

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110624.D
 Acq On : 9 Nov 2018 13:41
 Operator : JU/SJ
 Sample : J5813-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-J

Manual Integrations
 APPROVED

Sohil
 11/12/2018 10:30:01 AM

Quant Time: Nov 09 16:07:02 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	75220	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	291494	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	115185	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	183365	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146747	20.00	ng	-0.01
87) Perylene-d12	15.66	264	103337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	402905	87.00	ng	0.00
7) Phenol-d6	6.57	99	509307	86.01	ng	0.00
23) Nitrobenzene-d5	7.51	82	311927	61.63	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	73807	63.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	514560	63.80	ng	0.00
79) Terphenyl-d14	13.06	244	377279	48.15	ng	0.00
Target Compounds						
10) Phenol	6.58	94	32350	4.711	ng	Qvalue # 66
50) Dimethylphthalate	9.69	163	73515	8.553	ng	99
71) Phenanthrene	11.50	178	29762	3.030	ng	99
75) Fluoranthene	12.70	202	66728	6.775	ng	96
78) Pyrene	12.93	202	52769	4.670	ng	97
81) Benzo(a)anthracene	14.12	228	19399	2.212	ng	95
83) Chrysene	14.16	228	25421	3.042	ng	98
88) Benzo(b)fluoranthene	15.20	252	26261m	4.248	ng	
90) Benzo(a)pyrene	15.59	252	15225	2.711	ng	# 82
92) Benzo(g,h,i)perylene	17.71	276	10338	2.192	ng	# 87

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

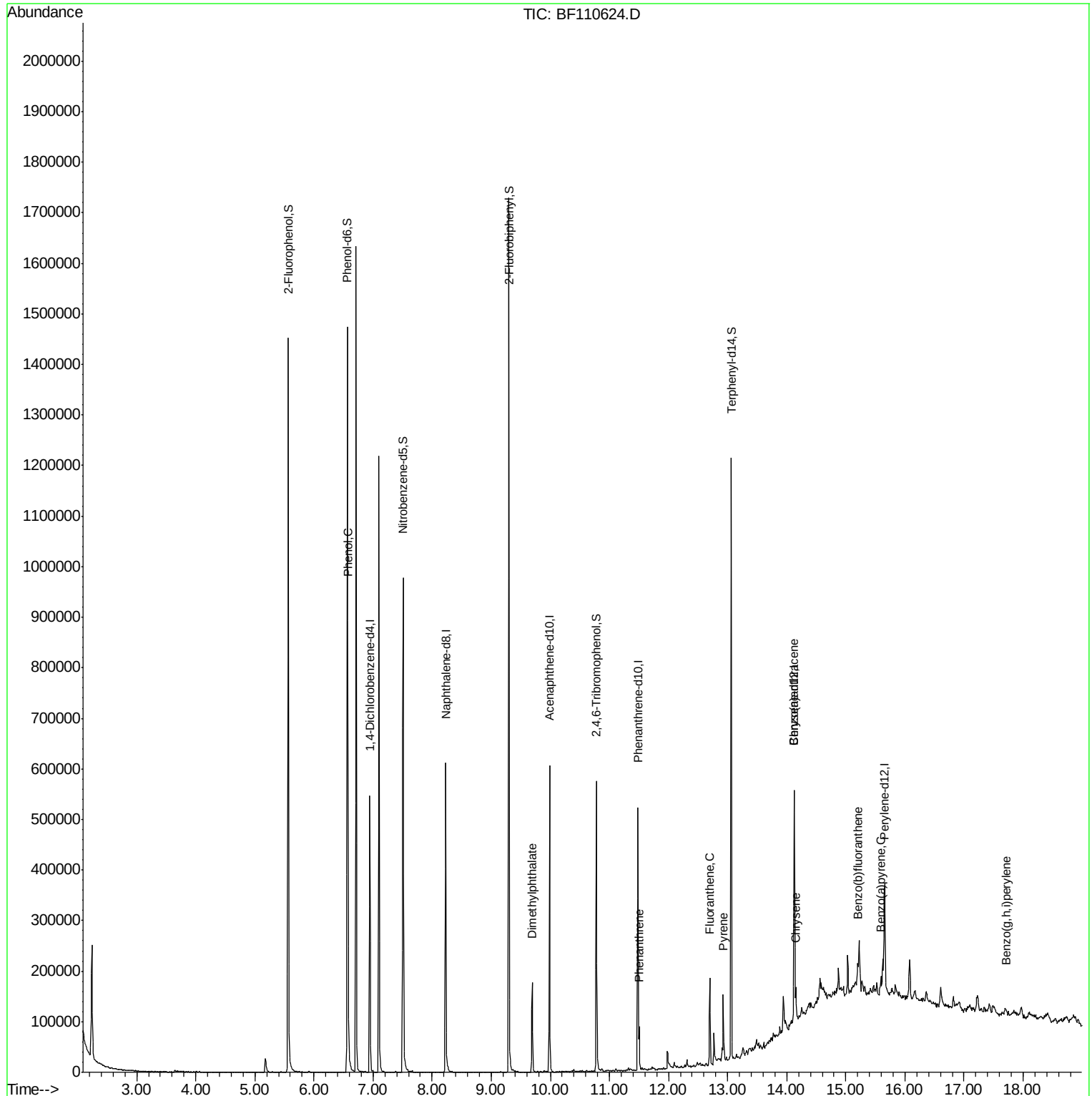
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110624.D
Acq On : 9 Nov 2018 13:41
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

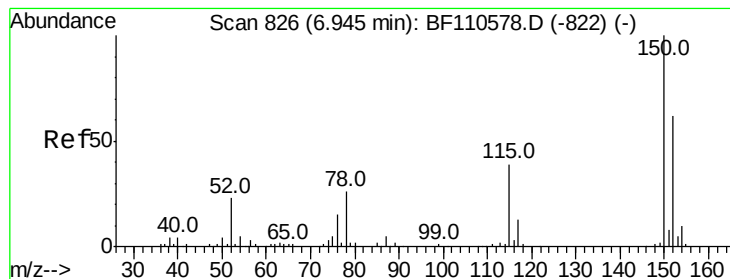
Instrument :
BNA_F
ClientSampleId :
TS-J

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Quant Time: Nov 09 16:07:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

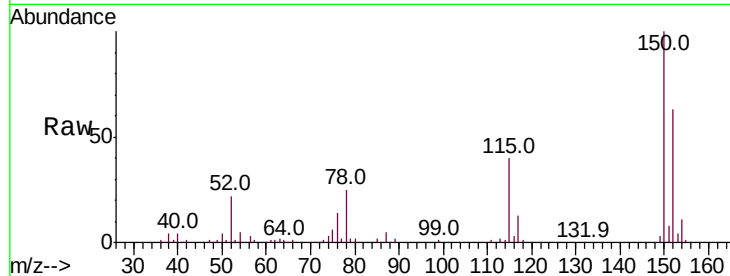
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	63.4	49.1	73.7

