

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110691.D
 Acq On : 12 Nov 2018 22:54
 Operator : JU/SJ
 Sample : J5907-20 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Manual Integrations
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 11/13/2018 2:22:55 PM

Quant Time: Nov 13 06:38:30 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	93778	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	399254	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	180832	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	294712	20.00	ng	0.00
76) Chrysene-d12	14.13	240	185446	20.00	ng	-0.01
87) Perylene-d12	15.66	264	167057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	296173	51.30	ng	0.00
7) Phenol-d6	6.56	99	387145	52.44	ng	-0.01
23) Nitrobenzene-d5	7.50	82	243121	35.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	64463	35.38	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	459960	36.33	ng	0.00
79) Terphenyl-d14	13.06	244	319495	32.26	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.57	94	21524	2.514	ng	80
50) Dimethylphthalate	9.69	163	64404	4.773	ng	100
71) Phenanthrene	11.50	178	243842	15.444	ng	99
72) Anthracene	11.56	178	55978	3.515	ng	97
75) Fluoranthene	12.70	202	272609	17.221	ng	97
78) Pyrene	12.93	202	242545	16.986	ng	98
81) Benzo(a)anthracene	14.12	228	113341	10.225	ng	99
83) Chrysene	14.15	228	102134	9.672	ng	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	42925	5.665	ng	95
88) Benzo(b)fluoranthene	15.20	252	120865m	12.094	ng	
89) Benzo(k)fluoranthene	15.23	252	32595m	3.301	ng	
90) Benzo(a)pyrene	15.59	252	79530	8.759	ng	97
92) Benzo(a,h,i)perylene	17.70	276	40723	5.341	ng	# 90

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

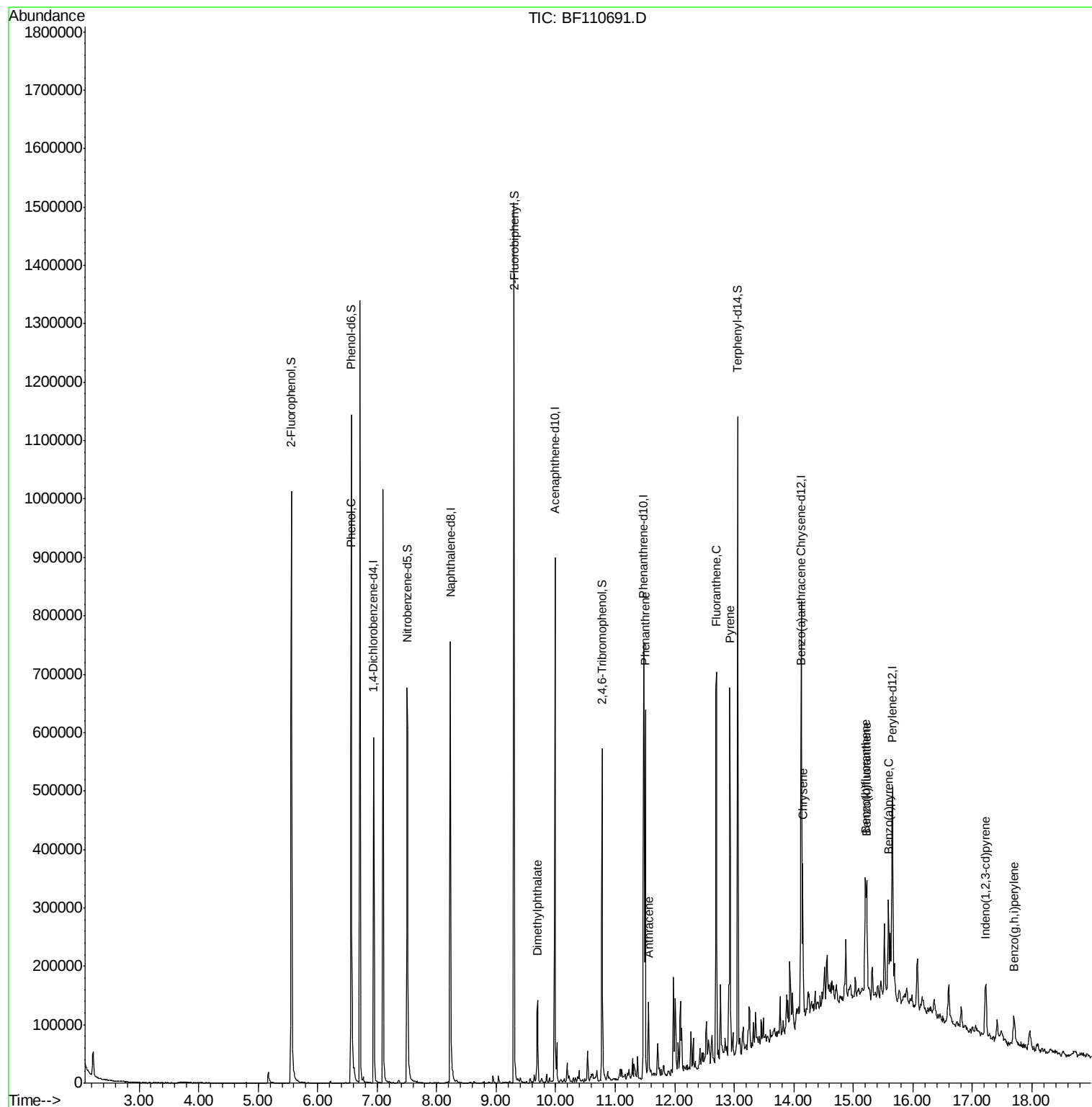
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110691.D
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Operator : JU/SJ
Sample : J5907-20 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

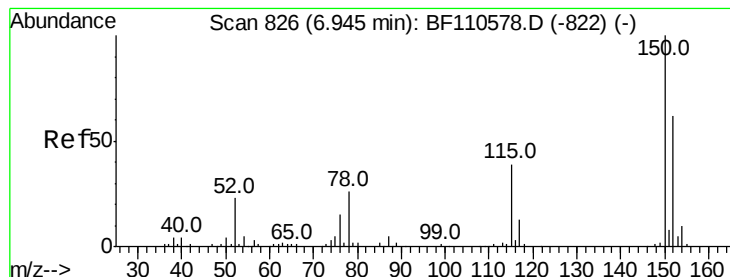
Instrument :
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TP-2-S

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

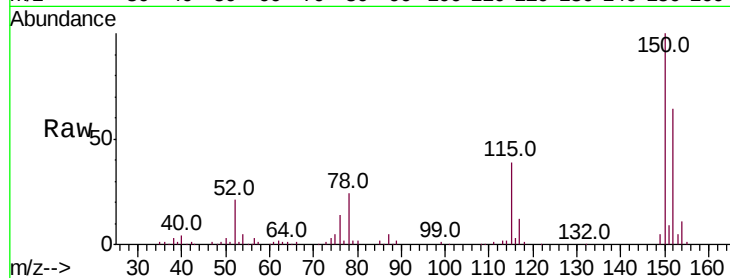
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.3	49.1	73.7

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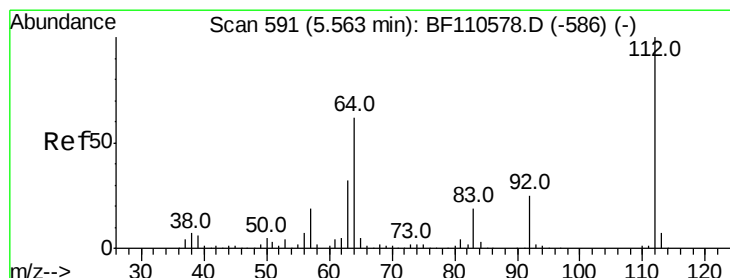
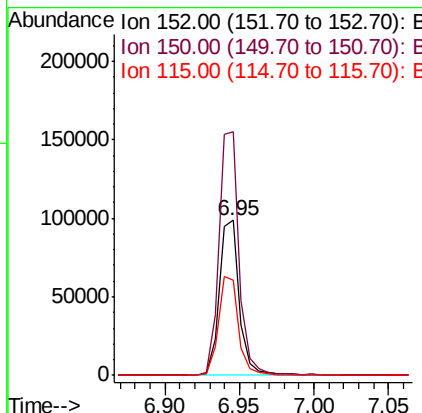
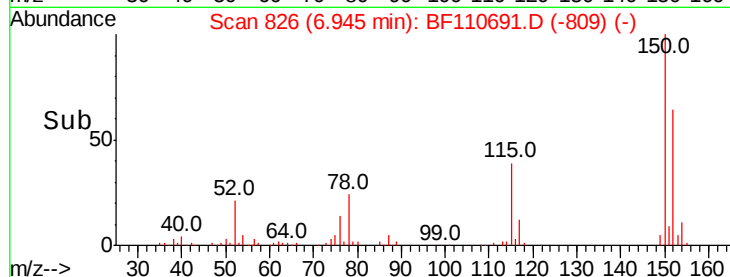


