

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109681.D
 Acq On : 9 Oct 2018 7:29
 Operator : JU/SJ
 Sample : J5309-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-9

Manual Integrations
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 10/9/2018 2:58:02 PM

Quant Time: Oct 09 08:46:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	89024	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	336246	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	137145	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	229440	20.00	ng	0.00
75) Chrysene-d12	13.83	240	201087	20.00	ng	0.00
86) Perylene-d12	15.23	264	169723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	375144	74.80	ng	0.00
7) Phenol-d6	6.35	99	522851	78.04	ng	-0.01
23) Nitrobenzene-d5	7.26	82	335237	54.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	98744	66.08	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	588394	59.09	ng	0.00
78) Terphenyl-d14	12.78	244	471465	45.39	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	39575	3.935	ng	97
70) Phenanthrene	11.23	178	369146	32.150	ng	99
71) Anthracene	11.28	178	86530	7.290	ng	97
72) Carbazole	11.45	167	58392	5.072	ng	98
74) Fluoranthene	12.41	202	538282	44.875	ng	98
77) Pyrene	12.63	202	441639	29.976	ng	99
80) Benzo(a)anthracene	13.82	228	237945	21.443	ng	98
82) Chrysene	13.86	228	245590	21.070	ng	98
85) Indeno(1,2,3-cd)pyrene	16.57	276	68436	8.203	ng	95
87) Benzo(b)fluoranthene	14.83	252	226445m	24.143	ng	
88) Benzo(k)fluoranthene	14.86	252	74684m	7.925	ng	
89) Benzo(a)pyrene	15.17	252	145792	17.129	ng	97
90) Dibenzo(a,h)anthracene	16.57	278	19335	2.766	ng	99
91) Benzo(g,h,i)perylene	16.97	276	63867	9.150	ng	97

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

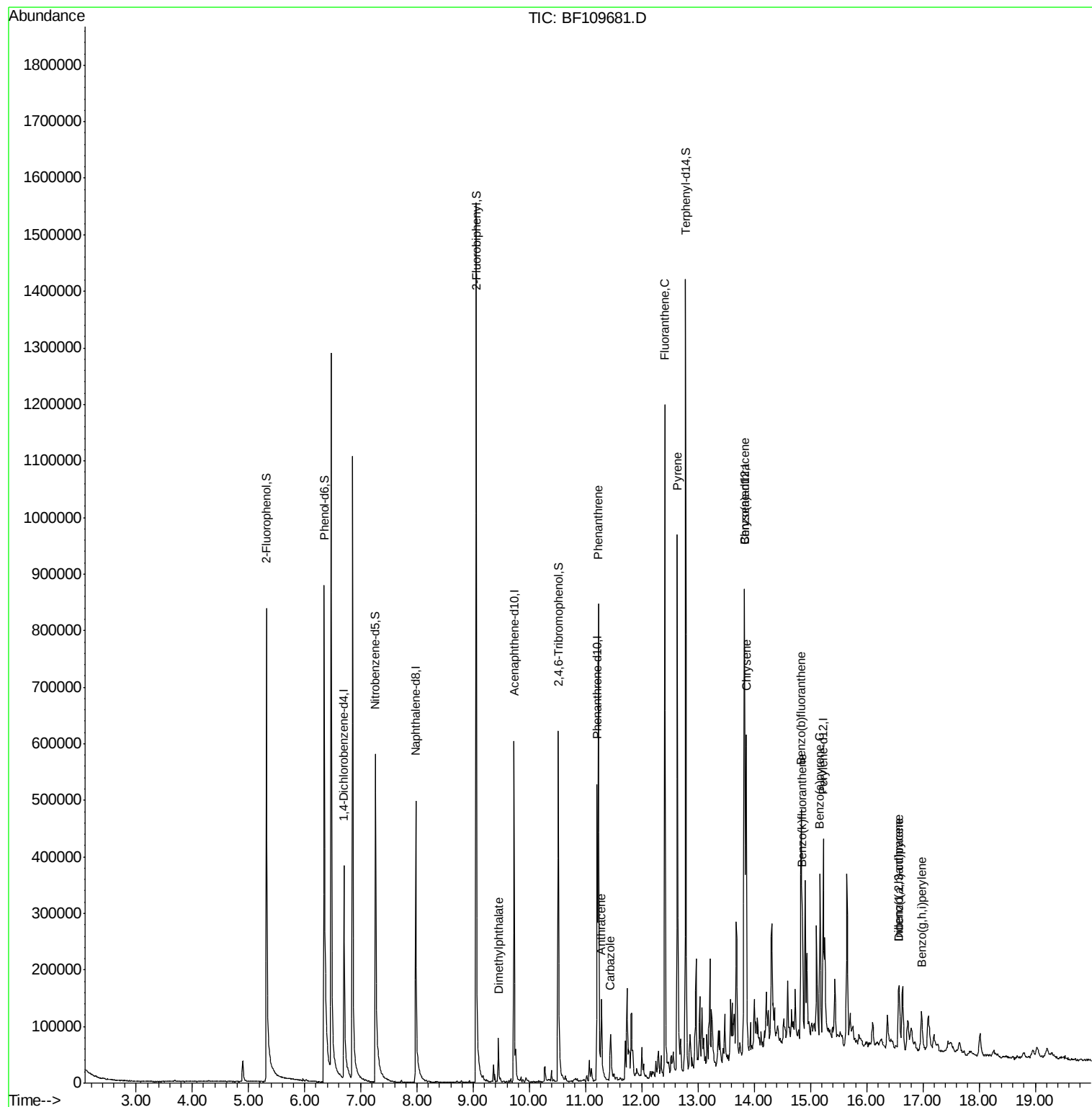
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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ALS Vial : 30 Sample Multiplier: 1

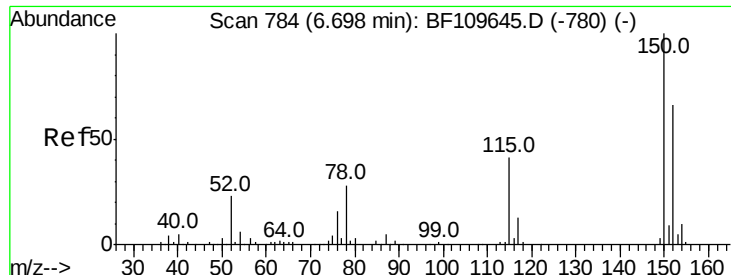
Instrument :
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#1

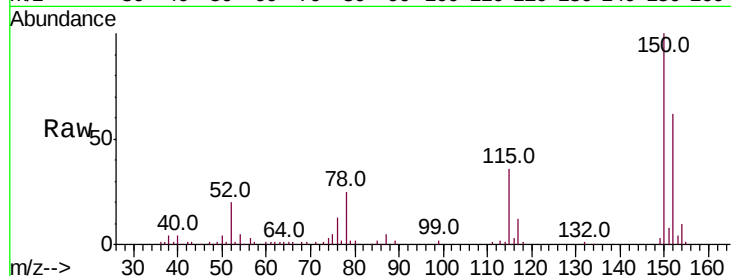
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampled :
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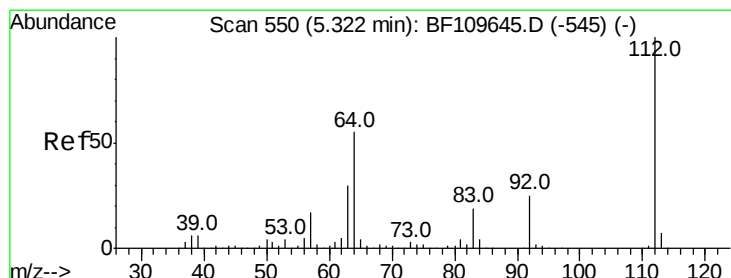
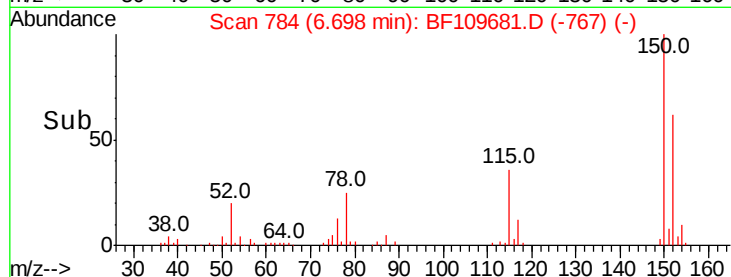
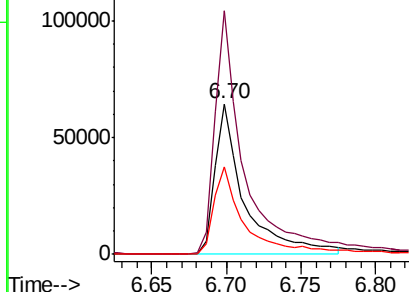
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	122.7	184.1
115	58.4	49.1	73.7

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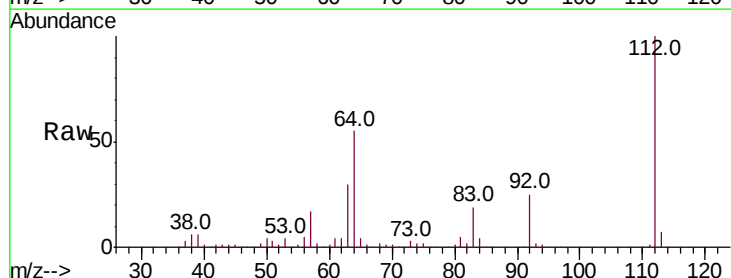
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



