

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110112.D
 Acq On : 24 Oct 2018 13:57
 Operator : JU/SJ
 Sample : J5610-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Manual Integrations
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Sohil
 10/25/2018 11:14:33 AM

Quant Time: Oct 25 03:59:58 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	175299	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	660735	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	274150	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	440408	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	350973	20.00	ng	-0.01
87) Perylene-d12	15.68	264	254616	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	504058	46.82	ng	-0.02
7) Phenol-d6	6.58	99	621826	45.16	ng	-0.02
23) Nitrobenzene-d5	7.53	82	353773	31.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	100736	37.09	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	554296	31.75	ng	-0.02
79) Terphenyl-d14	13.09	244	436779	25.88	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	55008	3.737	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	97769	4.831	ng	98
71) Phenanthrene	11.53	178	156317	6.783	ng	98
72) Anthracene	11.57	178	51772	2.241	ng	98
75) Fluoranthene	12.72	202	323783	13.844	ng	99
78) Pyrene	12.95	202	296320	11.777	ng	97
81) Benzo(a)anthracene	14.14	228	170487	8.191	ng	97
83) Chrysene	14.17	228	145902	7.380	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	65704	4.006	ng	99
88) Benzo(b)fluoranthene	15.22	252	162952m	11.083	ng	
89) Benzo(k)fluoranthene	15.25	252	56871m	3.934	ng	
90) Benzo(a)pyrene	15.61	252	104063	7.692	ng	# 94
92) Benzo(a,h,i)perylene	17.72	276	60395	5.250	ng	# 93

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

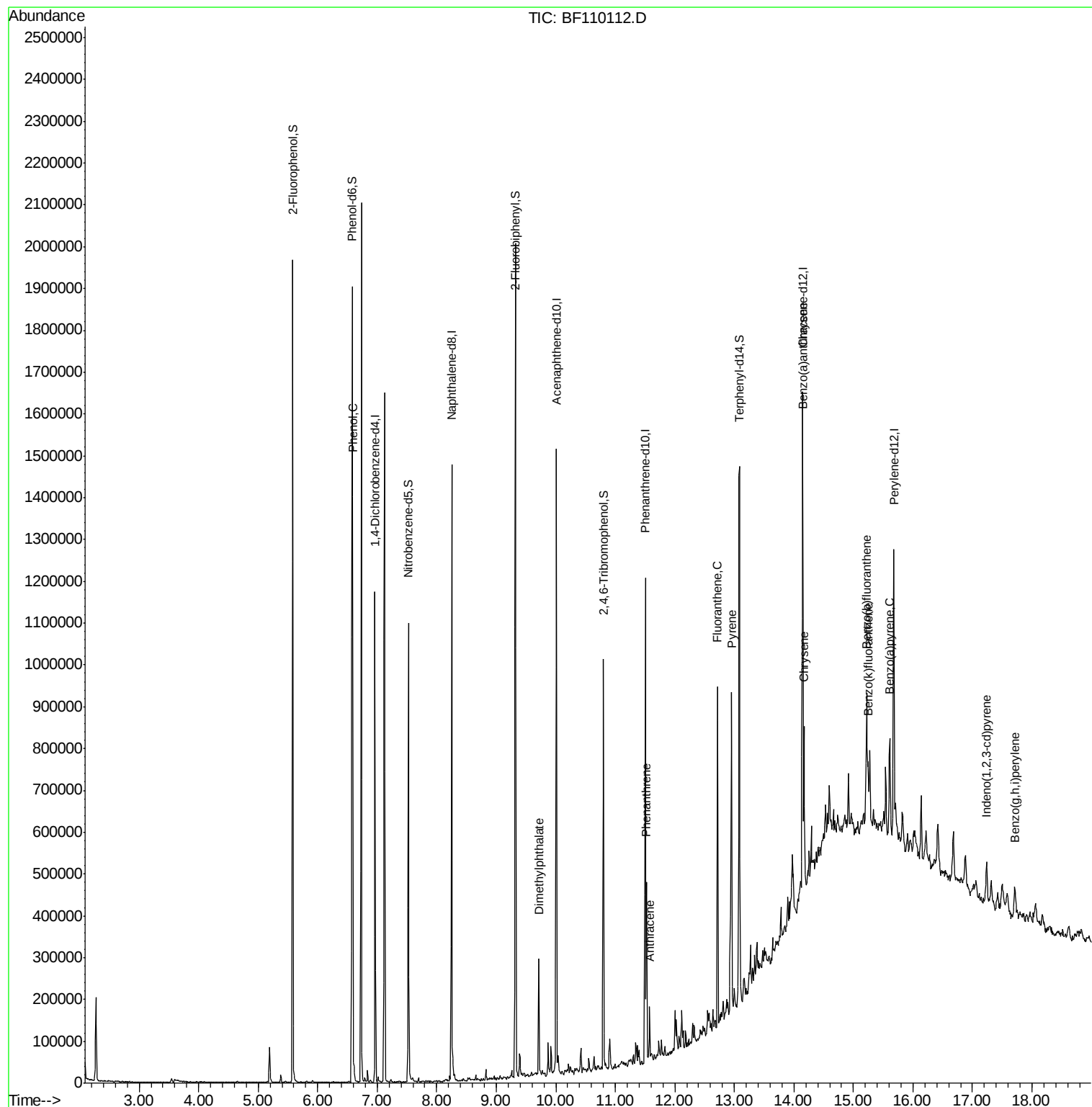
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110112.D
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Operator : JU/SJ
Sample : J5610-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

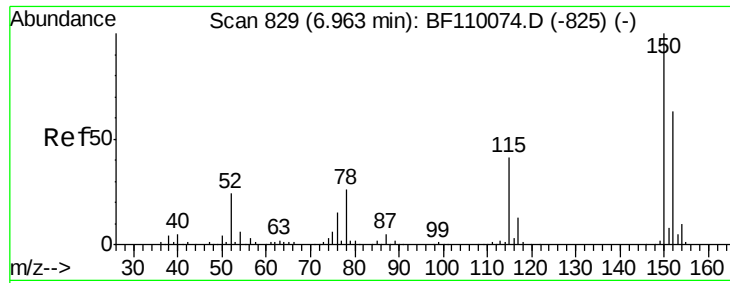
Instrument :
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SB-3(0-2)

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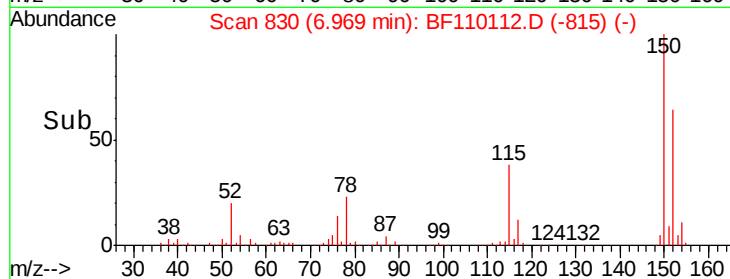
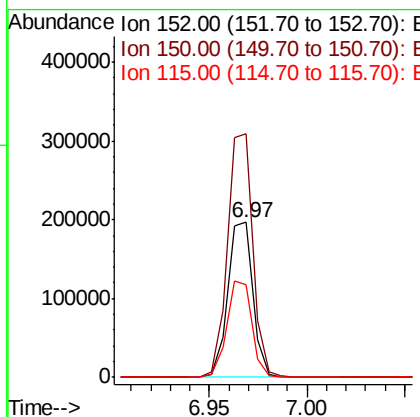
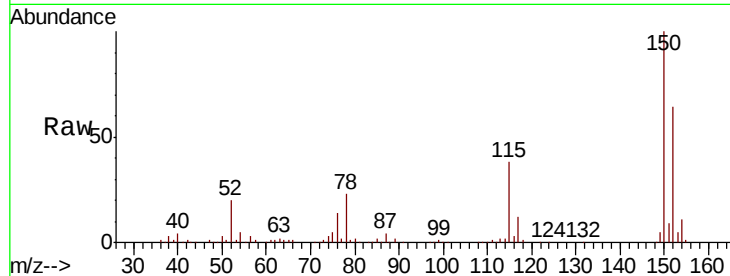
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110112.D
 Acq: 24 Oct 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	60.0	49.1	73.7

