

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110213.D
 Acq On : 26 Oct 2018 16:50
 Operator : JU/SJ
 Sample : J5624-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-03B

Manual Integrations
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 10/29/2018 11:56:40 AM

Quant Time: Oct 27 00:03:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120677	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	472053	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	199814	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	310770	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	232163	20.00	ng	-0.01
87) Perylene-d12	15.68	264	164171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	733296	98.95	ng	0.00
7) Phenol-d6	6.59	99	931766	98.30	ng	-0.01
23) Nitrobenzene-d5	7.53	82	574133	72.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	172530	87.17	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	918874	72.21	ng	-0.01
79) Terphenyl-d14	13.09	244	668889	59.92	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	130302	12.860	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	157544	10.681	ng	99
71) Phenanthrene	11.53	178	154495	9.501	ng	99
75) Fluoranthene	12.72	202	158523	9.606	ng	98
78) Pyrene	12.95	202	146255	8.787	ng	98
81) Benzo(a)anthracene	14.14	228	65837	4.782	ng	99
83) Chrysene	14.17	228	58409	4.467	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	25092	2.313	ng	96
88) Benzo(b)fluoranthene	15.22	252	59134m	6.238	ng	
90) Benzo(a)pyrene	15.61	252	36153	4.144	ng	# 90
92) Benzo(g,h,i)perylene	17.72	276	22073	2.976	ng	# 93

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

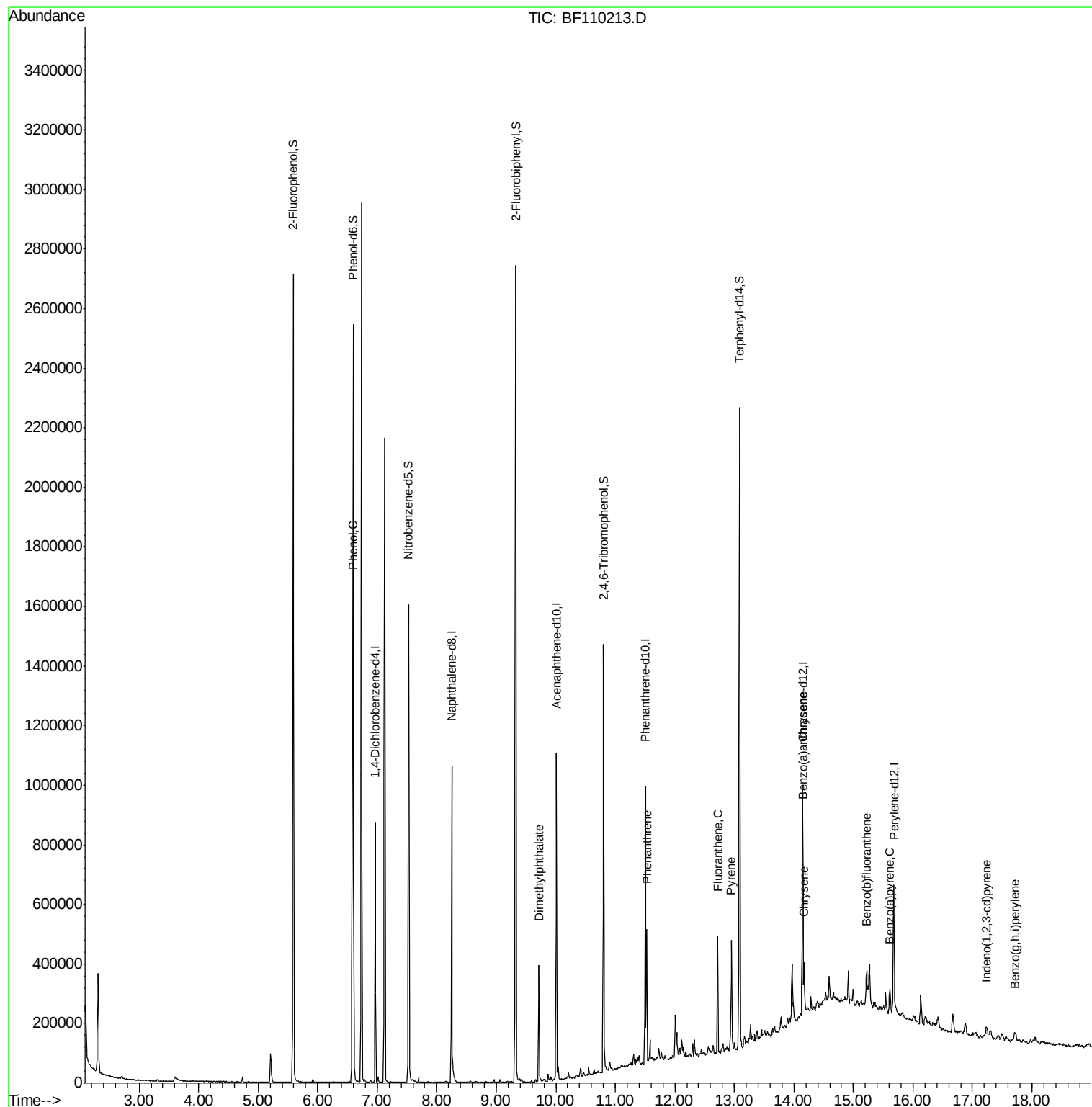
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110213.D
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ALS Vial : 8 Sample Multiplier: 1

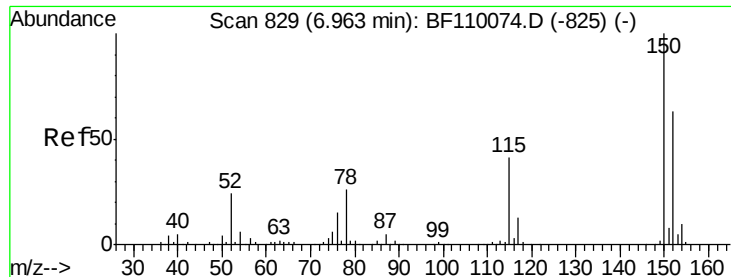
Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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#1

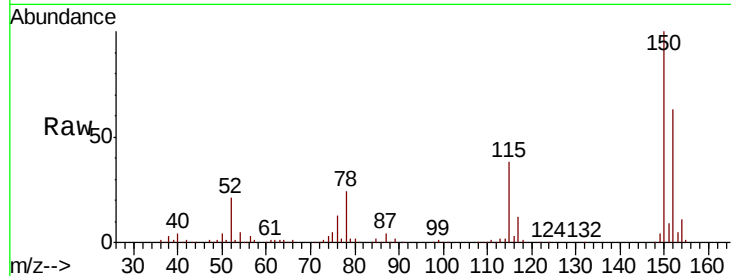
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	59.9	49.1	73.7

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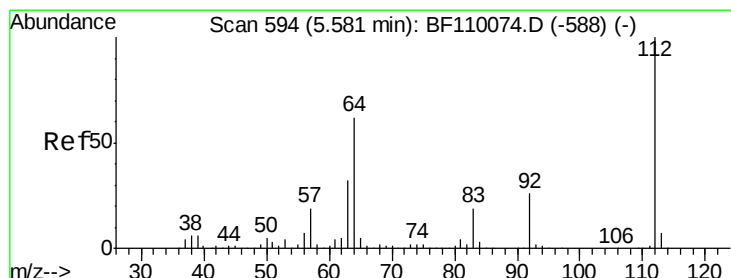
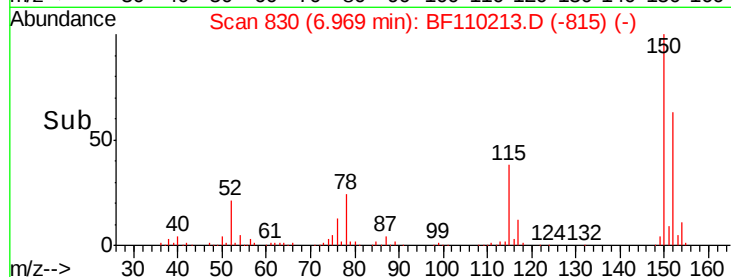
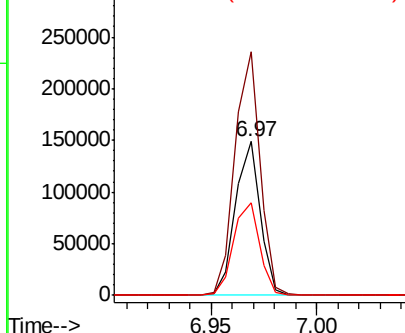


