

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110473.D
 Acq On : 5 Nov 2018 18:57
 Operator : JU/SJ
 Sample : J5812-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-A

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:01:15 AM

Quant Time: Nov 06 04:20:56 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	117602	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	509713	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	247991	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	443953	20.00	ng	0.00
76) Chrysene-d12	14.13	240	237358	20.00	ng	0.00
87) Perylene-d12	15.66	264	205910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	710299	98.36	ng	0.00
7) Phenol-d6	6.58	99	929006	100.57	ng	0.00
23) Nitrobenzene-d5	7.52	82	602177	70.07	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	233844	95.19	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1073575	67.98	ng	0.00
79) Terphenyl-d14	13.07	244	880310	77.13	ng	0.00
Target Compounds						
10) Phenol	6.59	94	57506	5.824	ng	Qvalue # 64
50) Dimethylphthalate	9.70	163	174467	9.531	ng	99
52) Acenaphthene	10.03	154	32969	2.098	ng	94
71) Phenanthrene	11.51	178	170804	7.353	ng	99
72) Anthracene	11.56	178	47918	2.058	ng	98
75) Fluoranthene	12.70	202	230115	9.761	ng	98
78) Pyrene	12.93	202	166577	9.789	ng	97
81) Benzo(a)anthracene	14.12	228	39684	2.819	ng	96
83) Chrysene	14.16	228	35957	2.690	ng	98
88) Benzo(b)fluoranthene	15.20	252	31583m	2.656	ng	
90) Benzo(a)pyrene	15.59	252	22472	2.054	ng	96

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

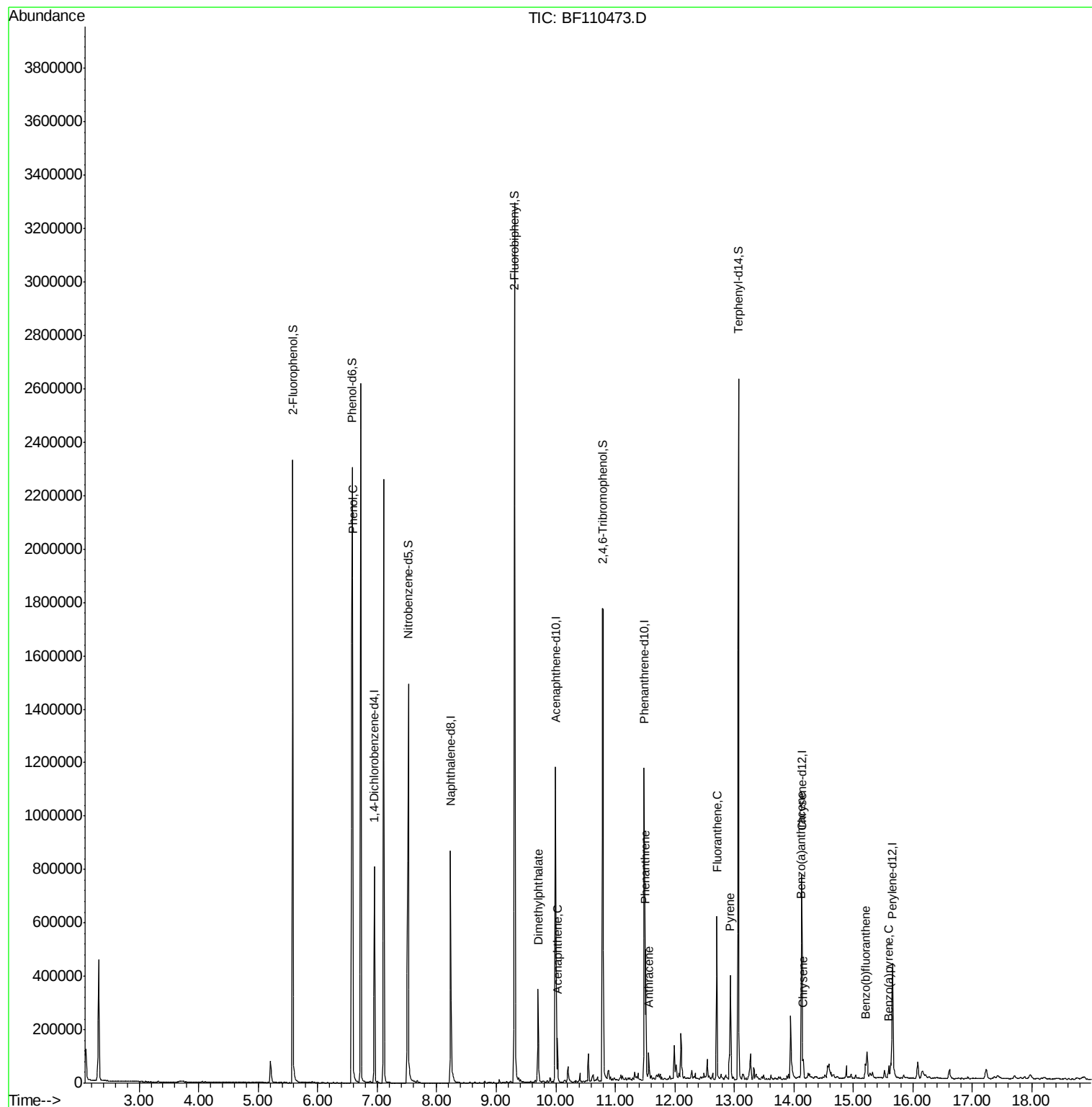
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110473.D
Acq On : 5 Nov 2018 18:57
Operator : JU/SJ
Sample : J5812-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

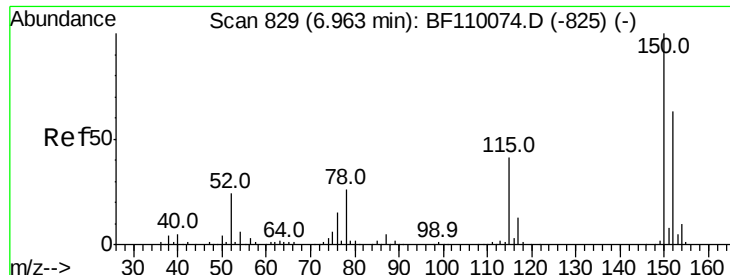
Instrument :
BNA_F
ClientSampleId :
TP1-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

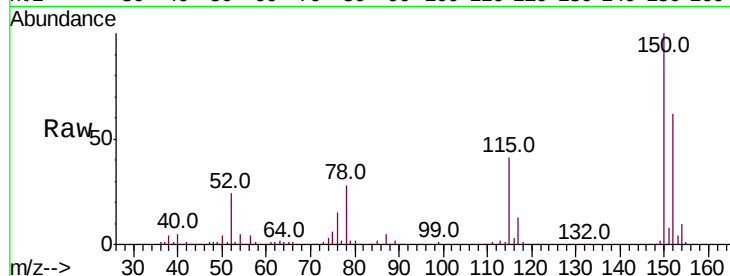
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampled :
TP1-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.7	184.1
115	66.8	49.1	73.7

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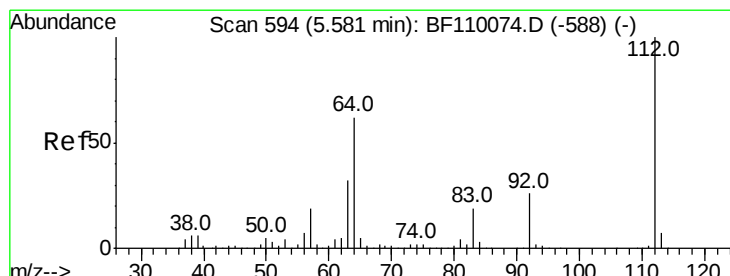
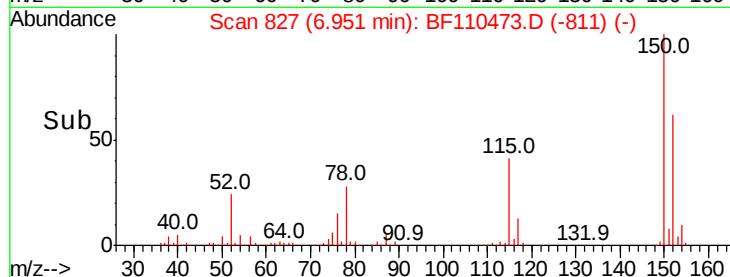
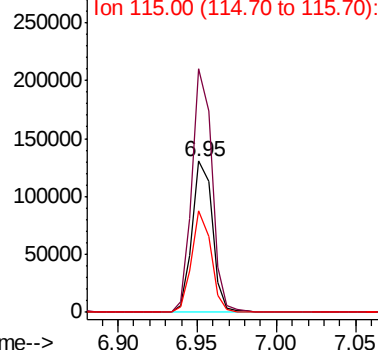


