

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106979.D
 Acq On : 29 Jun 2018 18:00
 Operator : JU/SJ
 Sample : J3677-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(0-2.5)

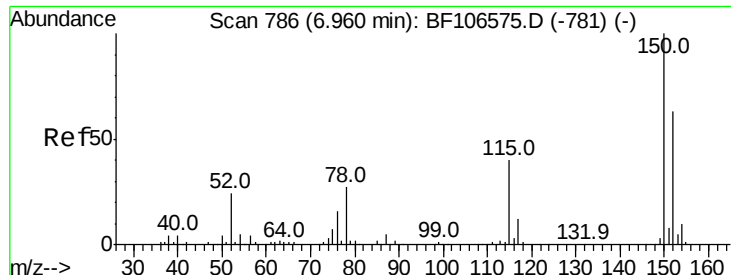
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Quant Time: Jun 29 23:31:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77849	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	293159	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	138965	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	240409	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	211215	20.00	ng	-0.02
86) Perylene-d12	15.69	264	164395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	445565	96.92	ng	0.00
7) Phenol-d6	6.60	99	560857	97.69	ng	-0.02
23) Nitrobenzene-d5	7.52	82	350327	66.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	169431	105.19	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	659168	79.30	ng	-0.02
78) Terphenyl-d14	13.07	244	666029	76.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	99521	9.549	ng	Qvalue # 98
70) Phenanthrene	11.51	178	44795	3.863	ng	96
74) Fluoranthene	12.71	202	70860	5.544	ng	94
77) Pyrene	12.94	202	64785	4.651	ng	98
80) Benzo(a)anthracene	14.13	228	33833	2.628	ng	96
82) Chrysene	14.17	228	29841	2.520	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	16110	2.200	ng	# 95
87) Benzo(b)fluoranthene	15.23	252	31252m	3.060	ng	
89) Benzo(a)pyrene	15.62	252	22135	2.438	ng	97

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



#1

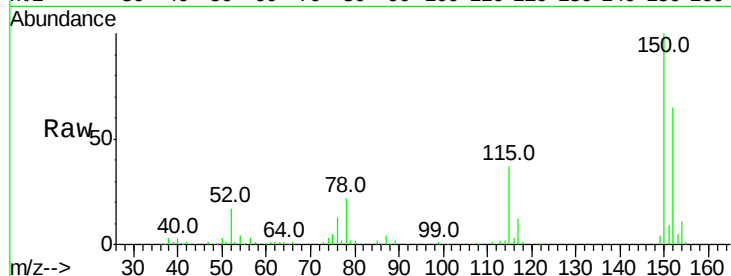
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Instrument :
BNA_F
ClientSampleId :
93-95-B3(0-2.5)

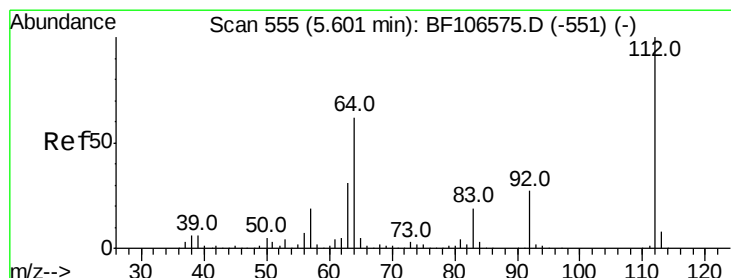
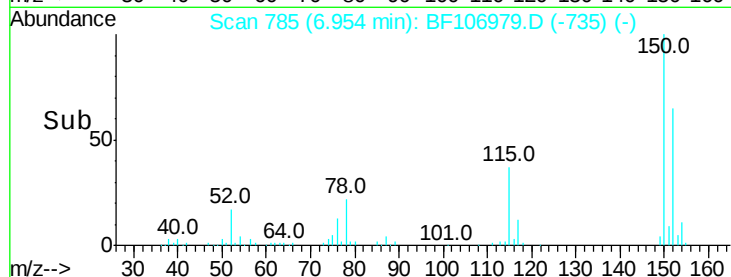
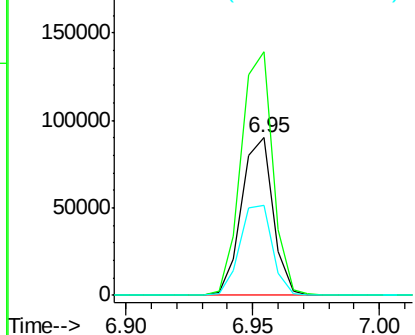
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	57.4	50.1	75.1

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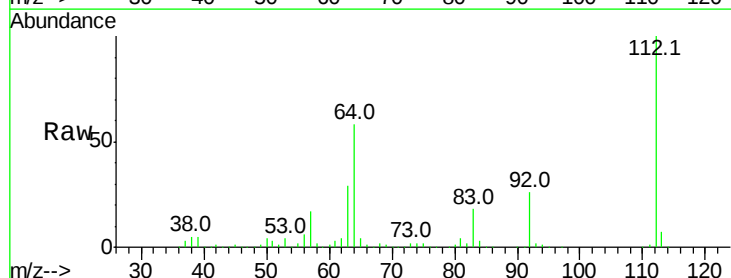
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



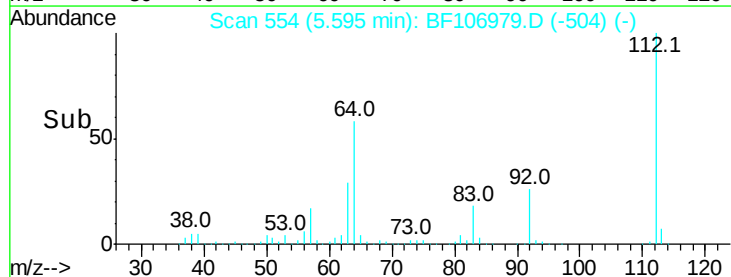
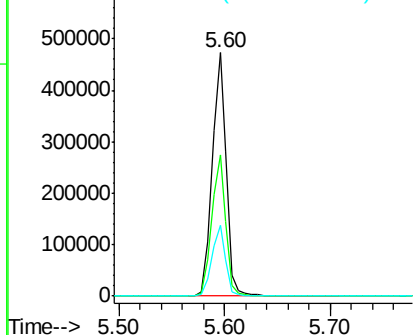
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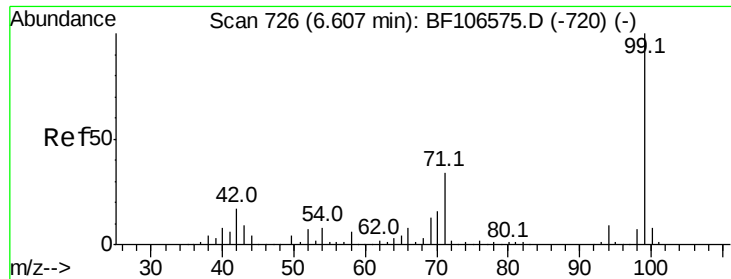
2-Fluorophenol
Concen: 96.916 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	28.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.688 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106979.D

Acq: 29 Jun 2018 18:00

Instrument :