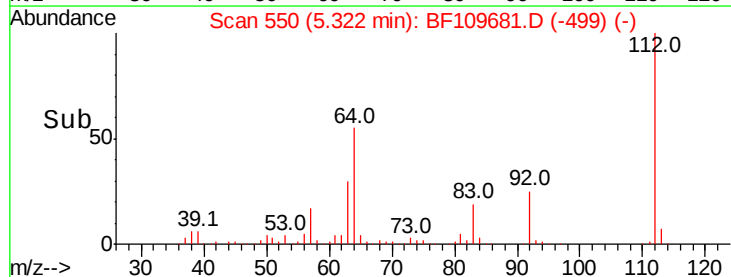
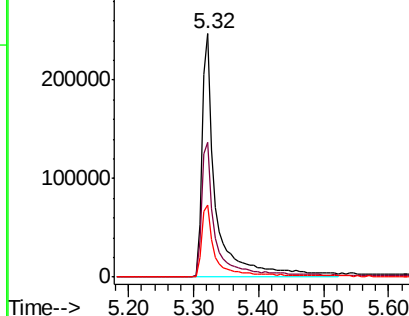
#5

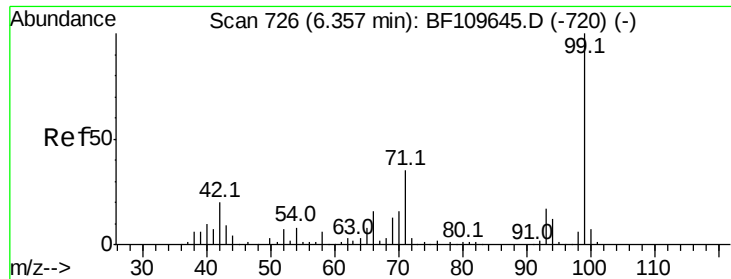
2-Fluorophenol
Concen: 74.799 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.1	66.1
63	29.8	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: 78.038 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Instrument :

BNA_F

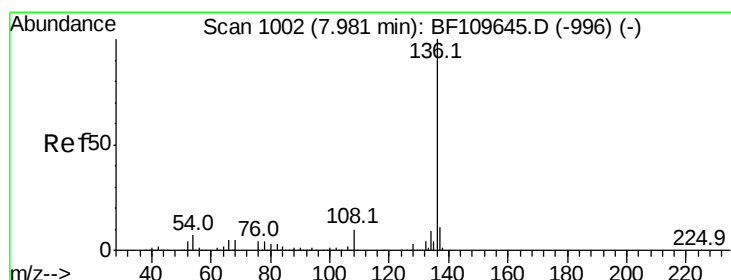
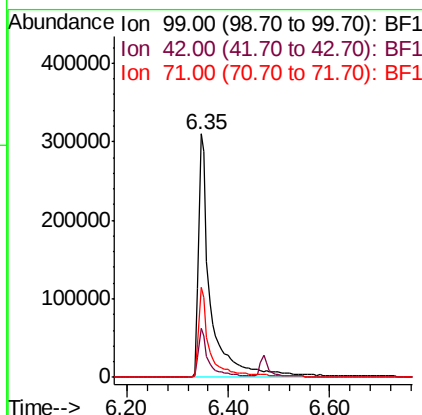
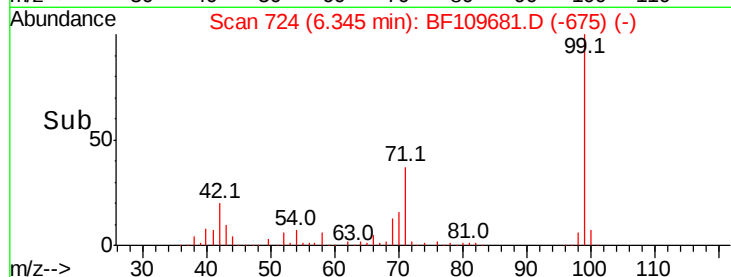
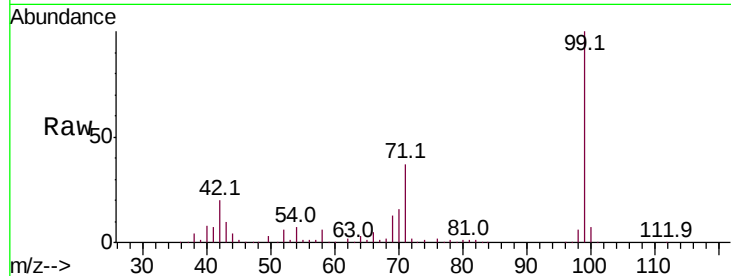
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Tot Ion	Ratio	Resp	Lower	Upper
99	100	522851		
42	19.9	15.8	23.6	
71	36.8	28.0	42.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

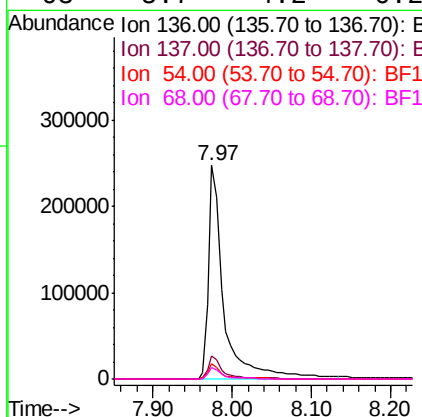
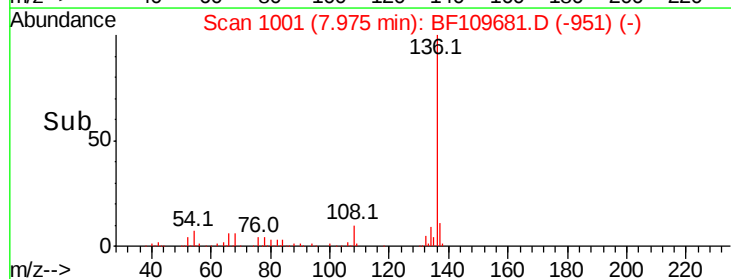
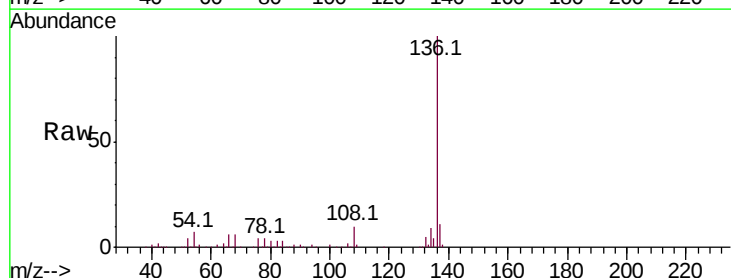
RT: 7.97 min Scan# 1001

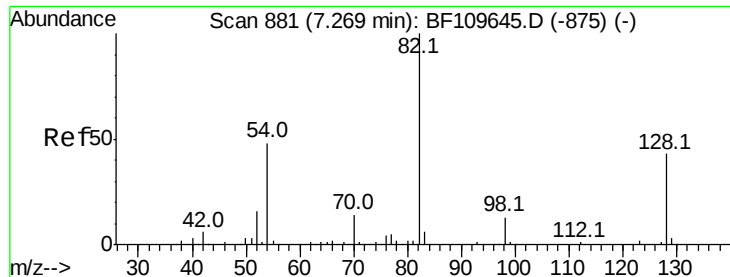
Delta R.T. -0.01 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	336246		
137	10.5	8.8	13.2	
54	7.2	5.4	8.2	
68	5.7	4.2	6.2	





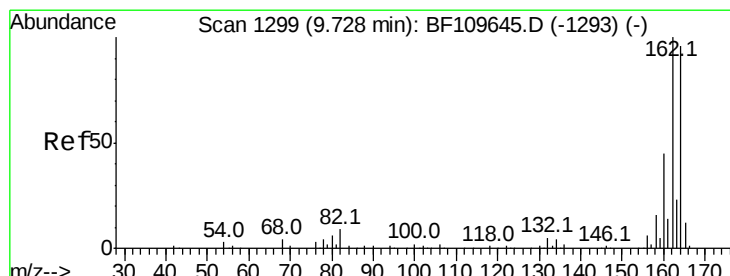
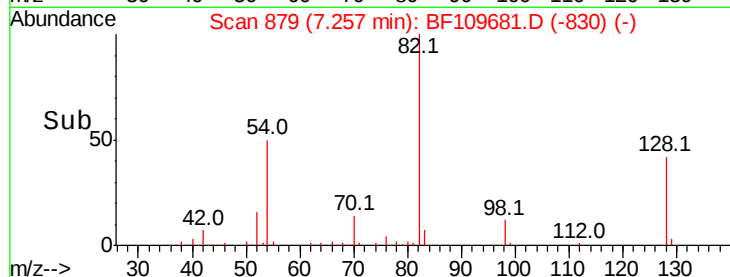
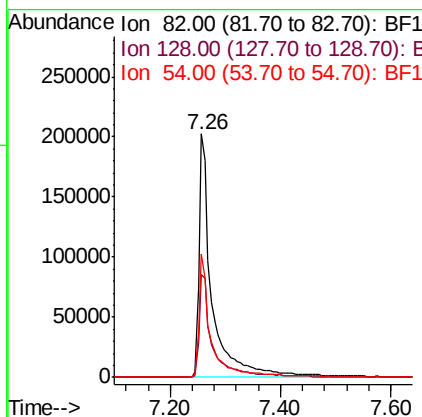
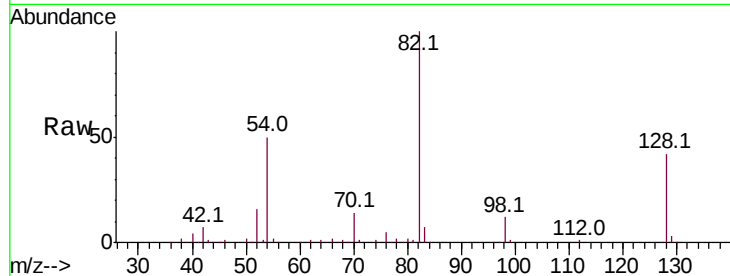
#23
Nitrobenzene-d5
Concen: 54.958 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
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ClientSampled :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	50.5	38.6	58.0