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

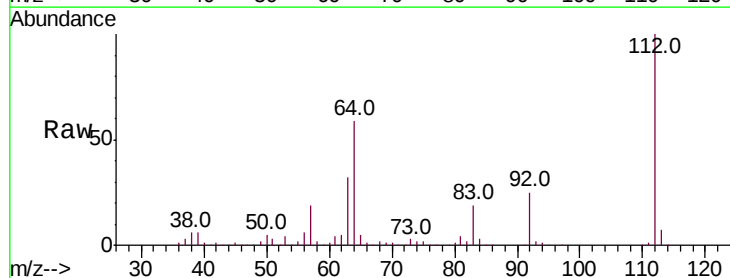
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.300 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	32.4	23.7	35.5

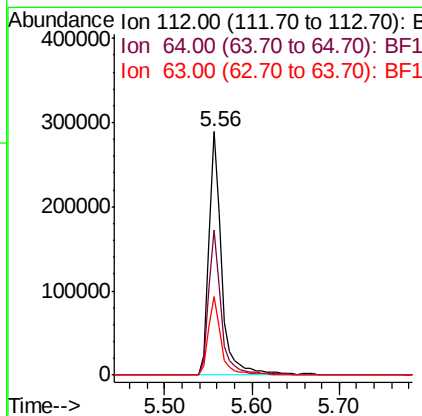
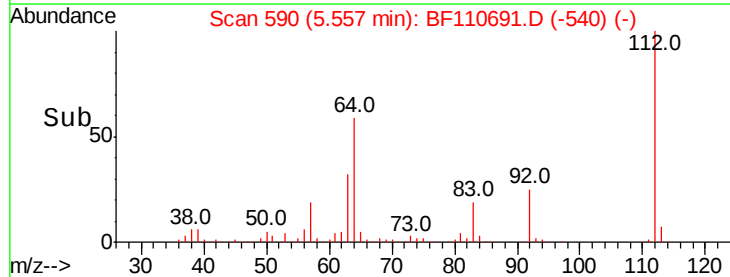


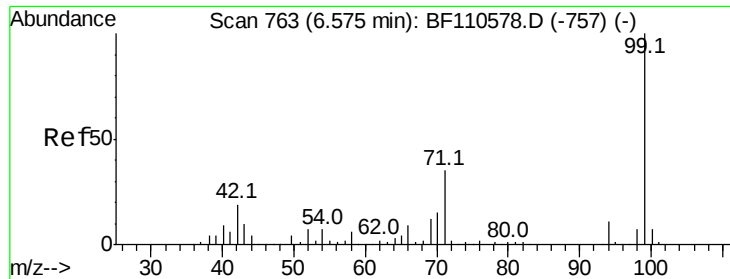
Abundance

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: 52.439 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110691.D

Acq: 12 Nov 2018 22:54

Instrument :

BNA_F

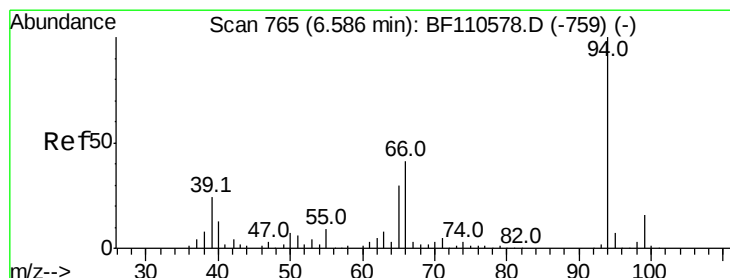
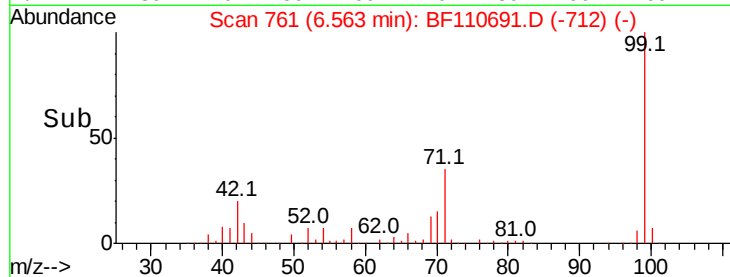
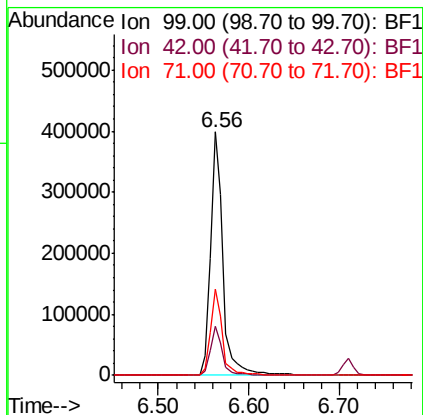
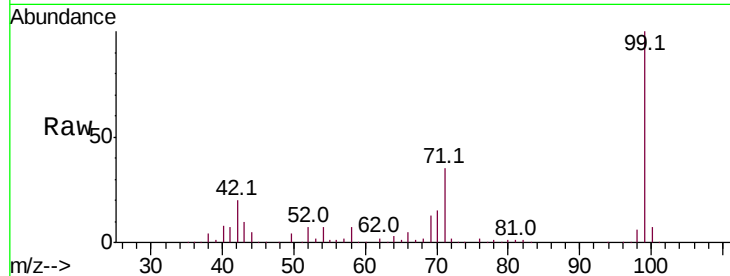
ClientSampled :

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Tot Ion:	99	Resp:	387145
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	35.5	28.0	42.0

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#10

Phenol

Concen: 2.514 ng

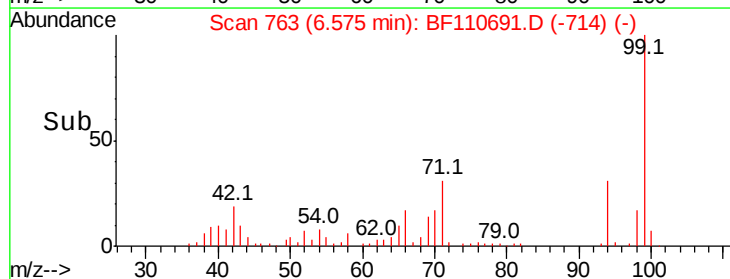
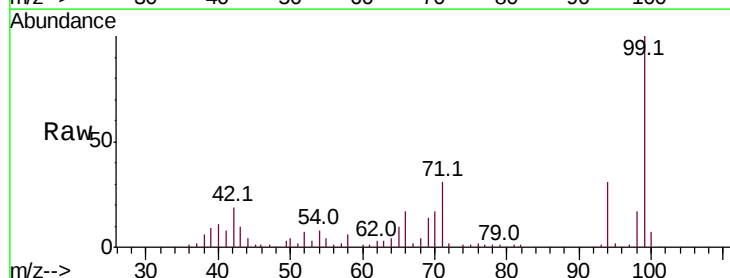
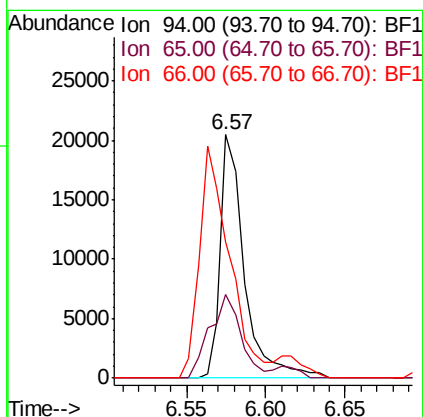
RT: 6.57 min Scan# 763

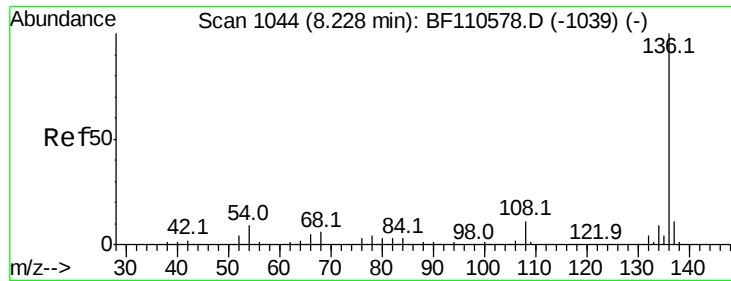
Delta R.T. -0.01 min

Lab File: BF110691.D

Acq: 12 Nov 2018 22:54

Tgt Ion:	94	Resp:	21524
Ion	Ratio	Lower	Upper
94	100		
65	34.1	25.3	65.3
66	56.0	54.5	94.5