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

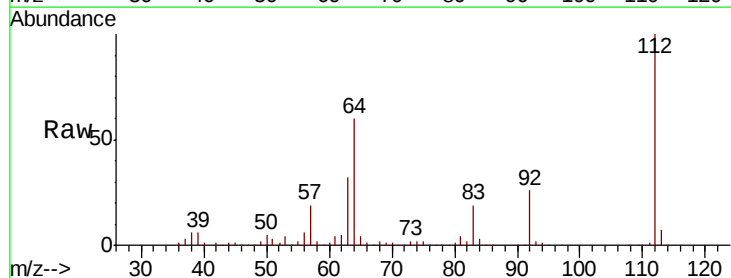
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.953 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.0	23.7	35.5

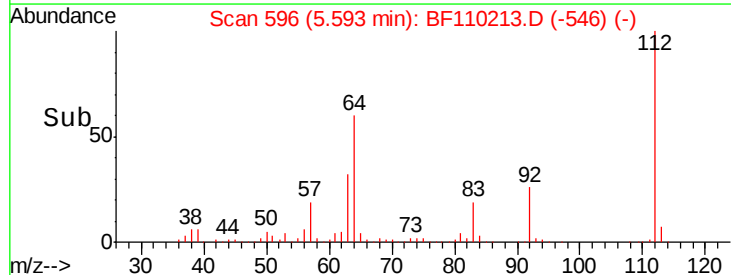
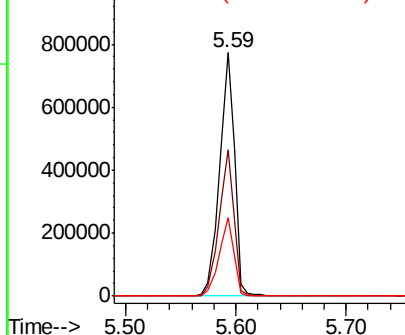


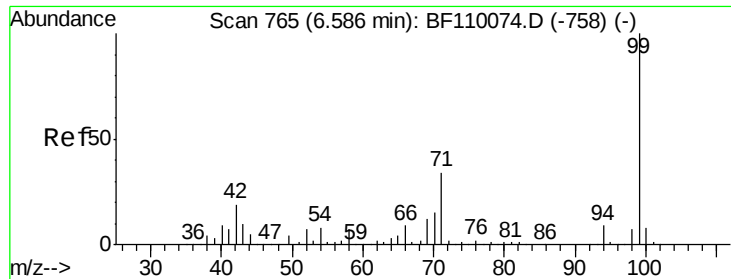
Abundance

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: 98.302 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

Instrument :

BNA_F

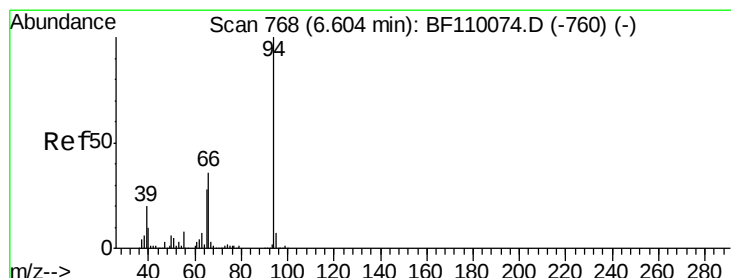
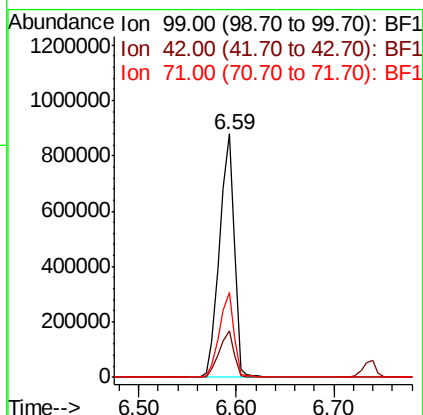
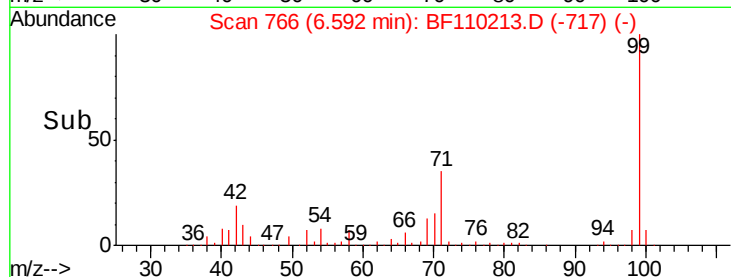
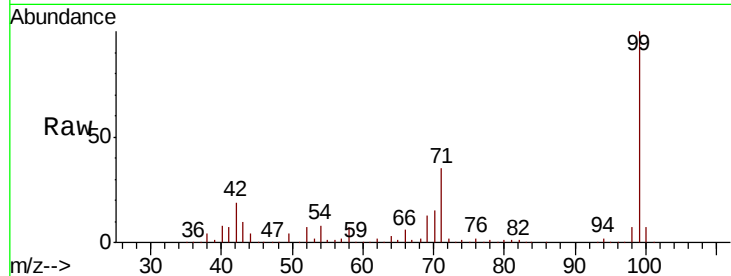
ClientSampled :

PA-SB-03B

Tot Ion:	99	Resp:	931766
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.8	23.6
71	35.0	28.0	42.0

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#10

Phenol

Concen: 12.860 ng

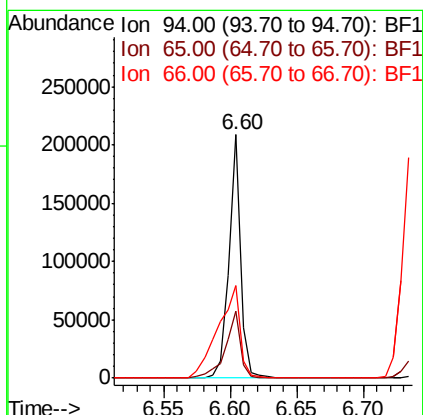
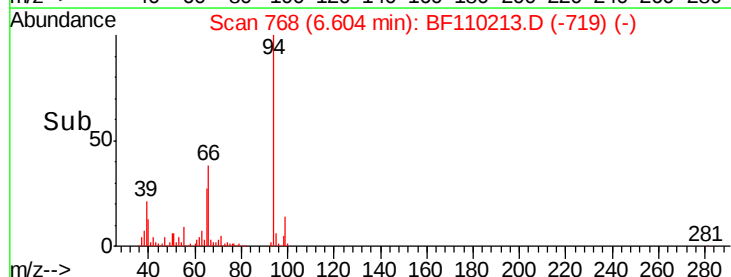
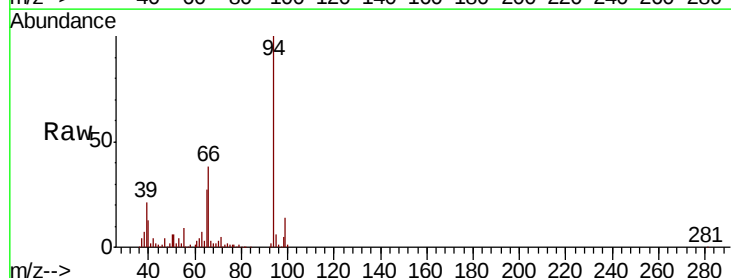
RT: 6.60 min Scan# 768

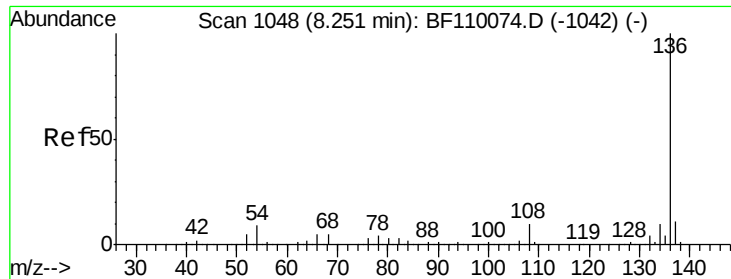
Delta R.T. -0.01 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