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

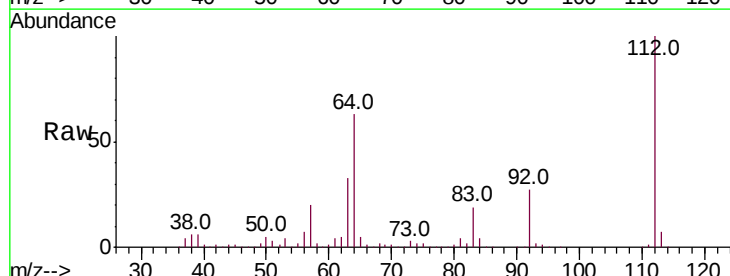
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.356 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	33.2	23.7	35.5

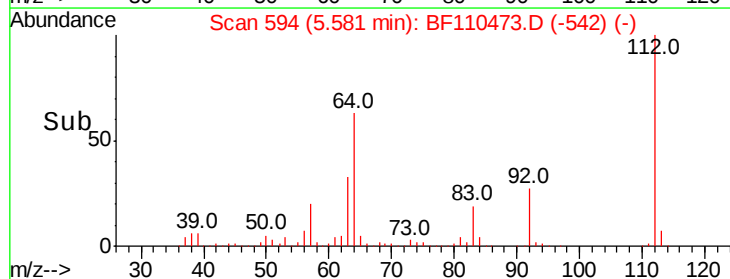
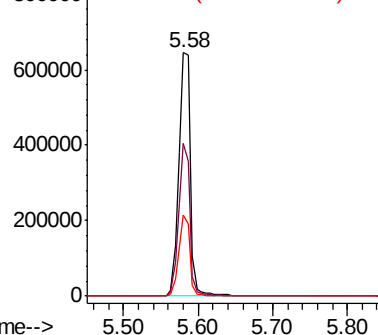


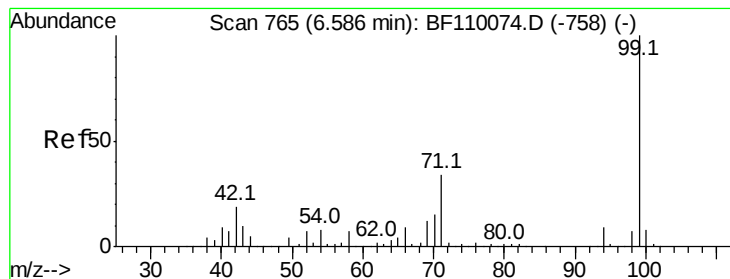
Abundance

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: 100.573 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Instrument :

BNA_F

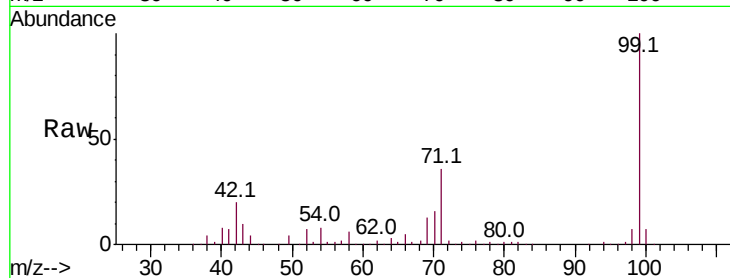
ClientSampled :

TP1-A

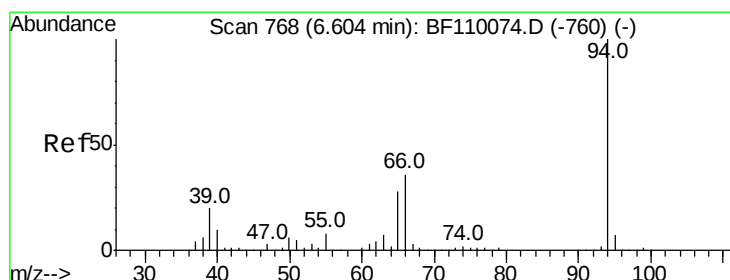
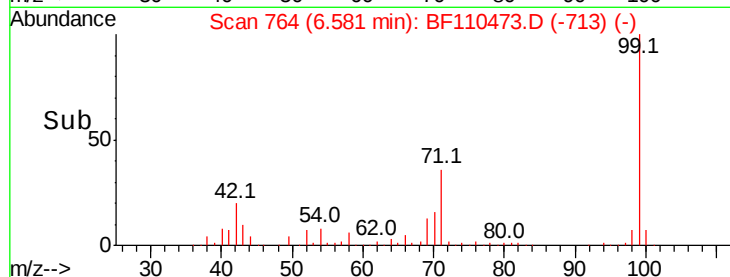
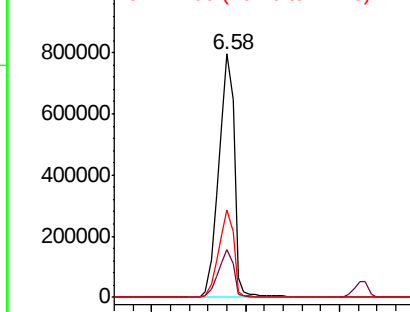
Tot Ion:	99	Resp:	929006
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	35.7	28.0	42.0

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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: 5.824 ng

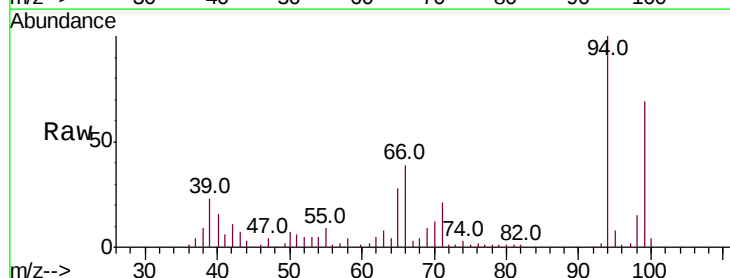
RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

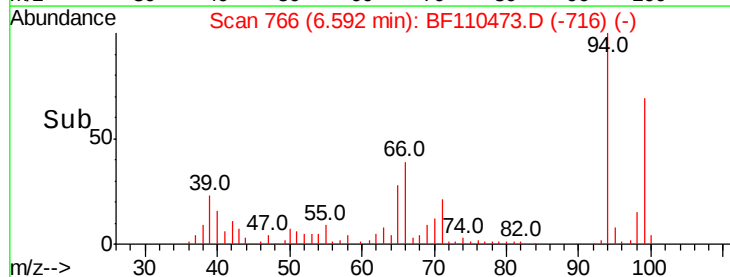
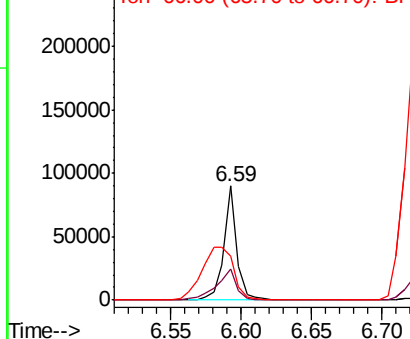
Lab File: BF110473.D

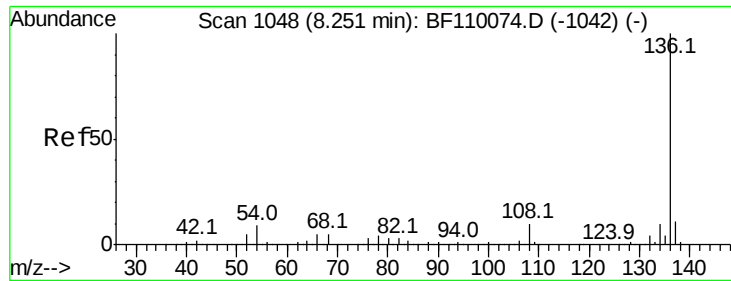
Acq: 5 Nov 2018 18:57

Tgt Ion:	94	Resp:	57506
Ion Ratio	Lower	Upper	
94	100		
65	27.5	25.3	65.3
66	39.0	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





