

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110692.D
 Acq On : 12 Nov 2018 23:22
 Operator : JU/SJ
 Sample : J5907-23 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Manual Integrations
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 11/13/2018 2:22:57 PM

Quant Time: Nov 13 06:43:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106851	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	441605	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	193932	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	309144	20.00	ng	0.00
76) Chrysene-d12	14.13	240	197488	20.00	ng	-0.01
87) Perylene-d12	15.66	264	174750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	362347	55.08	ng	0.00
7) Phenol-d6	6.57	99	474256	56.38	ng	0.00
23) Nitrobenzene-d5	7.51	82	299545	39.06	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	79070	40.46	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	536799	39.53	ng	0.00
79) Terphenyl-d14	13.06	244	349208	33.12	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	26923	2.760	ng	Qvalue # 69
50) Dimethylphthalate	9.69	163	76597	5.293	ng	99
71) Phenanthrene	11.50	178	234709	14.171	ng	98
72) Anthracene	11.56	178	42186	2.525	ng	98
75) Fluoranthene	12.70	202	273410	16.466	ng	99
78) Pyrene	12.93	202	262217	17.244	ng	98
81) Benzo(a)anthracene	14.12	228	117965	9.994	ng	99
83) Chrysene	14.15	228	113564	10.098	ng	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	45071	5.585	ng	96
88) Benzo(b)fluoranthene	15.20	252	135306m	12.943	ng	
89) Benzo(k)fluoranthene	15.23	252	35333m	3.420	ng	
90) Benzo(a)pyrene	15.59	252	86304	9.086	ng	97
92) Benzo(a,h,i)perylene	17.70	276	43686	5.478	ng	96

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

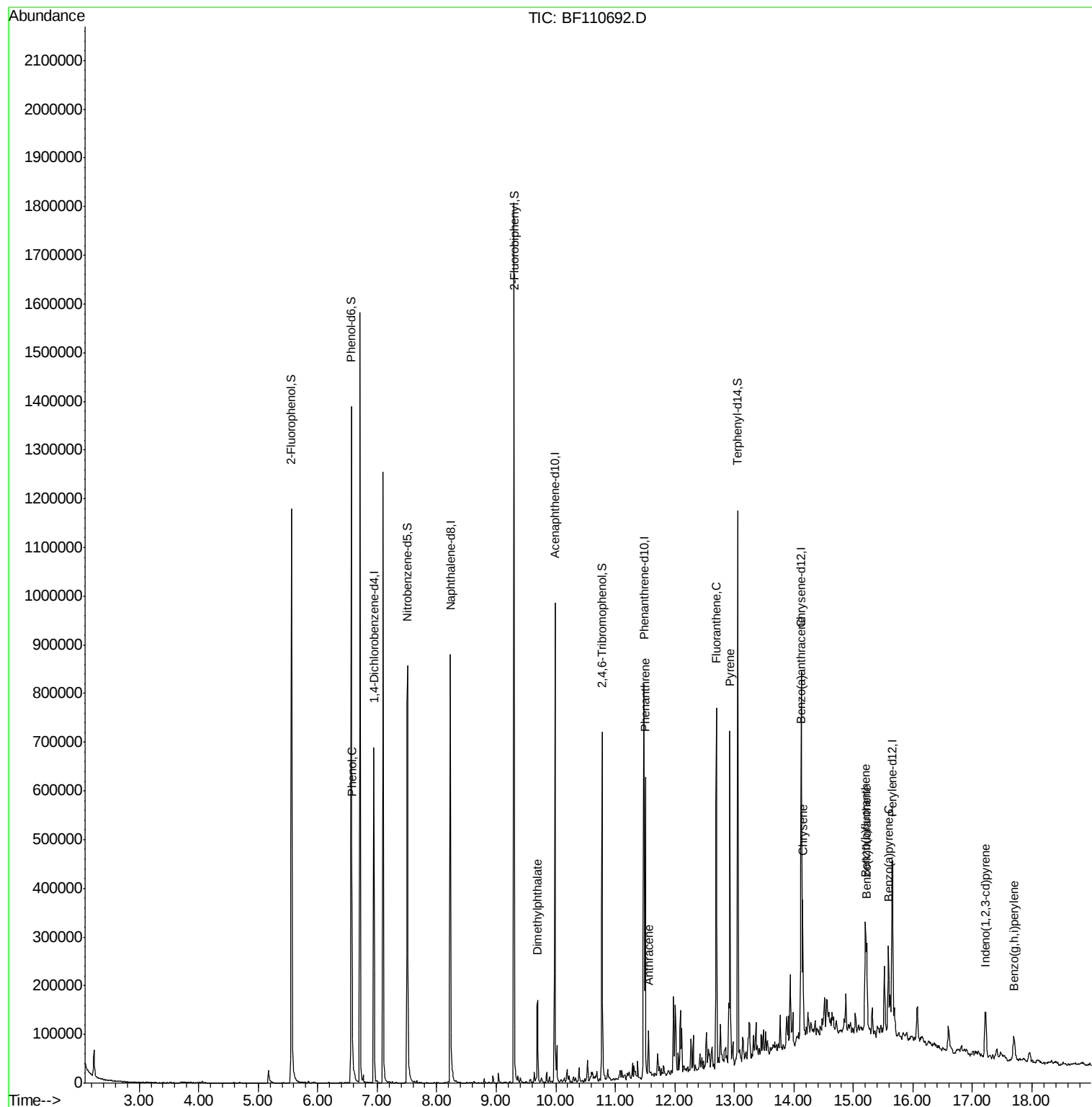
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110692.D
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Operator : JU/SJ
Sample : J5907-23 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

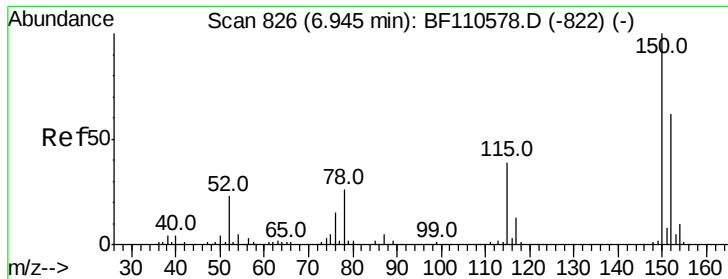
Instrument :
BNA_F
ClientSampleId :
TP-4-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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#1

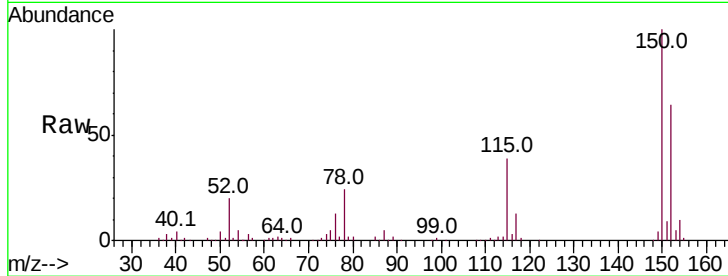
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampled :
TP-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	61.1	49.1	73.7

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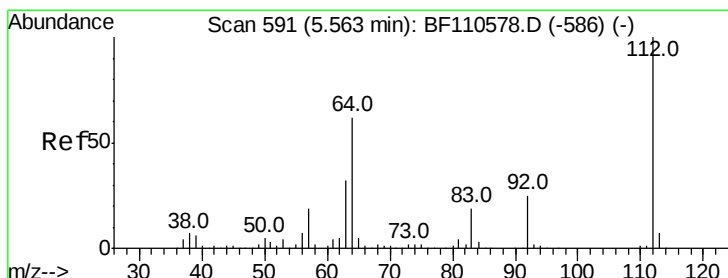
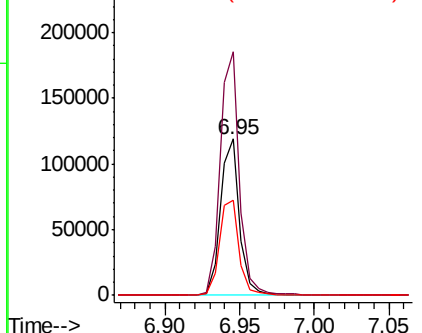
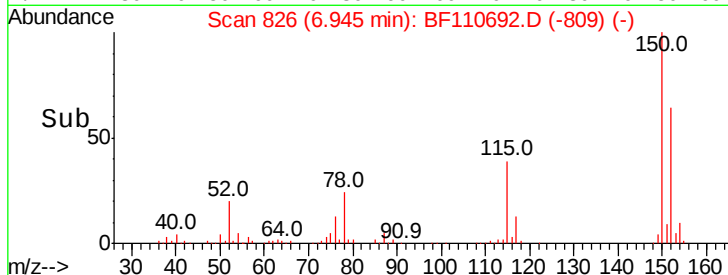