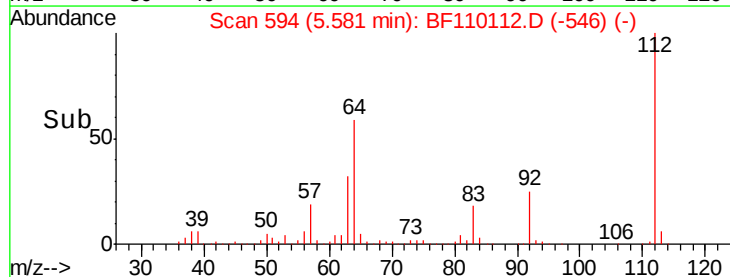
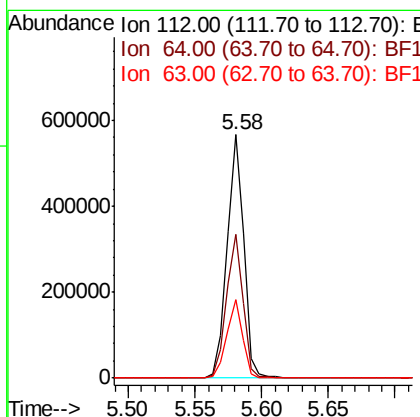
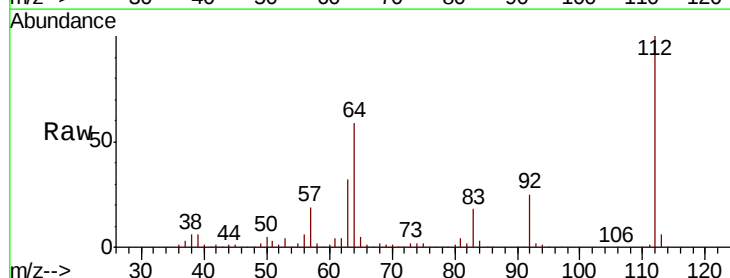
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#5
 2-Fluorophenol
 Concen: 46.825 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF110112.D
 Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 45.161 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110112.D

Acq: 24 Oct 2018 13:57

Instrument :

BNA_F

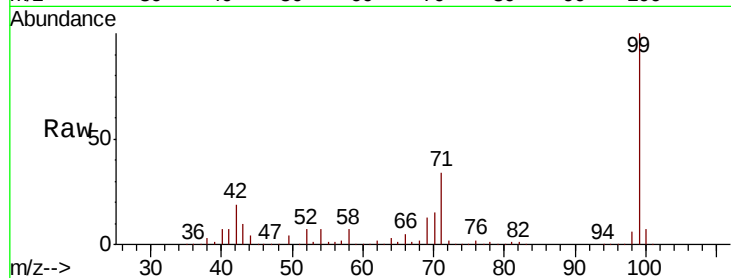
ClientSampleId :

SB-3(0-2)

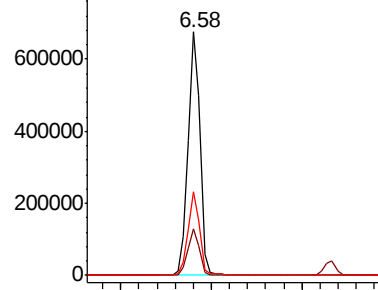
Tot Ion:	99	Resp:	621826
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.8	23.6
71	34.3	28.0	42.0

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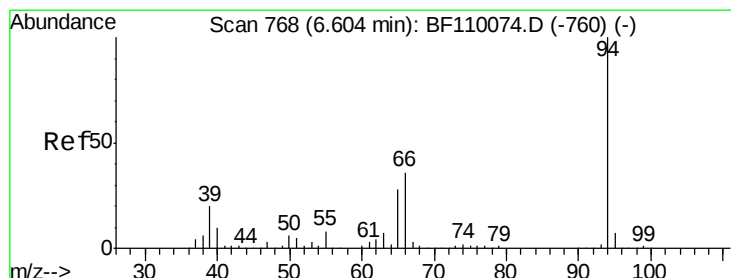
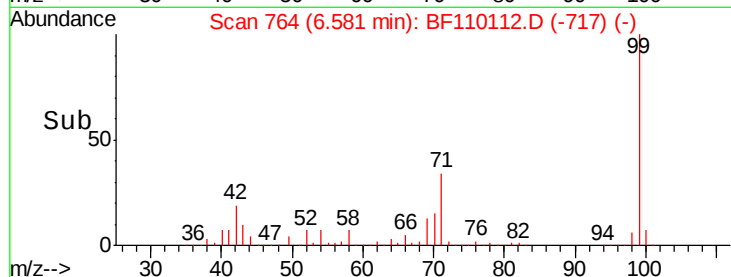
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 3.737 ng

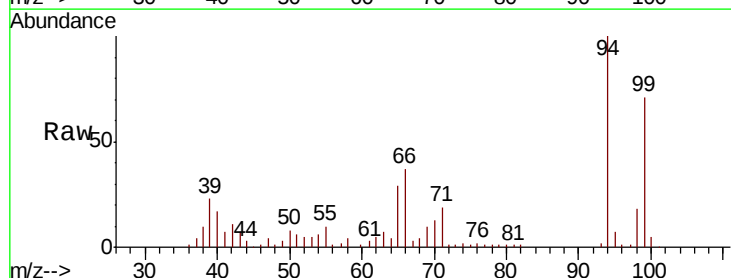
RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

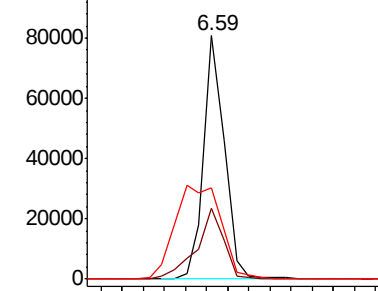
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Acq: 24 Oct 2018 13:57

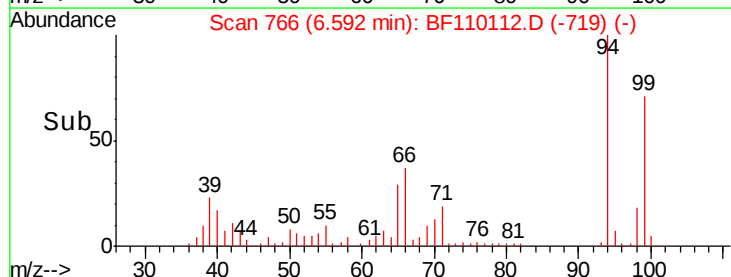
Tgt Ion:	94	Resp:	55008
Ion Ratio	Lower	Upper	
94	100		
65	28.9	25.3	65.3
66	37.4	54.5	94.5#

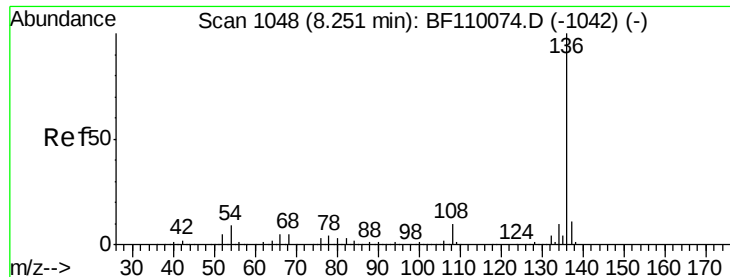


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





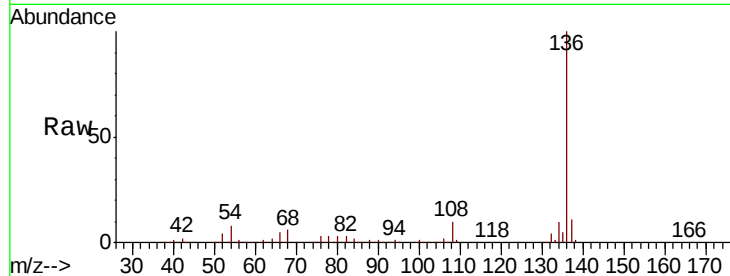
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

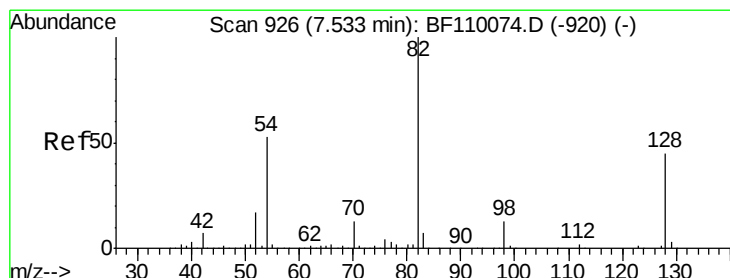
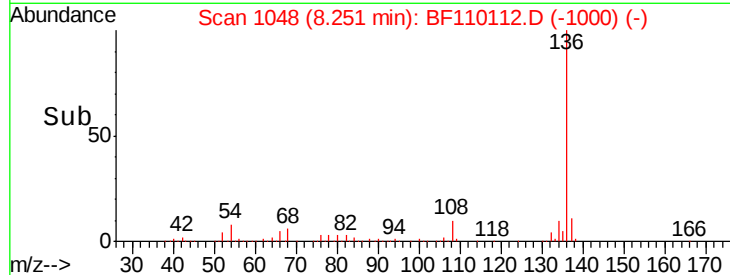
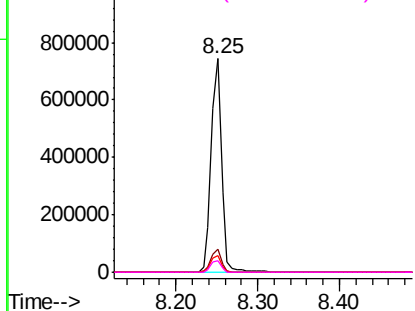
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		660735		
137	10.9		8.8	13.2	
54	7.9		5.4	8.2	
68	5.6		4.2	6.2	

