

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106828.D
 Acq On : 26 Jun 2018 17:41
 Operator : JU/SJ
 Sample : J3684-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 TP-2-S

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:14:15 PM

Quant Time: Jun 27 01:40:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	46159	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	166764	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71020	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	126383	20.00	ng	0.00
75) Chrysene-d12	14.15	240	125756	20.00	ng	-0.01
86) Perylene-d12	15.70	264	87201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251121	92.12	ng	0.00
7) Phenol-d6	6.60	99	311211	91.42	ng	-0.01
23) Nitrobenzene-d5	7.52	82	189189	63.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	77968	94.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	345443	81.77	ng	0.00
78) Terphenyl-d14	13.08	244	368005	70.88	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.38	107	410	Below Cal		Qvalue # 70
48) Acenaphthylene	9.87	152	19090	2.714	ng	100
49) Dimethylphthalate	9.71	163	58745	11.029	ng	98
57) Fluorene	10.55	166	10179	2.115	ng	99
70) Phenanthrene	11.52	178	102723	16.852	ng	98
71) Anthracene	11.57	178	34046	5.472	ng	98
74) Fluoranthene	12.71	202	209739	31.217	ng	95
77) Pyrene	12.95	202	197775	23.849	ng	99
80) Benzo(a)anthracene	14.14	228	175021	22.835	ng	97
82) Chrysene	14.18	228	143266	20.318	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	64411	10.764	ng	# 87
87) Benzo(b)fluoranthene	15.24	252	190194m	35.111	ng	
88) Benzo(k)fluoranthene	15.27	252	51534m	9.990	ng	
89) Benzo(a)pyrene	15.64	252	125763m	26.116	ng	
90) Dibenzo(a,h)anthracene	17.29	278	18797	4.606	ng	# 91
91) Benzo(g,h,i)perylene	17.76	276	56364	14.130	ng	# 89

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

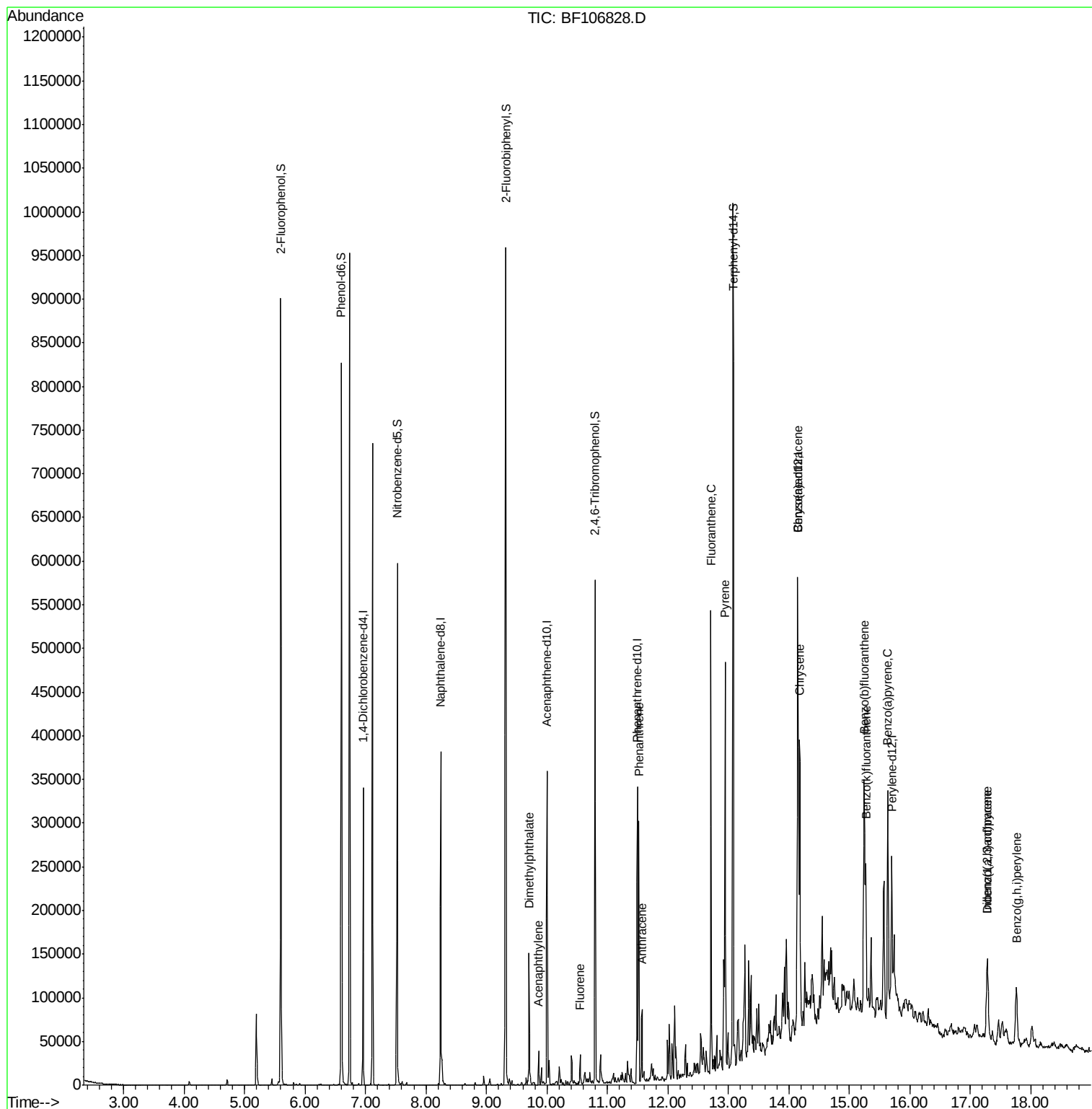
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106828.D
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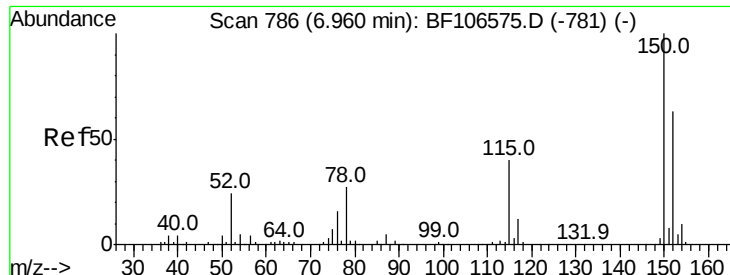
Instrument :
BNA_F
ClientSampled :
TP-2-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

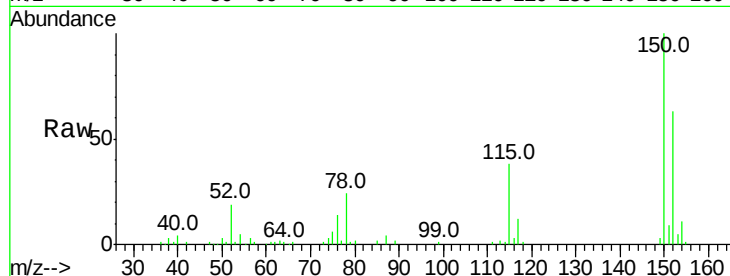
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	60.8	50.1	75.1

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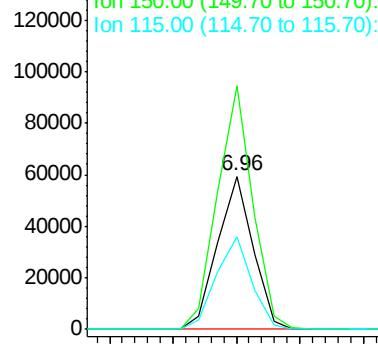


Abundance

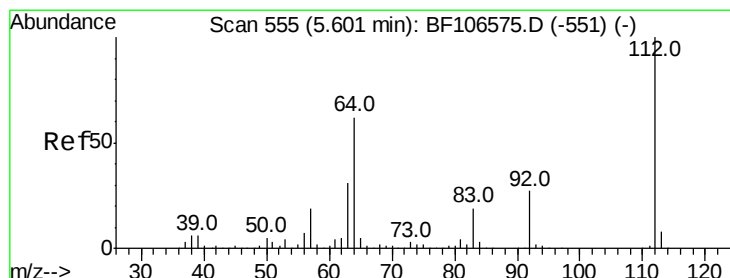
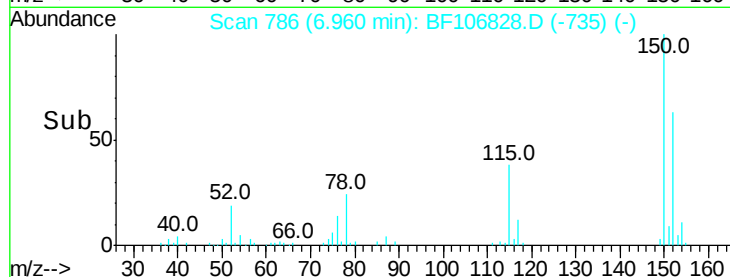
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



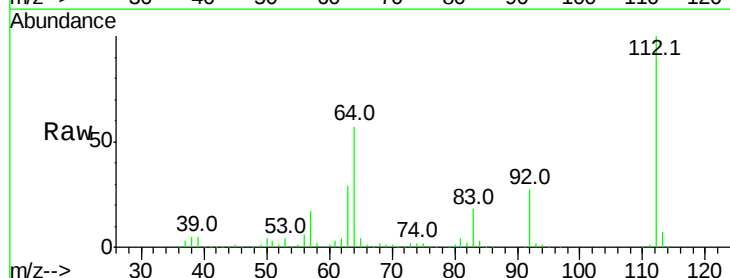
Time-->



#5

2-Fluorophenol
Concen: 92.122 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.7	23.7	35.5

