

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109684.D
 Acq On : 9 Oct 2018 8:51
 Operator : JU/SJ
 Sample : J5309-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-19

Manual Integrations
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 10/9/2018 2:58:07 PM

Quant Time: Oct 09 11:10:34 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	99328	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	371347	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	155422	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264998	20.00	ng	0.00
75) Chrysene-d12	13.83	240	215269	20.00	ng	0.00
86) Perylene-d12	15.23	264	179123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	703488	125.72	ng	0.00
7) Phenol-d6	6.35	99	941873	126.00	ng	0.00
23) Nitrobenzene-d5	7.26	82	617246	91.63	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	195086	115.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1042172	92.35	ng	0.00
78) Terphenyl-d14	12.78	244	833856	74.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	111017	9.739	ng	99
70) Phenanthrene	11.23	178	40314	3.040	ng	99
74) Fluoranthene	12.41	202	86192	6.221	ng	98
77) Pyrene	12.63	202	82173	5.210	ng	98
80) Benzo(a)anthracene	13.82	228	33405	2.812	ng	98
82) Chrysene	13.85	228	35577m	2.851	ng	
87) Benzo(b)fluoranthene	14.83	252	36716m	3.709	ng	
89) Benzo(a)pyrene	15.17	252	25596	2.849	ng	95
91) Benzo(g,h,i)perylene	16.98	276	15602	2.118	ng	# 86

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

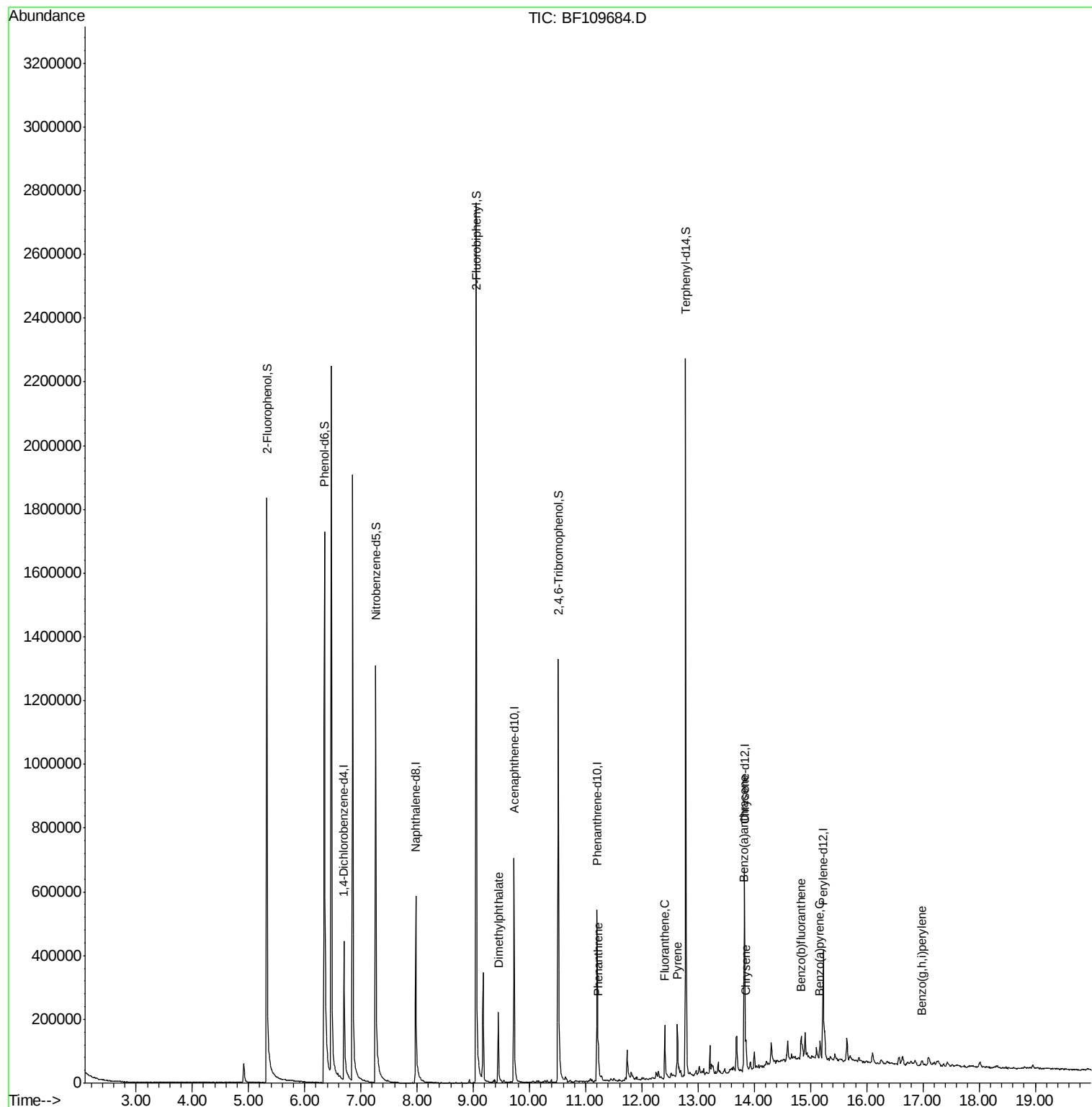
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109684.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

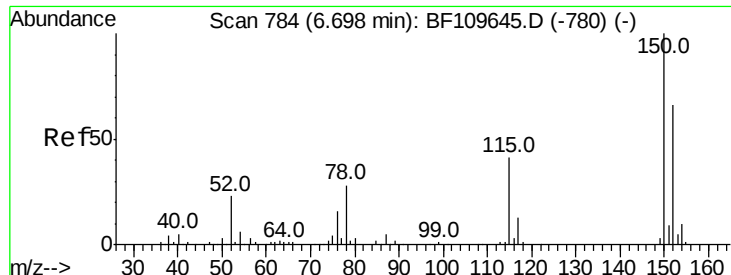
Instrument :
BNA_F
ClientSampleId :
S-19

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#1

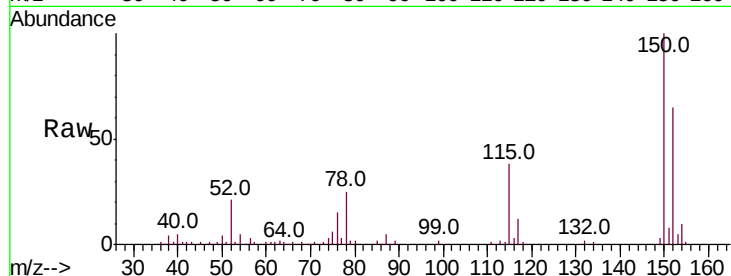
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	59.0	49.1	73.7