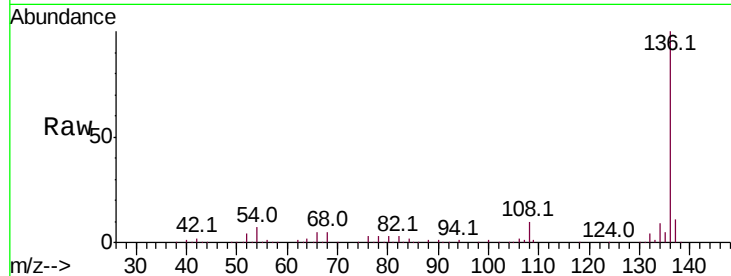
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

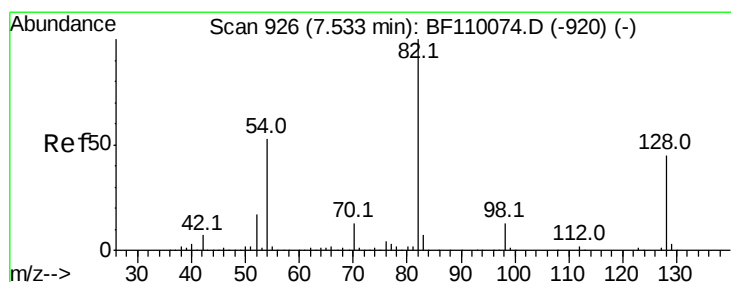
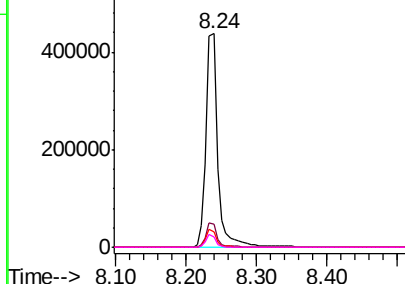
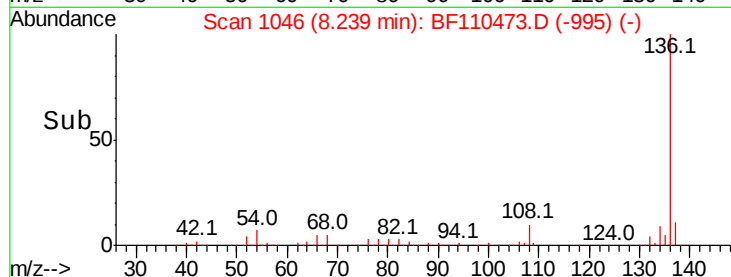
Tot Ion	Ratio	Resp	Lower	Upper
136	100	509713		
137	10.7		8.8	13.2
54	7.2		5.4	8.2
68	4.6		4.2	6.2

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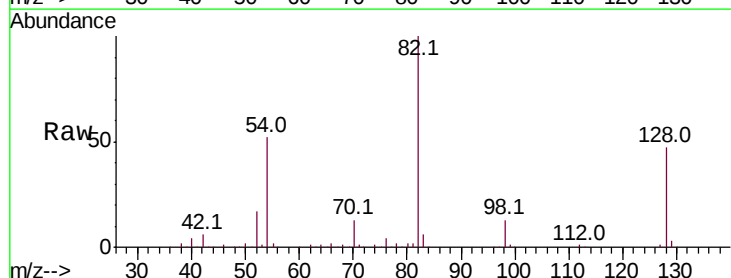


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

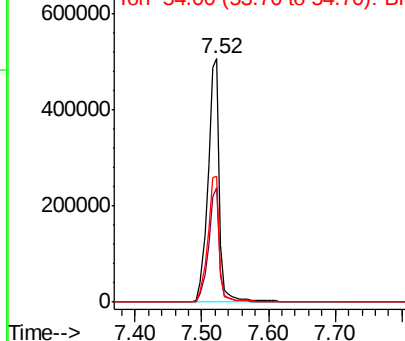
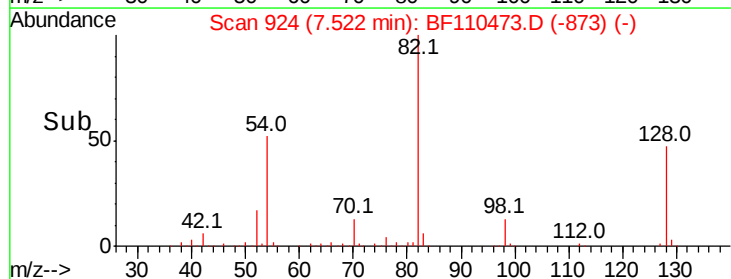


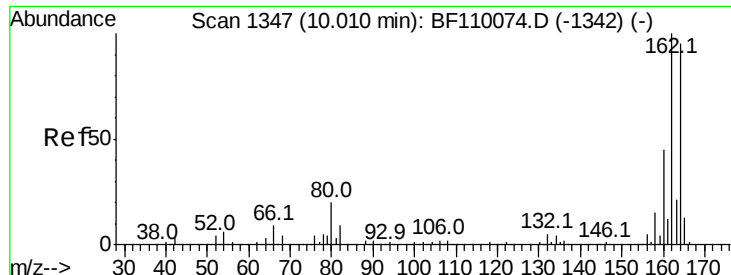
#23
Nitrobenzene-d5
Concen: 70.073 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	602177		
128	47.0		34.2	51.2
54	51.8		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





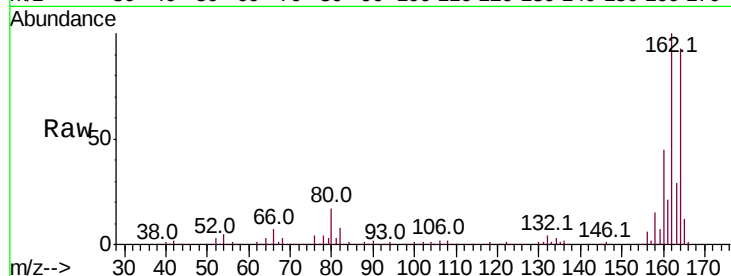
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

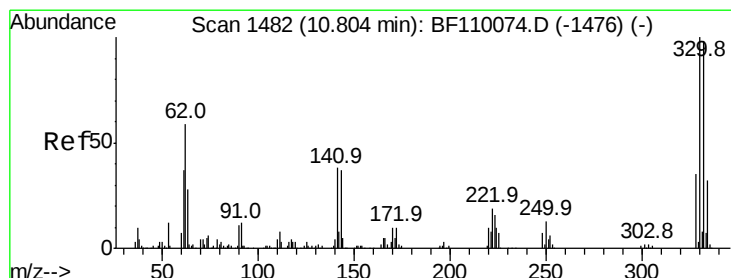
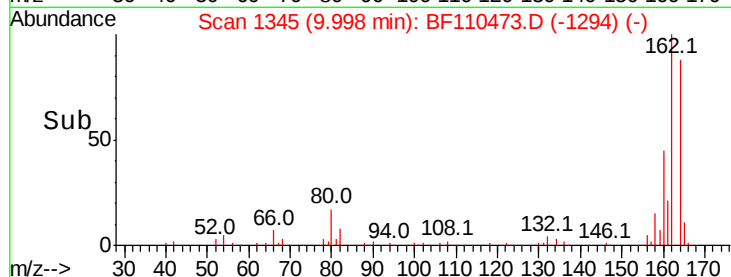
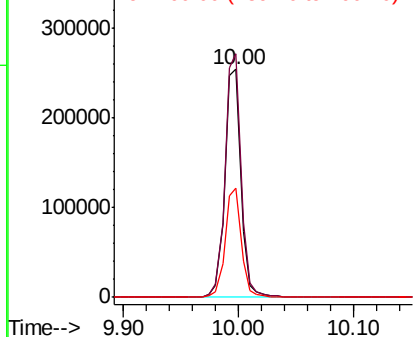
Tot Ion	Ratio	Resp	Lower	Upper
164	100	247991		
162	107.0	83.0	124.6	
160	47.9	37.0	55.6	