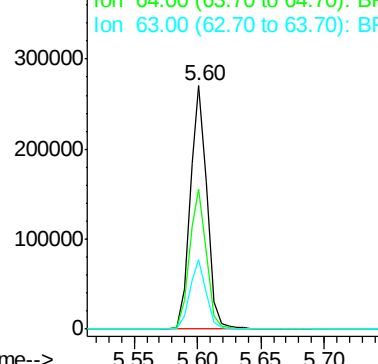


Abundance

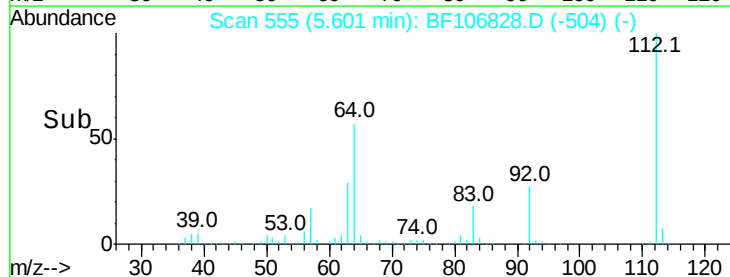
Ion 112.00 (111.70 to 112.70): E

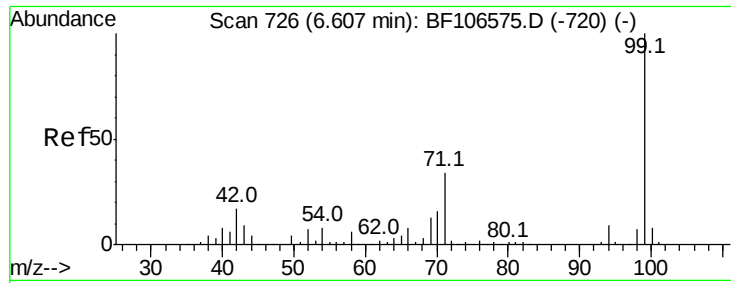
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 91.420 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Instrument :

BNA_F

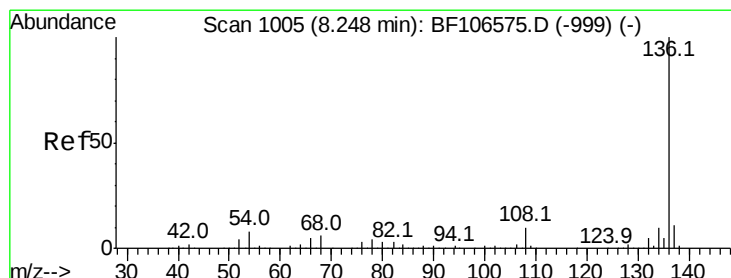
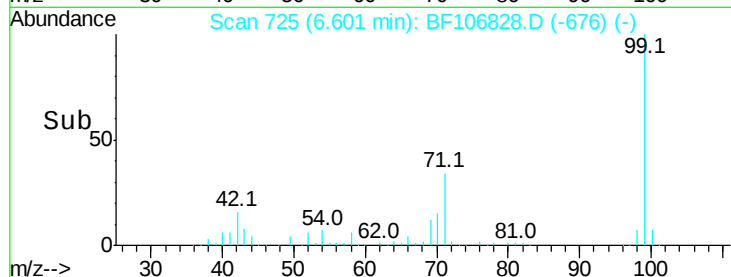
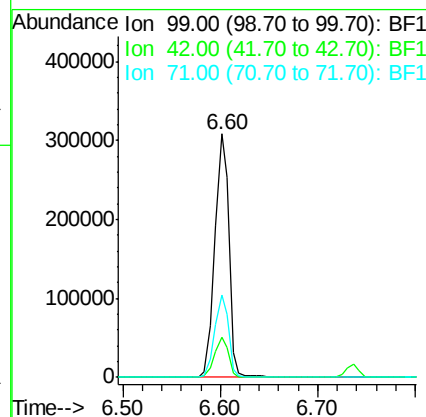
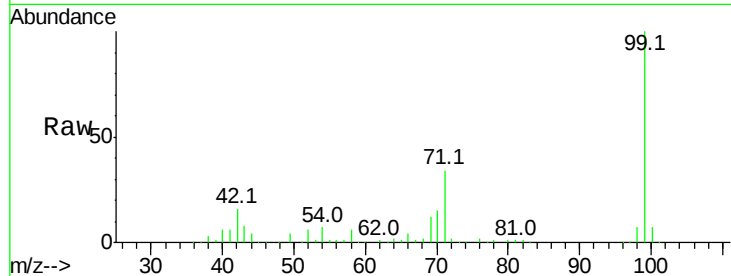
ClientSampled :

TP-2-S

Tot Ion:	99	Resp:	311211
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

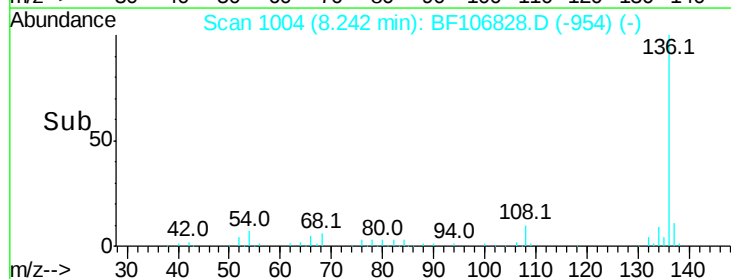
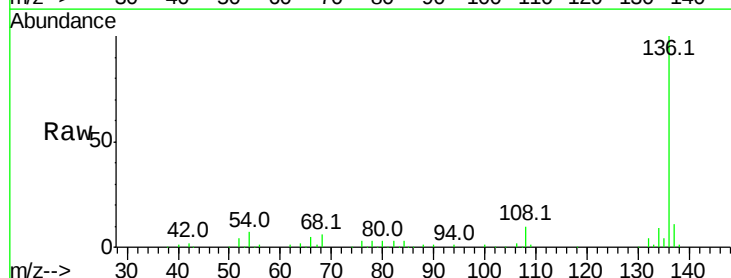
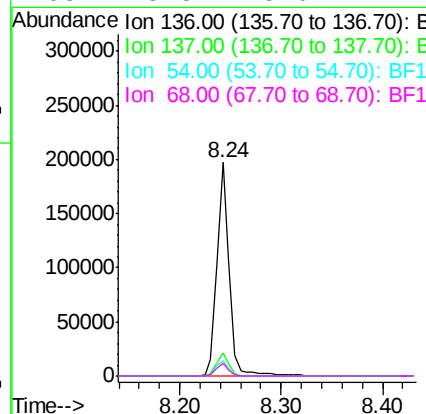
RT: 8.24 min Scan# 1004

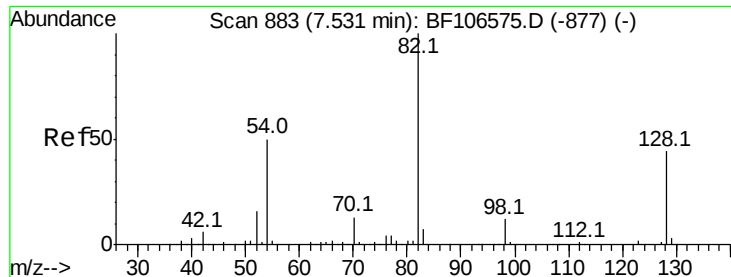
Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Tgt Ion:	136	Resp:	166764
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





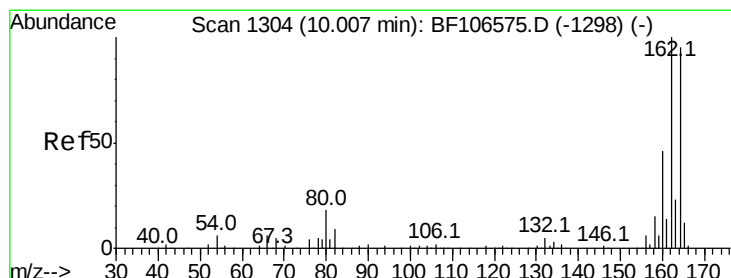
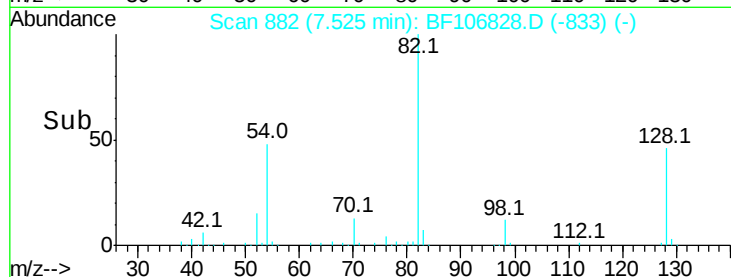
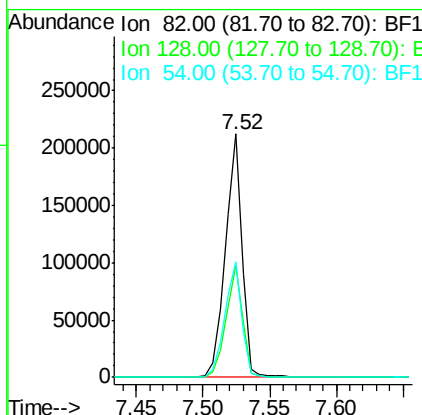
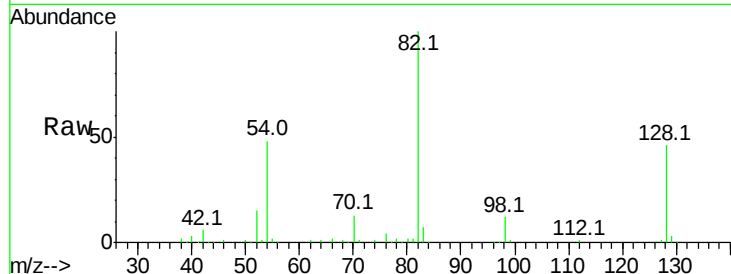
#23
 Nitrobenzene-d5
 Concen: 63.047 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106828.D
 Acq: 26 Jun 2018 17:41