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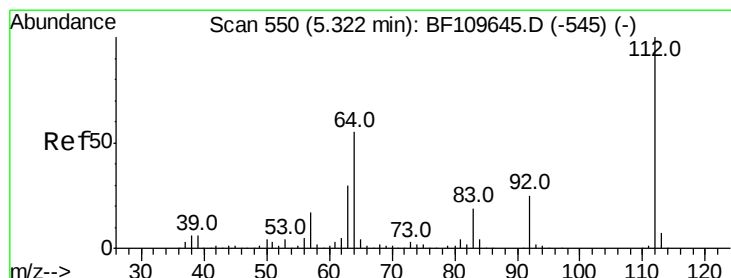
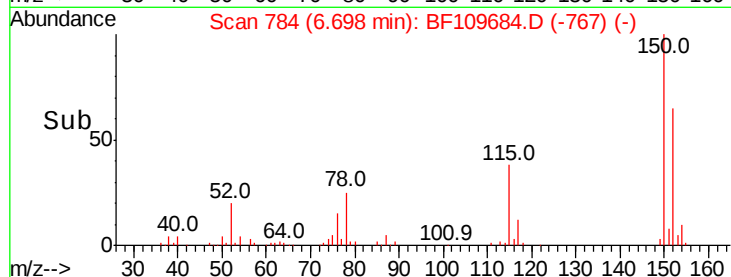
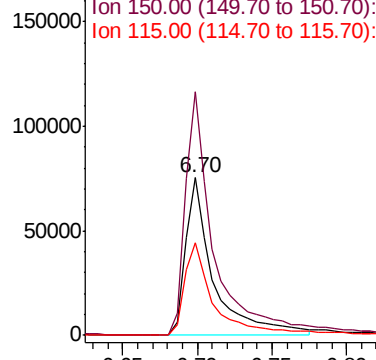


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

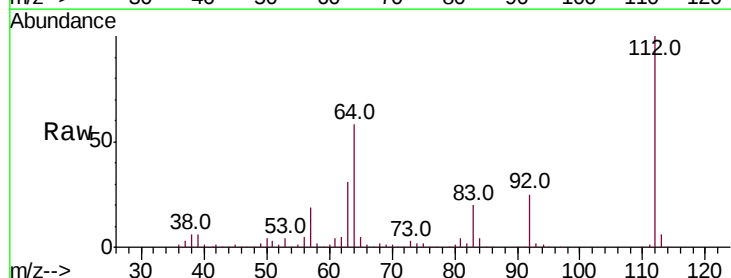
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.716 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.8	23.7	35.5

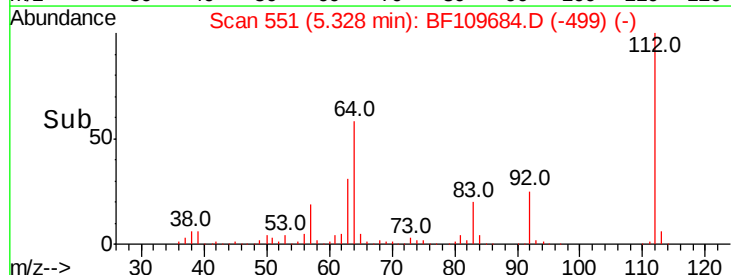
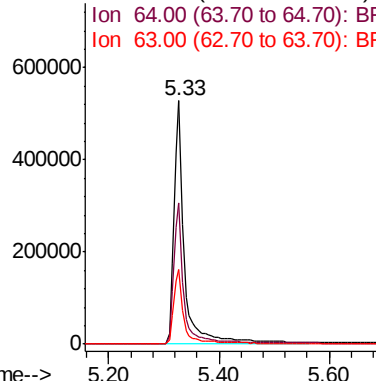


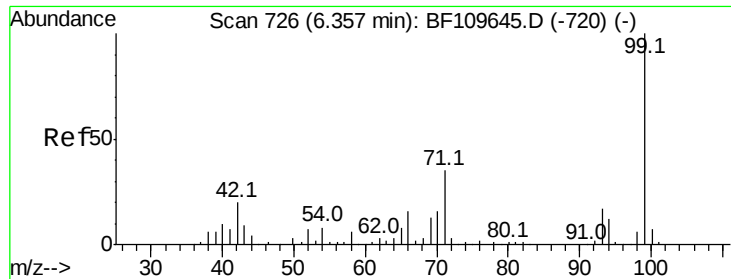
Abundance

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: 125.996 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109684.D

Acq: 9 Oct 2018 8:51

Instrument :

BNA_F

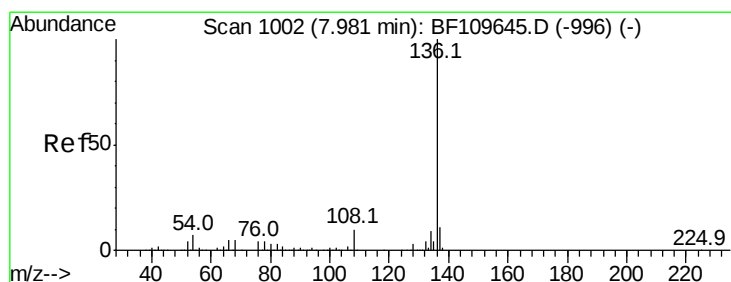
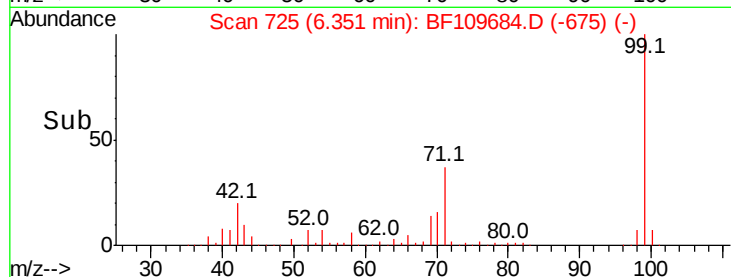
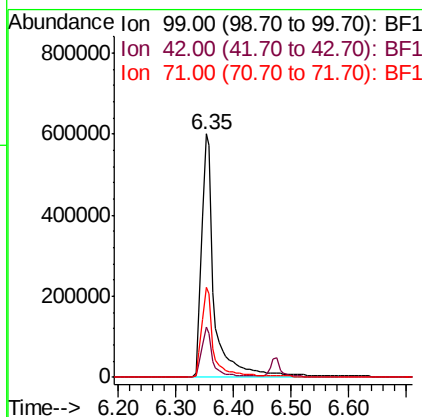
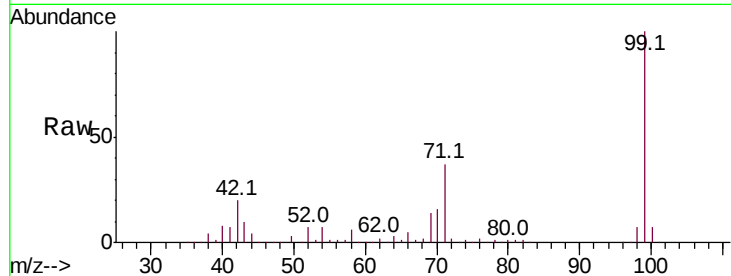
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Tot Ion:	99	Resp:	941873
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.8	23.6
71	36.8	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

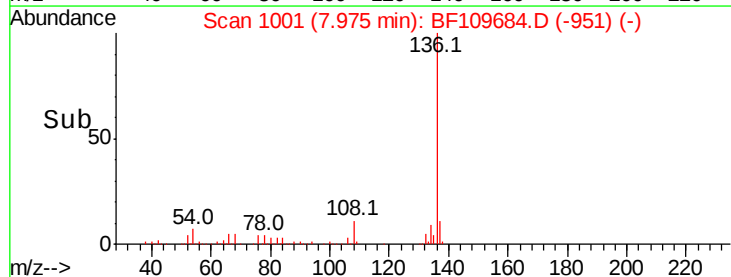
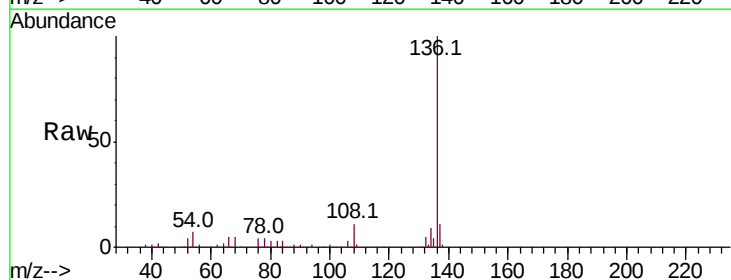
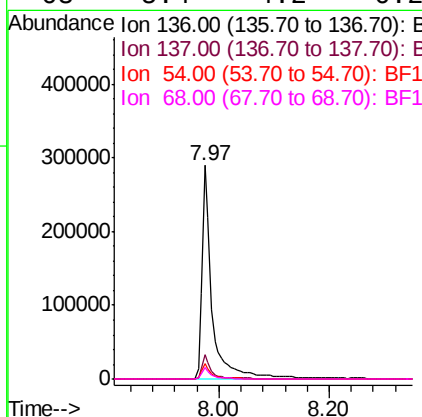
RT: 7.97 min Scan# 1001