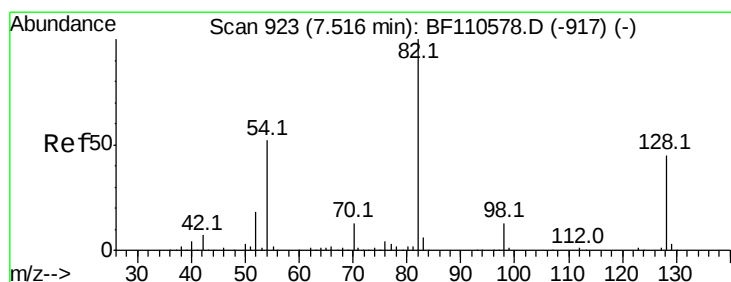
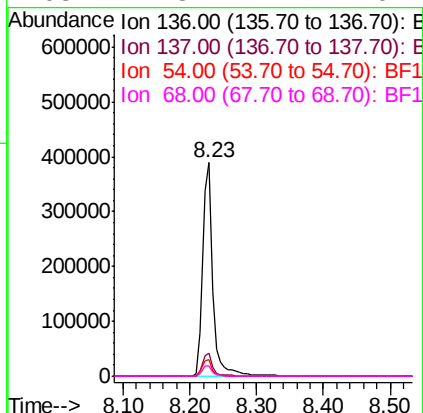
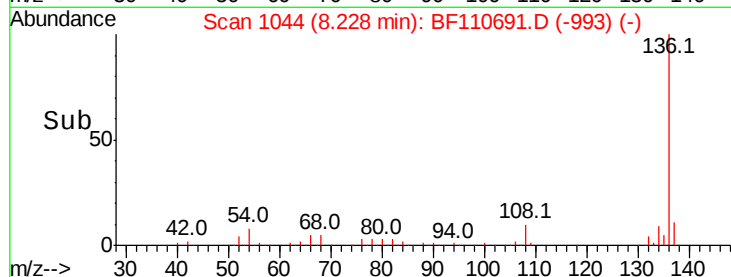
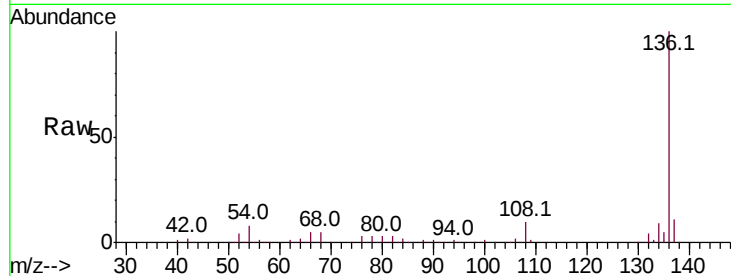
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100	399254		
137	10.7		8.8	13.2
54	7.5		5.4	8.2
68	4.8		4.2	6.2

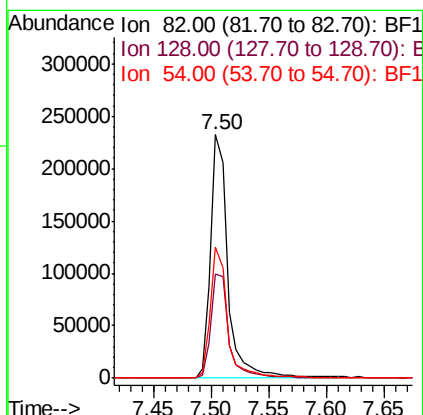
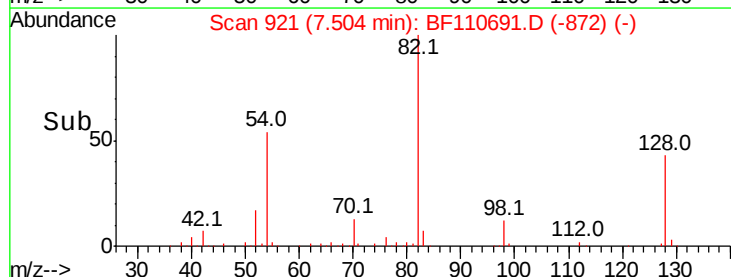
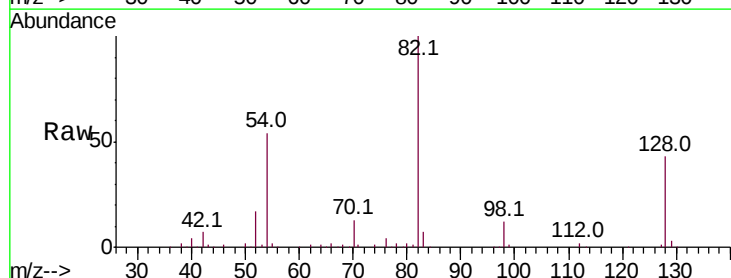
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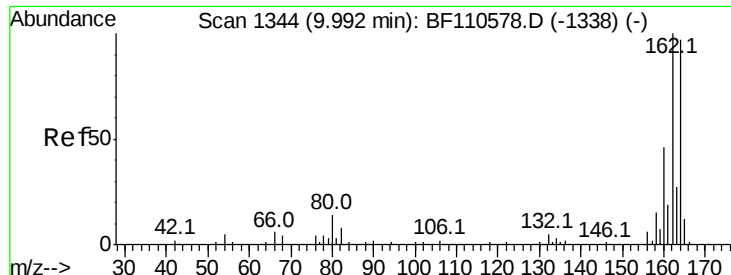
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#23
Nitrobenzene-d5
Concen: 35.068 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	243121		
128	42.6		34.2	51.2
54	53.6		38.6	58.0





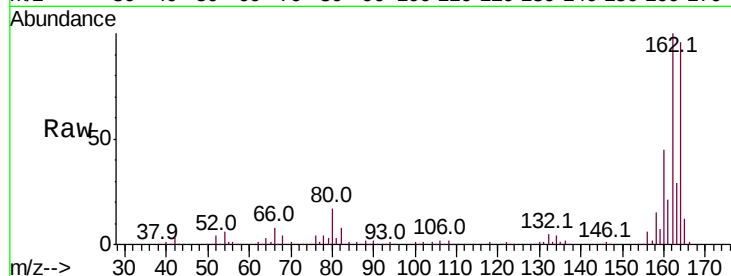
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampled :
TP-2-S

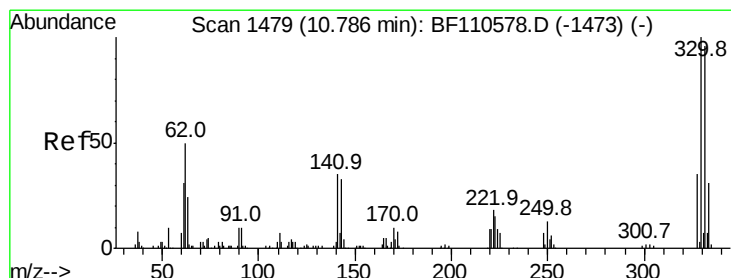
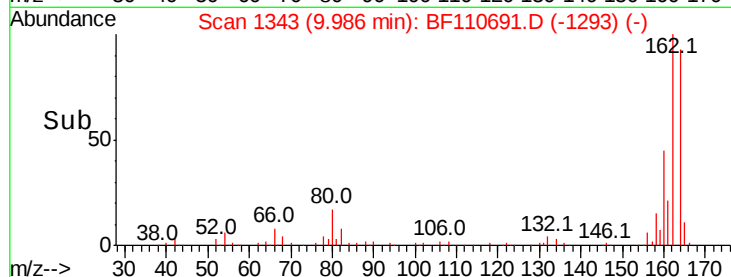
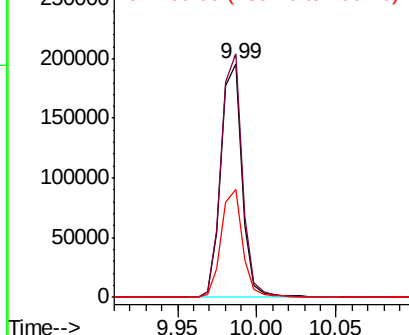
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.5	37.0	55.6

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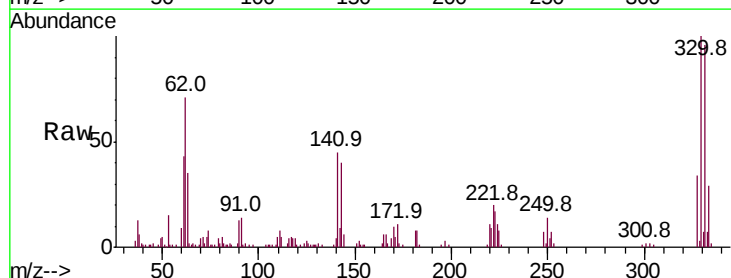


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

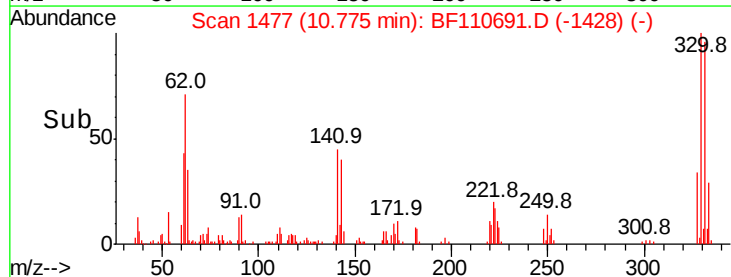
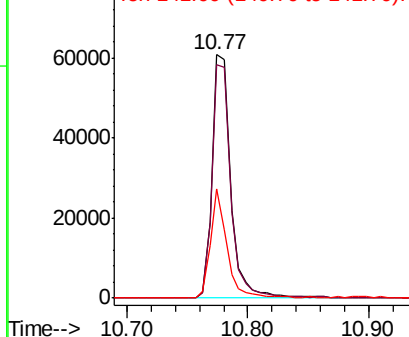