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	36.1	54.1	
54	47.8	41.4	62.2	

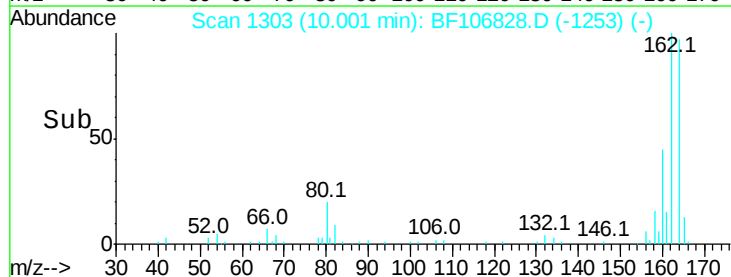
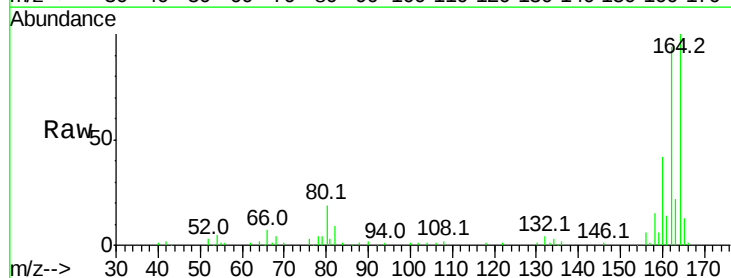
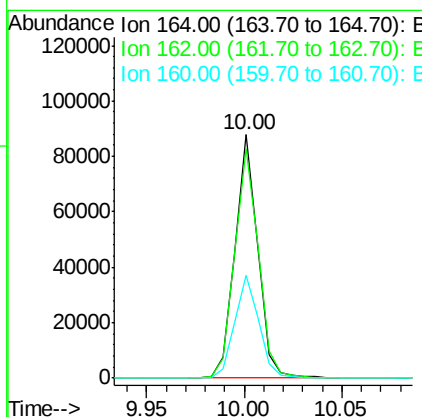
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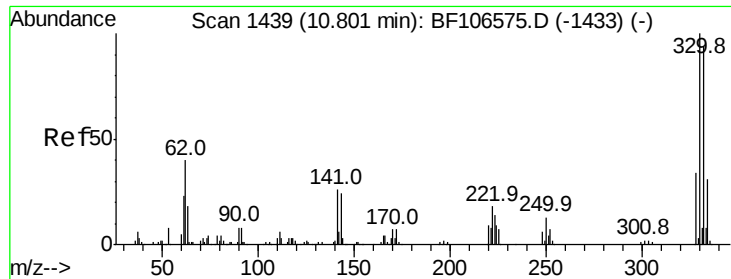
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106828.D
 Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	94.1	86.1	129.1	
160	42.0	38.3	57.5	





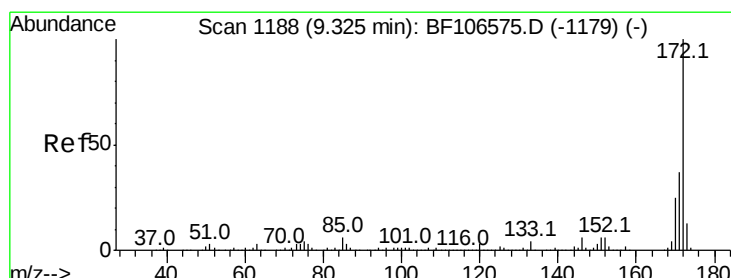
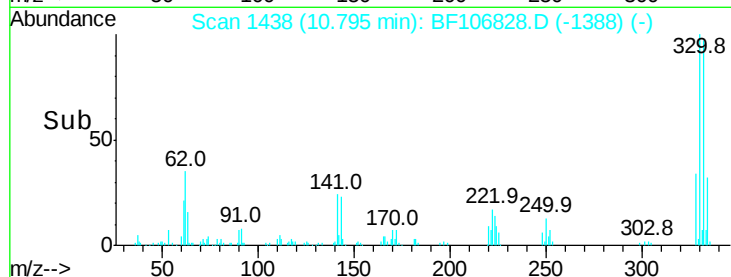
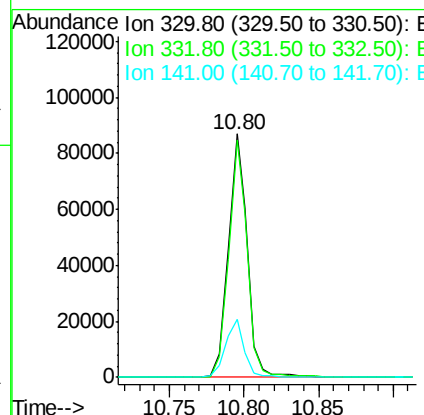
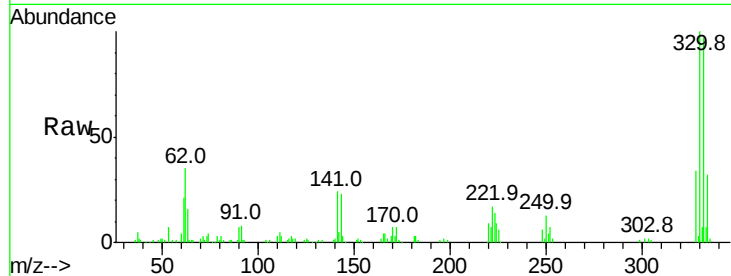
#41
 2,4,6-Tribromophenol
 Concen: 94.720 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106828.D
 Acq: 26 Jun 2018 17:41

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	23.5	29.9	44.9

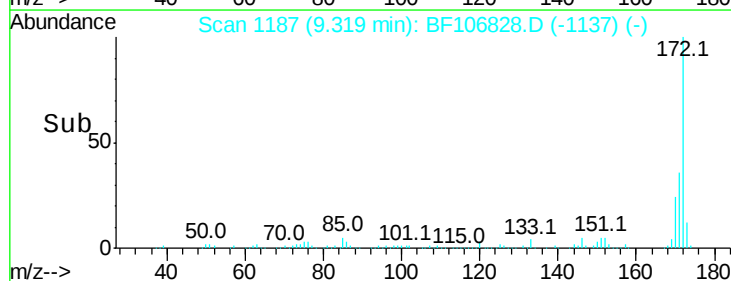
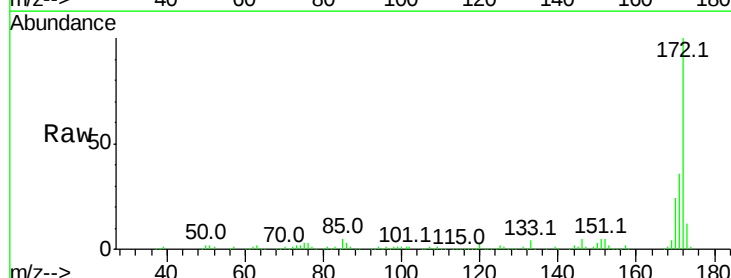
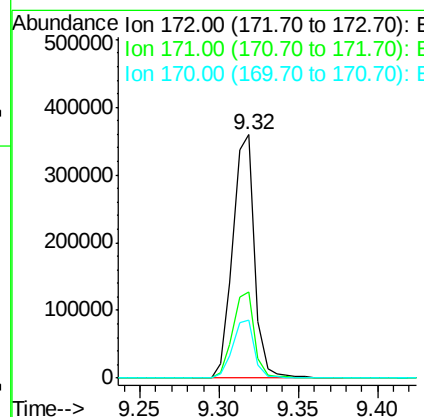
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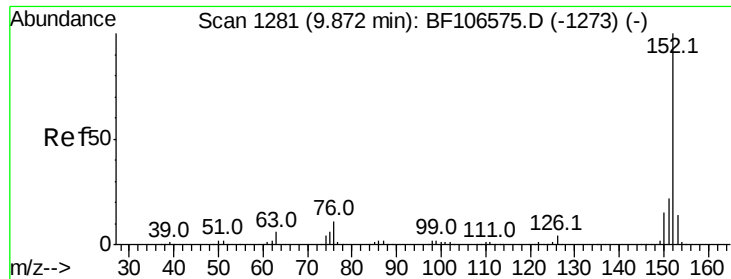
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#44
 2-Fluorobiphenyl
 Concen: 81.769 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106828.D
 Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4





#48

Acenaphthylene

Concen: 2.714 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Instrument :

