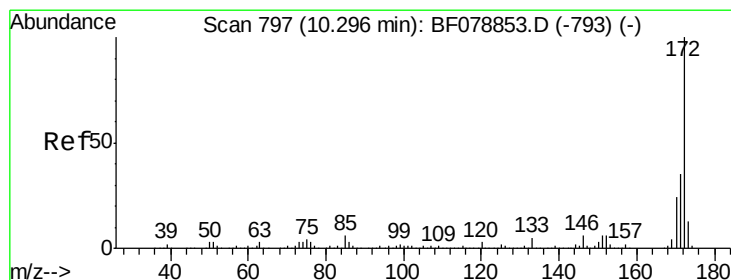
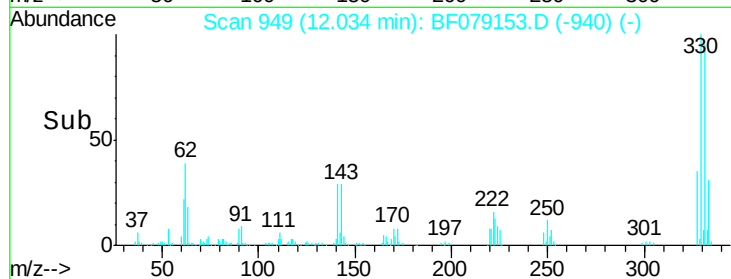
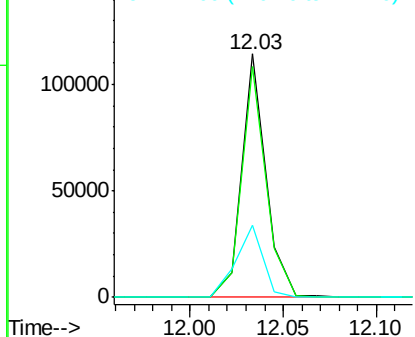
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.1	0.0	0.0#

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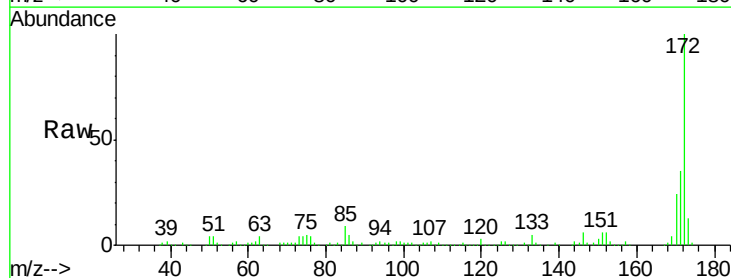


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

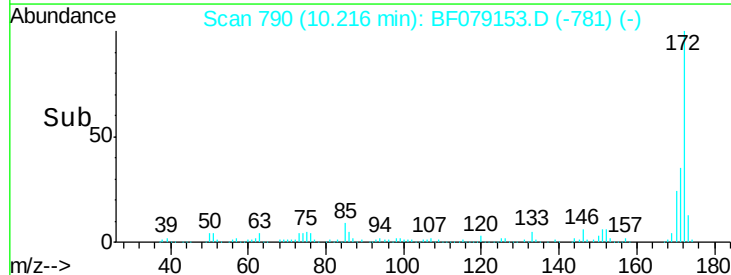
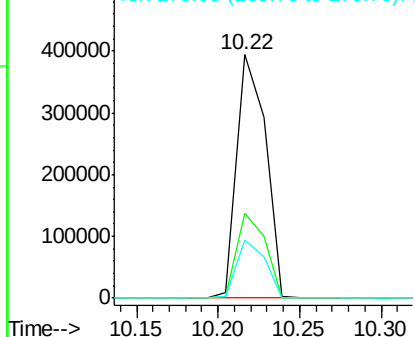


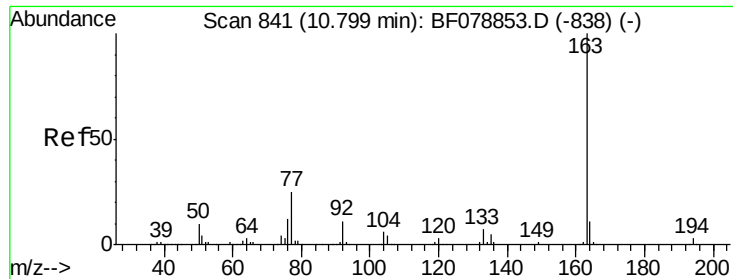
#44
 2-Fluorobiphenyl
 Concen: 54.92 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079153.D
 Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.8	19.4	29.0



