

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110211.D
 Acq On : 26 Oct 2018 15:56
 Operator : JU/SJ
 Sample : J5621-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-SB-01A

Manual Integrations
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Sohil
 10/29/2018 11:56:39 AM

Quant Time: Oct 26 23:55:18 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	122447	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	480401	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198799	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	310258	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	226223	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	748590	99.56	ng	0.00
7) Phenol-d6	6.59	99	969611	100.82	ng	-0.01
23) Nitrobenzene-d5	7.53	82	600287	74.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	167829	85.23	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	928922	73.37	ng	-0.01
79) Terphenyl-d14	13.09	244	641235	58.95	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	136604	13.288	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	151162	10.301	ng	99
71) Phenanthrene	11.53	178	36701	2.261	ng	99
75) Fluoranthene	12.72	202	61624	3.740	ng	97
78) Pyrene	12.95	202	58524	3.609	ng	98
81) Benzo(a)anthracene	14.14	228	27862	2.077	ng	91
83) Chrysene	14.17	228	37427	2.937	ng	96
88) Benzo(b)fluoranthene	15.22	252	38518m	4.166	ng	
90) Benzo(a)pyrene	15.61	252	19619	2.306	ng	# 85

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

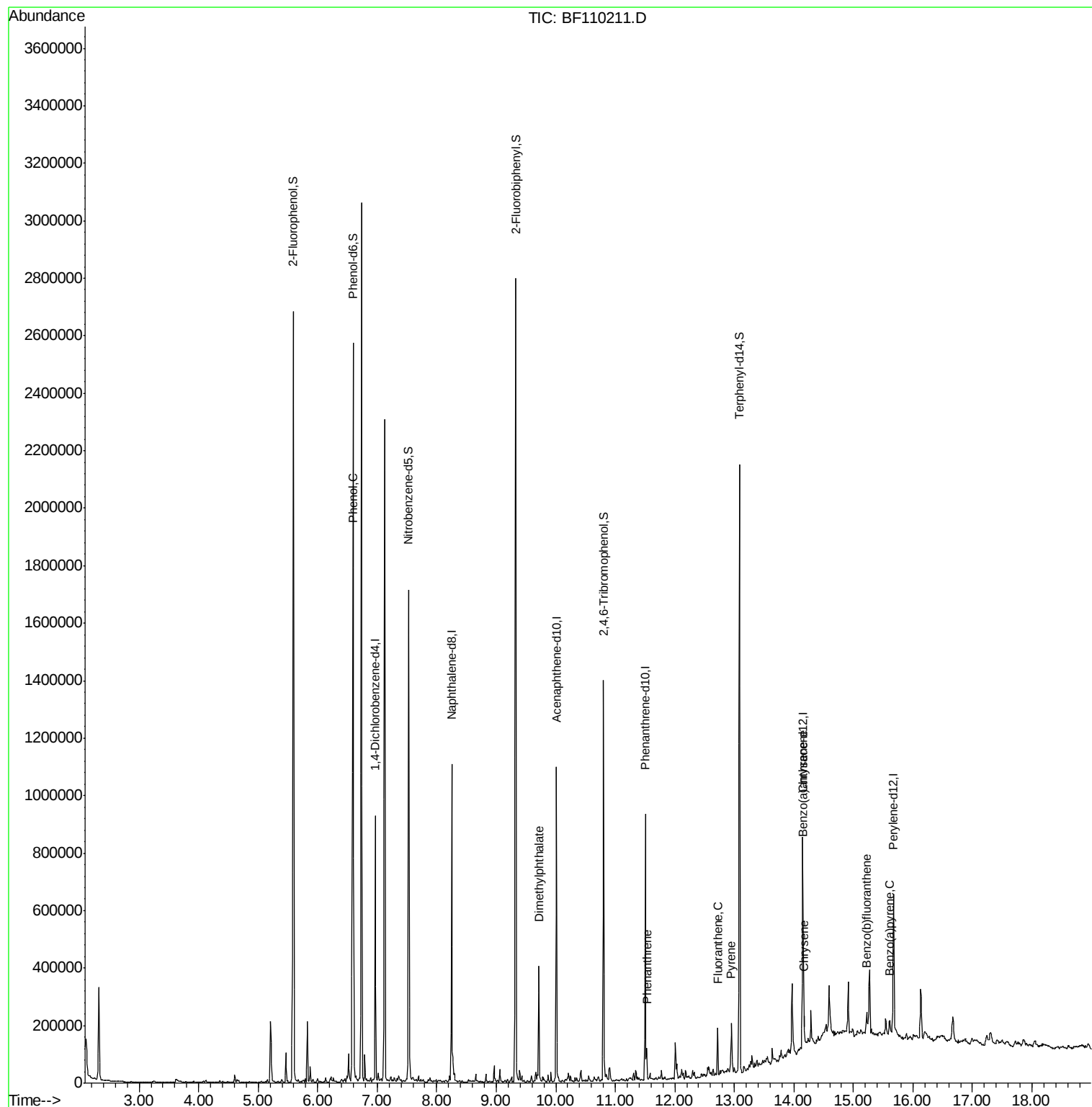
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110211.D
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Operator : JU/SJ
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

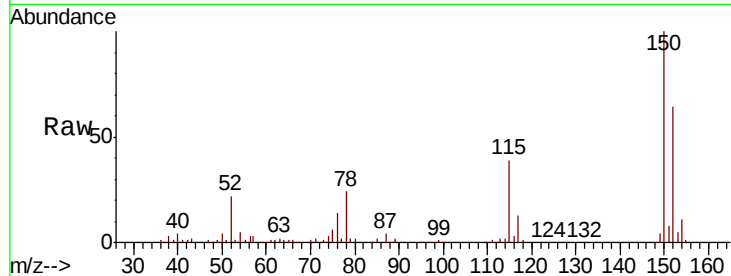
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.0	49.1	73.7

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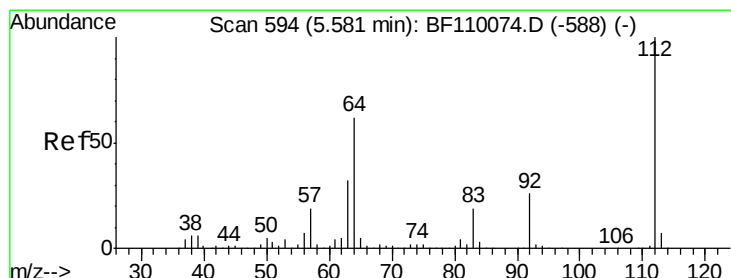
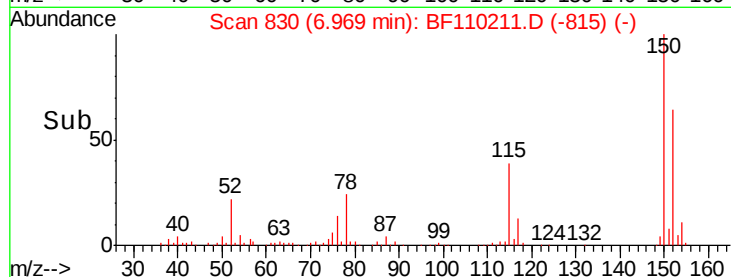
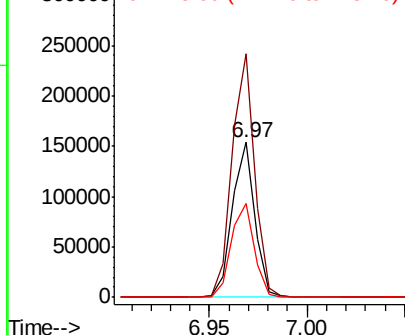