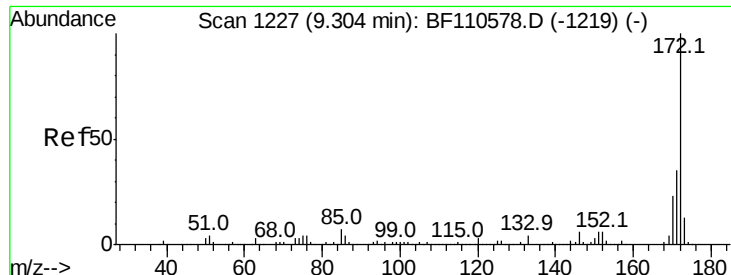
#42
2,4,6-Tribromophenol
Concen: 35.378 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	39.5	27.0	40.4



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





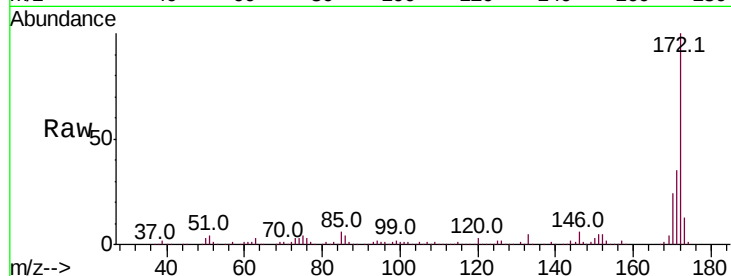
#45
2-Fluorobiphenyl
Concen: 36.327 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
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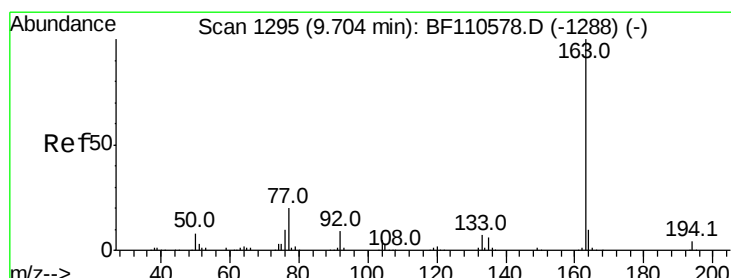
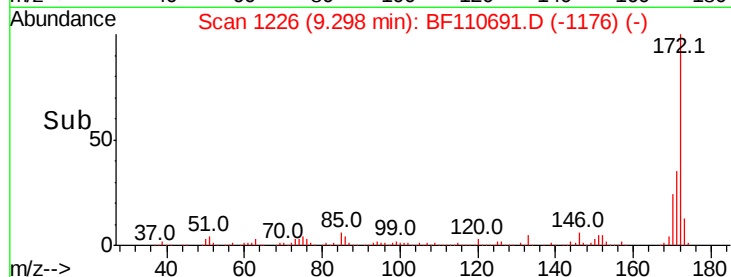
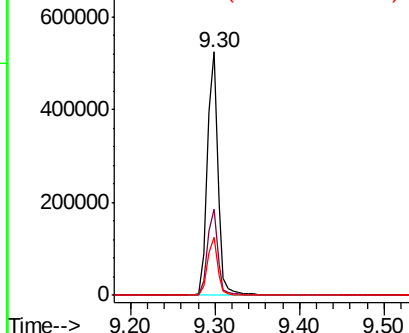
Tot Ion	Ratio	Resp	Lower	Upper
172	100	459960		
171	35.4		28.6	43.0
170	23.7		19.7	29.5

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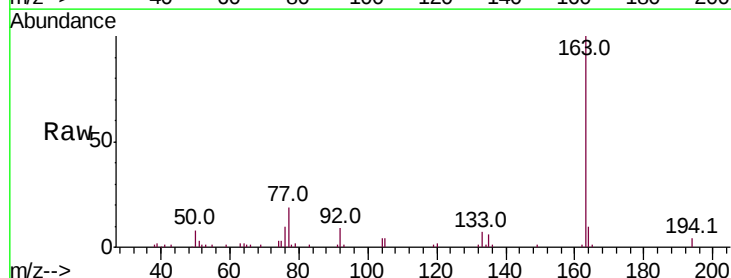


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

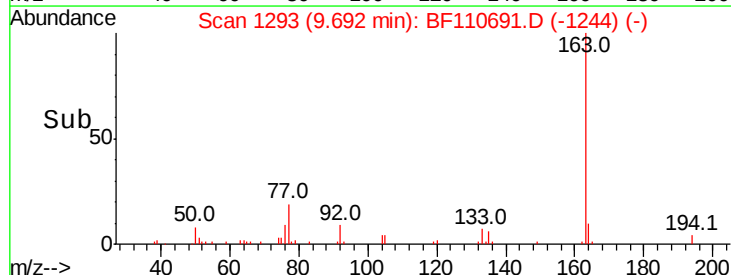
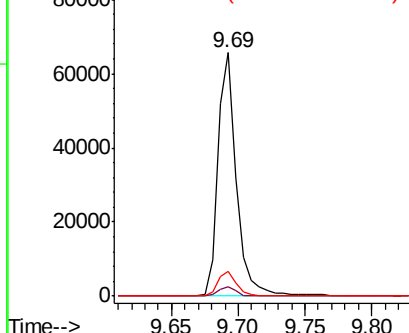


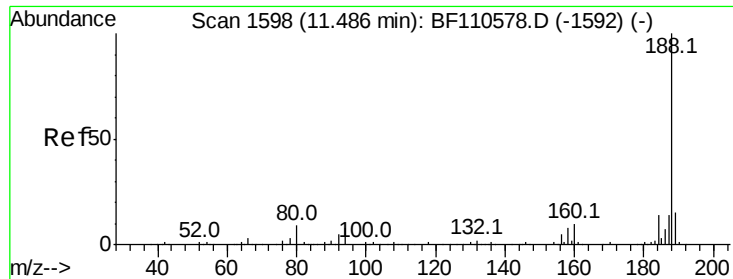
#50
Dimethylphthalate
Concen: 4.773 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	64404		
194	4.0		3.2	4.8
164	10.1		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: BF110691.D

Acq: 12 Nov 2018 22:54

Instrument :

BNA_F

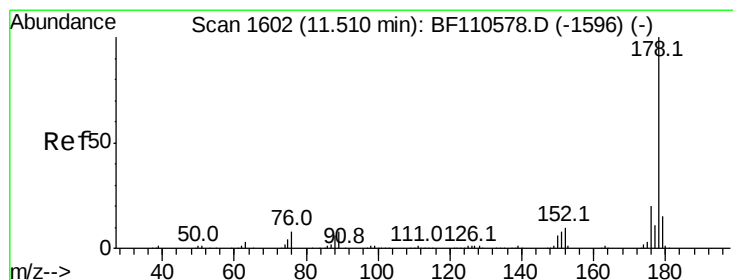
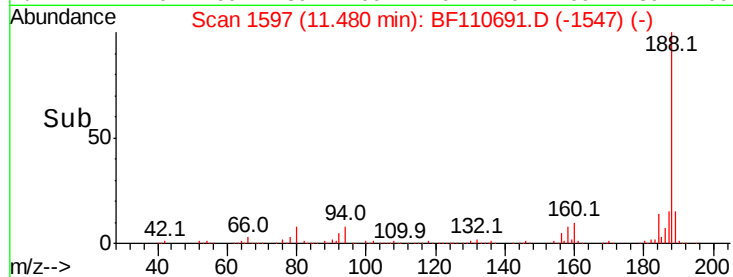
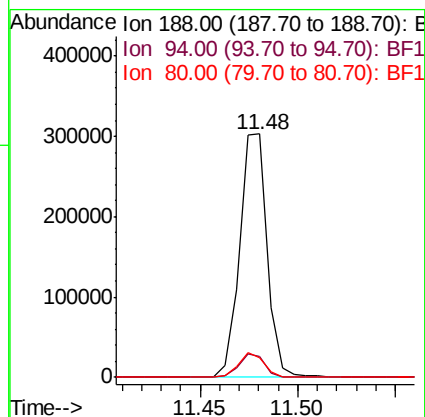
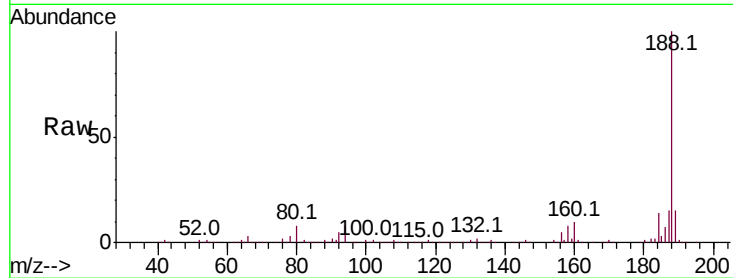
ClientSampled :