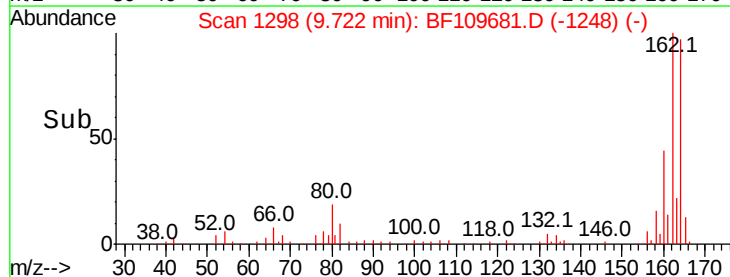
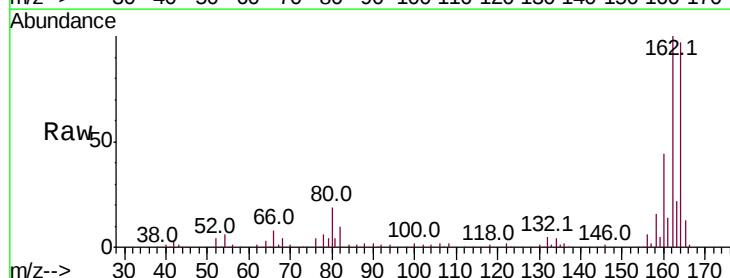
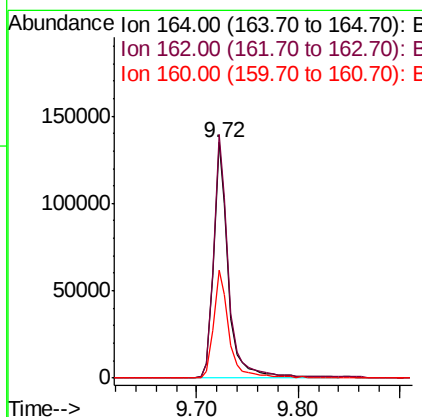
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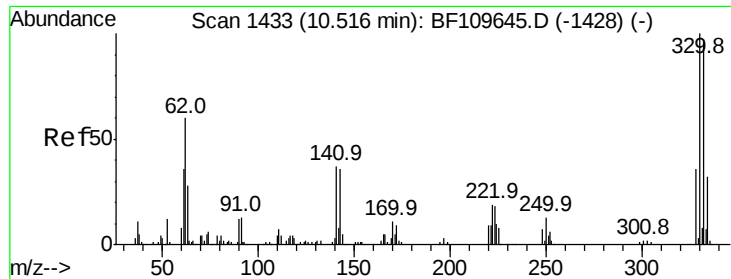
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	45.7	37.0	55.6





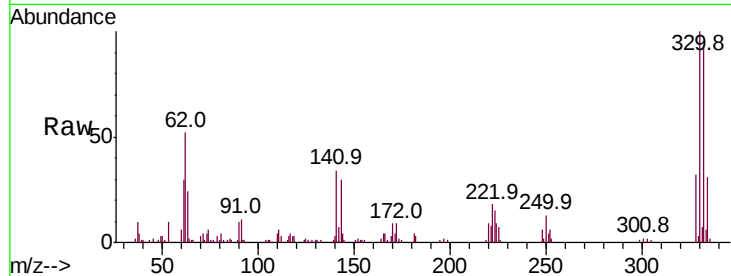
#41
 2,4,6-Tribromophenol
 Concen: 66.079 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Instrument :
 BNA_F
 ClientSampled :
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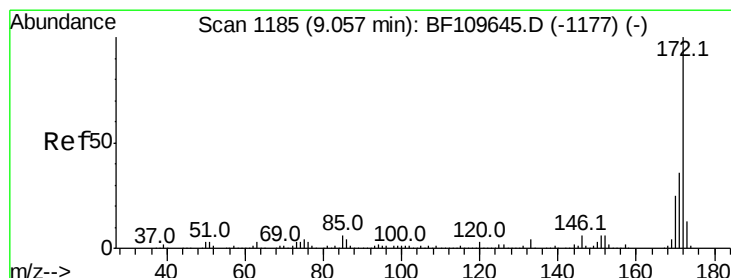
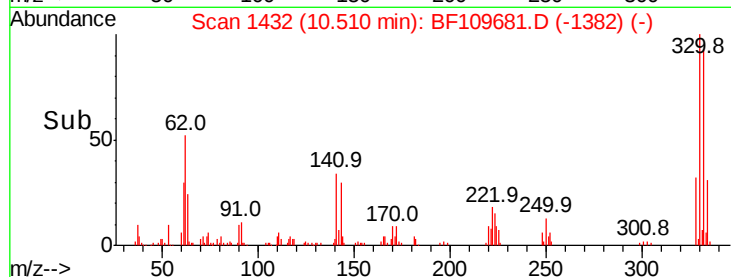
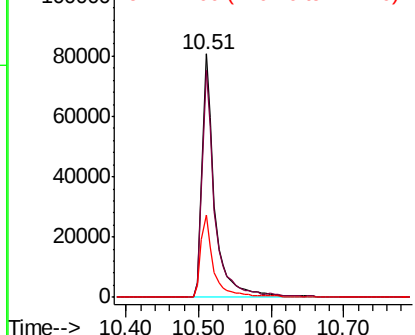
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.1	115.7
141	34.4	27.0	40.4

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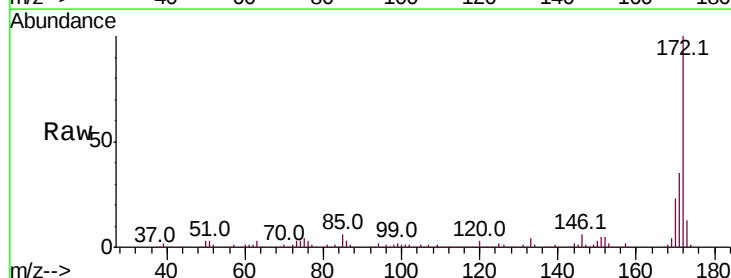


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

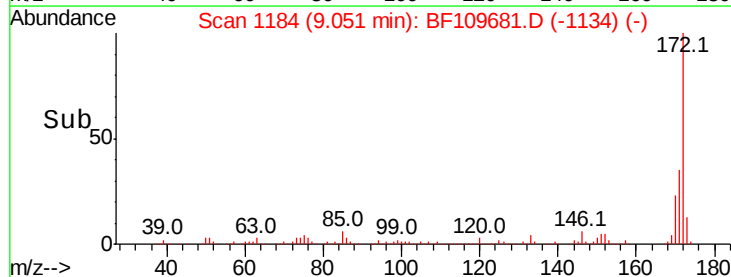
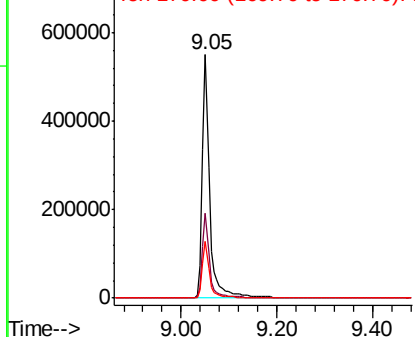


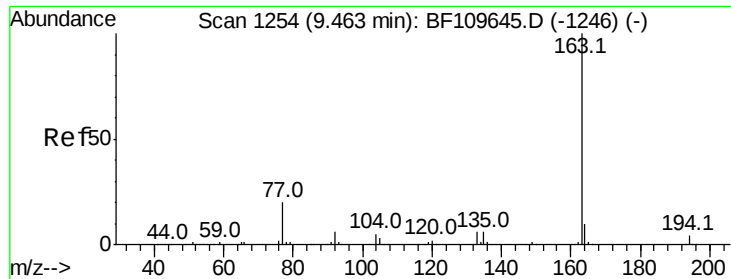
#44
 2-Fluorobiphenyl
 Concen: 59.088 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.4	19.7	29.5