BNA_F

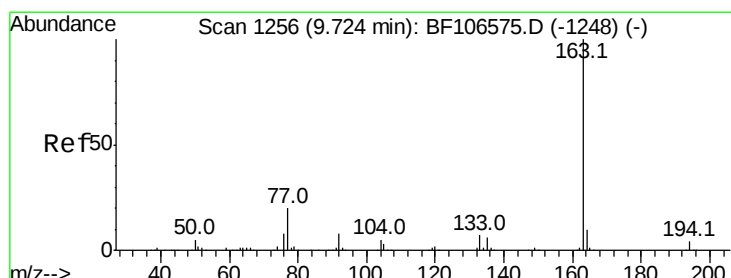
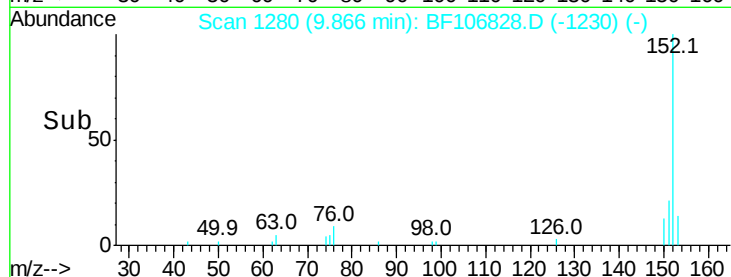
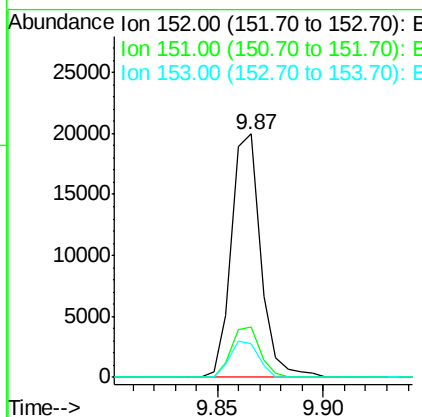
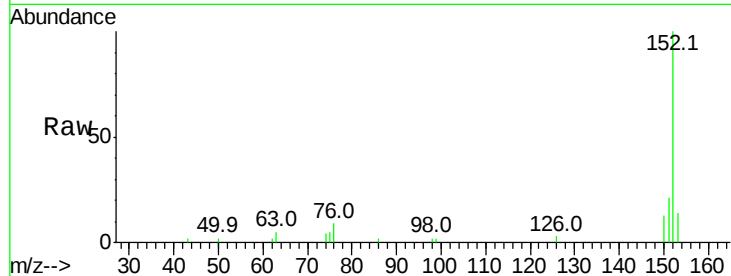
ClientSampled :

TP-2-S

Tot Ion:	152	Resp:	19090
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.6	10.7	16.1

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#49

Dimethylphthalate

Concen: 11.029 ng

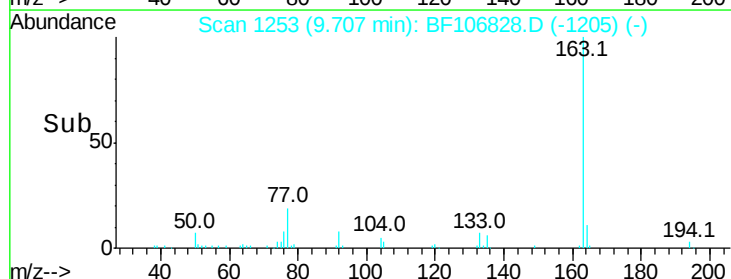
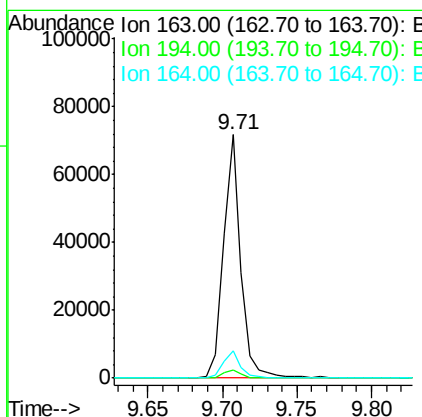
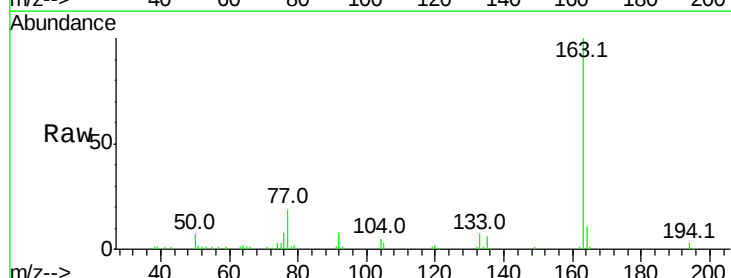
RT: 9.71 min Scan# 1253

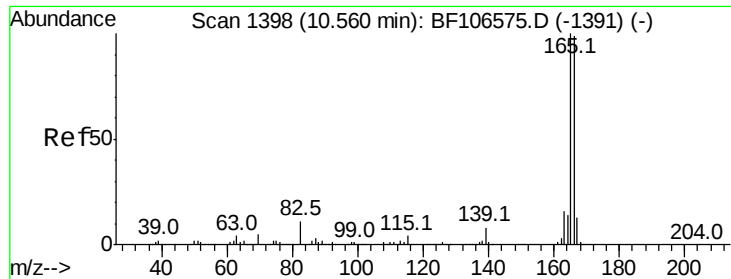
Delta R.T. -0.02 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Tgt Ion:	163	Resp:	58745
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	11.2	8.2	12.2





#57

Fluorene

Concen: 2.115 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Instrument :

BNA_F

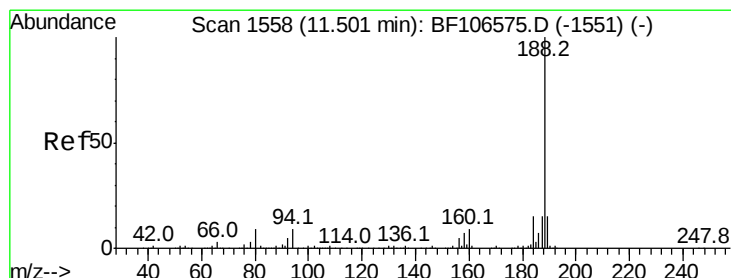
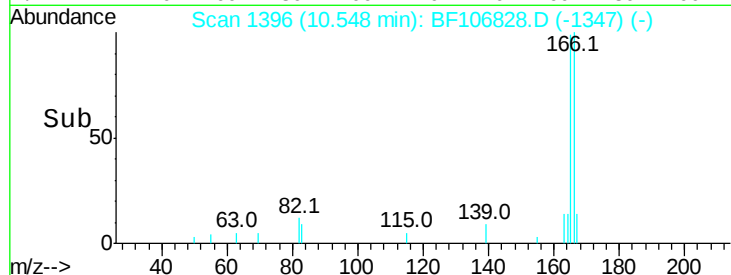
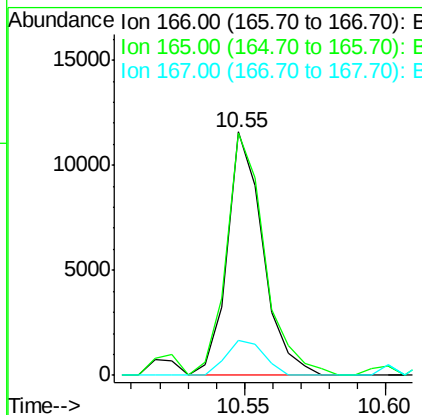
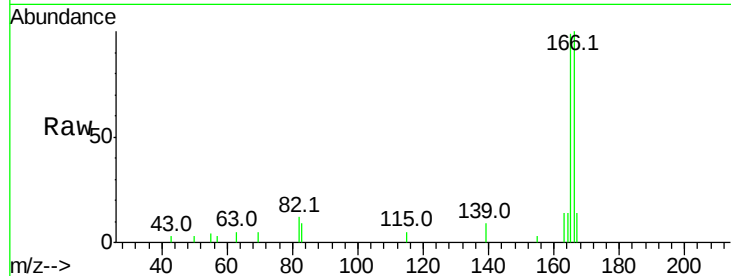
ClientSampleId :

TP-2-S

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	14.5	10.6	16.0

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

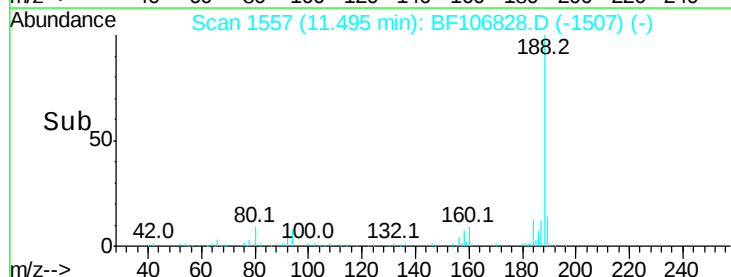
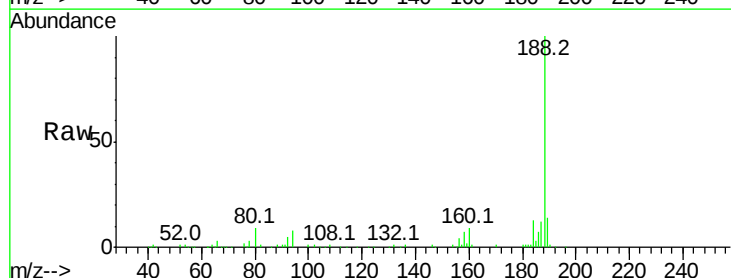
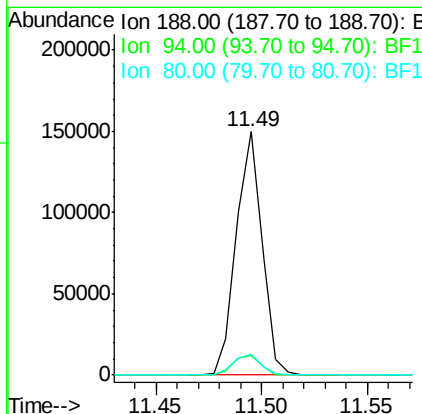
RT: 11.49 min Scan# 1557

