

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110824.D
 Acq On : 16 Nov 2018 18:40
 Operator : JU/SJ
 Sample : J5964-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LR-RBR-200036

Manual Integrations
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Sohil
 11/19/2018 11:56:00 AM

Quant Time: Nov 16 23:50:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59710	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241512	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	109445	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	167953	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	137607	20.00	ng	-0.01
87) Perylene-d12	15.66	264	104386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	443558	120.66	ng	0.00
7) Phenol-d6	6.57	99	555148	118.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	357615	85.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	111822	101.40	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	648154	84.58	ng	-0.01
79) Terphenyl-d14	13.06	244	458600	62.41	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.69	163	85150	10.427	ng	99
71) Phenanthrene	11.50	178	39254	4.362	ng	98
75) Fluoranthene	12.69	202	67219	7.451	ng	97
78) Pyrene	12.93	202	52483	4.953	ng	96
81) Benzo(a)anthracene	14.12	228	16865	2.050	ng	96

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

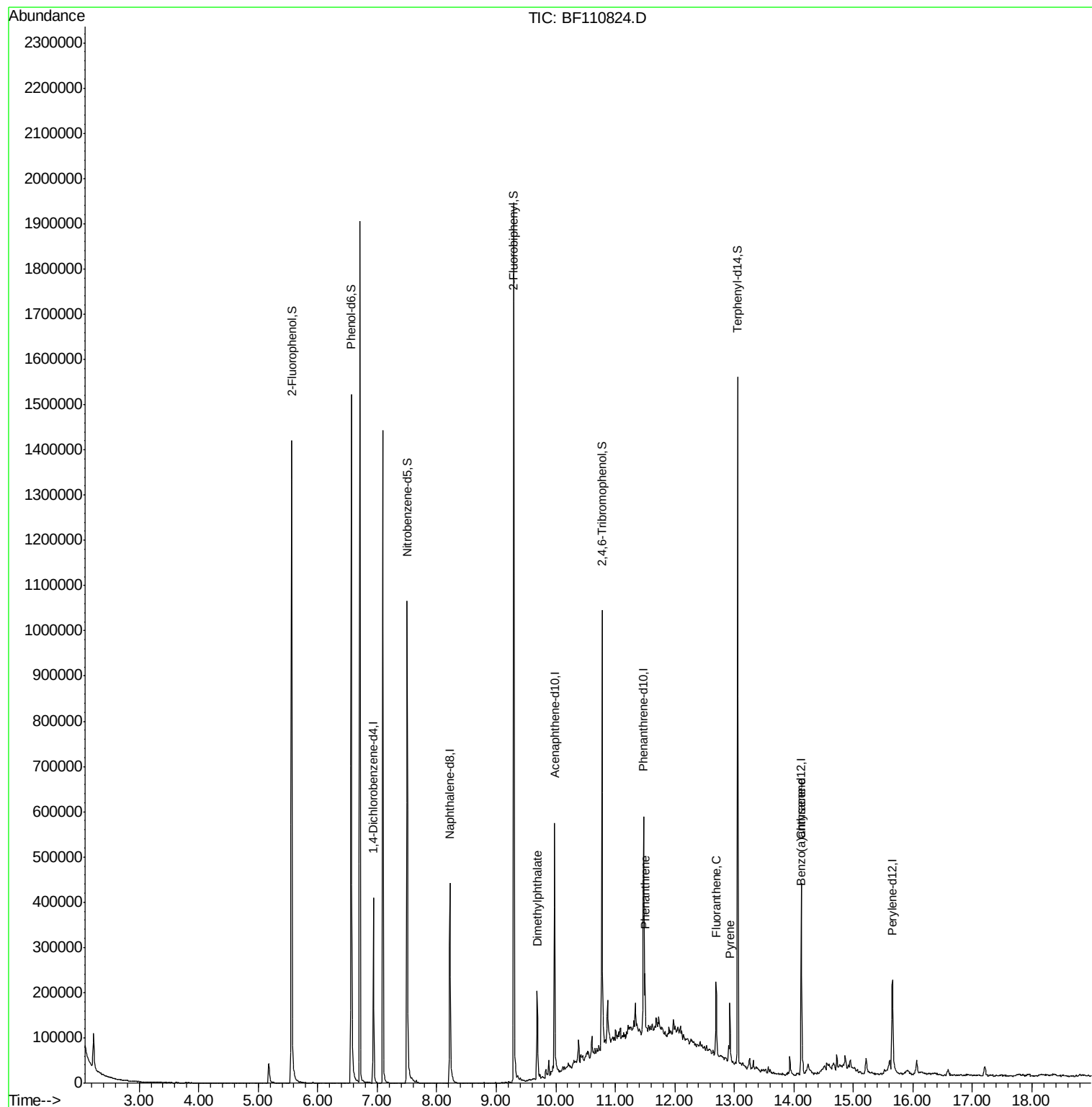
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110824.D
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Operator : JU/SJ
Sample : J5964-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

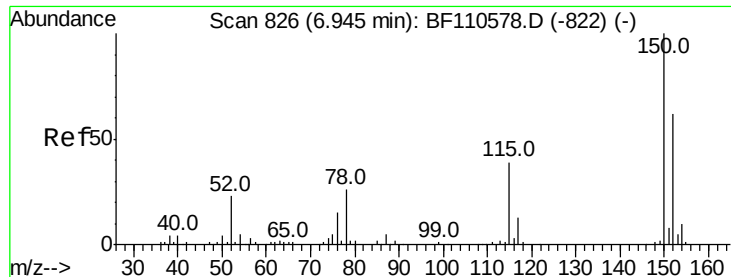
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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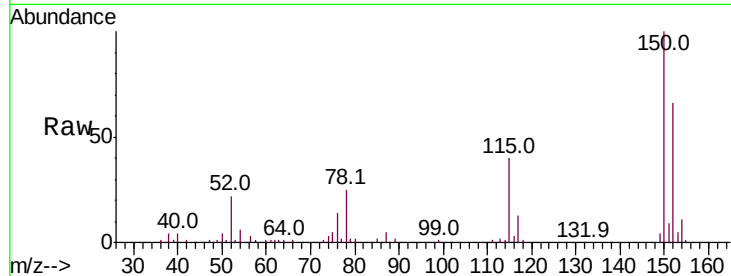
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.7	184.1
115	60.4	49.1	73.7