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





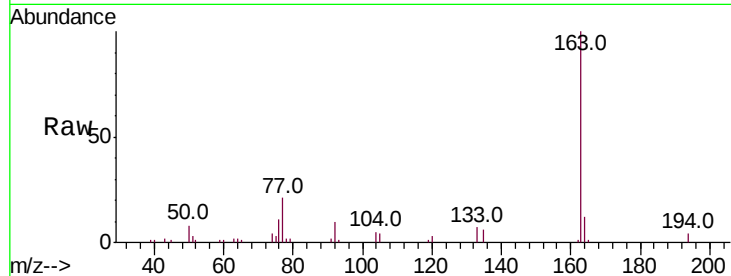
#49
Dimethylphthalate
Concen: 3.935 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
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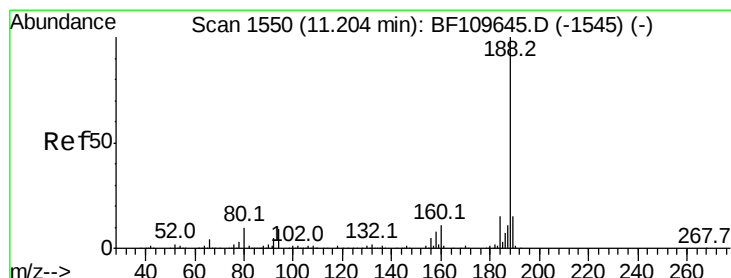
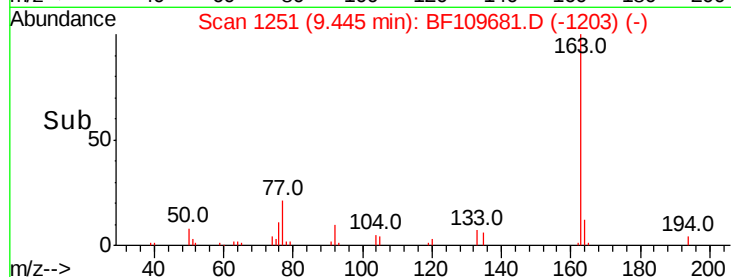
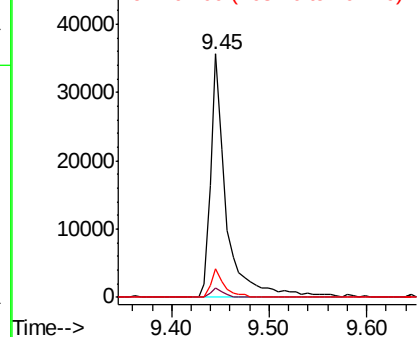
Tot Ion	Ratio	Resp	Lower	Upper
163	100	39575		
194	3.6		3.2	4.8
164	11.7		8.1	12.1

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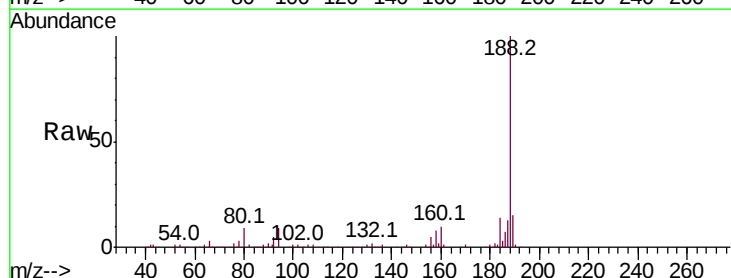


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

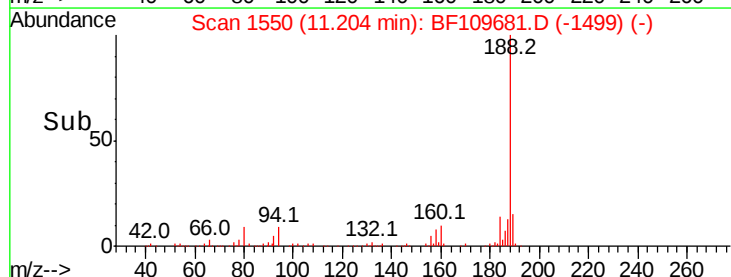
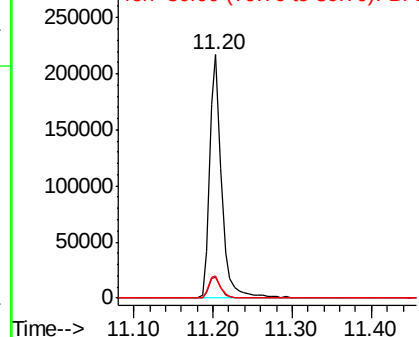


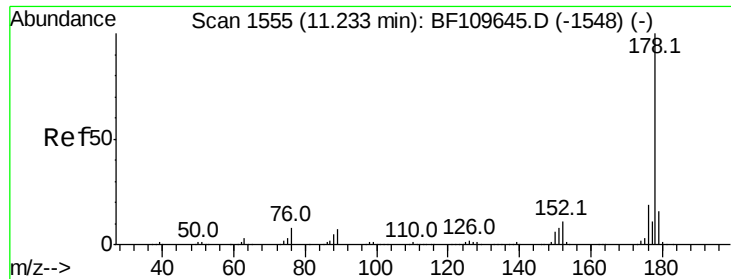
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	229440		
94	8.6		7.2	10.8
80	9.0		7.9	11.9



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





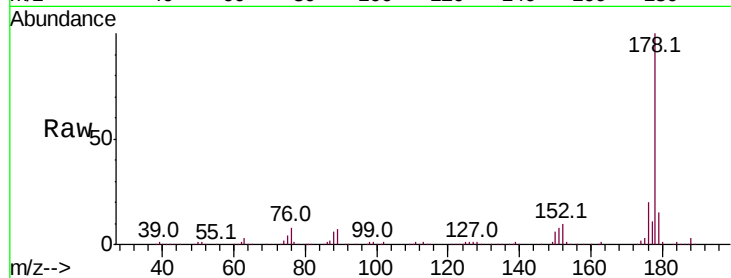
#70
Phenanthrene
Concen: 32.150 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109681.D
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Instrument :
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ClientSampled :
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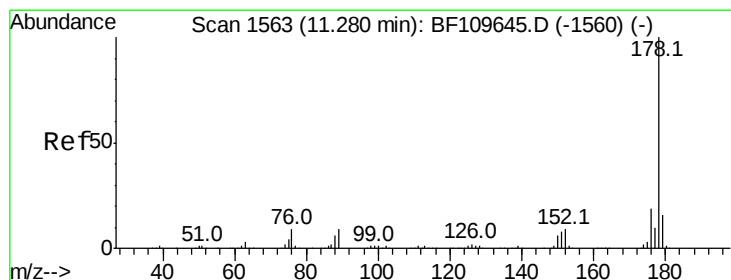
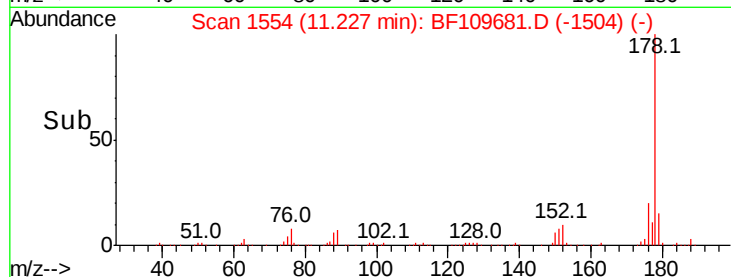
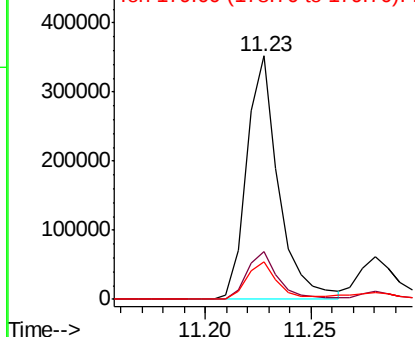
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.4	12.5	18.7

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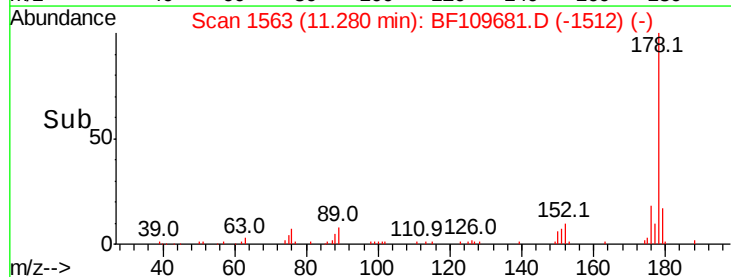
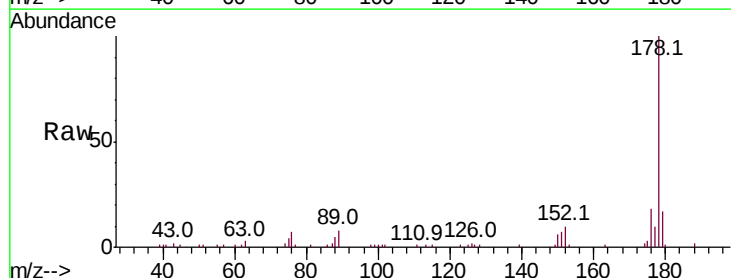
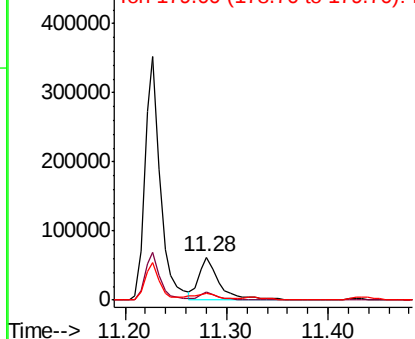
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