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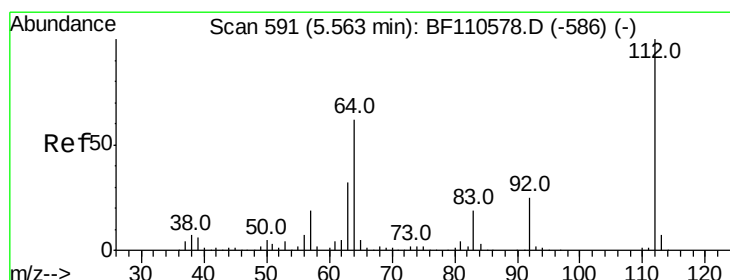
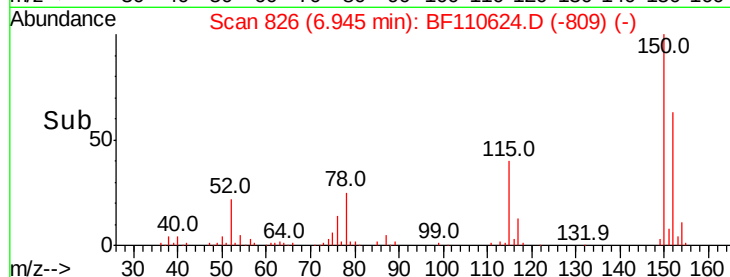
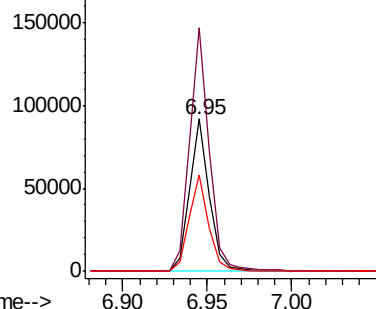


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

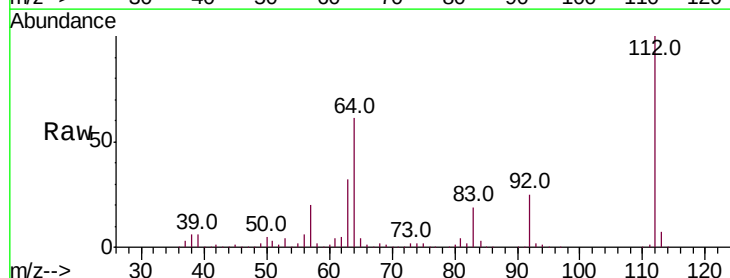
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.004 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	32.1	23.7	35.5

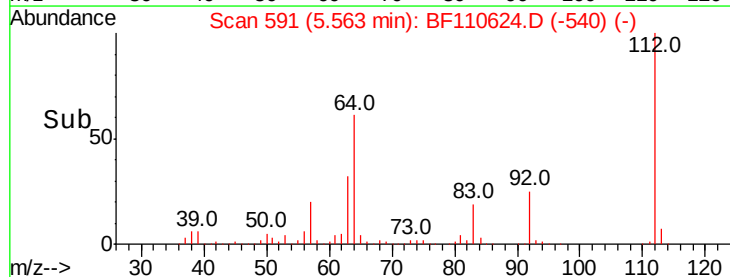
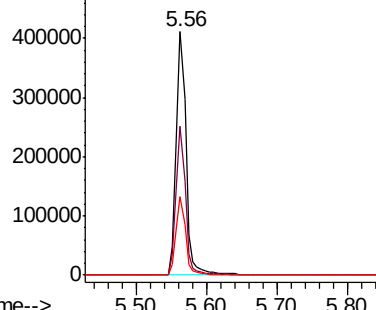


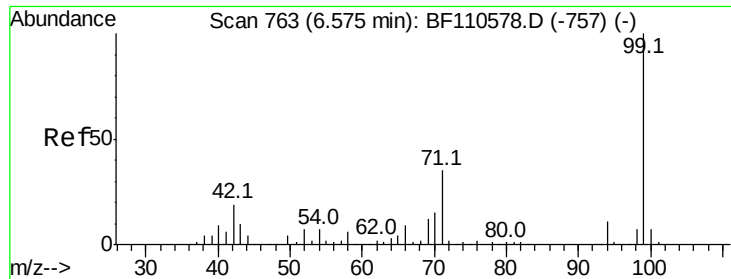
Abundance

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: 86.006 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110624.D

Acq: 9 Nov 2018 13:41

Instrument :

BNA_F

ClientSampled :

TS-J

Tot Ion: 99 Resp: 509307
Ion Ratio Lower Upper

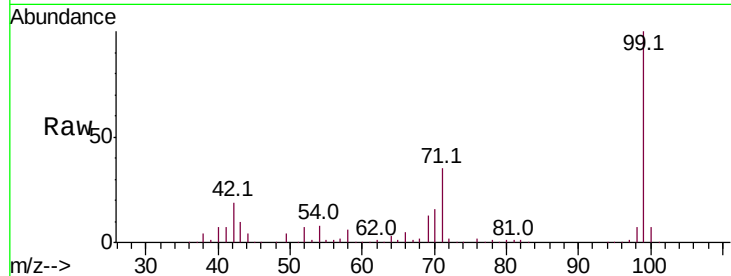
99 100

42 19.2 15.8 23.6

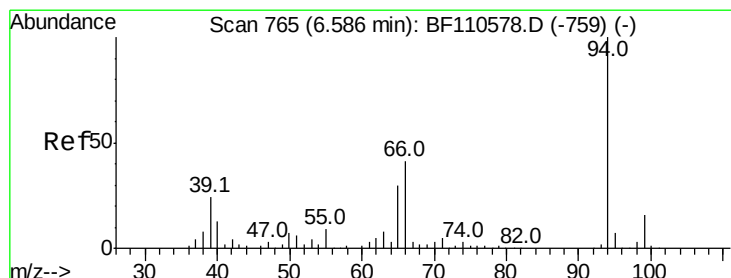
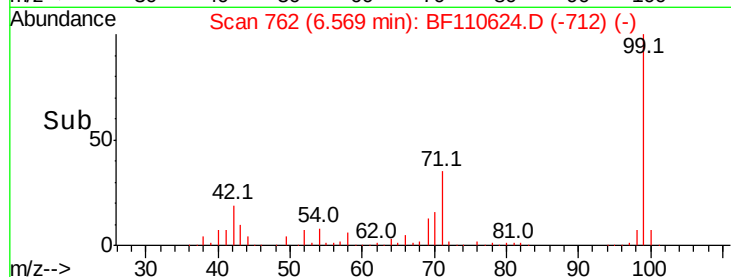
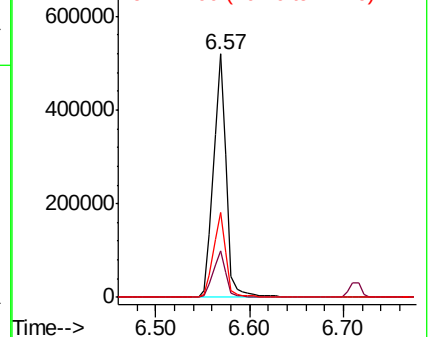
71 34.8 28.0 42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.711 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110624.D

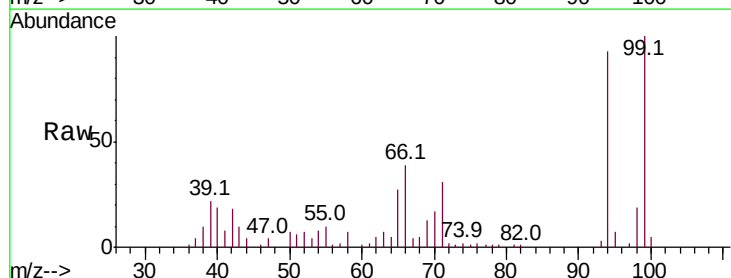
Acq: 9 Nov 2018 13:41

Tgt Ion: 94 Resp: 32350
Ion Ratio Lower Upper

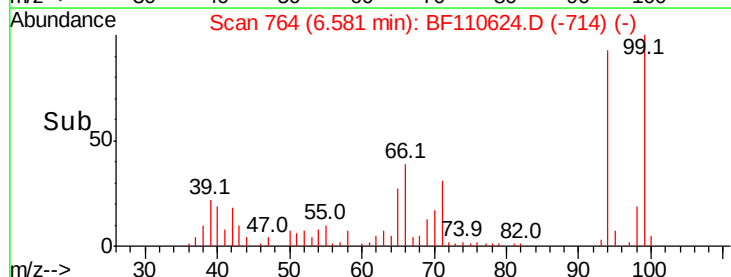
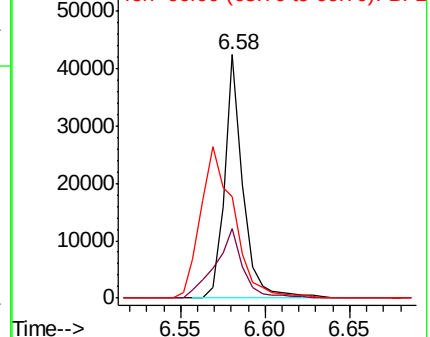
94 100