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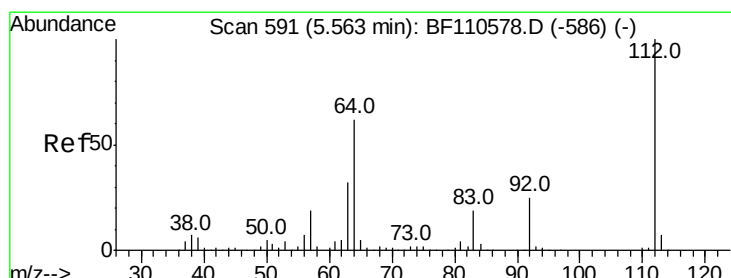
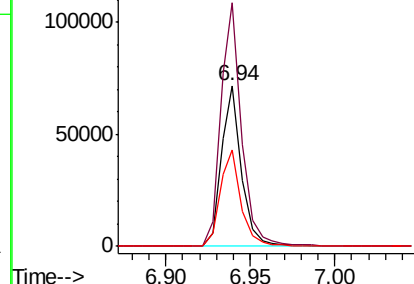
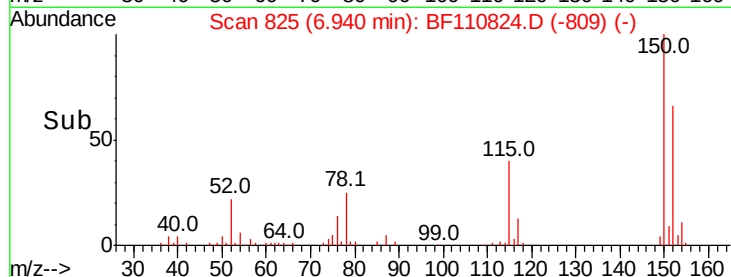


Abundance

Ion 152.00 (151.70 to 152.70): E

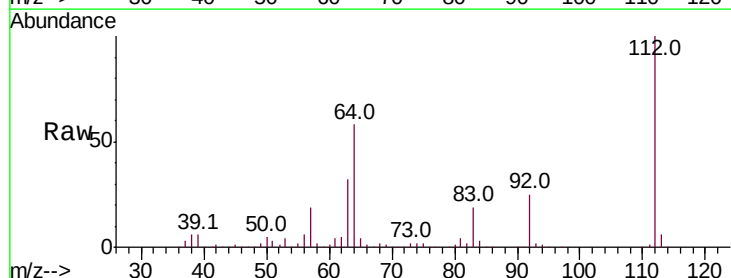
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 120.663 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	31.6	23.7	35.5

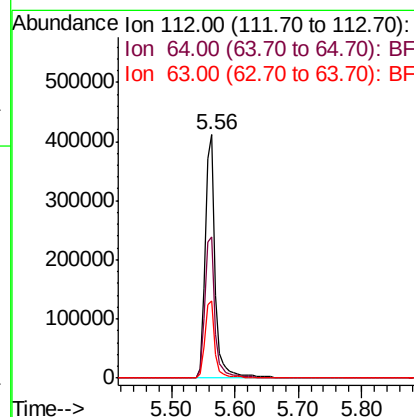
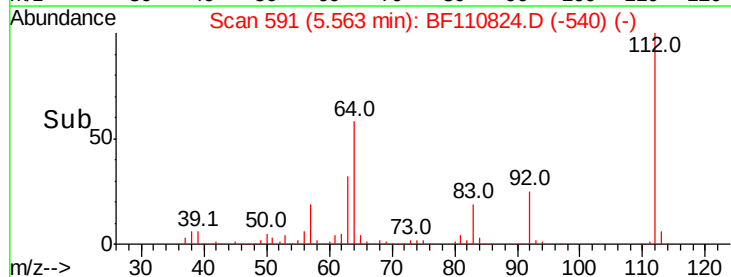


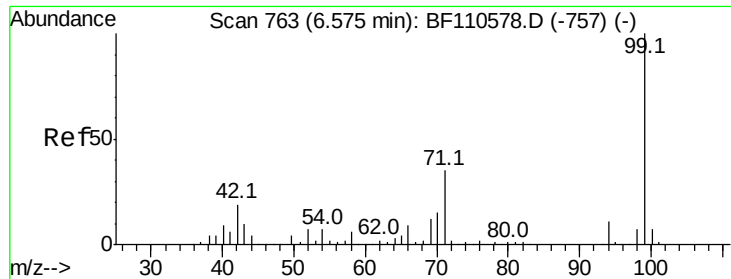
Abundance

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: 118.098 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110824.D

Acq: 16 Nov 2018 18:40

Instrument :

BNA_F

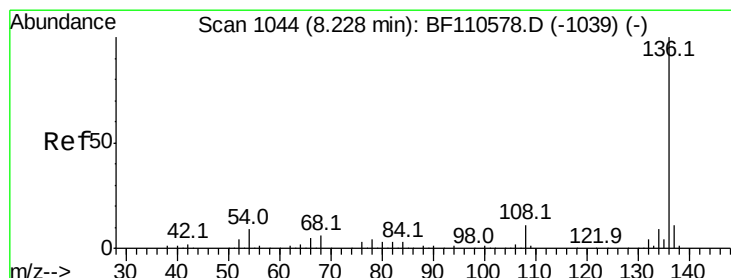
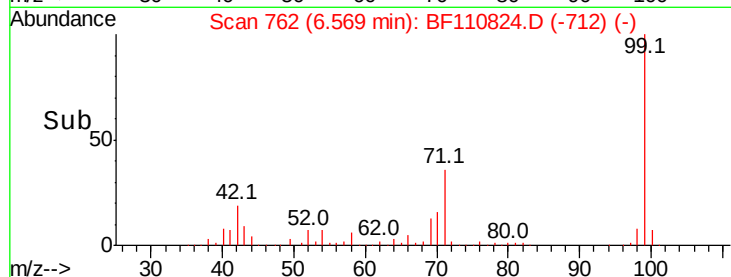
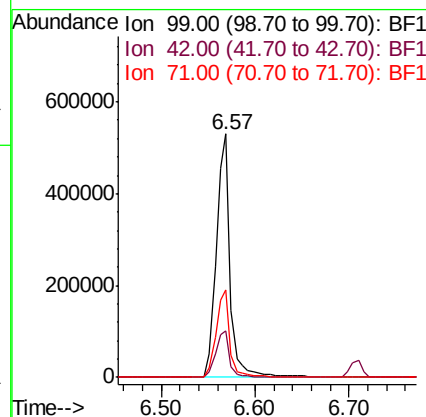
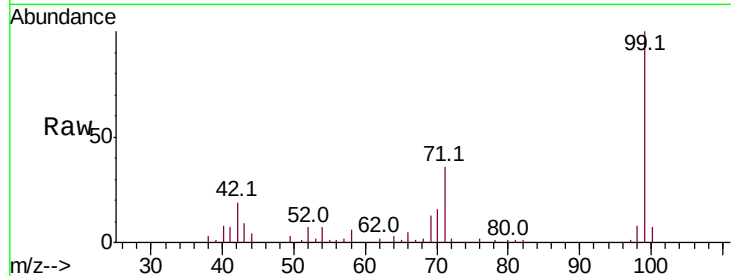
ClientSampleId :