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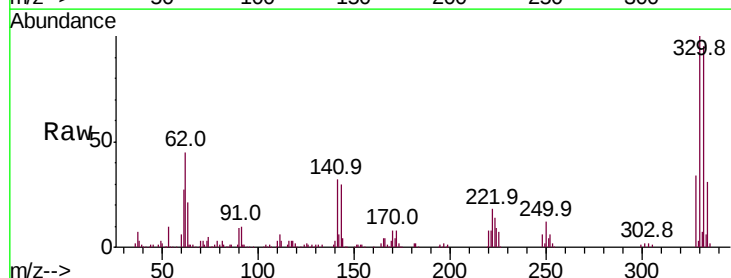


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

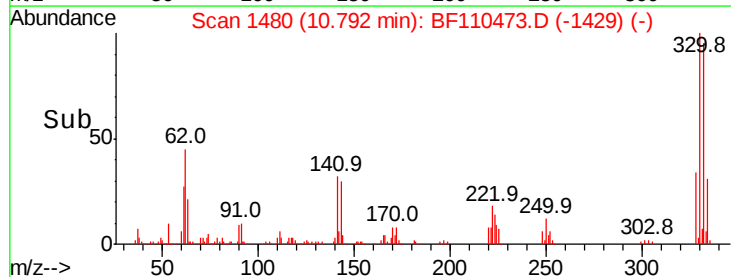
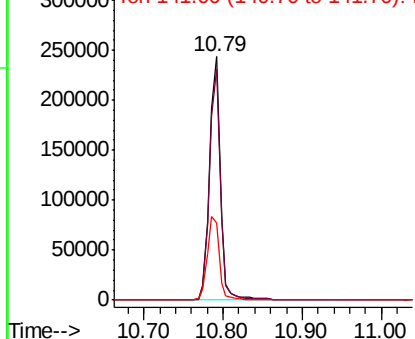


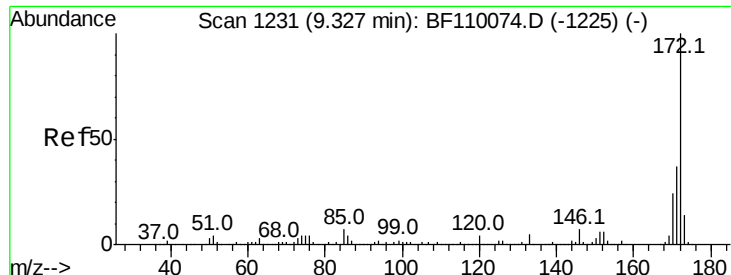
#42
2,4,6-Tribromophenol
Concen: 95.193 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233844		
332	95.1	77.1	115.7	
141	37.8	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





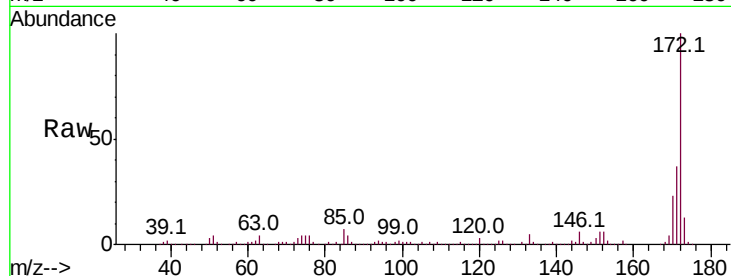
#45
2-Fluorobiphenyl
Concen: 67.978 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampled :
TP1-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	23.4	19.7	29.5

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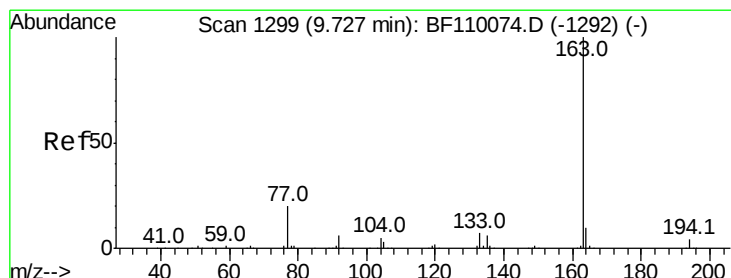
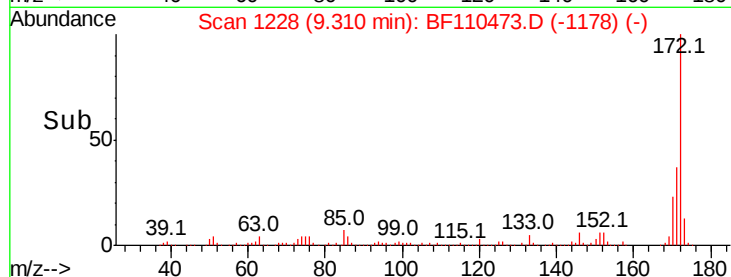
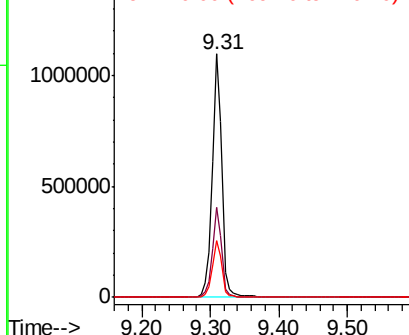


Abundance

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: 9.531 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

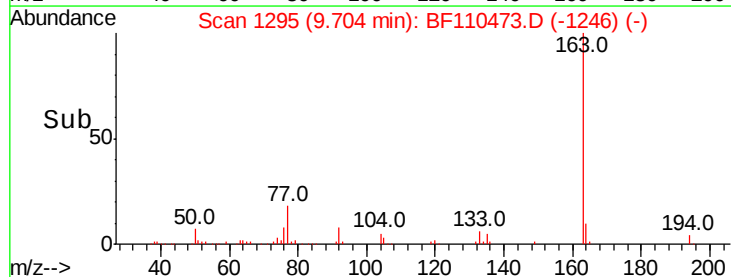
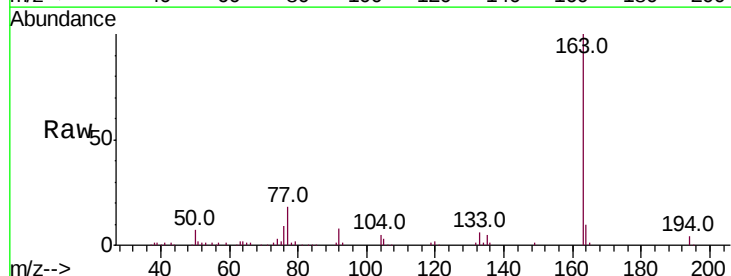
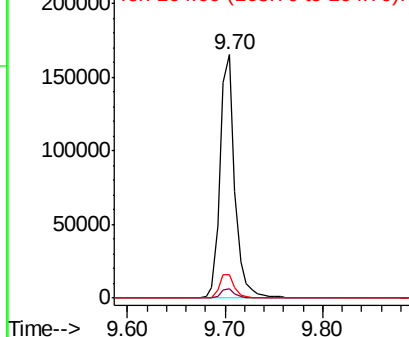
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.7	8.1	12.1

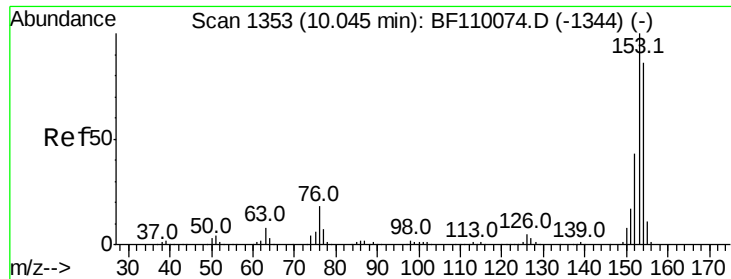
Abundance

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





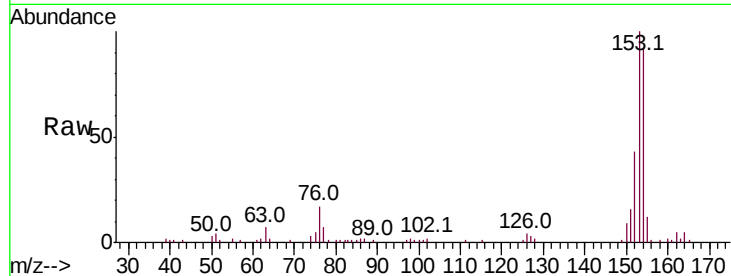
#52
Acenaphthene
Concen: 2.098 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampled :
TP1-A

