

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110568.D
 Acq On : 7 Nov 2018 21:01
 Operator : JU/SJ
 Sample : J5813-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-I

Manual Integrations
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 11/9/2018 1:35:18 PM

Quant Time: Nov 09 10:47:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75909	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	278176	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	106618	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	187550	20.00	ng	0.00
76) Chrysene-d12	14.14	240	181960	20.00	ng	0.00
87) Perylene-d12	15.67	264	119922	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	498335	106.91	ng	0.00
7) Phenol-d6	6.58	99	603644	101.24	ng	0.00
23) Nitrobenzene-d5	7.52	82	371926	79.30	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	103859	98.34	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	591910	87.18	ng	0.00
79) Terphenyl-d14	13.07	244	507166	57.97	ng	0.00
Target Compounds						
10) Phenol	6.59	94	38823	6.092	ng	Qvalue # 77
50) Dimethylphthalate	9.70	163	79785	10.138	ng	98
71) Phenanthrene	11.51	178	48990	4.992	ng	98
75) Fluoranthene	12.70	202	129823	13.035	ng	99
78) Pyrene	12.94	202	105999	8.126	ng	97
81) Benzo(a)anthracene	14.13	228	44671	4.140	ng	97
83) Chrysene	14.16	228	56396	5.503	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	20006	2.353	ng	98
88) Benzo(b)fluoranthene	15.21	252	59766m	8.630	ng	
89) Benzo(k)fluoranthene	15.24	252	16752m	2.461	ng	
90) Benzo(a)pyrene	15.60	252	29227	4.587	ng	# 94
92) Benzo(a,h,i)perylene	17.73	276	19403	3.581	ng	93

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

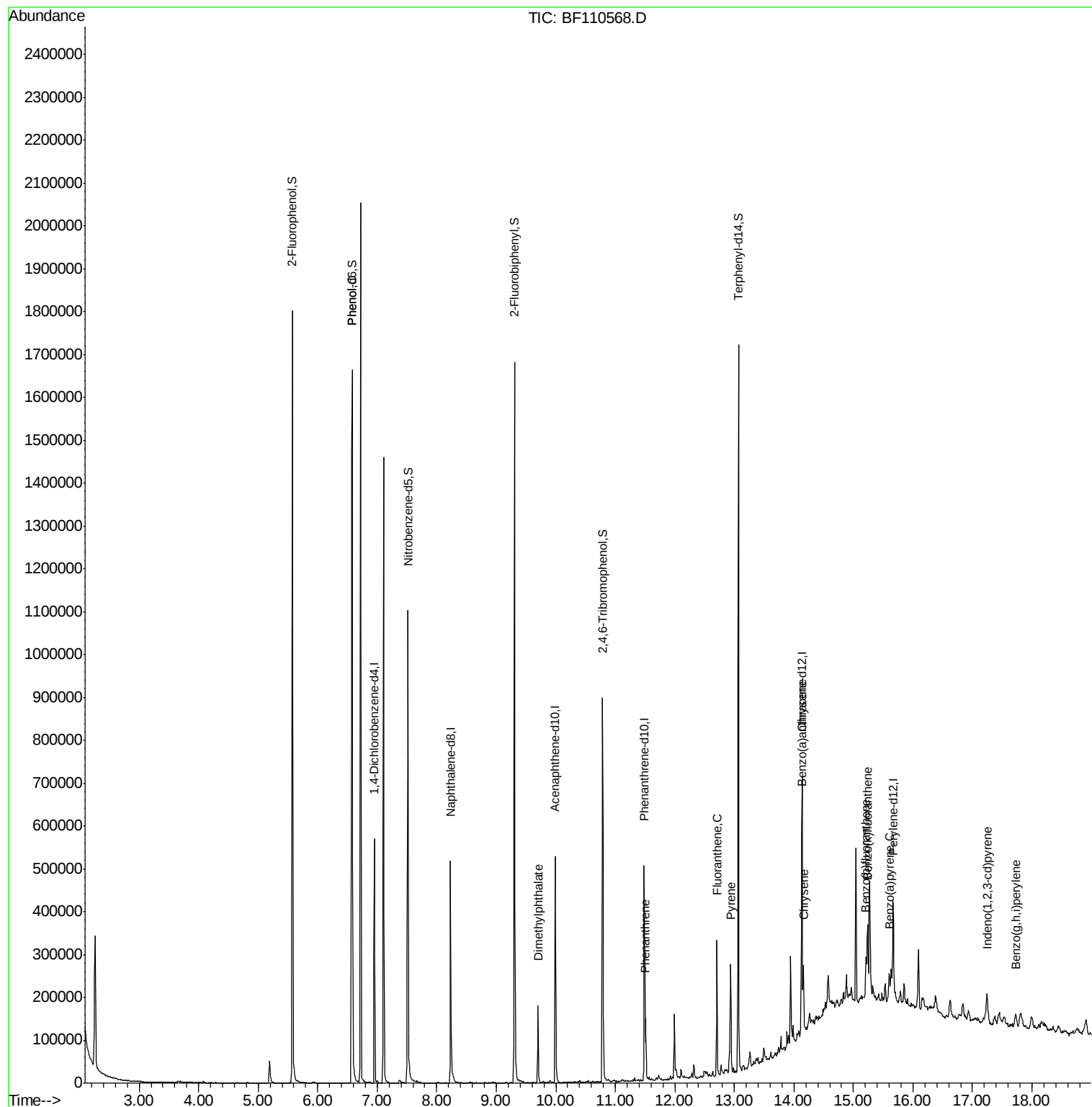
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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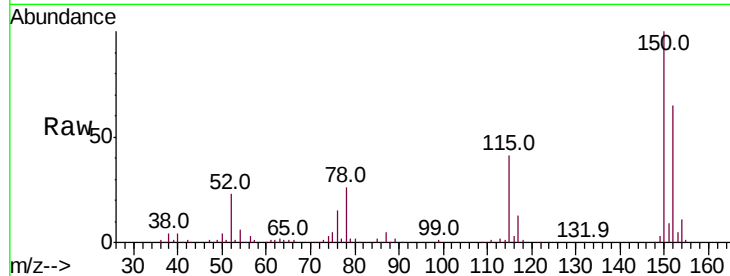
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110568.D
 Acq: 7 Nov 2018 21:01

Instrument :
 BNA_F
 ClientSampled :
 TS-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	62.9	49.1	73.7

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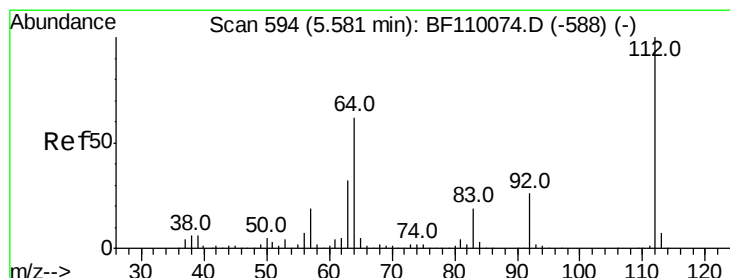
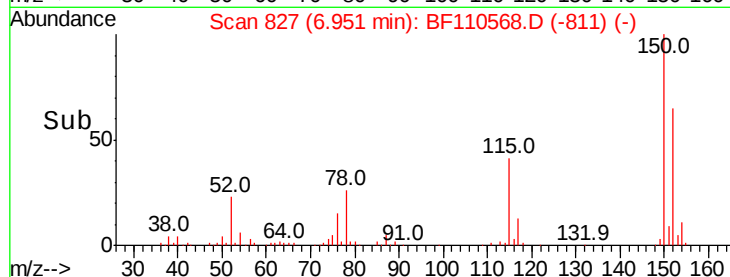
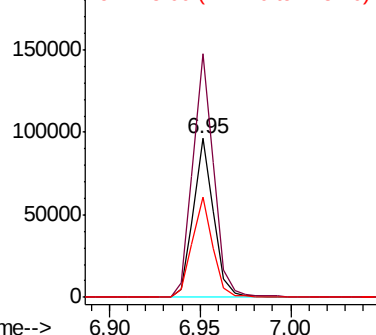


Abundance

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: 106.906 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110568.D
 Acq: 7 Nov 2018 21:01