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

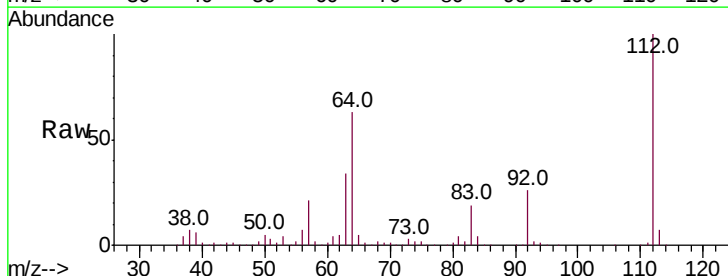
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.083 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	44.1	66.1
63	33.6	23.7	35.5

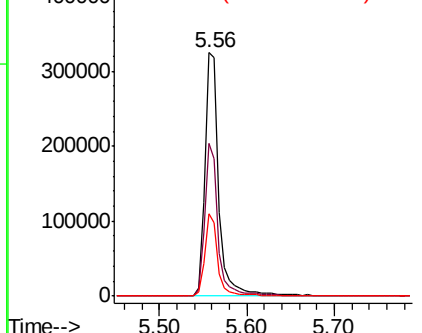
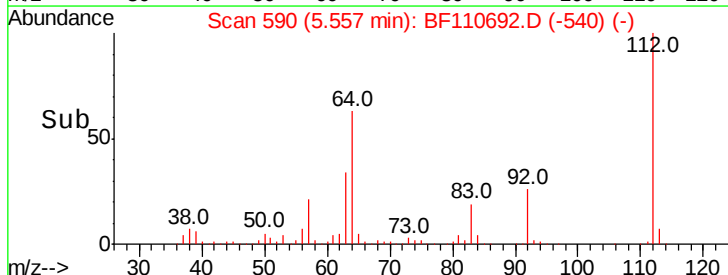


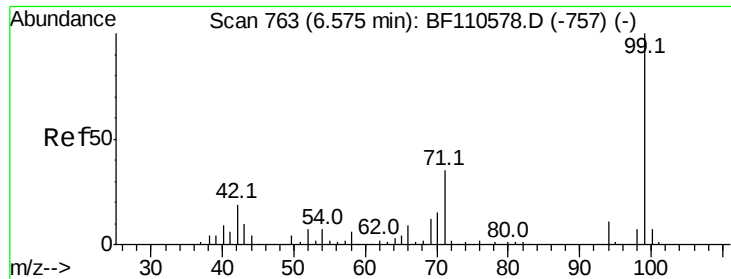
Abundance

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: 56.379 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Instrument :

BNA_F

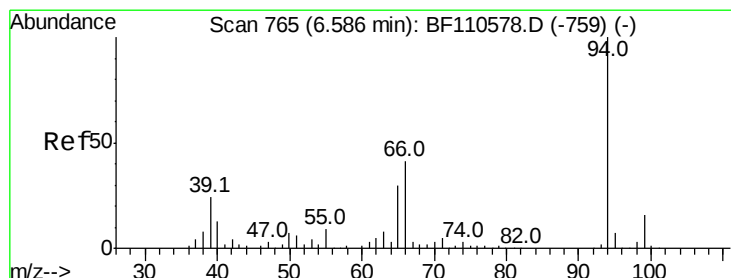
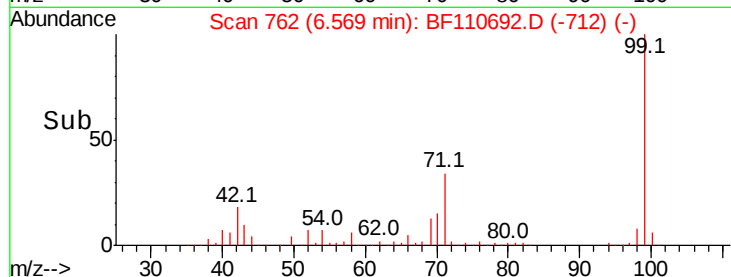
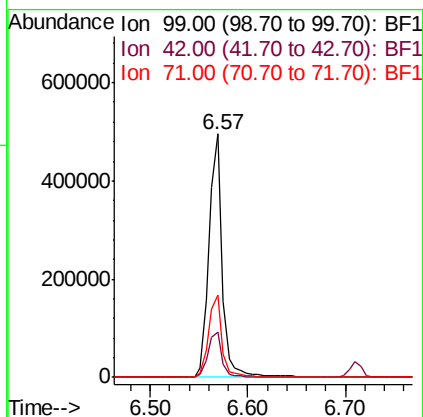
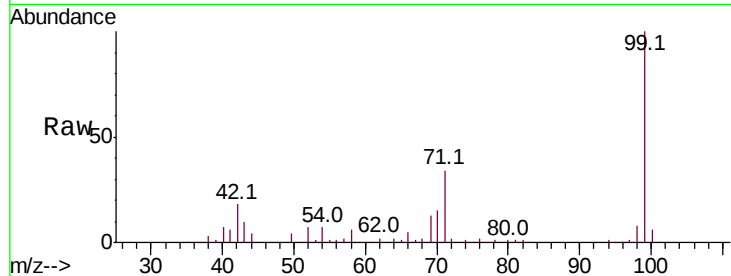
ClientSampled :

TP-4-S

Tot Ion:	99	Resp:	474256
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.8	23.6
71	34.0	28.0	42.0

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#10

Phenol

Concen: 2.760 ng

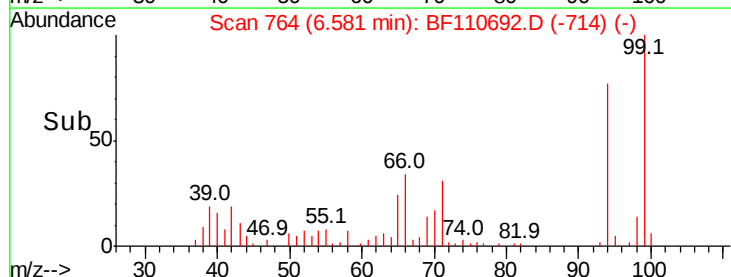
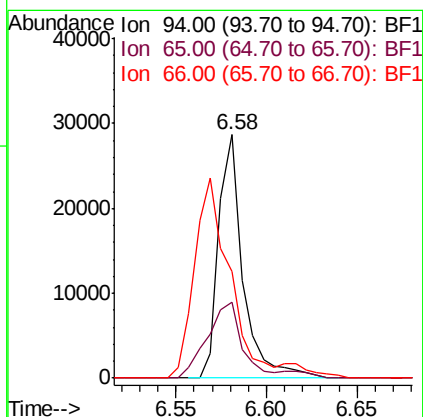
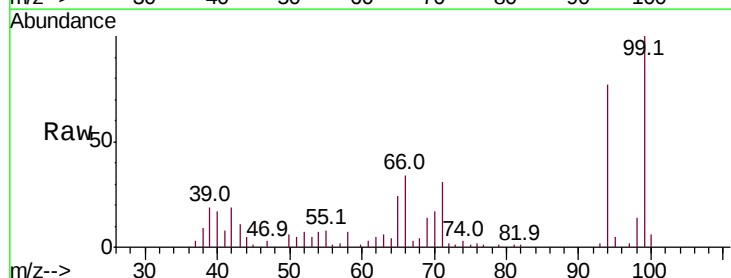
RT: 6.58 min Scan# 764

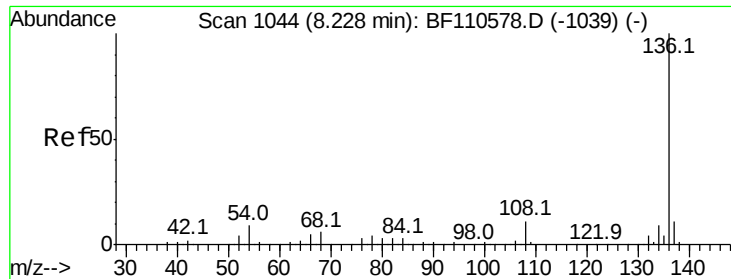
Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Tgt Ion:	94	Resp:	26923
Ion Ratio	Lower	Upper	
94	100		
65	31.2	25.3	65.3
66	43.8	54.5	94.5#