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Tot Ion:	188	Resp:	294712
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.2	10.8
80	8.2	7.9	11.9

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#71

Phenanthrene

Concen: 15.444 ng

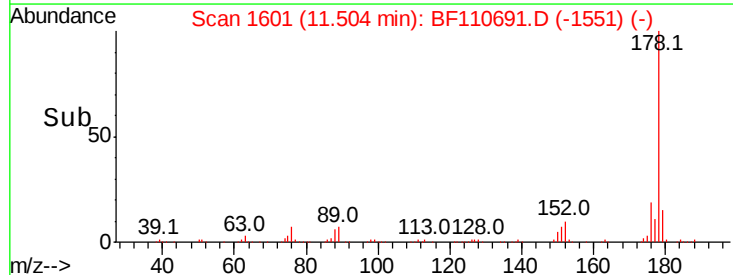
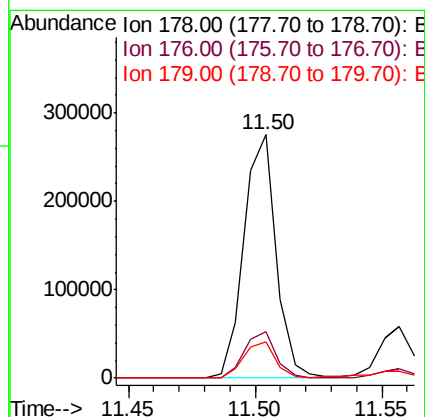
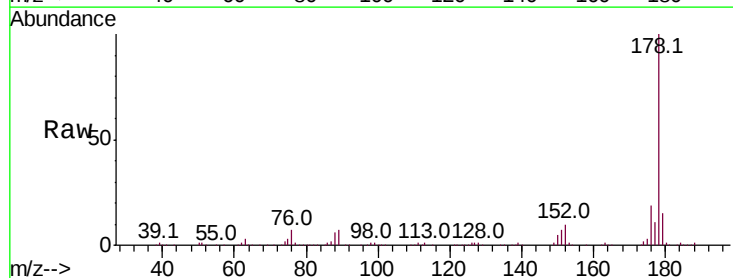
RT: 11.50 min Scan# 1601

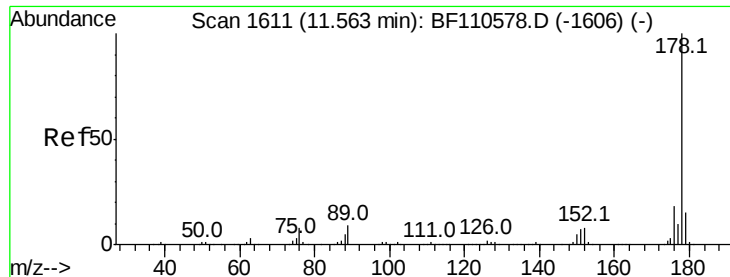
Delta R.T. -0.01 min

Lab File: BF110691.D

Acq: 12 Nov 2018 22:54

Tgt Ion:	178	Resp:	243842
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.5	23.3
179	14.8	12.5	18.7





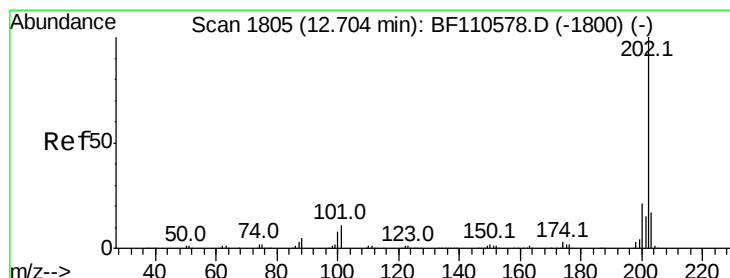
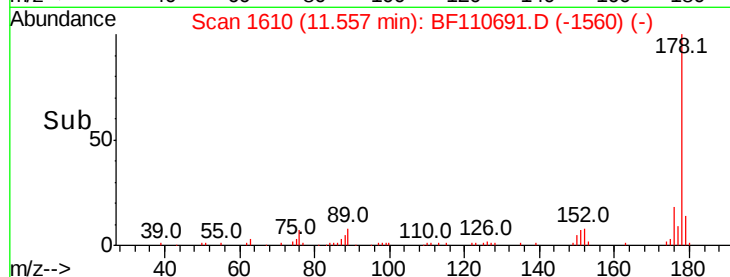
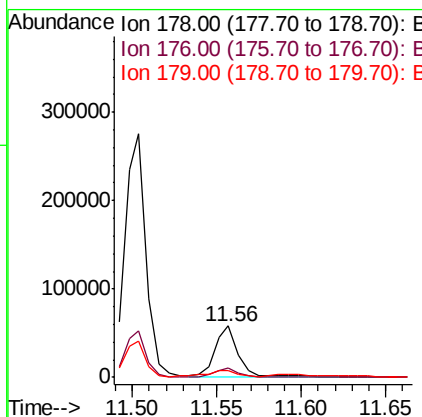
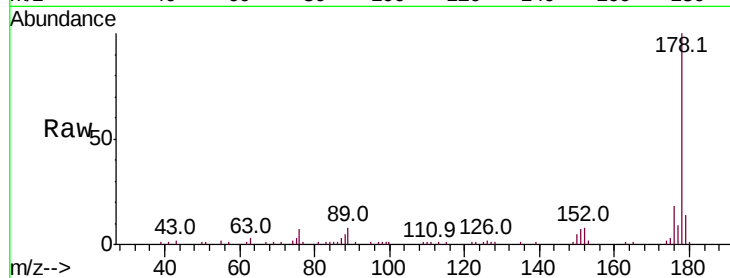
#72
 Anthracene
 Concen: 3.515 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110691.D
 Acq: 12 Nov 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.4	12.6	18.8

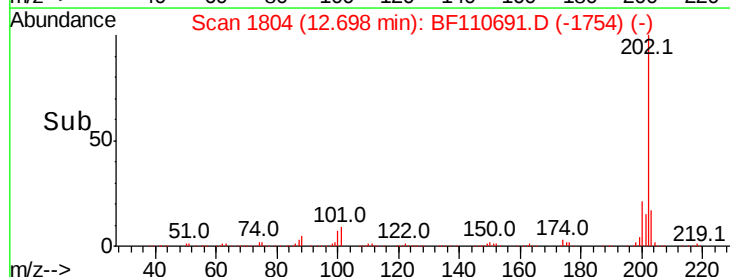
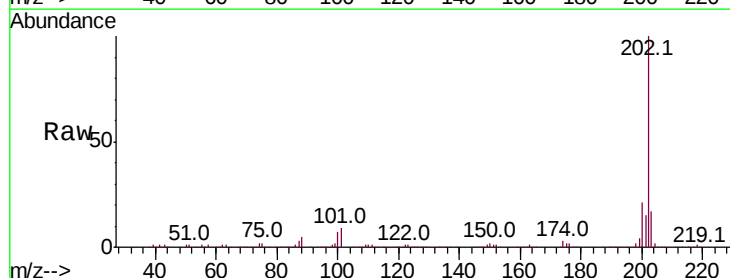
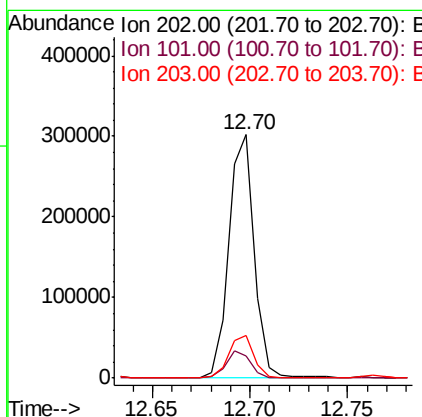
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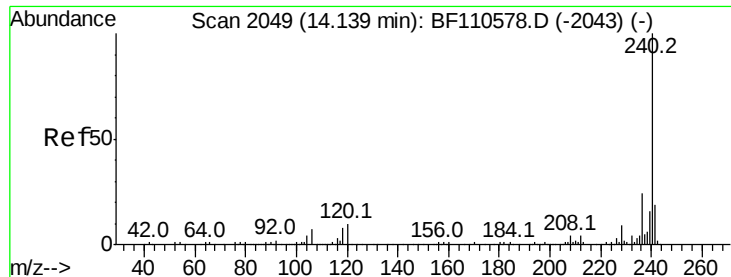
Sohil
 11/13/2018 2:22:55 PM



#75
 Fluoranthene
 Concen: 17.221 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110691.D
 Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.4
203	17.4	0.0	37.7