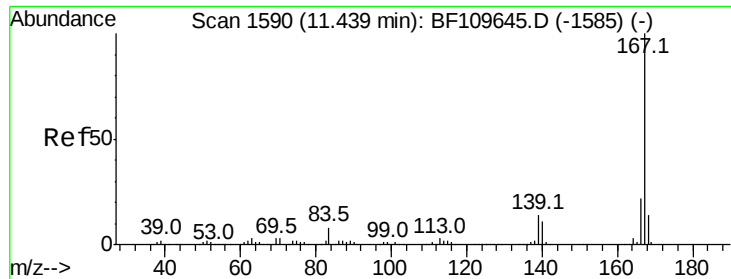


#71
Anthracene
Concen: 7.290 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.0	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





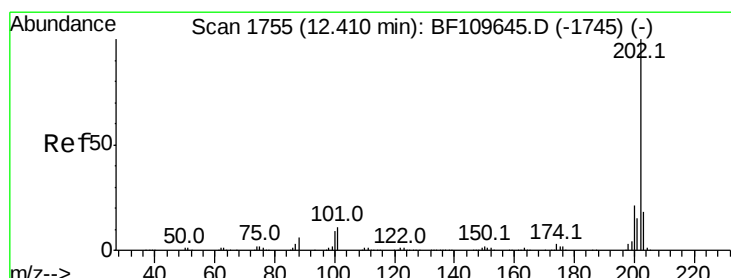
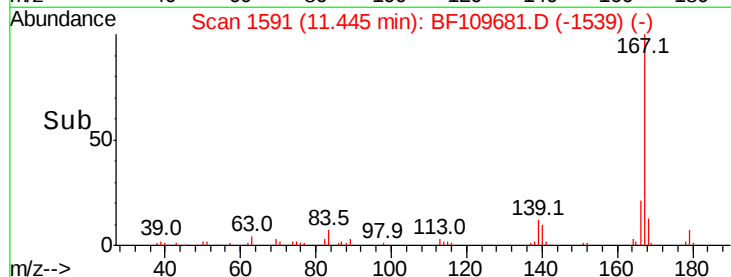
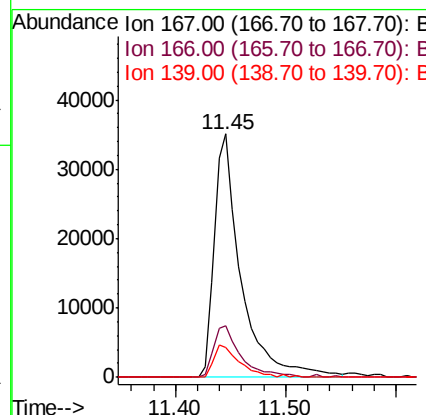
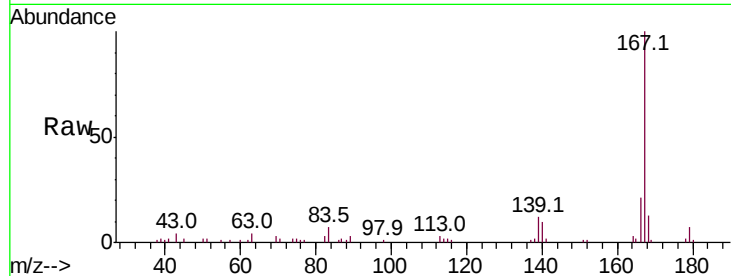
#72
 Carbazole
 Concen: 5.072 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.1	10.9	16.3

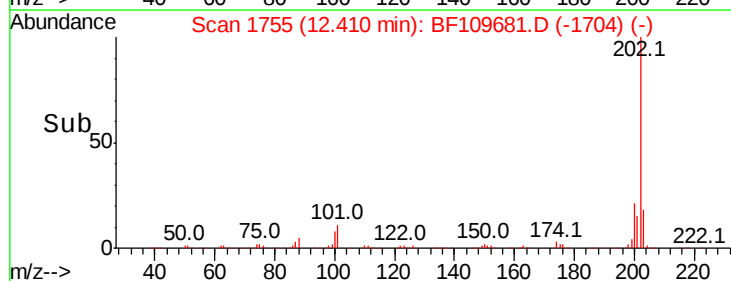
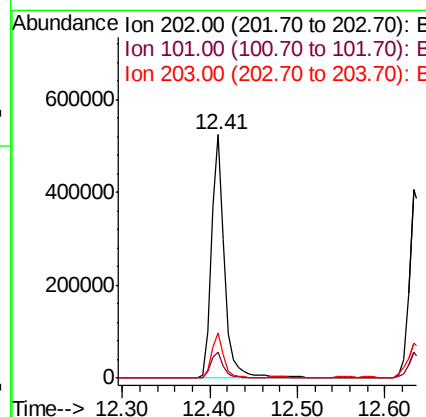
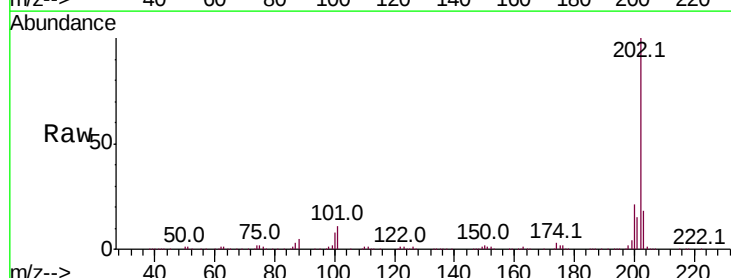
Manual Integrations
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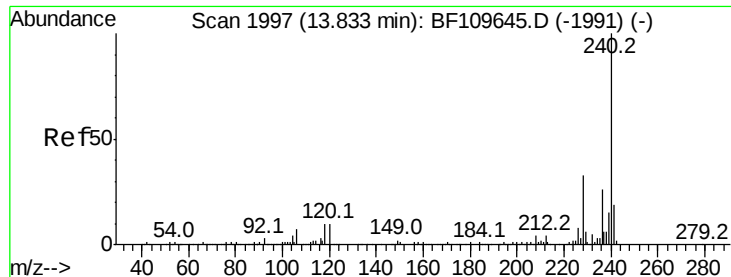
Sohil
 10/9/2018 2:58:02 PM



#74
 Fluoranthene
 Concen: 44.875 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	18.3	0.0	37.7





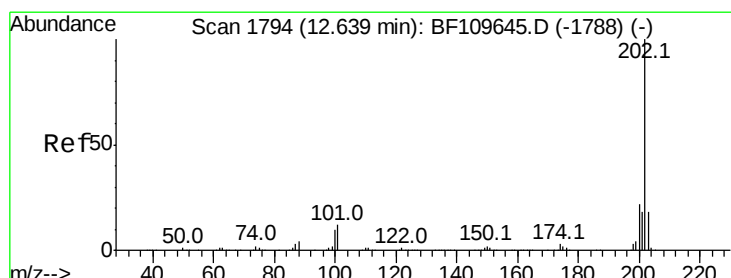
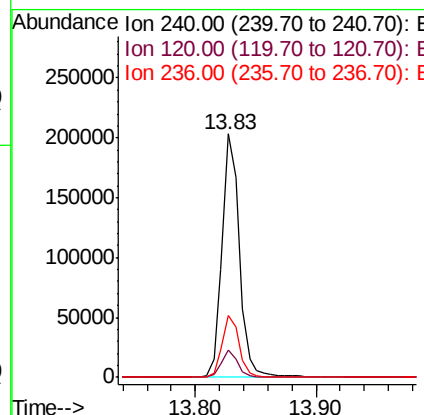
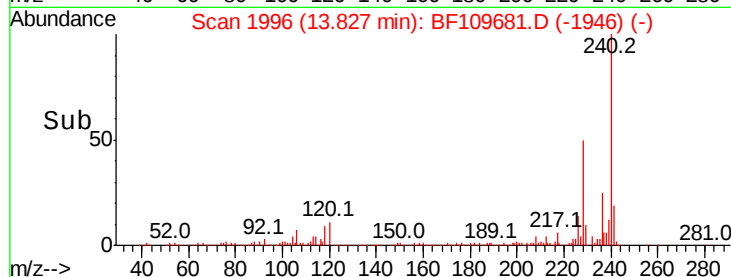
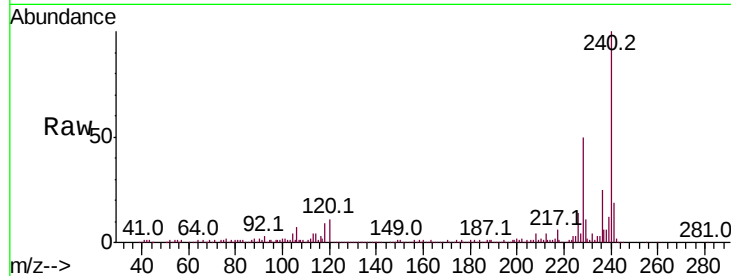
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampled :
S-9

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.0	8.3	12.5	
236	25.5	21.2	31.8	