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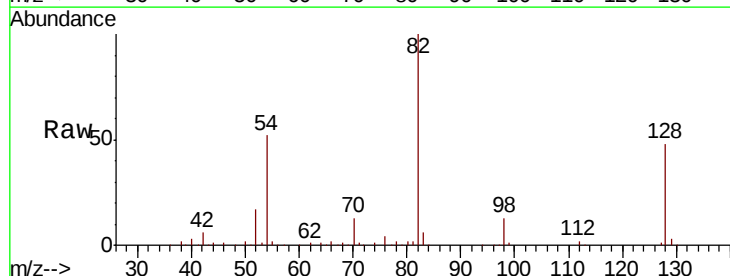


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

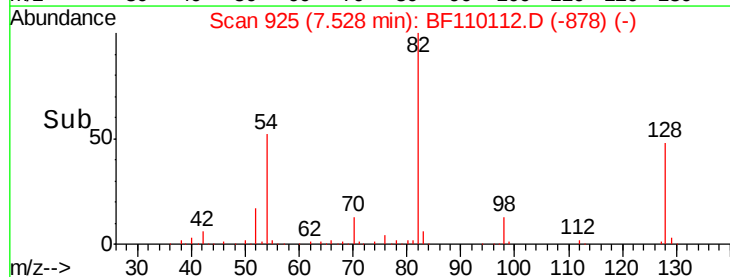
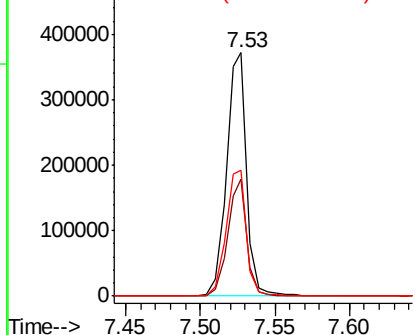


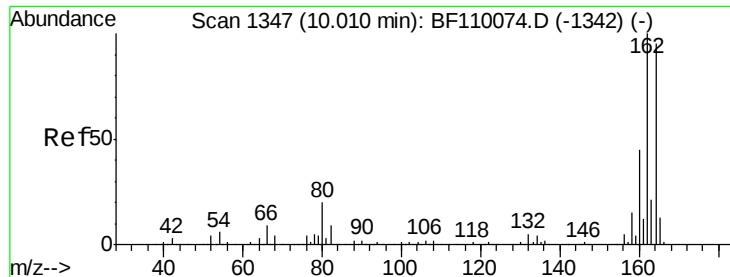
#23
Nitrobenzene-d5
Concen: 31.758 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		353773		
128	47.8		34.2	51.2	
54	51.5		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





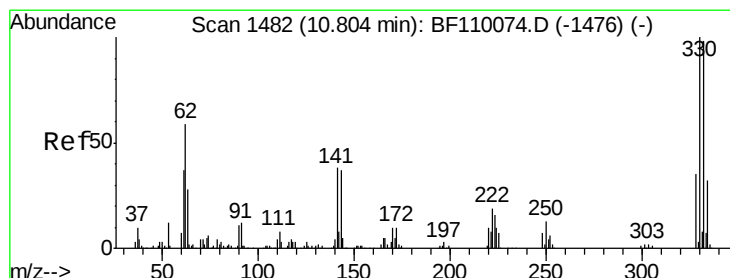
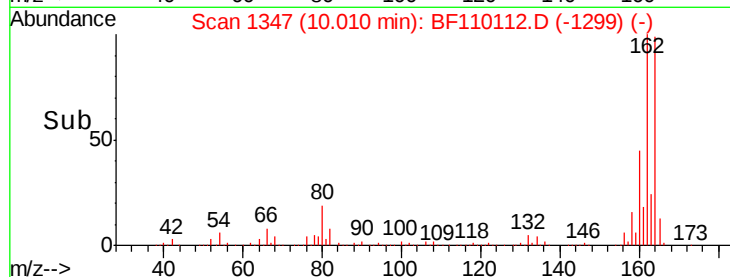
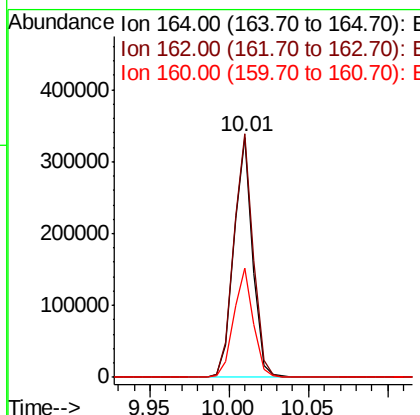
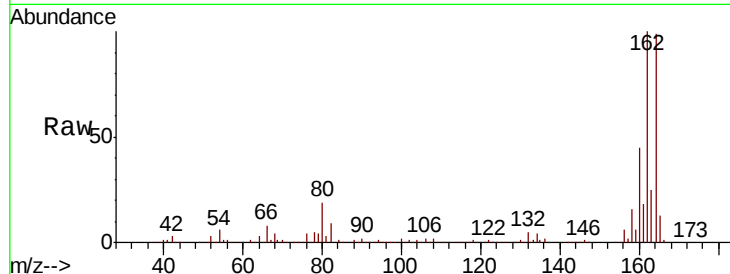
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	274150		
162	101.3	83.0	124.6	
160	45.5	37.0	55.6	

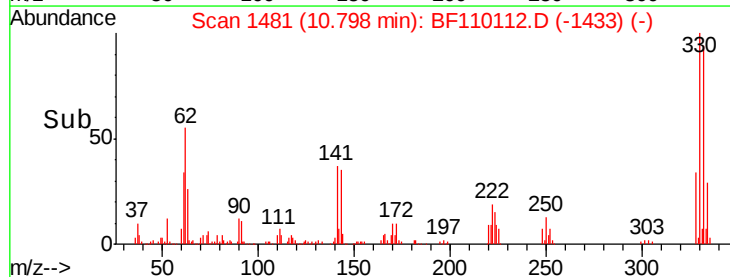
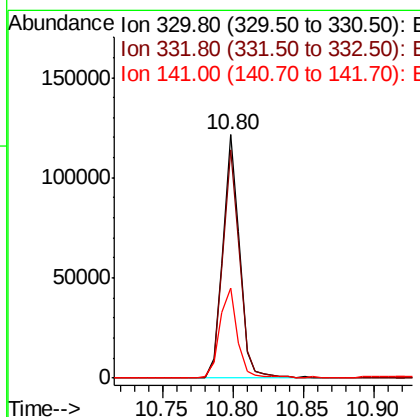
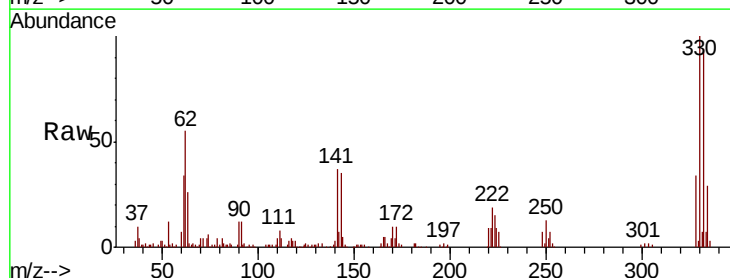
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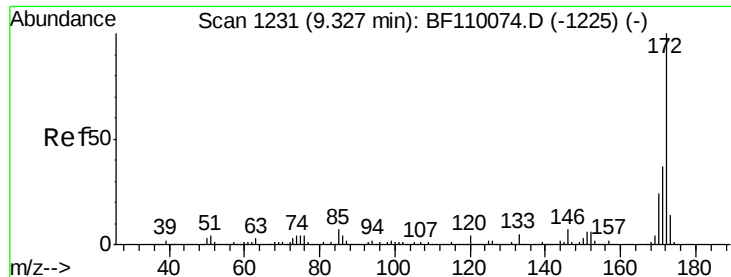
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#42
2,4,6-Tribromophenol
Concen: 37.095 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	100736		
332	94.9	77.1	115.7	
141	39.5	27.0	40.4	