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





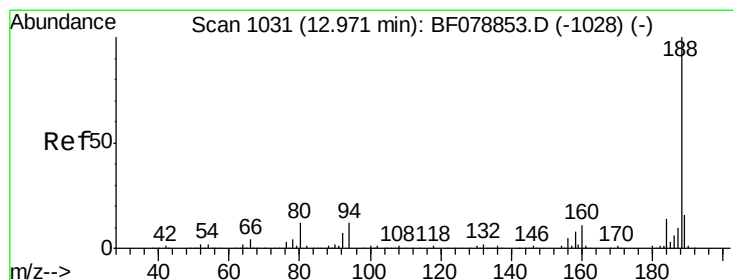
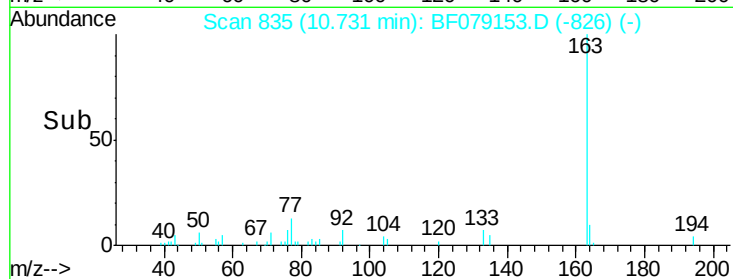
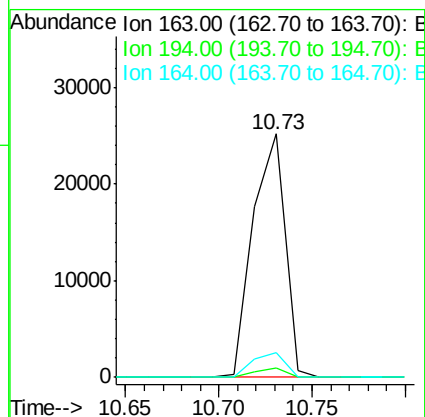
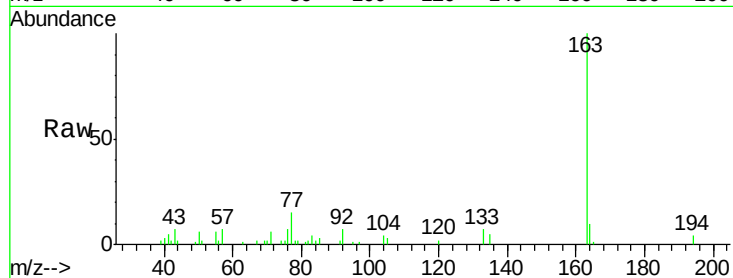
#49
Dimethylphthalate
Concen: 3.35 ng
RT: 10.73 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	30099		
194	3.6		2.6	4.0
164	10.1		8.1	12.1

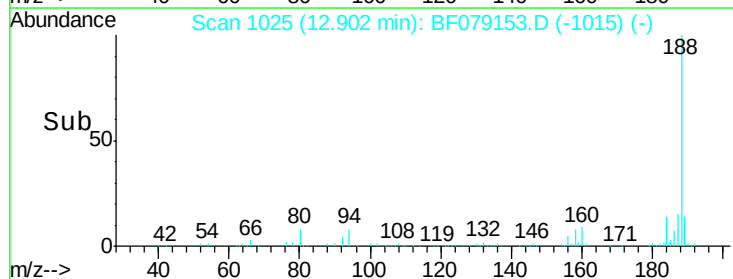
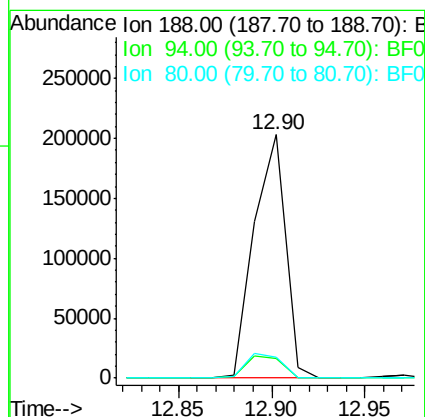
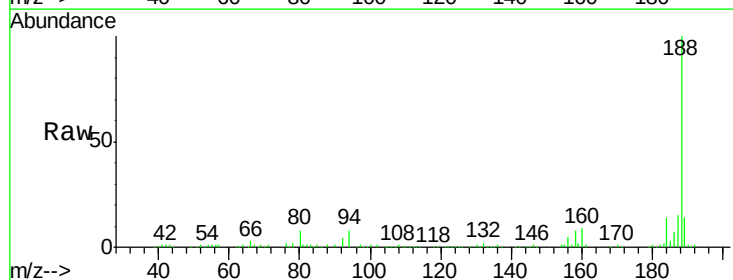
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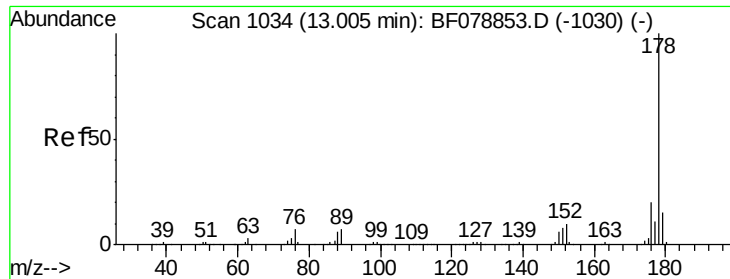
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	236527		
94	8.3		8.2	12.2
80	8.4		8.9	13.3#