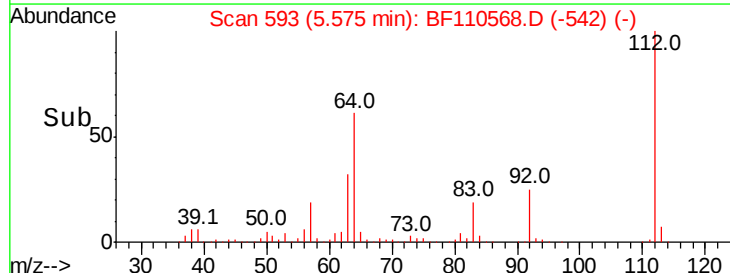
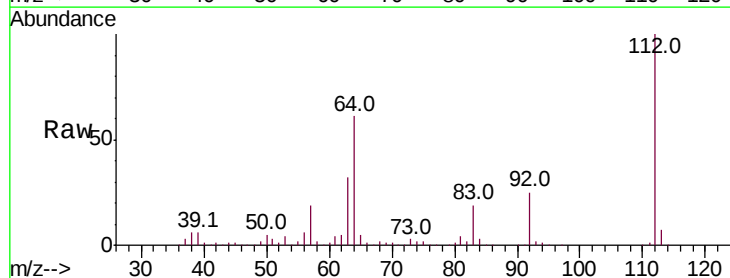
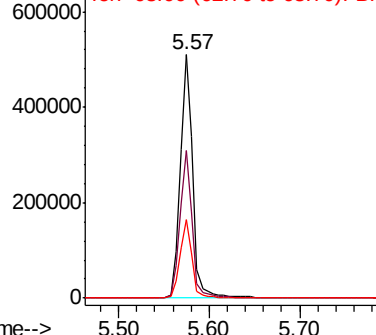
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	32.4	23.7	35.5

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: 101.243 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110568.D

Acq: 7 Nov 2018 21:01

Instrument :

BNA_F

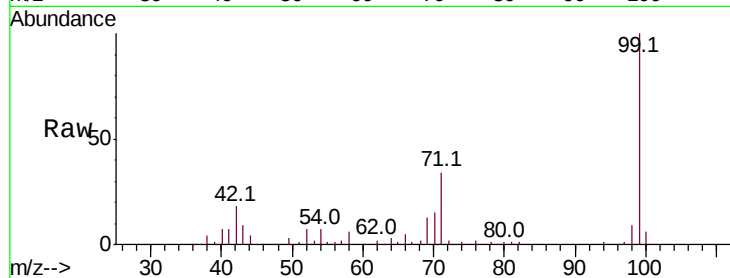
ClientSampled :

TS-I

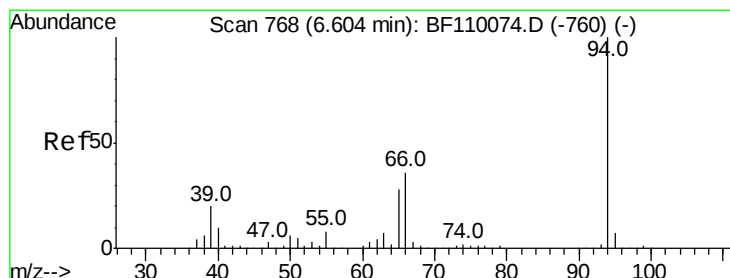
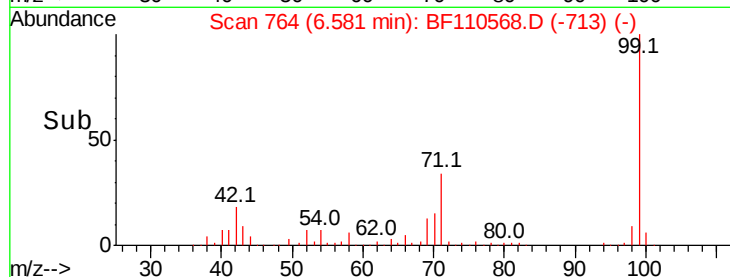
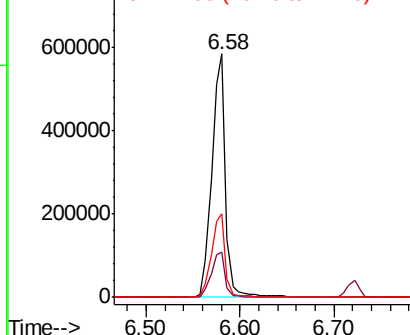
Tot Ion:	99	Resp:	603644
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.8	23.6
71	34.1	28.0	42.0

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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: 6.092 ng

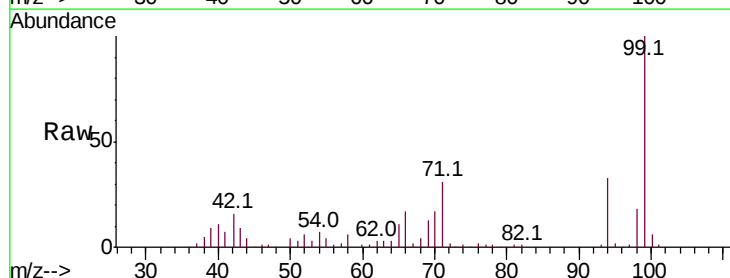
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

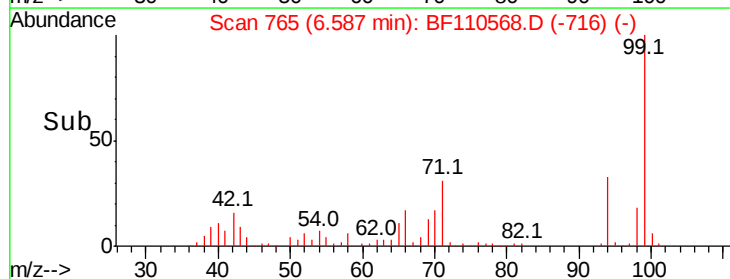
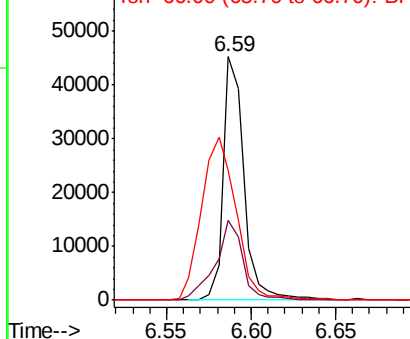
Lab File: BF110568.D

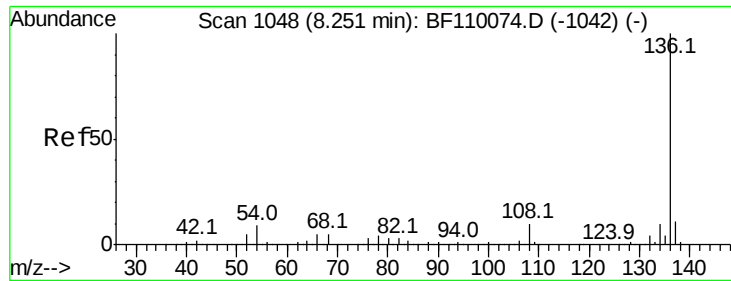
Acq: 7 Nov 2018 21:01

Tgt Ion:	94	Resp:	38823
Ion Ratio	Lower	Upper	
94	100		
65	32.6	25.3	65.3
66	53.4	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





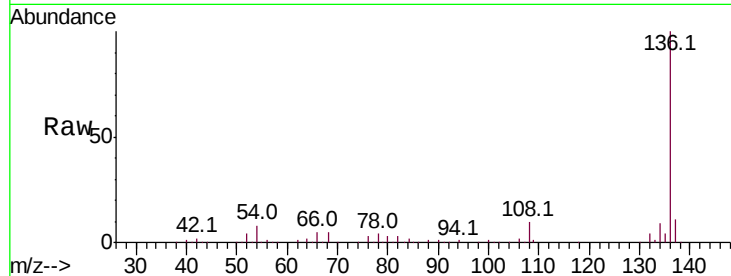
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TS-I