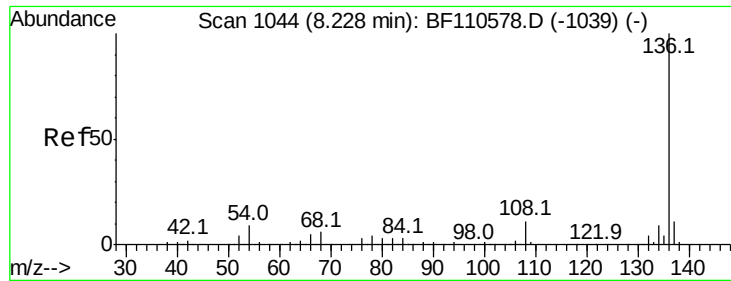
65 28.5 25.3 65.3

66 41.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





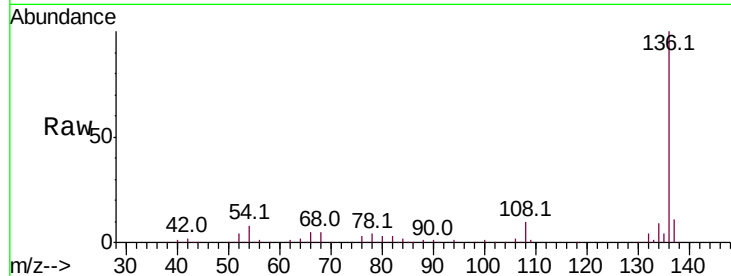
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
TS-J

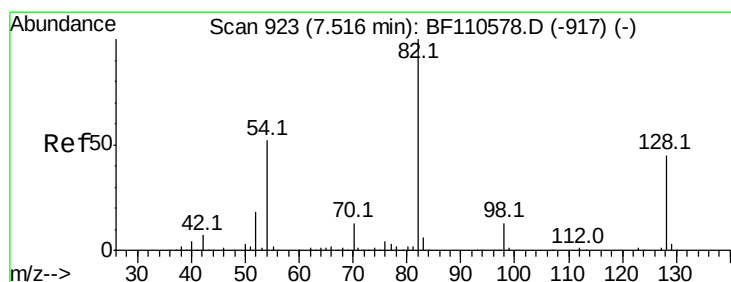
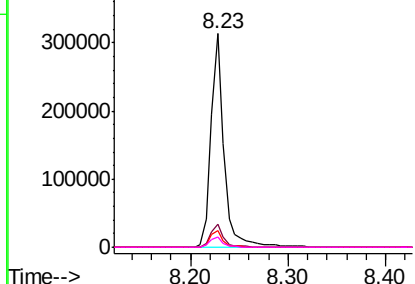
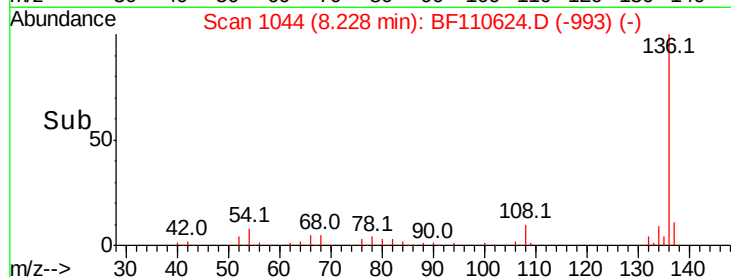
Tot Ion	Ratio	Resp	Lower	Upper
136	100	291494		
137	10.7		8.8	13.2
54	7.8		5.4	8.2
68	4.9		4.2	6.2

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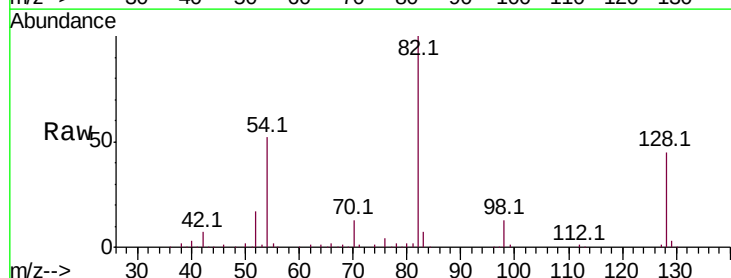


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

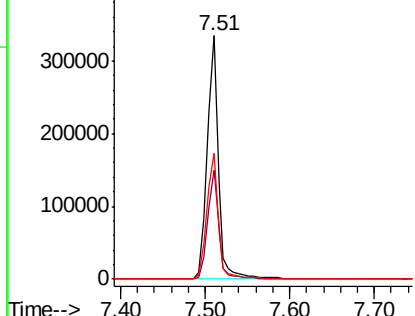
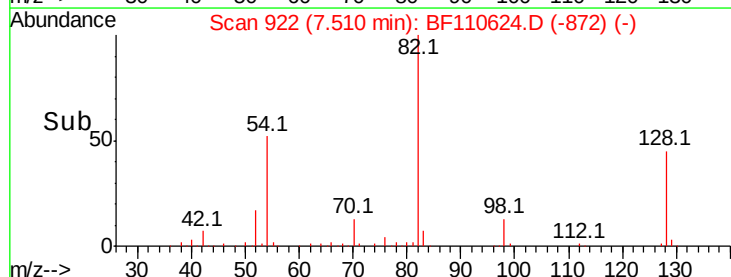


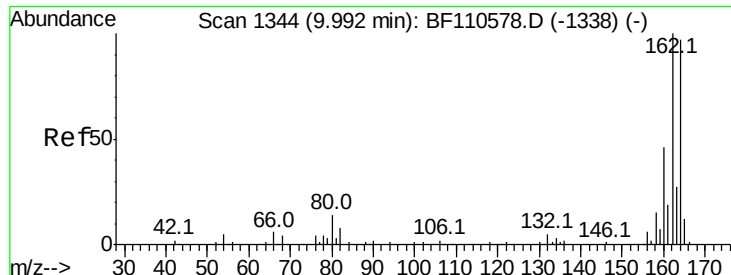
#23
Nitrobenzene-d5
Concen: 61.626 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	311927		
128	45.1		34.2	51.2
54	51.9		38.6	58.0



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





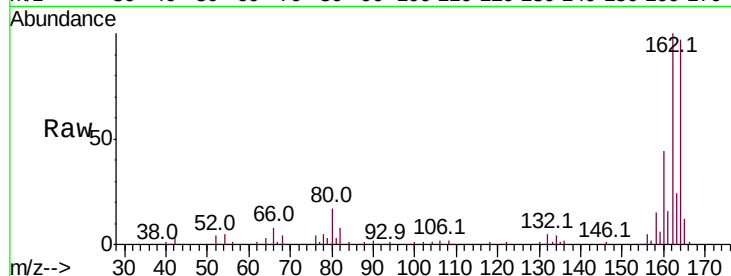
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
TS-J