LR-RBR-200036

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		555148		
42	19.0	15.8	23.6		
71	35.7	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

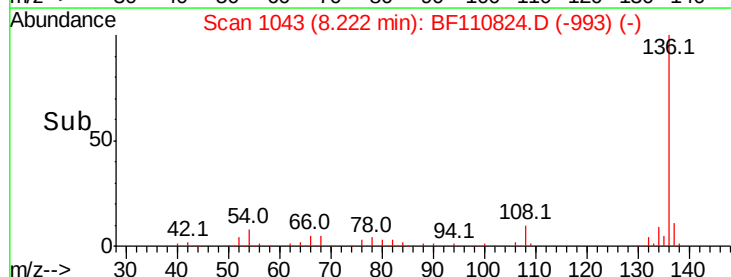
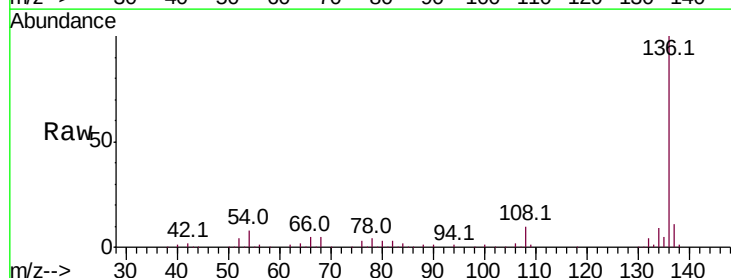
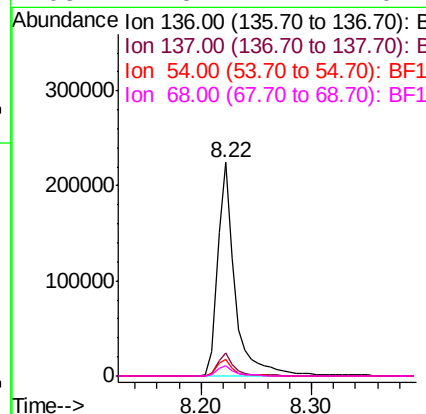
RT: 8.22 min Scan# 1043

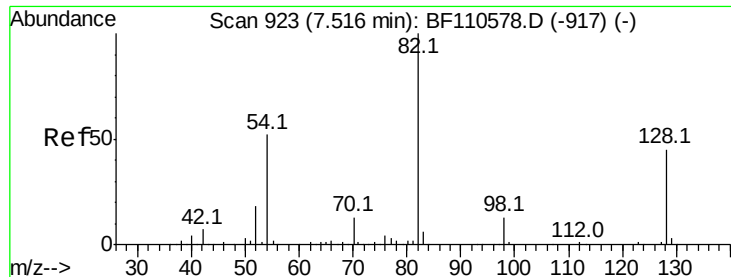
Delta R.T. -0.01 min

Lab File: BF110824.D

Acq: 16 Nov 2018 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		241512		
137	11.0	8.8	13.2		
54	7.7	5.4	8.2		
68	4.8	4.2	6.2		





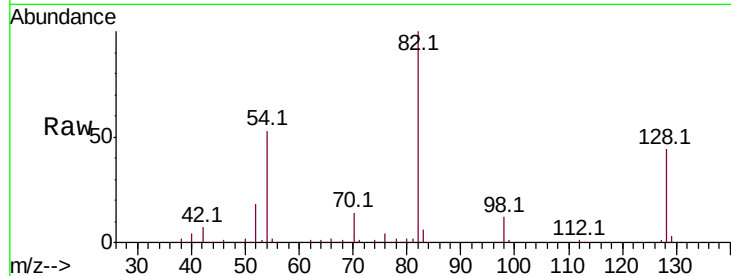
#23
 Nitrobenzene-d5
 Concen: 85.275 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :
 LR-RBR-200036

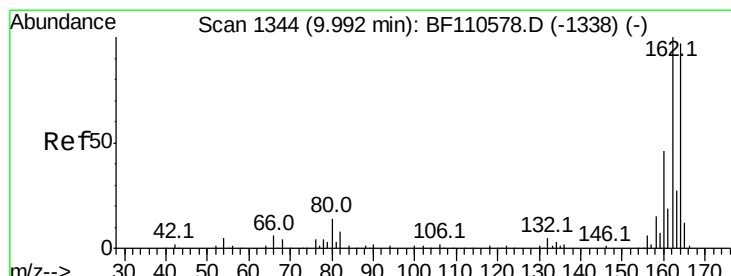
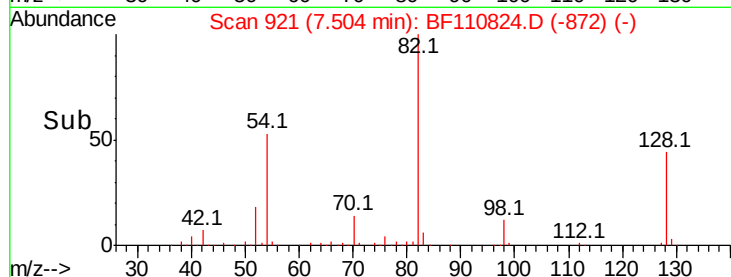
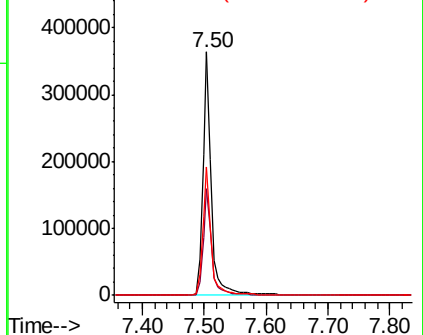
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	52.7	38.6	58.0