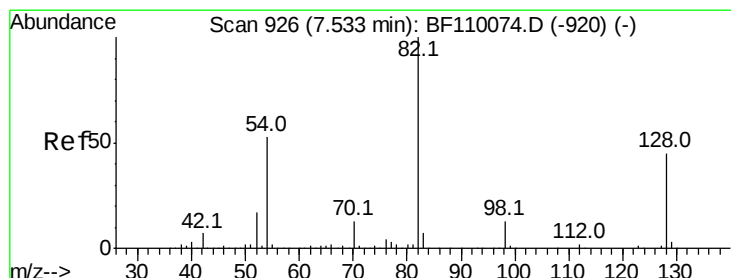
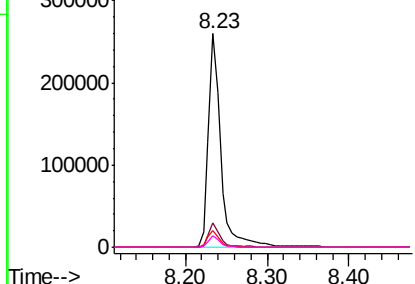
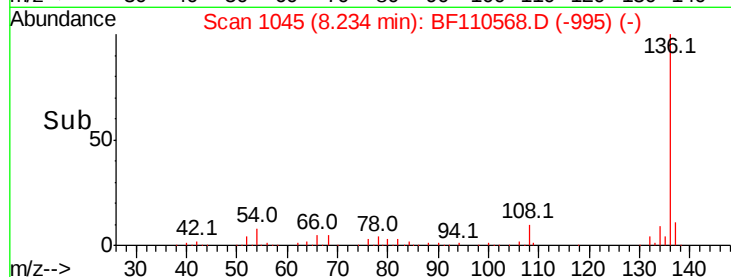
Tot Ion	Ratio	Resp	Lower	Upper
136	100	278176		
137	11.4		8.8	13.2
54	8.1		5.4	8.2
68	5.4		4.2	6.2

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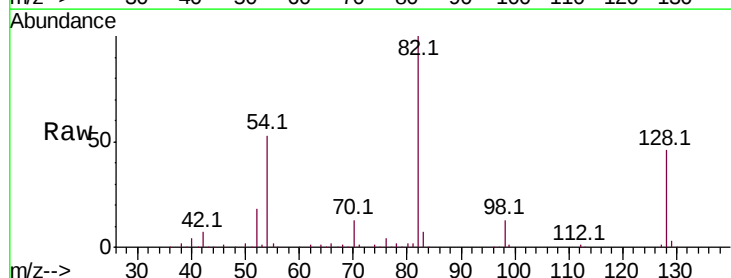


Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

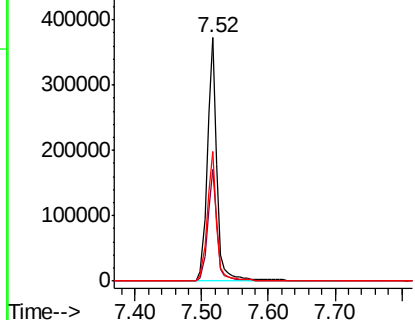
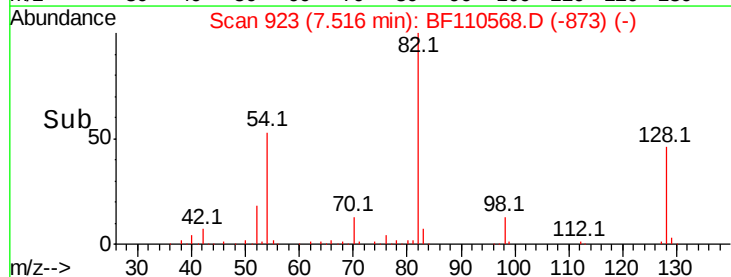


#23
Nitrobenzene-d5
Concen: 79.303 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	371926		
128	46.1		34.2	51.2
54	53.2		38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





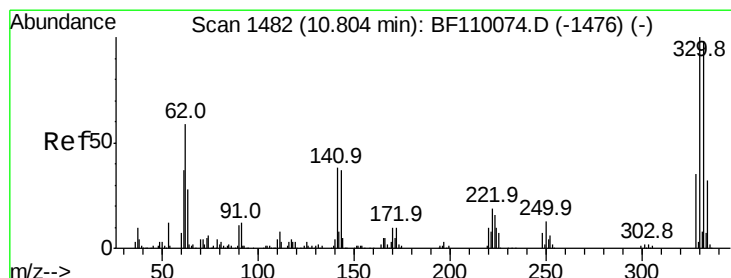
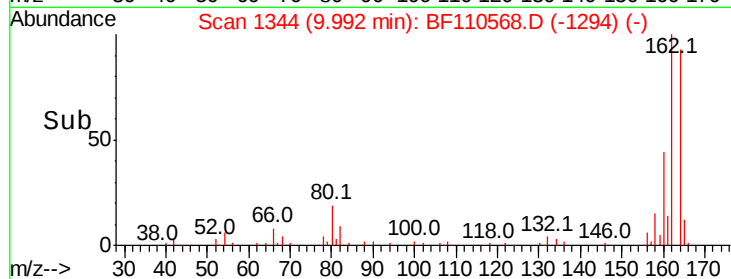
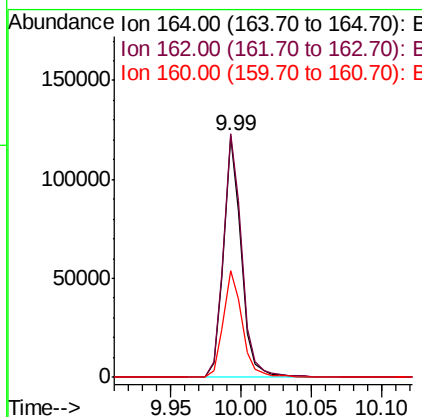
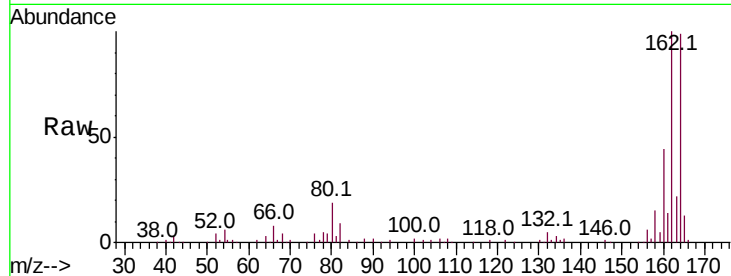
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TS-I

Tot Ion	Ratio	Resp	Lower	Upper
164	100	106618		
162	100.9	83.0	124.6	
160	44.4	37.0	55.6	

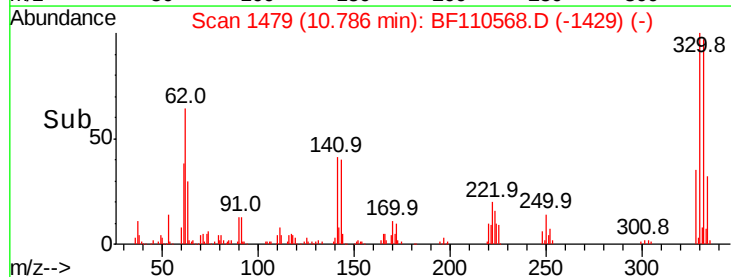
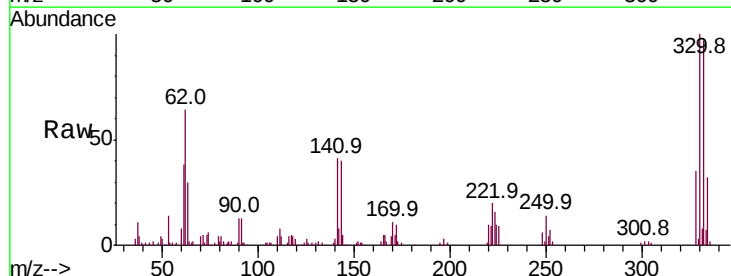
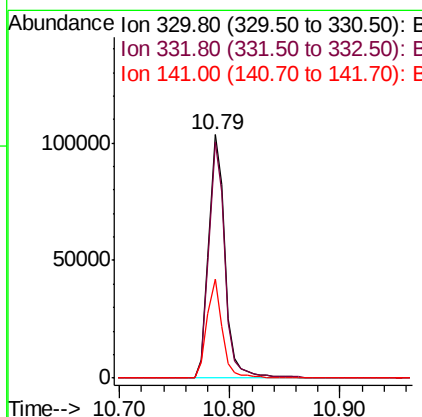
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#42
2,4,6-Tribromophenol
Concen: 98.340 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103859		
332	96.0	77.1	115.7	
141	38.0	27.0	40.4	