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.9	90.1	135.1
152	47.1	43.4	65.2

Manual Integrations
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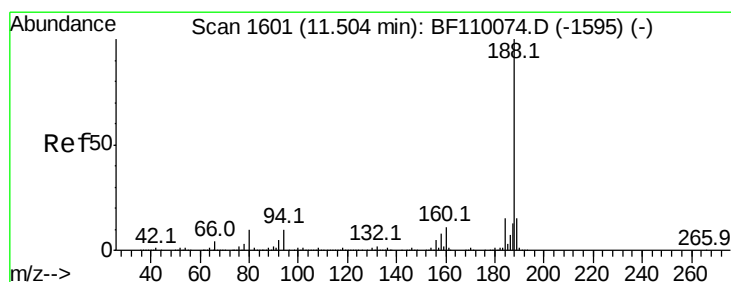
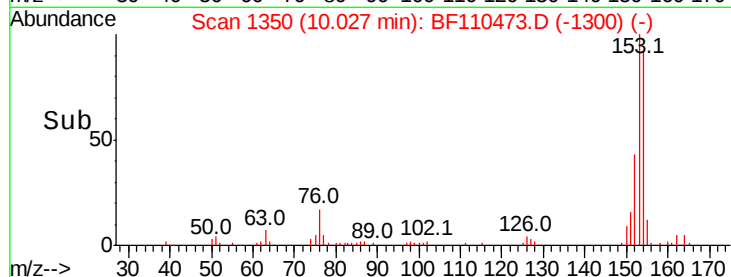
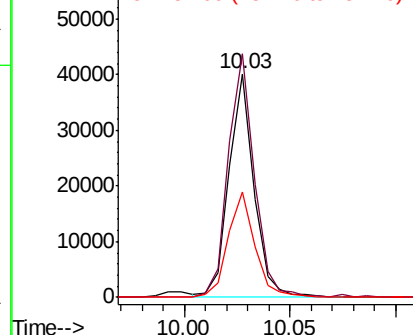


Abundance

Ion 154.00 (153.70 to 154.70): E

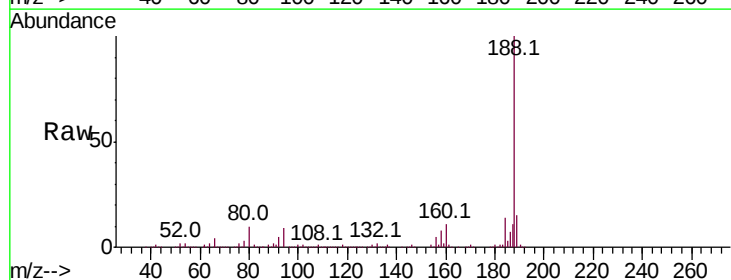
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.9	7.9	11.9

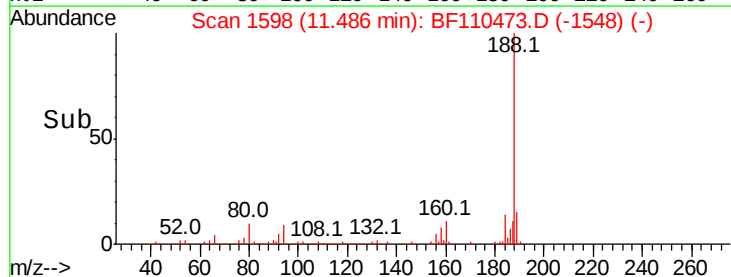
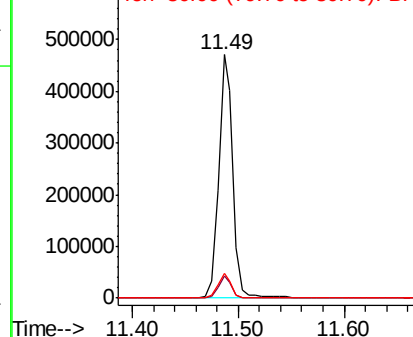


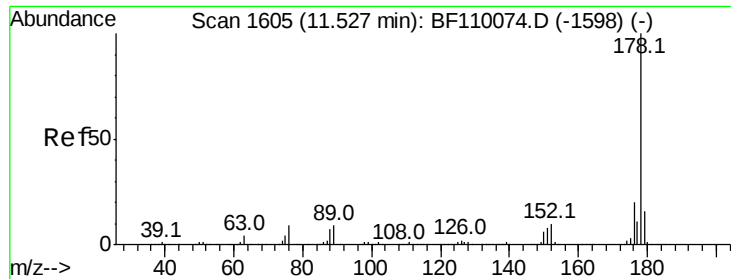
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





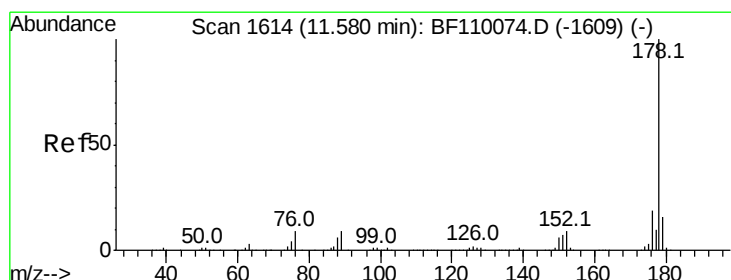
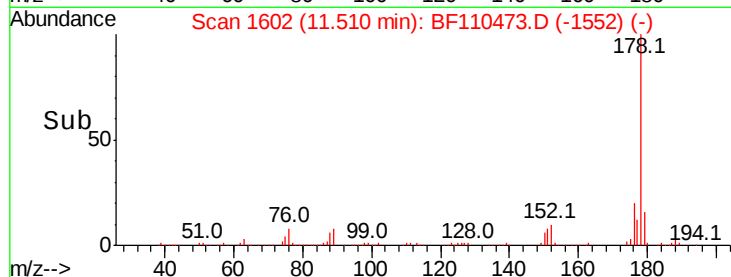
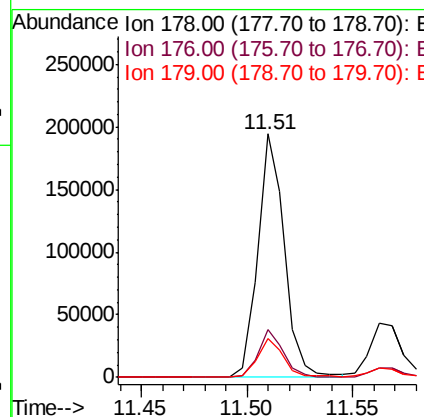
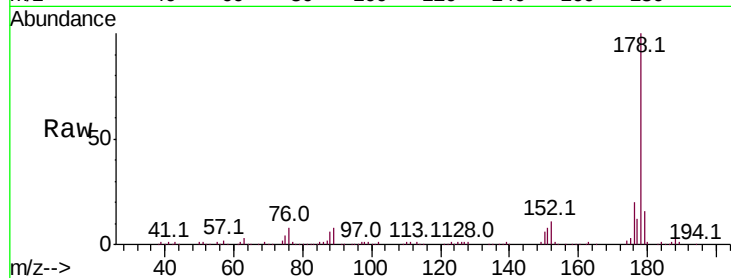
#71
Phenanthrene
Concen: 7.353 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampled :
TP1-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.9	12.5	18.7