Tgt Ion:	94	Resp:	130302
Ion Ratio	Lower	Upper	
94	100		
65	27.5	25.3	65.3
66	37.8	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

Instrument :

BNA_F

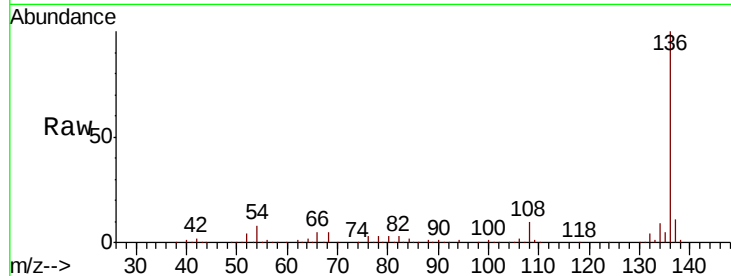
ClientSampleId :

PA-SB-03B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		472053		
137	11.0		8.8	13.2	
54	8.0		5.4	8.2	
68	5.4		4.2	6.2	

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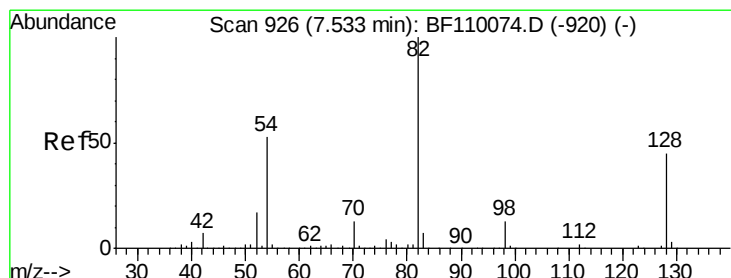
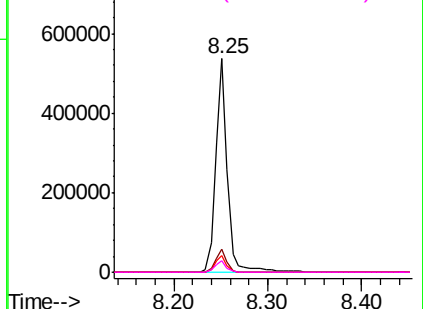
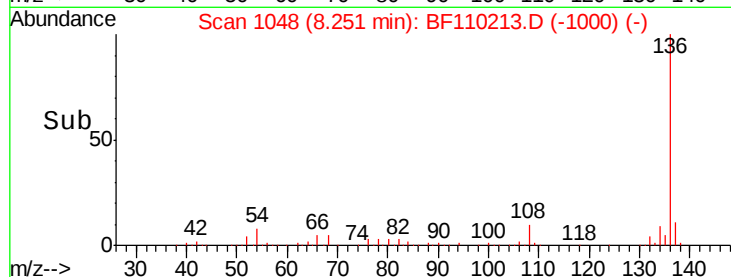


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.139 ng

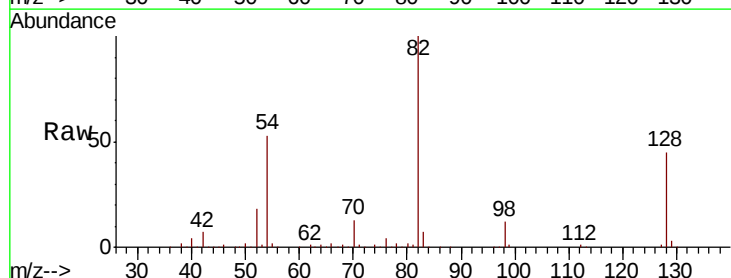
RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

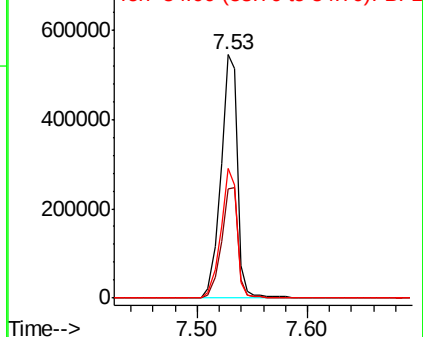
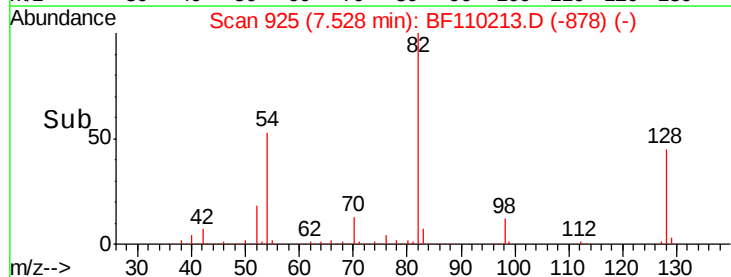
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		574133		
128	44.8		34.2	51.2	
54	53.3		38.6	58.0	

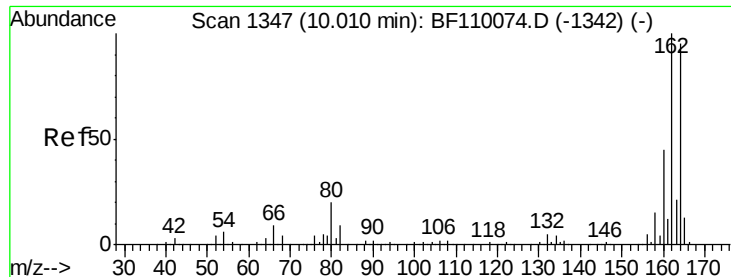


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





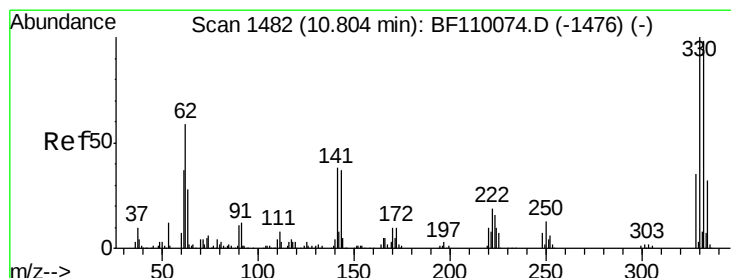
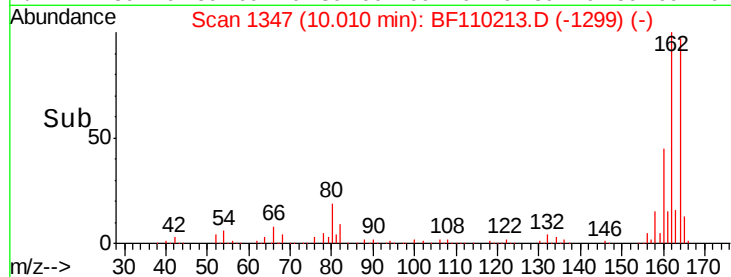
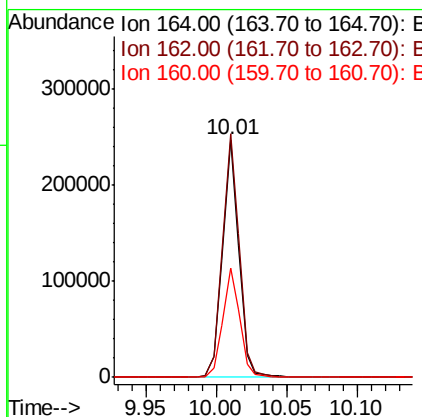
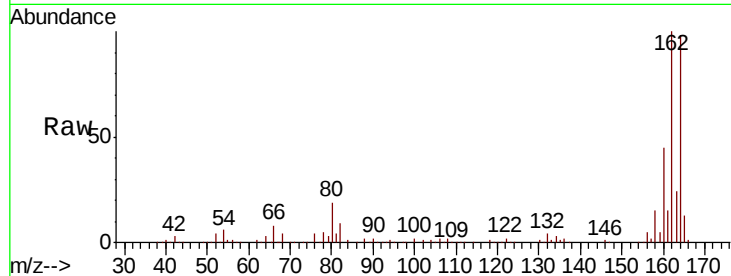
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	199814		
162	102.4	83.0	124.6	
160	46.0	37.0	55.6	