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

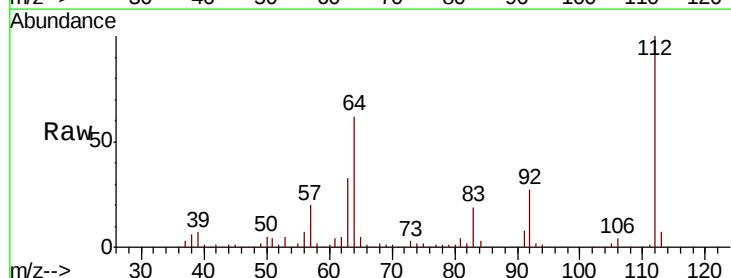
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.557 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	33.1	23.7	35.5

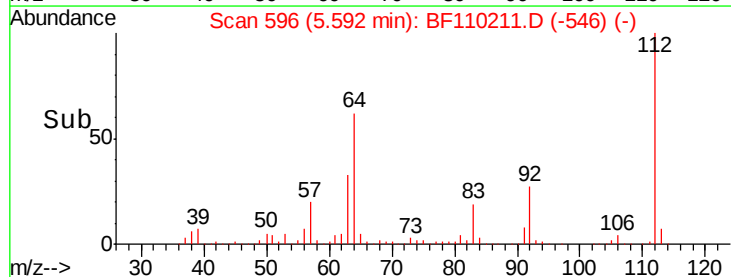
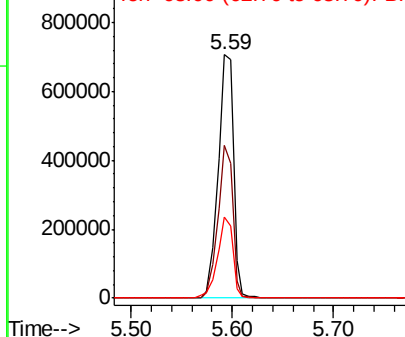


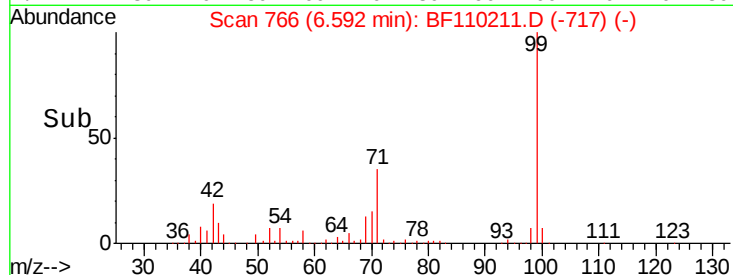
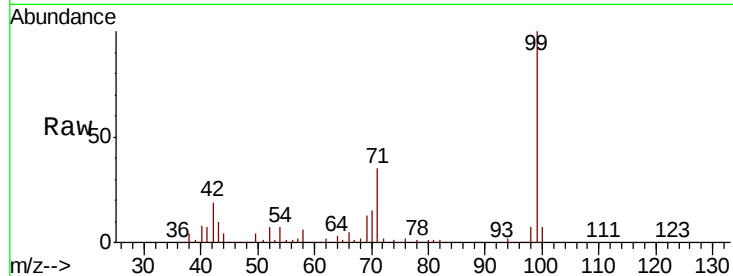
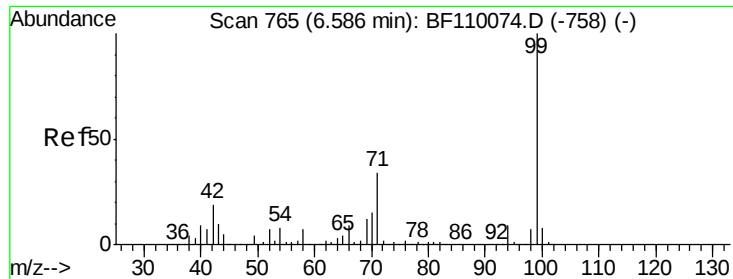
Abundance

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: 100.816 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110211.D

Acq: 26 Oct 2018 15:56

Tot Ion:	99	Resp:	969611
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	34.8	28.0	42.0

Instrument :

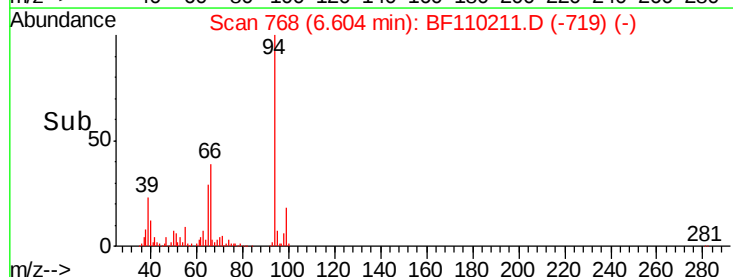
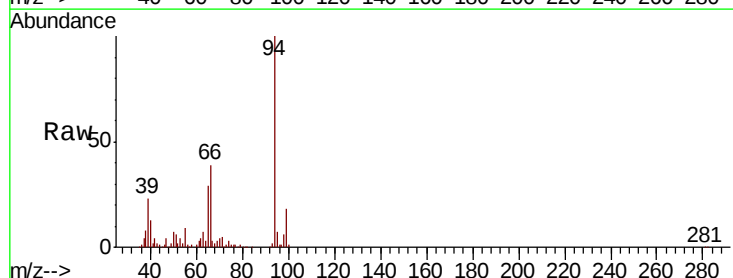
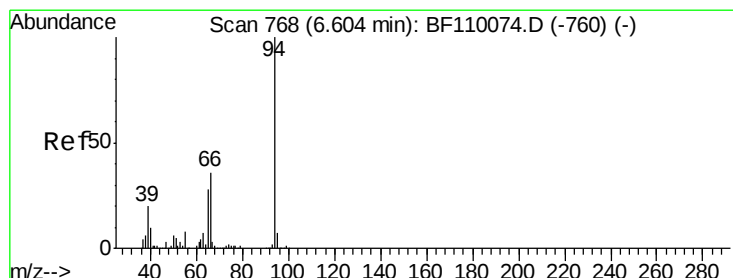
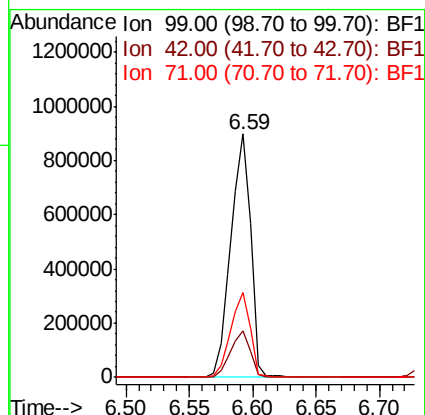
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#10