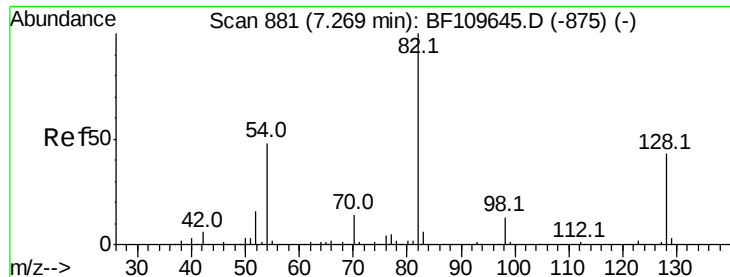
Delta R.T. -0.01 min

Lab File: BF109684.D

Acq: 9 Oct 2018 8:51

Tgt Ion:	136	Resp:	371347
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	6.9	5.4	8.2
68	5.4	4.2	6.2





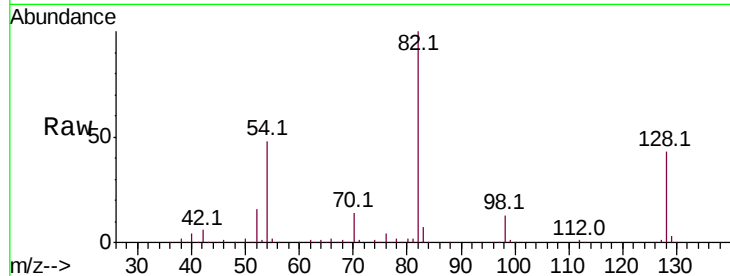
#23
Nitrobenzene-d5
Concen: 91.625 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Instrument :
BNA_F
ClientSampled :
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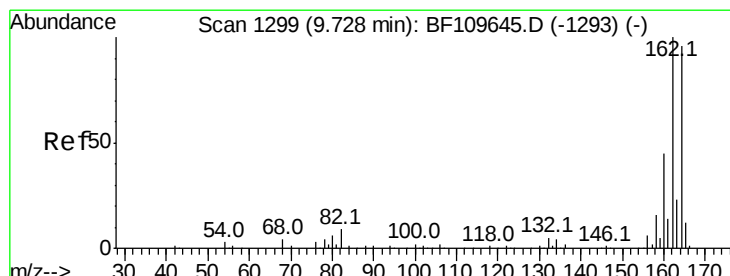
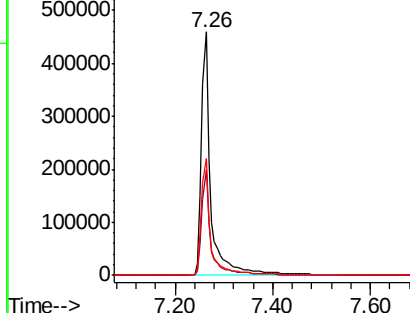
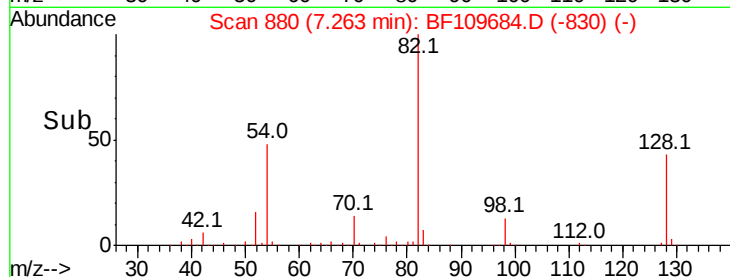
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	47.9	38.6	58.0

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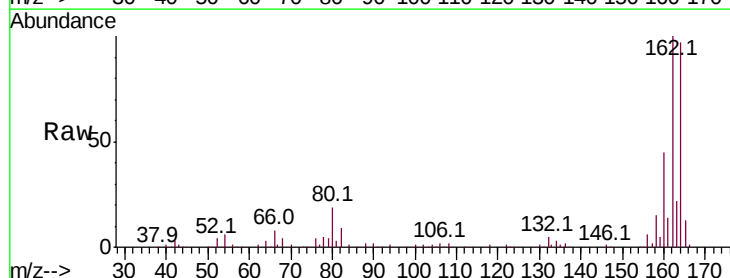


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

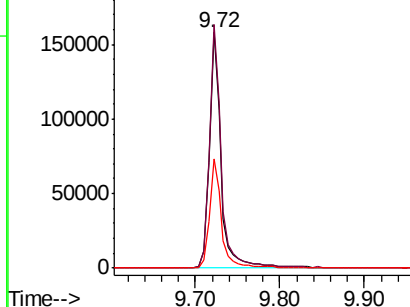
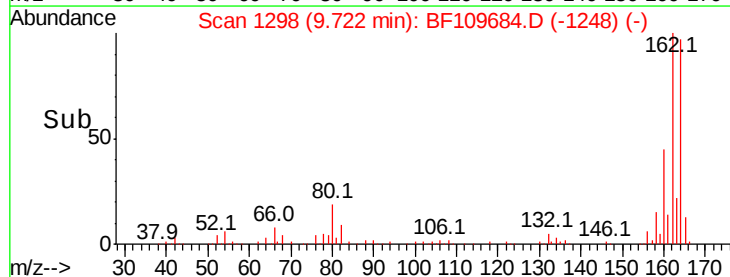


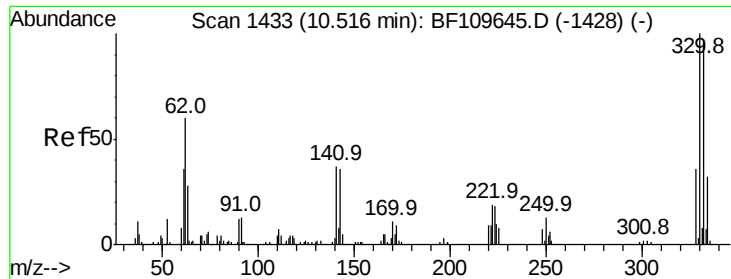
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.5	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





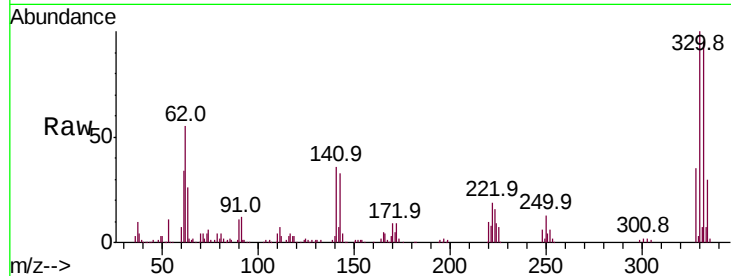
#41
 2,4,6-Tribromophenol
 Concen: 115.198 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109684.D
 Acq: 9 Oct 2018 8:51