BNA_F

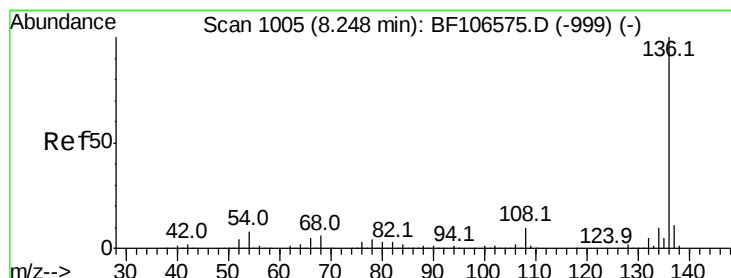
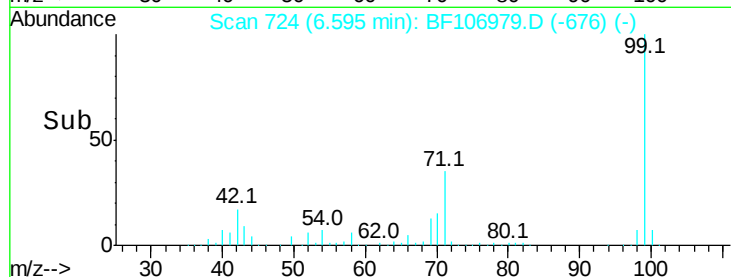
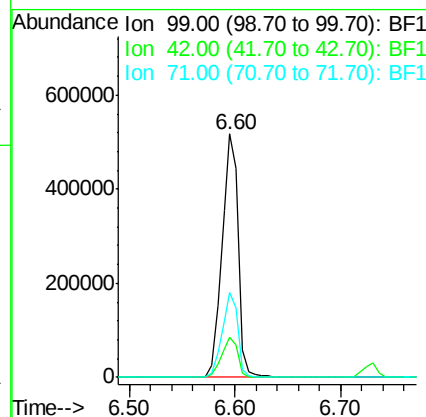
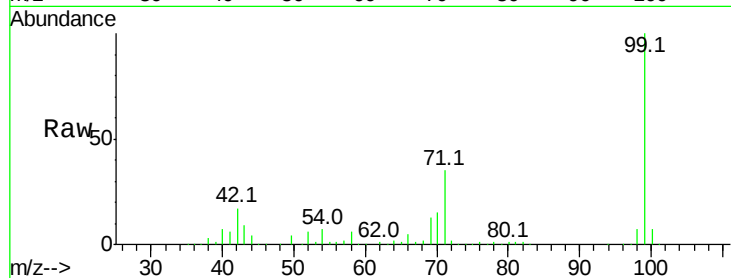
ClientSampleId :

93-95-B3(0-2.5)

Tot Ion:	99	Resp:	560857
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	34.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

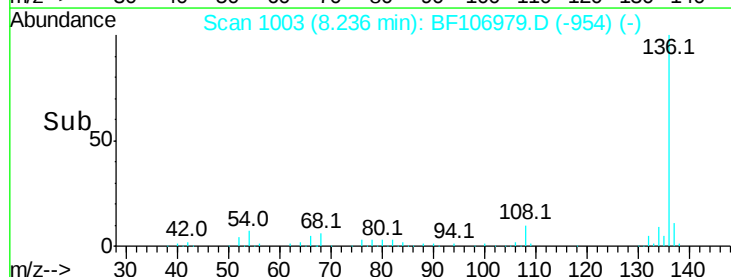
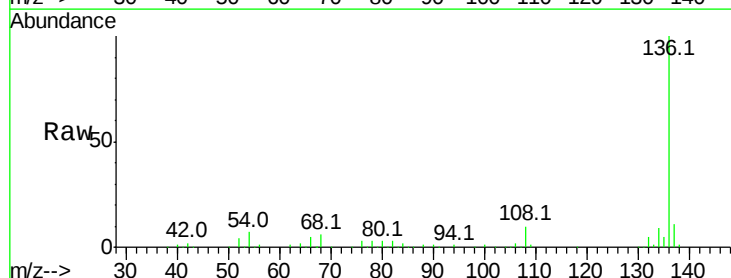
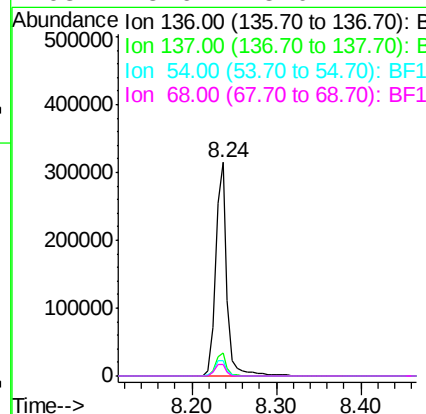
RT: 8.24 min Scan# 1003

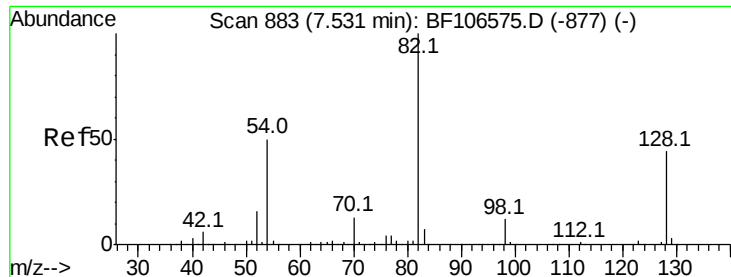
Delta R.T. -0.01 min

Lab File: BF106979.D

Acq: 29 Jun 2018 18:00

Tgt Ion:	136	Resp:	293159
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4





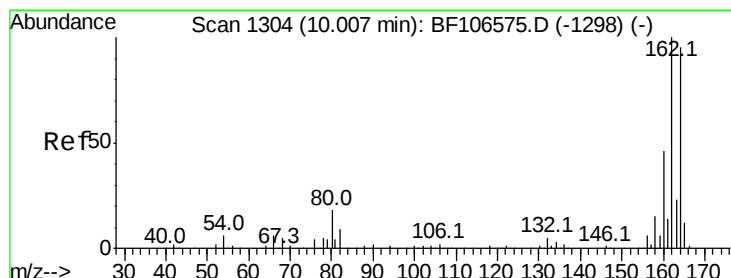
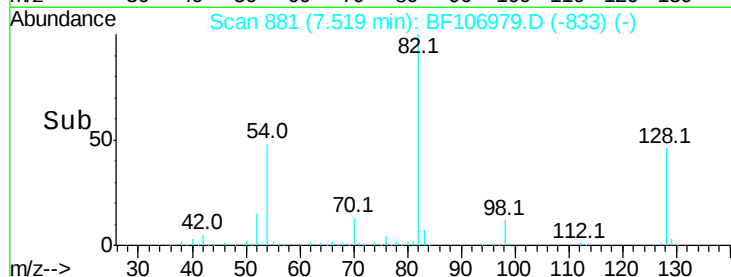
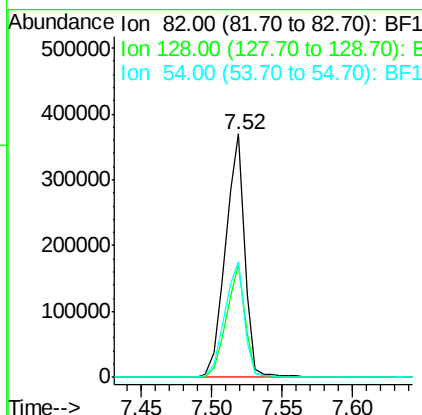
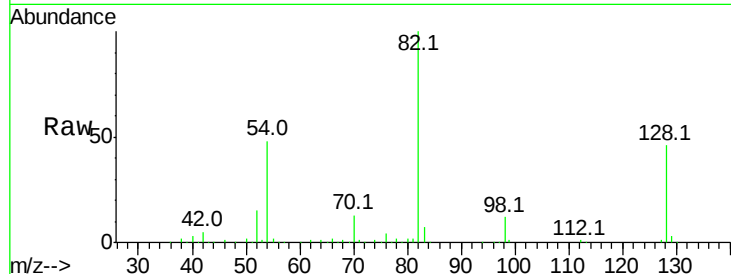
#23
 Nitrobenzene-d5
 Concen: 66.411 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(0-2.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	47.6	41.4	62.2