Phenol

Concen: 13.288 ng

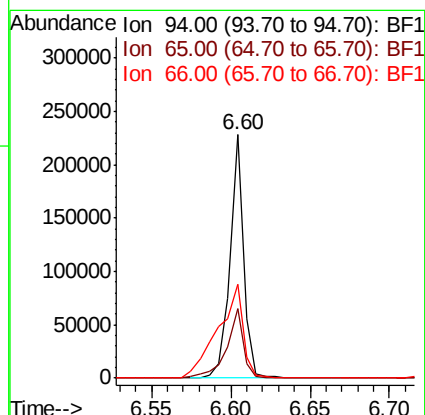
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110211.D

Acq: 26 Oct 2018 15:56

Tgt Ion:	94	Resp:	136604
Ion Ratio	Lower	Upper	
94	100		
65	28.8	25.3	65.3
66	38.8	54.5	94.5#





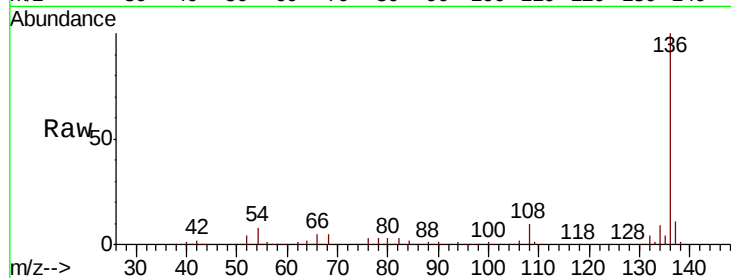
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

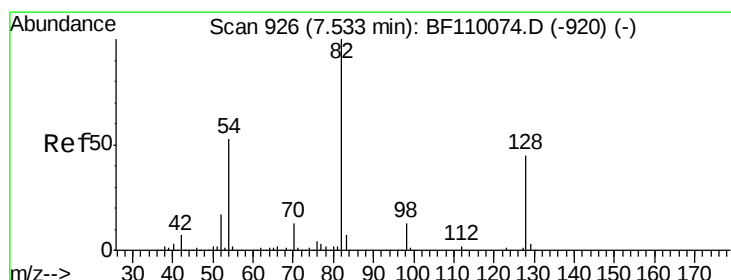
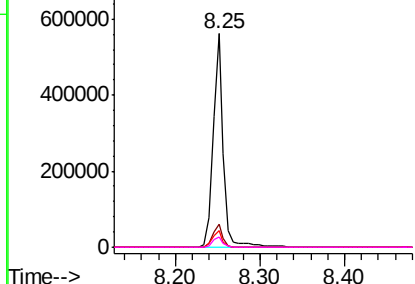
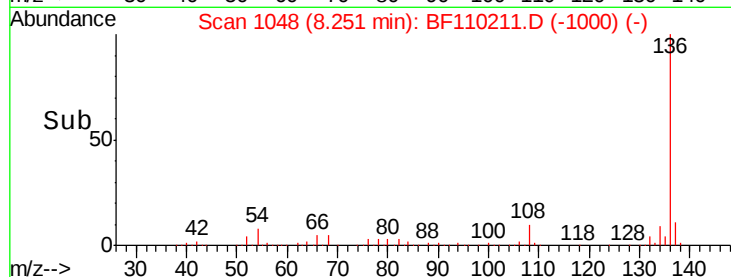
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		480401		
137	11.1		8.8	13.2	
54	7.5		5.4	8.2	
68	5.0		4.2	6.2	

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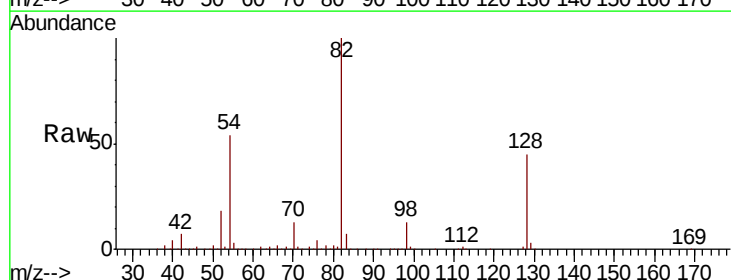


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

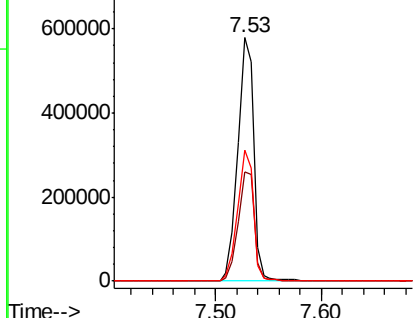
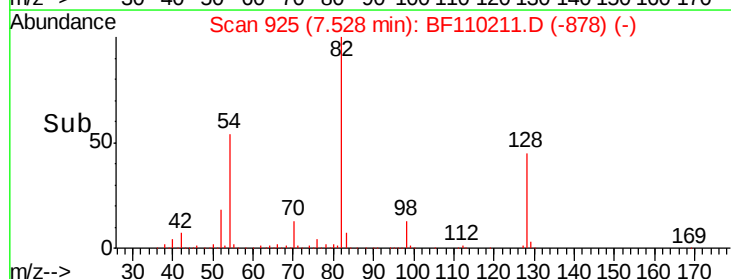


#23
Nitrobenzene-d5
Concen: 74.115 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		600287		
128	44.6		34.2	51.2	
54	53.6		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





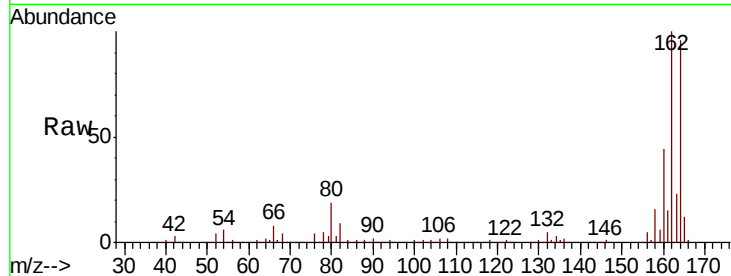
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

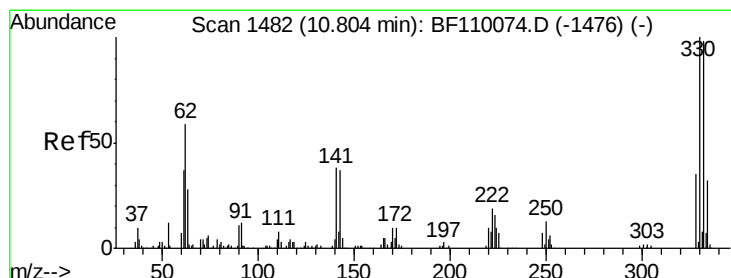
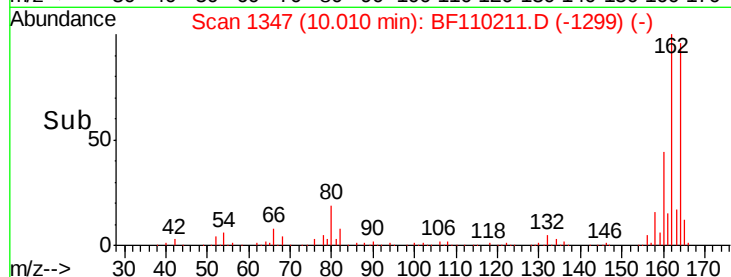
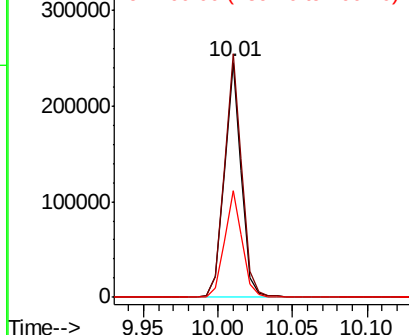
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.3	37.0	55.6