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	195086		
332	96.7	77.1	115.7	
141	34.1	27.0	40.4	

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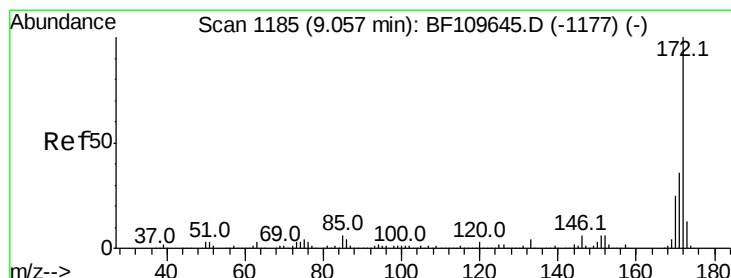
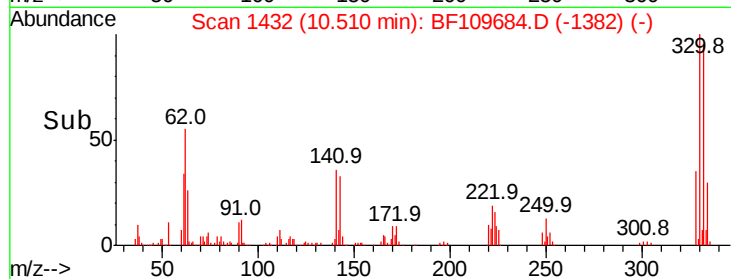
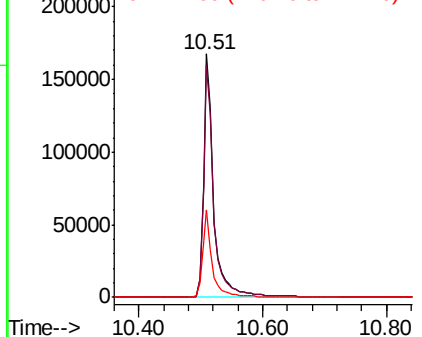


Abundance

Ion 329.80 (329.50 to 330.50): E

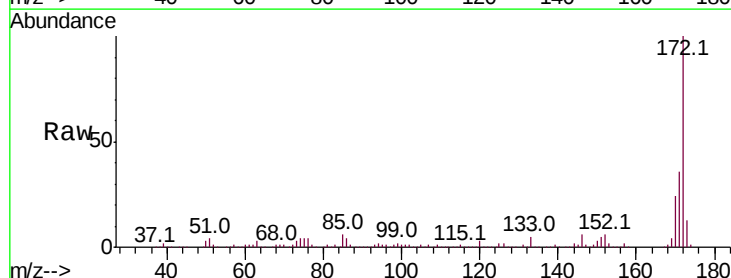
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.351 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109684.D
 Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1042172		
171	36.2	28.6	43.0	
170	23.9	19.7	29.5	

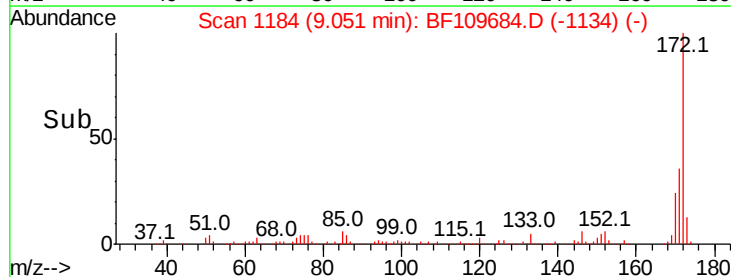
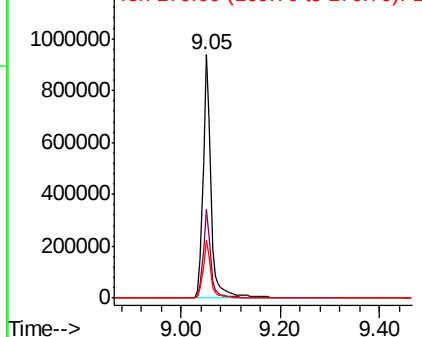


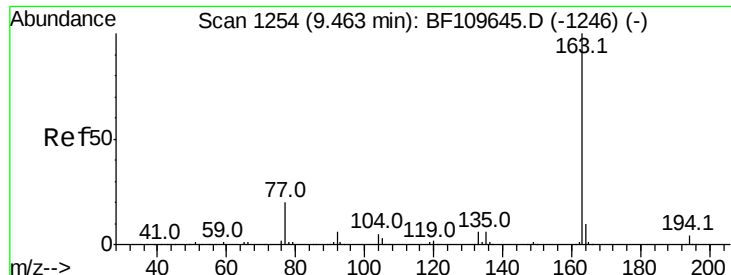
Abundance

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





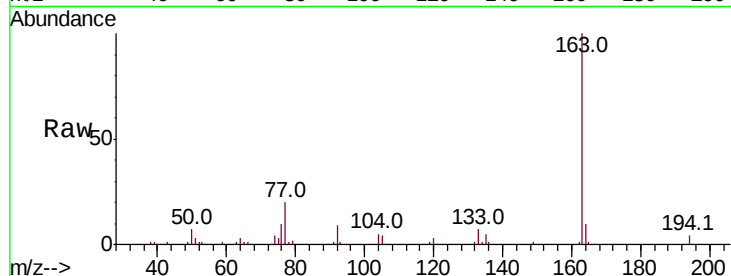
#49
Dimethylphthalate
Concen: 9.739 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Instrument :
BNA_F
ClientSampled :
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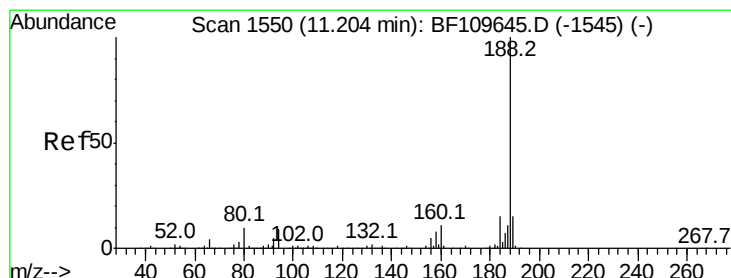
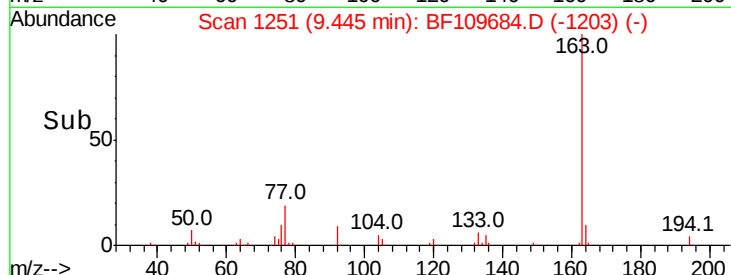
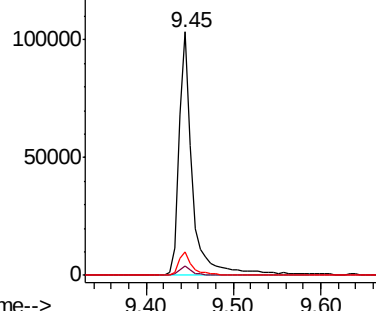
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	8.1	12.1