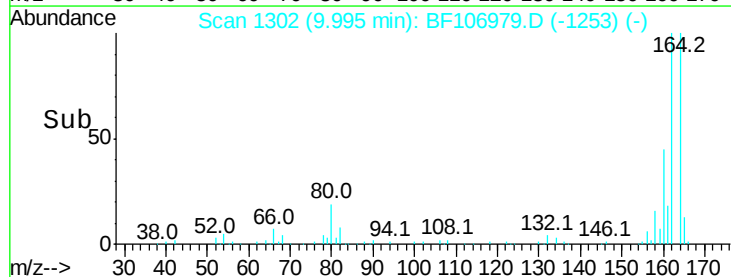
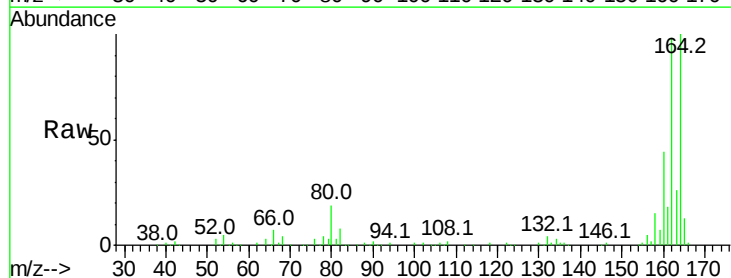
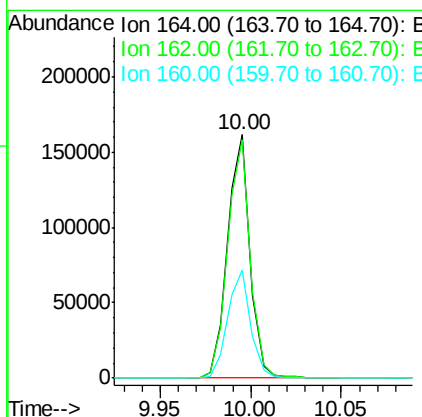
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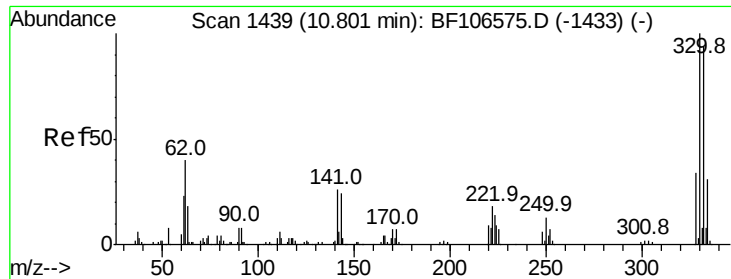
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	86.1	129.1
160	44.2	38.3	57.5





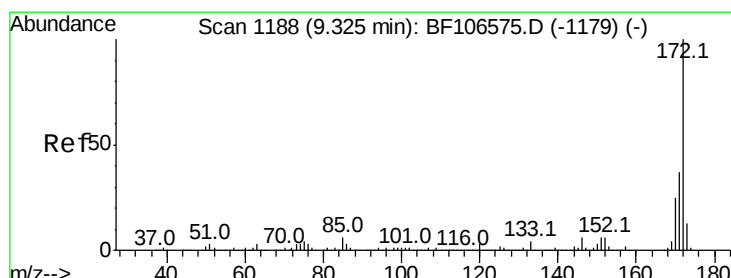
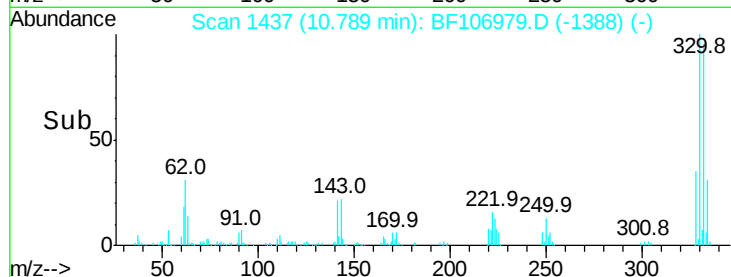
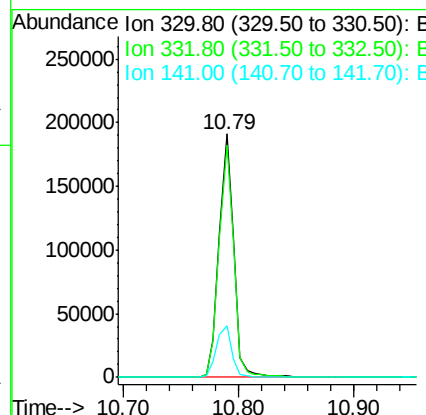
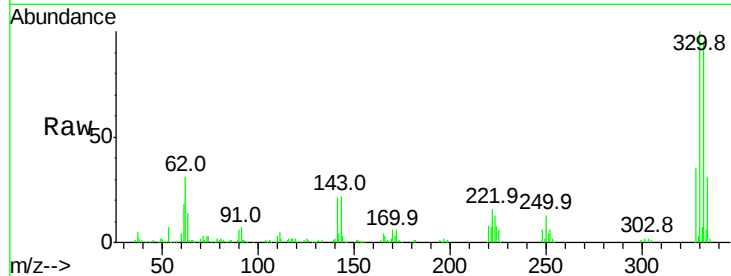
#41
 2,4,6-Tribromophenol
 Concen: 105.195 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169431		
332	96.1	77.0	115.6	
141	22.7	29.9	44.9#	