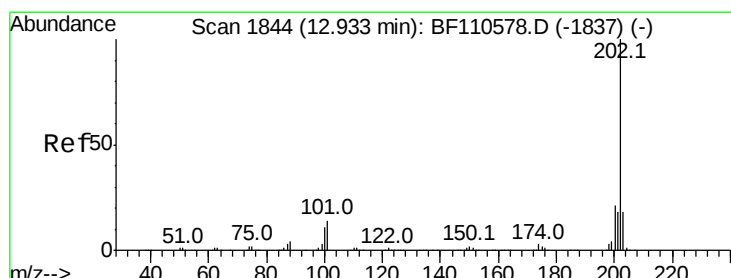
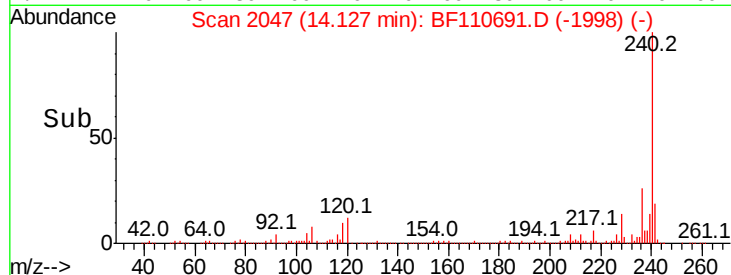
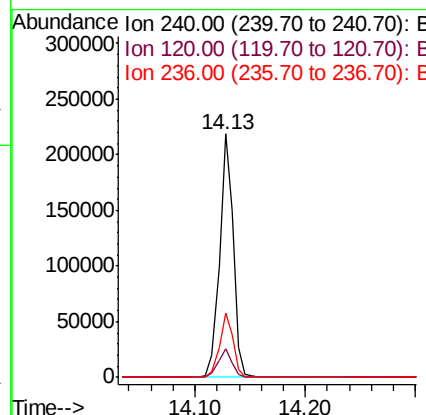
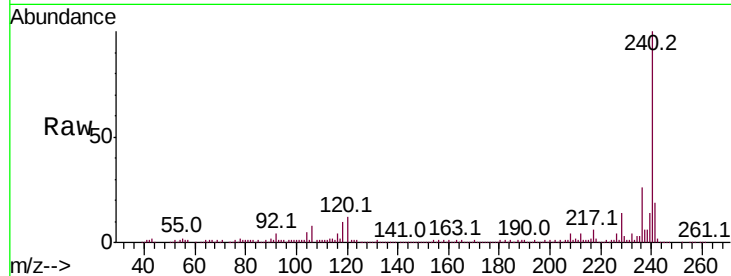
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.2	21.2	31.8

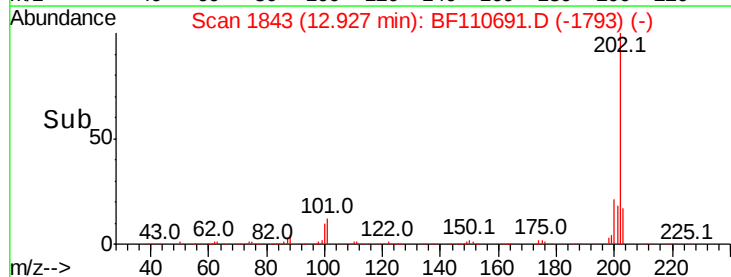
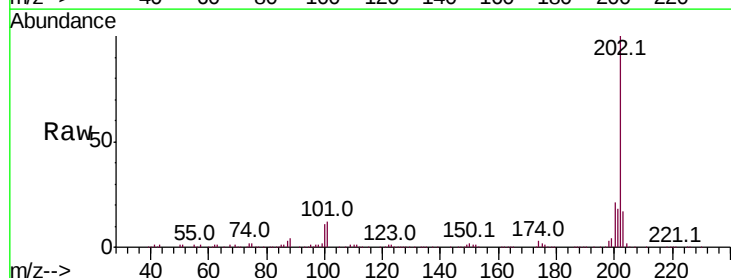
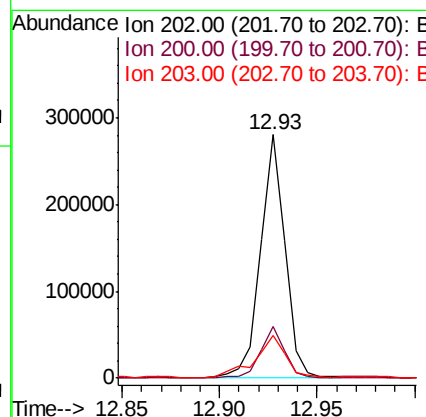
Manual Integrations
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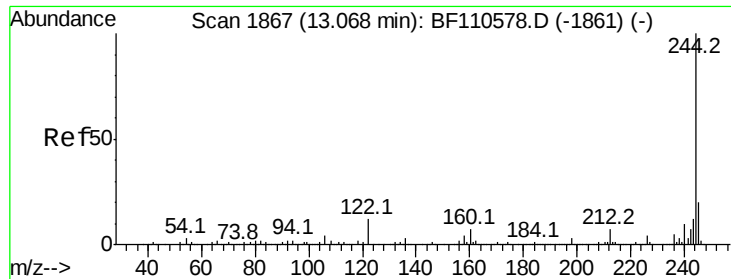
Sohil
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#78
Pyrene
Concen: 16.986 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.5	14.2	21.4





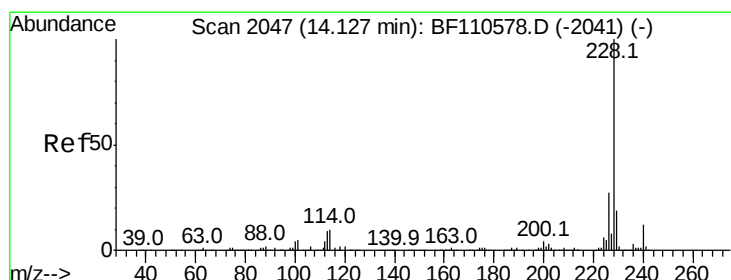
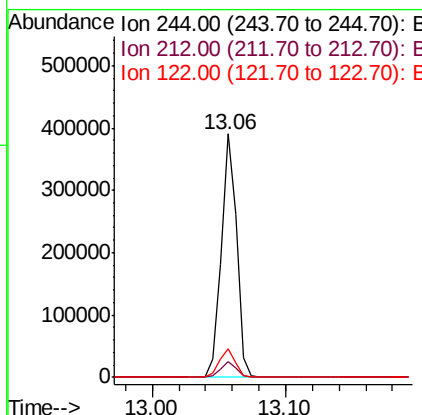
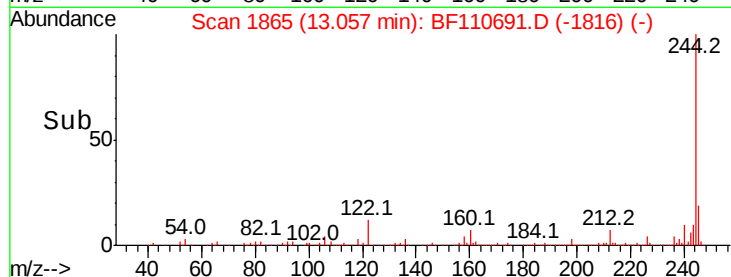
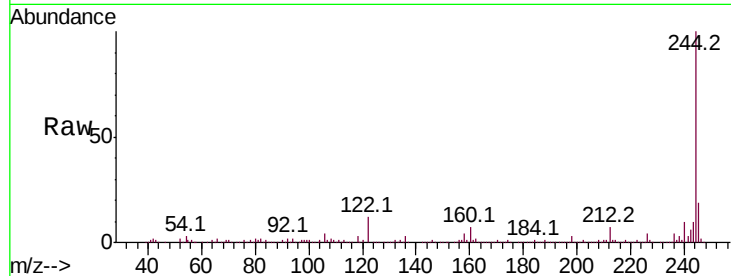
#79
 Terphenyl-d14
 Concen: 32.265 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110691.D
 Acq: 12 Nov 2018 22:54