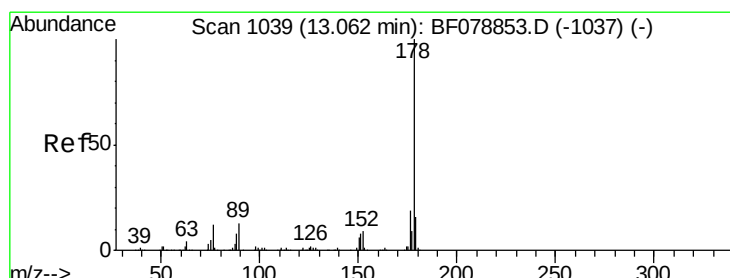
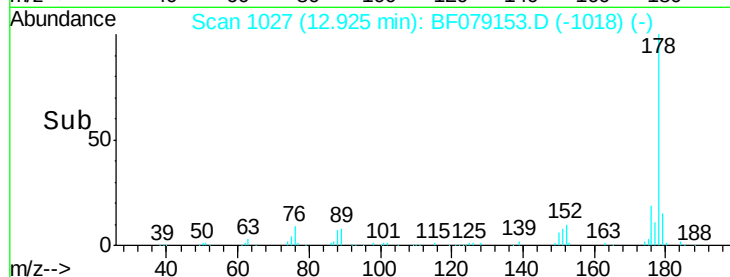
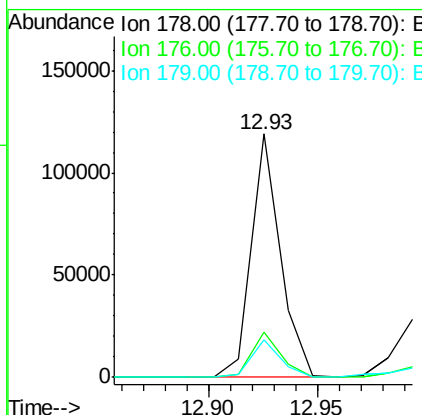
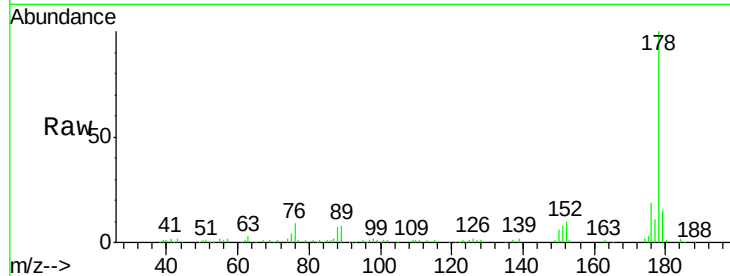
#70
Phenanthrene
Concen: 8.38 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	12.5	18.7

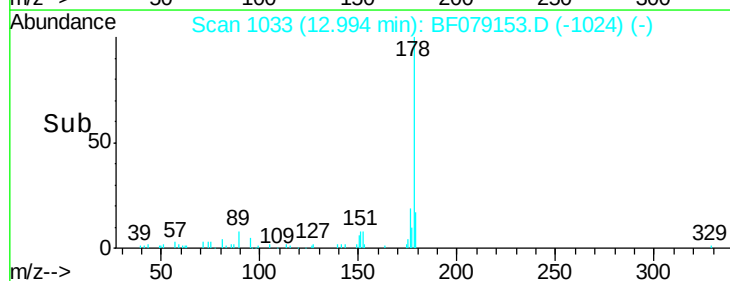
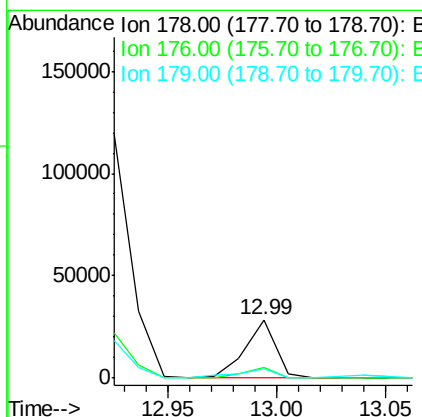
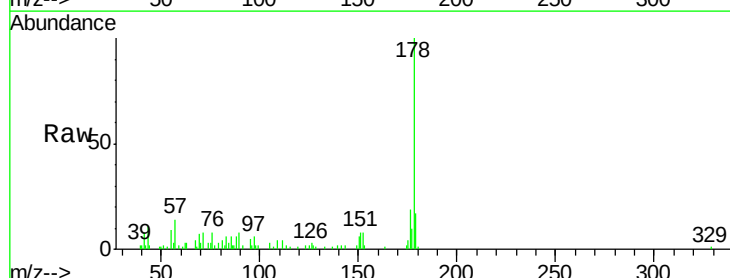
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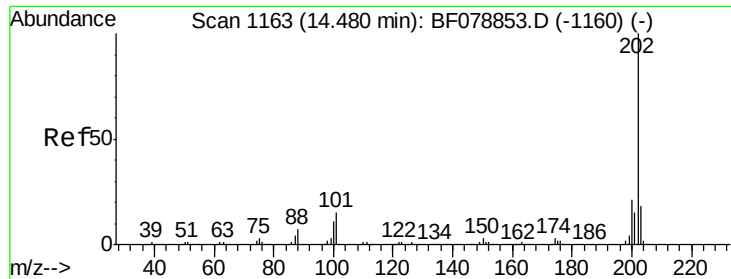
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#71
Anthracene
Concen: 2.07 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	16.6	12.7	19.1





#74

Fluoranthene

Concen: 10.00 ng

RT: 14.41 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Instrument :