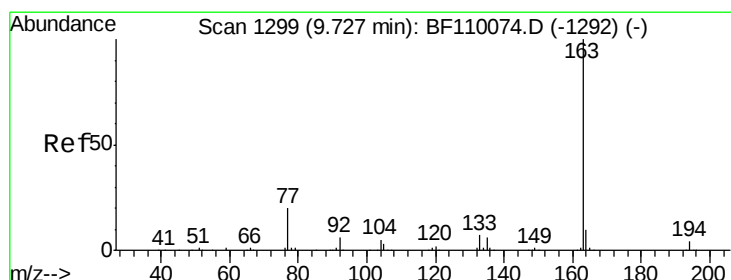
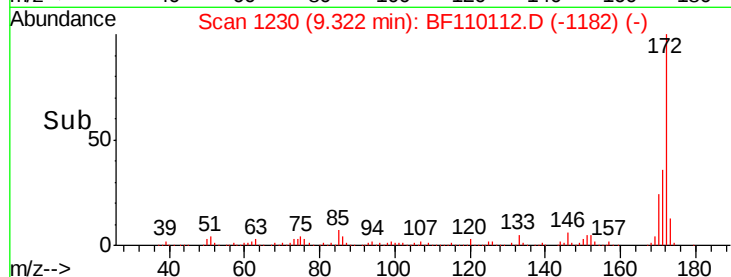
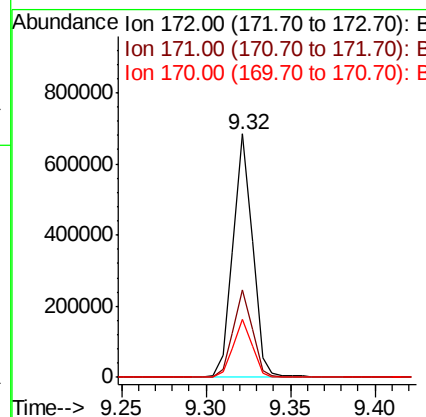
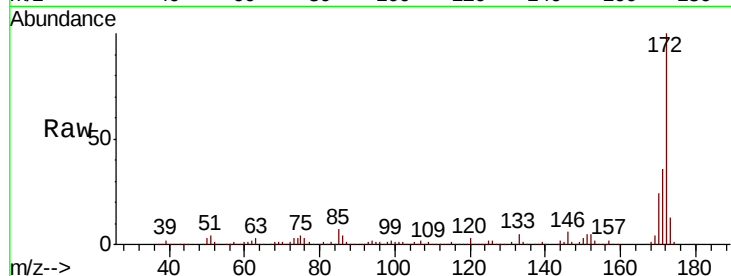
#45
2-Fluorobiphenyl
Concen: 31.749 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	19.7	29.5

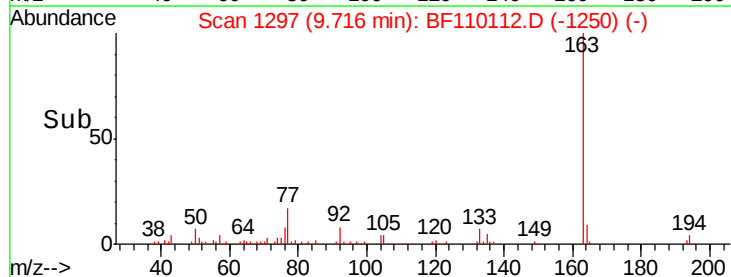
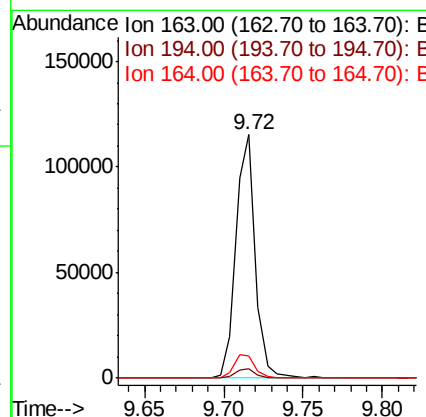
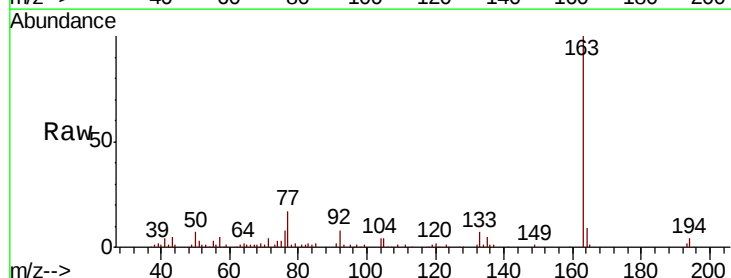
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#50
Dimethylphthalate
Concen: 4.831 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.0	8.1	12.1





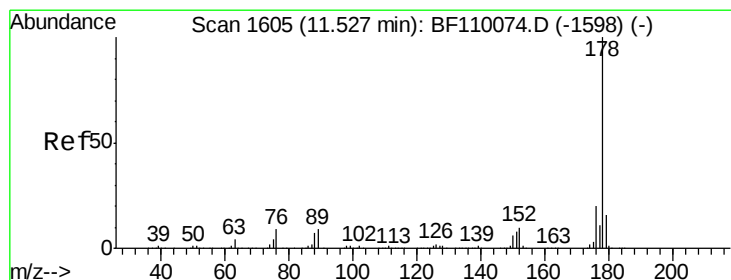
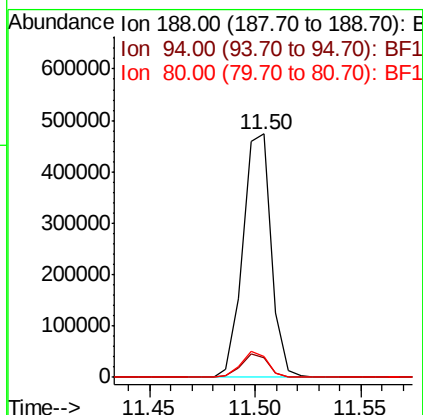
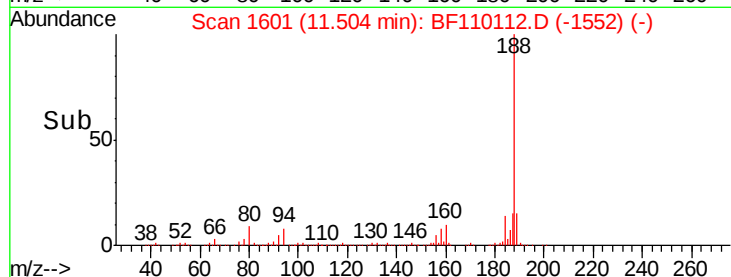
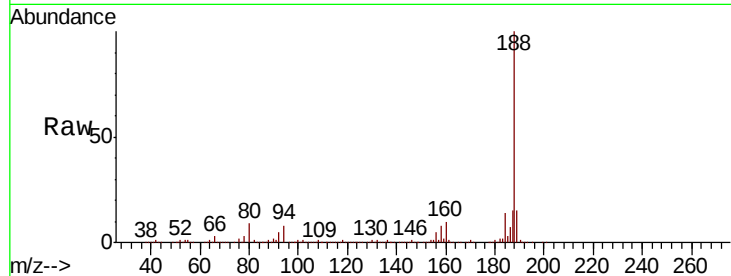
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	440408		
94	8.1		7.2	10.8
80	8.8		7.9	11.9