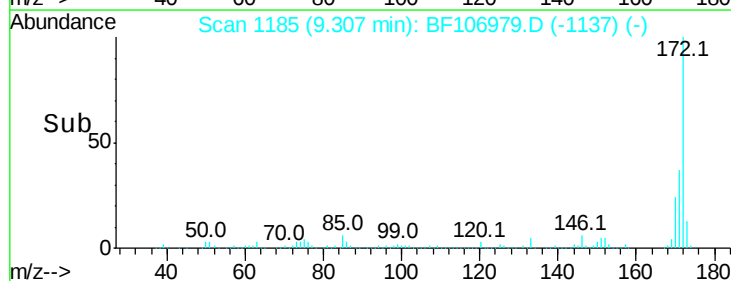
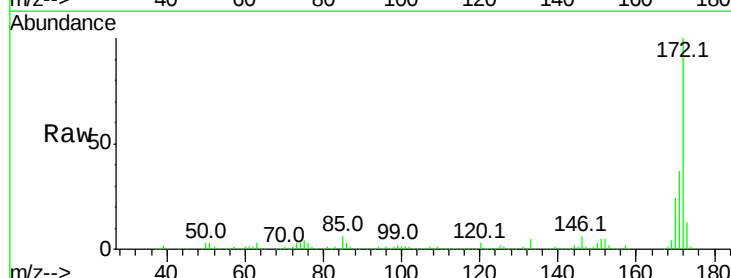
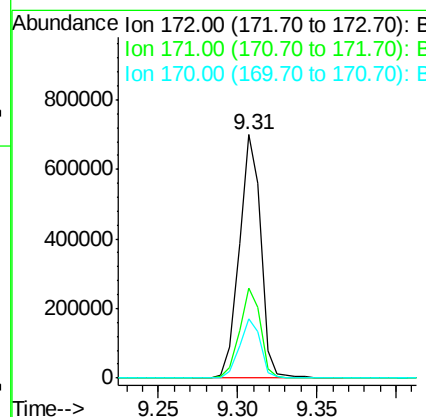
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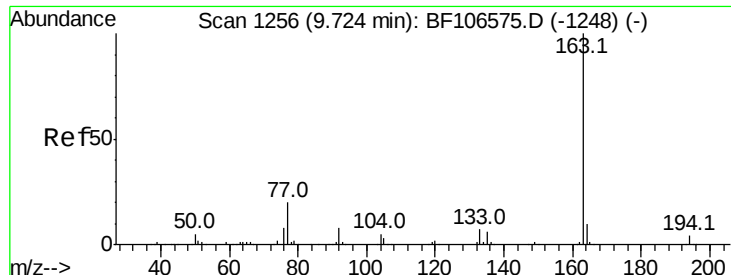
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#44
 2-Fluorobiphenyl
 Concen: 79.299 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	659168		
171	36.8	29.7	44.5	
170	24.4	19.6	29.4	





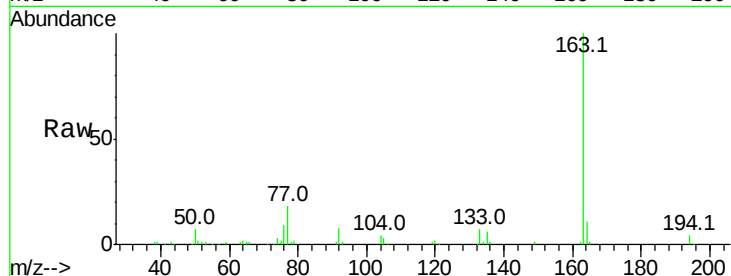
#49
Dimethylphthalate
Concen: 9.549 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Instrument :
BNA_F
ClientSampleId :
93-95-B3(0-2.5)

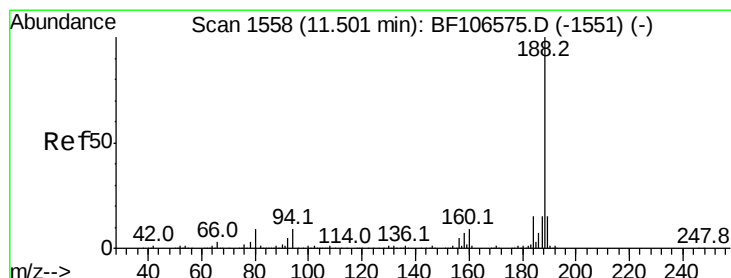
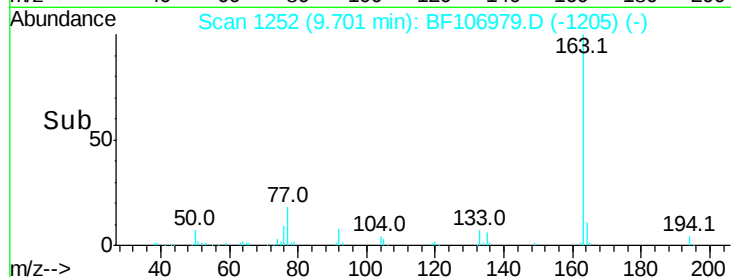
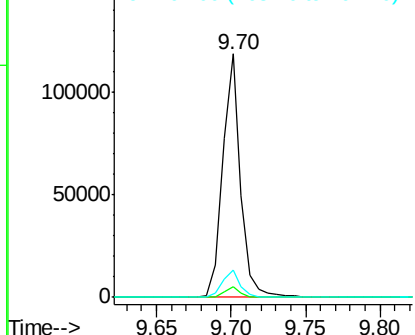
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	11.0	8.2	12.2	

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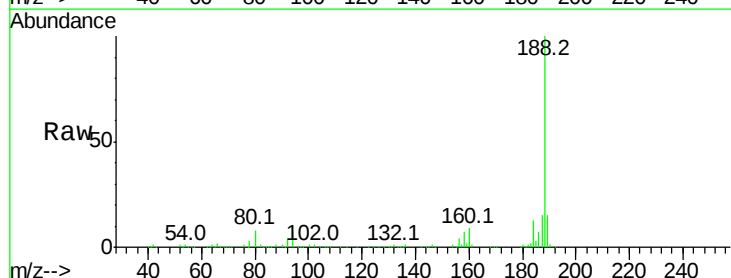


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

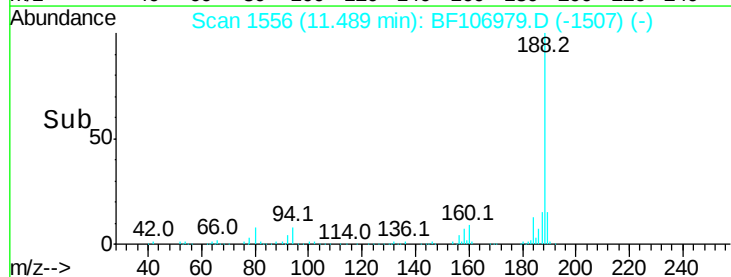
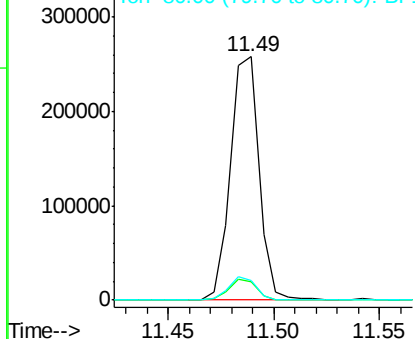


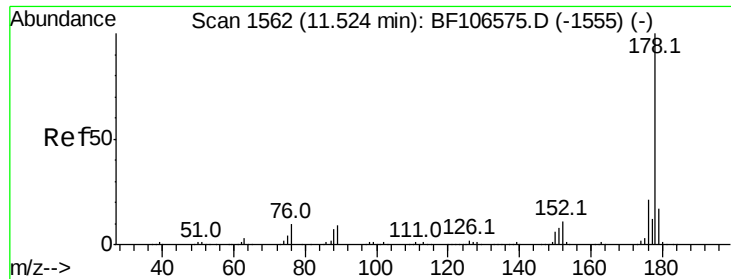
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	8.5	12.7#	
80	7.9	9.2	13.8#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