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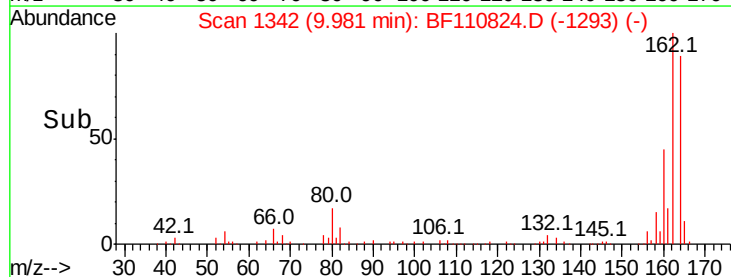
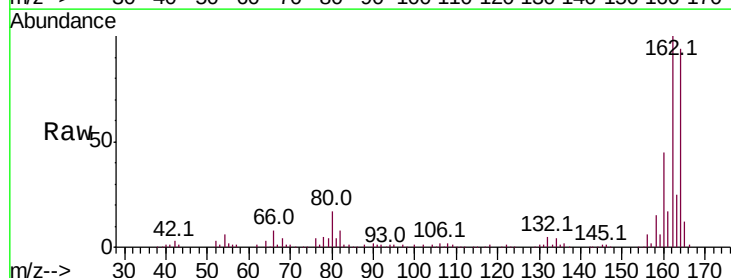
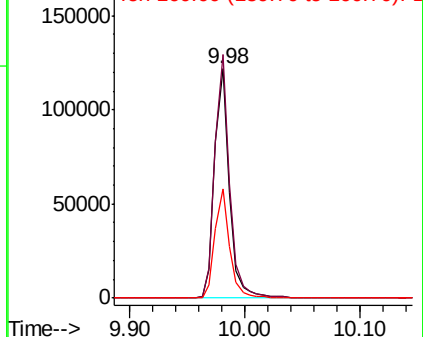
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

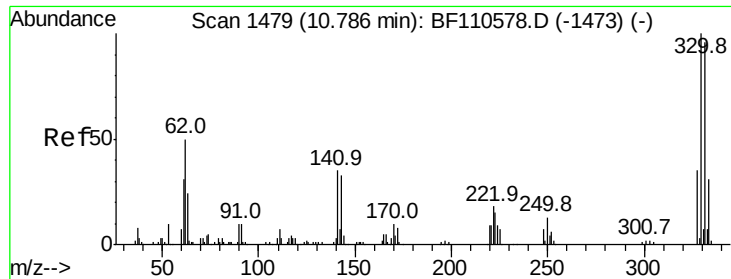


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	47.8	37.0	55.6

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





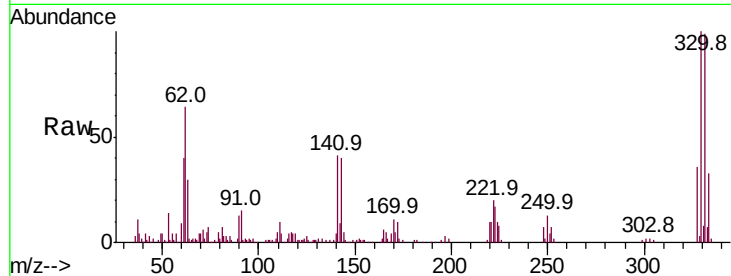
#42
 2,4,6-Tribromophenol
 Concen: 101.399 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Instrument :
 BNA_F
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 LR-RBR-200036

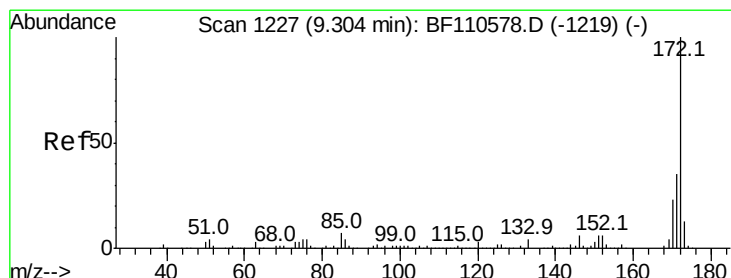
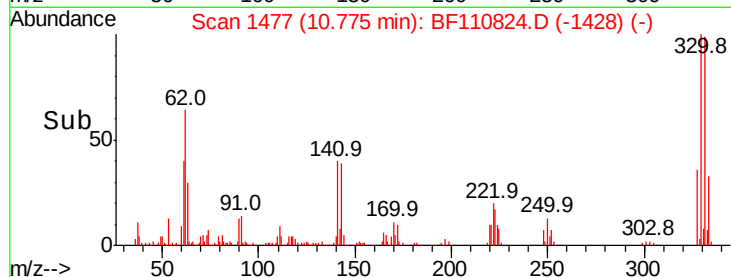
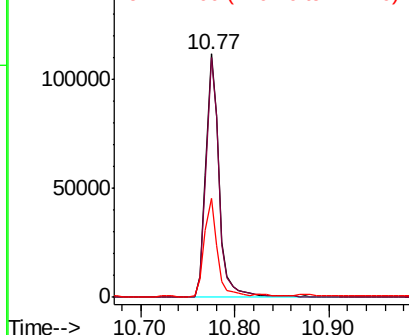
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	38.5	27.0	40.4

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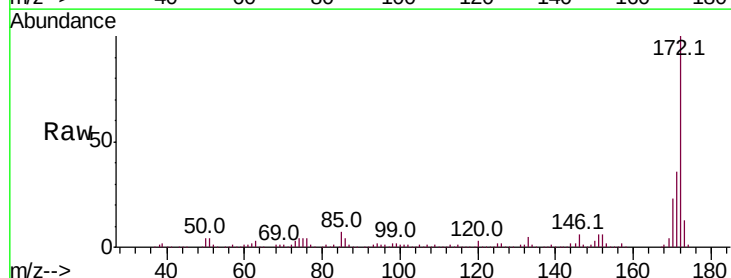