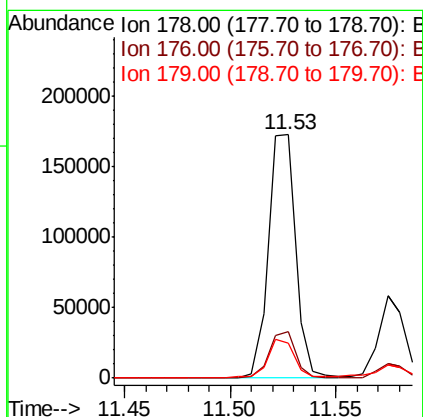
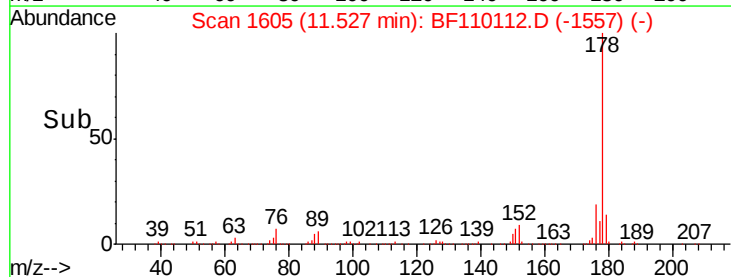
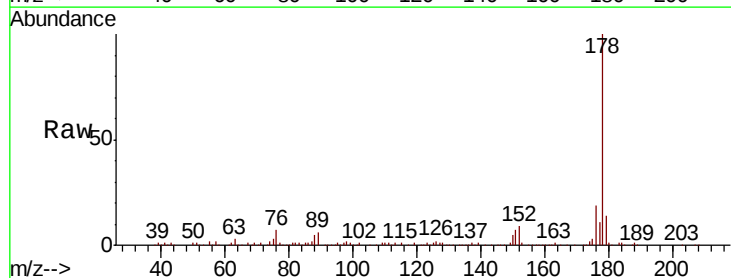
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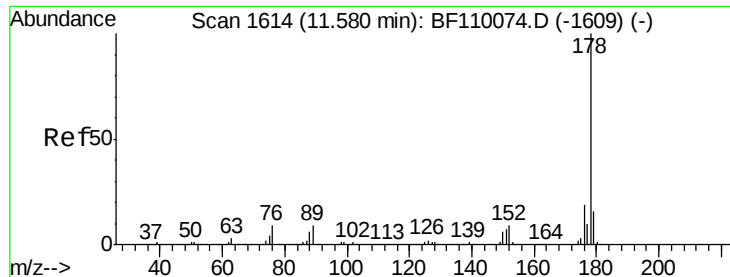
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#71
Phenanthrene
Concen: 6.783 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	156317		
176	19.0		15.5	23.3
179	14.4		12.5	18.7





#72

Anthracene

Concen: 2.241 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110112.D

Acq: 24 Oct 2018 13:57

Instrument :

BNA_F

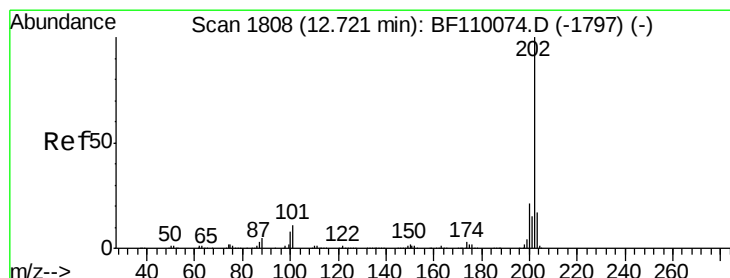
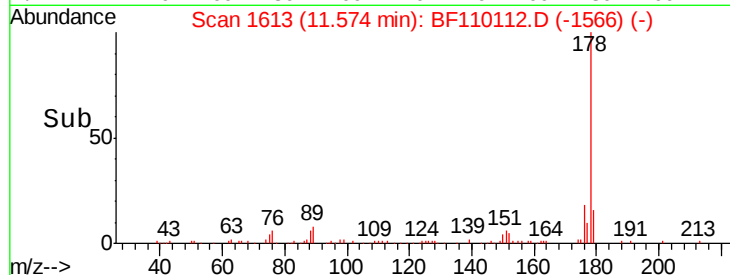
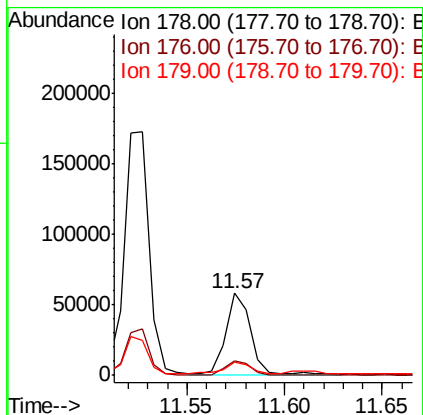
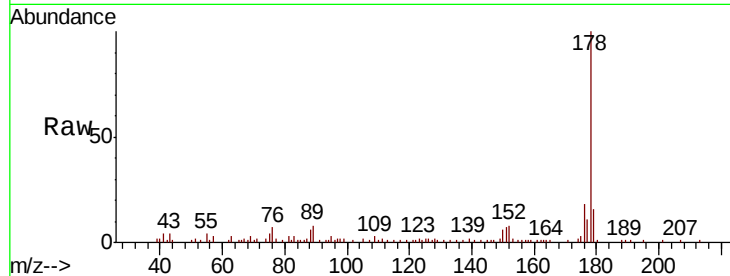
ClientSampleId :

SB-3(0-2)

Tot Ion:	178	Resp:	51772
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.2
179	16.3	12.6	18.8

Manual Integrations
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#75

Fluoranthene

Concen: 13.844 ng

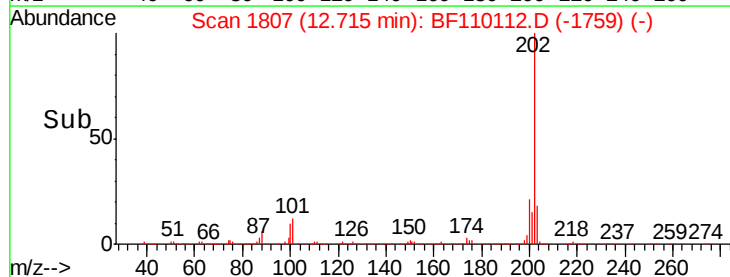
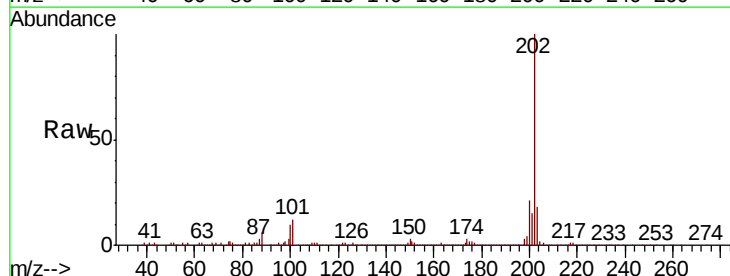
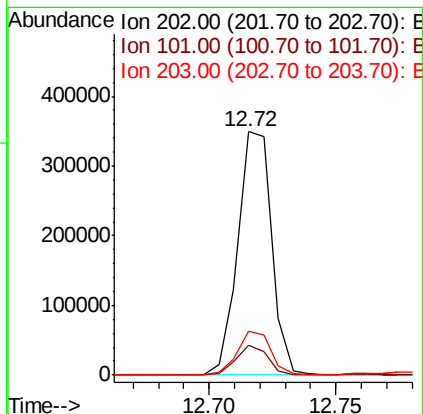
RT: 12.72 min Scan# 1807

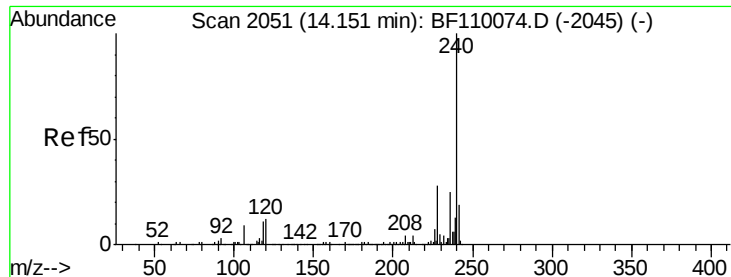
Delta R.T. -0.02 min

Lab File: BF110112.D

Acq: 24 Oct 2018 13:57

Tgt Ion:	202	Resp:	323783
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.4
203	18.0	0.0	37.7