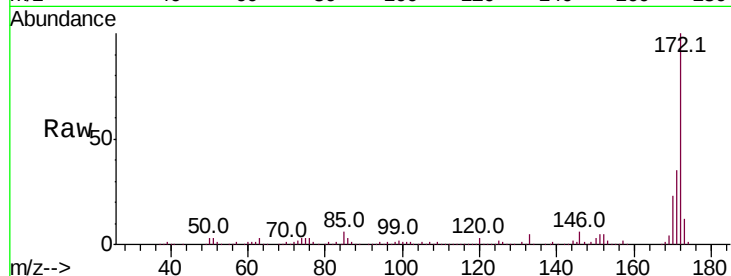
#45
 2-Fluorobiphenyl
 Concen: 87.176 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110568.D
 Acq: 7 Nov 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-I

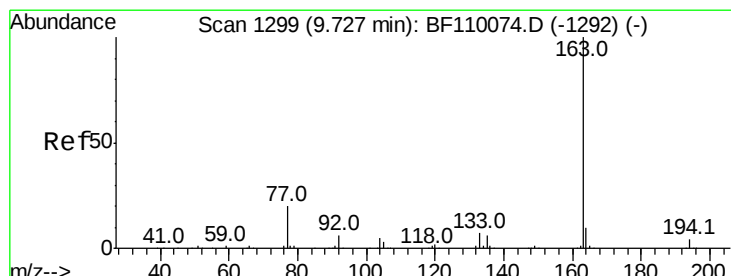
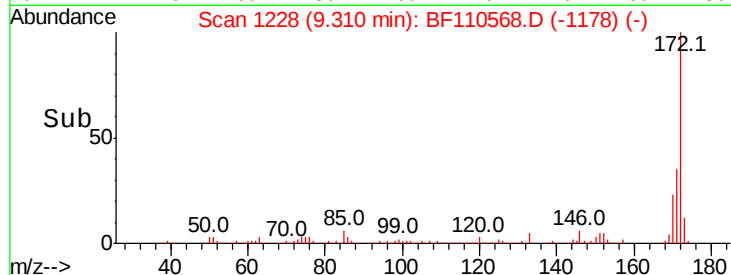
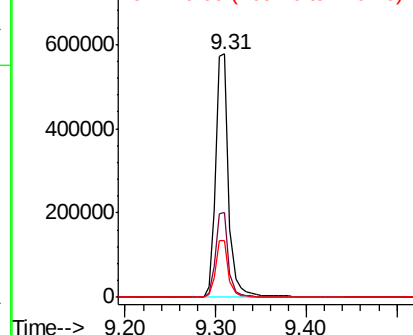
Tot Ion:	172	Resp:	591910
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.6	43.0
170	23.3	19.7	29.5

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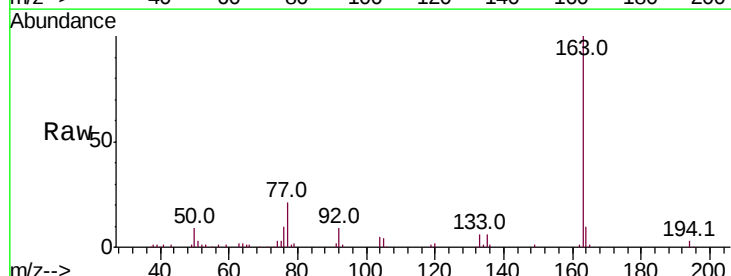


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

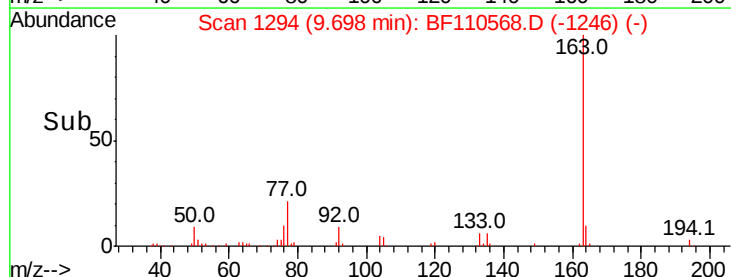
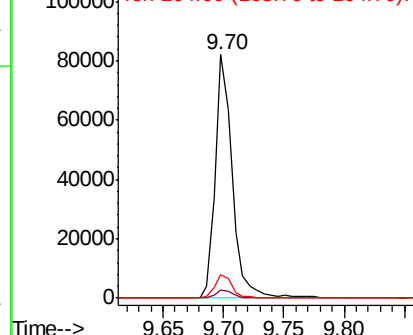


#50
 Dimethylphthalate
 Concen: 10.138 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110568.D
 Acq: 7 Nov 2018 21:01

Tgt Ion:	163	Resp:	79785
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.2	4.8
164	9.6	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





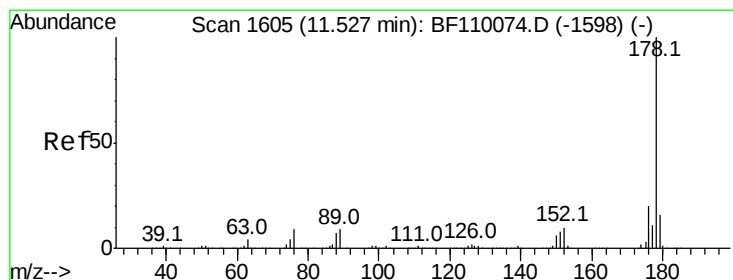
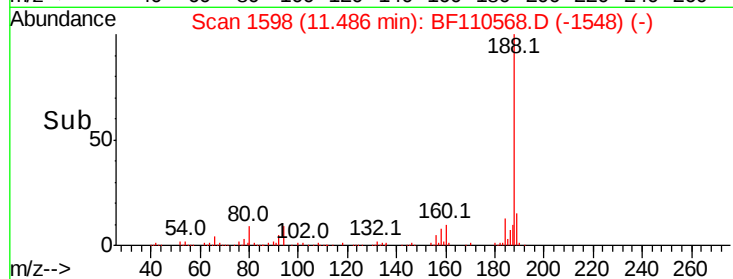
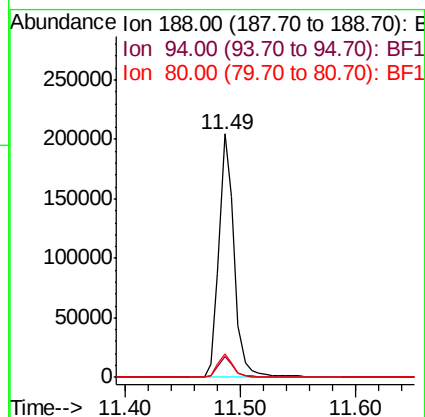
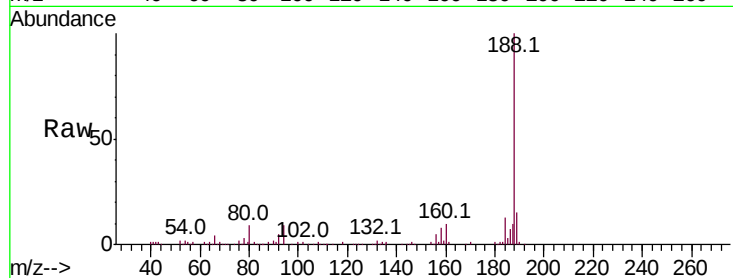
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	187550		
94	8.8		7.2	10.8
80	9.4		7.9	11.9