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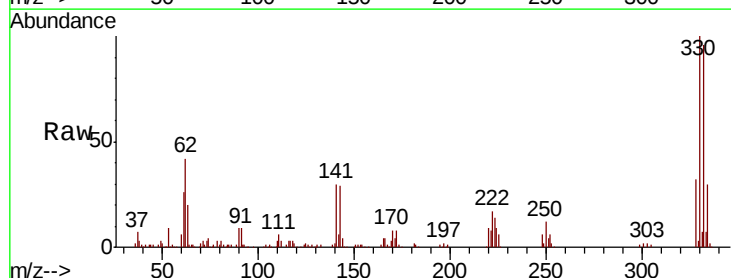


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

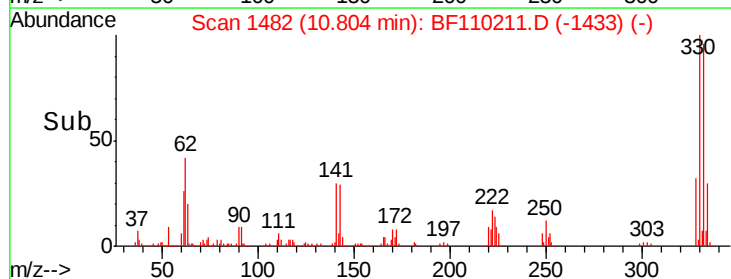
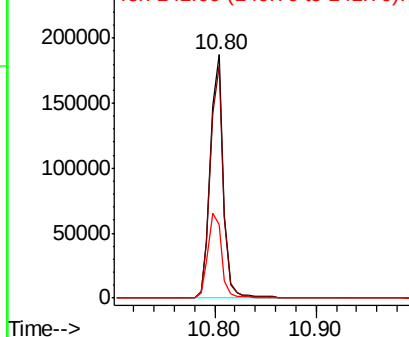


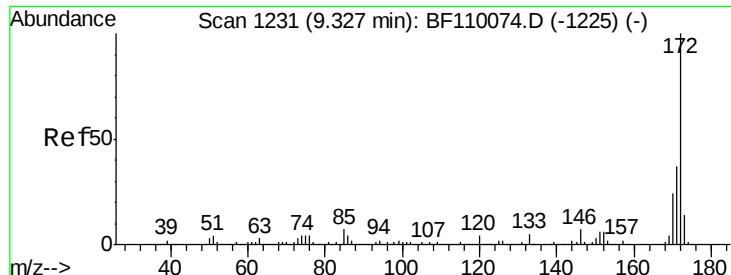
#42
2,4,6-Tribromophenol
Concen: 85.225 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.3	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





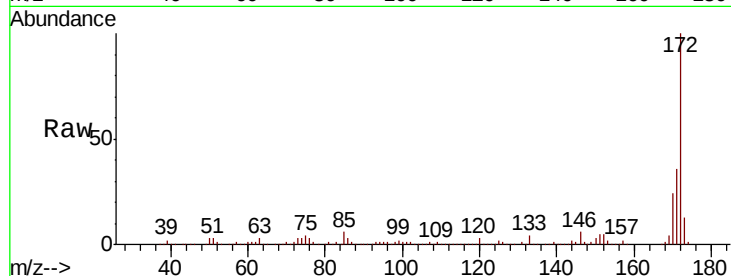
#45
2-Fluorobiphenyl
Concen: 73.373 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	19.7	29.5

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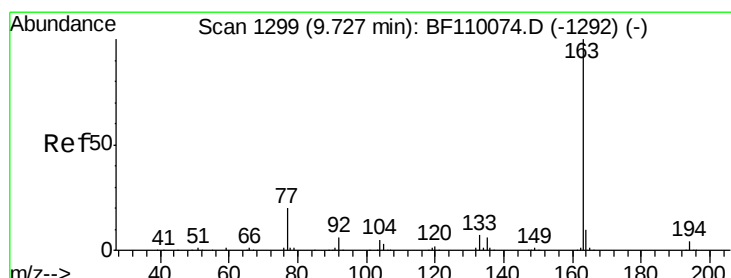
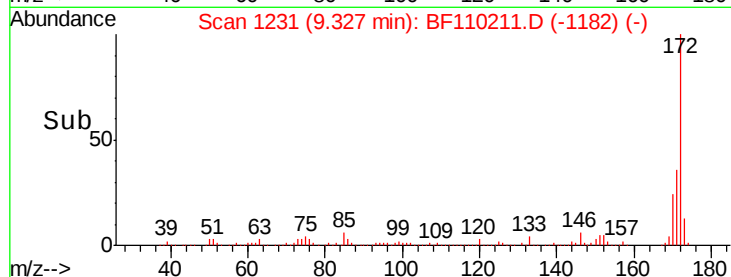
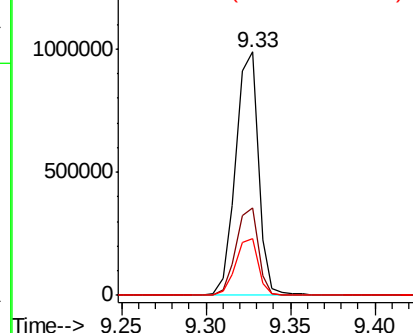


Abundance

Ion 172.00 (171.70 to 172.70): E

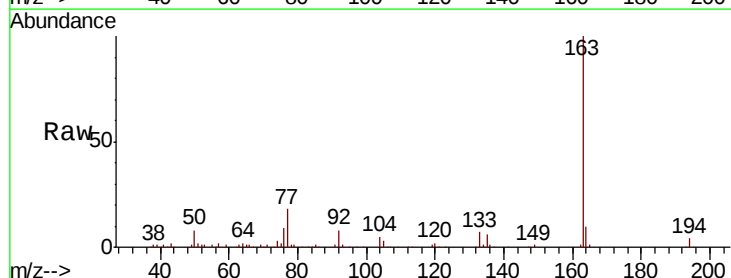
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.301 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