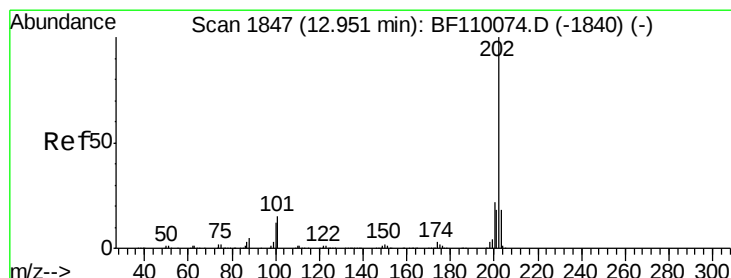
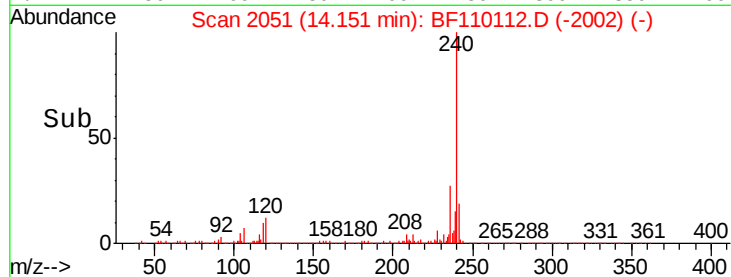
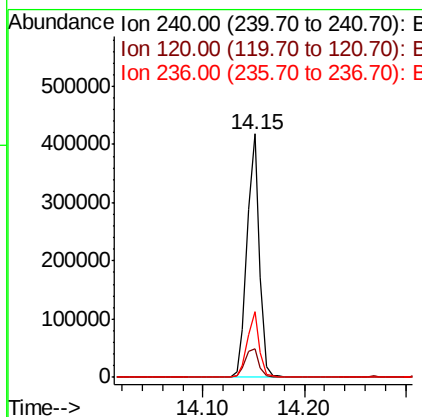
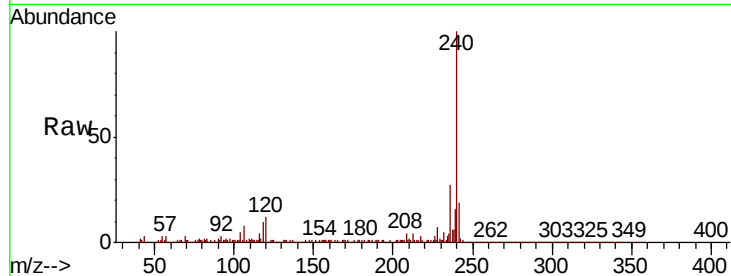
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.8	21.2	31.8

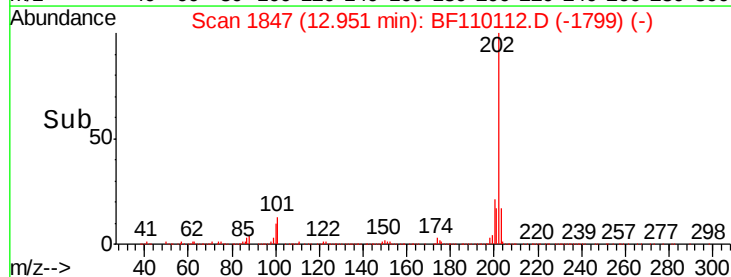
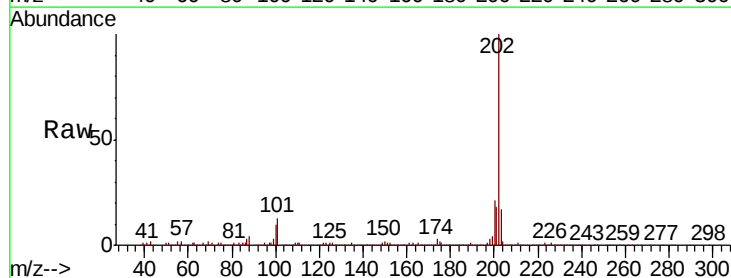
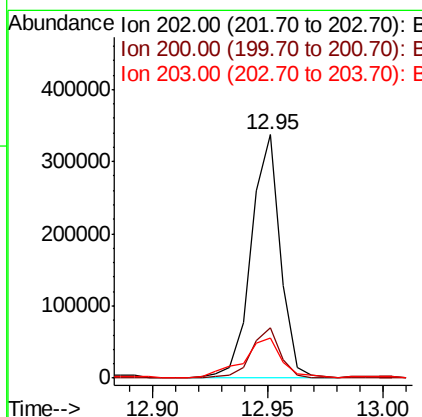
Manual Integrations
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#78
Pyrene
Concen: 11.777 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	16.7	14.2	21.4





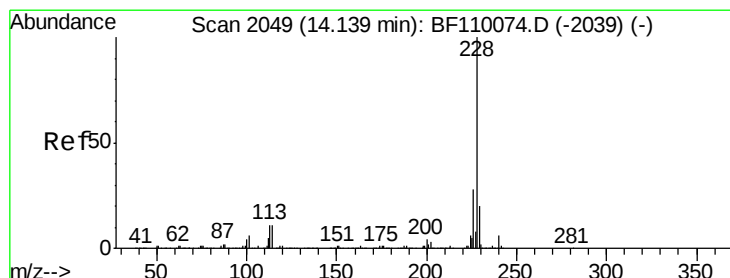
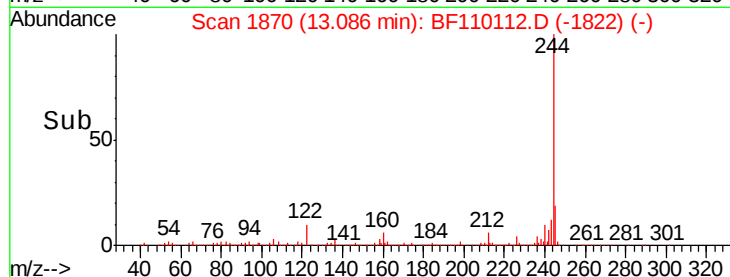
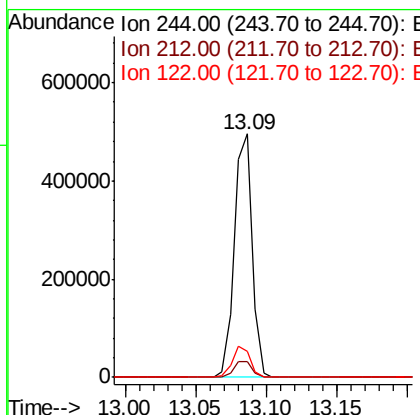
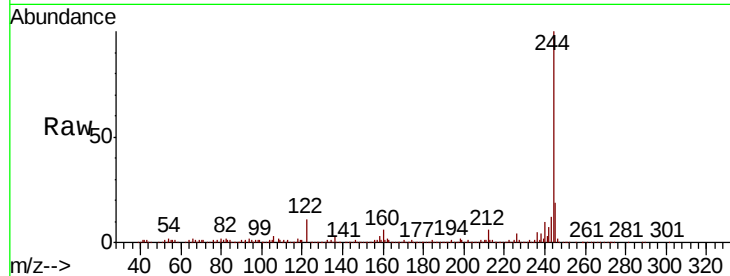
#79
 Terphenyl-d14
 Concen: 25.882 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110112.D
 Acq: 24 Oct 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.5	8.7	13.1

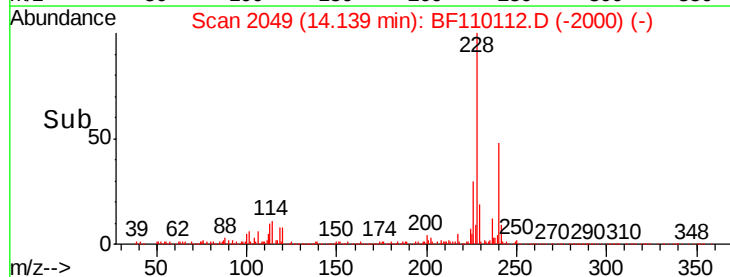
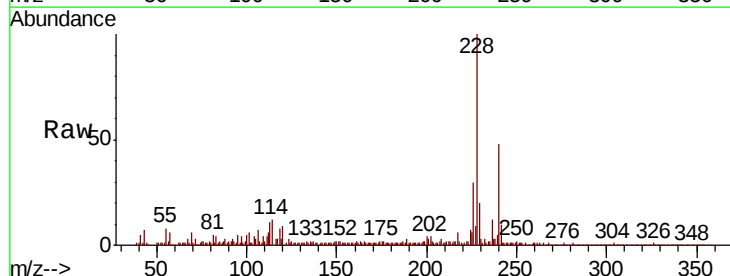
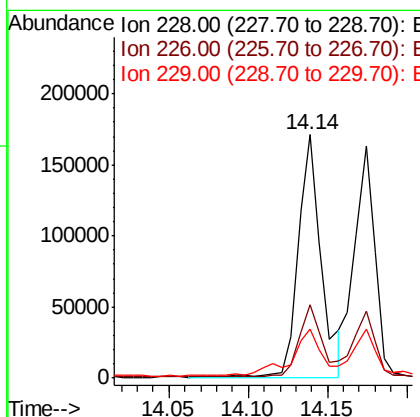
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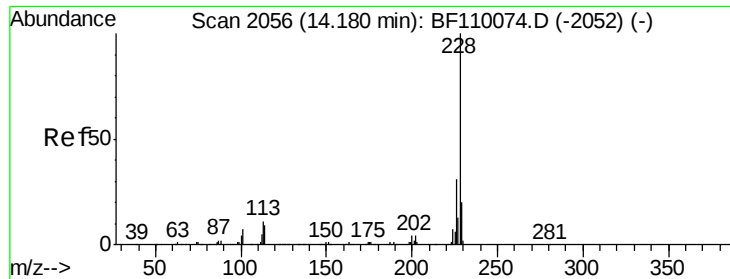
Sohil
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#81
 Benzo(a)anthracene
 Concen: 8.191 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF110112.D
 Acq: 24 Oct 2018 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.1	33.1
229	20.2	15.6	23.4