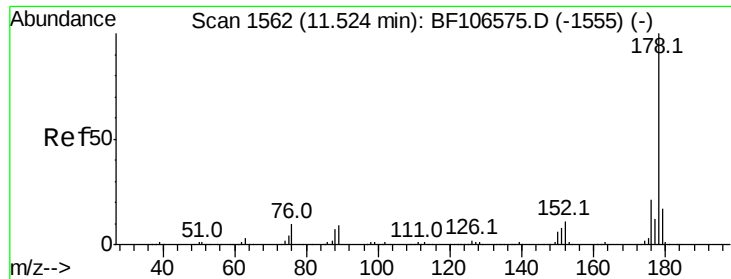
Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.6	9.2	13.8#





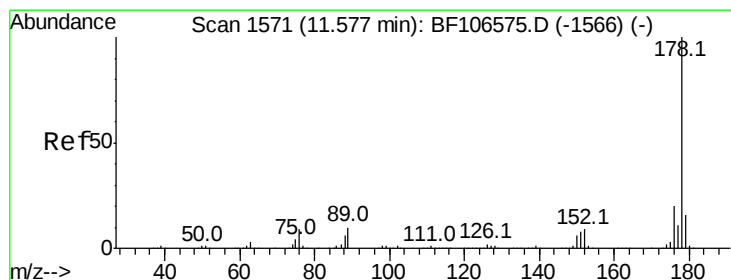
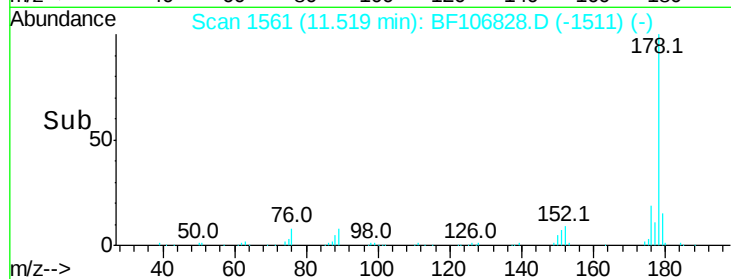
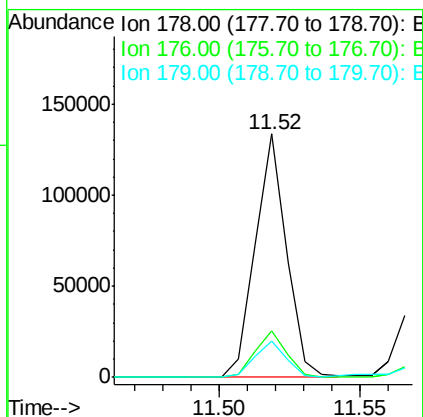
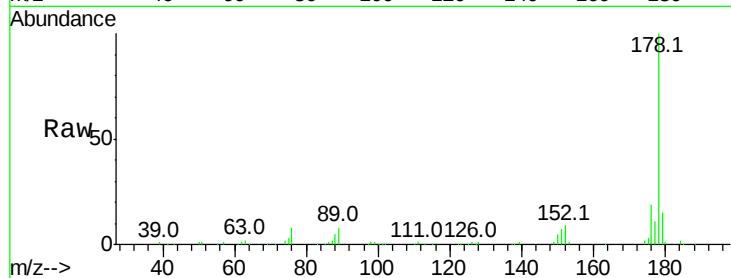
#70
Phenanthrene
Concen: 16.852 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6

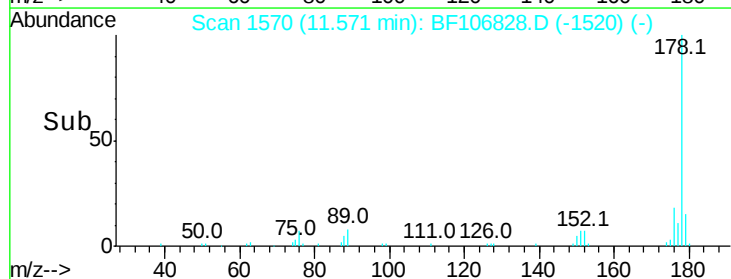
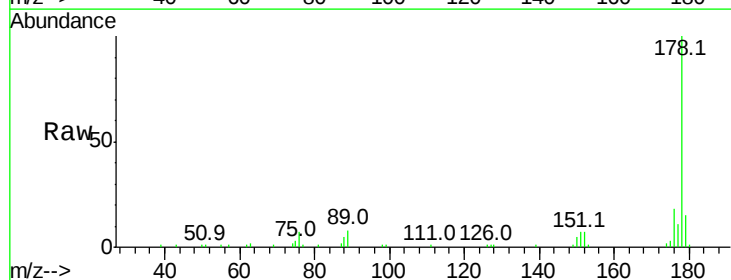
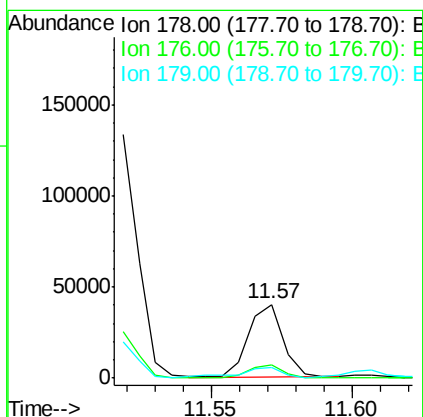
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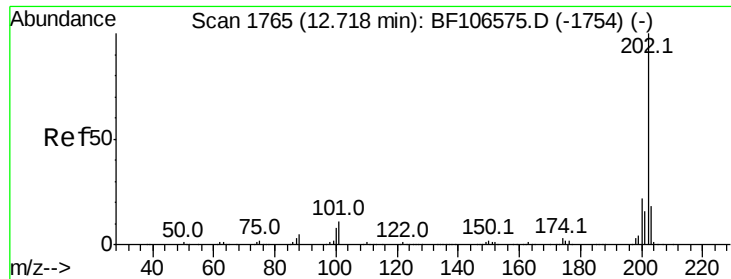
Sohil
6/27/2018 2:14:15 PM



#71
Anthracene
Concen: 5.472 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.1	12.6	19.0





#74

Fluoranthene

Concen: 31.217 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Instrument :

BNA_F

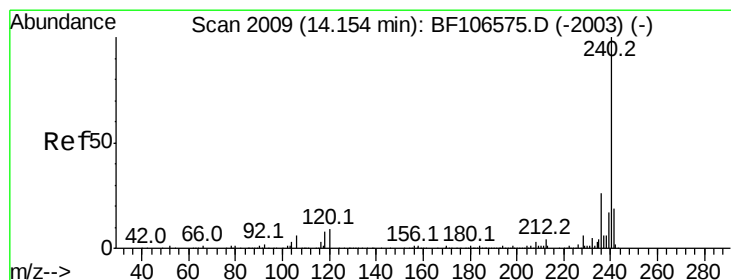
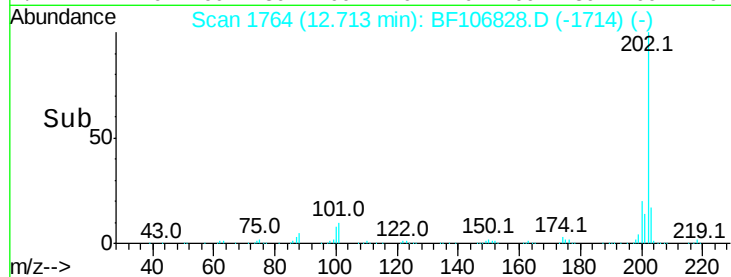
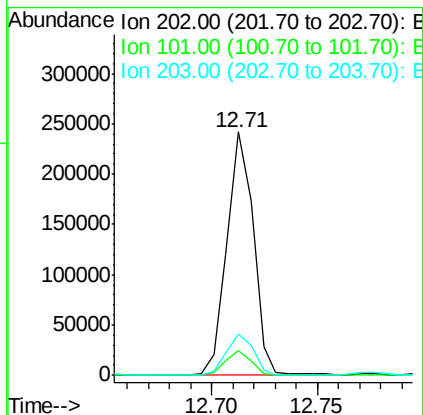
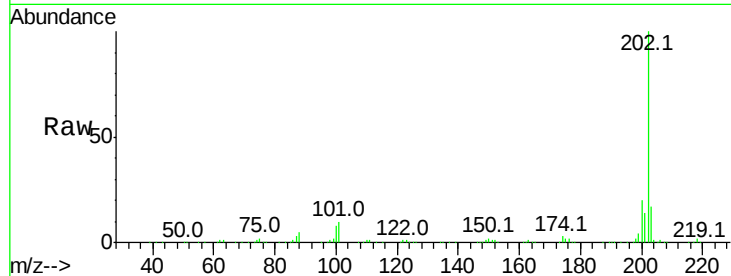
ClientSampleId :

TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
202	100	209739		
101	10.4	0.0	34.1	
203	17.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