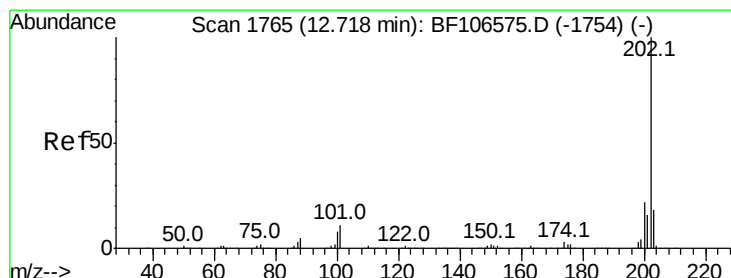
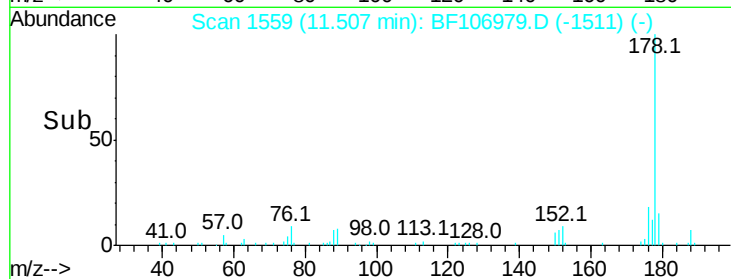
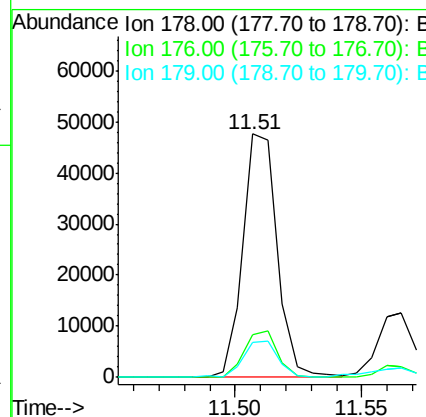
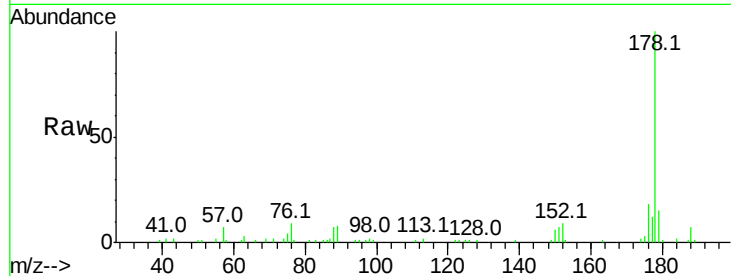
#70
Phenanthrene
Concen: 3.863 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Instrument :
BNA_F
ClientSampleId :
93-95-B3(0-2.5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	14.6	13.0	19.6

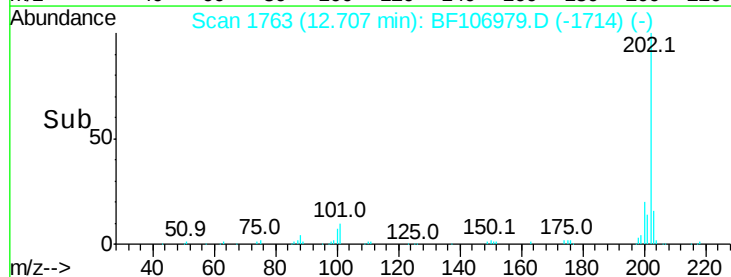
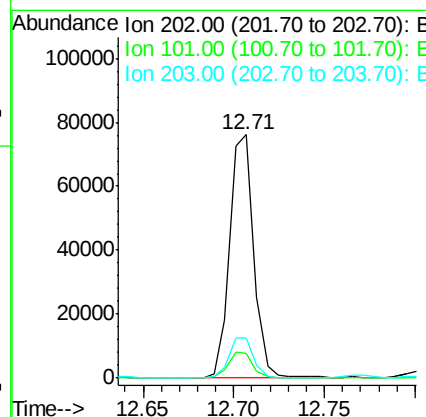
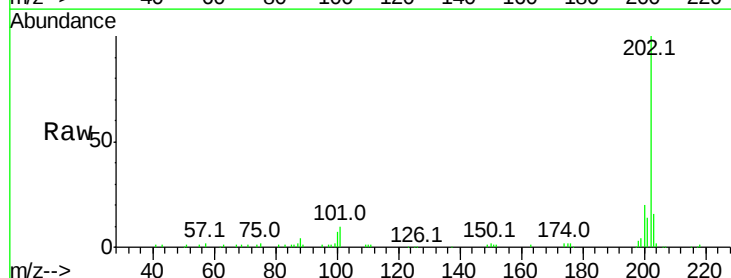
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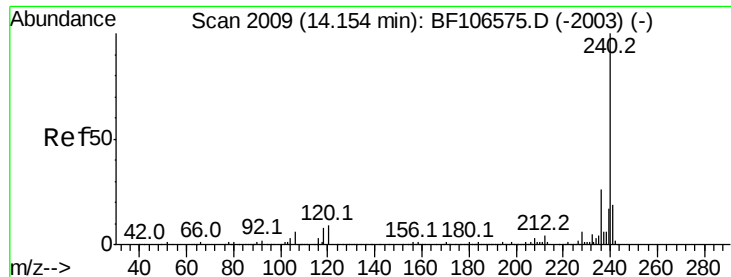
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#74
Fluoranthene
Concen: 5.544 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106979.D

Acq: 29 Jun 2018 18:00

Instrument :

BNA_F

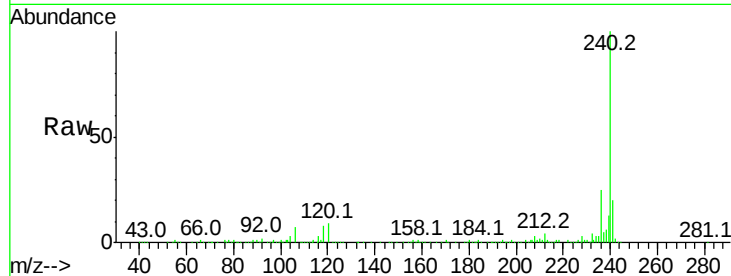
ClientSampleId :

93-95-B3(0-2.5)

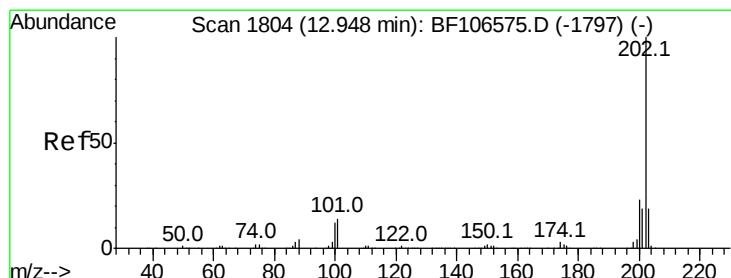
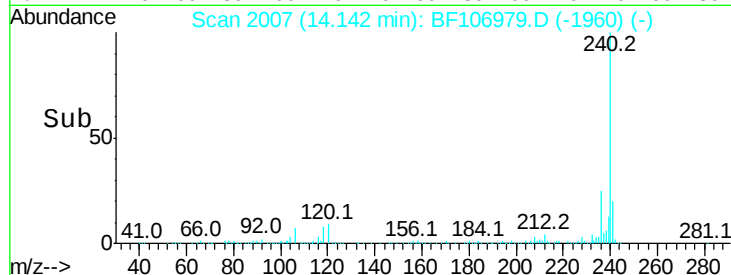
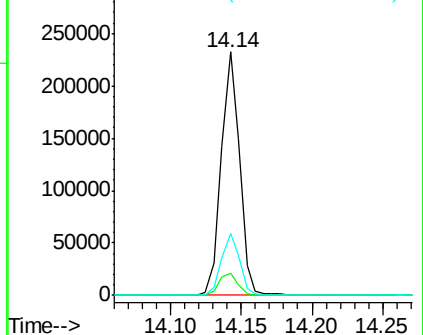
Tot Ion:	240	Resp:	211215
Ion Ratio	Lower	Upper	
240	100		
120	8.9	9.5	14.3#
236	25.3	20.7	31.1