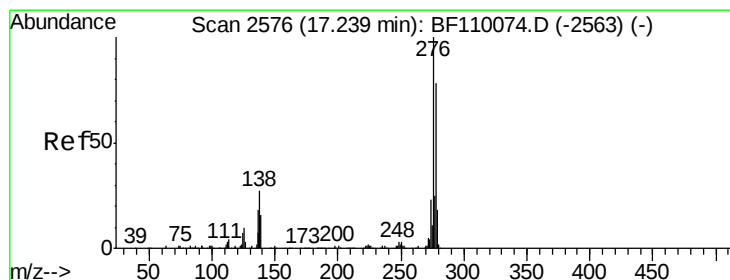
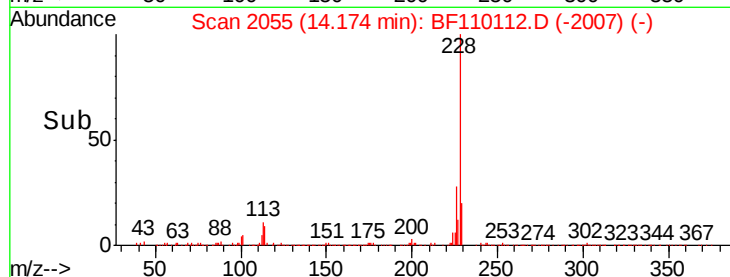
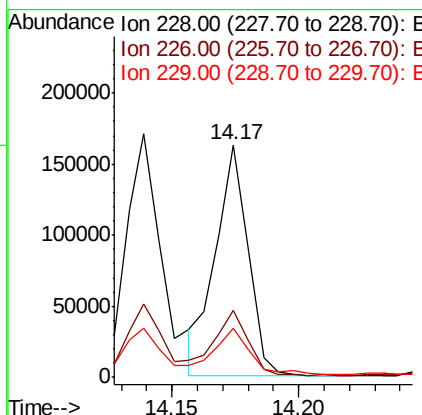
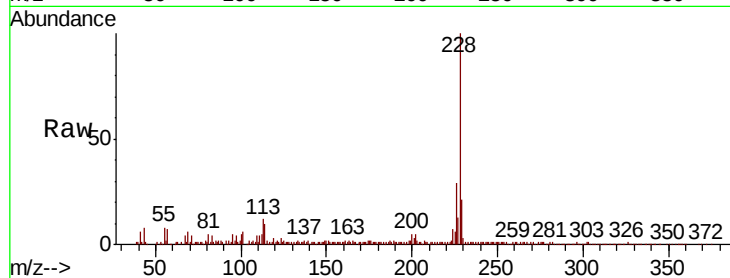
#83
Chrysene
Concen: 7.380 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

Tot Ion:	228	Resp:	145902
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.7	37.1
229	21.1	15.9	23.9

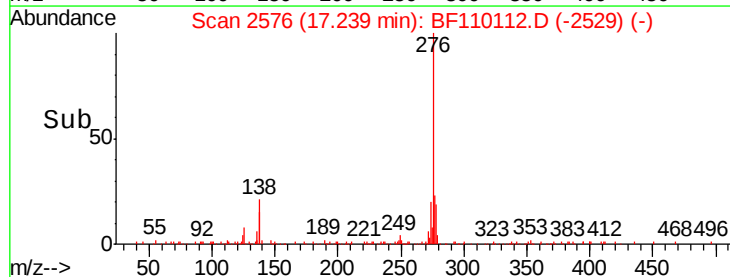
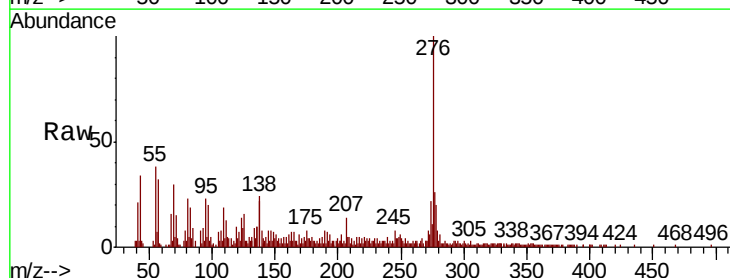
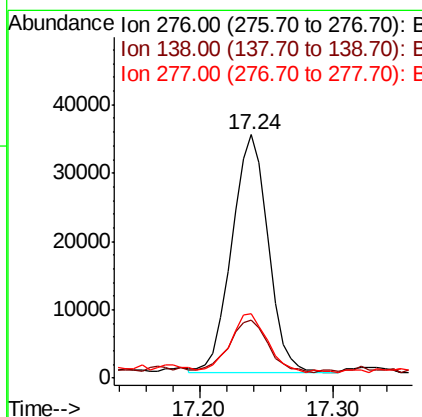
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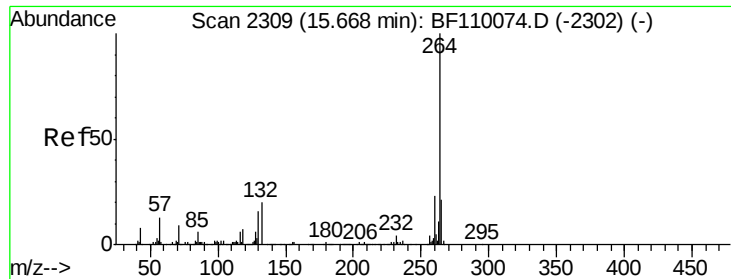
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.006 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Tgt Ion:	276	Resp:	65704
Ion Ratio	Lower	Upper	
276	100		
138	23.7	18.5	27.7
277	25.3	20.0	30.0





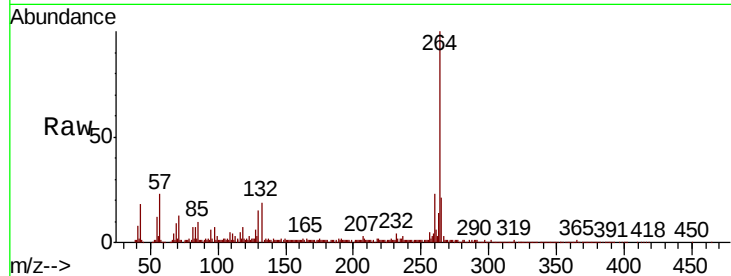
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1

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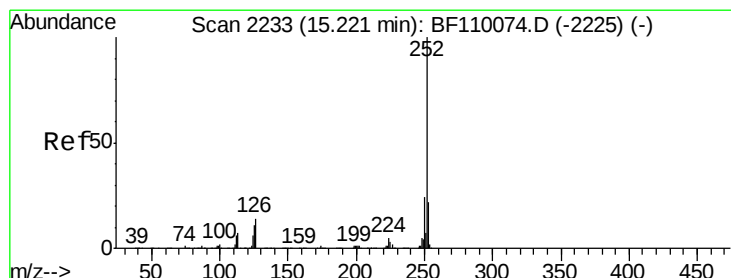
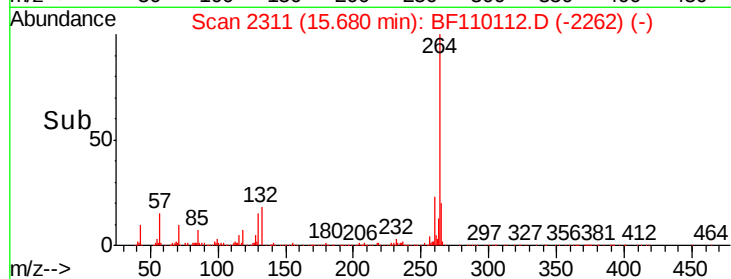
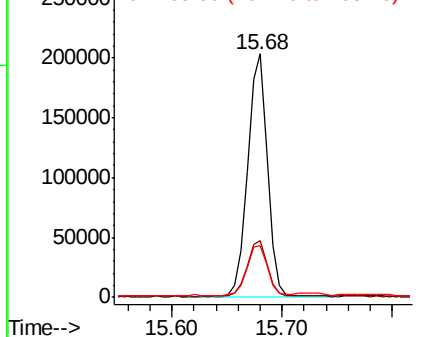


Abundance

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: 11.083 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110112.D
Acq: 24 Oct 2018 13:57