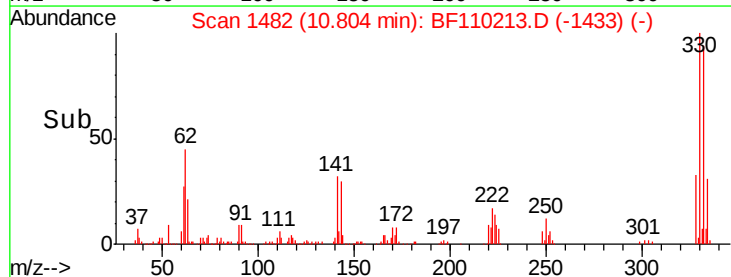
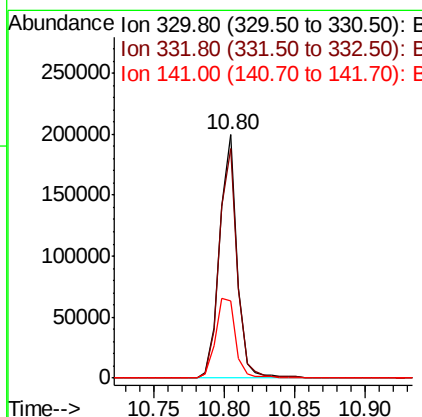
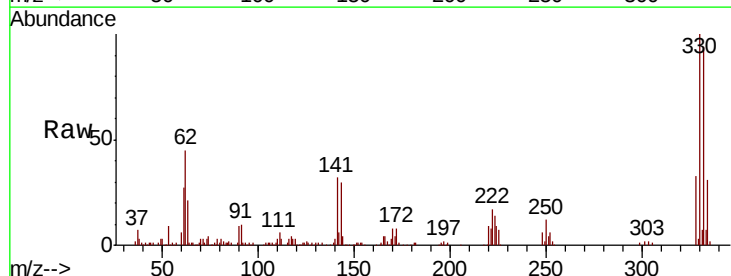
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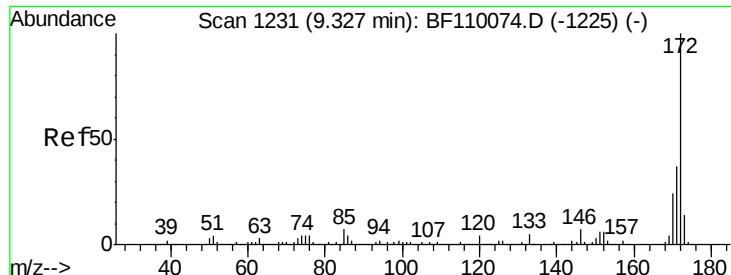
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#42
2,4,6-Tribromophenol
Concen: 87.168 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172530		
332	96.9	77.1	115.7	
141	37.7	27.0	40.4	





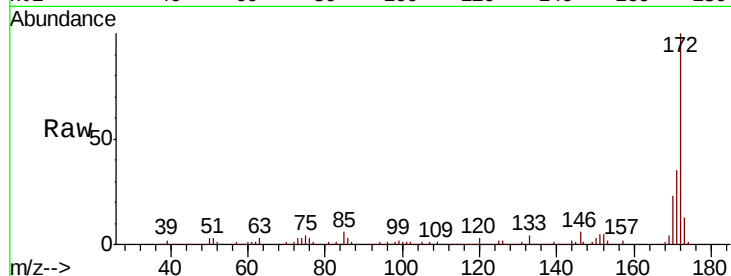
#45
2-Fluorobiphenyl
Concen: 72.211 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	918874		
171	35.1		28.6	43.0
170	23.3		19.7	29.5

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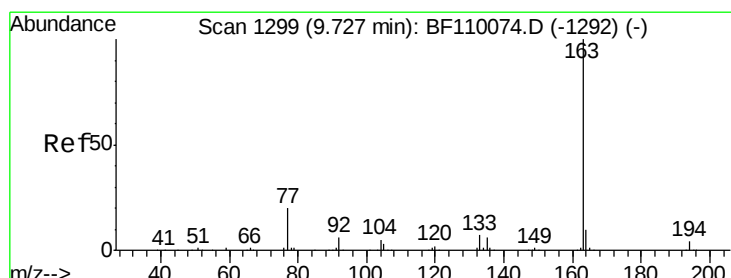
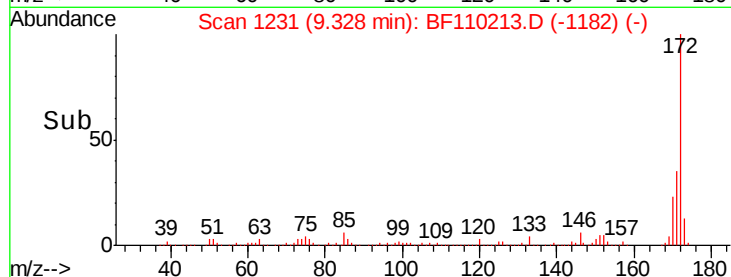
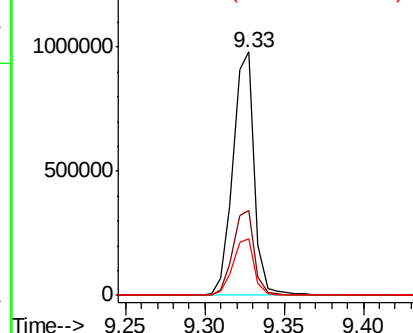


Abundance

Ion 172.00 (171.70 to 172.70): E

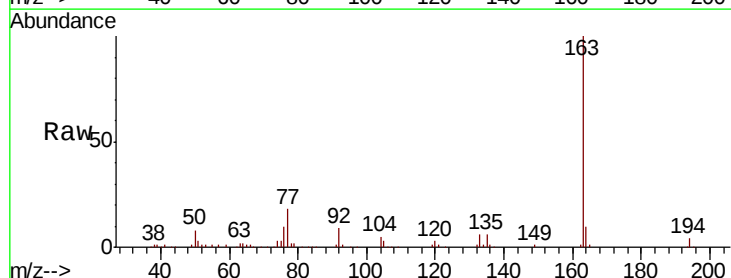
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.681 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	157544		
194	3.6		3.2	4.8
164	9.7		8.1	12.1

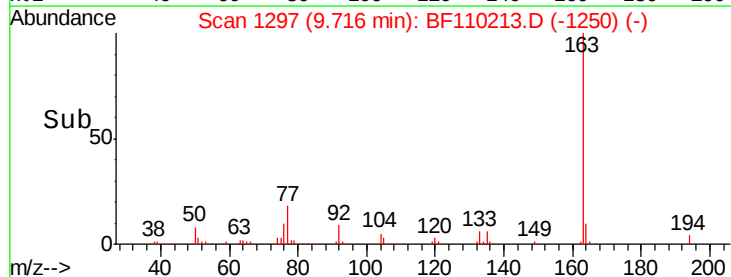
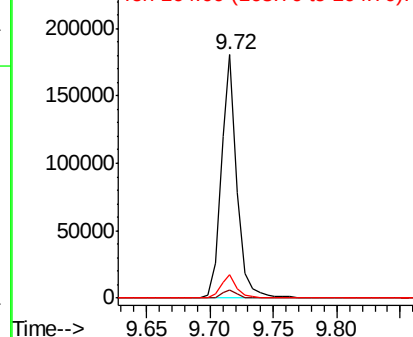