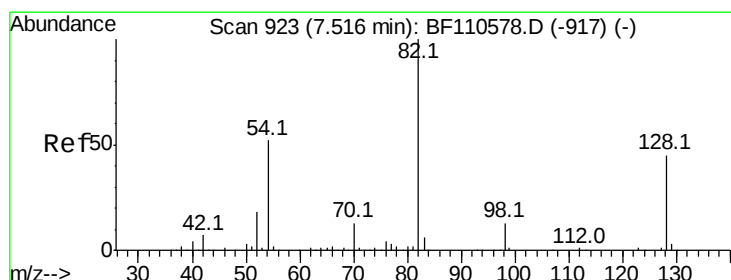
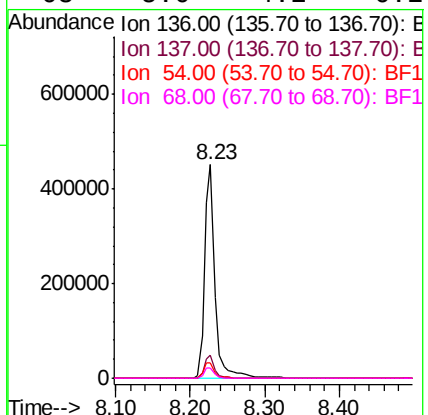
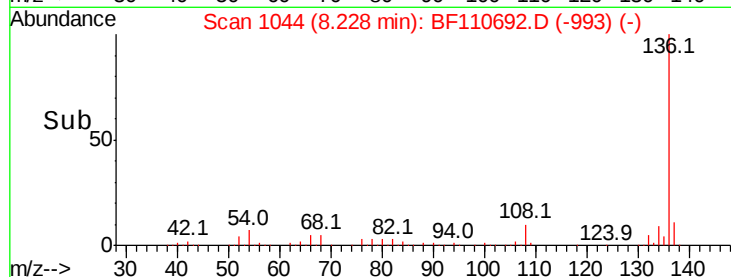
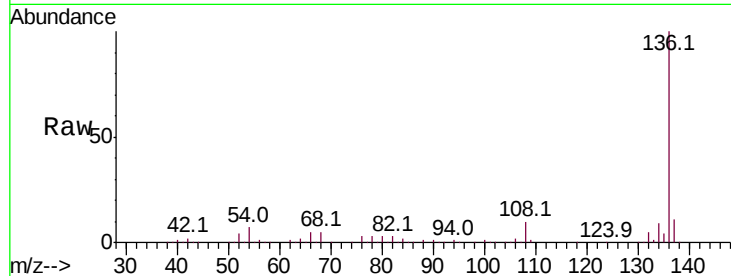
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.3	5.4	8.2	
68	5.0	4.2	6.2	

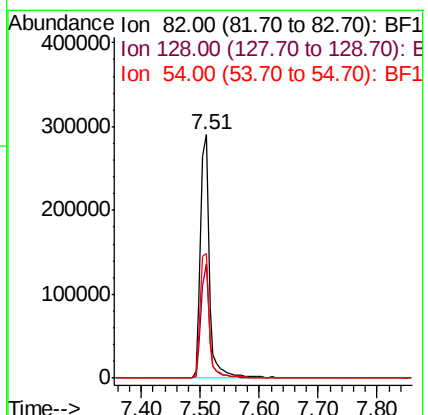
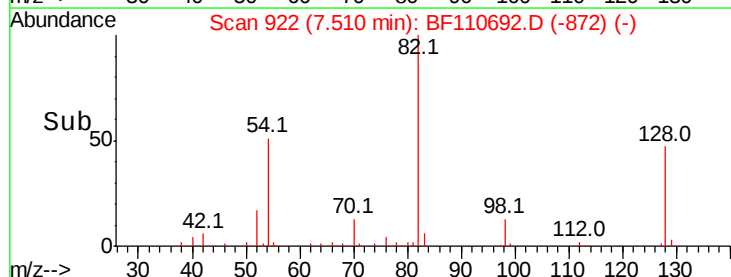
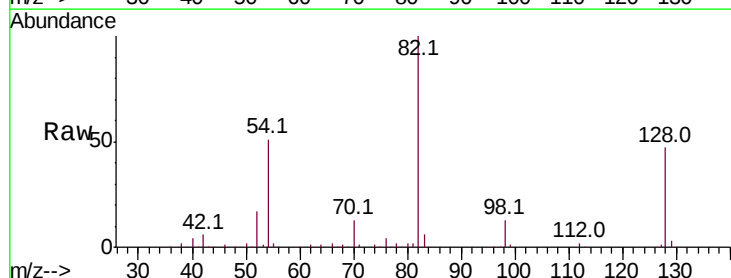
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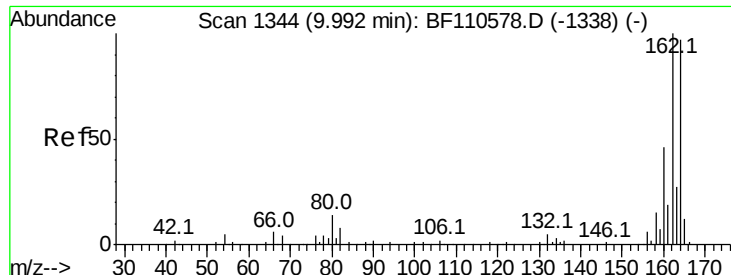
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#23
Nitrobenzene-d5
Concen: 39.064 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	34.2	51.2	
54	51.4	38.6	58.0	





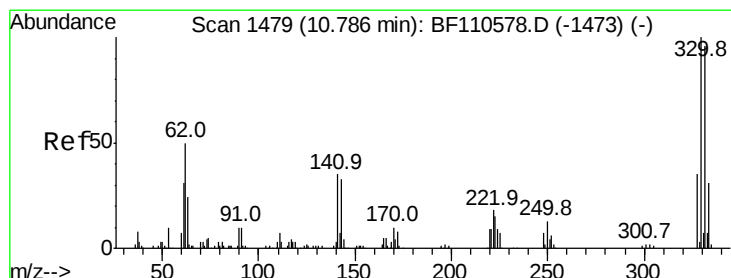
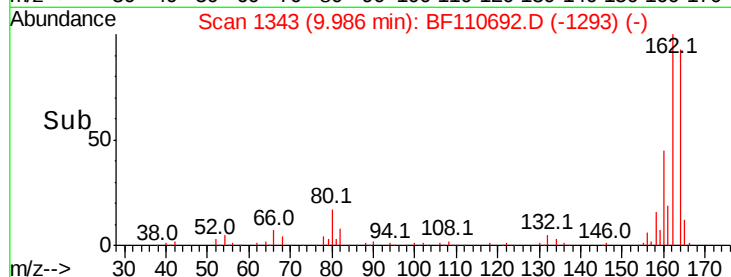
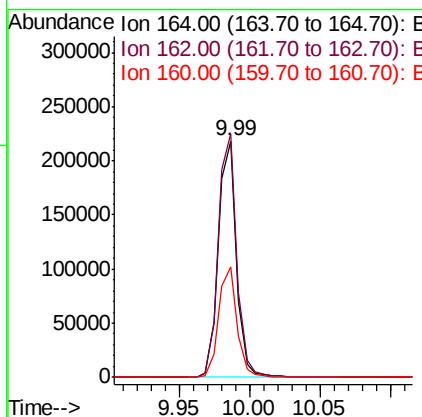
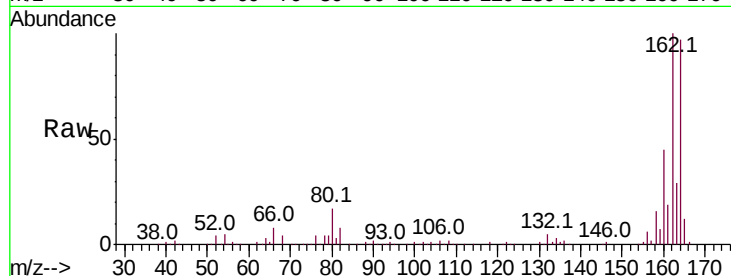
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Resp	Lower	Upper
164	100	193932		
162	103.2	83.0	124.6	
160	46.9	37.0	55.6	

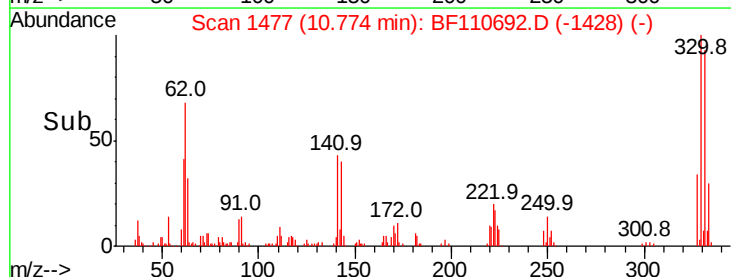
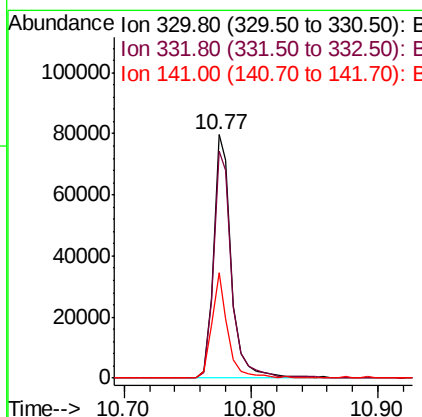
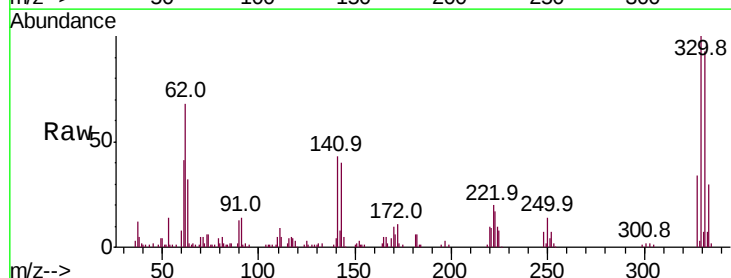
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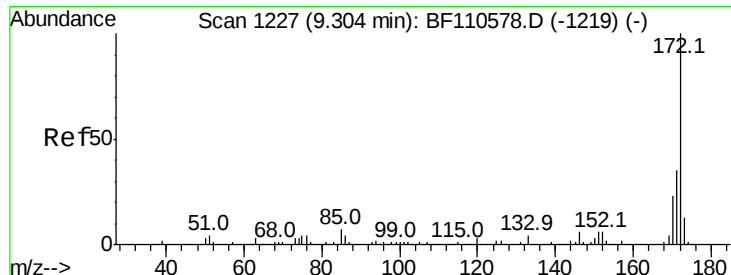
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#42
2,4,6-Tribromophenol
Concen: 40.463 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	79070		
332	95.8	77.1	115.7	
141	38.3	27.0	40.4	