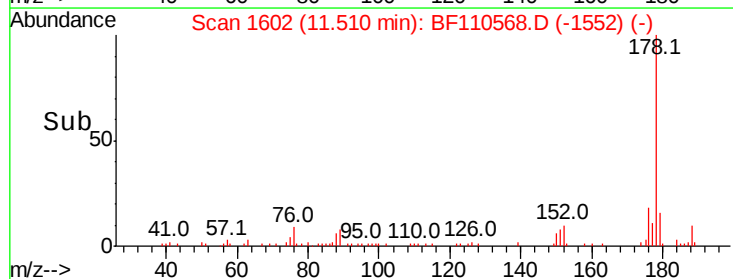
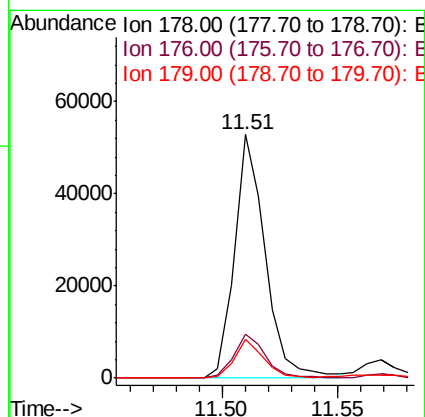
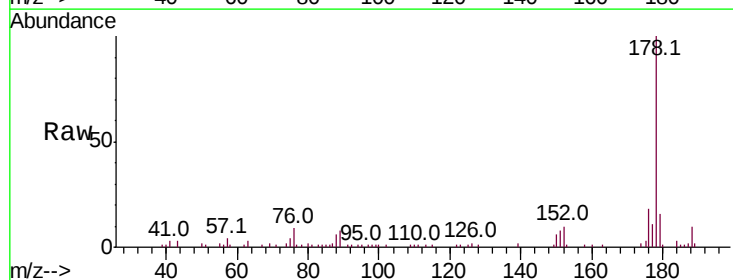
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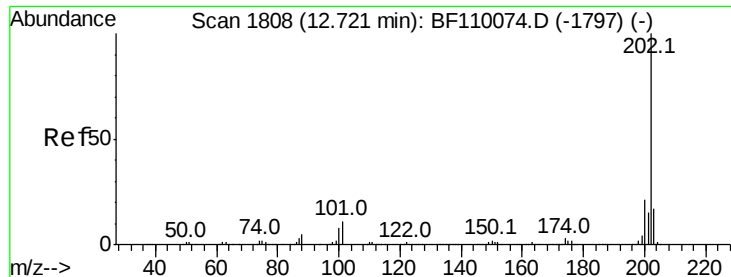
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#71
Phenanthrene
Concen: 4.992 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48990		
176	18.0		15.5	23.3
179	15.8		12.5	18.7





#75

Fluoranthene

Concen: 13.035 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110568.D

Acq: 7 Nov 2018 21:01

Instrument :

BNA_F

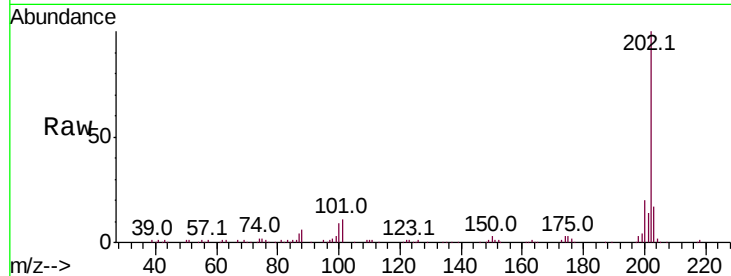
ClientSampled :

TS-I

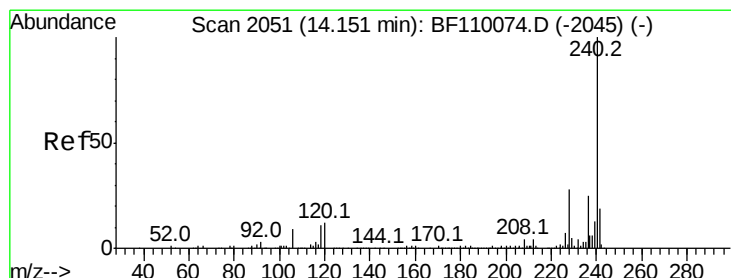
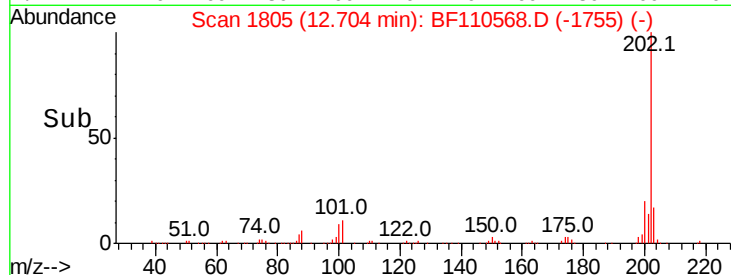
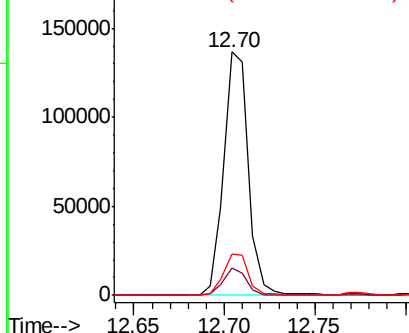
Tot Ion	Ratio	Resp	Lower	Upper
202	100	129823		
101	11.2	0.0	31.4	
203	17.2	0.0	37.7	

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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

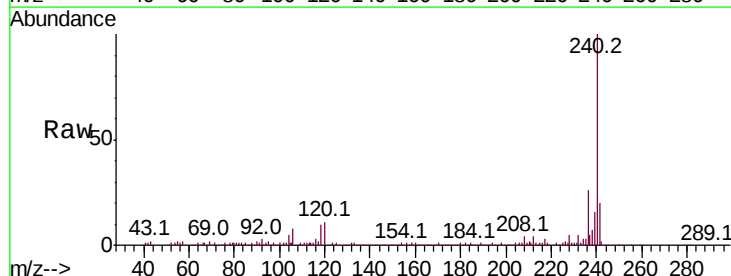
RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

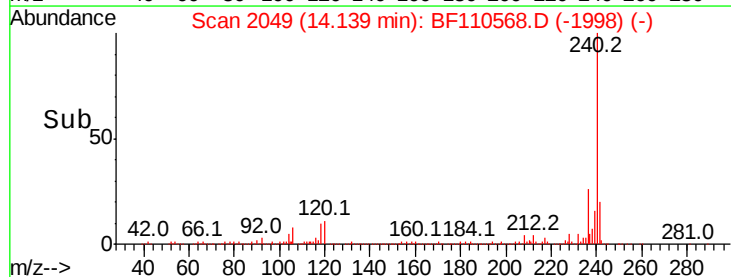
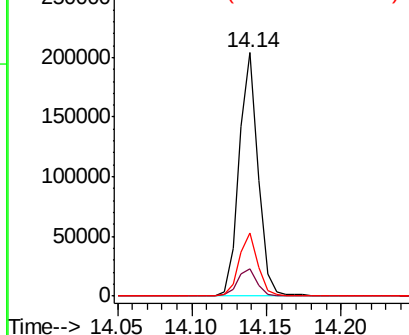
Lab File: BF110568.D

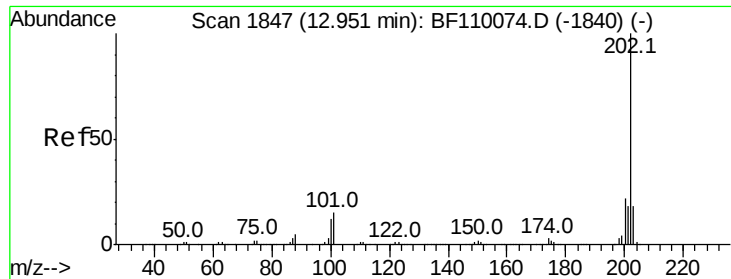
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	181960		
120	11.4	8.3	12.5	
236	25.8	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