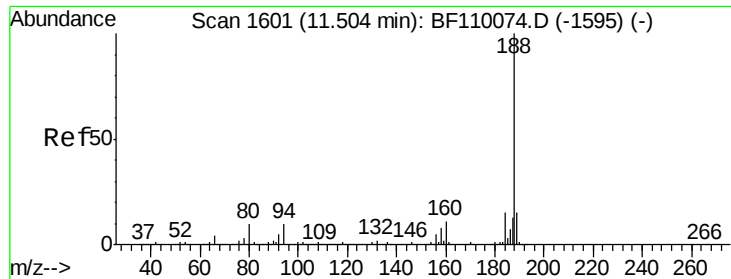
Abundance

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





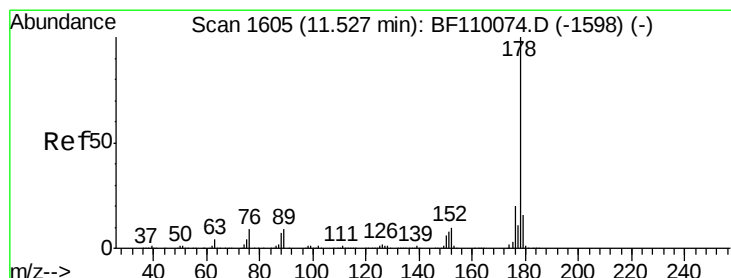
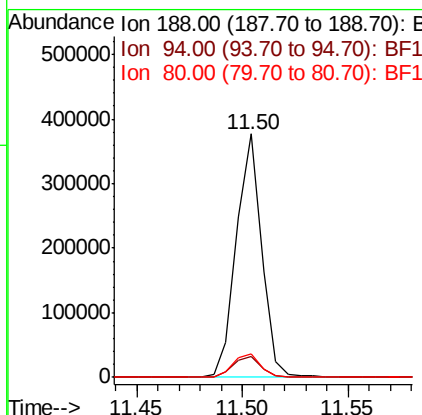
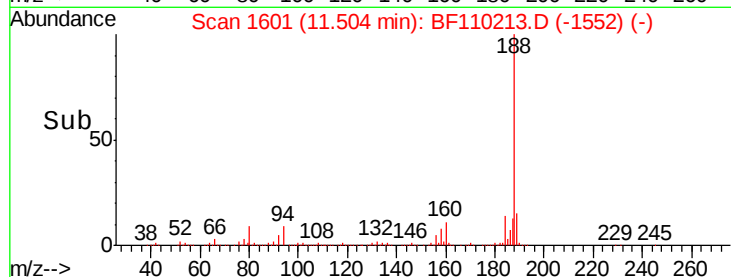
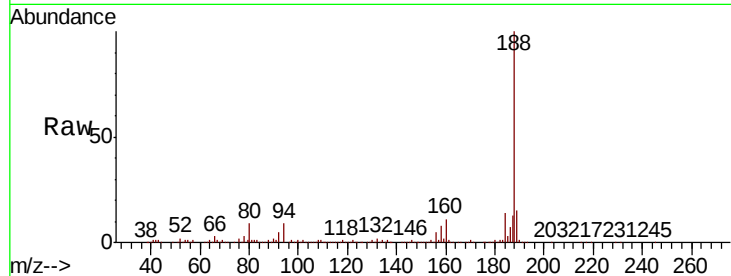
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion:	188	Resp:	310770
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9

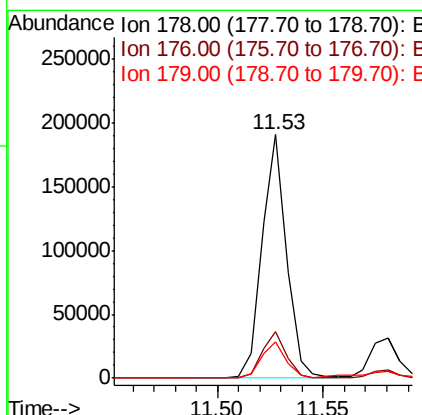
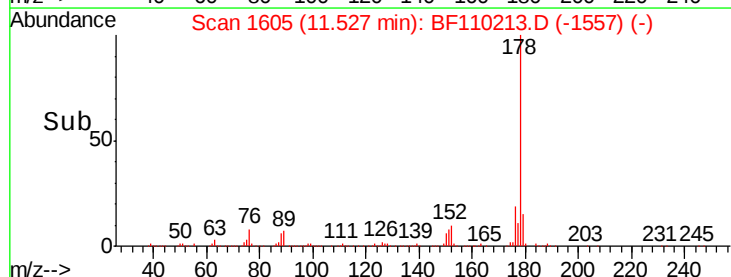
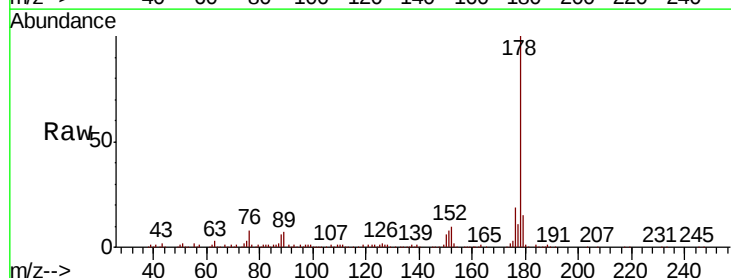
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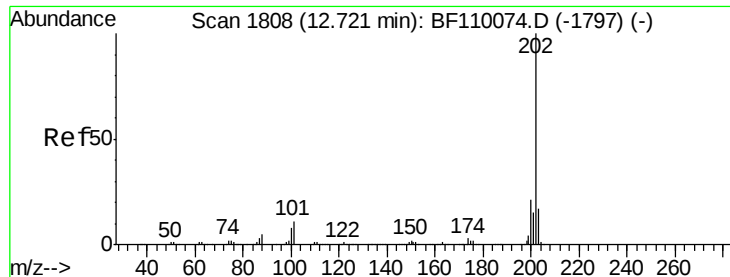
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#71
Phenanthrene
Concen: 9.501 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:	178	Resp:	154495
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	15.1	12.5	18.7





#75

Fluoranthene

Concen: 9.606 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

Instrument :

BNA_F

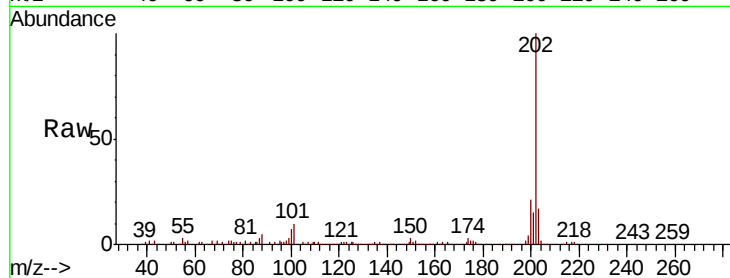
ClientSampleId :

PA-SB-03B

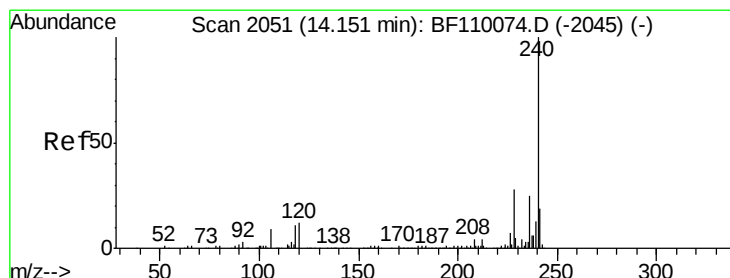
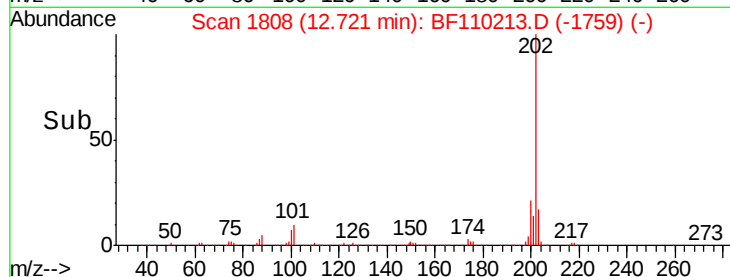
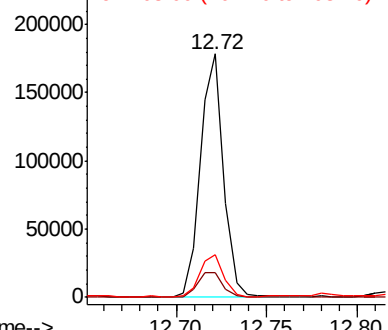
Tot Ion	Ratio	Resp	Lower	Upper
202	100	158523		
101	10.2	0.0	31.4	
203	17.3	0.0	37.7	