BNA_F

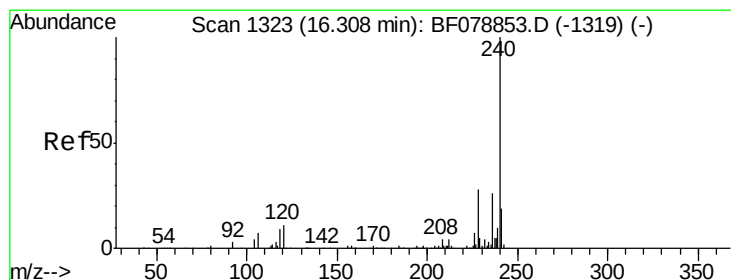
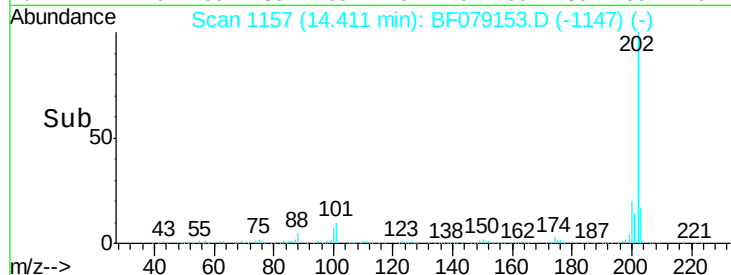
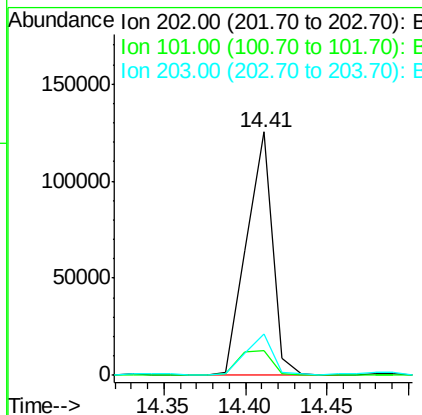
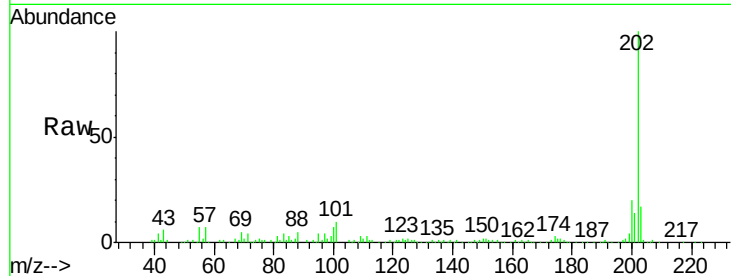
ClientSampleId :

PS-26(3-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		137927		
101	10.1	0.0	34.6		
203	17.1	0.0	38.4		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

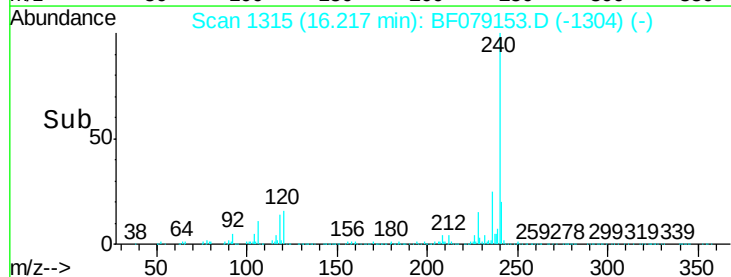
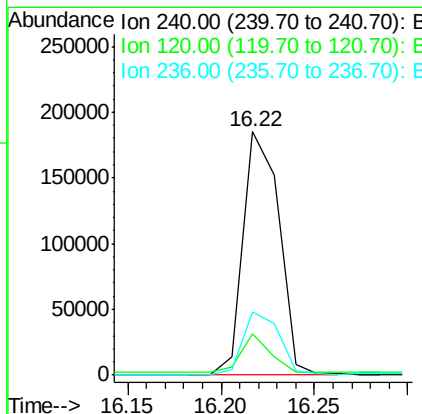
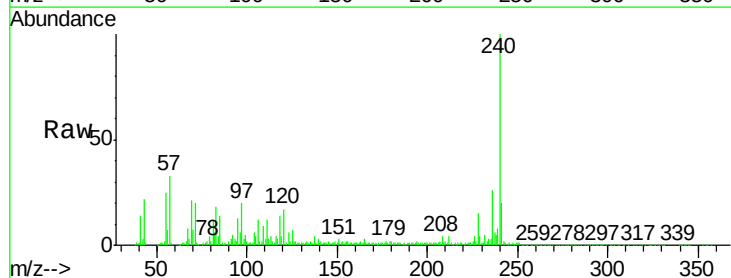
RT: 16.22 min Scan# 1315

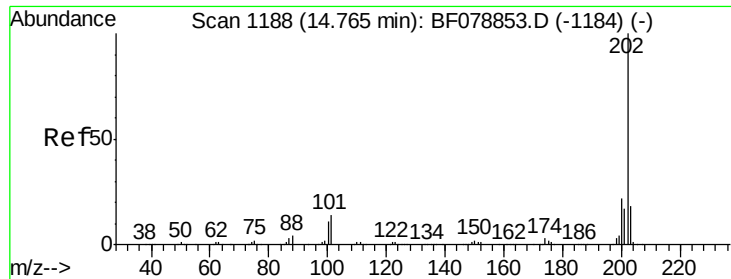
Delta R.T. 0.02 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		246944		
120	16.9	9.7	14.5#		
236	25.9	20.2	30.4		





#77

Pvrene

Concen: 9.16 ng

RT: 14.69 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Instrument :

BNA_F

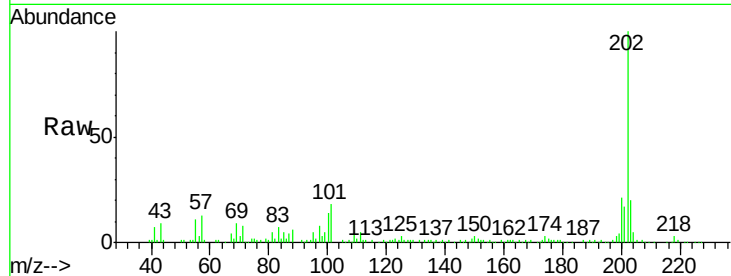
ClientSampled :

PS-26(3-5)