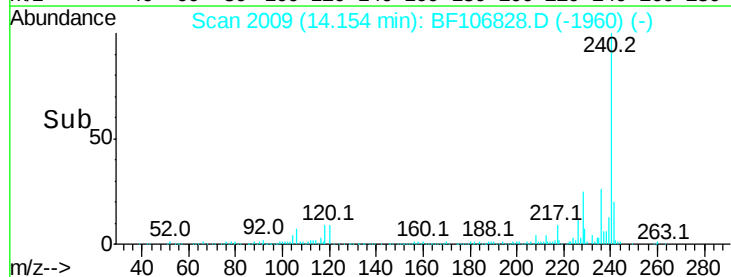
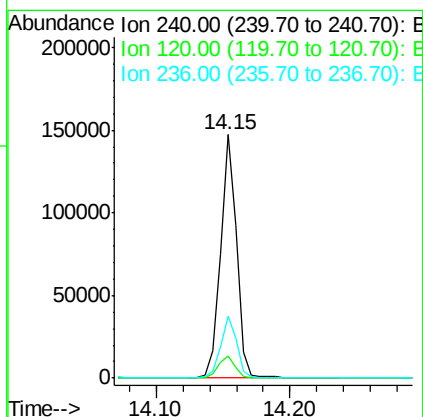
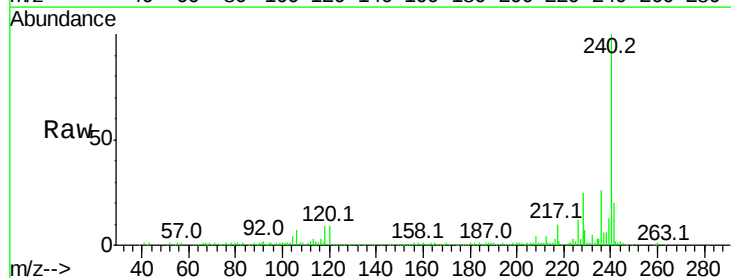
RT: 14.15 min Scan# 2009

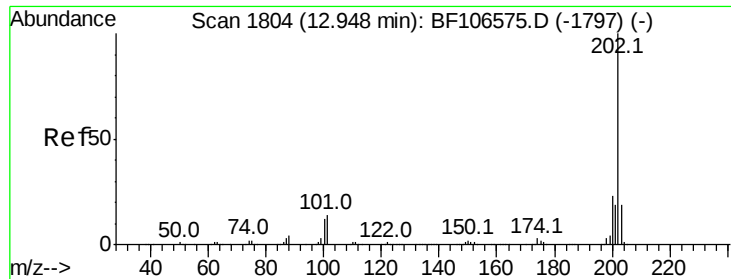
Delta R.T. -0.01 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	125756		
120	9.1	9.5	14.3#	
236	25.6	20.7	31.1	





#77

Pvrene

Concen: 23.849 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Instrument :

BNA_F

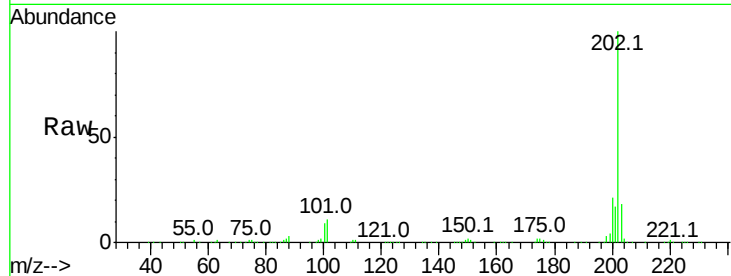
ClientSampled :

TP-2-S

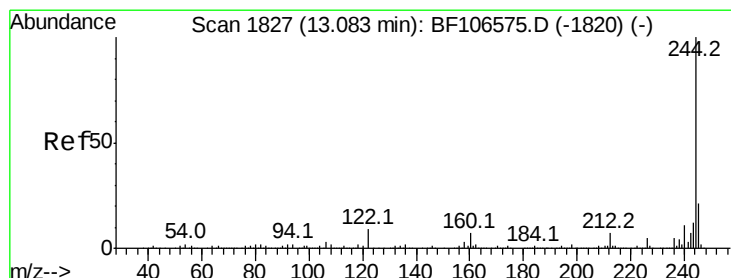
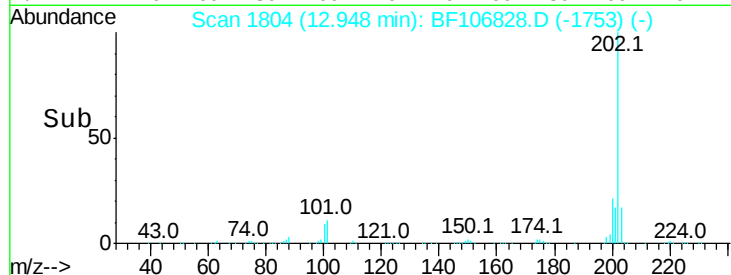
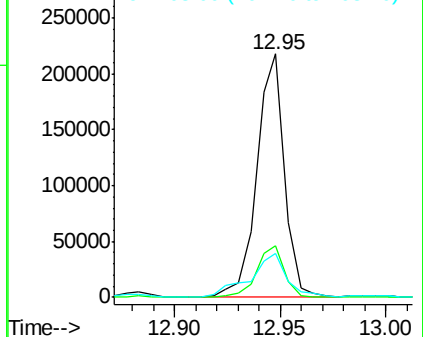
Tot Ion:	202	Resp:	197775
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5

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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: 70.885 ng

RT: 13.08 min Scan# 1826

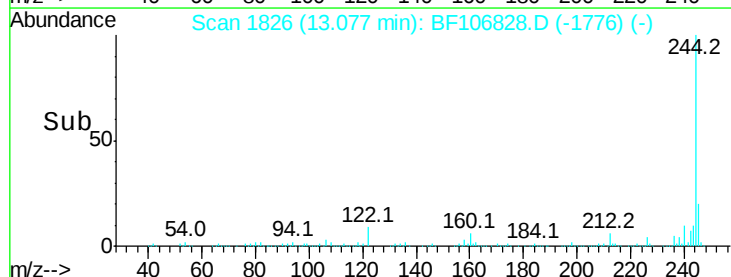
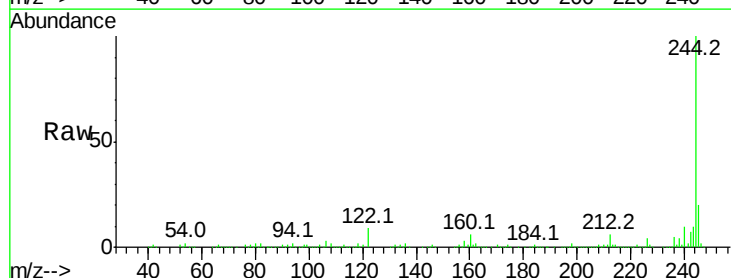
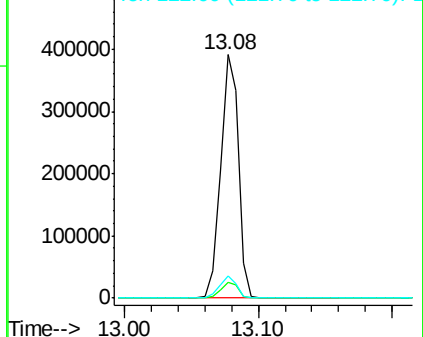
Delta R.T. -0.01 min

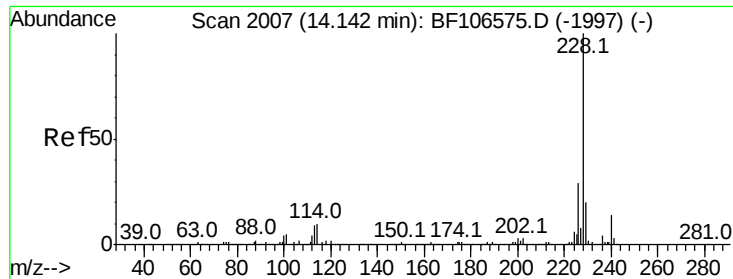
Lab File: BF106828.D

Acq: 26 Jun 2018 17:41

Tgt Ion:	244	Resp:	368005
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	9.1	11.0	16.4#

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





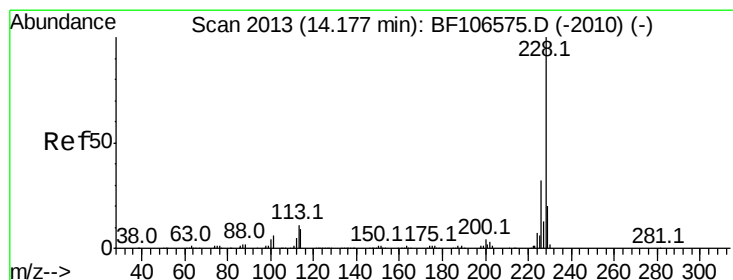
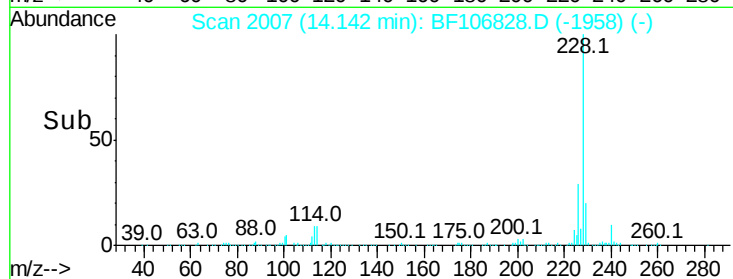
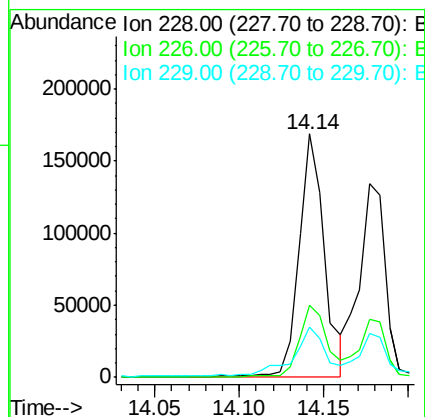
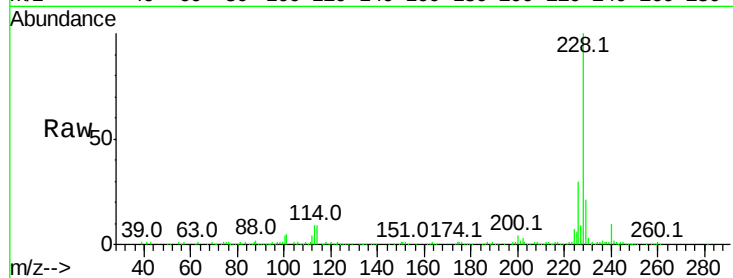
#80
Benzo(a)anthracene
Concen: 22.835 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.8	15.8	23.6