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

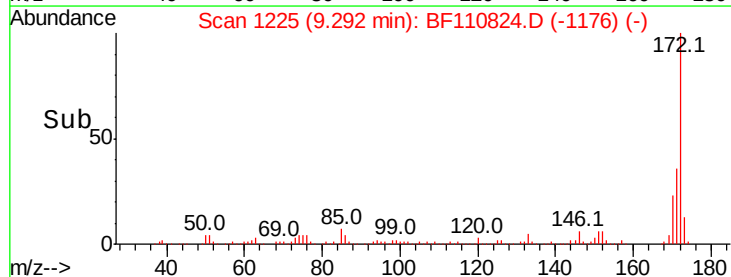
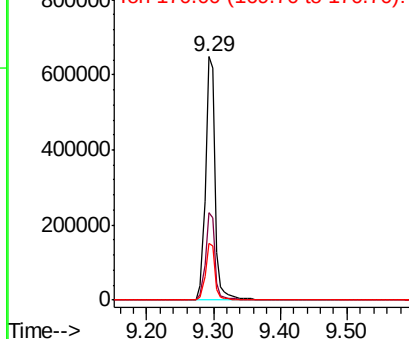


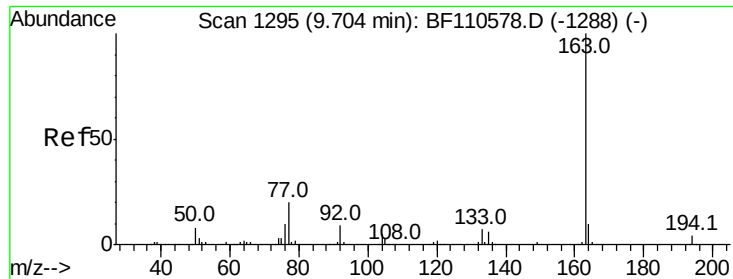
#45
 2-Fluorobiphenyl
 Concen: 84.580 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5



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





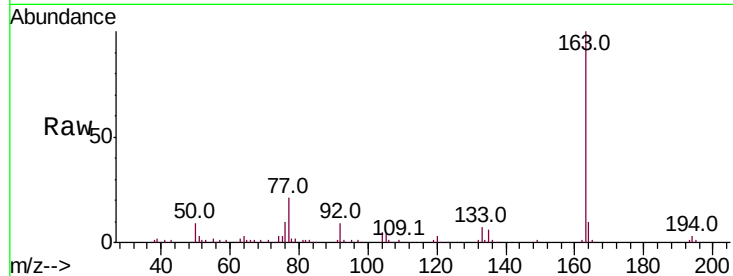
#50
Dimethylphthalate
Concen: 10.427 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110824.D
Acq: 16 Nov 2018 18:40

Instrument :
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ClientSampleId :
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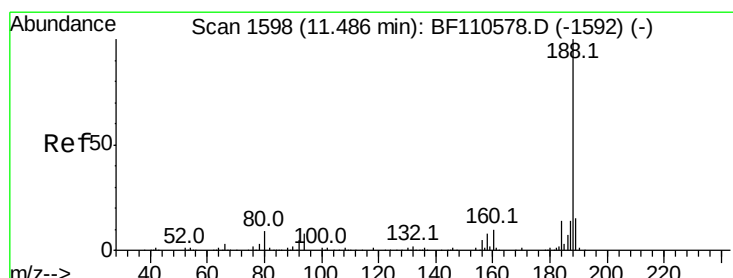
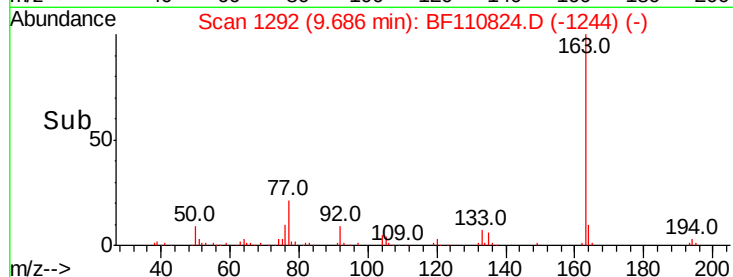
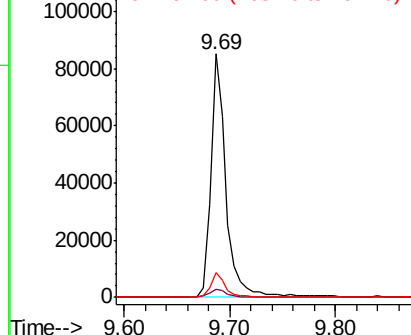
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1

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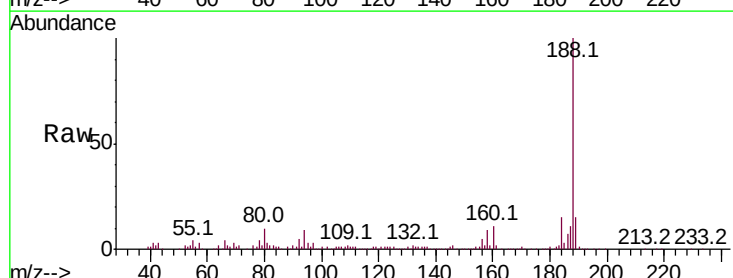


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

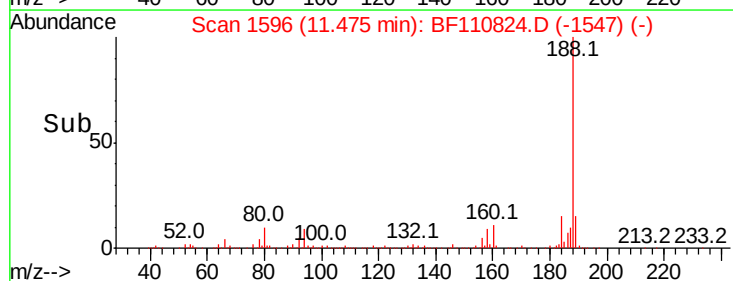
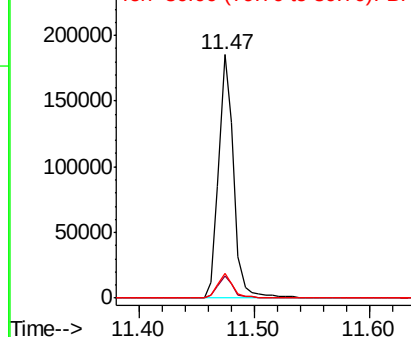