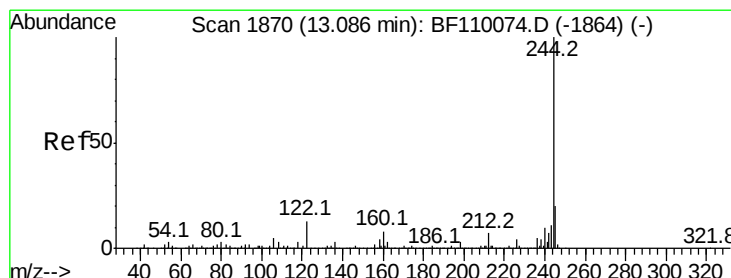
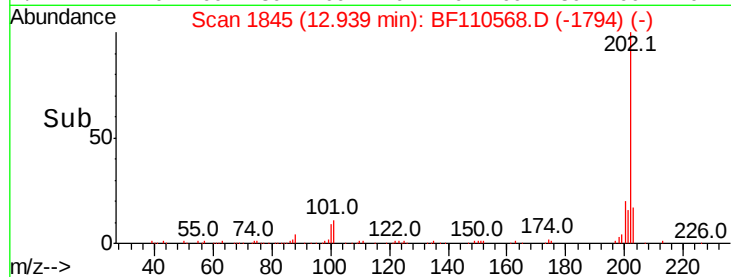
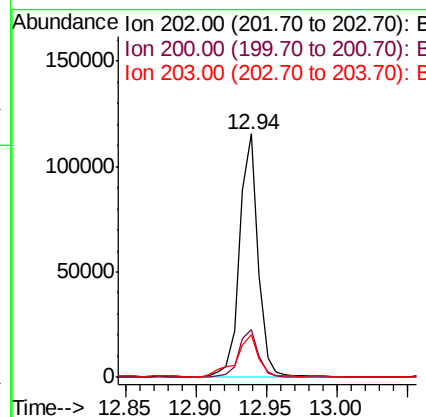
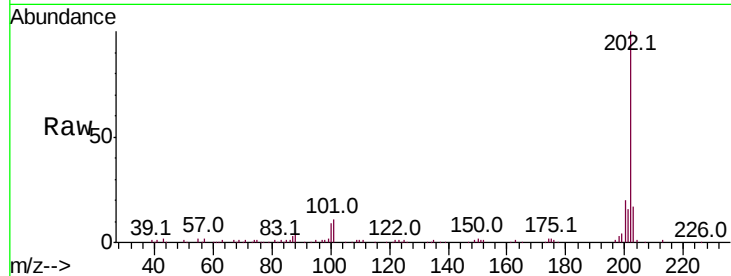
#78
Pvrene
Concen: 8.126 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampleId :
TS-I

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.6
203	17.4	14.2	21.4

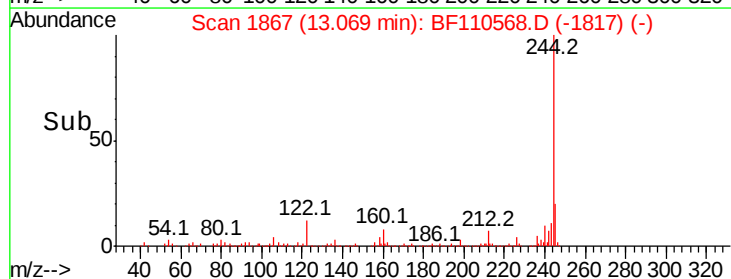
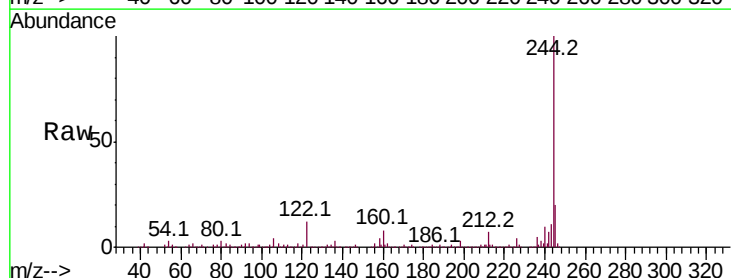
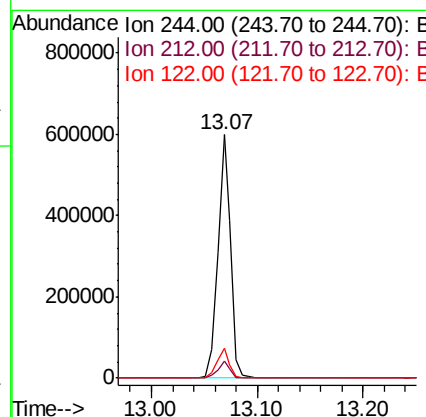
Manual Integrations
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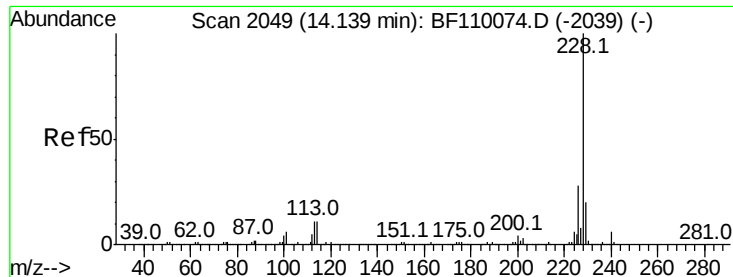
Sohil
11/9/2018 1:35:18 PM



#79
Terphenyl-d14
Concen: 57.967 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.5	8.7	13.1





#81

Benzo(a)anthracene

Concen: 4.140 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110568.D

Acq: 7 Nov 2018 21:01

Instrument :

BNA_F

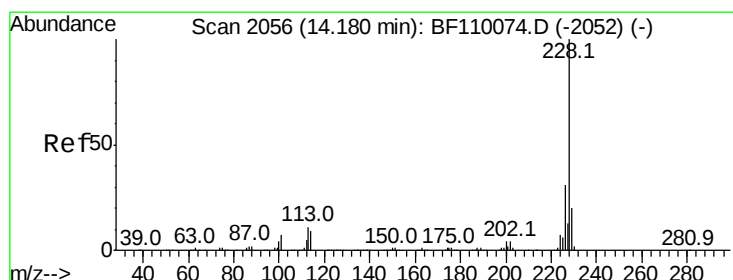
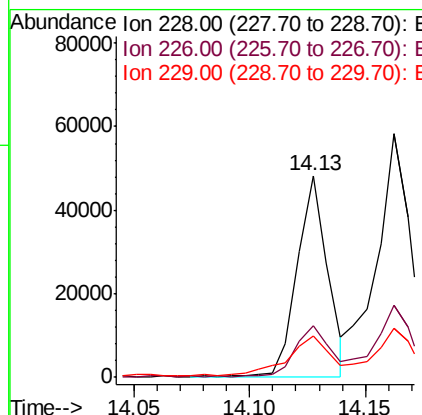
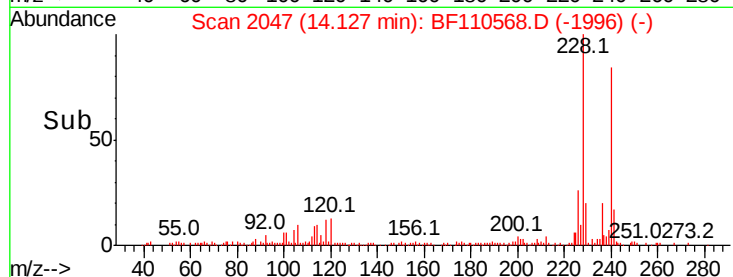
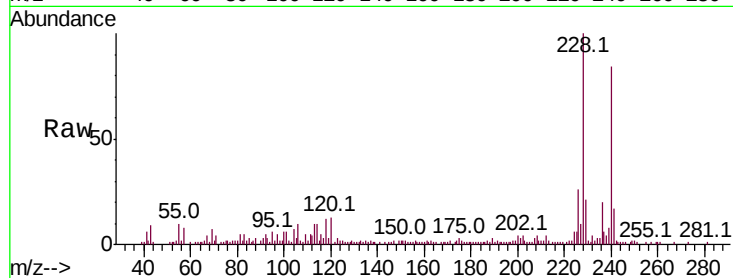
ClientSampled :

TS-I

Tot Ion:	228	Resp:	44671
Ion Ratio	Lower	Upper	
228	100		
226	25.5	22.1	33.1
229	20.7	15.6	23.4

Manual Integrations
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11/9/2018 1:35:18 PM