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	8.7	13.1

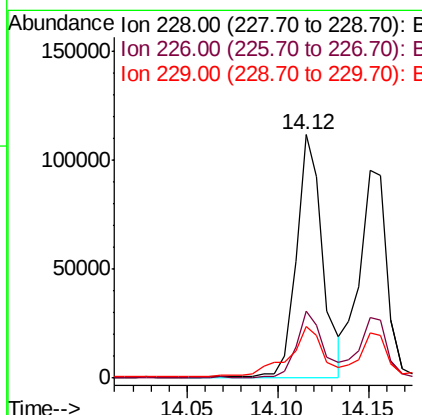
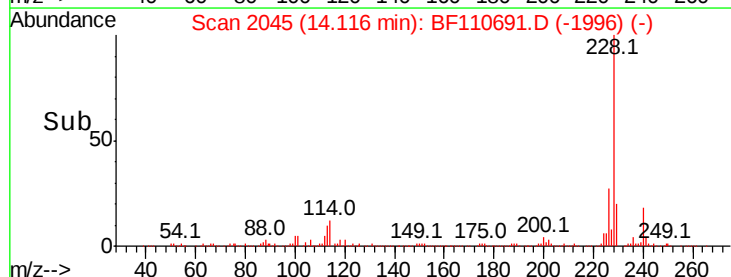
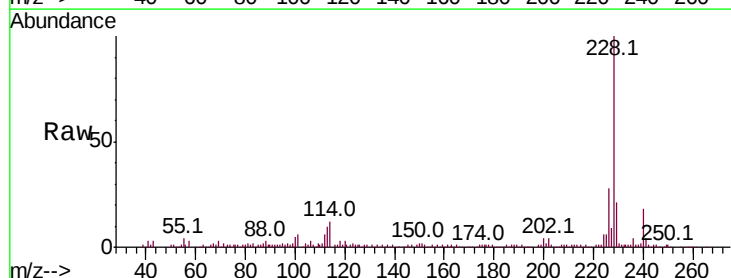
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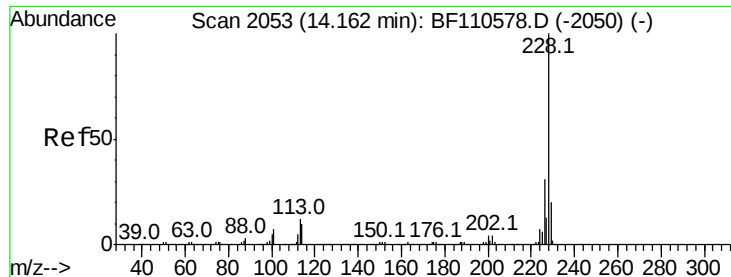
Sohil
 11/13/2018 2:22:55 PM



#81
 Benzo(a)anthracene
 Concen: 10.225 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF110691.D
 Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	21.1	15.6	23.4





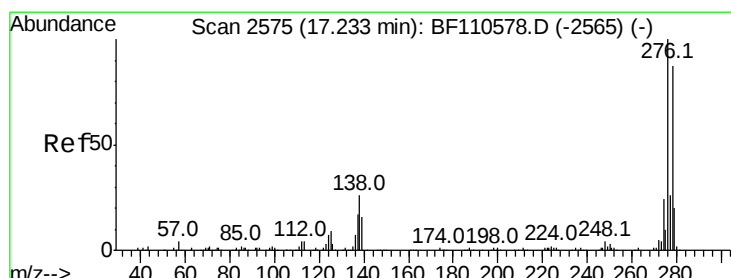
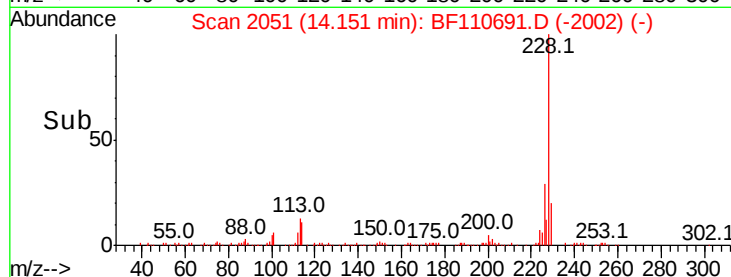
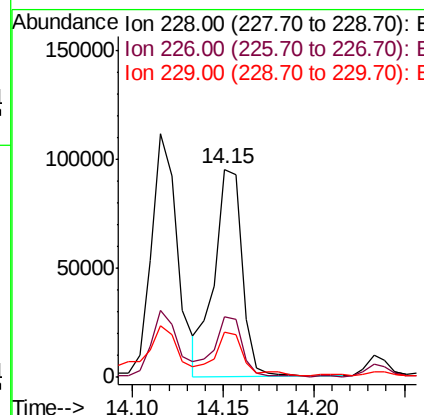
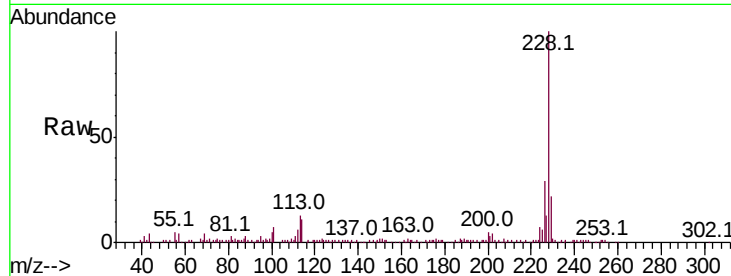
#83
Chrysene
Concen: 9.672 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion:228	Resp:	102134
Ion Ratio	Lower	Upper
228 100		
226 29.2	24.7	37.1
229 21.6	15.9	23.9

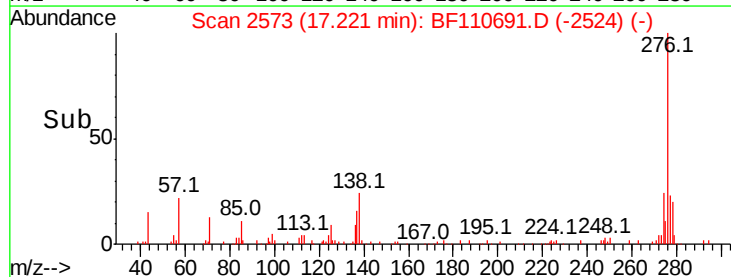
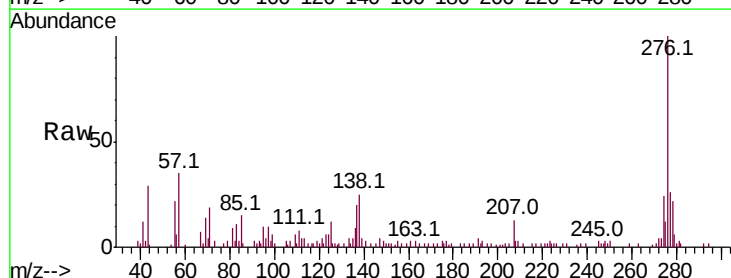
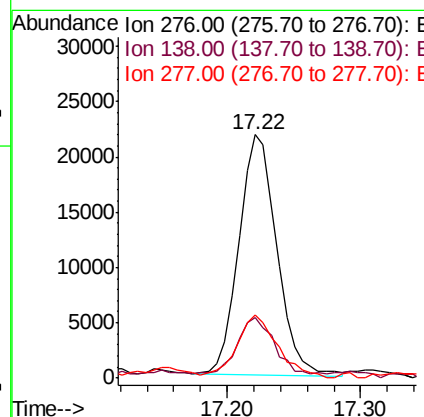
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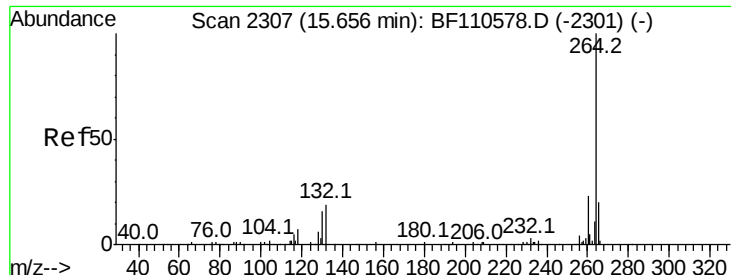
Sohil
11/13/2018 2:22:55 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 5.665 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:276	Resp:	42925
Ion Ratio	Lower	Upper
276 100		
138 22.0	18.5	27.7
277 28.4	20.0	30.0





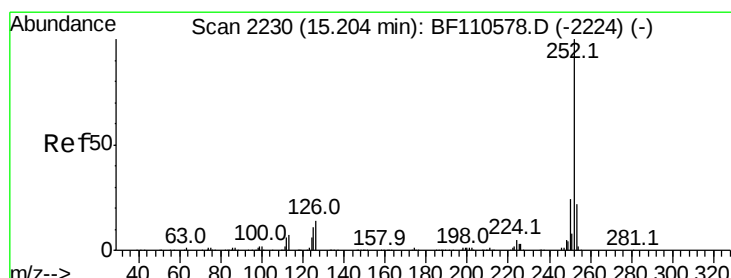
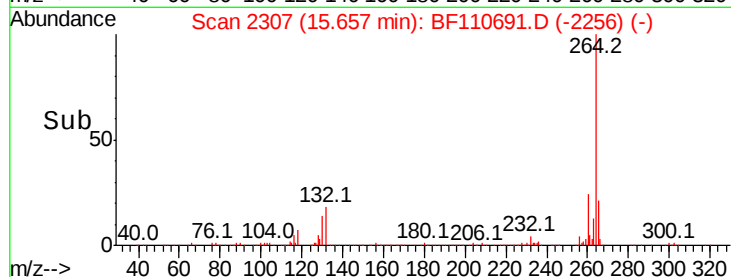
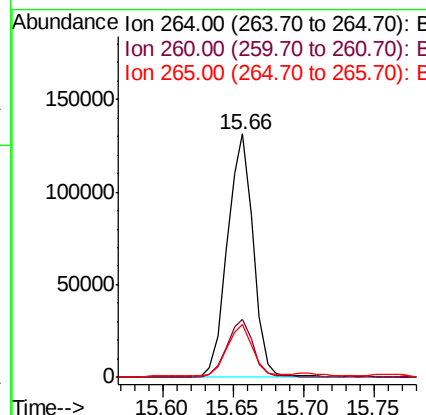
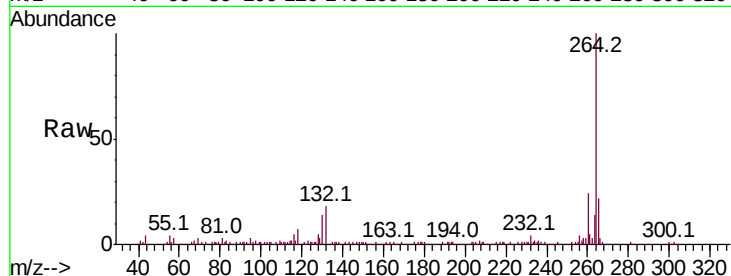
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	16.7	25.1