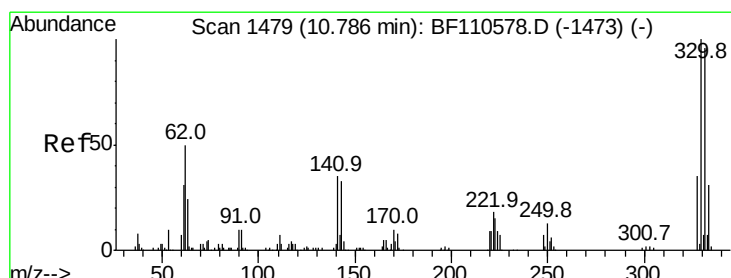
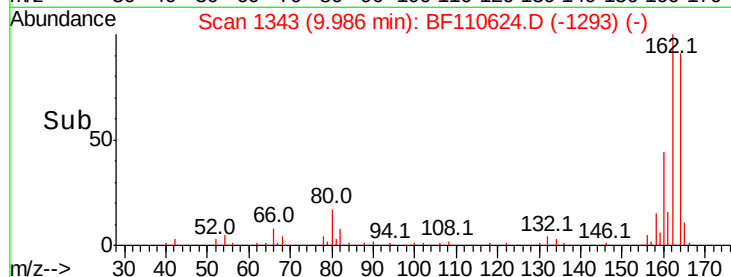
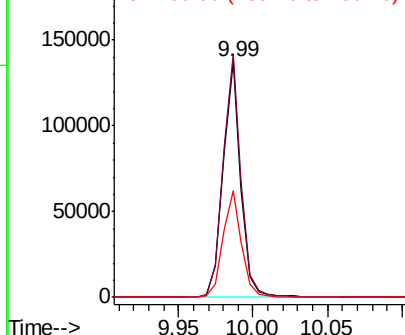
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	83.0	124.6	
160	45.0	37.0	55.6	

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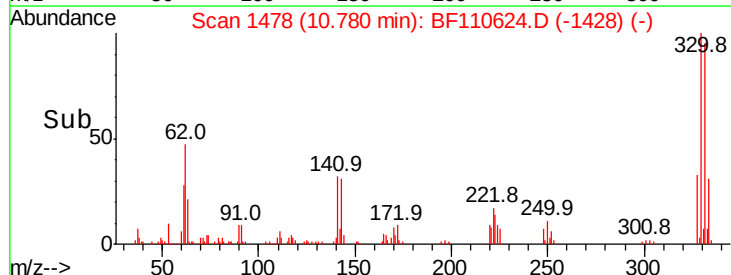
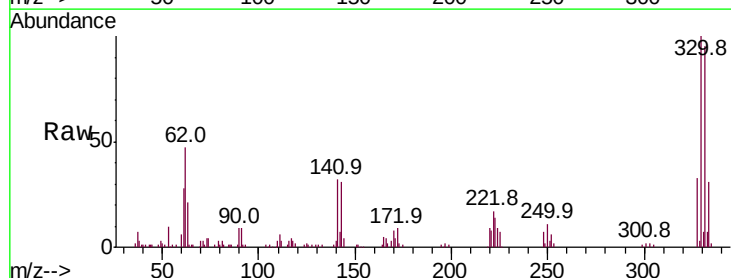
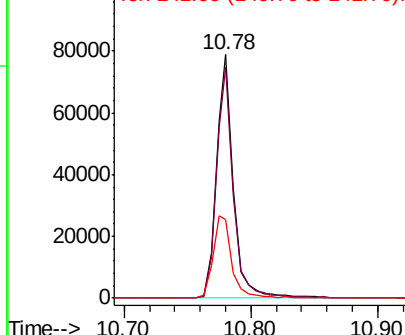
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

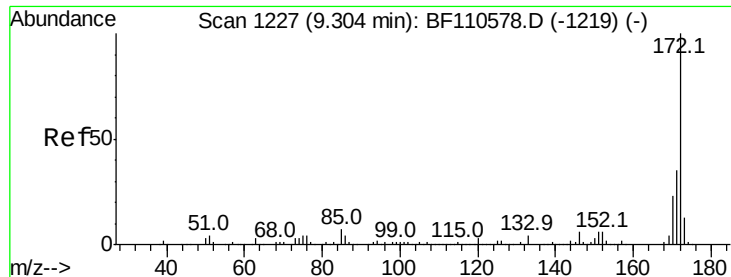


#42
2,4,6-Tribromophenol
Concen: 63.592 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.1	115.7	
141	37.6	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





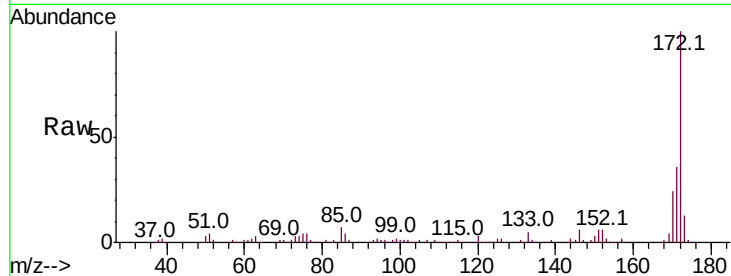
#45
2-Fluorobiphenyl
Concen: 63.800 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	514560		
171	36.0		28.6	43.0
170	23.8		19.7	29.5

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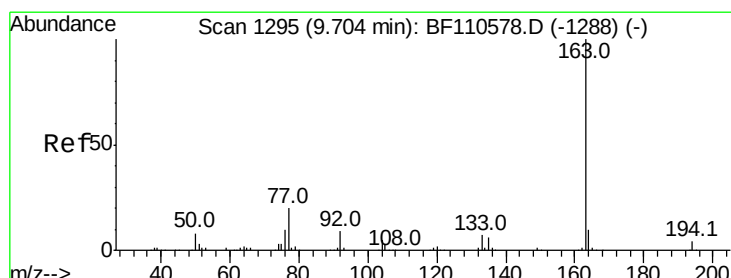
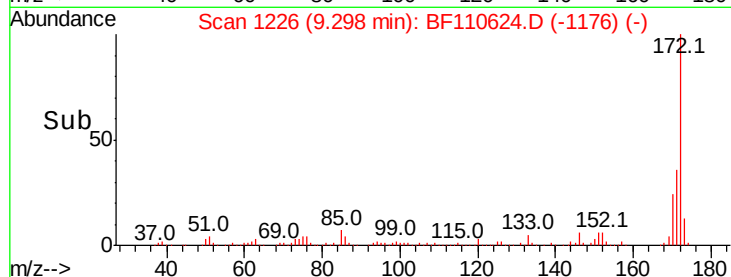
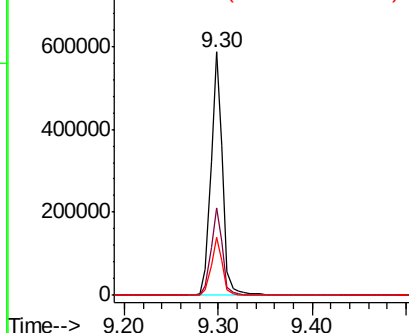


Abundance

Ion 172.00 (171.70 to 172.70): E

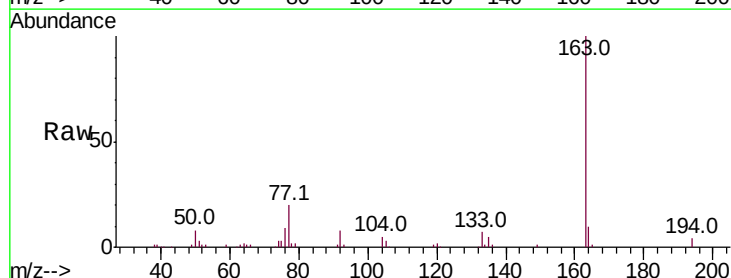
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.553 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73515		
194	3.8		3.2	4.8
164	9.7		8.1	12.1