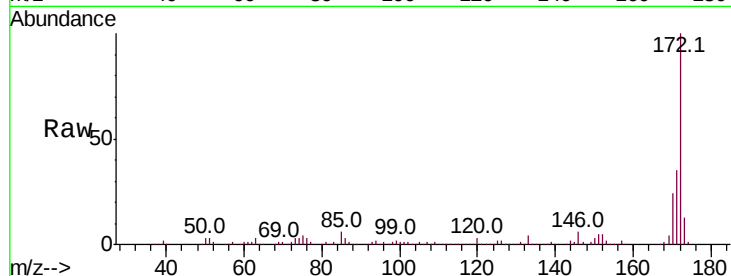
#45
2-Fluorobiphenyl
Concen: 39.532 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	43.0	
170	23.6	19.7	29.5	

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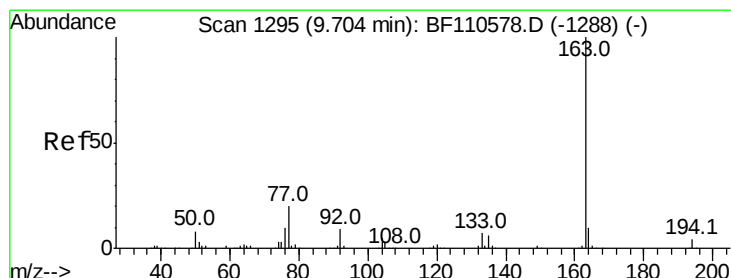
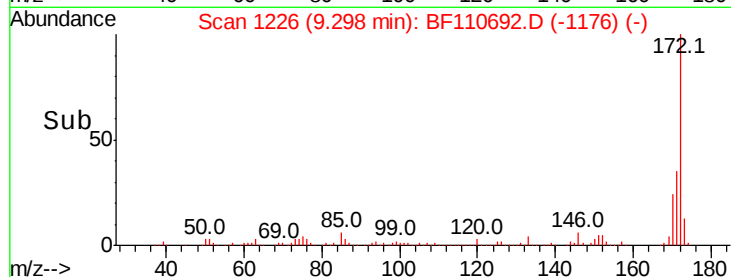
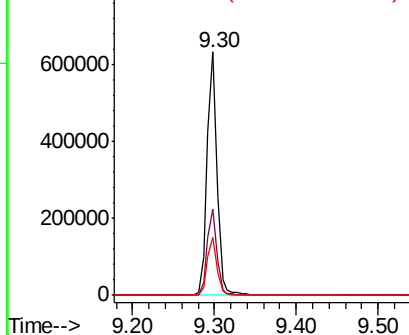


Abundance

Ion 172.00 (171.70 to 172.70): E

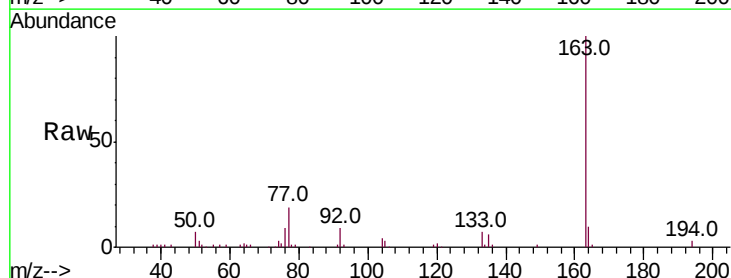
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.293 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.2	4.8	
164	10.0	8.1	12.1	

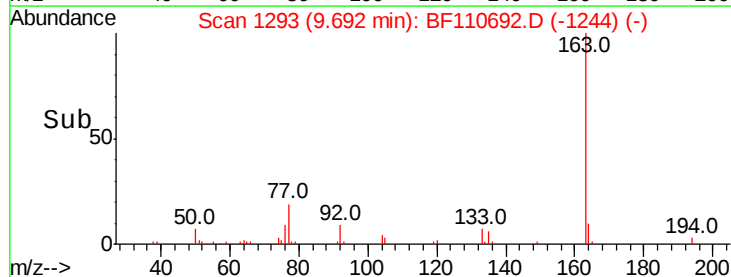
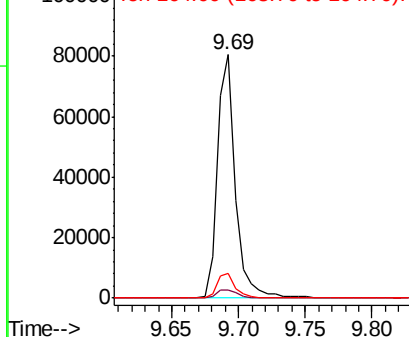


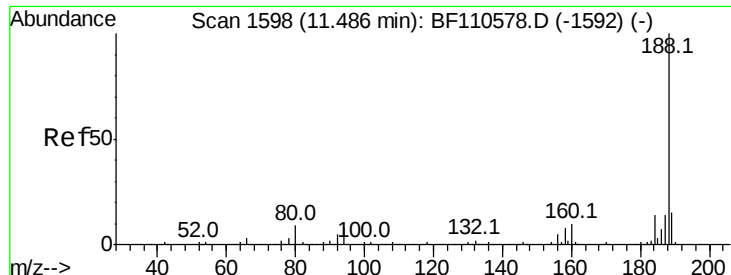
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Instrument :

BNA_F

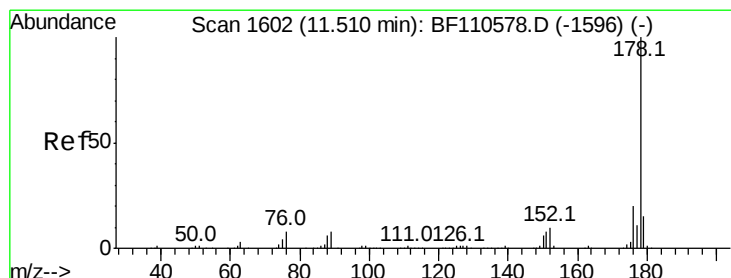
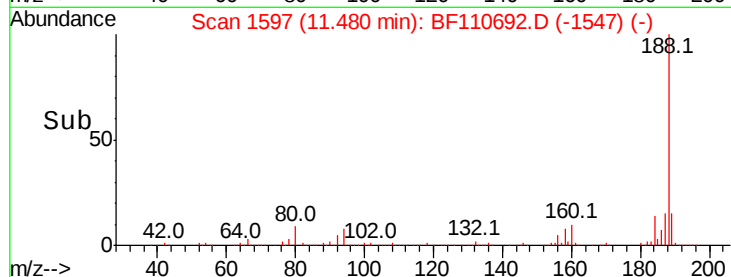
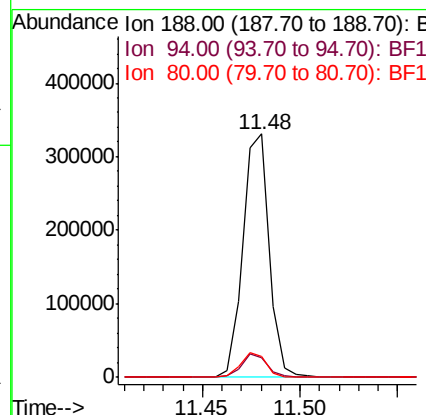
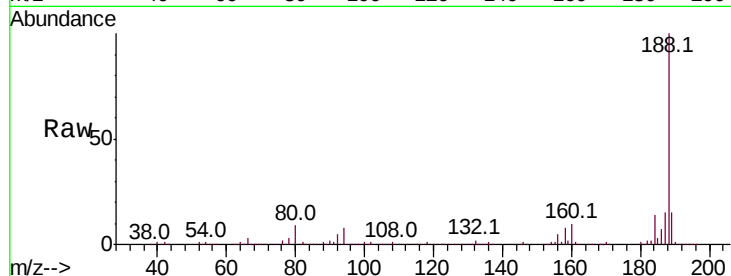
ClientSampleId :