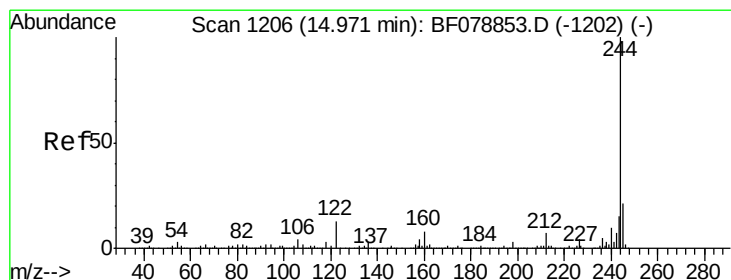
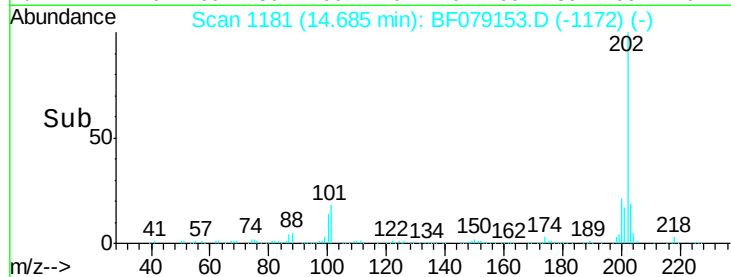
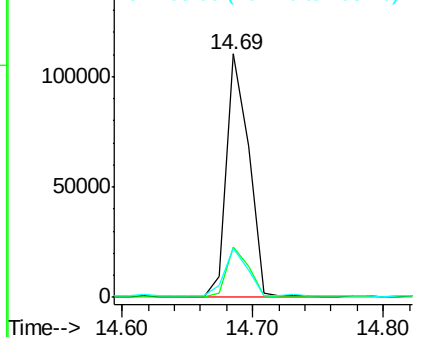
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		130300		
200	20.9		17.5	26.3	
203	20.2		13.9	20.9	

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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: 49.18 ng

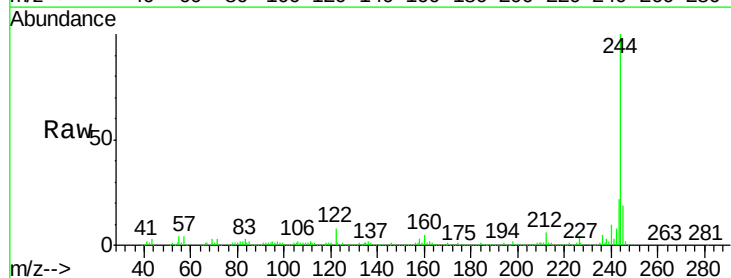
RT: 14.90 min Scan# 1200

Delta R.T. 0.01 min

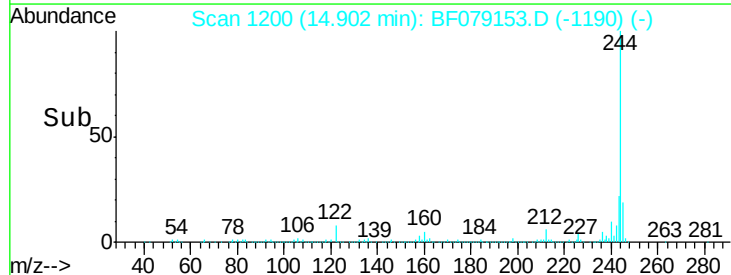
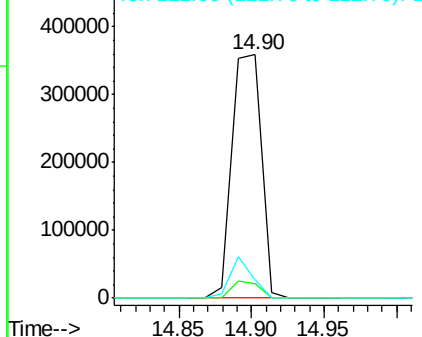
Lab File: BF079153.D

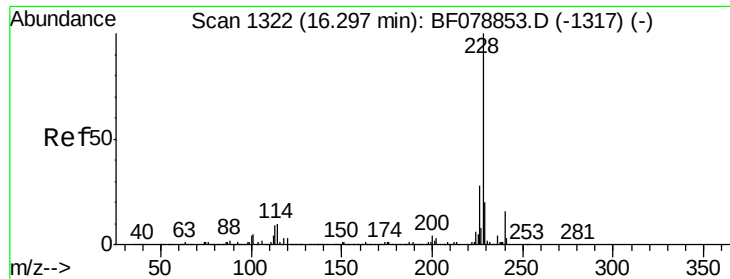
Acq: 12 May 2015 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		507226		
212	5.7		5.6	8.4	
122	7.7		10.3	15.5	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





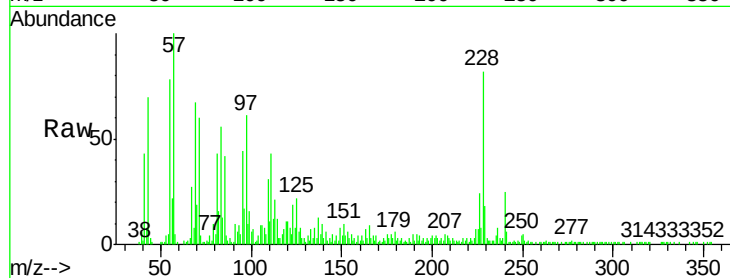
#80
Benzo(a)anthracene
Concen: 4.37 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.8	15.9	23.9