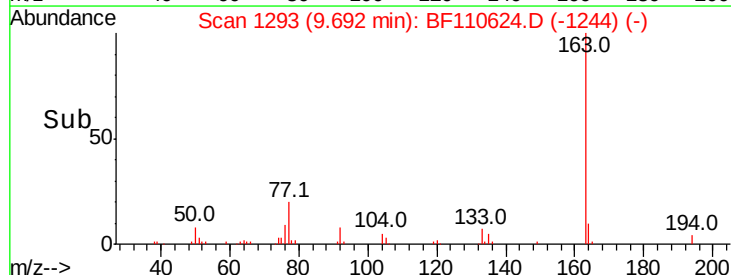
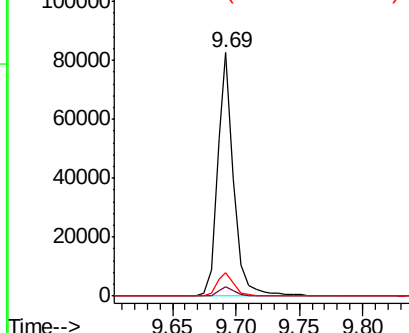


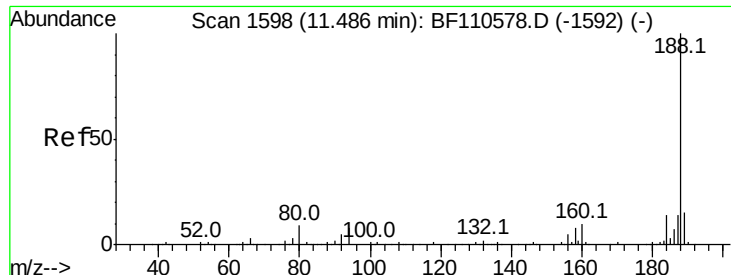
Abundance

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





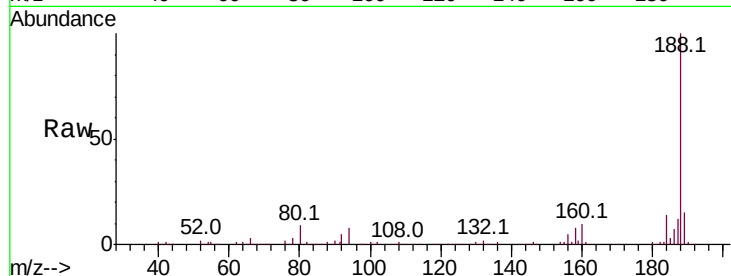
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
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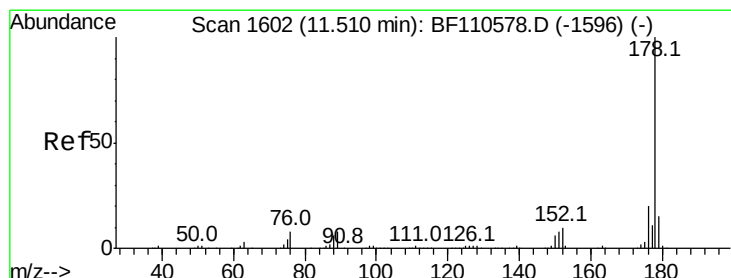
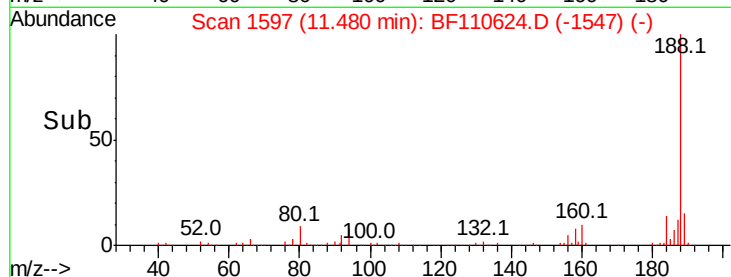
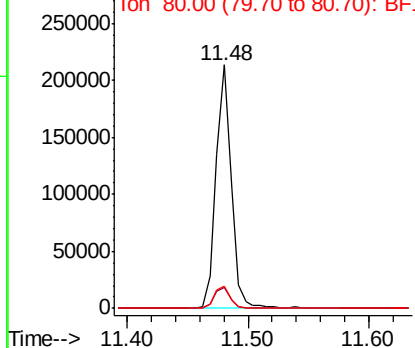
Tot Ion	Ratio	Resp	Lower	Upper
188	100	183365		
94	8.4	7.2	10.8	
80	9.2	7.9	11.9	

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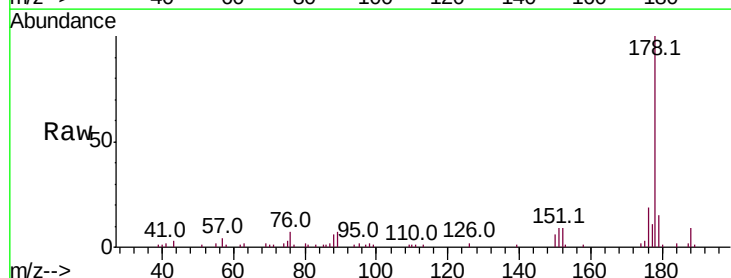


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

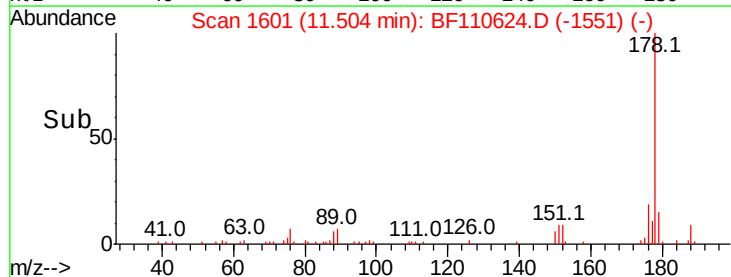
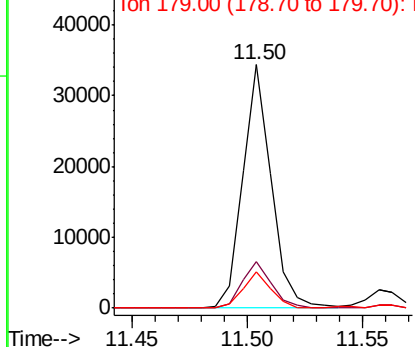


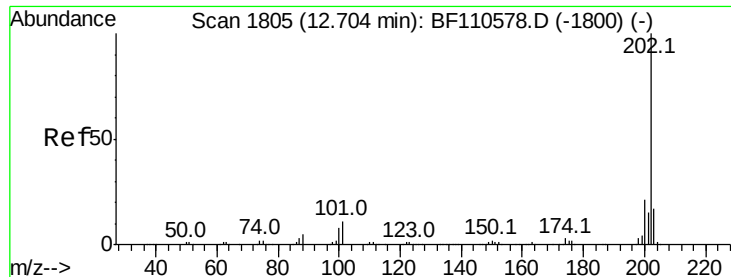
#71
Phenanthrene
Concen: 3.030 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	29762		
176	19.2	15.5	23.3	
179	14.8	12.5	18.7	



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





#75

Fluoranthene

Concen: 6.775 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110624.D

Acq: 9 Nov 2018 13:41

Instrument :

BNA_F

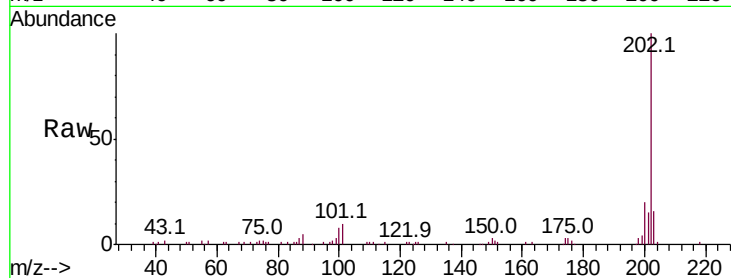
ClientSampled :

TS-J

Tot Ion:	202	Resp:	66728
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	31.4
203	16.0	0.0	37.7