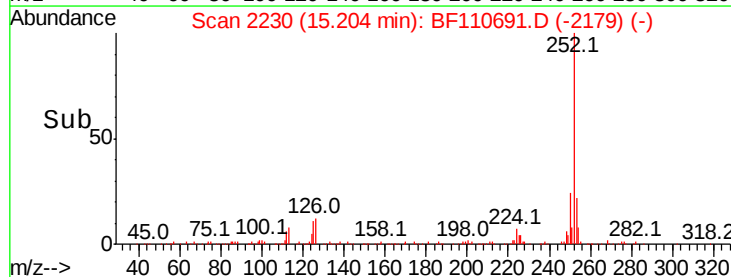
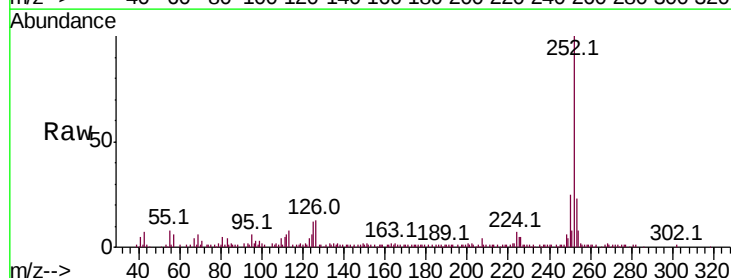
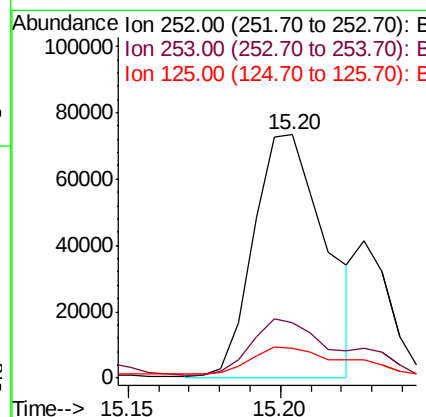
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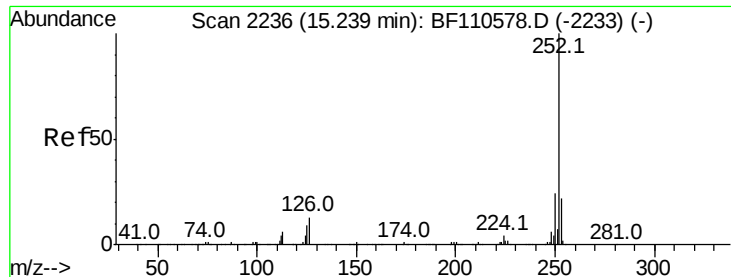
Sohil
11/13/2018 2:22:55 PM



#88
Benzo(b)fluoranthene
Concen: 12.094 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.0	8.2	12.4





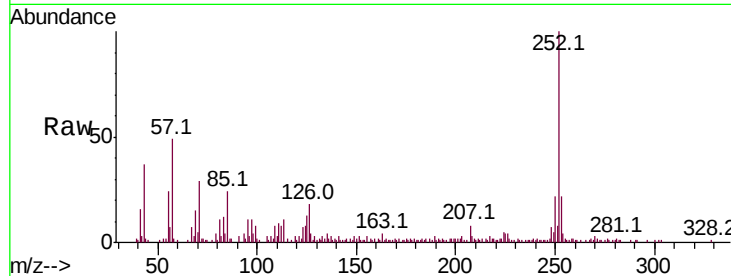
#89
Benzo(k)fluoranthene
Concen: 3.301 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	13.3	7.4	11.0

Manual Integrations
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Sohil
11/13/2018 2:22:55 PM

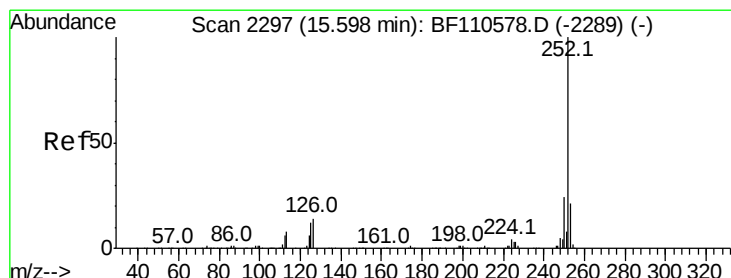
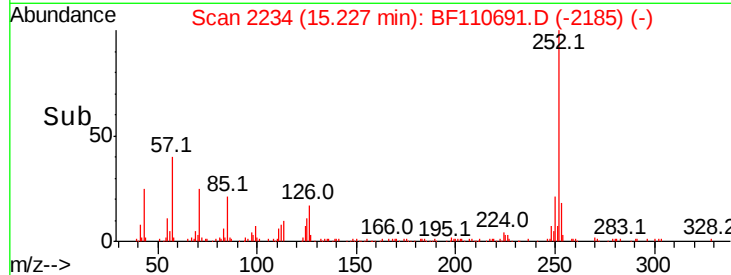
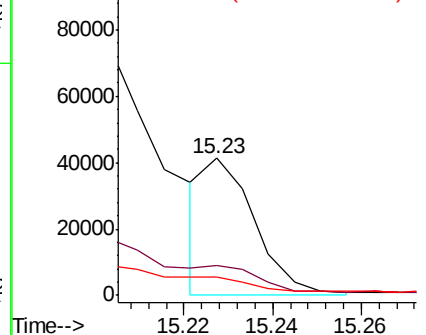


Abundance

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



#90
Benzo(a)pyrene
Concen: 8.759 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

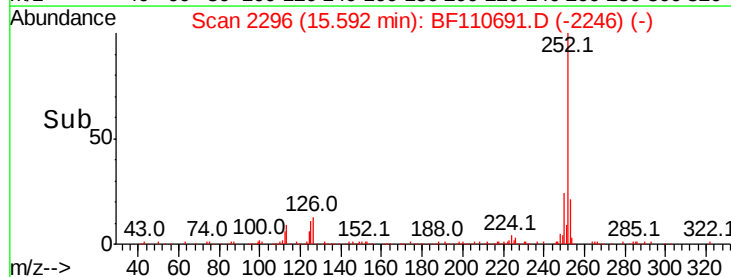
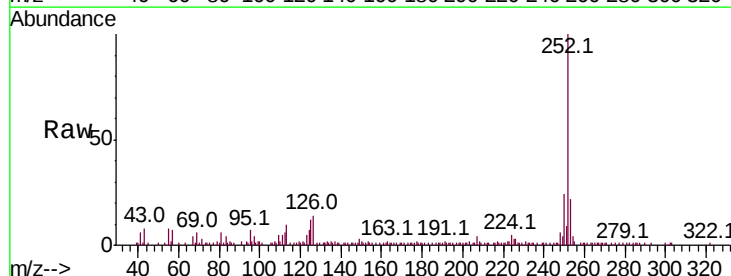
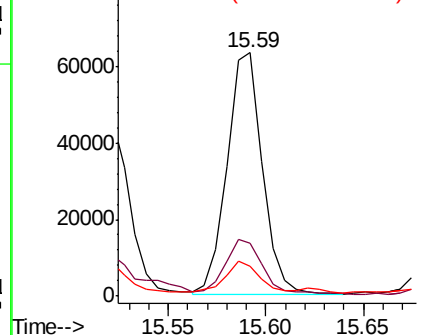
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.5	9.0	13.6

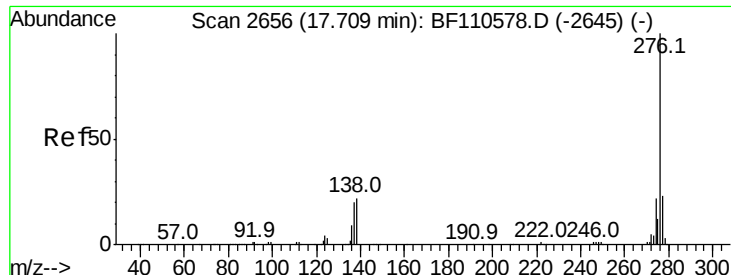
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 5.341 ng
 RT: 17.70 min Scan# 2654
 Delta R.T. -0.01 min
 Lab File: BF110691.D
 Acq: 12 Nov 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	25.6	16.0	24.0

Manual Integrations
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 11/13/2018 2:22:55 PM