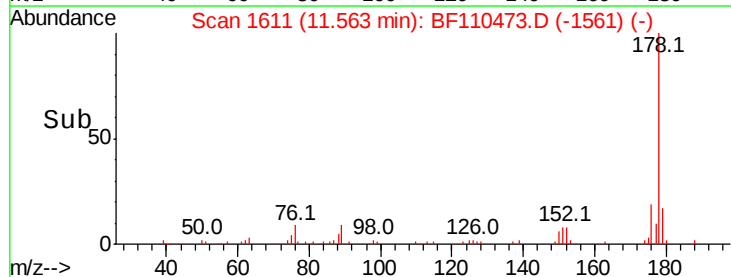
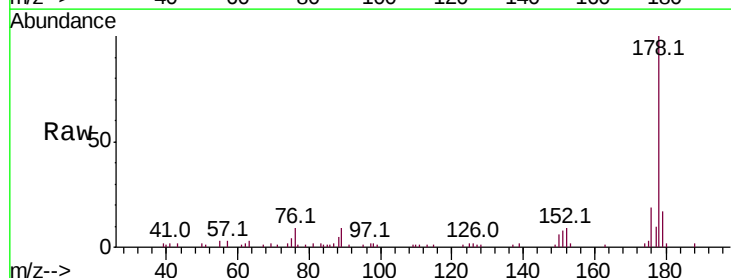
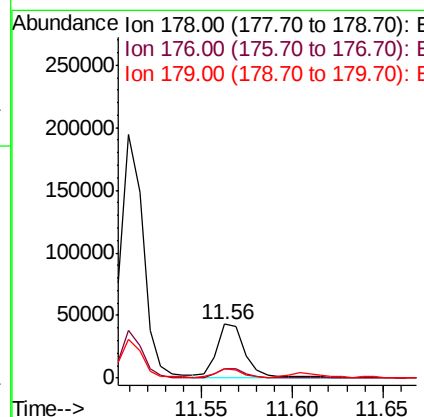
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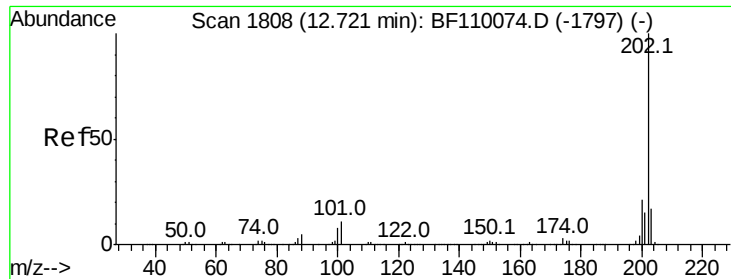
Sohil
11/6/2018 9:01:15 AM



#72
Anthracene
Concen: 2.058 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	17.1	12.6	18.8





#75

Fluoranthene

Concen: 9.761 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Instrument :

BNA_F

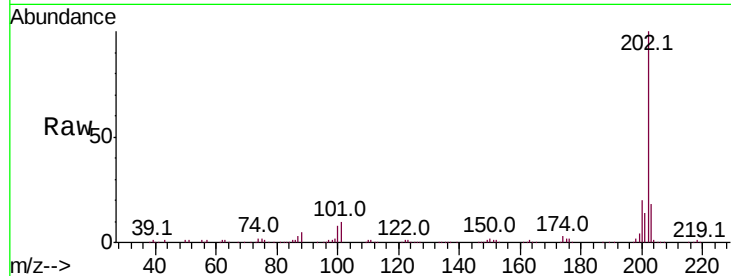
ClientSampleId :

TP1-A

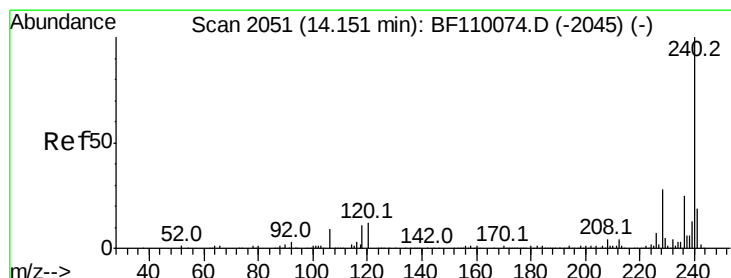
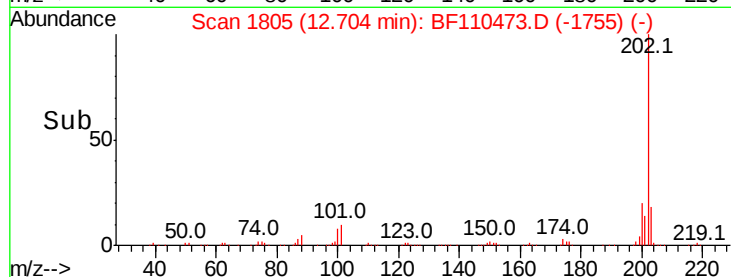
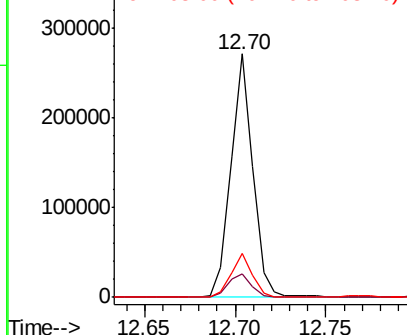
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	31.4
203	18.0	0.0	37.7

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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# 2048

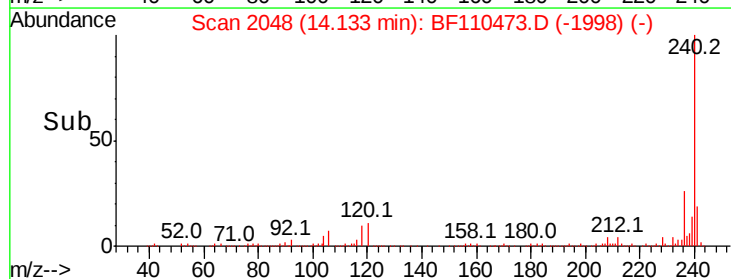
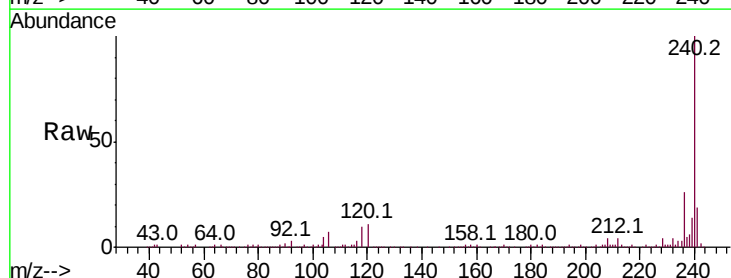
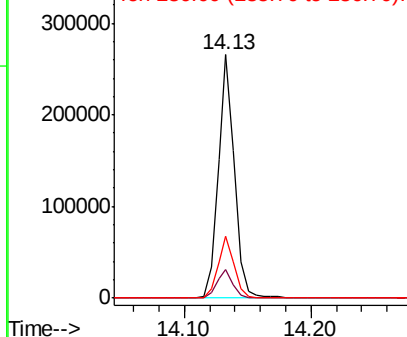
Delta R.T. -0.01 min

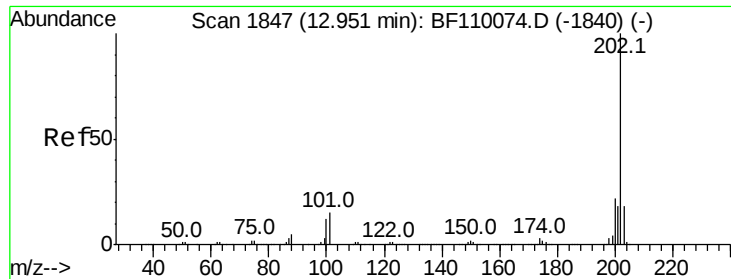
Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.5	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