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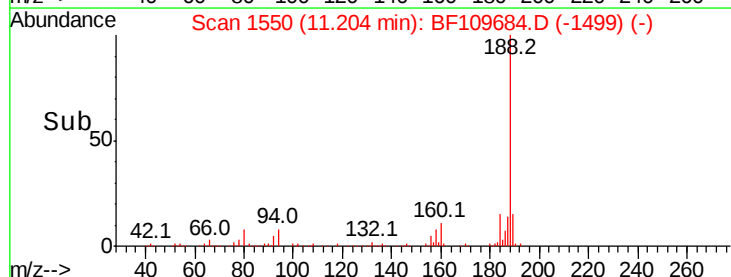
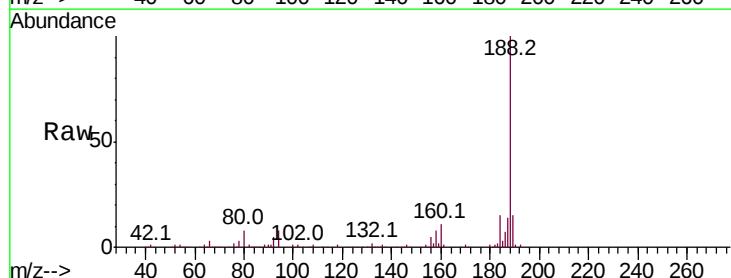
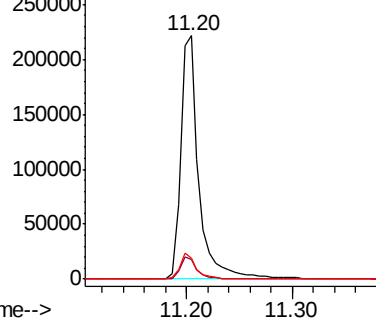
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

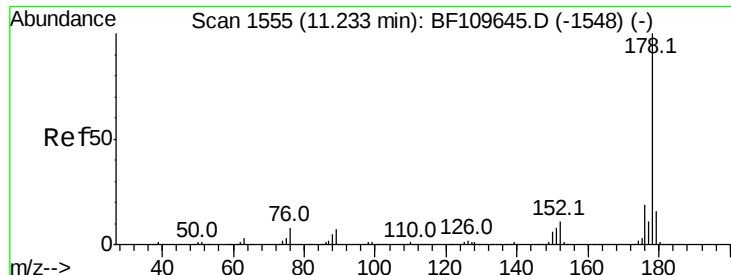


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.4	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





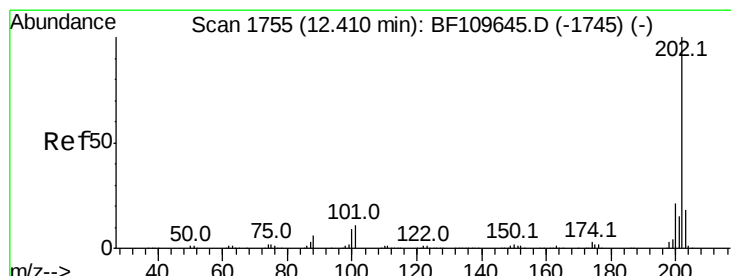
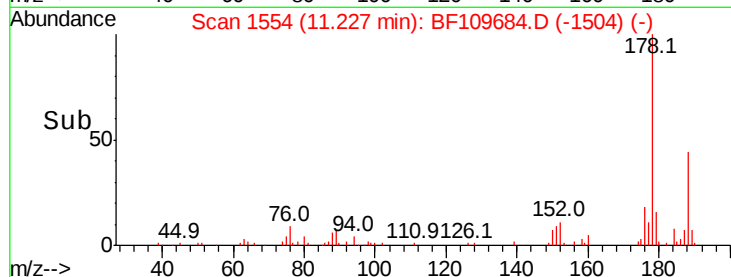
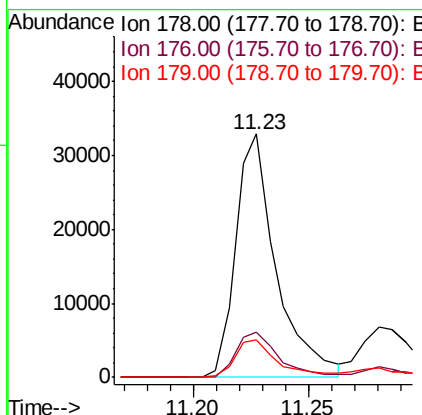
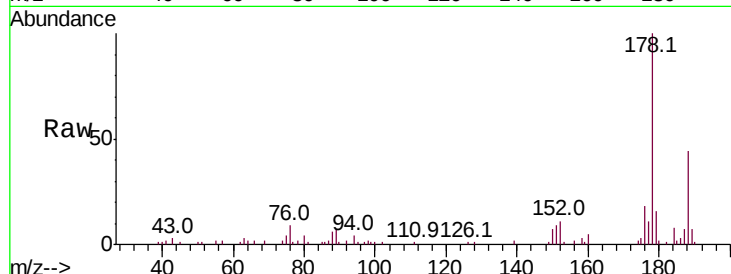
#70
Phenanthrene
Concen: 3.040 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.6	12.5	18.7

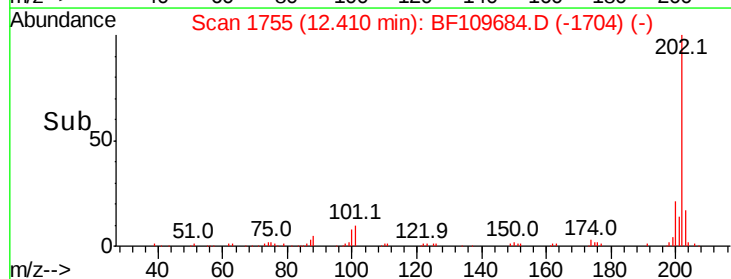
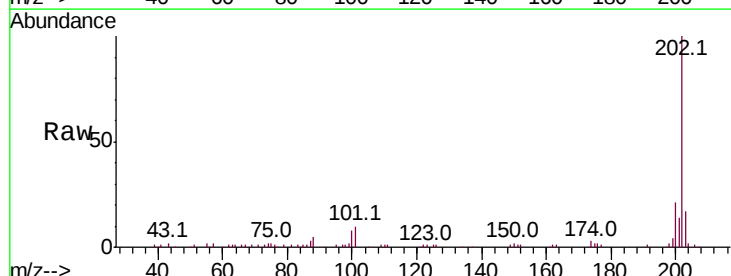
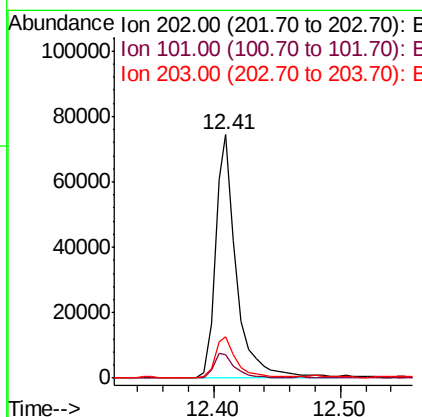
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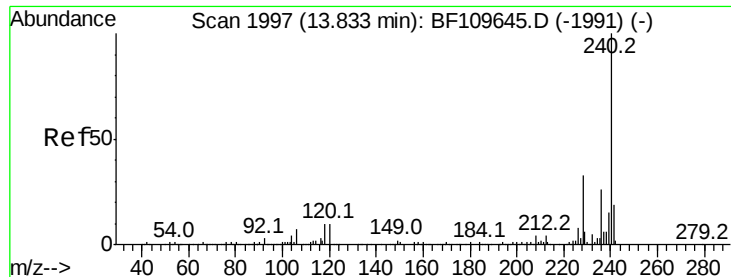
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#74
Fluoranthene
Concen: 6.221 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.1	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: BF109684.D