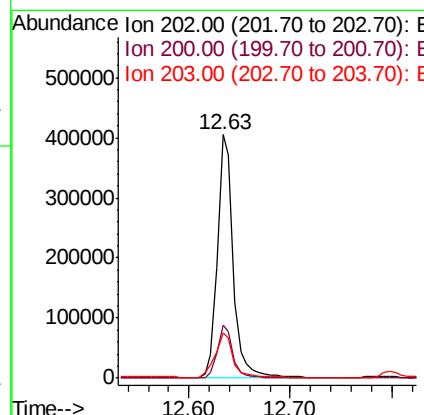
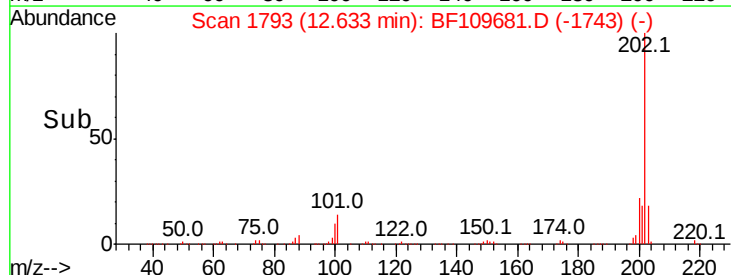
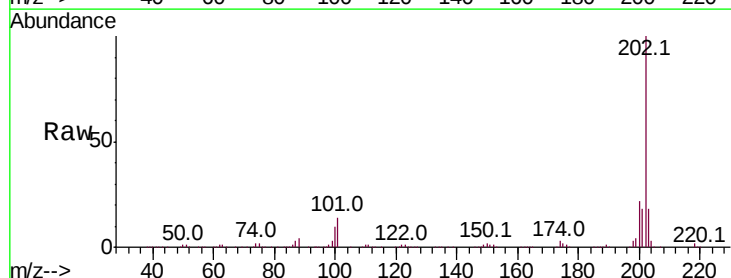
Manual Integrations
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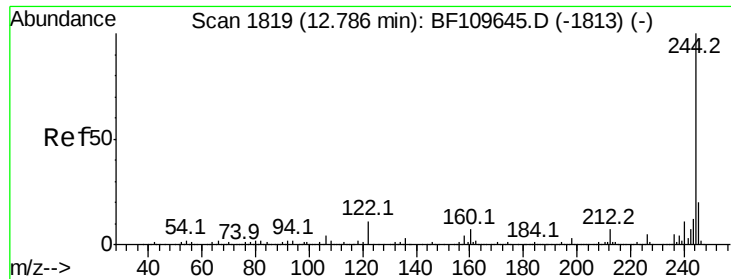
Sohil
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#77
Pyrene
Concen: 29.976 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.8	26.6	
203	18.5	14.2	21.4	





#78

Terphenyl-d14

Concen: 45.387 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Instrument :

BNA_F

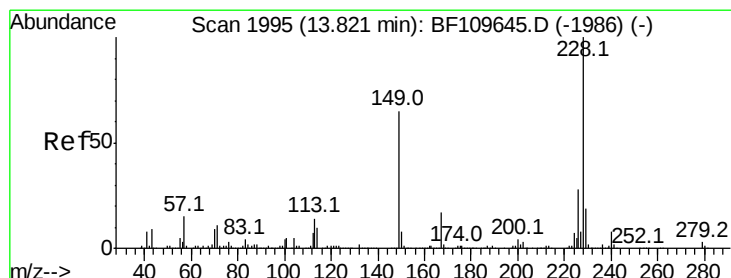
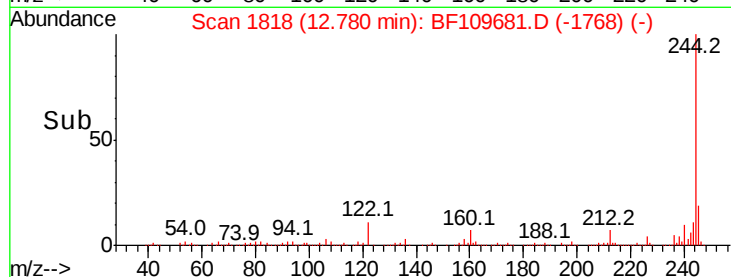
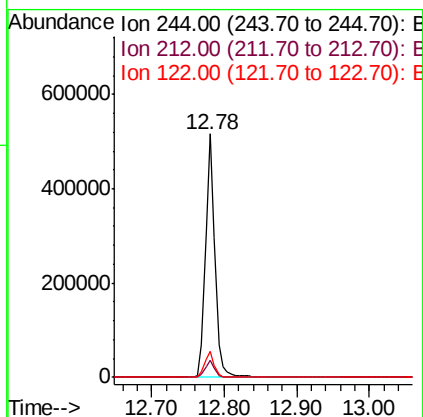
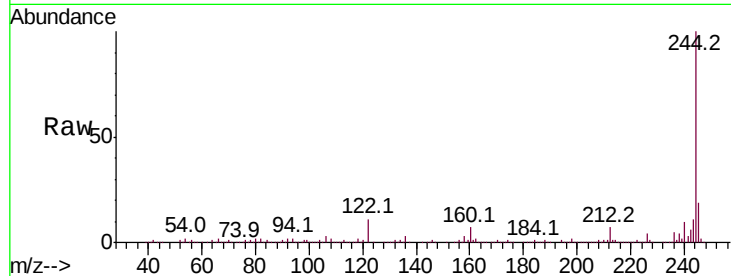
ClientSampled :

S-9

Tot Ion:	244	Resp:	471465
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	10.5	8.7	13.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 21.443 ng

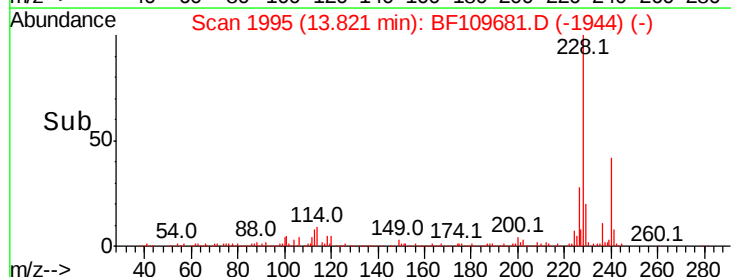
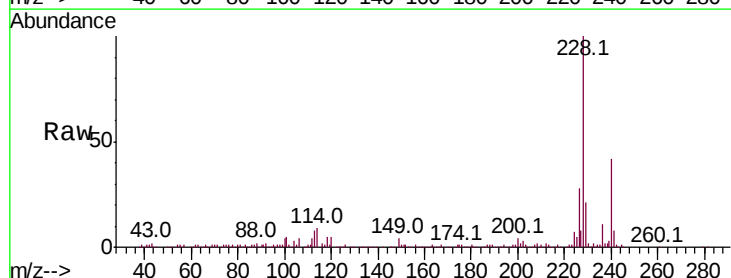
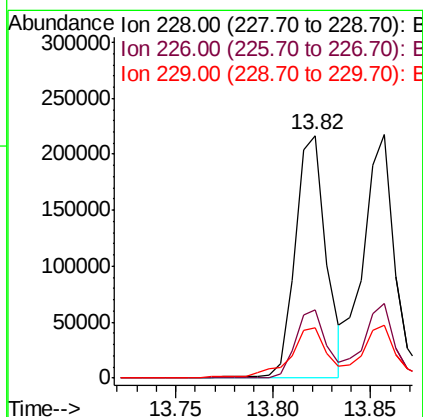
RT: 13.82 min Scan# 1995

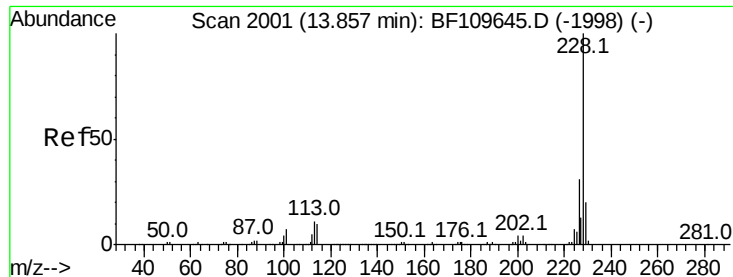
Delta R.T. -0.00 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Tgt Ion:	228	Resp:	237945
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.1	33.1
229	20.7	15.6	23.4





#82

Chrysene

Concen: 21.070 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Instrument :