TP-4-S

Tot Ion:	188	Resp:	309144
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.2	10.8
80	8.7	7.9	11.9

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#71

Phenanthrene

Concen: 14.171 ng

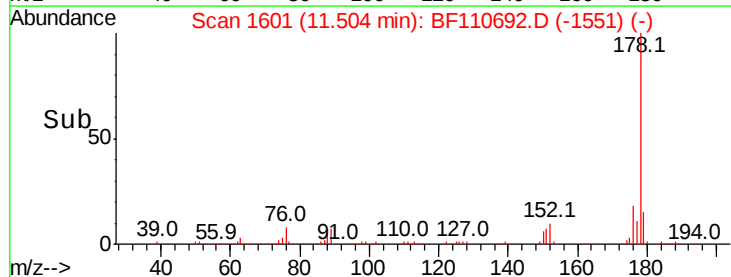
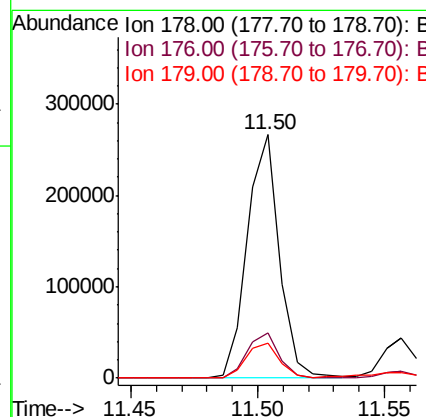
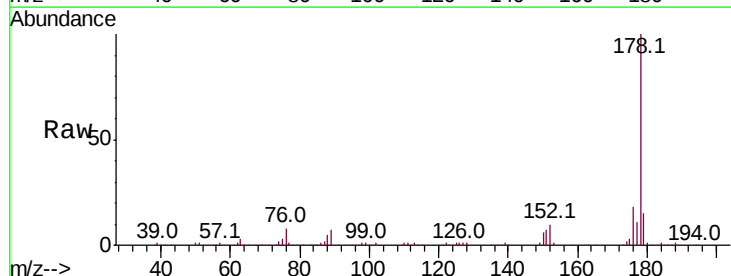
RT: 11.50 min Scan# 1601

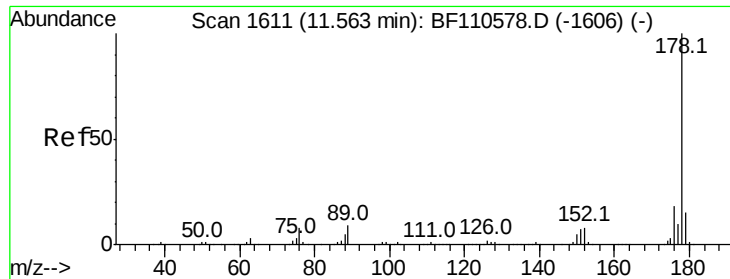
Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Tgt Ion:	178	Resp:	234709
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	14.6	12.5	18.7





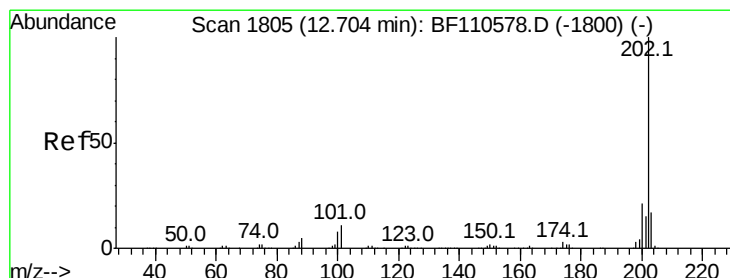
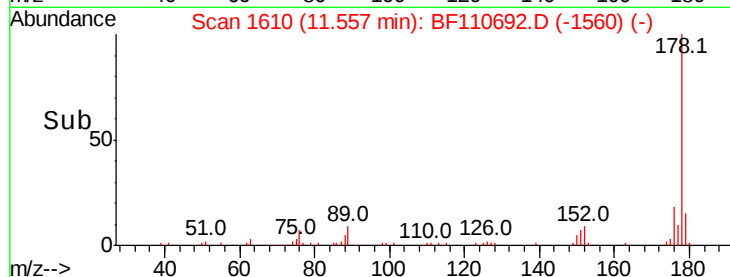
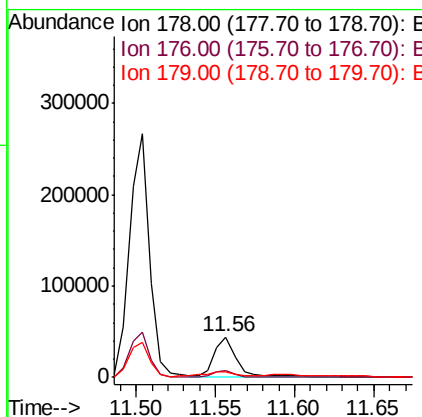
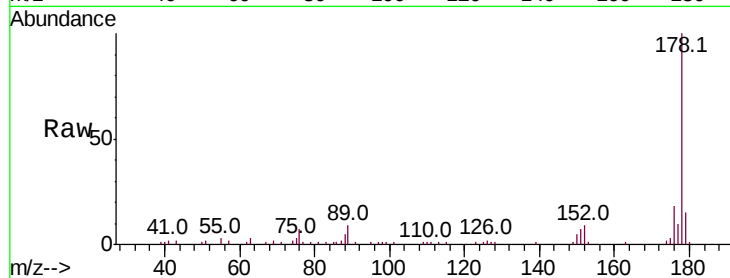
#72
 Anthracene
 Concen: 2.525 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110692.D
 Acq: 12 Nov 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.6	18.8

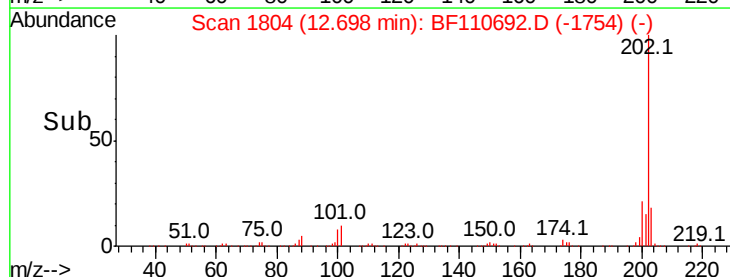
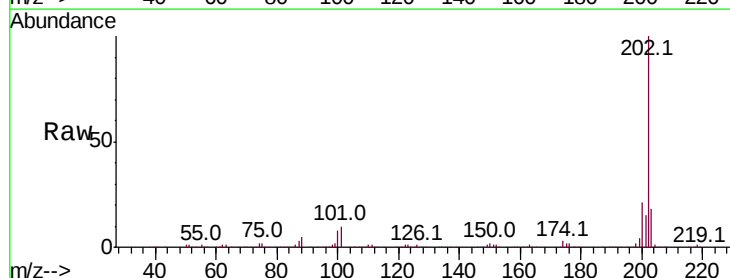
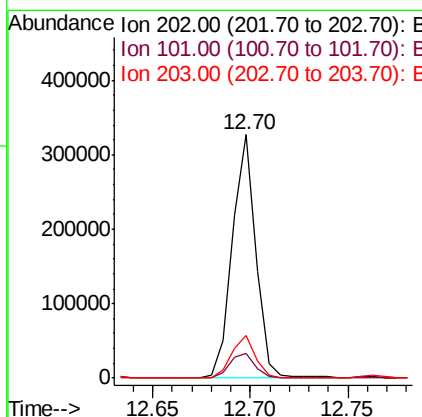
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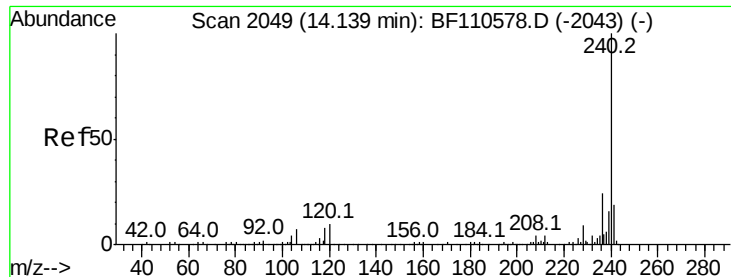
Sohil
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#75
 Fluoranthene
 Concen: 16.466 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110692.D
 Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	37.7