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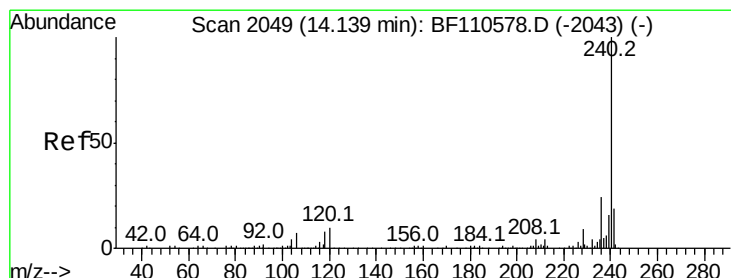
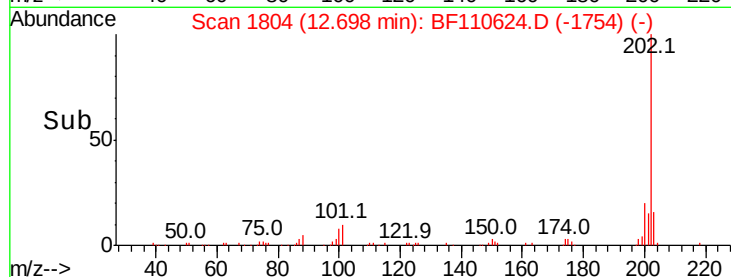
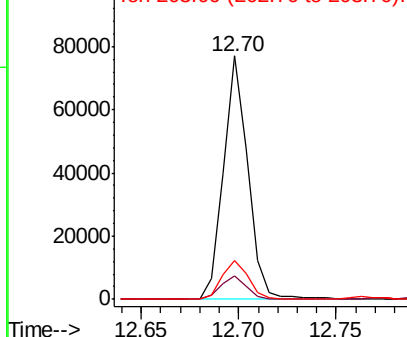


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

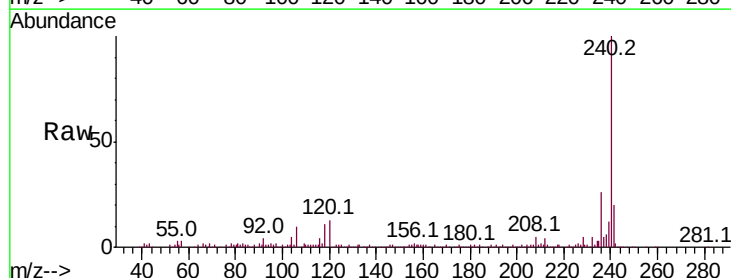
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110624.D

Acq: 9 Nov 2018 13:41

Tgt Ion:	240	Resp:	146747
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.3	12.5#
236	26.5	21.2	31.8

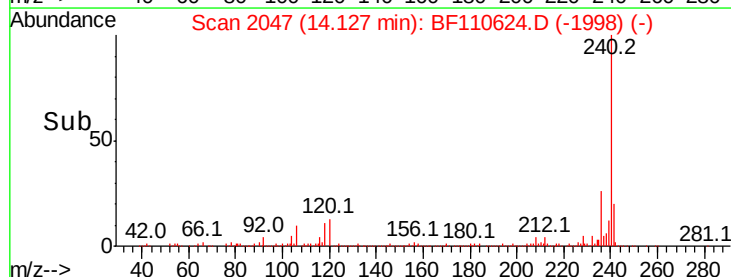
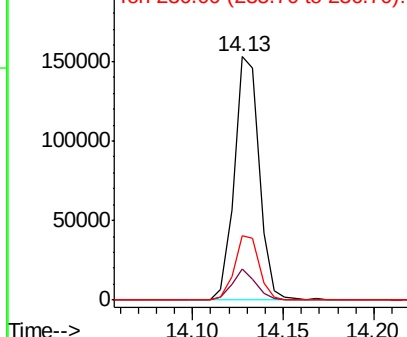


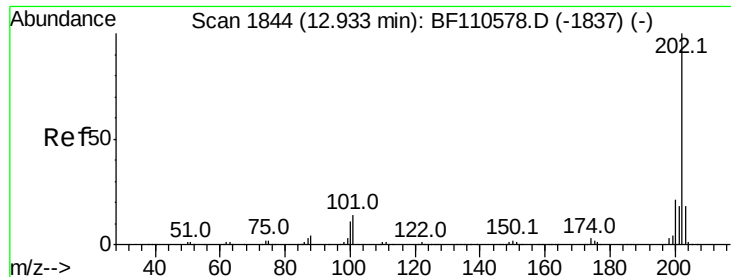
Abundance

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





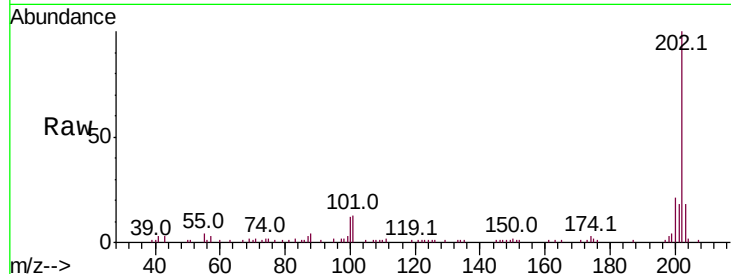
#78
Pvrene
Concen: 4.670 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.8	26.6
203	18.4	14.2	21.4

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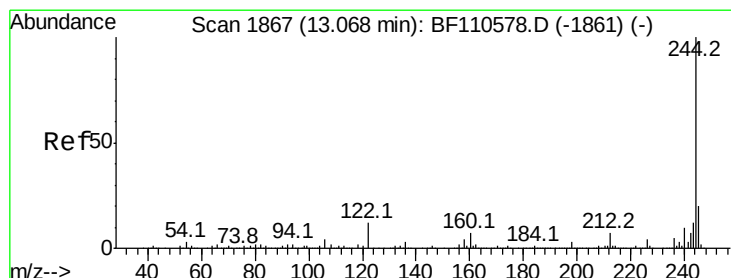
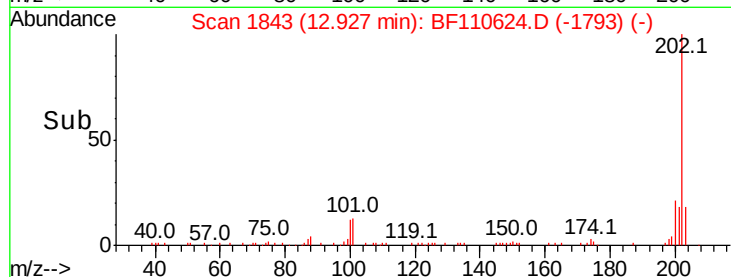
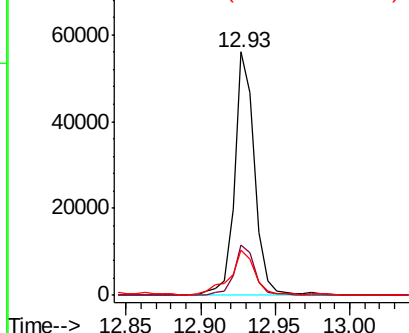


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 48.148 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