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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: 4.651 ng

RT: 12.94 min Scan# 1802

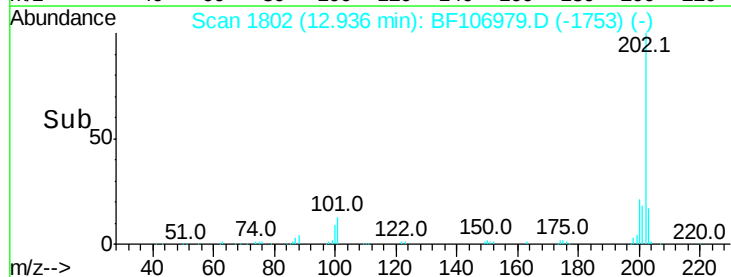
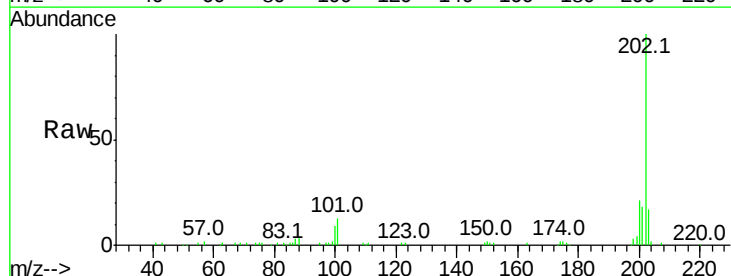
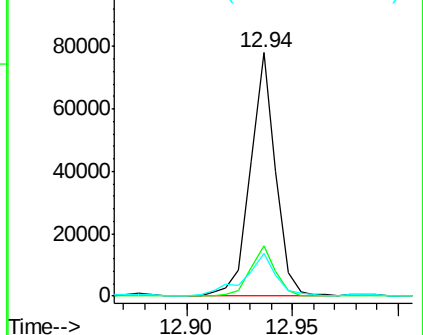
Delta R.T. -0.01 min

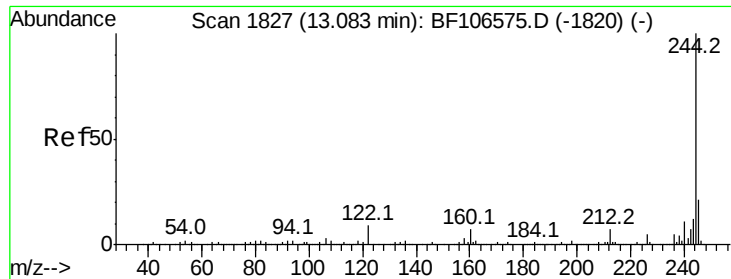
Lab File: BF106979.D

Acq: 29 Jun 2018 18:00

Tgt Ion:	202	Resp:	64785
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.3	14.3	21.5

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





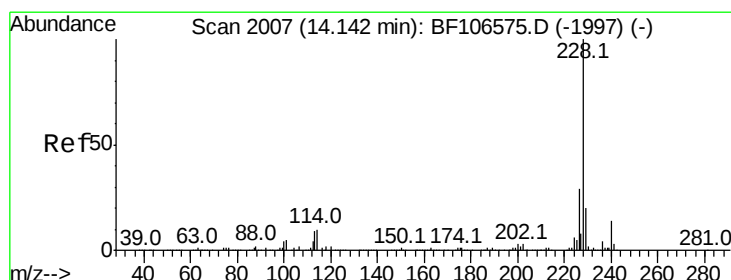
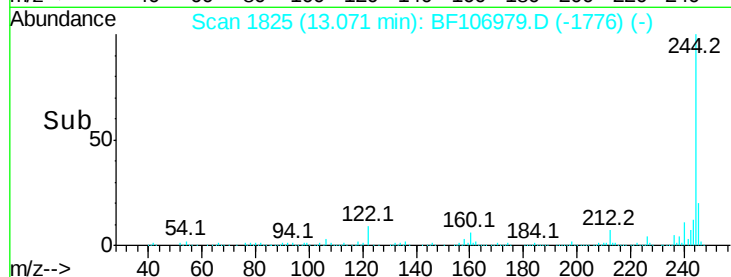
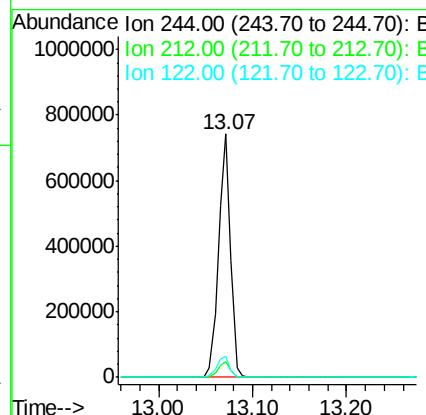
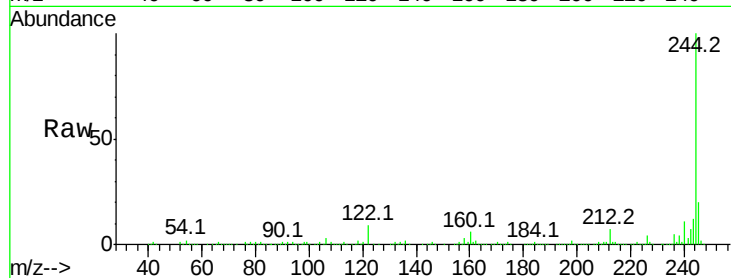
#78
 Terphenyl-d14
 Concen: 76.383 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(0-2.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.8	11.0	16.4