BNA_F

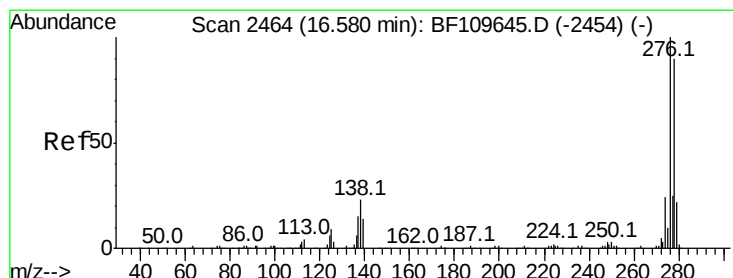
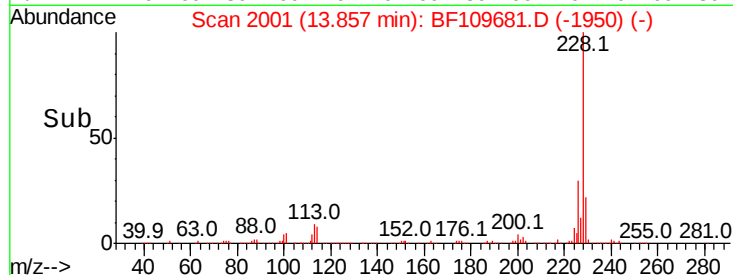
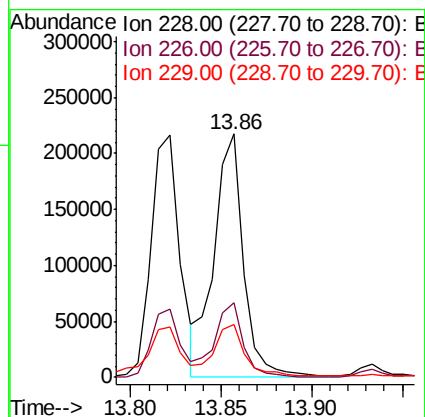
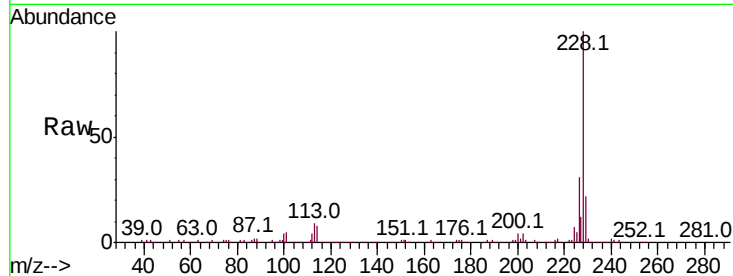
ClientSampled :

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Tot Ion:	228	Resp:	245590
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.7	37.1
229	21.9	15.9	23.9

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 8.203 ng

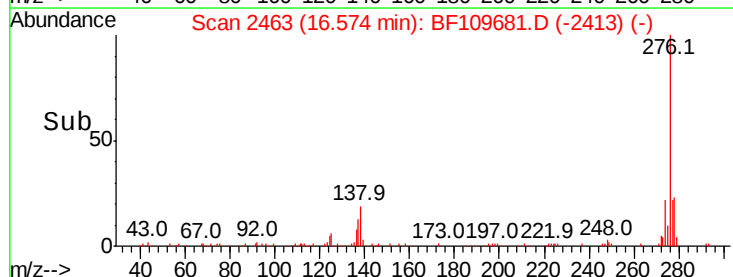
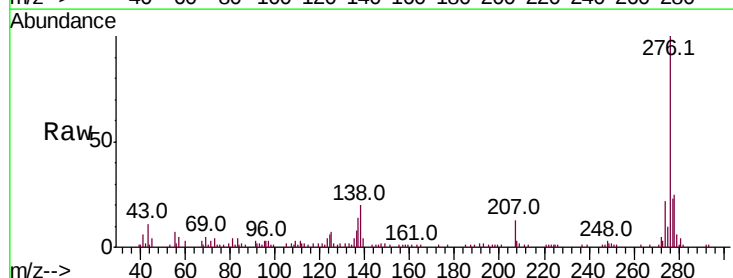
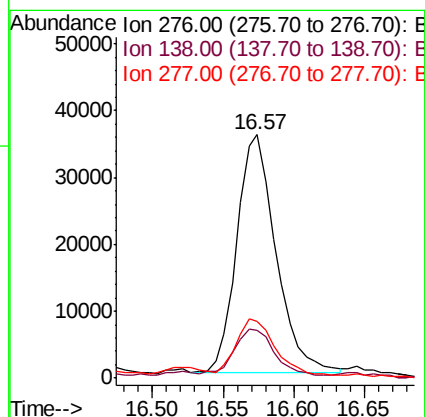
RT: 16.57 min Scan# 2463

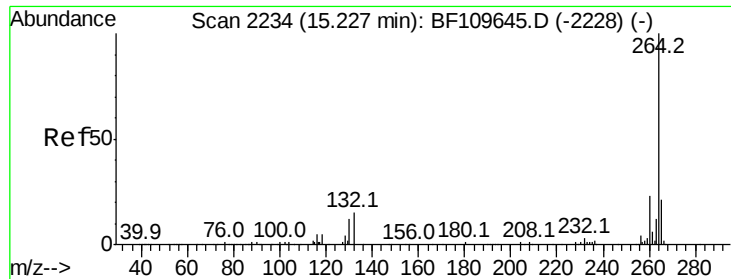
Delta R.T. -0.01 min

Lab File: BF109681.D

Acq: 9 Oct 2018 7:29

Tgt Ion:	276	Resp:	68436
Ion Ratio	Lower	Upper	
276	100		
138	19.6	18.5	27.7
277	23.2	20.0	30.0





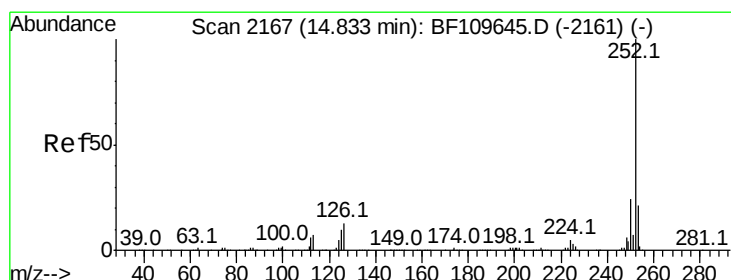
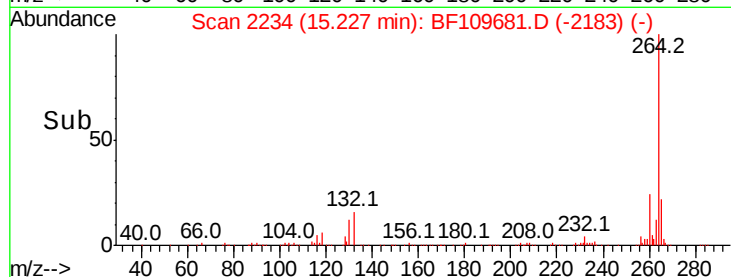
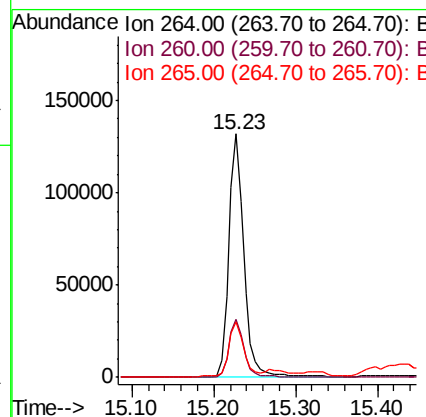
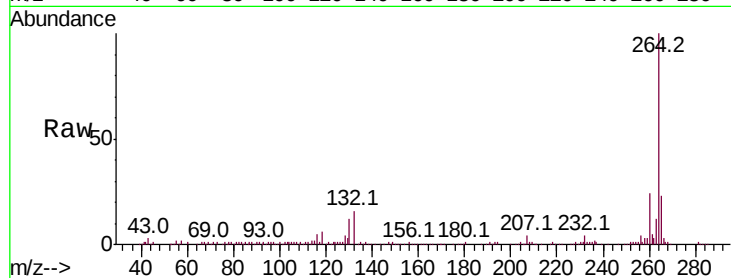
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :
 S-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.7	16.7	25.1

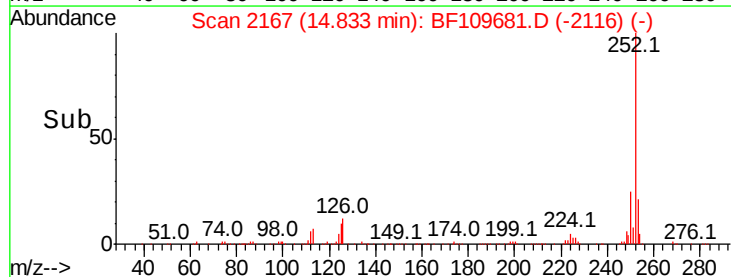
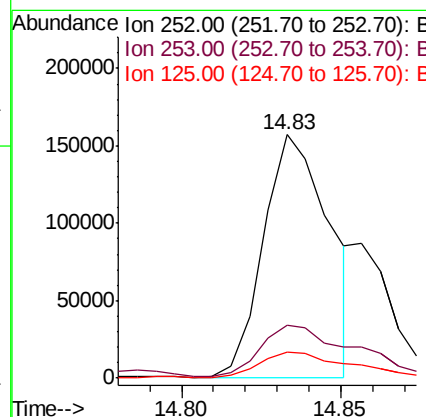
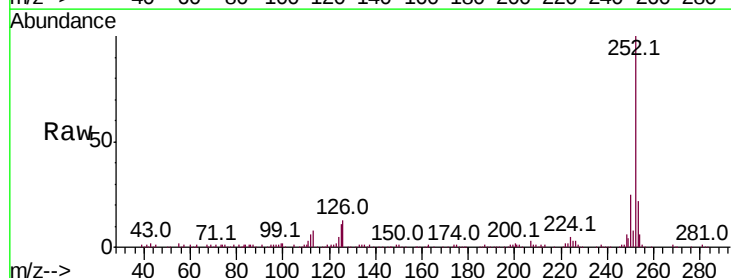
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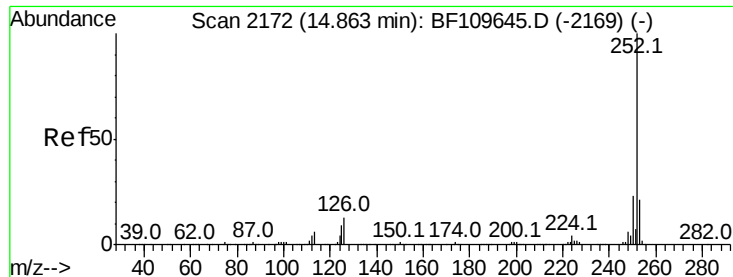
Sohil
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#87
 Benzo(b)fluoranthene
 Concen: 24.143 ng m
 RT: 14.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.9	8.2	12.4