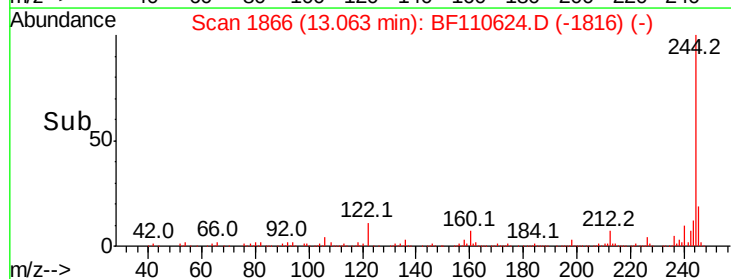
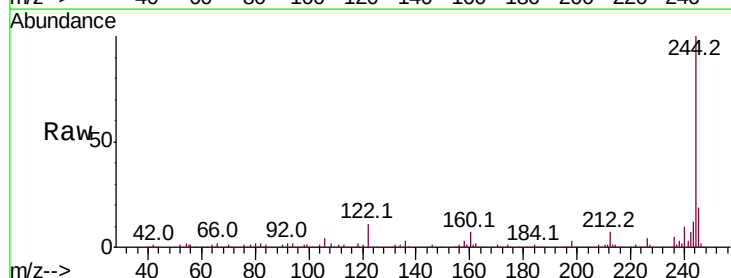
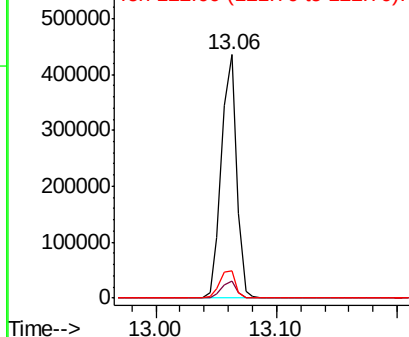
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	8.7	13.1

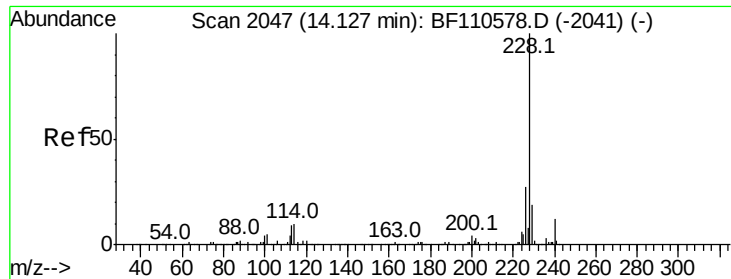
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





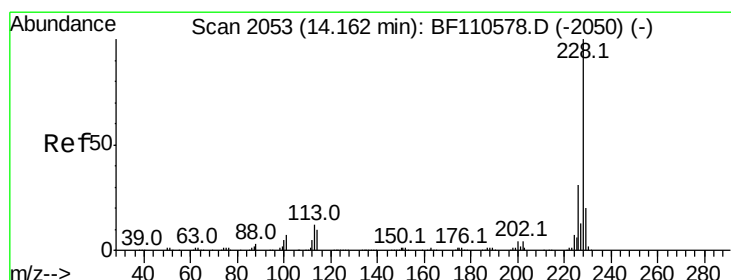
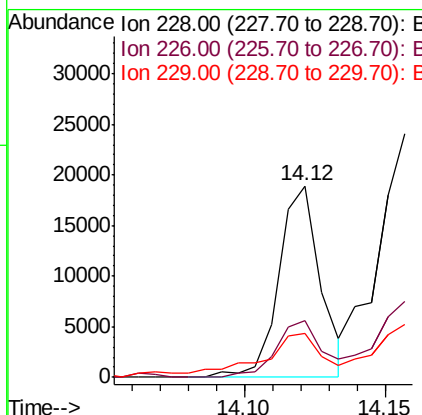
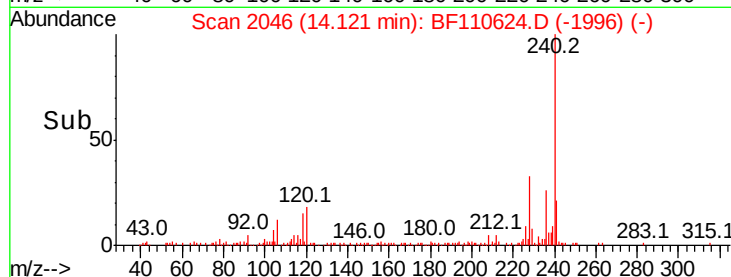
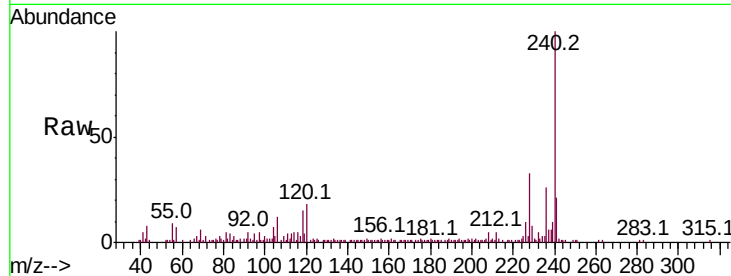
#81
Benzo(a)anthracene
Concen: 2.212 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion:	228	Resp:	19399
Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	23.1	15.6	23.4

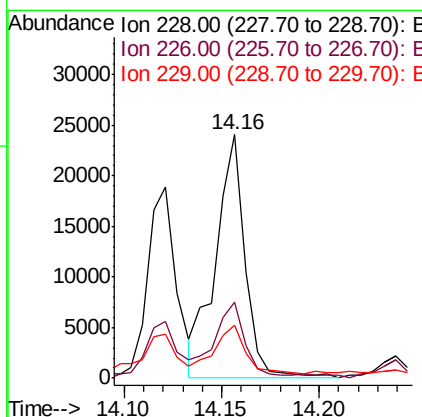
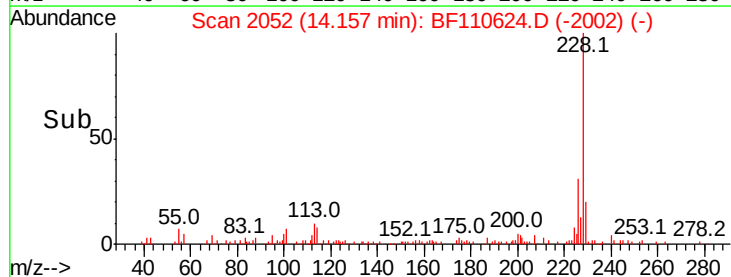
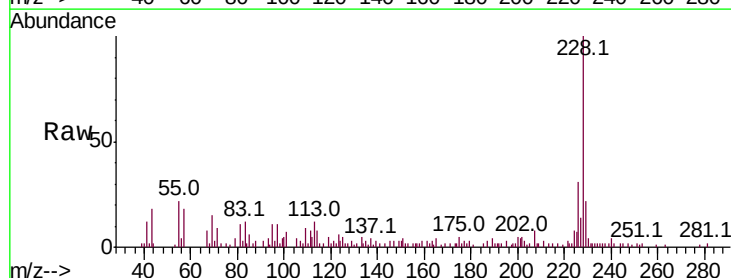
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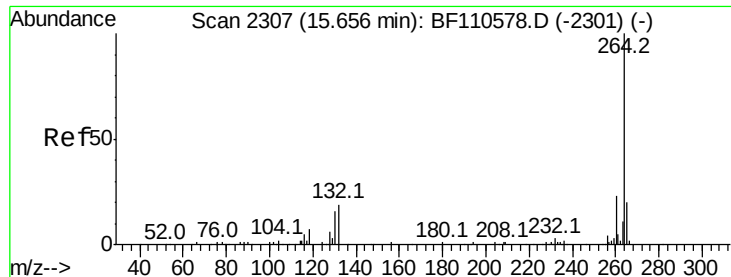
Sohil
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#83
Chrysene
Concen: 3.042 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion:	228	Resp:	25421
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	21.7	15.9	23.9