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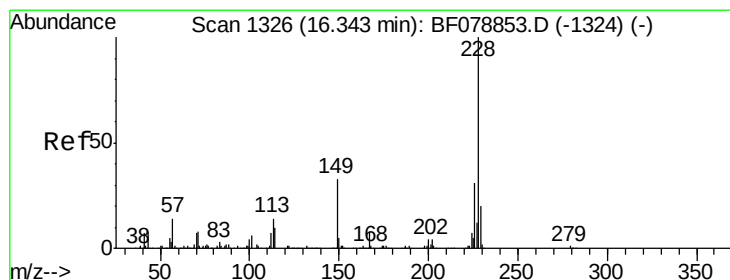
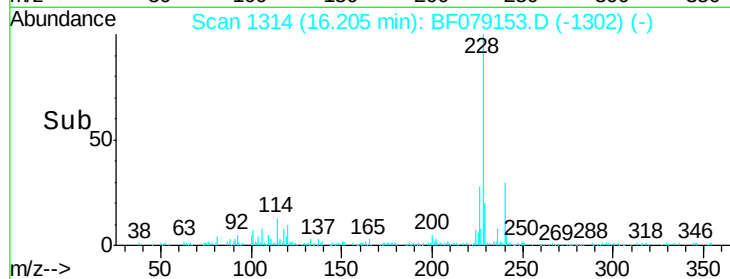
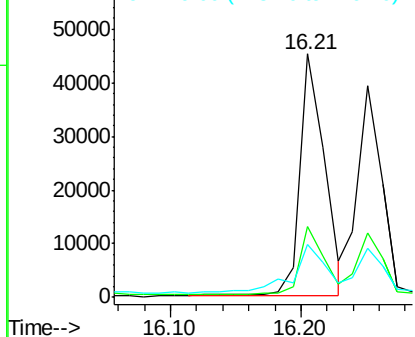


Abundance

Ion 228.00 (227.70 to 228.70): E

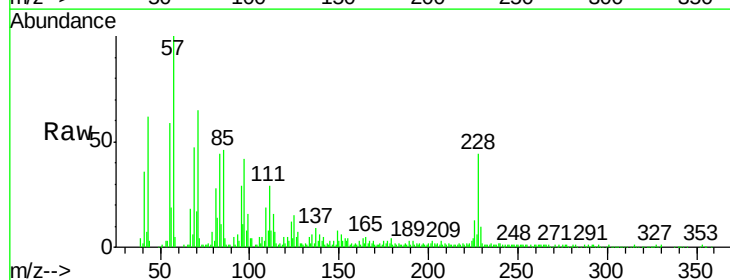
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 3.79 ng
RT: 16.25 min Scan# 1318
Delta R.T. 0.03 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	23.4	16.0	24.0

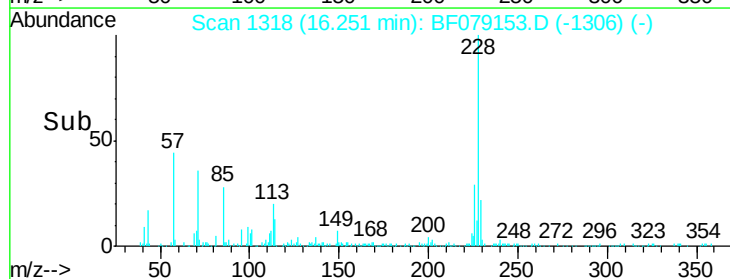
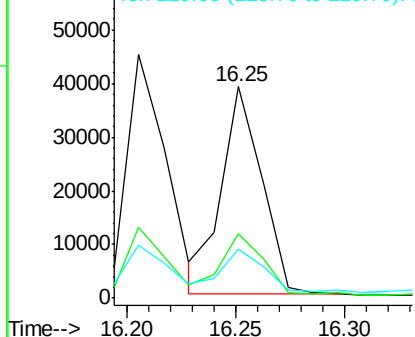


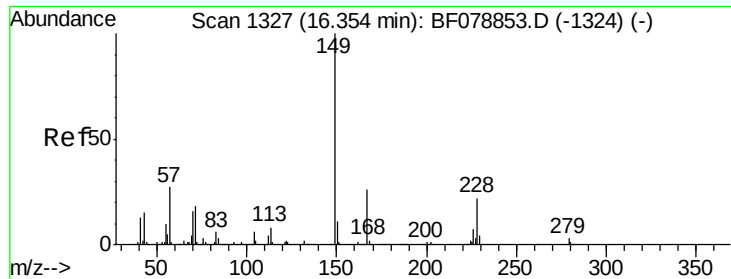
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





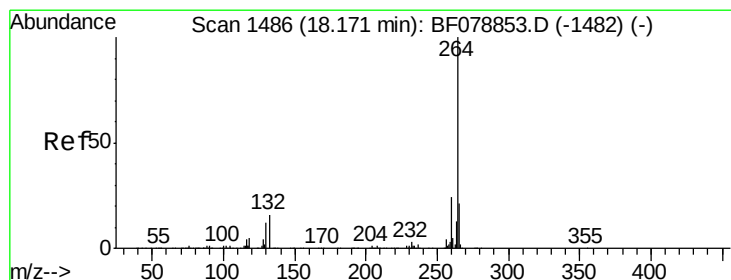
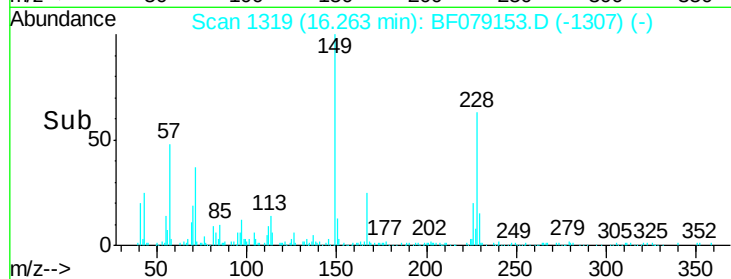
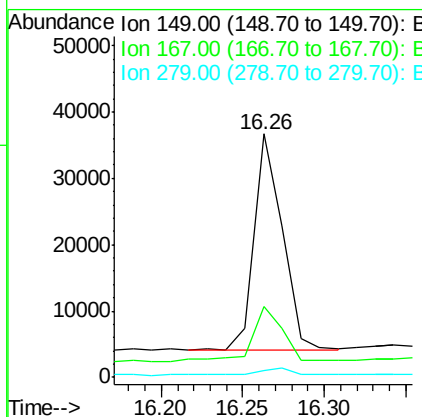
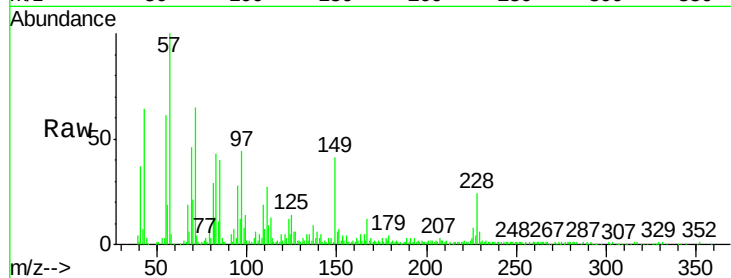
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.18 ng
RT: 16.26 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
PS-26(3-5)