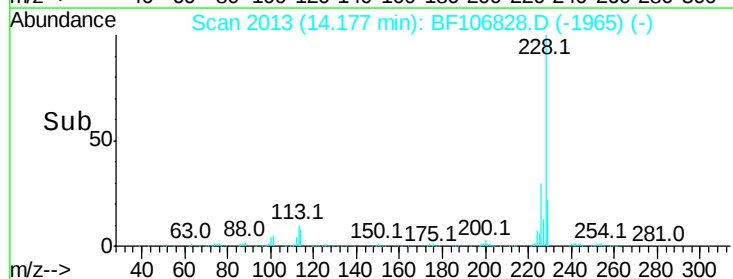
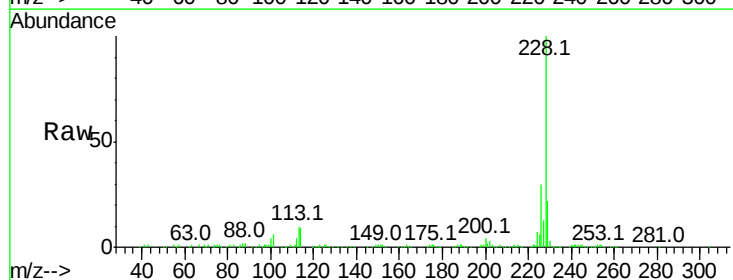
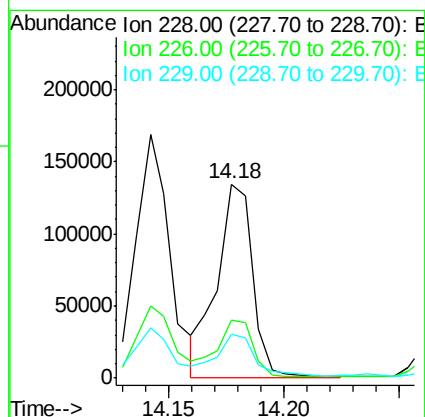
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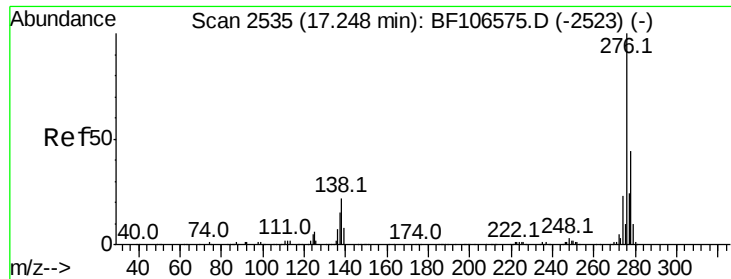
Sohil
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#82
Chrysene
Concen: 20.318 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.4	16.2	24.4





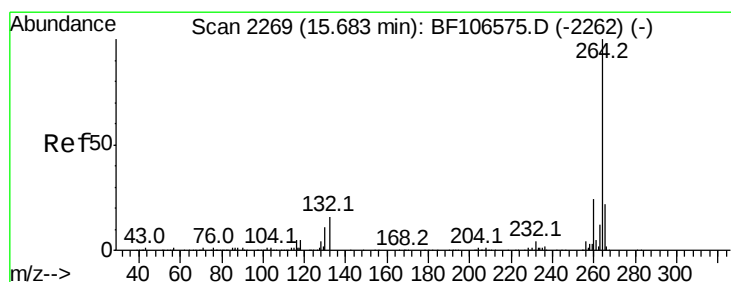
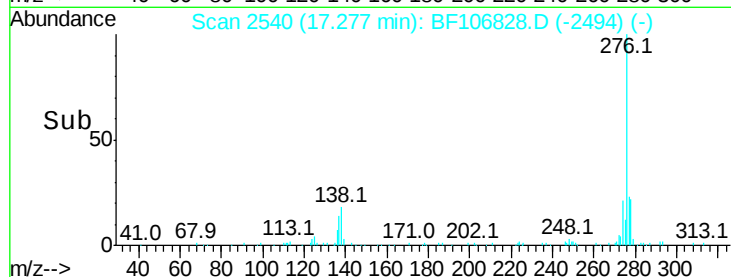
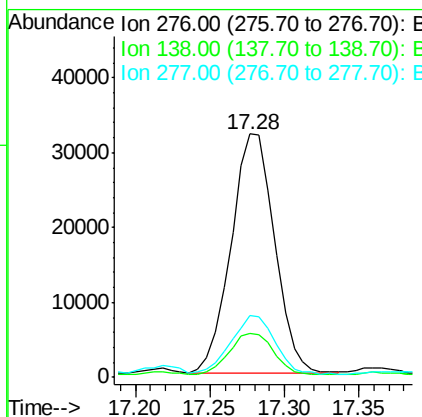
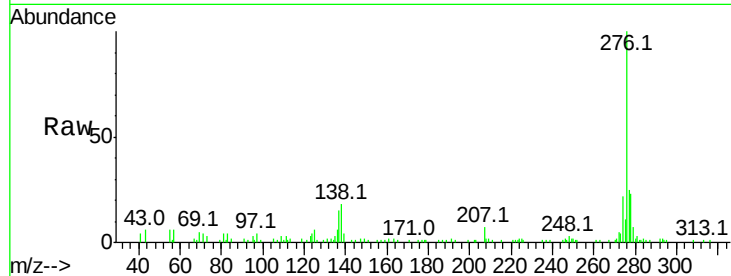
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.764 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	25.0	37.6#
277	24.8	20.1	30.1

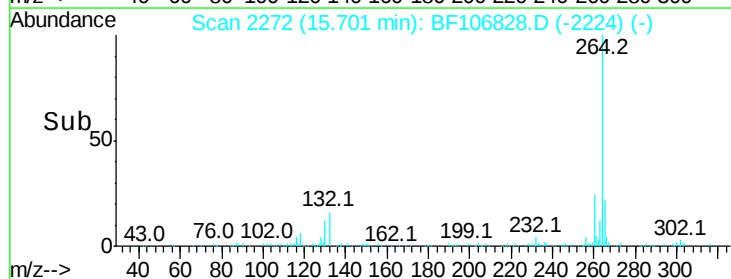
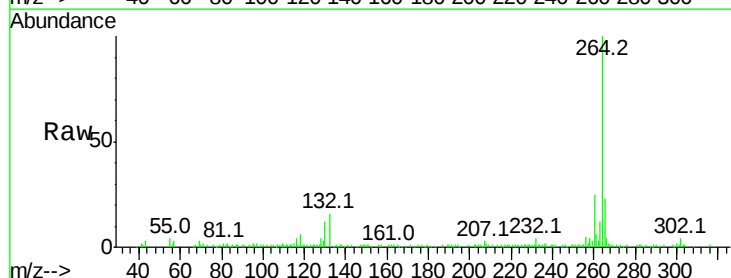
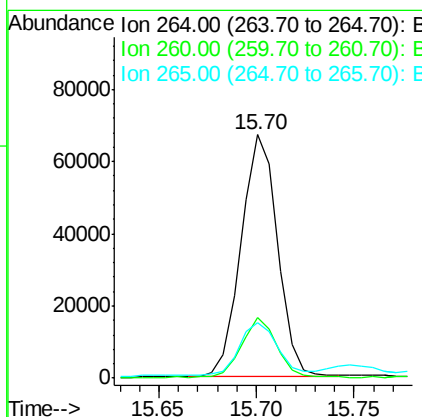
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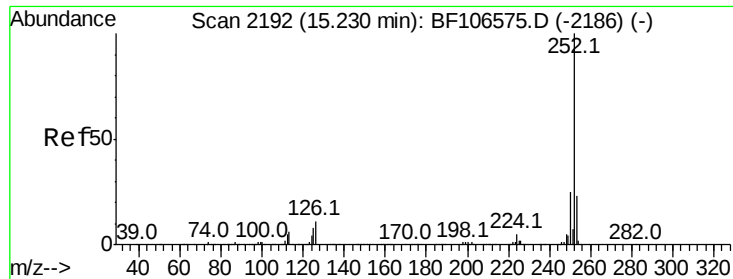
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.5	17.5	26.3