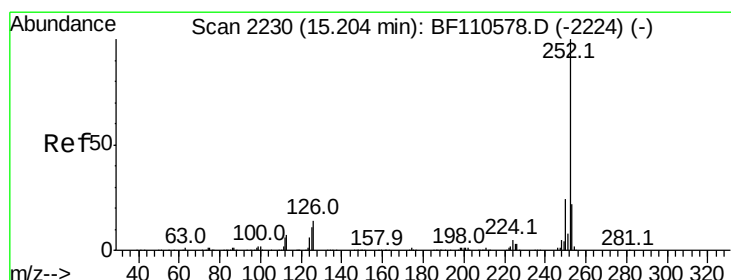
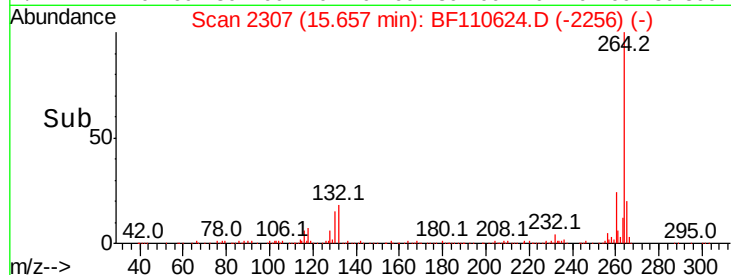
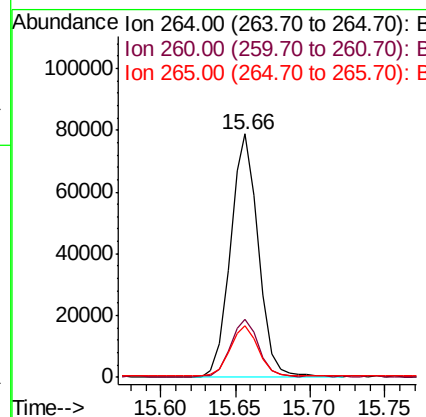
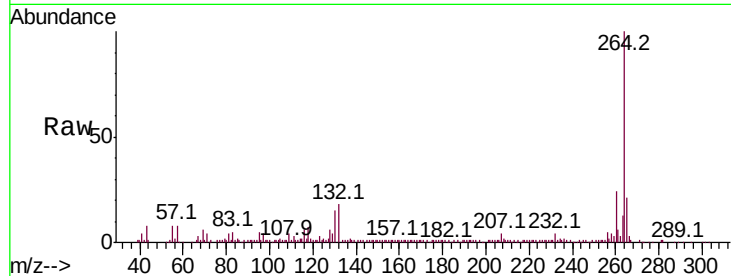
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.2	16.7	25.1

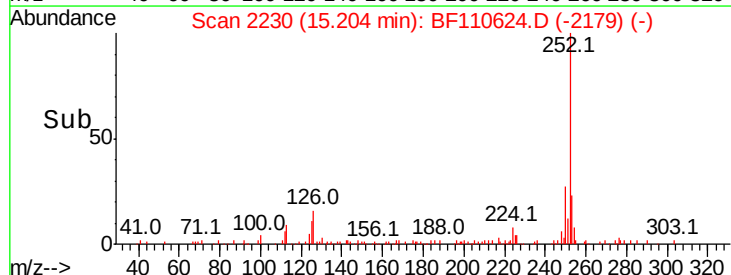
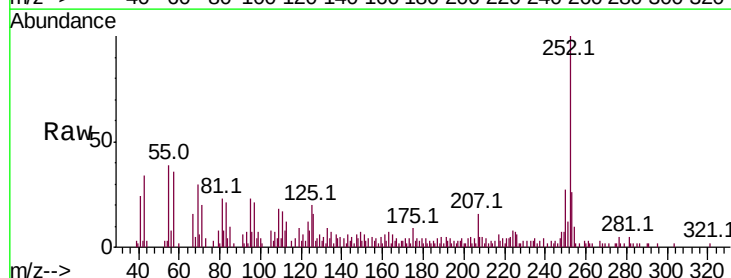
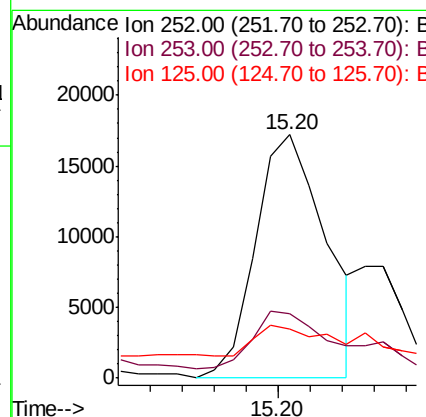
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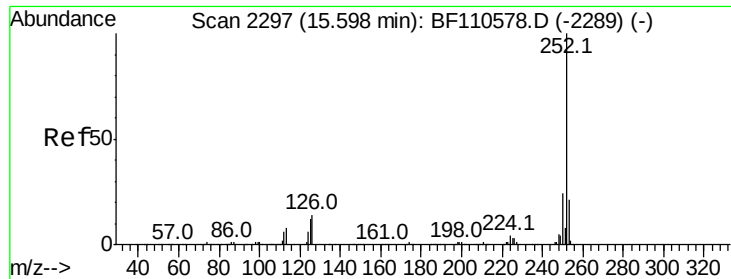
Sohil
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#88
Benzo(b)fluoranthene
Concen: 4.248 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	20.1	8.2	12.4#





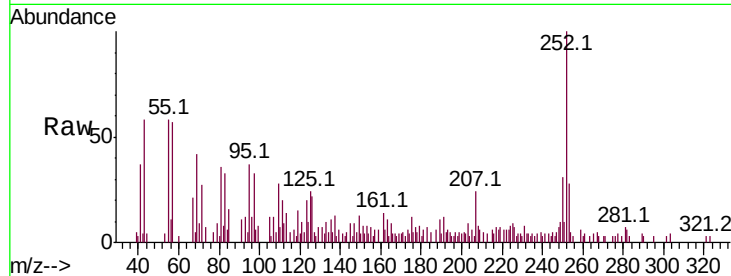
#90
Benzo(a)pyrene
Concen: 2.711 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.4#
125	23.8	9.0	13.6#

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Sohil
11/12/2018 10:30:01 AM

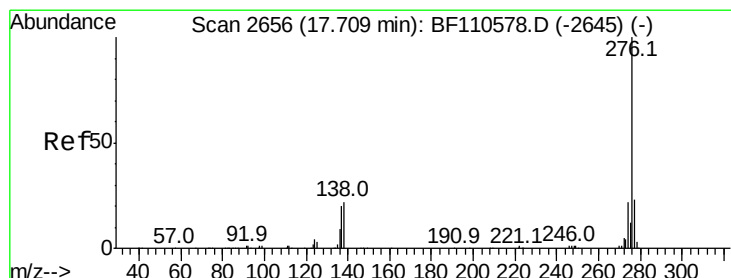
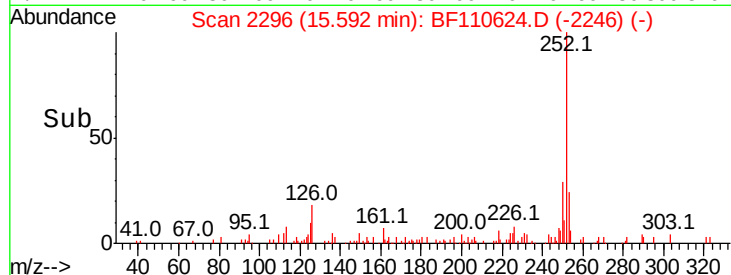
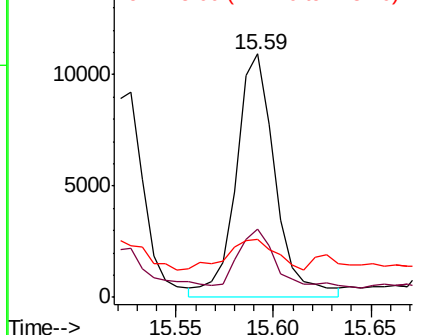


Abundance

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(g,h,i)perylene
Concen: 2.192 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110624.D
Acq: 9 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	18.8	28.2#
138	24.9	16.0	24.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