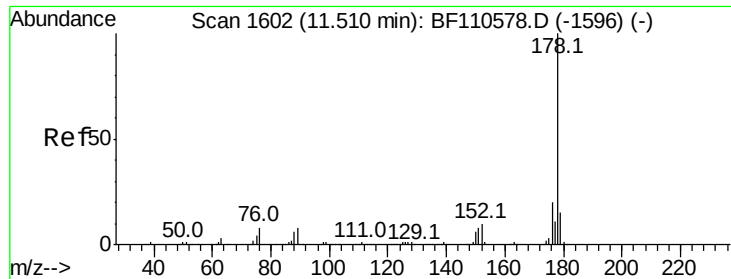
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110824.D
Acq: 16 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.0	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





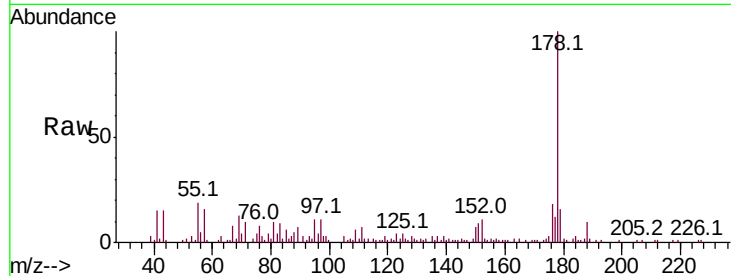
#71
Phenanthrene
Concen: 4.362 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110824.D
Acq: 16 Nov 2018 18:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	18.2	15.5	23.3		
179	15.8	12.5	18.7		

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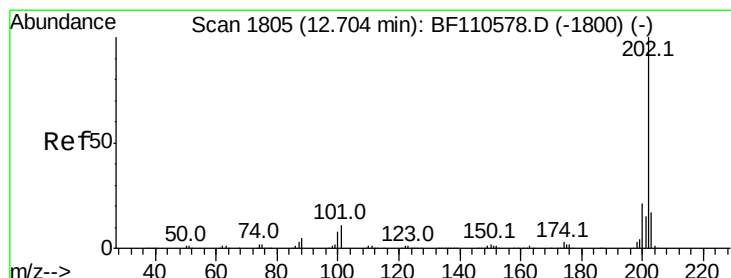
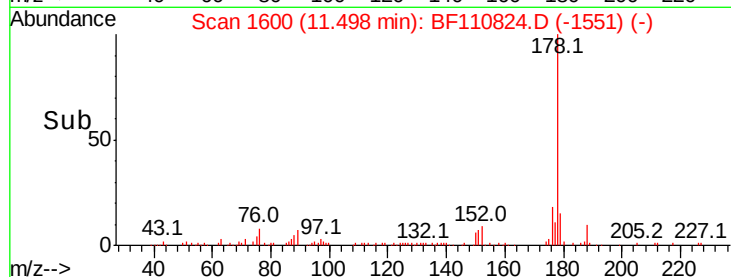
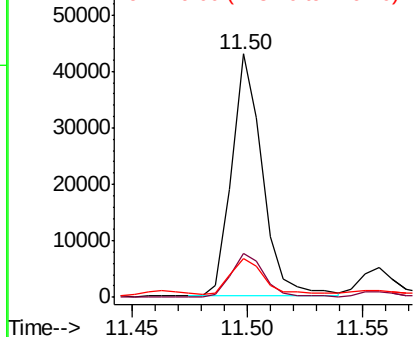


Abundance

Ion 178.00 (177.70 to 178.70): E

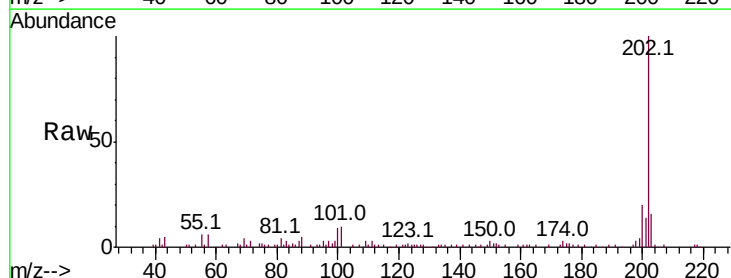
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 7.451 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF110824.D
Acq: 16 Nov 2018 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.5	0.0	31.4		
203	16.3	0.0	37.7		

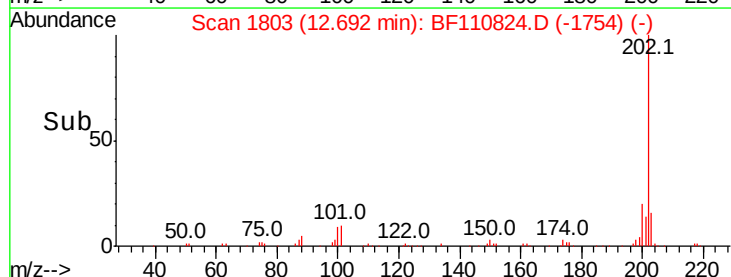
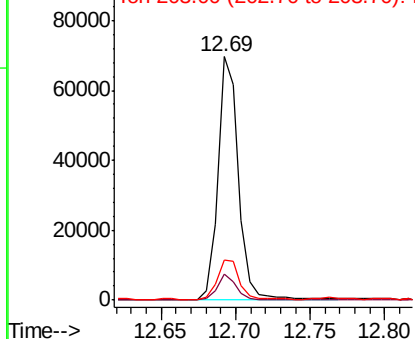