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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

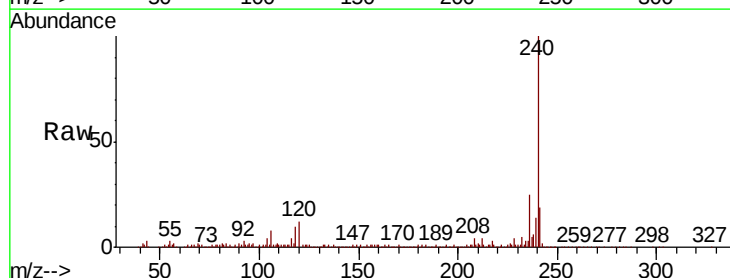
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

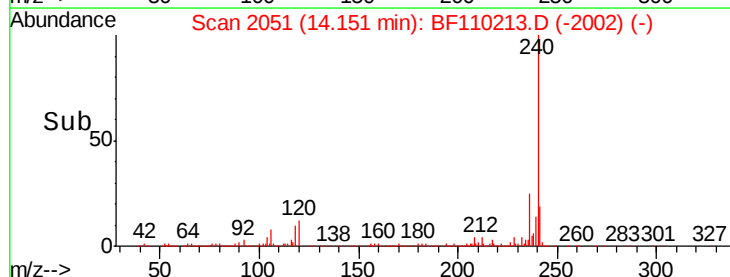
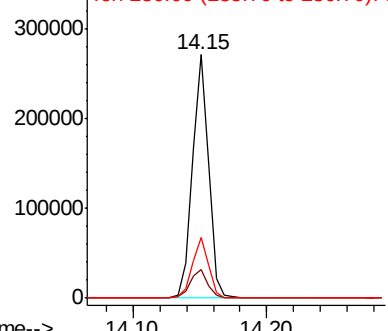
Lab File: BF110213.D

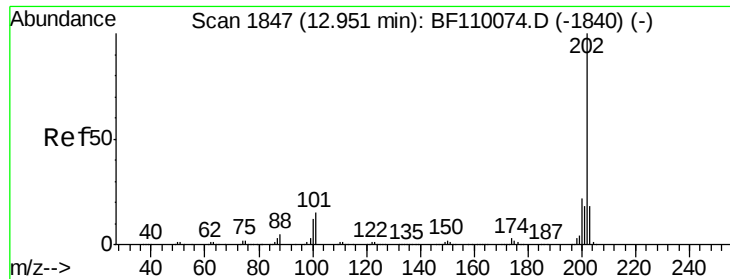
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	232163		
120	11.8	8.3	12.5	
236	25.1	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





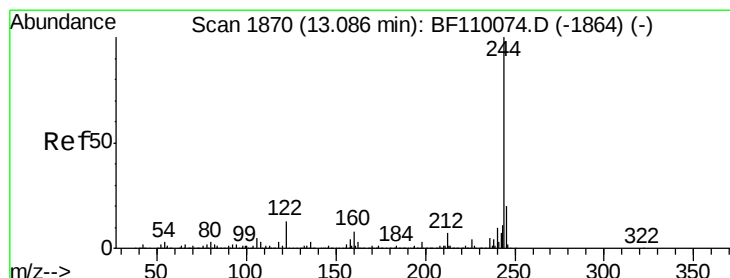
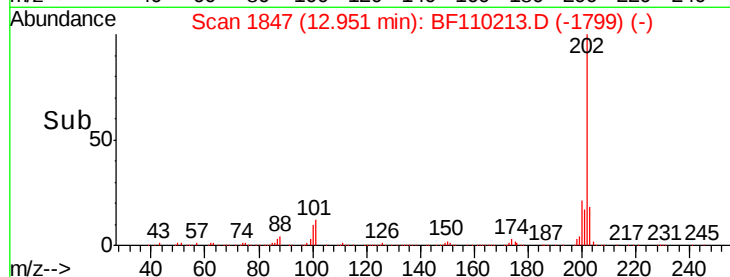
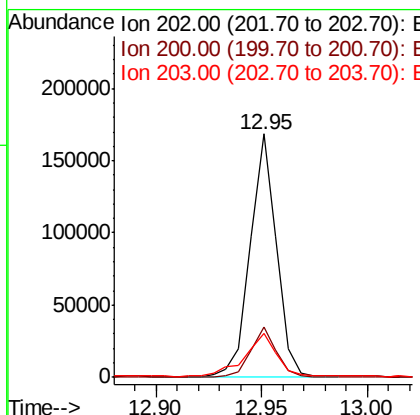
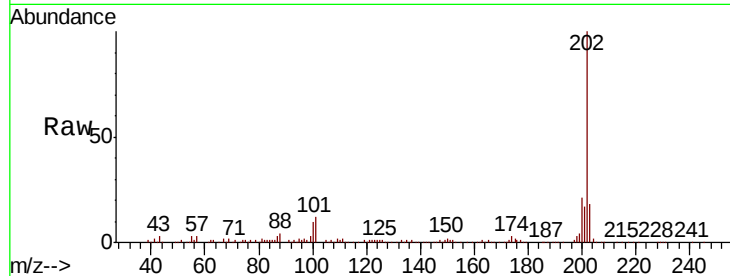
#78
Pvrene
Concen: 8.787 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.9	14.2	21.4

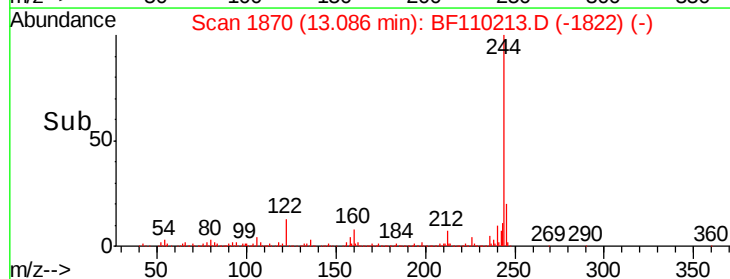
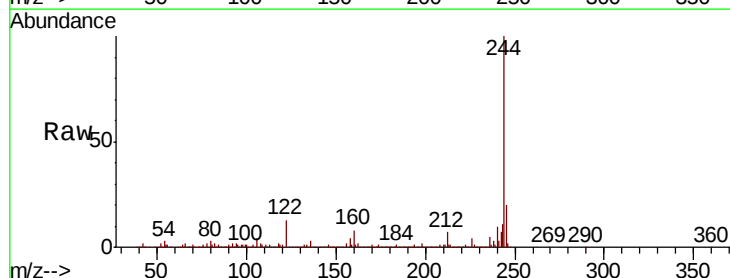
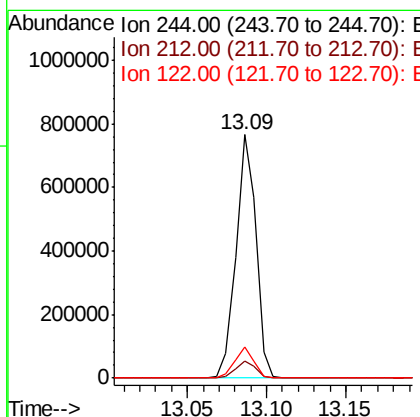
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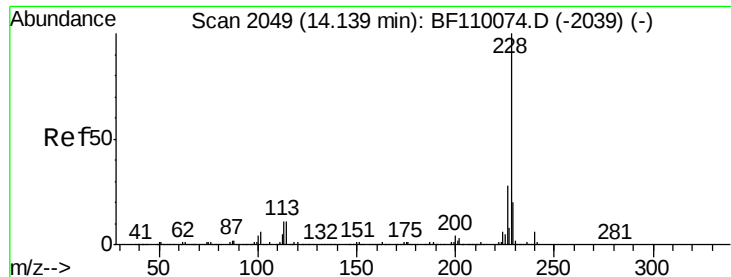
Sohil
10/29/2018 11:56:40 AM



#79
Terphenyl-d14
Concen: 59.919 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.6	8.7	13.1