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

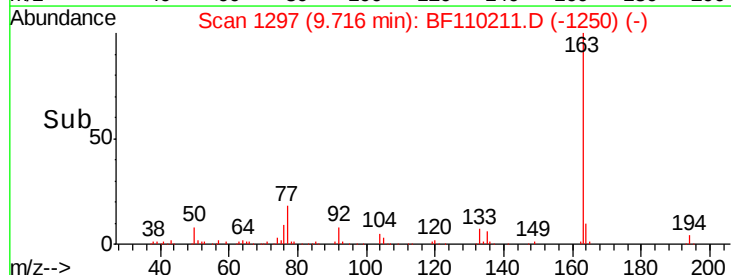
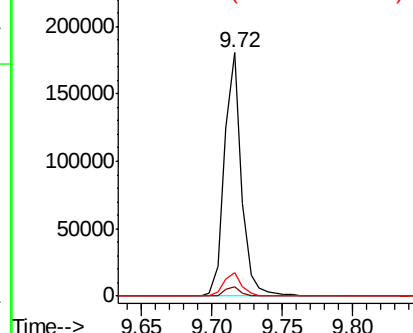


Abundance

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





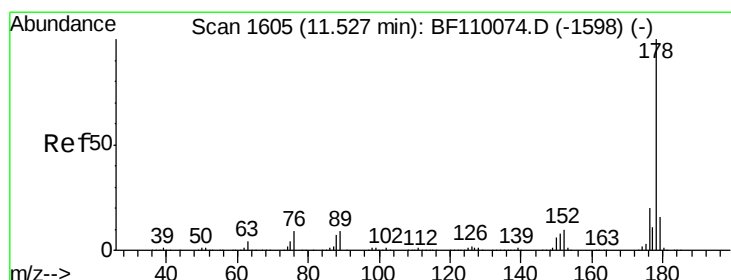
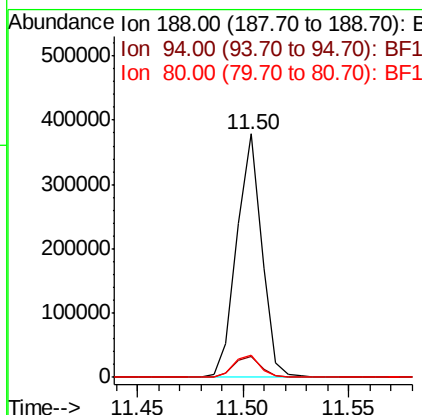
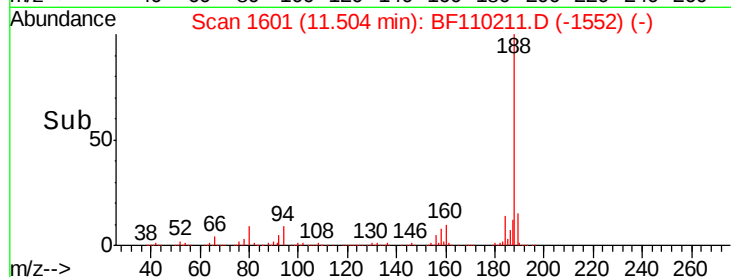
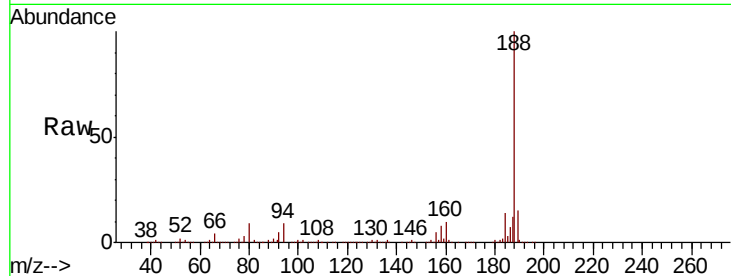
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.0	7.9	11.9

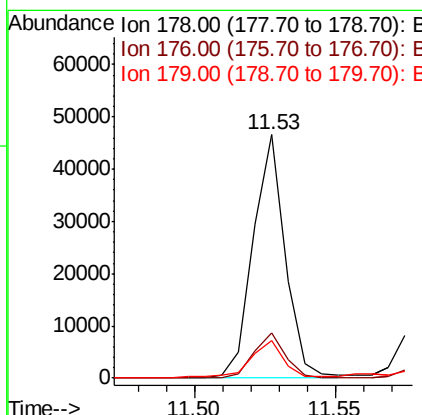
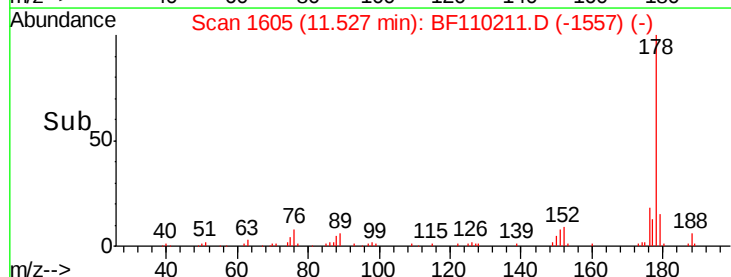
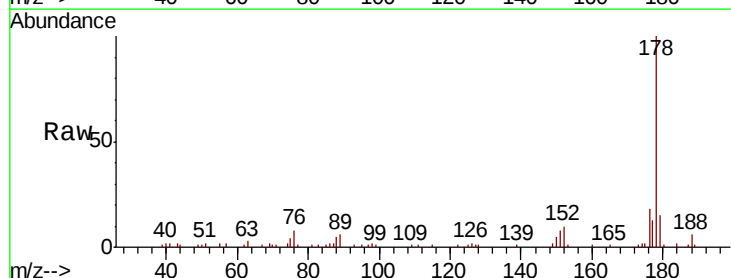
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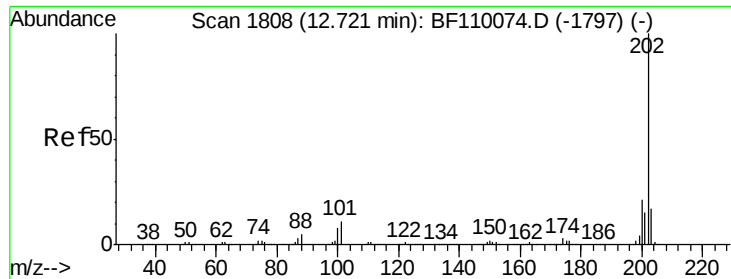
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#71
Phenanthrene
Concen: 2.261 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.4	12.5	18.7