#83

Chrysene

Concen: 5.503 ng

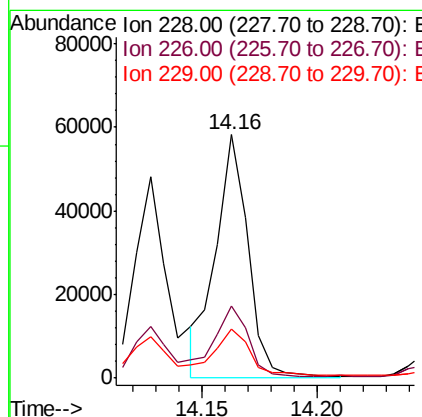
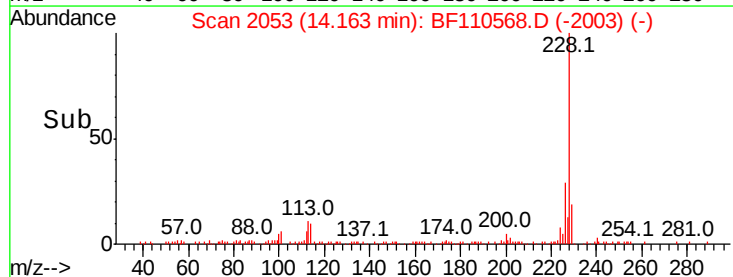
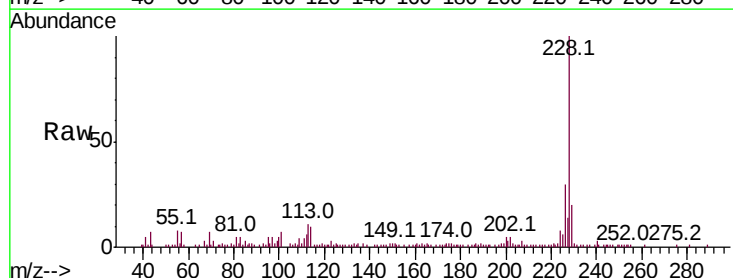
RT: 14.16 min Scan# 2053

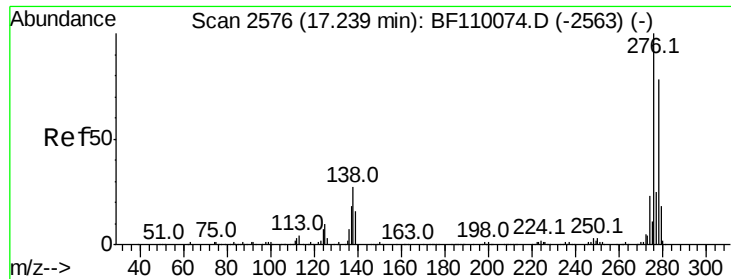
Delta R.T. -0.01 min

Lab File: BF110568.D

Acq: 7 Nov 2018 21:01

Tgt Ion:	228	Resp:	56396
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	20.2	15.9	23.9





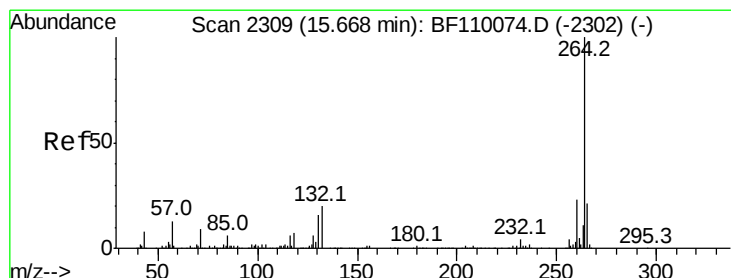
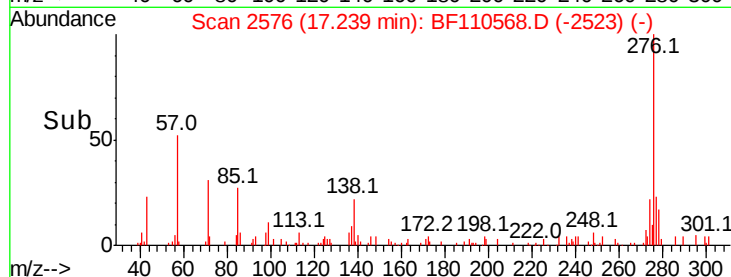
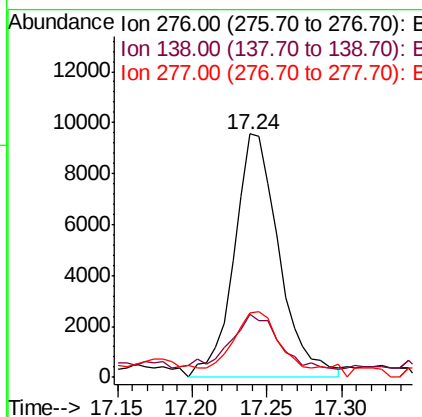
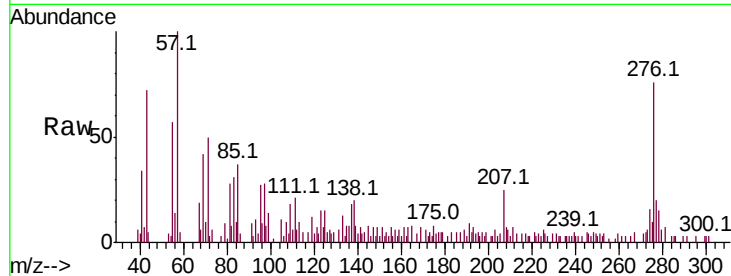
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.353 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampled :
TS-I

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.5	27.7
277	23.8	20.0	30.0

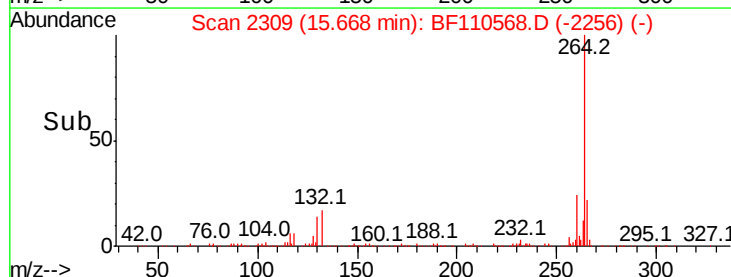
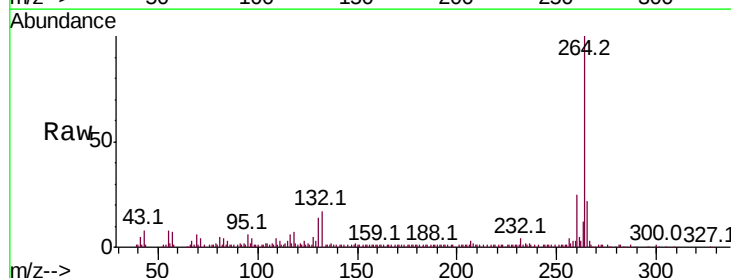
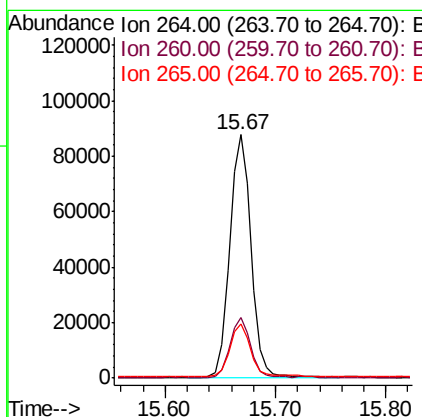
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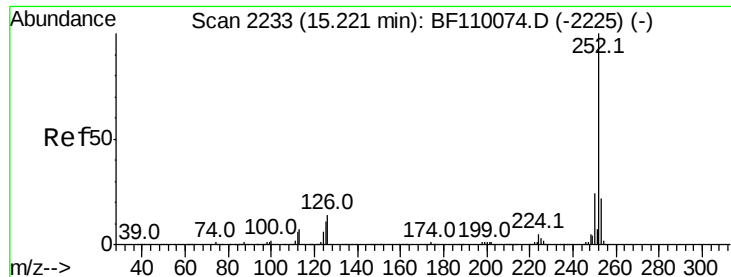
Sohil
11/9/2018 1:35:18 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.3	16.7	25.1