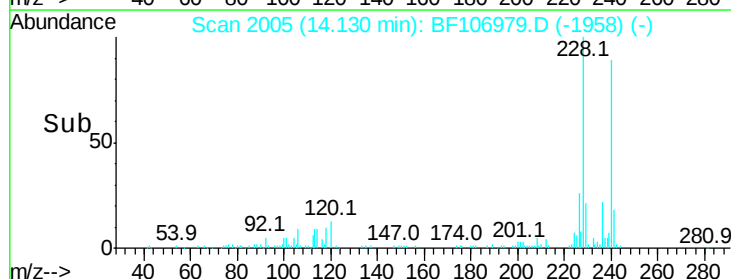
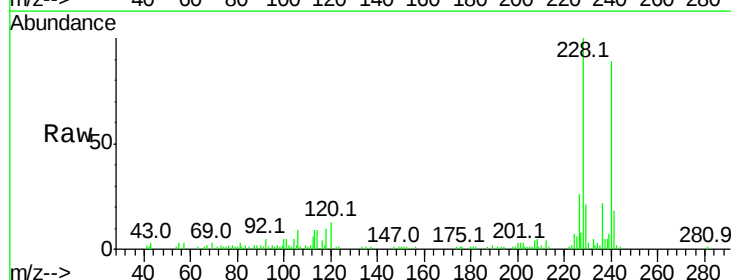
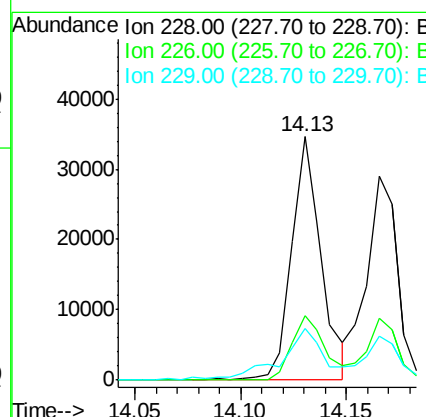
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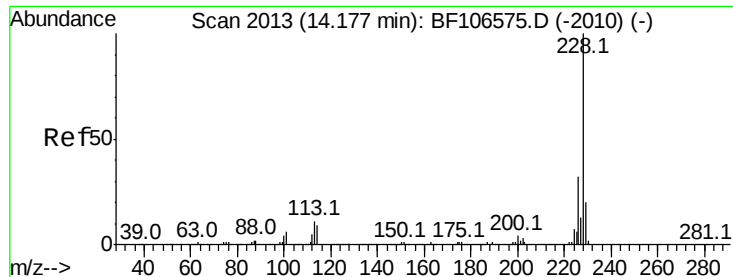
Sohil
 6/30/2018 10:58:06 AM



#80
 Benzo(a)anthracene
 Concen: 2.628 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF106979.D
 Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	21.2	15.8	23.6





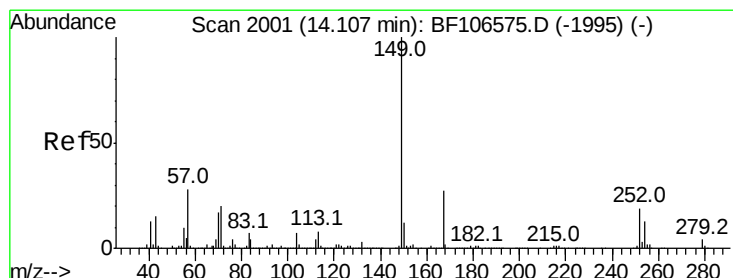
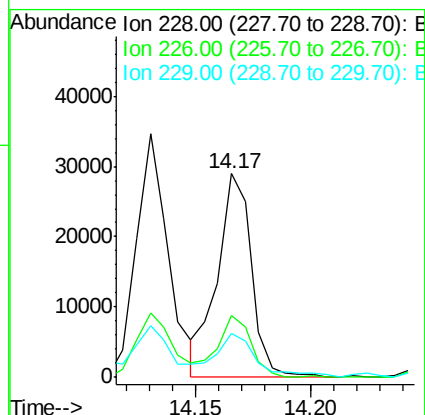
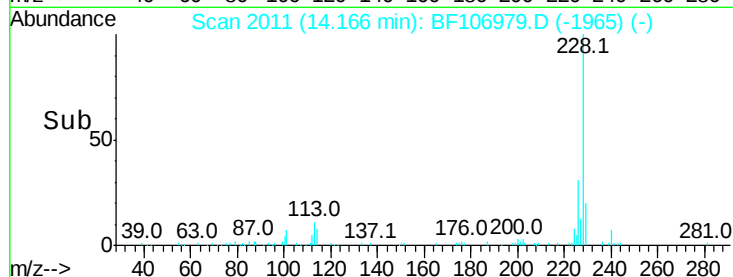
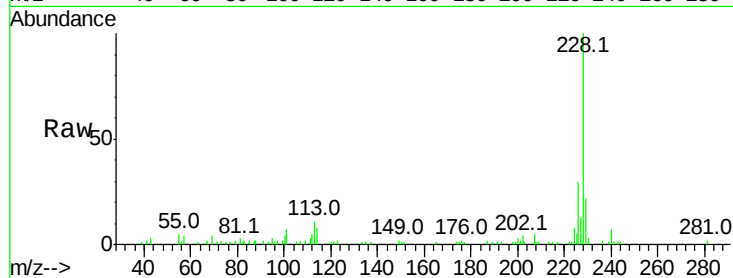
#82
Chrysene
Concen: 2.520 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Instrument :
BNA_F
ClientSampleId :
93-95-B3(0-2.5)

Tot Ion:	228	Resp:	29841
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.6	16.2	24.4

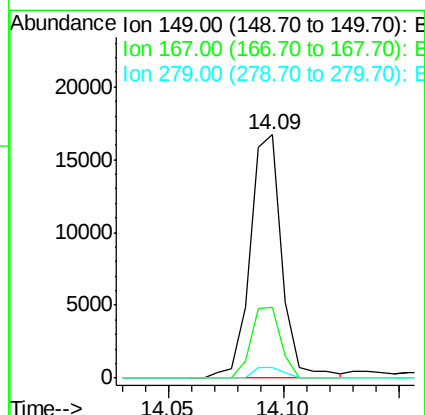
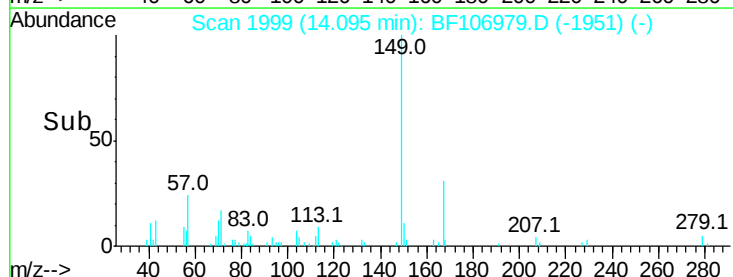
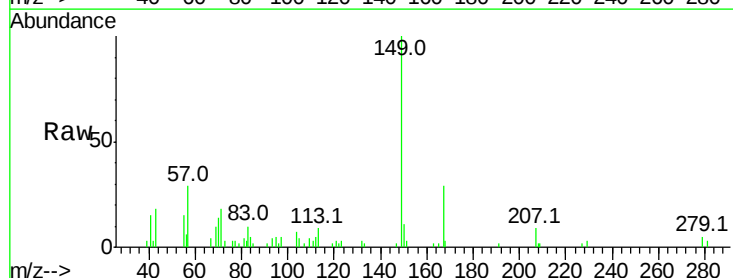
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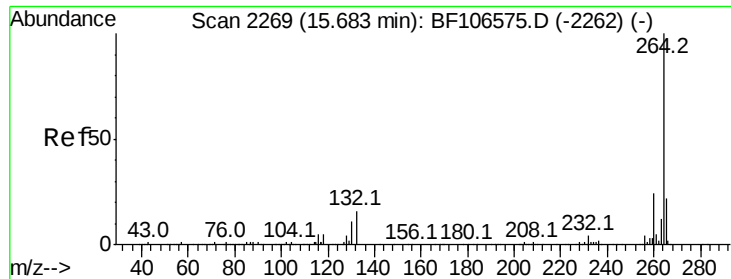
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.200 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Tgt Ion:	149	Resp:	16110
Ion Ratio	Lower	Upper	
149	100		
167	29.2	21.3	31.9
279	4.5	3.0	4.4#