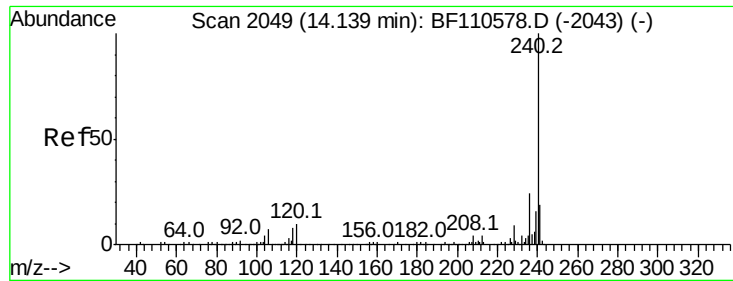
Abundance

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# 2047

Delta R.T. -0.01 min

Lab File: BF110824.D

Acq: 16 Nov 2018 18:40

Instrument :

BNA_F

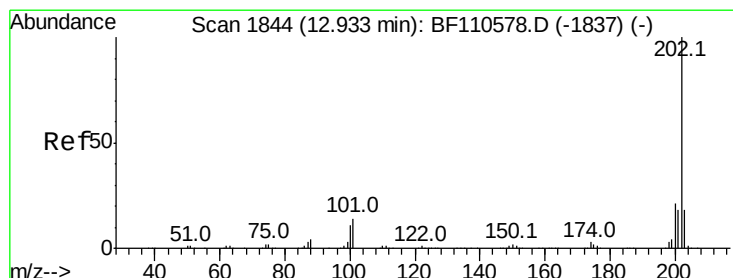
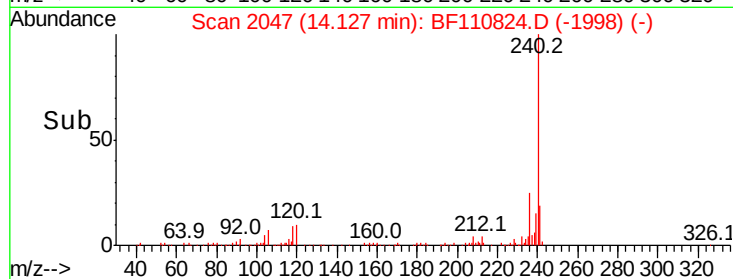
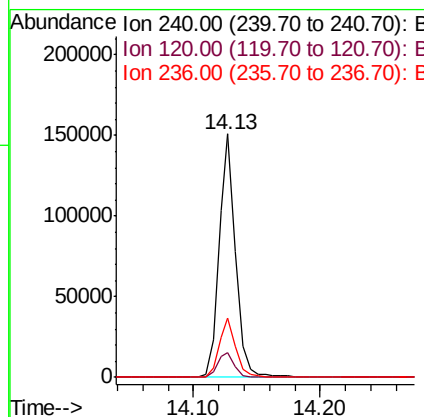
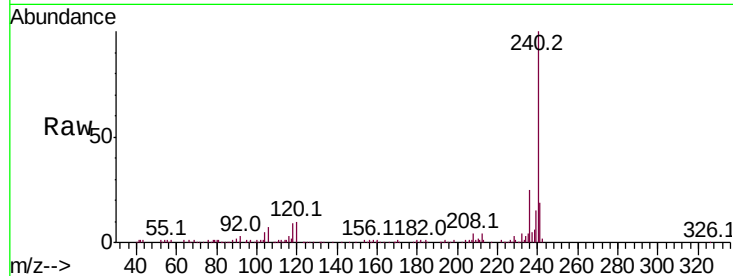
ClientSampleId :

LR-RBR-200036

Tot Ion:	240	Resp:	137607
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.3	12.5
236	24.5	21.2	31.8

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#78

Pyrene

Concen: 4.953 ng

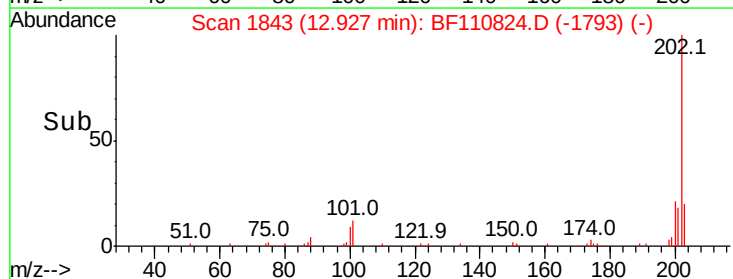
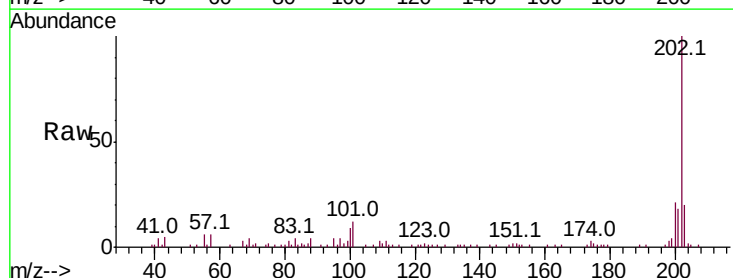
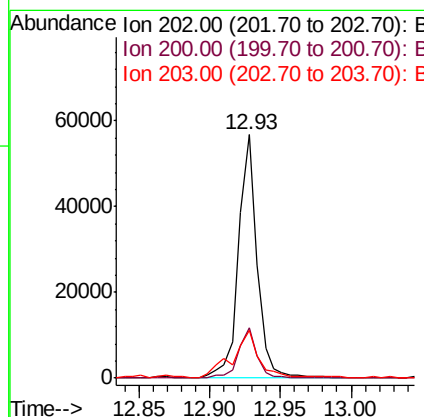
RT: 12.93 min Scan# 1843

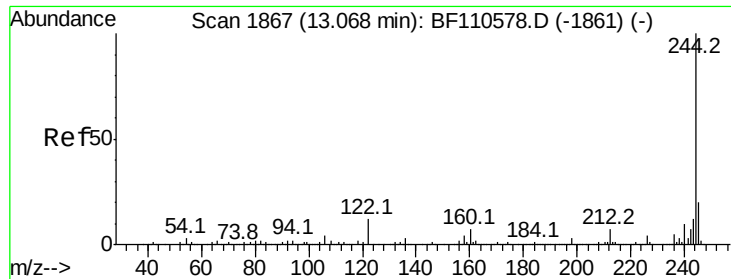
Delta R.T. -0.01 min

Lab File: BF110824.D

Acq: 16 Nov 2018 18:40

Tgt Ion:	202	Resp:	52483
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.8	26.6
203	19.5	14.2	21.4