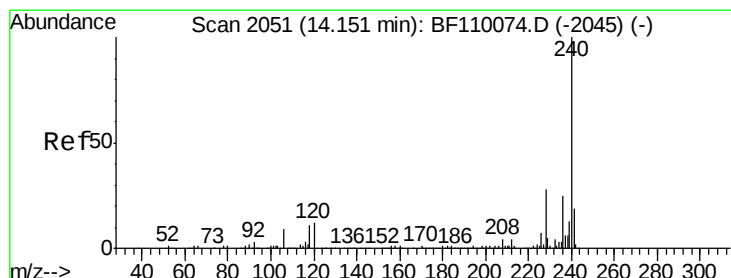
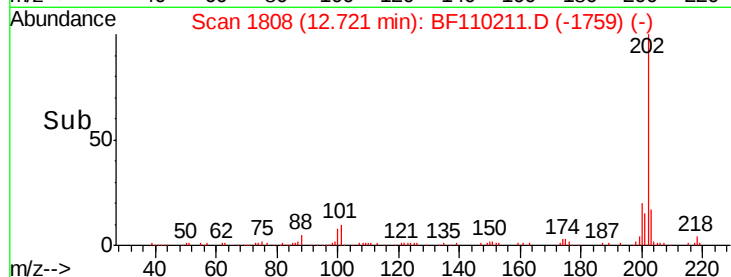
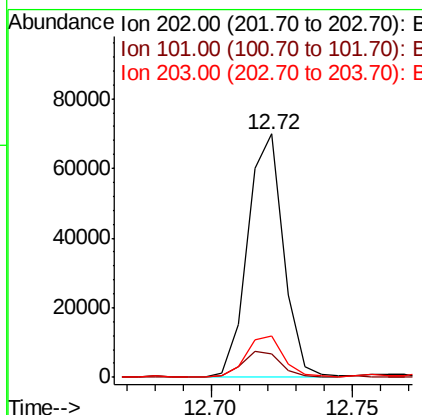
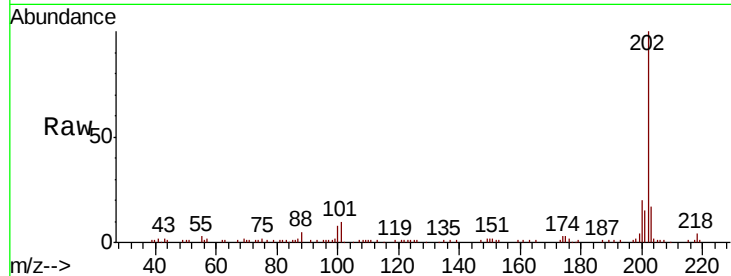
#75
Fluoranthene
Concen: 3.740 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		61624		
101	9.9	0.0	31.4		
203	16.9	0.0	37.7		

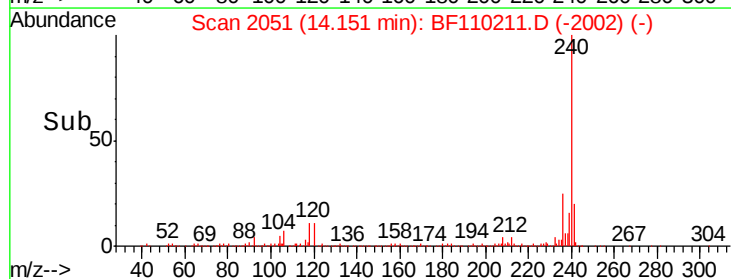
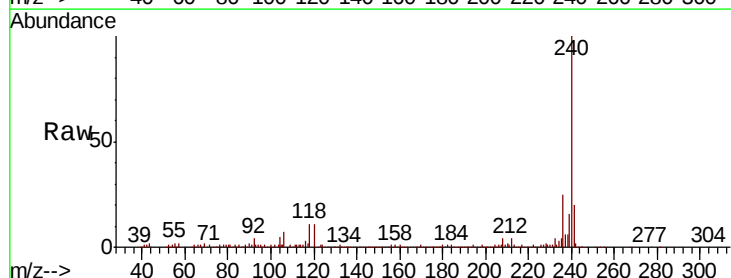
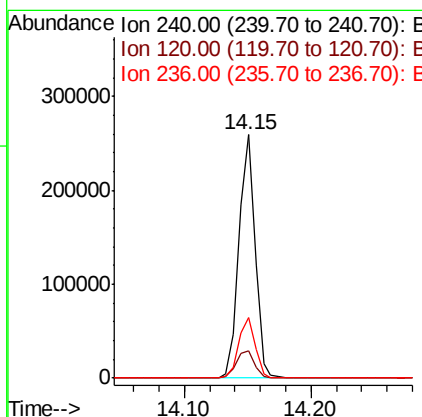
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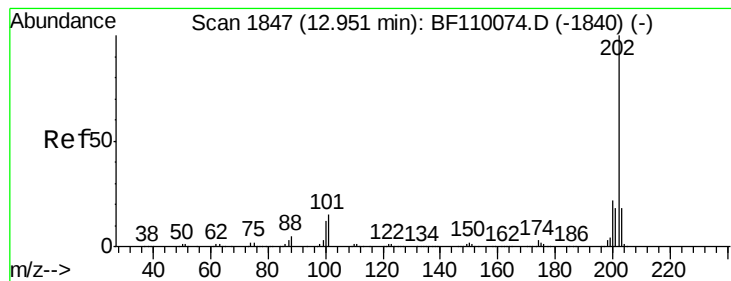
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		226223		
120	11.0	8.3	12.5		
236	24.9	21.2	31.8		





#78

Pvrene

Concen: 3.609 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110211.D

Acq: 26 Oct 2018 15:56

Instrument :

BNA_F

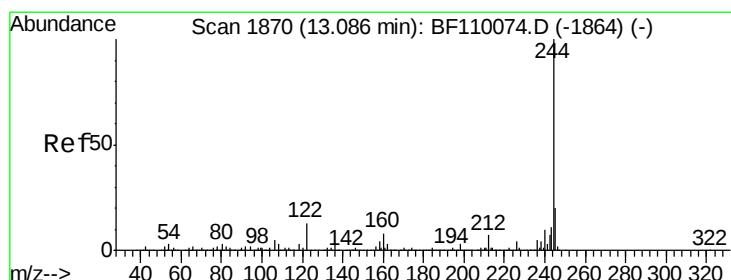
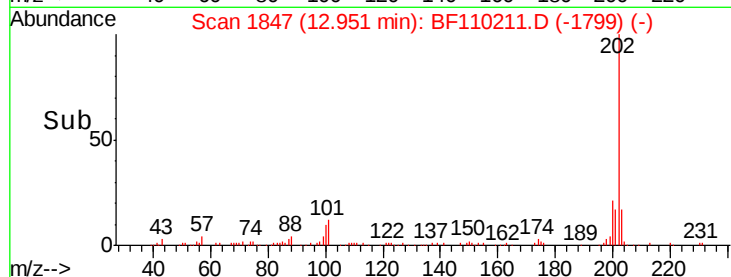
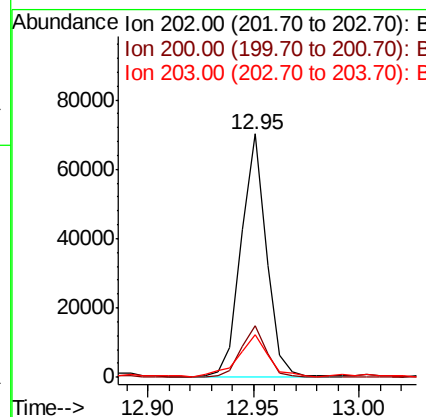
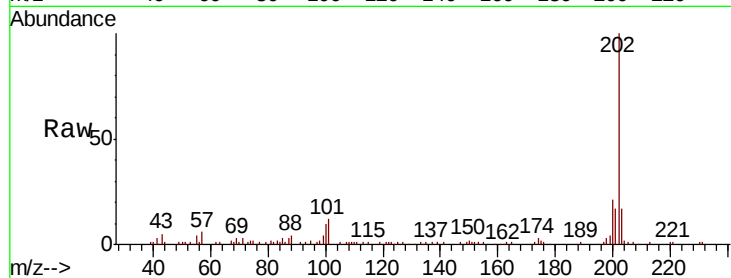
ClientSampleId :