Acq: 9 Oct 2018 8:51

Instrument :

BNA_F

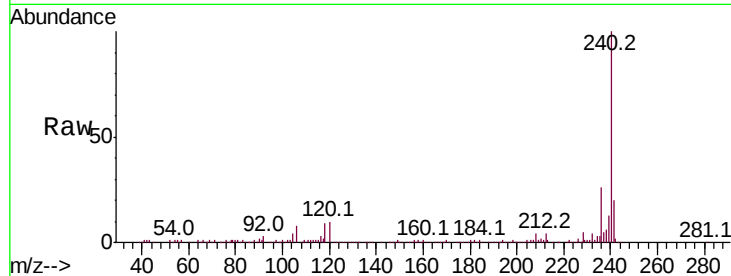
ClientSampled :

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Tot Ion	Ratio	Resp	Lower	Upper
240	100	215269		
120	10.3		8.3	12.5
236	26.0		21.2	31.8

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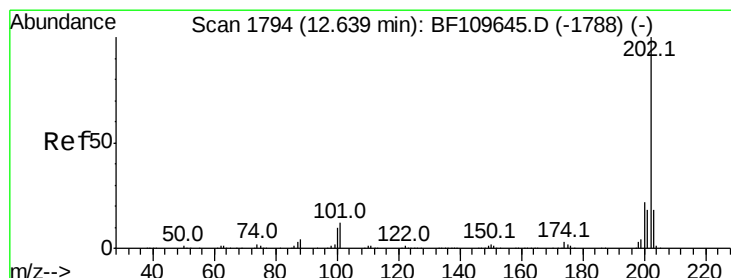
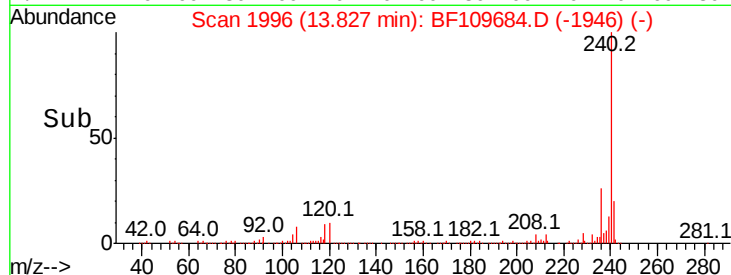
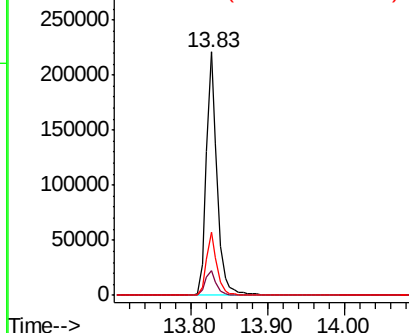


Abundance

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: 5.210 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109684.D

Acq: 9 Oct 2018 8:51

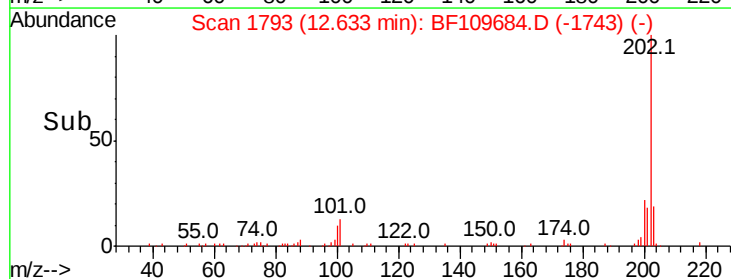
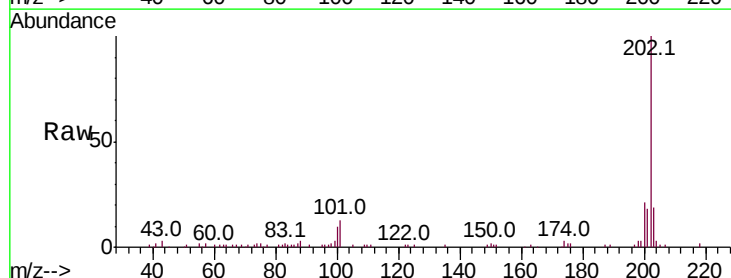
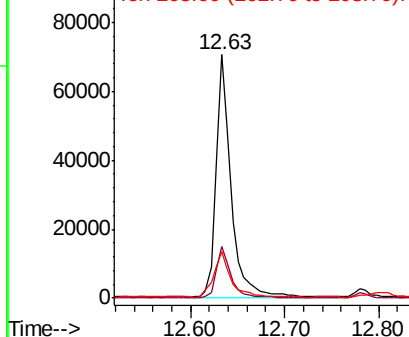
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	82173		
200	21.5		17.8	26.6
203	19.3		14.2	21.4

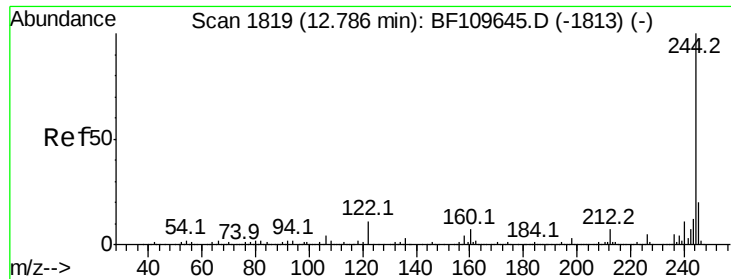
Abundance

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





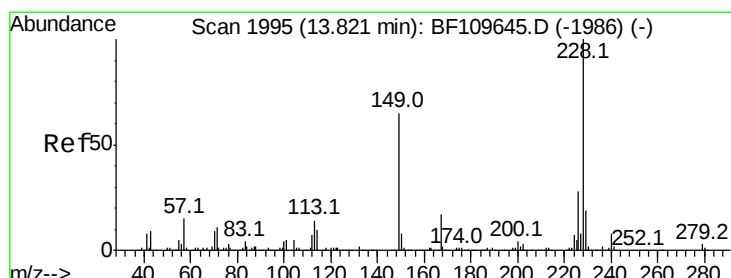
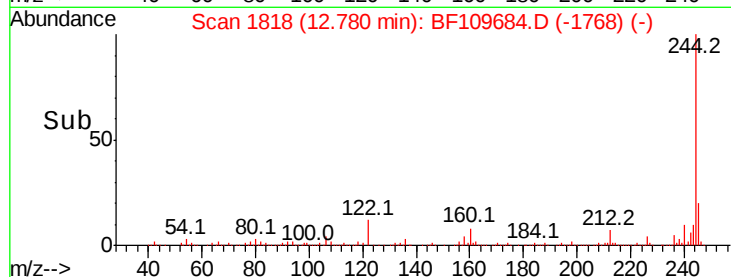
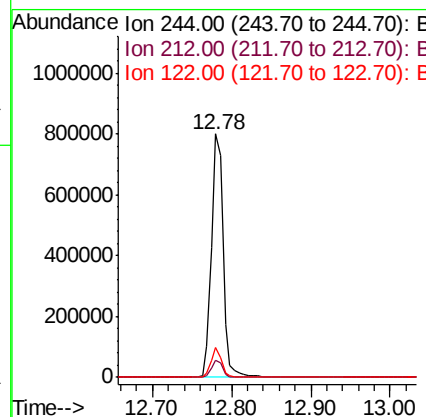
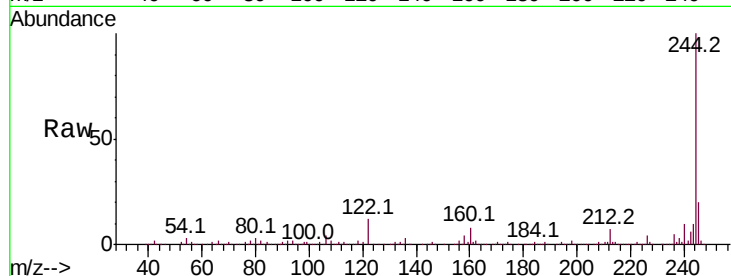
#78
 Terphenyl-d14
 Concen: 74.986 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109684.D
 Acq: 9 Oct 2018 8:51