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.8
279	3.1	2.9	4.3

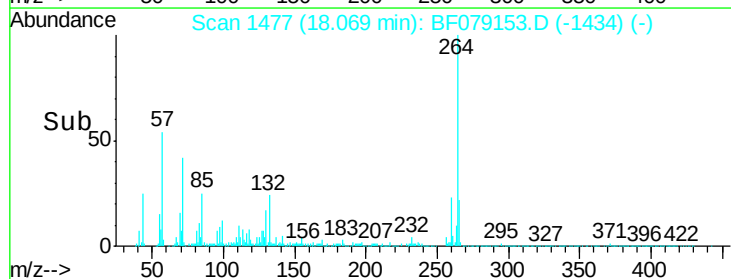
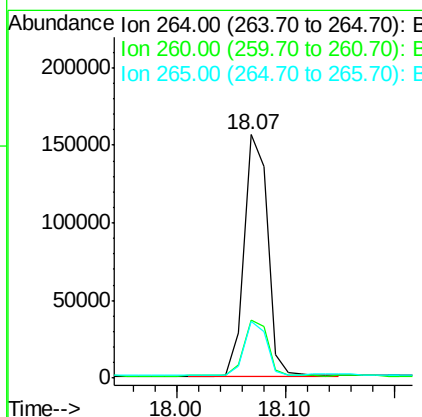
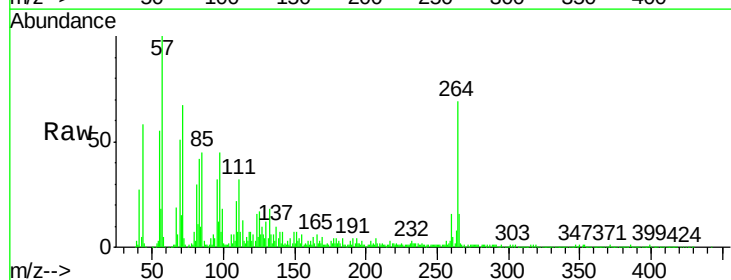
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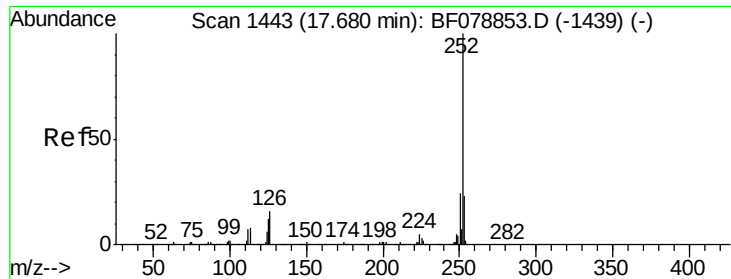
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.07 min Scan# 1477
Delta R.T. 0.19 min
Lab File: BF079153.D
Acq: 12 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	23.2	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 4.61 ng m

RT: 17.59 min Scan# 1435

Delta R.T. 0.15 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Instrument :

BNA_F

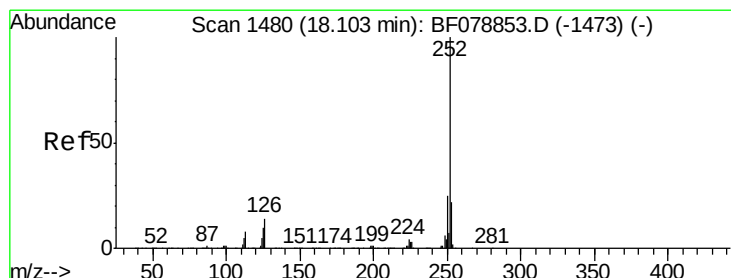
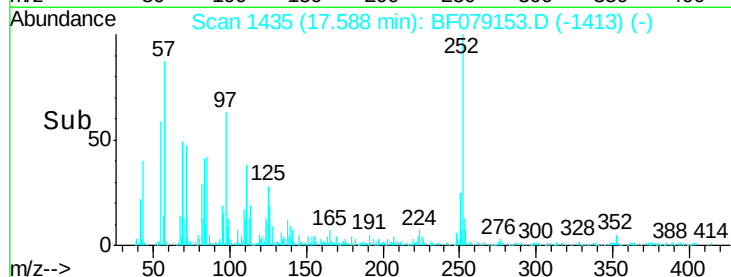
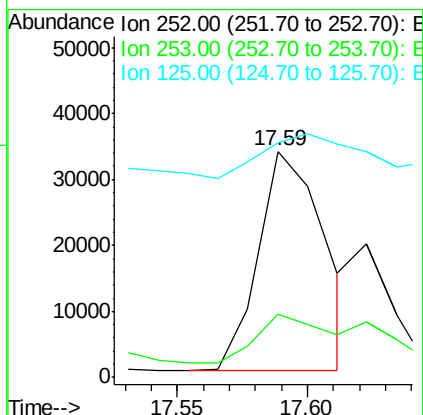
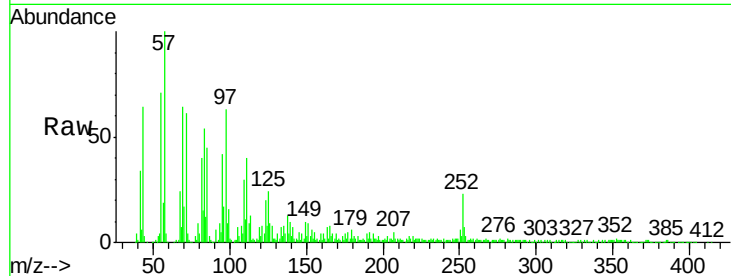
ClientSampled :