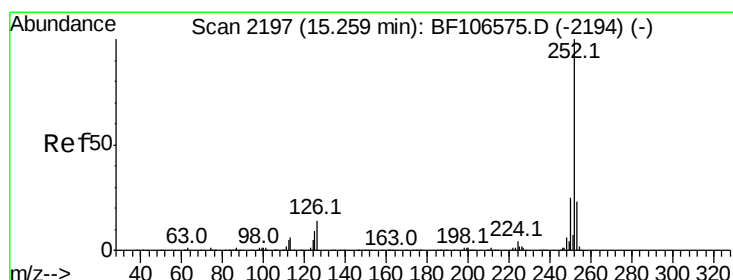
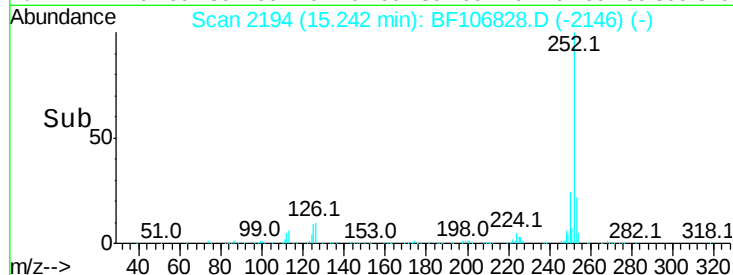
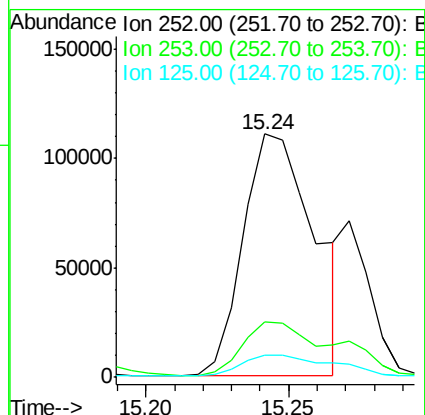
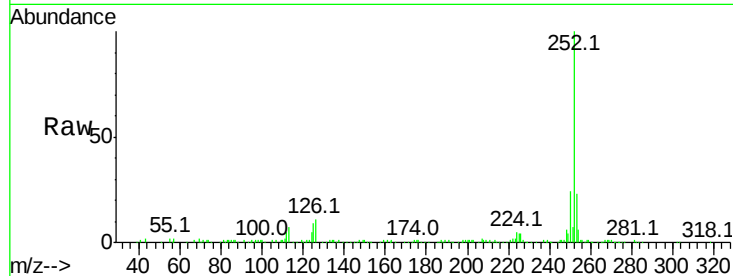
#87
Benzo(b)fluoranthene
Concen: 35.111 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	9.1	9.0	13.6

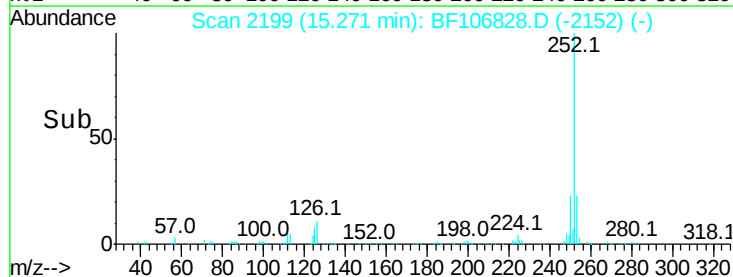
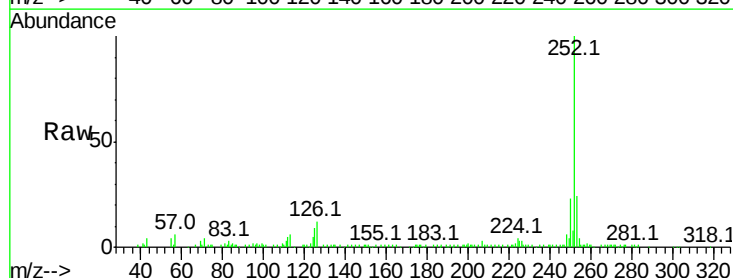
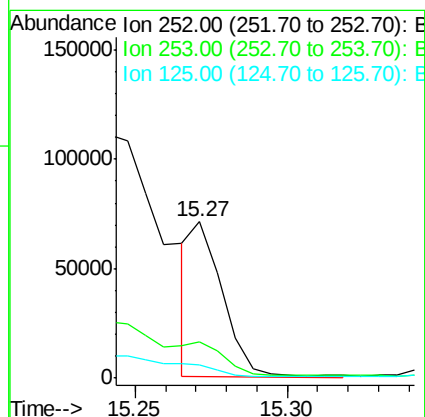
Manual Integrations
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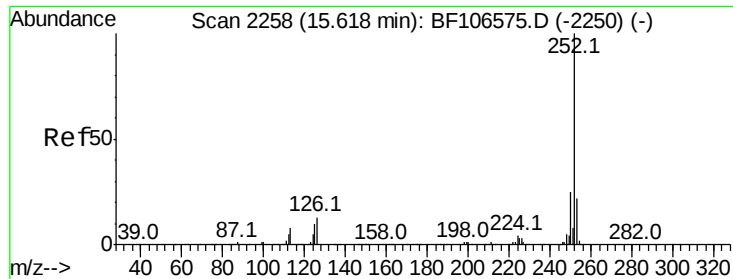
Sohil
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#88
Benzo(k)fluoranthene
Concen: 9.990 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	8.7	10.2	15.2#





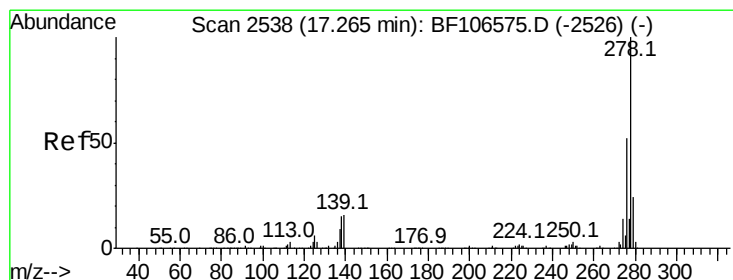
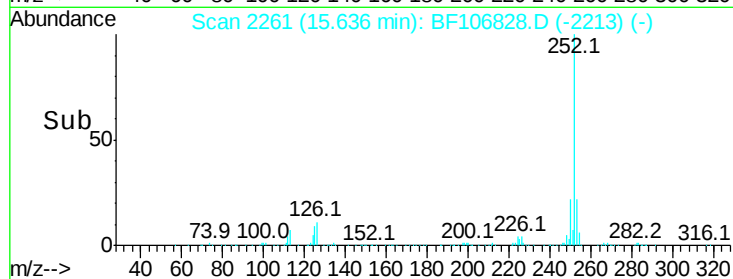
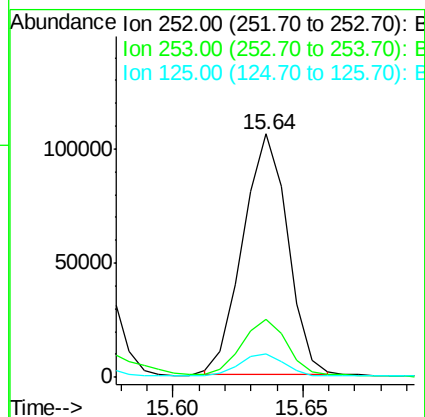
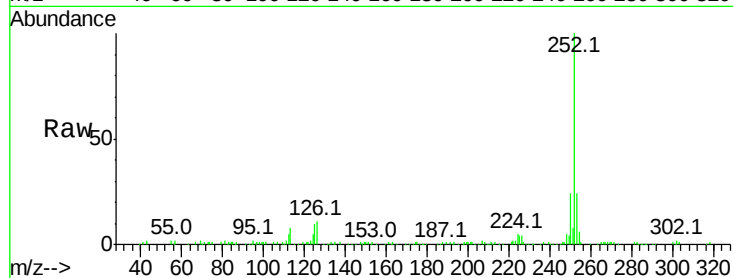
#89
Benzo(a)pyrene
Concen: 26.116 ng/ml
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	9.7	9.8	14.6

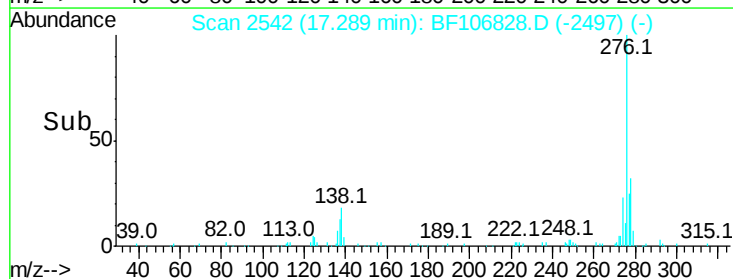
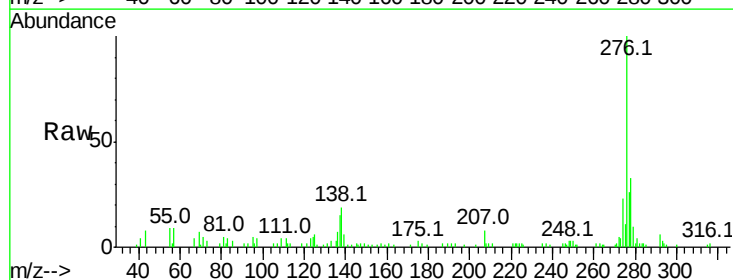
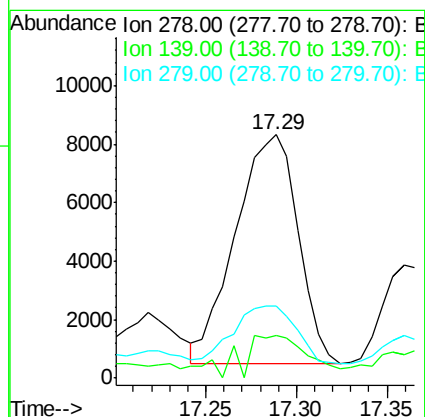
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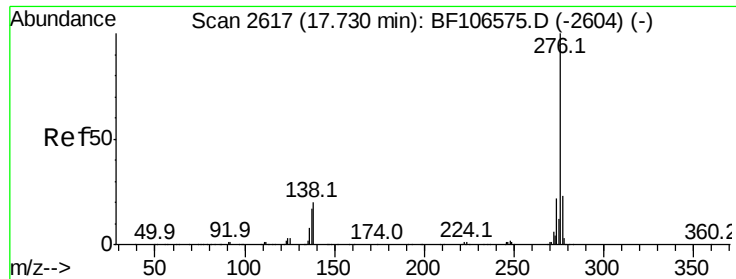
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 4.606 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF106828.D
Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	29.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 14.130 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF106828.D
 Acq: 26 Jun 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	20.0	21.8	32.8#

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