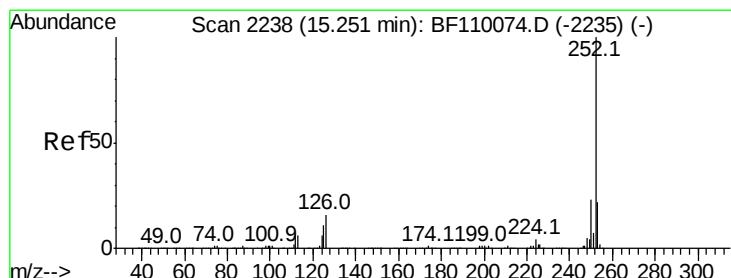
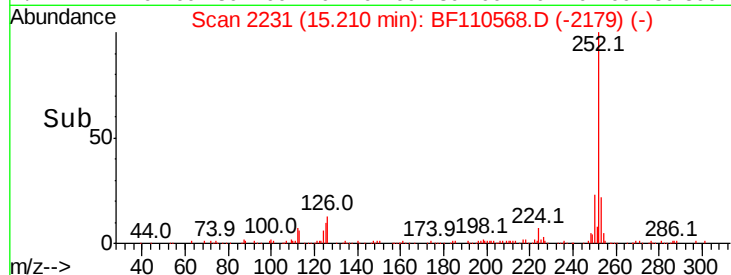
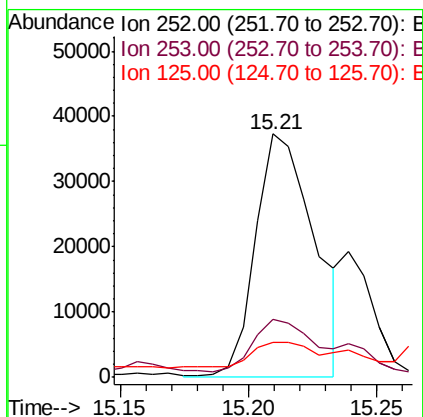
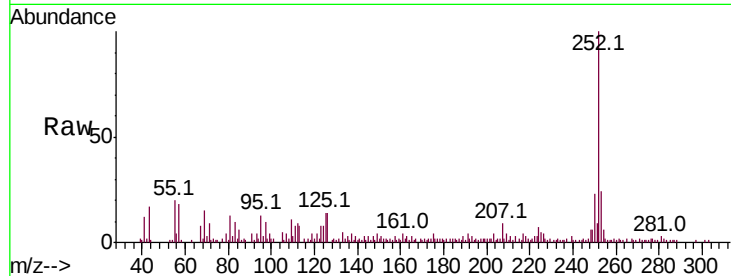
#88
Benzo(b)fluoranthene
Concen: 8.630 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampled :
TS-I

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	14.2	8.2	12.4

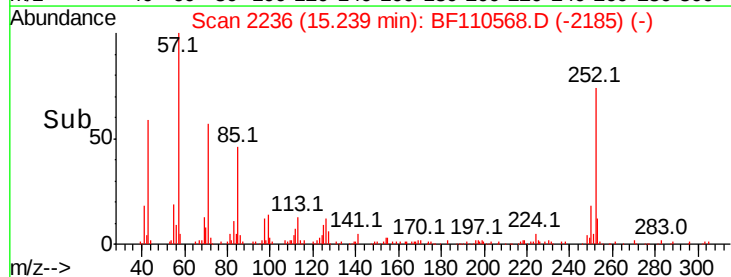
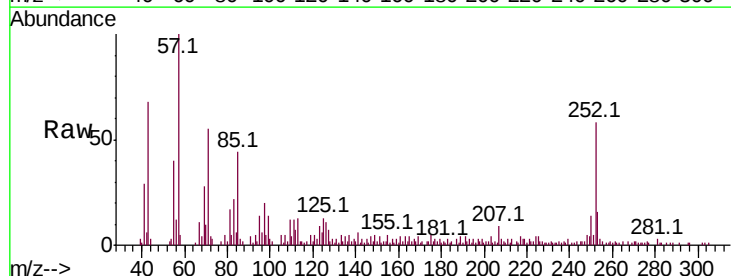
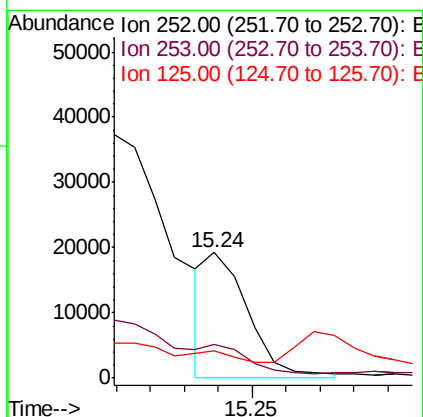
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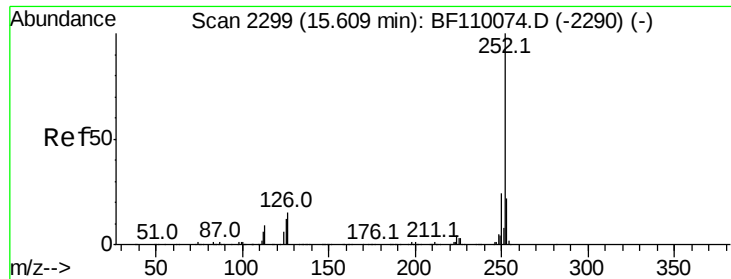
Sohil
11/9/2018 1:35:18 PM



#89
Benzo(k)fluoranthene
Concen: 2.461 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8
125	22.0	7.4	11.0





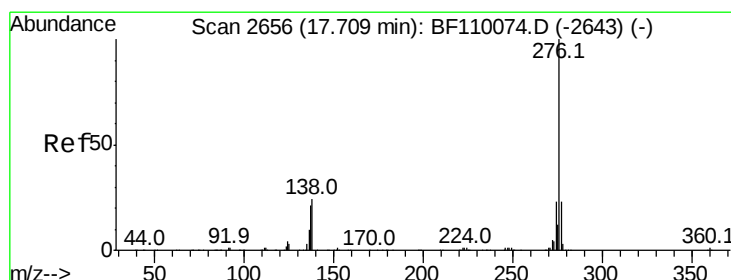
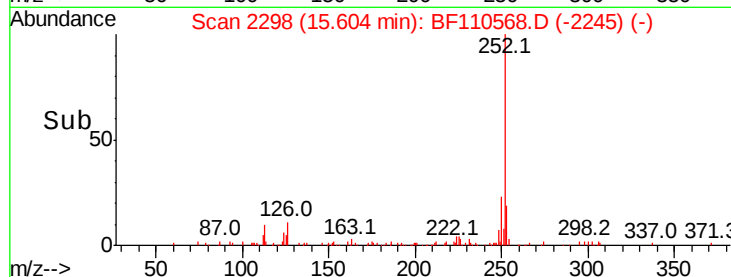
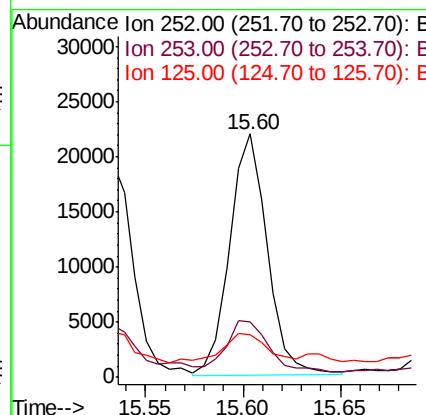
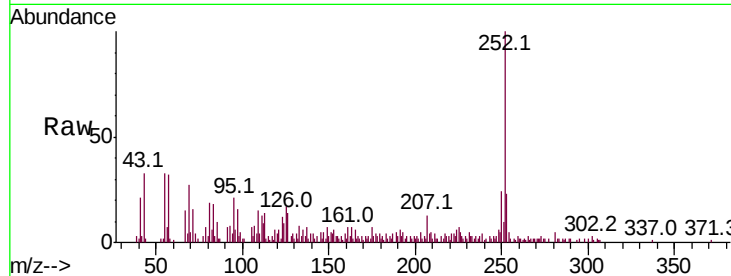
#90
Benzo(a)pyrene
Concen: 4.587 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Instrument :
BNA_F
ClientSampled :
TS-I

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	17.5	9.0	13.6

Manual Integrations
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11/9/2018 1:35:18 PM



#92
Benzo(g,h,i)perylene
Concen: 3.581 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110568.D
Acq: 7 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.8	28.2
138	23.5	16.0	24.0