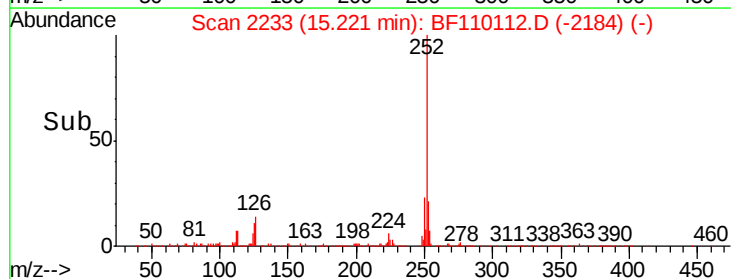
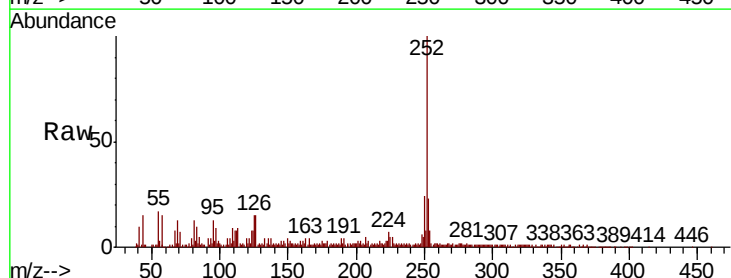
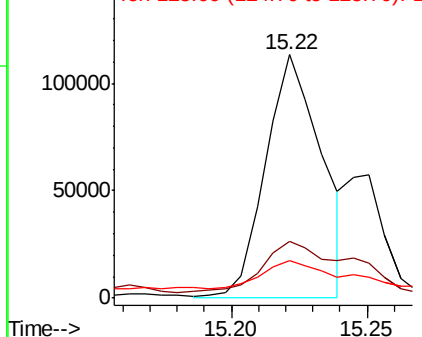
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	15.3	8.2	12.4#

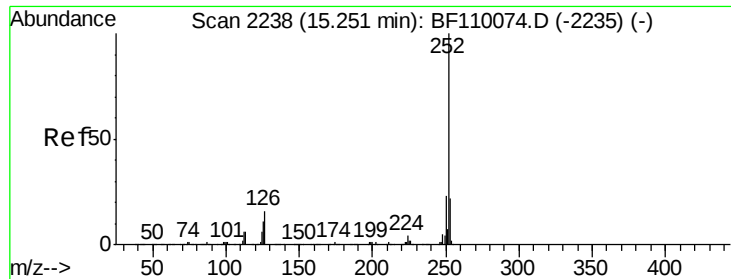
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 3.934 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110112.D

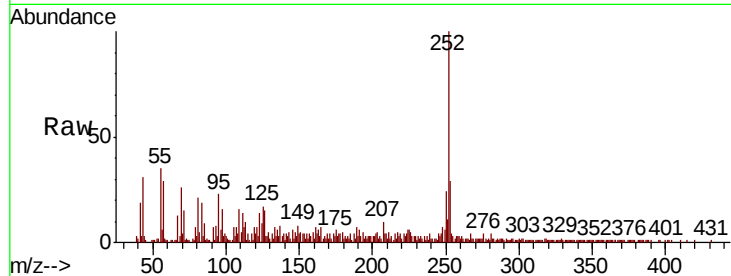
Acq: 24 Oct 2018 13:57

Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.2	25.8#
125	17.3	7.4	11.0#

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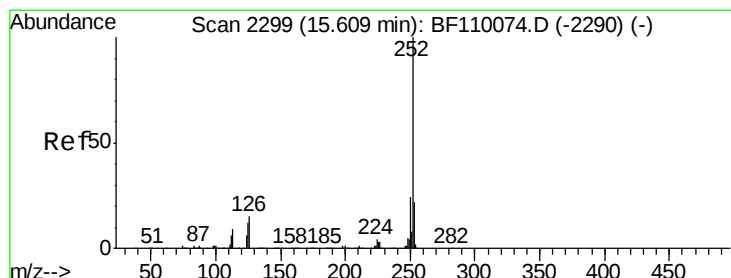
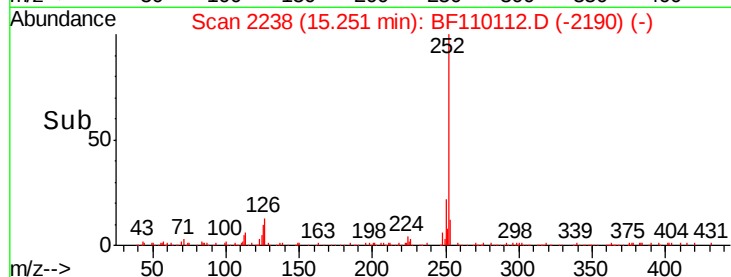
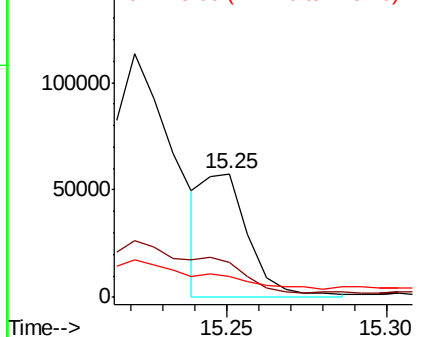


Abundance

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: 7.692 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110112.D

Acq: 24 Oct 2018 13:57

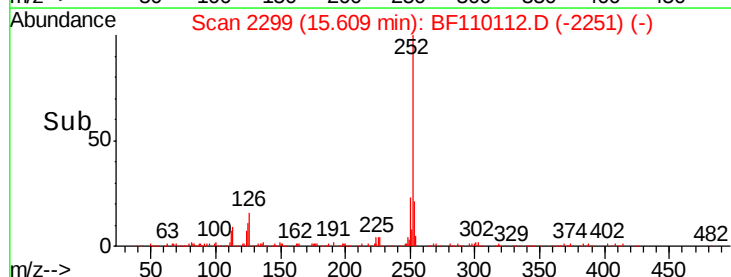
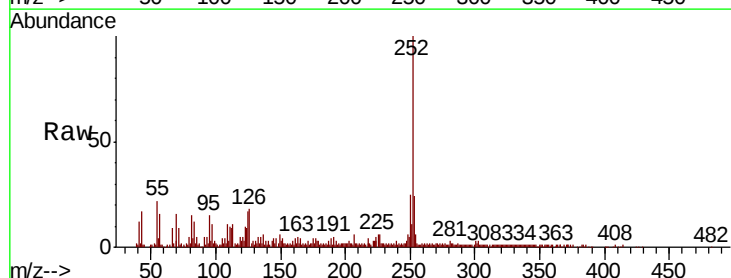
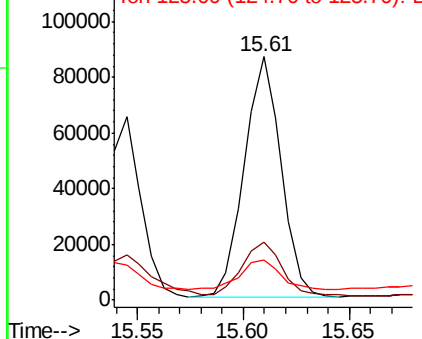
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	16.7	9.0	13.6#

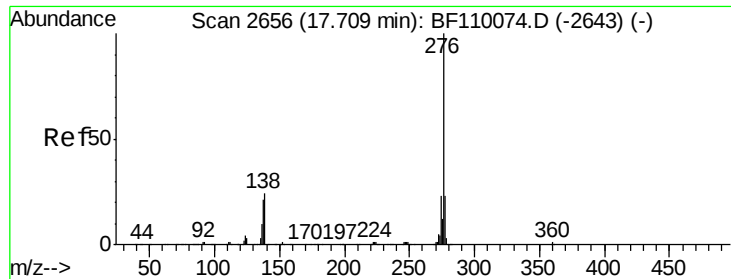
Abundance

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





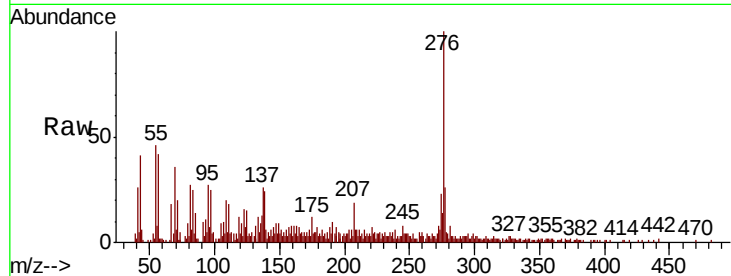
#92
 Benzo(a,h,i)perylene
 Concen: 5.250 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110112.D
 Acq: 24 Oct 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.8	28.2
138	24.1	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