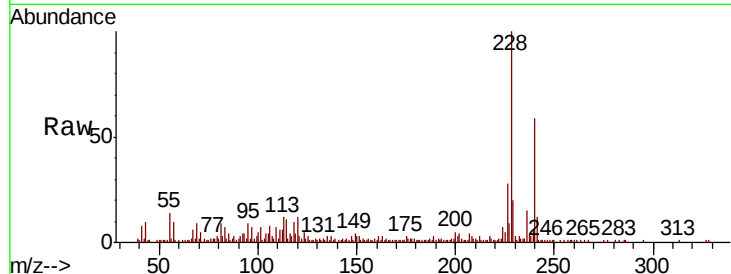
#81
Benzo(a)anthracene
Concen: 4.782 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.5	15.6	23.4

Manual Integrations
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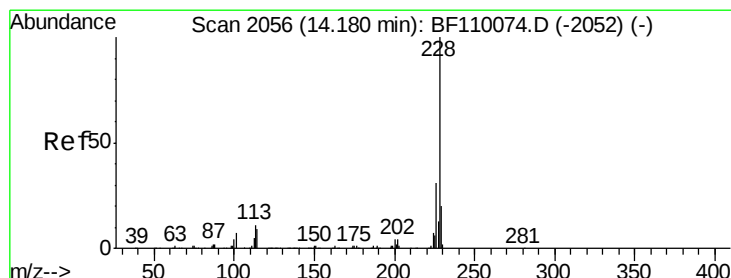
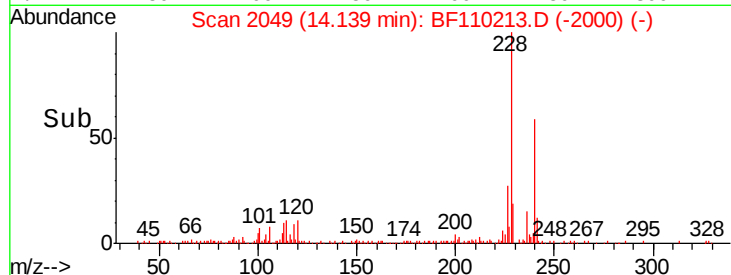
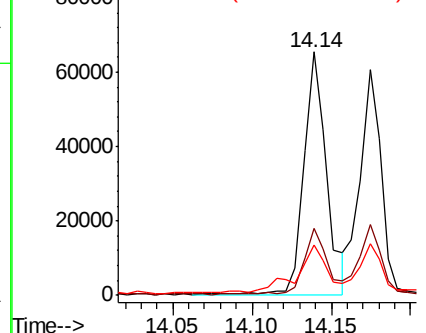


Abundance

Ion 228.00 (227.70 to 228.70): E

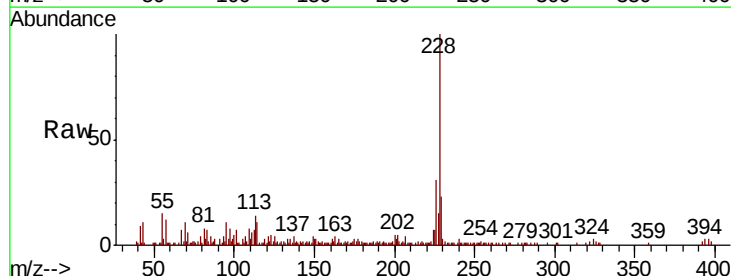
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 4.467 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.0	15.9	23.9

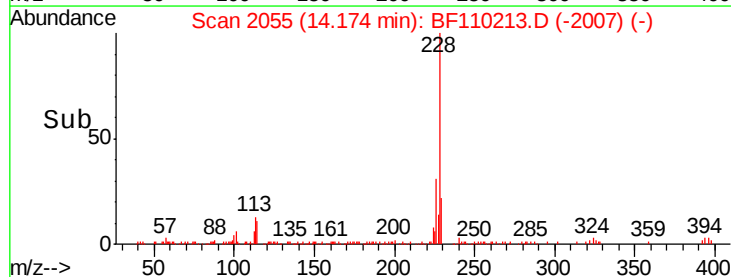
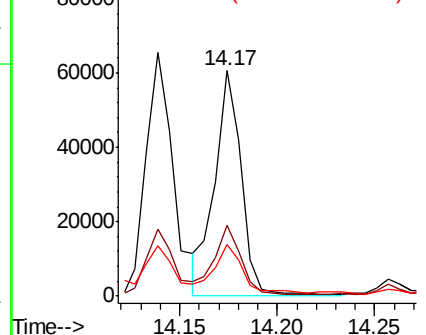


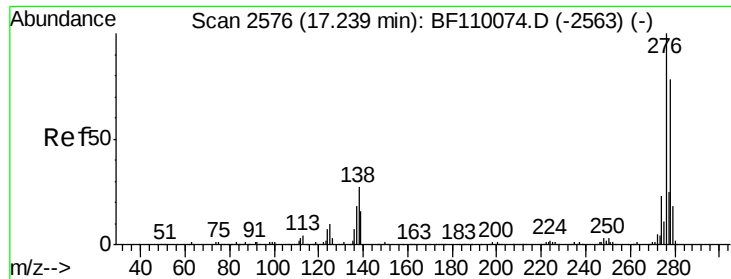
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





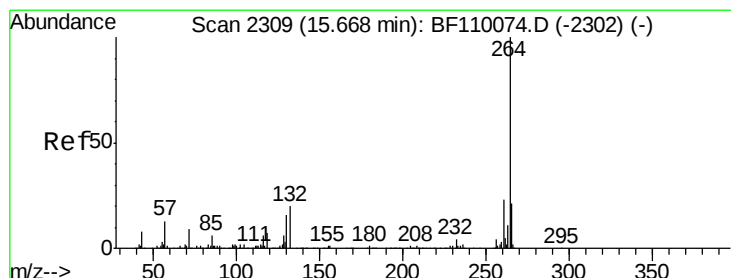
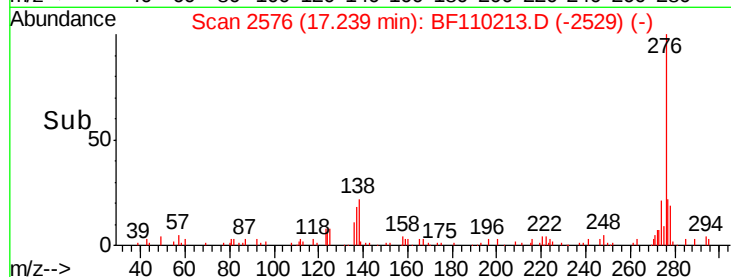
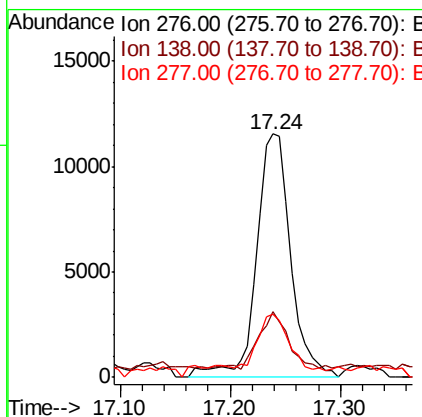
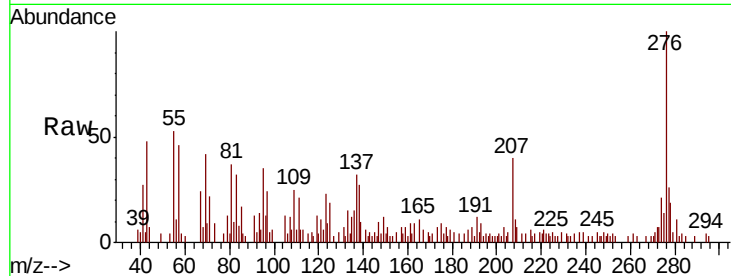
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :
PA-SB-03B