Instrument :
 BNA_F
 ClientSampled :
 S-19

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.2	8.7	13.1

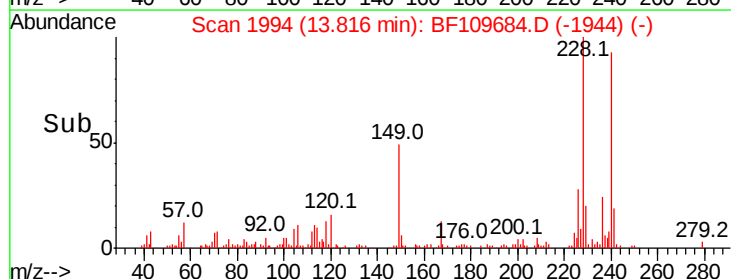
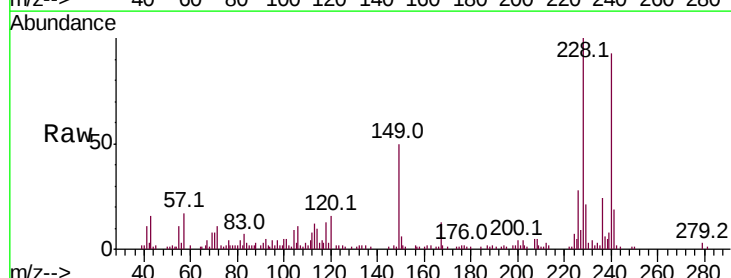
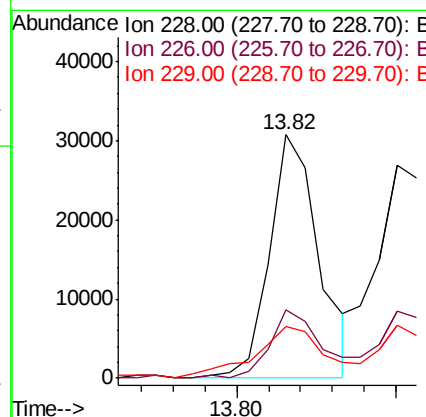
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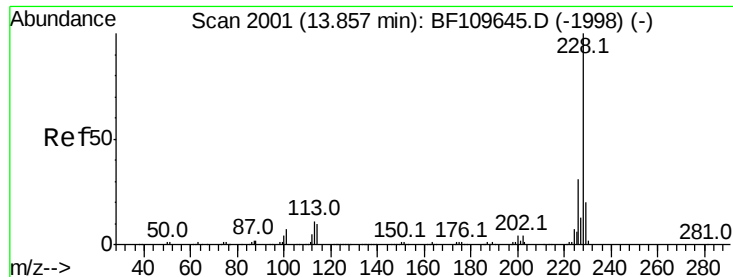
Sohil
 10/9/2018 2:58:07 PM



#80
 Benzo(a)anthracene
 Concen: 2.812 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109684.D
 Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	21.0	15.6	23.4





#82

Chrysene

Concen: 2.851 ng/mL

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF109684.D

Acq: 9 Oct 2018 8:51

Instrument :

BNA_F

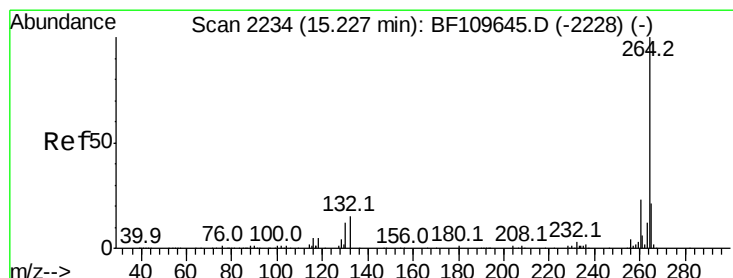
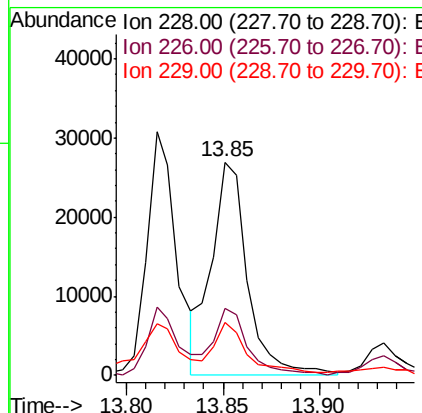
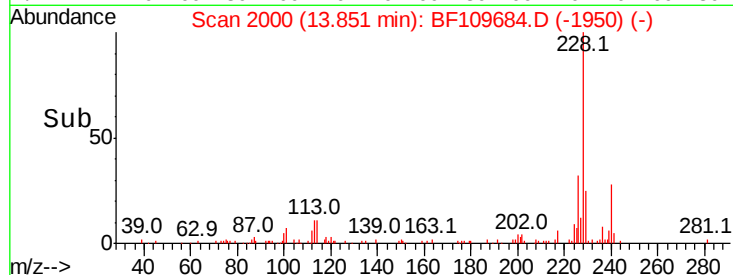
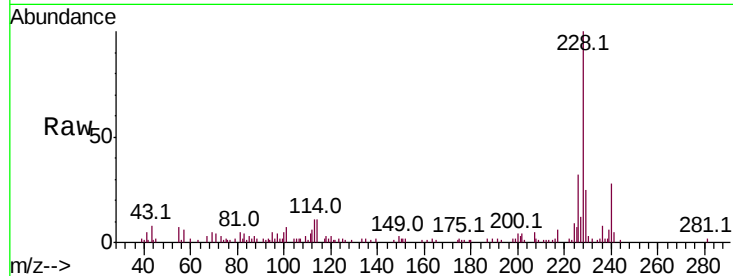
ClientSampled :

S-19

Tot Ion:	228	Resp:	35577
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.7	37.1
229	24.9	15.9	23.9

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#86

Perylene-d12

Concen: 20.000 ng

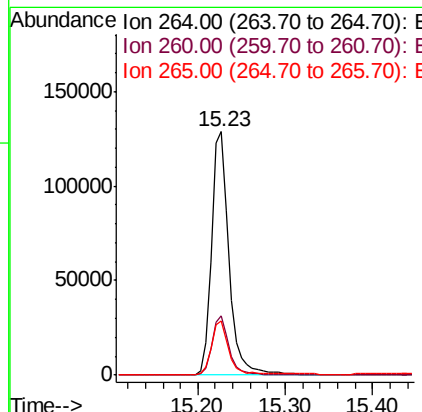
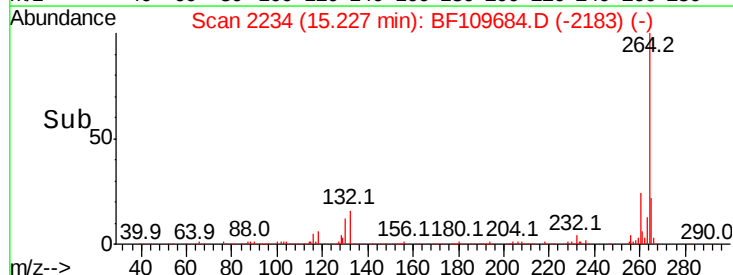
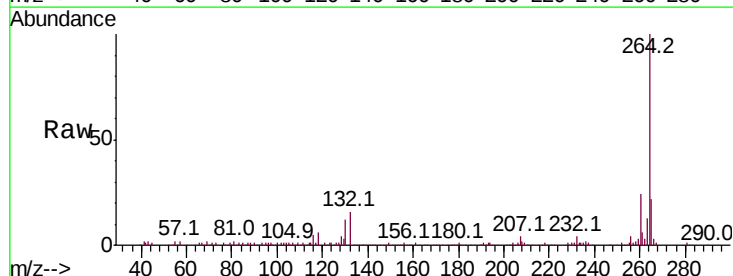
RT: 15.23 min Scan# 2234