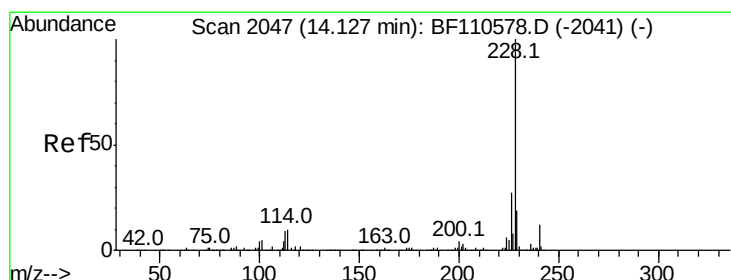
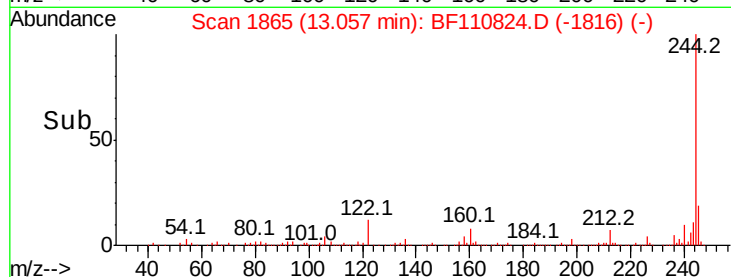
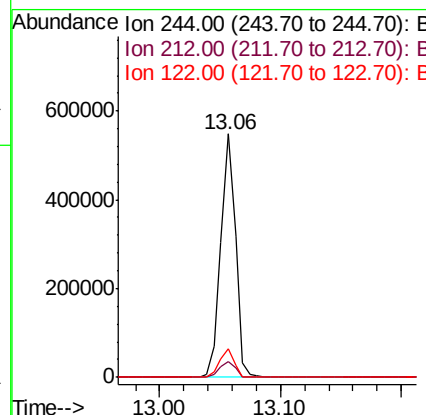
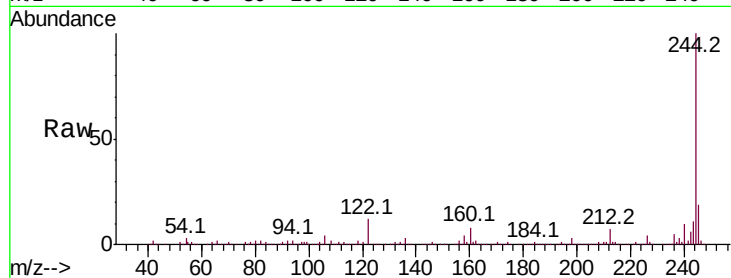
#79
 Terphenyl-d14
 Concen: 62.413 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :
 LR-RBR-200036

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.8	8.8	
122	11.5	8.7	13.1	

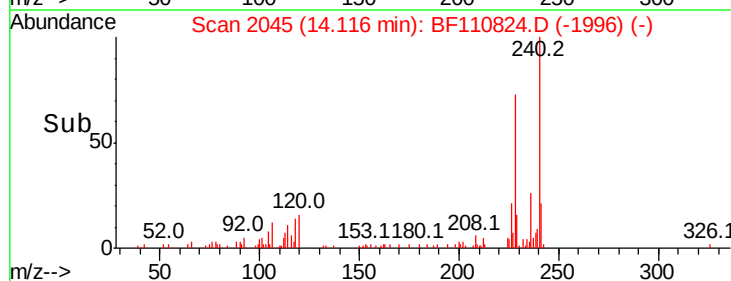
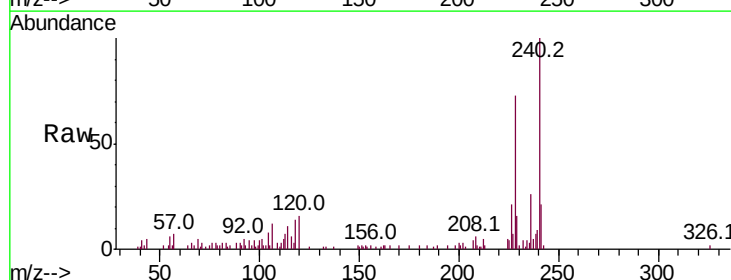
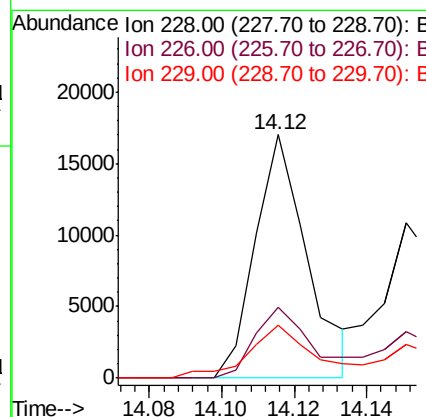
Manual Integrations
 APPROVED

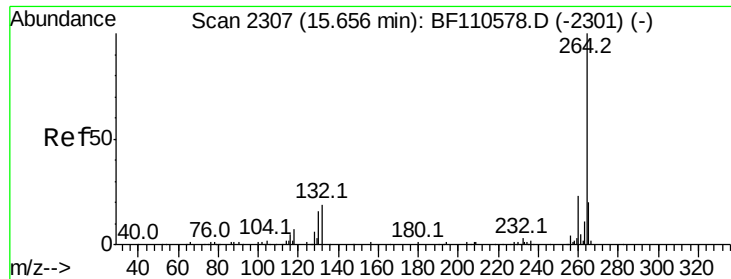
Sohil
 11/19/2018 11:56:00 AM



#81
 Benzo(a)anthracene
 Concen: 2.050 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF110824.D
 Acq: 16 Nov 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.0	22.1	33.1	
229	21.7	15.6	23.4	





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110824.D
Acq: 16 Nov 2018 18:40

Instrument :
BNA_F
ClientSampleId :
LR-RBR-200036

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	18.7	28.1	
265	21.4	16.7	25.1	

Manual Integrations
APPROVED

Sohil
11/19/2018 11:56:00 AM