SA-SB-01A

Tot Ion:	202	Resp:	58524
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.5	14.2	21.4

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#79

Terphenyl-d14

Concen: 58.950 ng

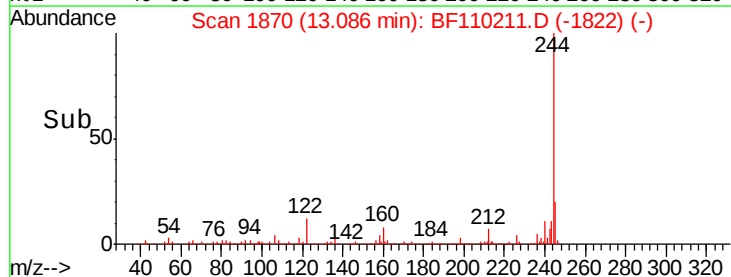
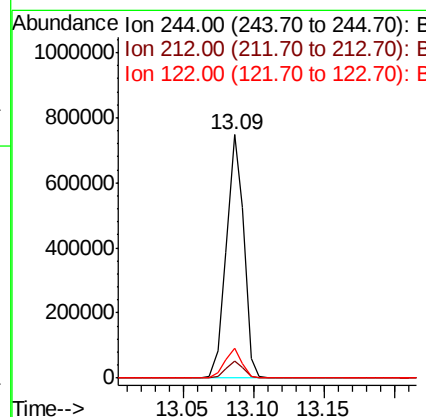
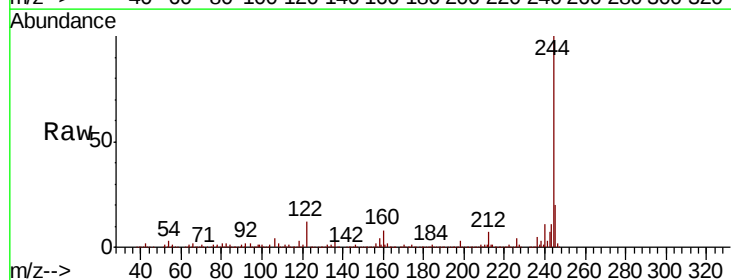
RT: 13.09 min Scan# 1870

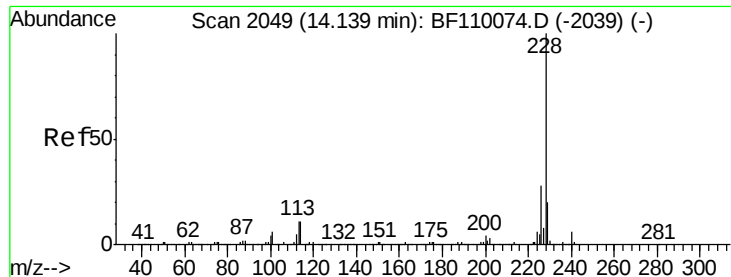
Delta R.T. -0.02 min

Lab File: BF110211.D

Acq: 26 Oct 2018 15:56

Tgt Ion:	244	Resp:	641235
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.5	8.7	13.1





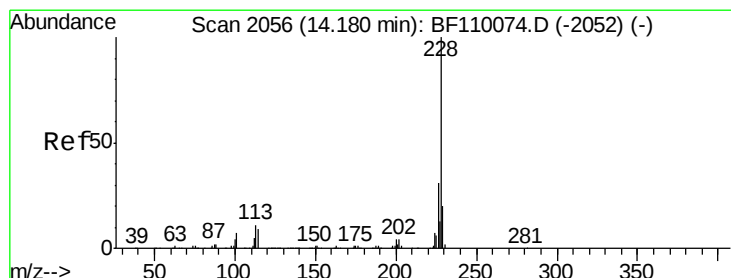
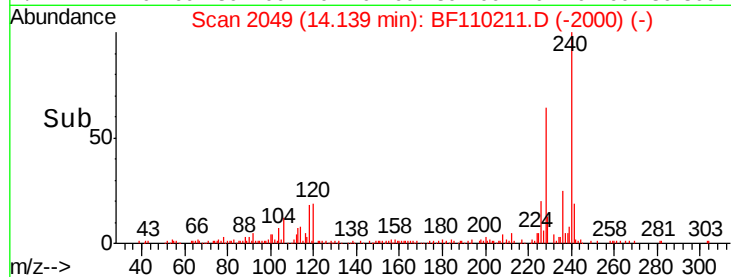
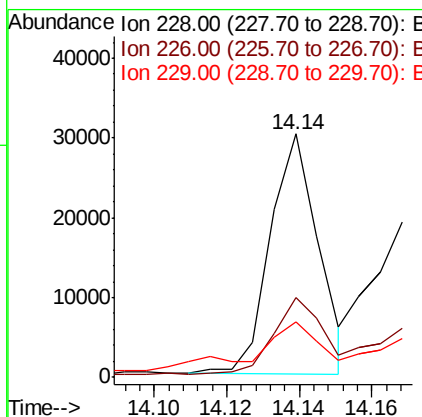
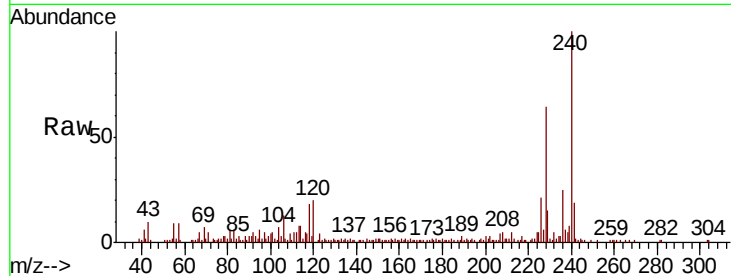
#81
Benzo(a)anthracene
Concen: 2.077 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SA-SB-01A