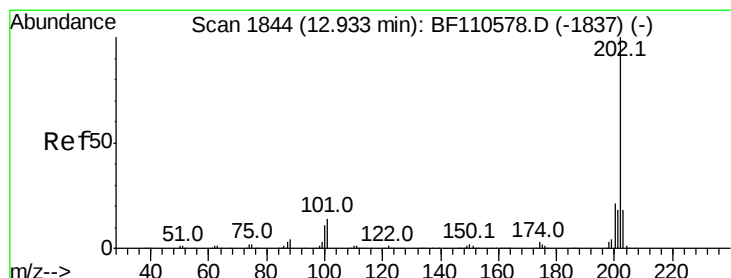
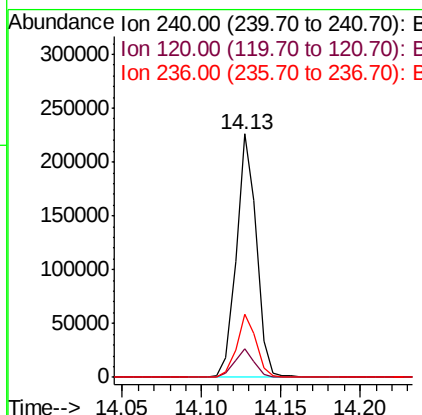
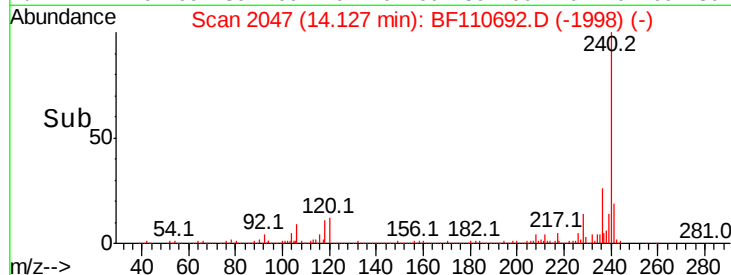
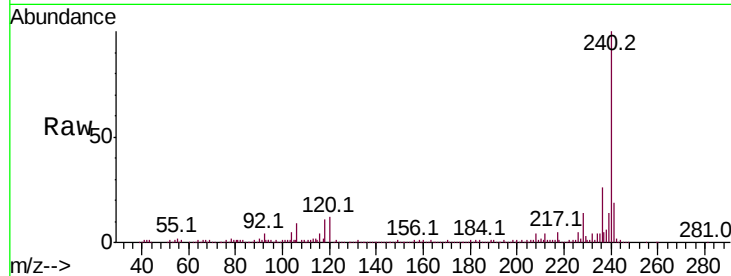
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	26.0	21.2	31.8

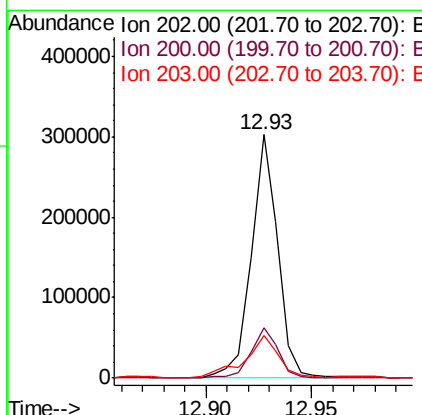
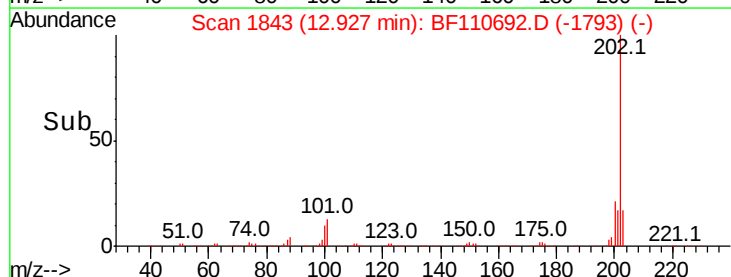
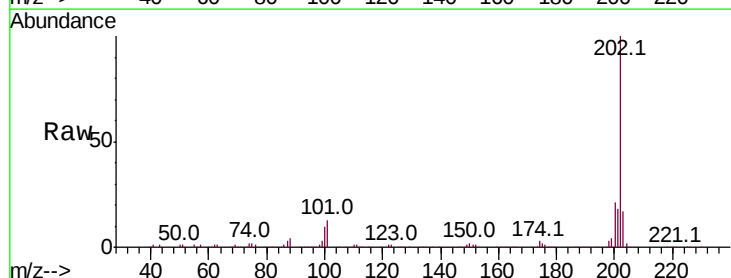
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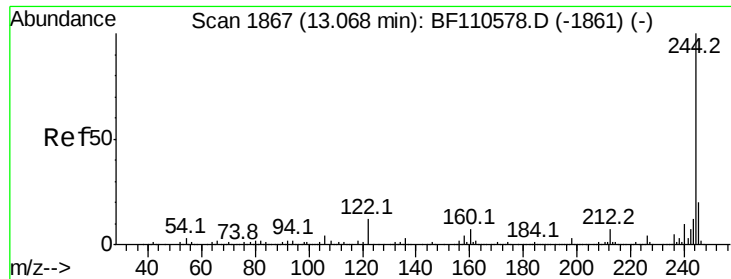
Sohil
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#78
Pyrene
Concen: 17.244 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.3	14.2	21.4





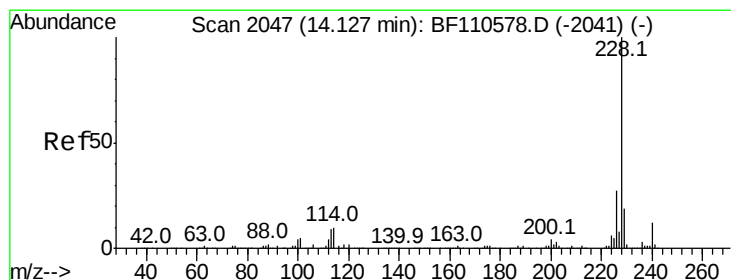
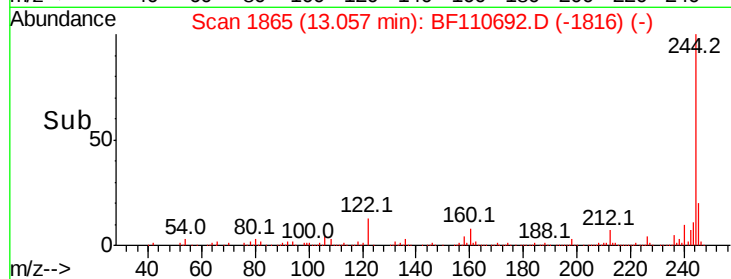
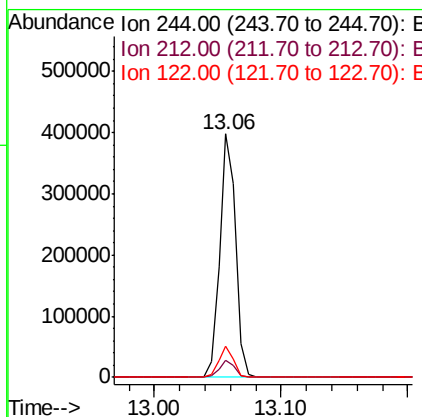
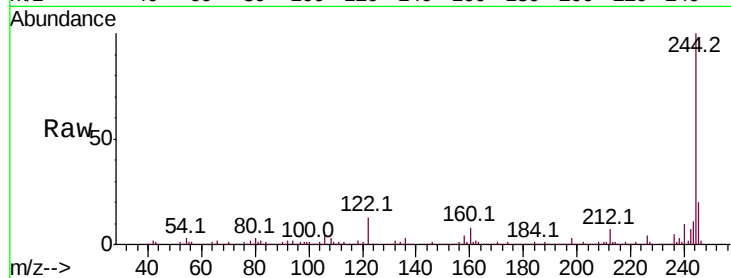
#79
 Terphenyl-d14
 Concen: 33.115 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110692.D
 Acq: 12 Nov 2018 23:22

Instrument :
 BNA_F
 ClientSampled :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1