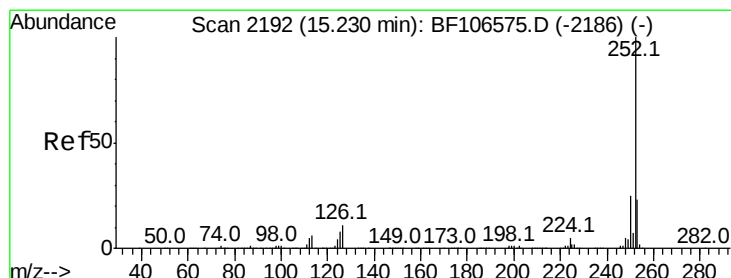
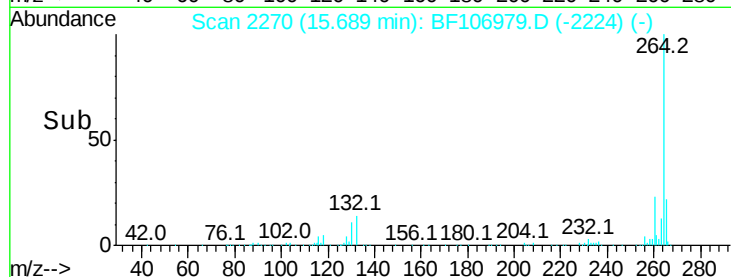
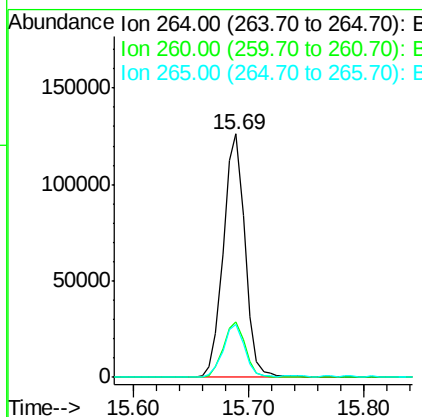
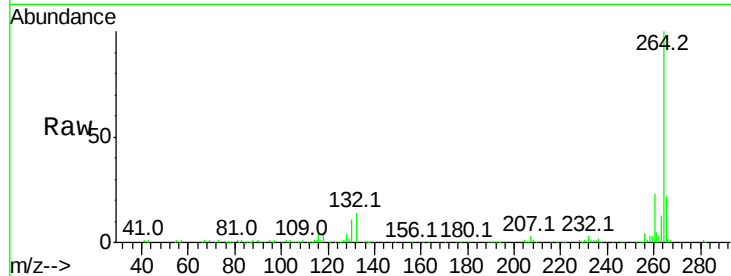
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Instrument :
BNA_F
ClientSampleId :
93-95-B3(0-2.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	17.5	26.3

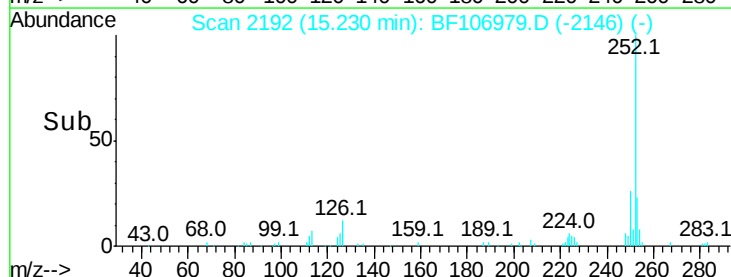
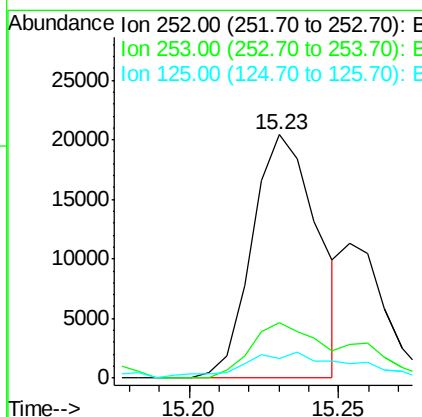
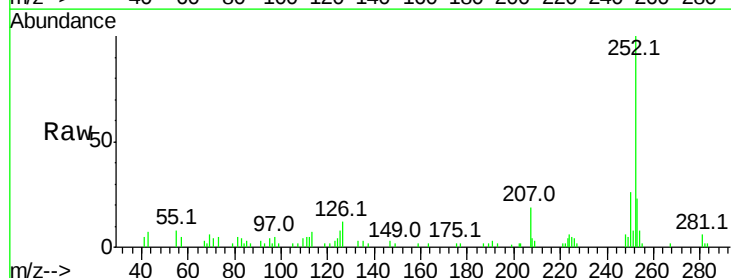
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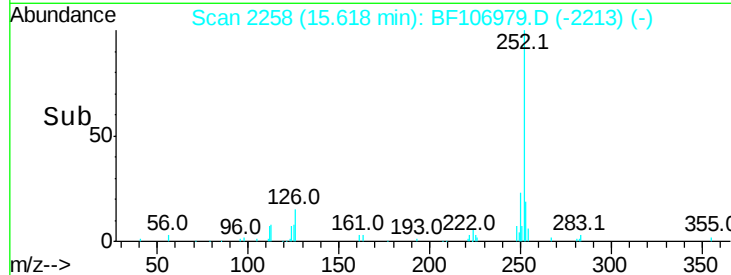
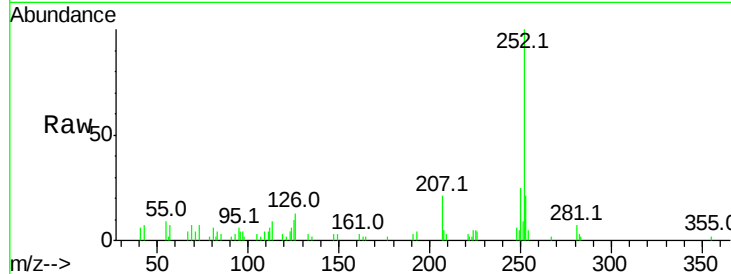
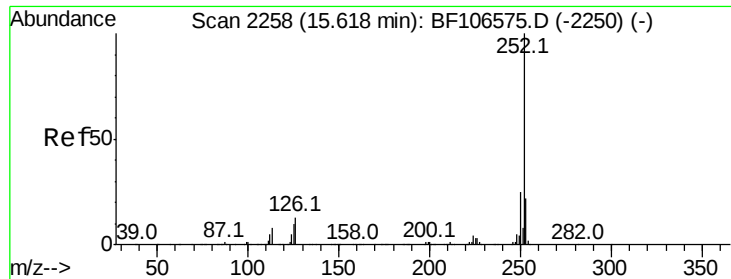
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6/30/2018 10:58:06 AM



#87
Benzo(b)fluoranthene
Concen: 3.060 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106979.D
Acq: 29 Jun 2018 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.0	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.438 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF106979.D

Acq: 29 Jun 2018 18:00

Instrument :

BNA_F

ClientSampleId :

93-95-B3(0-2.5)

Tot Ion:	252	Resp:	22135
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.1	25.7
125	10.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
6/30/2018 10:58:06 AM