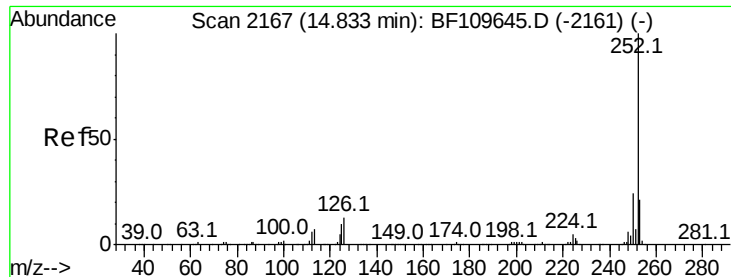
Delta R.T. -0.00 min

Lab File: BF109684.D

Acq: 9 Oct 2018 8:51

Tgt Ion:	264	Resp:	179123
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.7	28.1
265	22.4	16.7	25.1





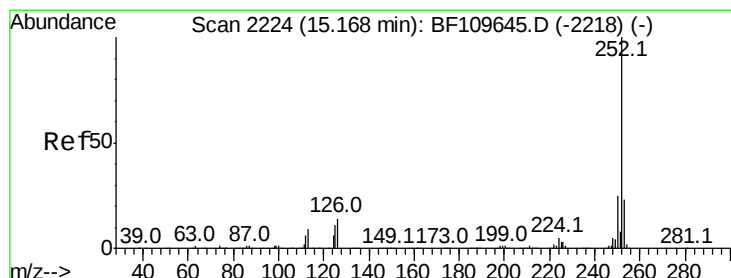
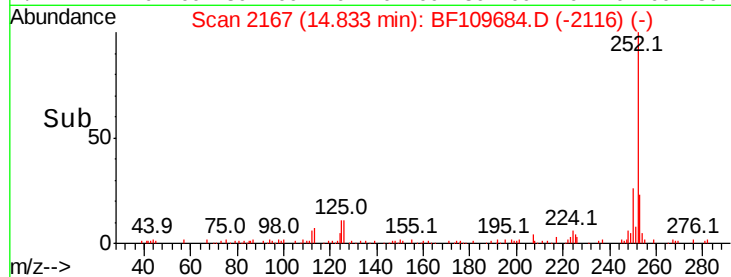
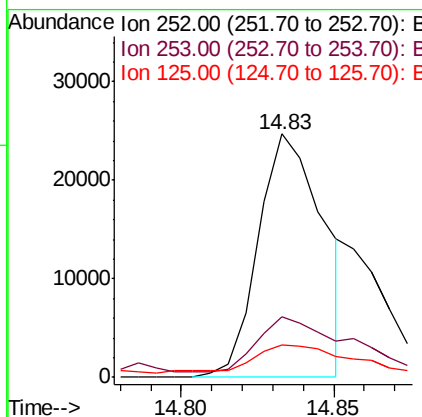
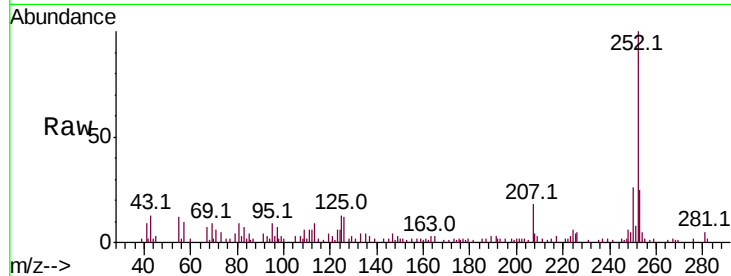
#87
Benzo(b)fluoranthene
Concen: 3.709 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Instrument :
BNA_F
ClientSampled :
S-19

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	13.5	8.2	12.4

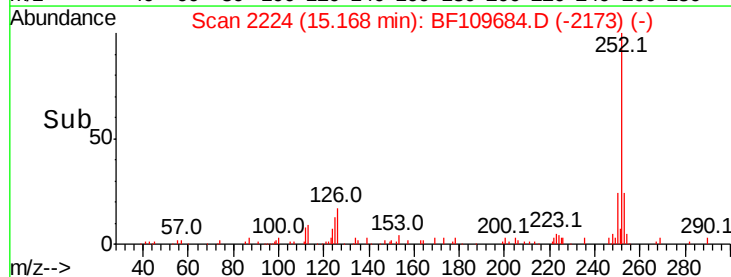
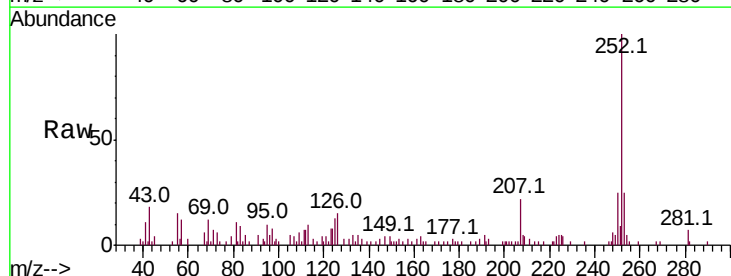
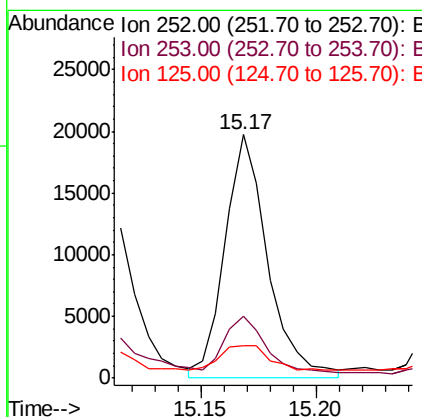
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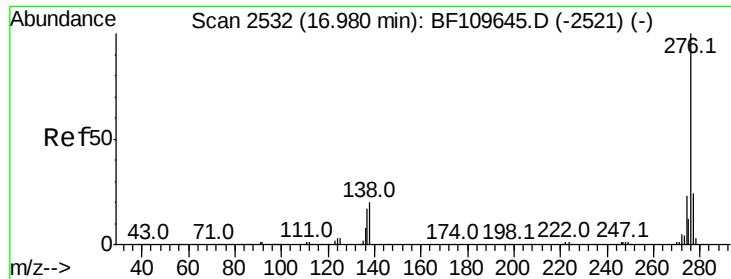
Sohil
10/9/2018 2:58:07 PM



#89
Benzo(a)pyrene
Concen: 2.849 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109684.D
Acq: 9 Oct 2018 8:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	13.4	9.0	13.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.118 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109684.D
 Acq: 9 Oct 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :
 S-19

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	18.8	28.2#
138	27.8	16.0	24.0#

Manual Integrations
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