PS-26(3-5)

Tot Ion:	252	Resp:	58768
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.7	26.5#
125	103.7	9.5	14.3#

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#89

Benzo(a)pyrene

Concen: 3.74 ng

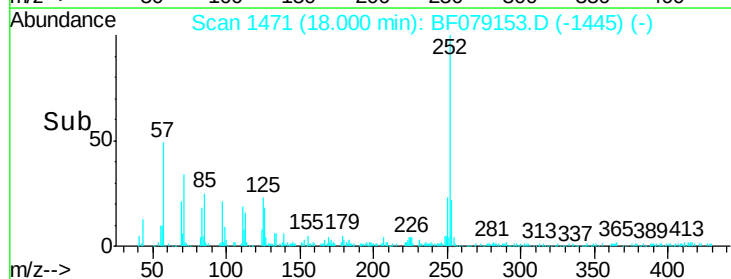
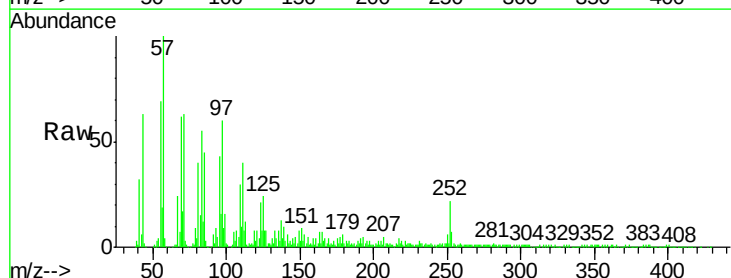
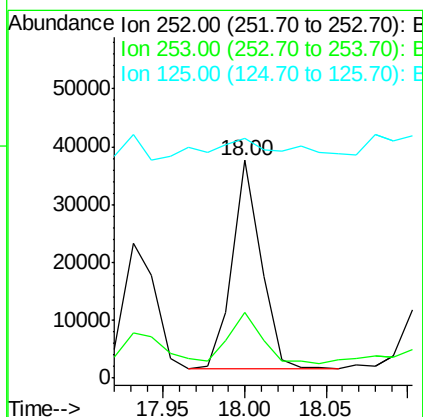
RT: 18.00 min Scan# 1471

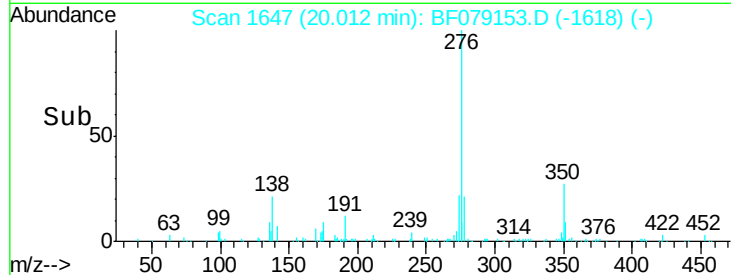
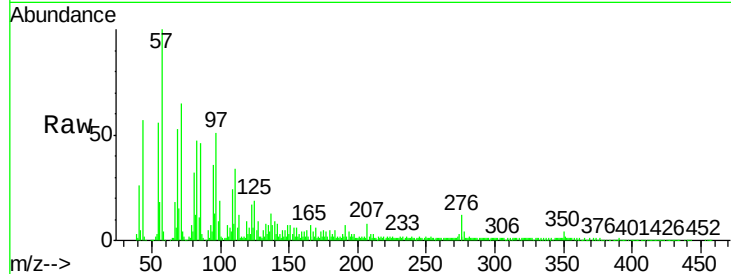
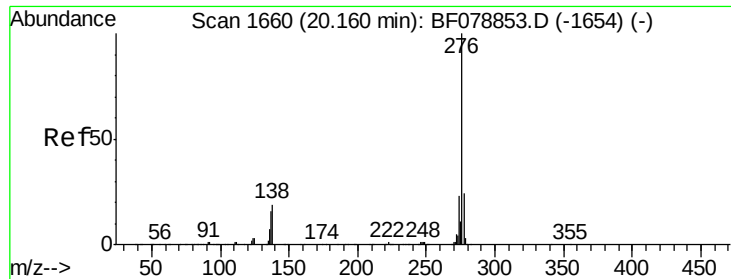
Delta R.T. 0.19 min

Lab File: BF079153.D

Acq: 12 May 2015 10:57

Tgt Ion:	252	Resp:	43883
Ion Ratio	Lower	Upper	
252	100		
253	30.3	17.3	25.9#
125	109.9	7.0	10.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.40 ng
 RT: 20.01 min Scan# 1647
 Delta R.T. 0.23 min
 Lab File: BF079153.D
 Acq: 12 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PS-26(3-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.2	18.6	28.0#
138	56.9	17.4	26.0#

Manual Integrations
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