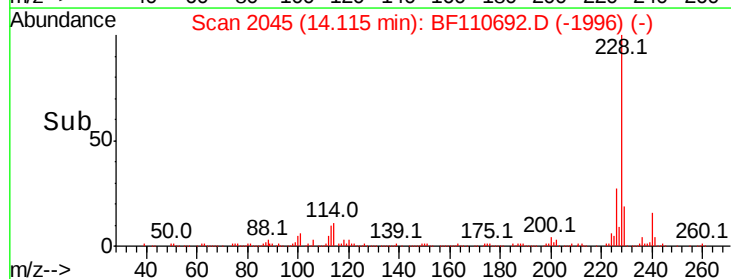
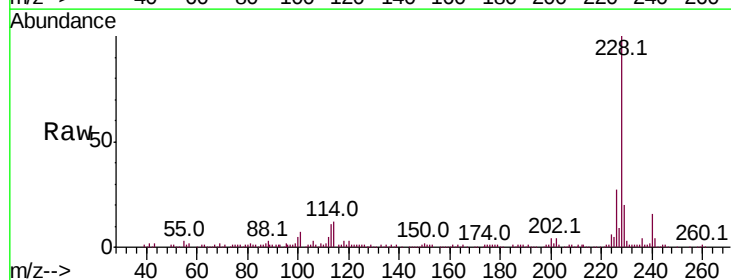
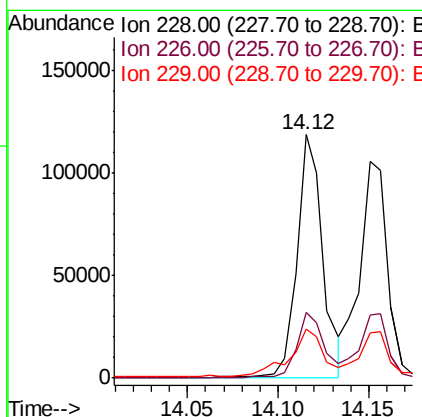
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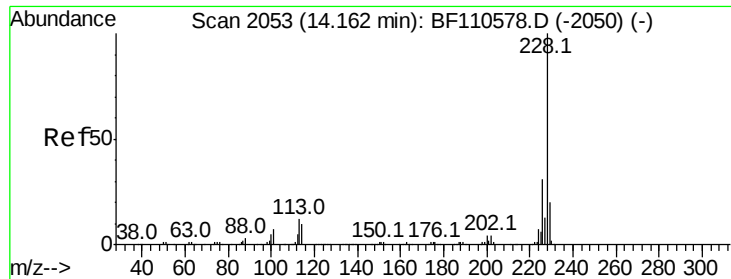
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#81
 Benzo(a)anthracene
 Concen: 9.994 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF110692.D
 Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.2	15.6	23.4





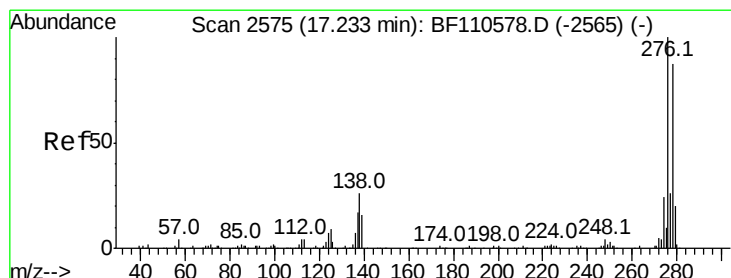
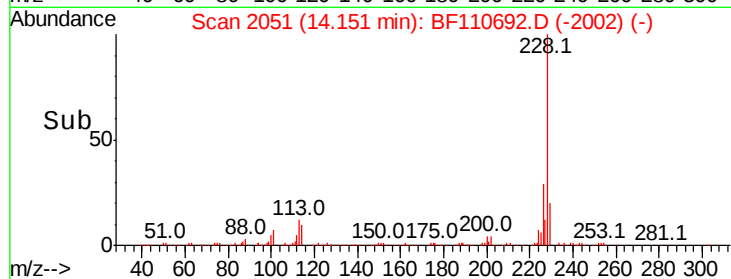
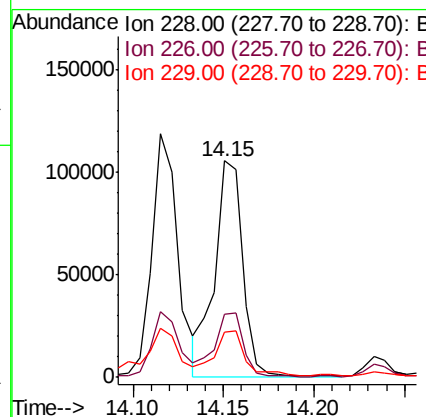
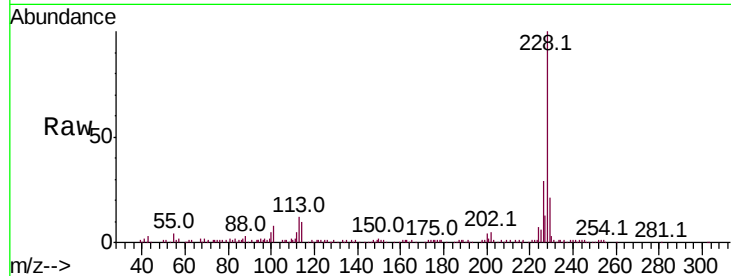
#83
Chrysene
Concen: 10.098 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.0	15.9	23.9

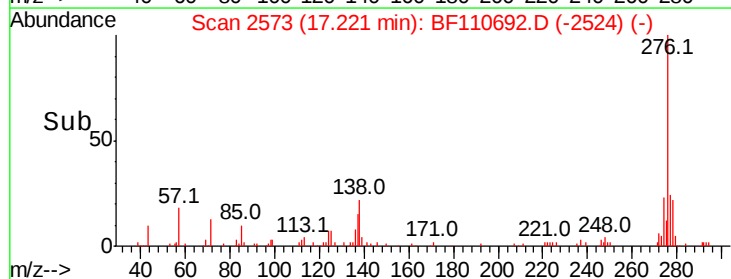
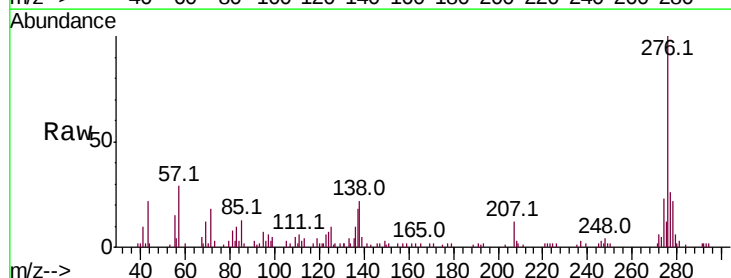
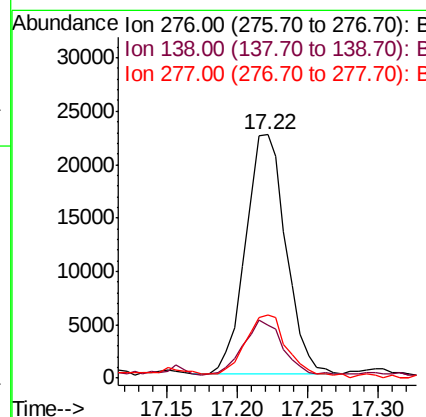
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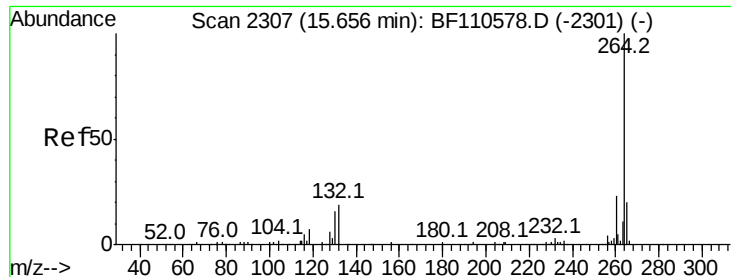
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.585 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.5	27.7
277	28.2	20.0	30.0





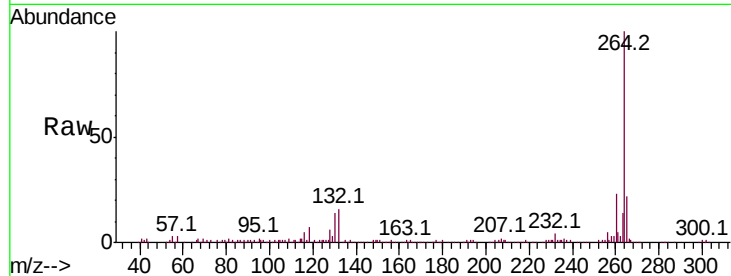
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.9	16.7	25.1

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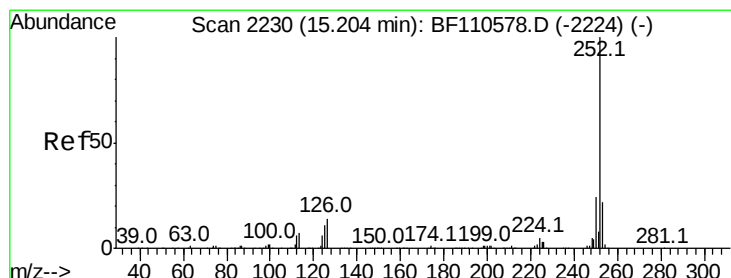
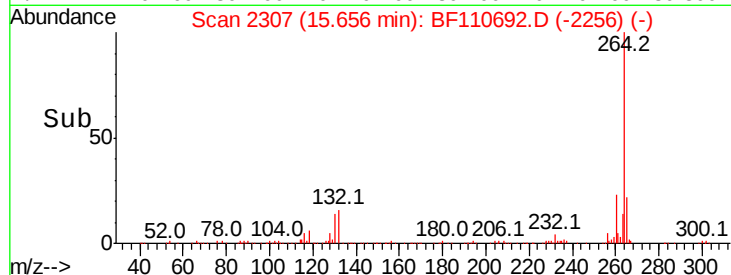
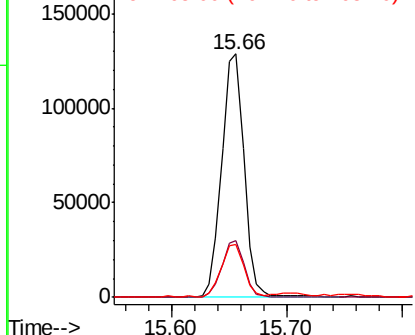