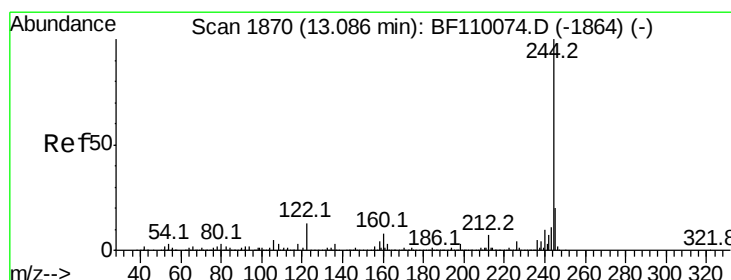
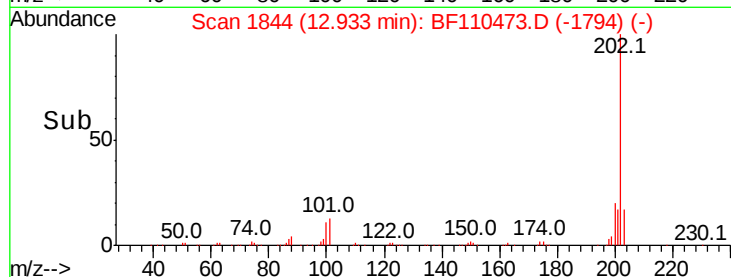
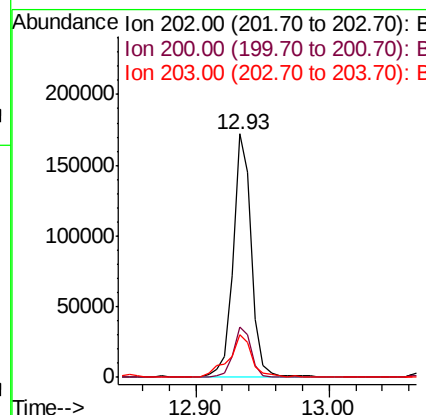
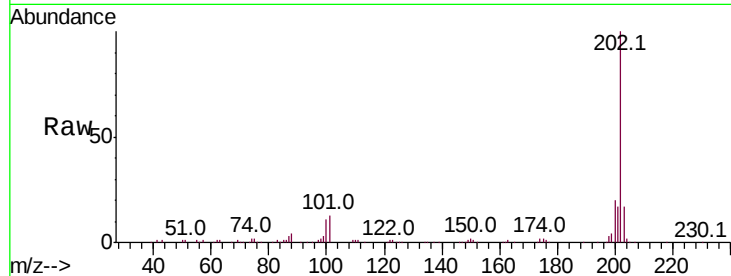
#78
Pvrene
Concen: 9.789 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.3	14.2	21.4

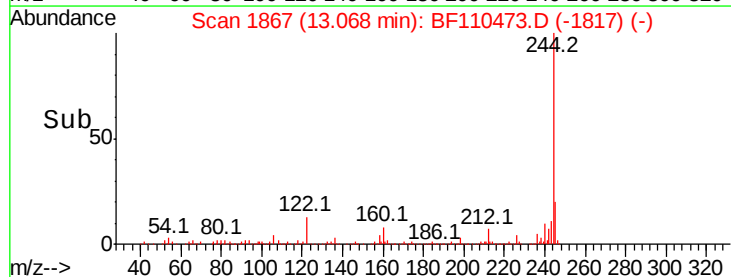
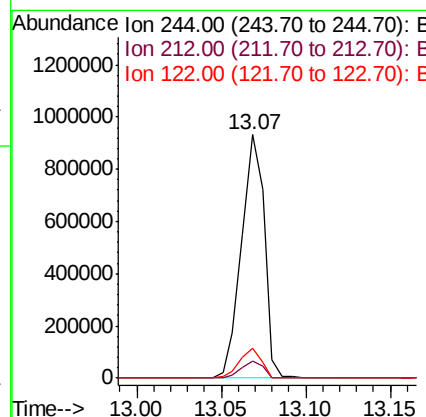
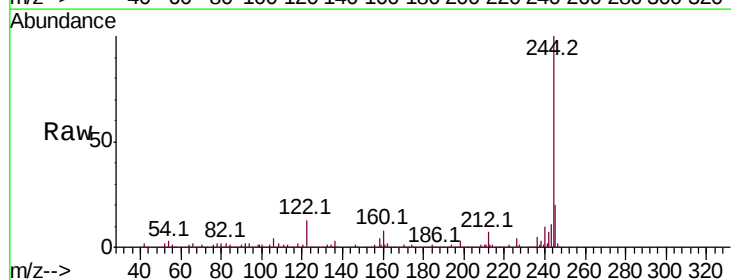
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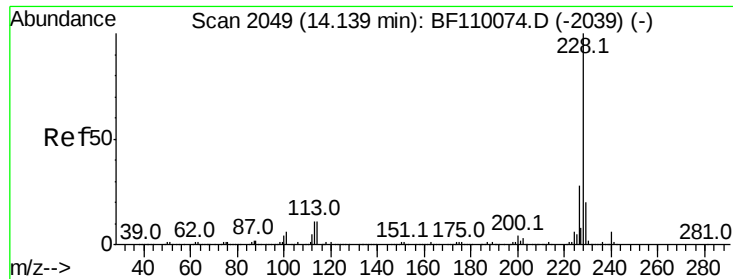
Sohil
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#79
Terphenyl-d14
Concen: 77.132 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	8.7	13.1





#81

Benzo(a)anthracene

Concen: 2.819 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Instrument :

BNA_F

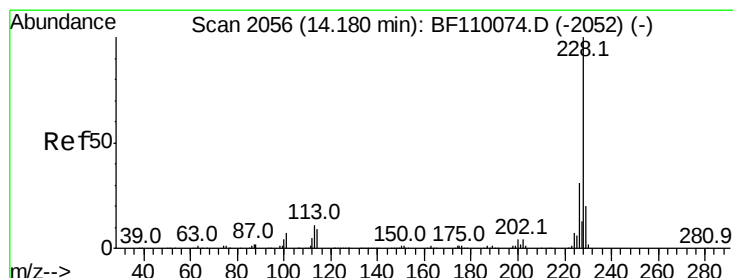
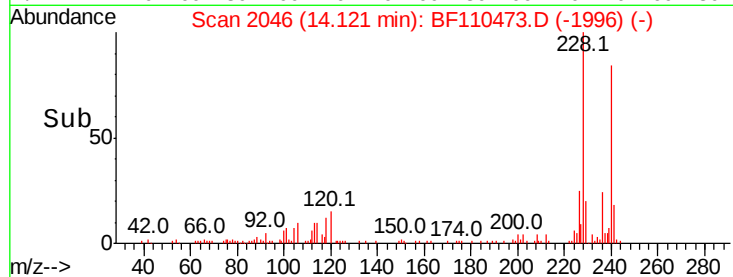
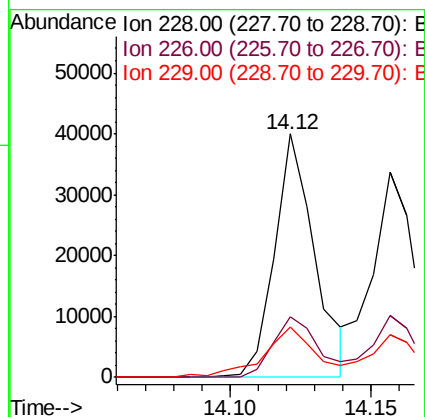
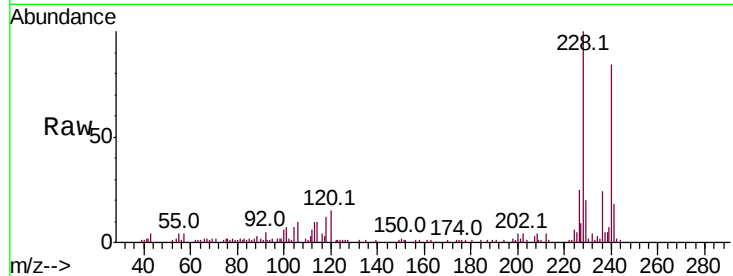
ClientSampled :

TP1-A

Tot Ion:	228	Resp:	39684
Ion Ratio	Lower	Upper	
228	100		
226	25.0	22.1	33.1
229	20.5	15.6	23.4