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.5	27.7
277	23.9	20.0	30.0

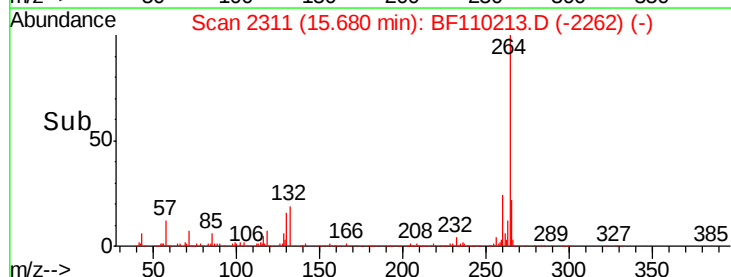
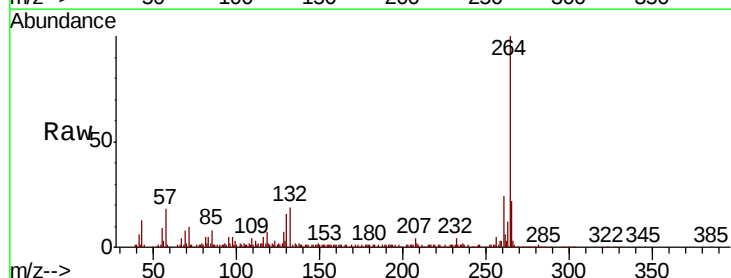
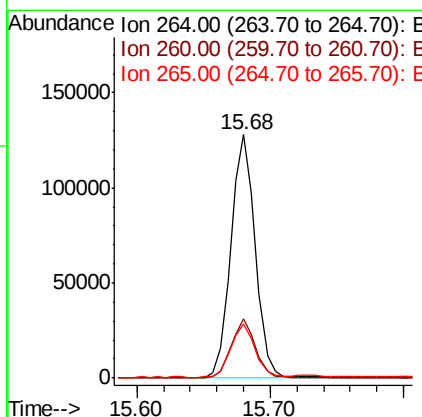
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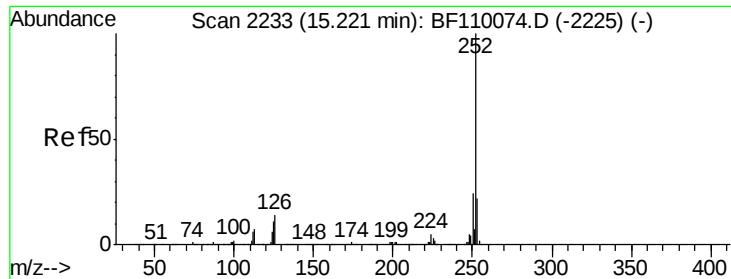
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.1	16.7	25.1





#88

Benzo(b)fluoranthene

Concen: 6.238 ng/mL

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

Instrument :

BNA_F

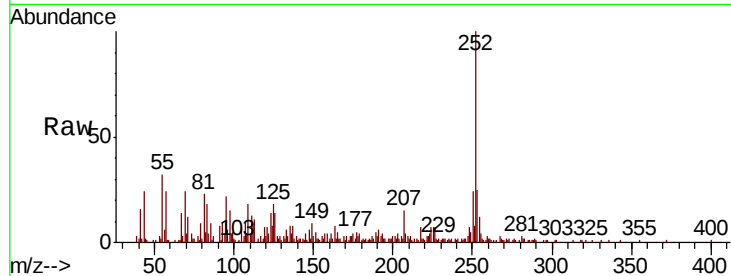
ClientSampleId :

PA-SB-03B

Tot Ion:	252	Resp:	59134
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	17.6	8.2	12.4

Manual Integrations
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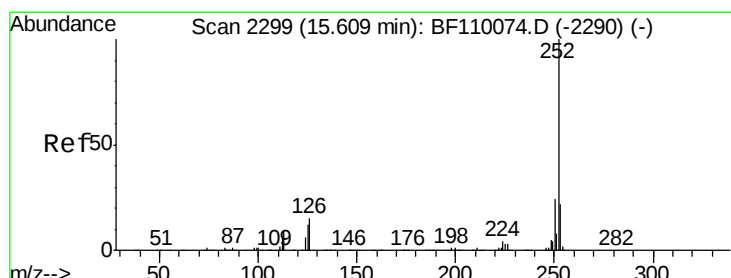
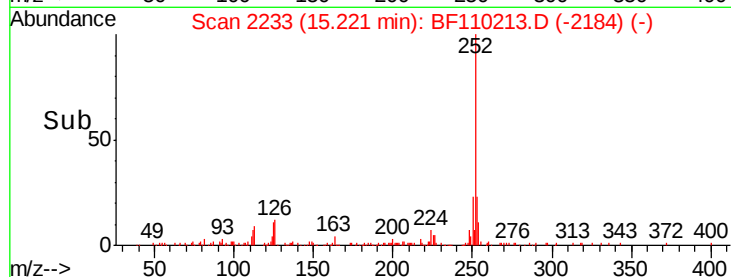
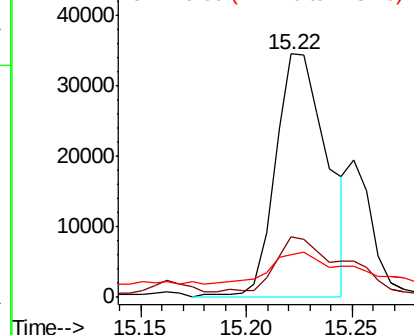


Abundance

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: 4.144 ng/mL

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110213.D

Acq: 26 Oct 2018 16:50

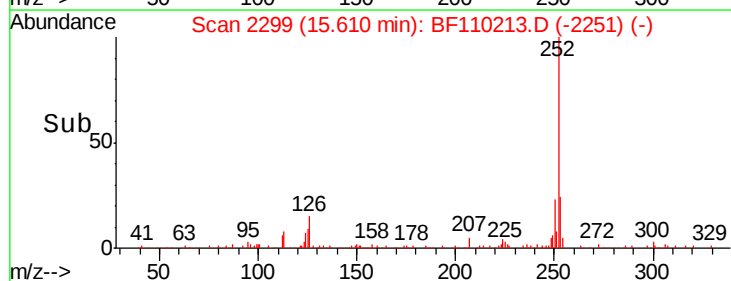
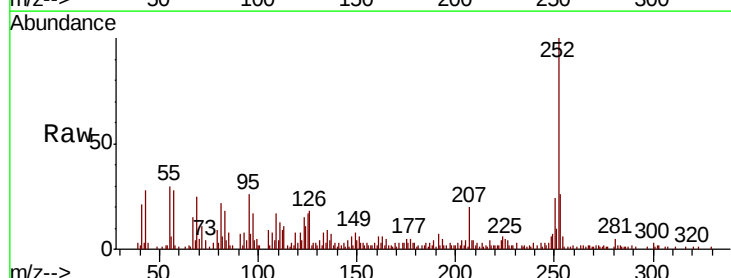
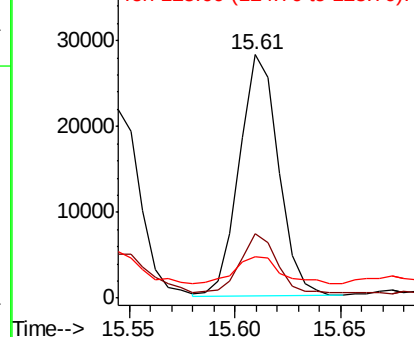
Tgt Ion:	252	Resp:	36153
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.2	27.4
125	17.2	9.0	13.6

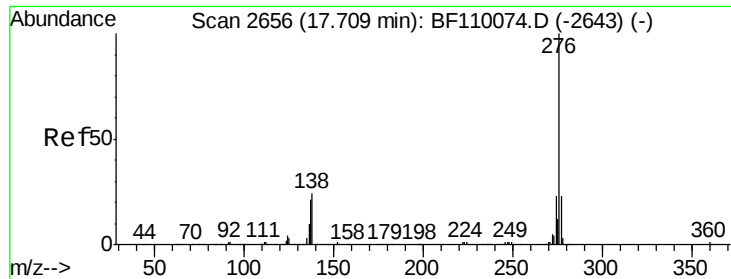
Abundance

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: 2.976 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110213.D
 Acq: 26 Oct 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-03B

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	26.8	16.0	24.0

Manual Integrations
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Sohil
 10/29/2018 11:56:40 AM