Abundance

Ion 264.00 (263.70 to 264.70): E

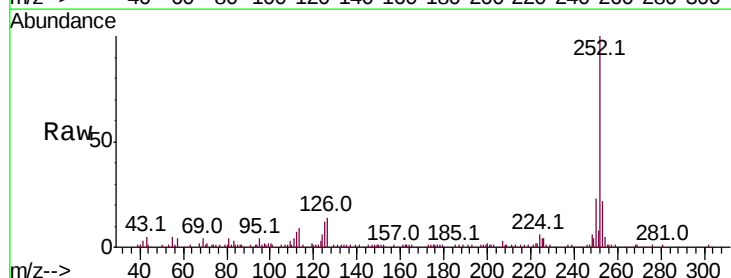
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 12.943 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	8.2	12.4

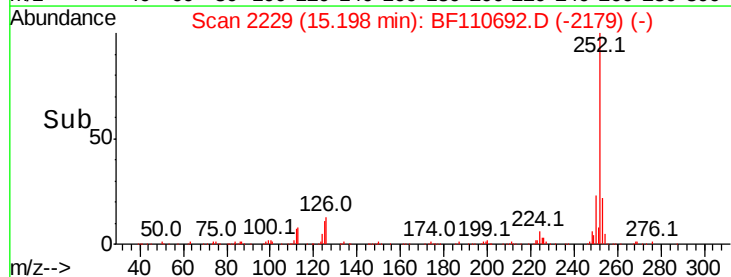
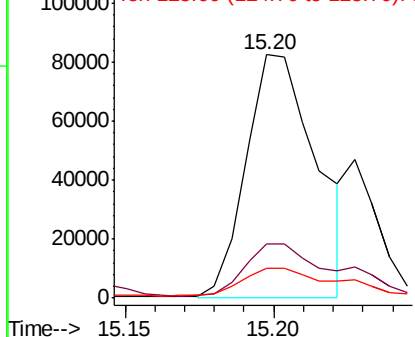


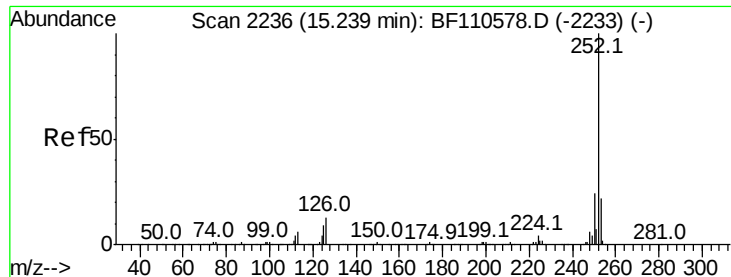
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.420 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Instrument :

BNA_F

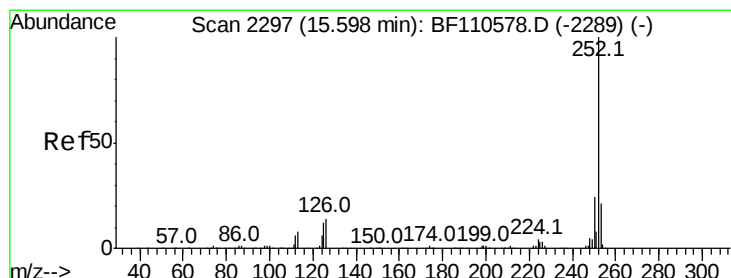
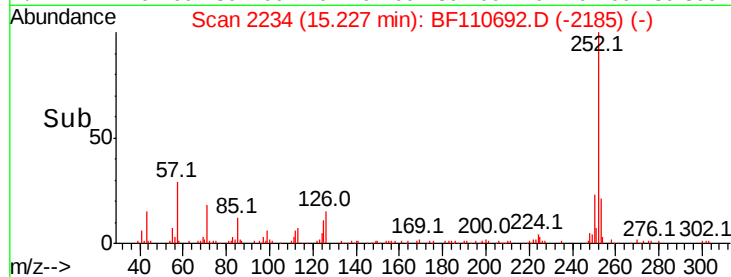
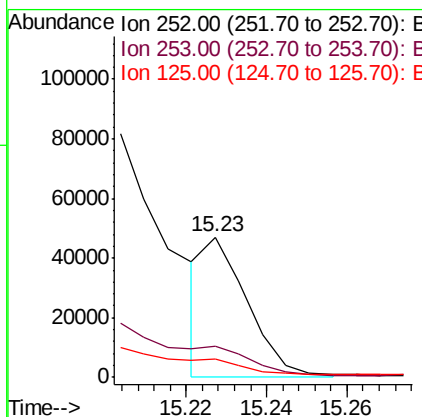
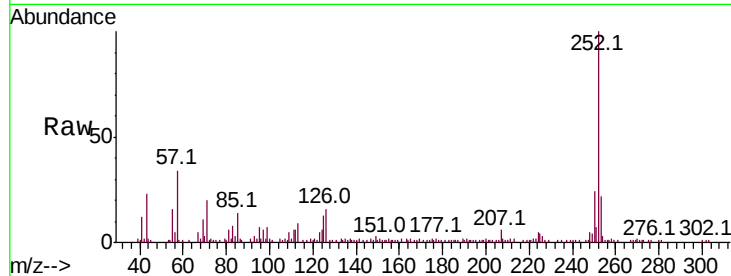
ClientSampleId :

TP-4-S

Tot Ion:	252	Resp:	35333
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	12.9	7.4	11.0#

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#90

Benzo(a)pyrene

Concen: 9.086 ng

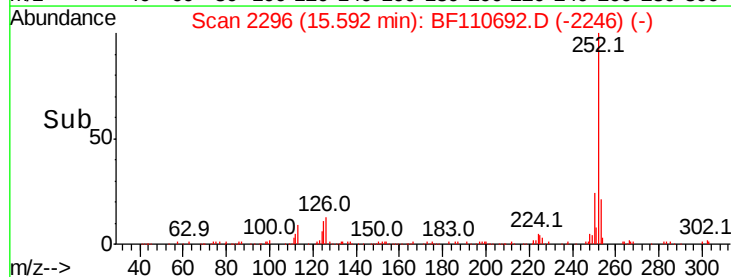
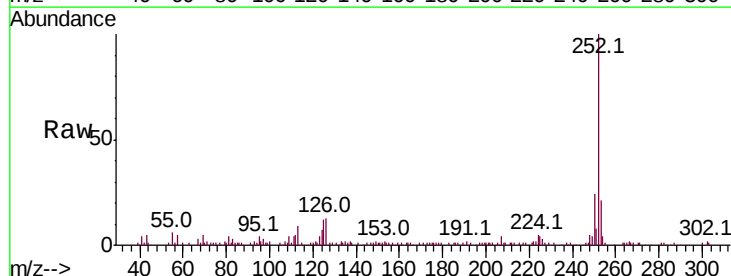
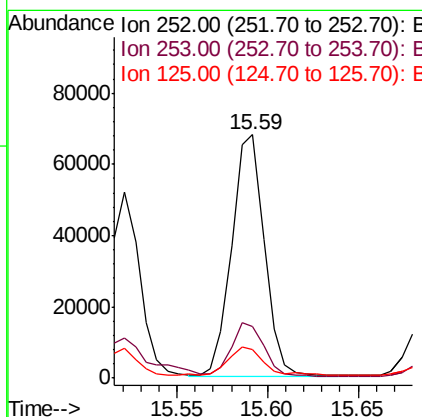
RT: 15.59 min Scan# 2296

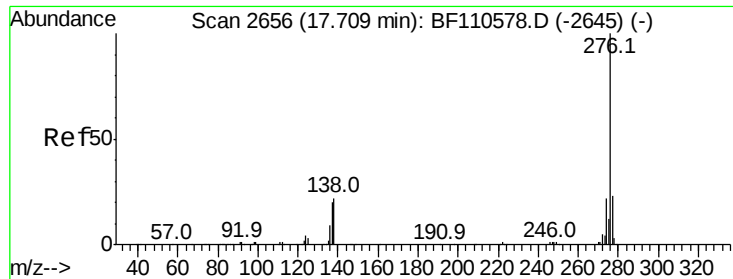
Delta R.T. -0.01 min

Lab File: BF110692.D

Acq: 12 Nov 2018 23:22

Tgt Ion:	252	Resp:	86304
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.2	27.4
125	11.8	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.478 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: BF110692.D
 Acq: 12 Nov 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion:	276	Resp:	43686
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	23.1	16.0	24.0

Manual Integrations
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 11/13/2018 2:22:57 PM