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.1	33.1
229	22.5	15.6	23.4

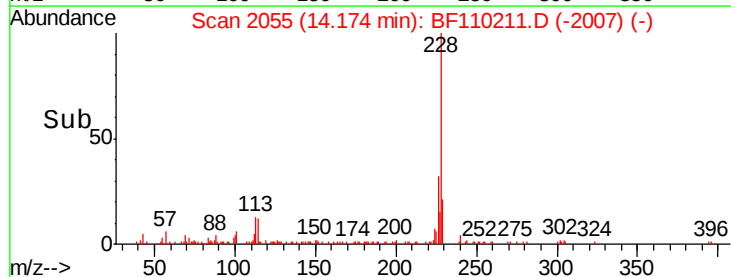
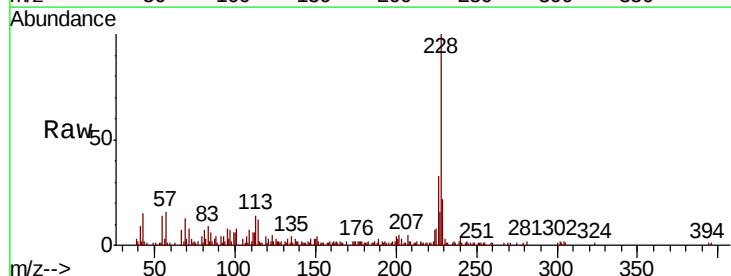
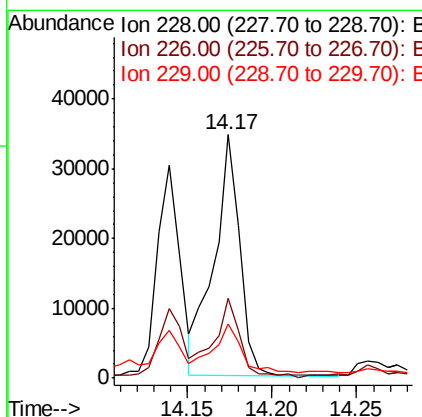
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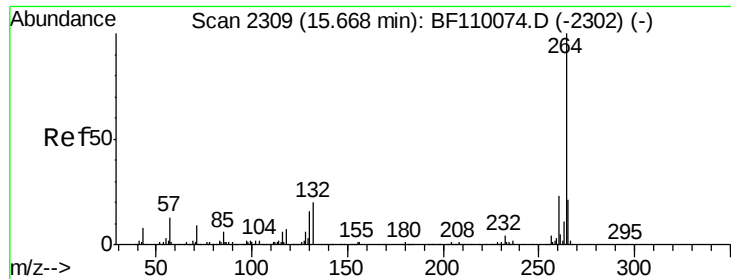
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#83
Chrysene
Concen: 2.937 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110211.D
Acq: 26 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	22.3	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110211.D

Acq: 26 Oct 2018 15:56

Instrument :

BNA_F

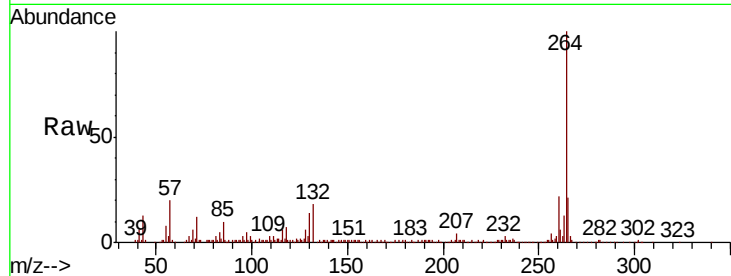
ClientSampled :

SA-SB-01A

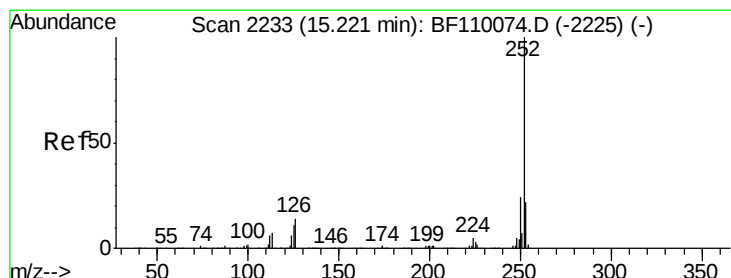
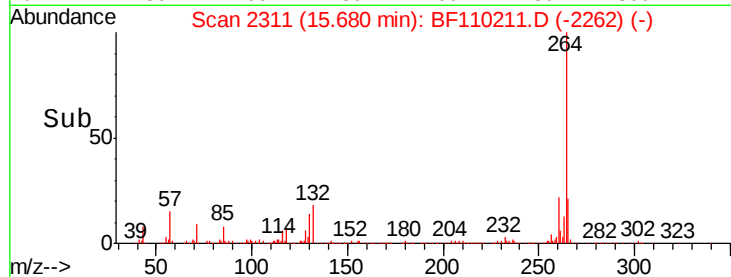
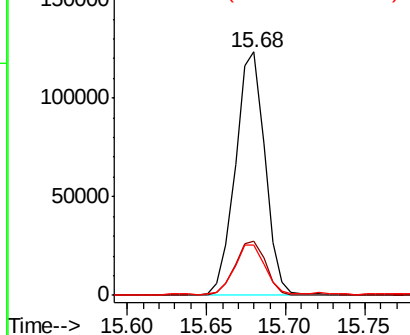
Tot Ion:	264	Resp:	160128
Ion Ratio		Lower	Upper
264	100		
260	22.4	18.7	28.1
265	20.9	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.166 ng m

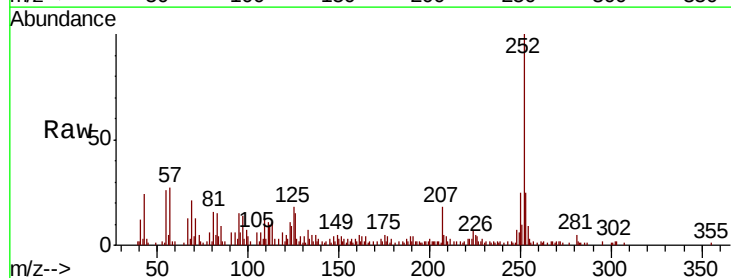
RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

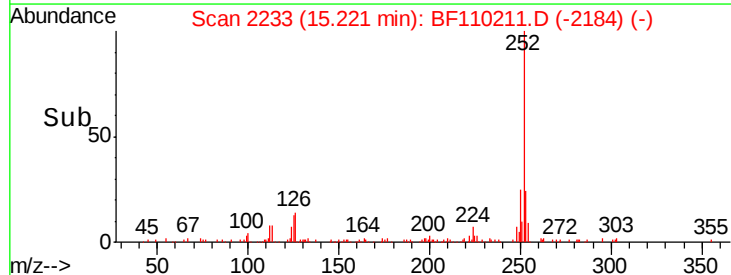
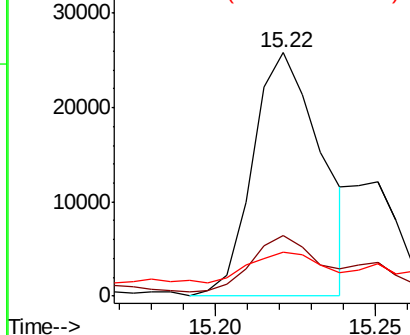
Lab File: BF110211.D

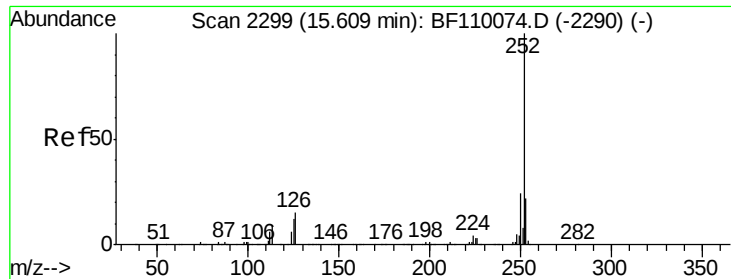
Acq: 26 Oct 2018 15:56

Tgt Ion:	252	Resp:	38518
Ion Ratio		Lower	Upper
252	100		
253	24.9	17.2	25.8
125	17.9	8.2	12.4#



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: 2.306 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BF110211.D
 Acq: 26 Oct 2018 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SA-SB-01A

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.9	18.2	27.4
125	21.5	9.0	13.6

Manual Integrations
 APPROVED

Sohil
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