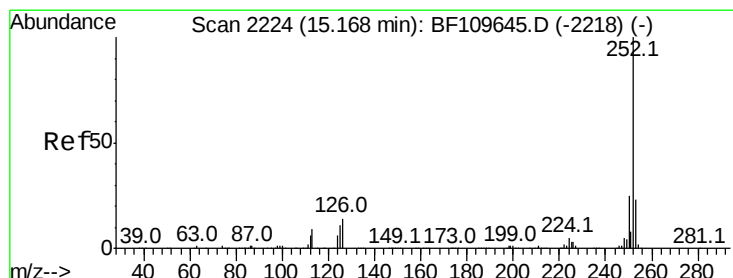
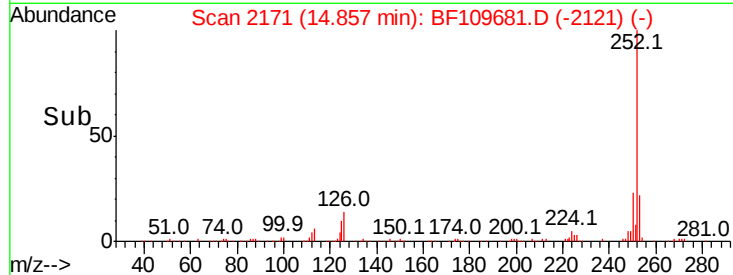
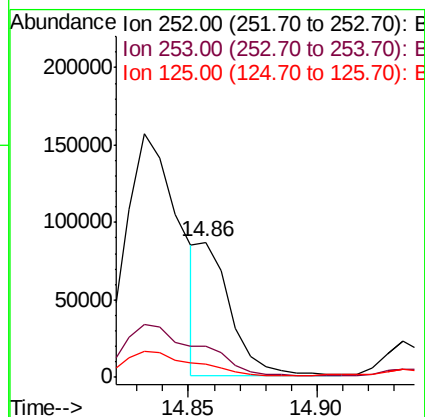
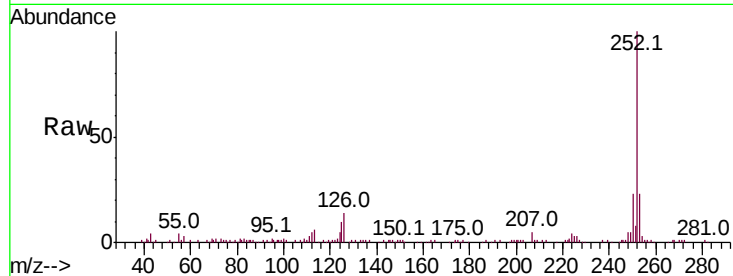
#88
Benzo(k)fluoranthene
Concen: 7.925 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tot Ion:	252	Resp:	74684
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	10.3	7.4	11.0

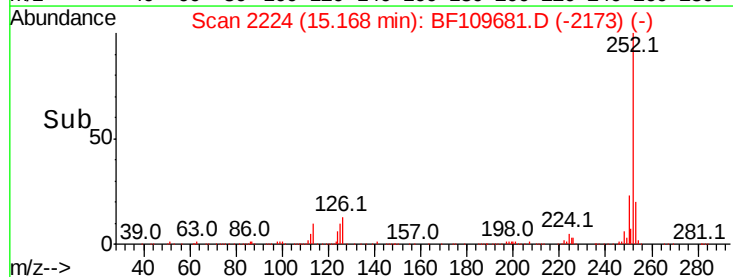
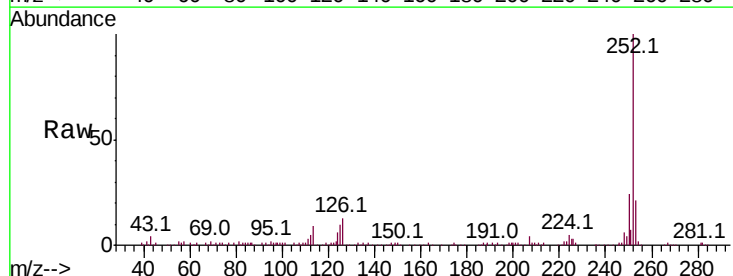
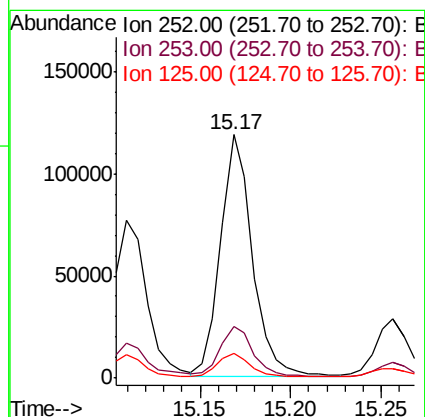
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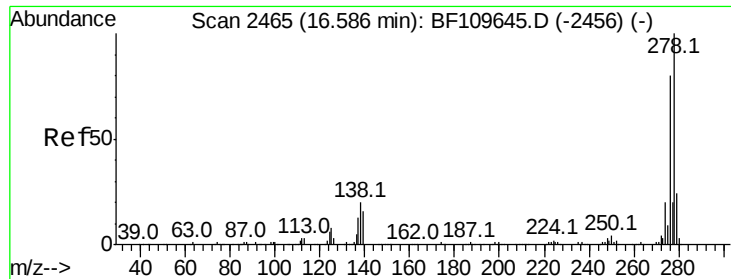
Sohil
10/9/2018 2:58:02 PM



#89
Benzo(a)pyrene
Concen: 17.129 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:	252	Resp:	145792
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.4
125	10.4	9.0	13.6





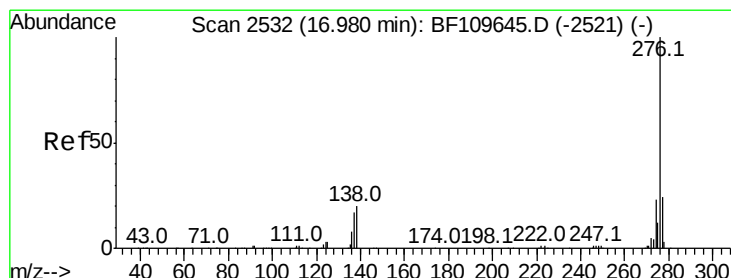
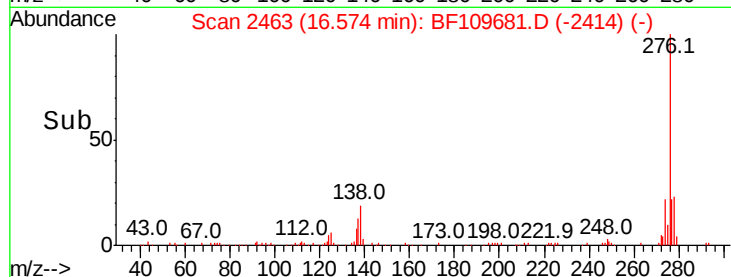
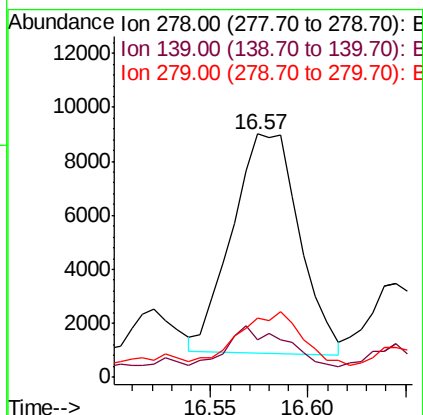
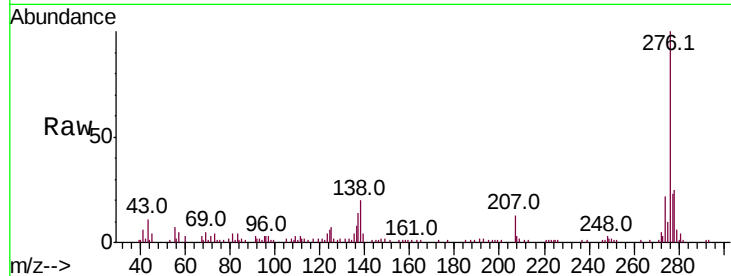
#90
 Dibenzo(a,h)anthracene
 Concen: 2.766 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Instrument :
 BNA_F
 ClientSampleId :
 S-9

Tot Ion:278	Resp:	19335
Ion Ratio	Lower	Upper
278 100		
139 15.3	12.7	19.1
279 24.2	19.0	28.4

Manual Integrations
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 10/9/2018 2:58:02 PM



#91
 Benzo(g,h,i)perylene
 Concen: 9.150 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF109681.D
 Acq: 9 Oct 2018 7:29

Tgt Ion:276	Resp:	63867
Ion Ratio	Lower	Upper
276 100		
277 25.0	18.8	28.2
138 21.3	16.0	24.0