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#83

Chrysene

Concen: 2.690 ng

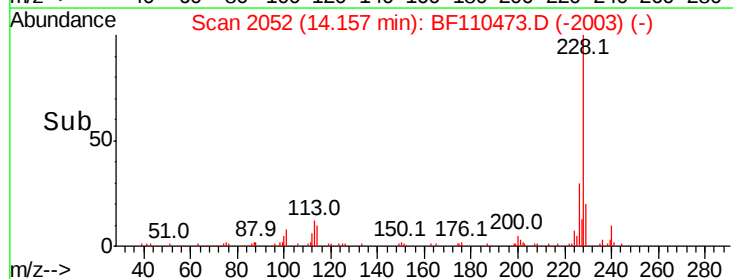
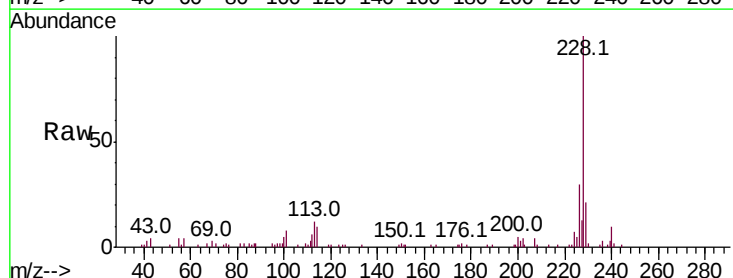
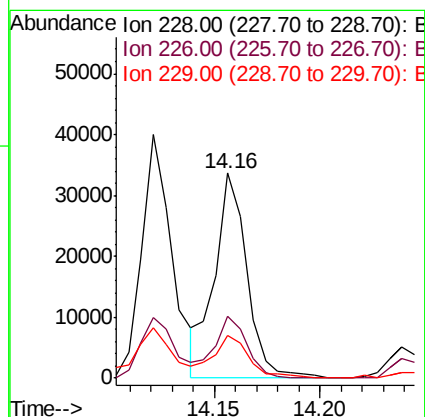
RT: 14.16 min Scan# 2052

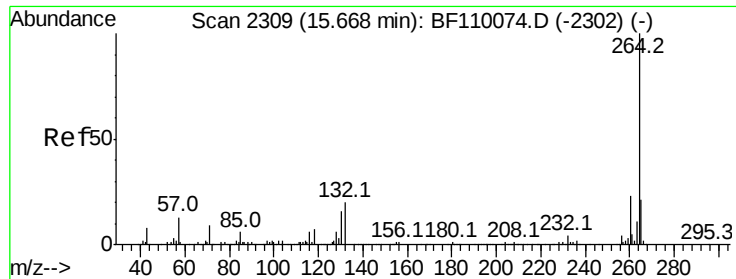
Delta R.T. -0.01 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Tgt Ion:	228	Resp:	35957
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	21.0	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: BF110473.D

Acq: 5 Nov 2018 18:57

Instrument :

BNA_F

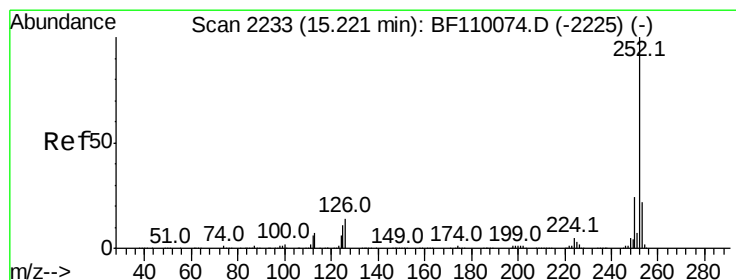
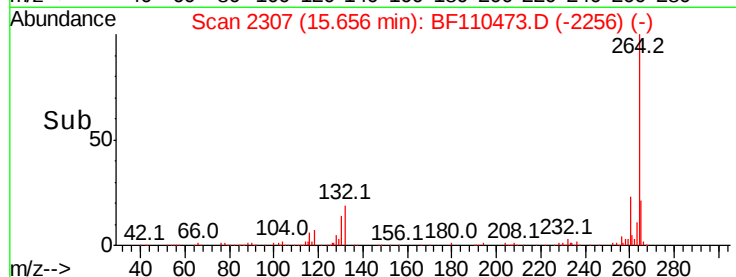
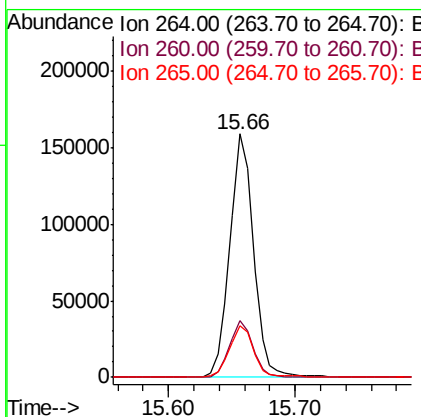
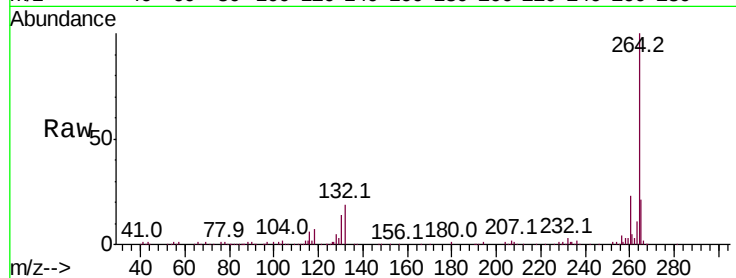
ClientSampleId :

TP1-A

Tot Ion:	264	Resp:	205910
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.3	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 2.656 ng m

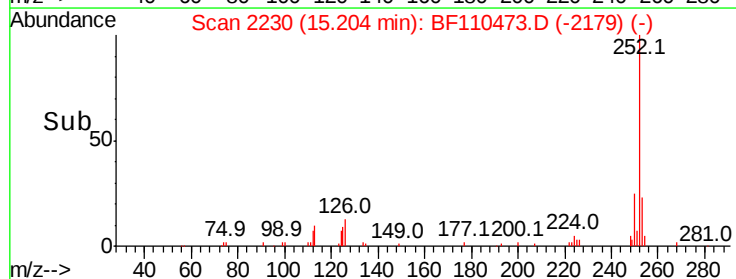
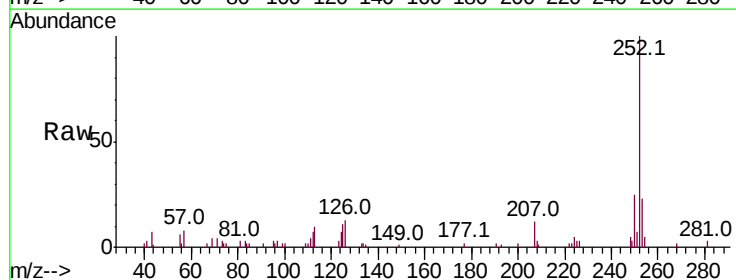
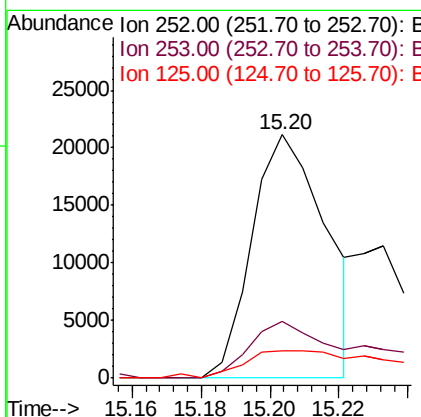
RT: 15.20 min Scan# 2230

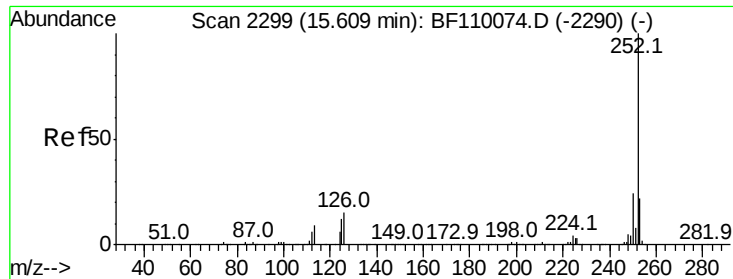
Delta R.T. 0.00 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Tgt Ion:	252	Resp:	31583
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	11.2	8.2	12.4





#90

Benzo(a)pyrene

Concen: 2.054 ng

RT: 15.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BF110473.D

Acq: 5 Nov 2018 18:57

Instrument :

BNA_F

ClientSampleId :

TP1-A

Tot Ion:	252	Resp:	22472
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.4
125	11.4	9.0	13.6

Manual Integrations
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11/6/2018 9:01:15 AM

