

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110620.D
 Acq On : 9 Nov 2018 11:52
 Operator : JU/SJ
 Sample : J5839-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Manual Integrations
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Sohil
 11/12/2018 10:29:59 AM

Quant Time: Nov 09 15:59:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78011	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	307331	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	126430	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	184020	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158219	20.00	ng	-0.01
87) Perylene-d12	15.66	264	122790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	601217	125.18	ng	0.00
7) Phenol-d6	6.57	99	767347	124.94	ng	0.00
23) Nitrobenzene-d5	7.51	82	482122	90.34	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110279	86.57	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	845036	95.46	ng	0.00
79) Terphenyl-d14	13.06	244	595438	70.48	ng	0.00
Target Compounds						
10) Phenol	6.59	94	50190	7.048	ng	Qvalue # 63
50) Dimethylphthalate	9.69	163	127863	13.554	ng	99
71) Phenanthrene	11.50	178	49416	5.012	ng	98
75) Fluoranthene	12.70	202	44891	4.542	ng	99
78) Pyrene	12.93	202	36583	3.003	ng	97
88) Benzo(b)fluoranthene	15.20	252	15810m	2.152	ng	

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

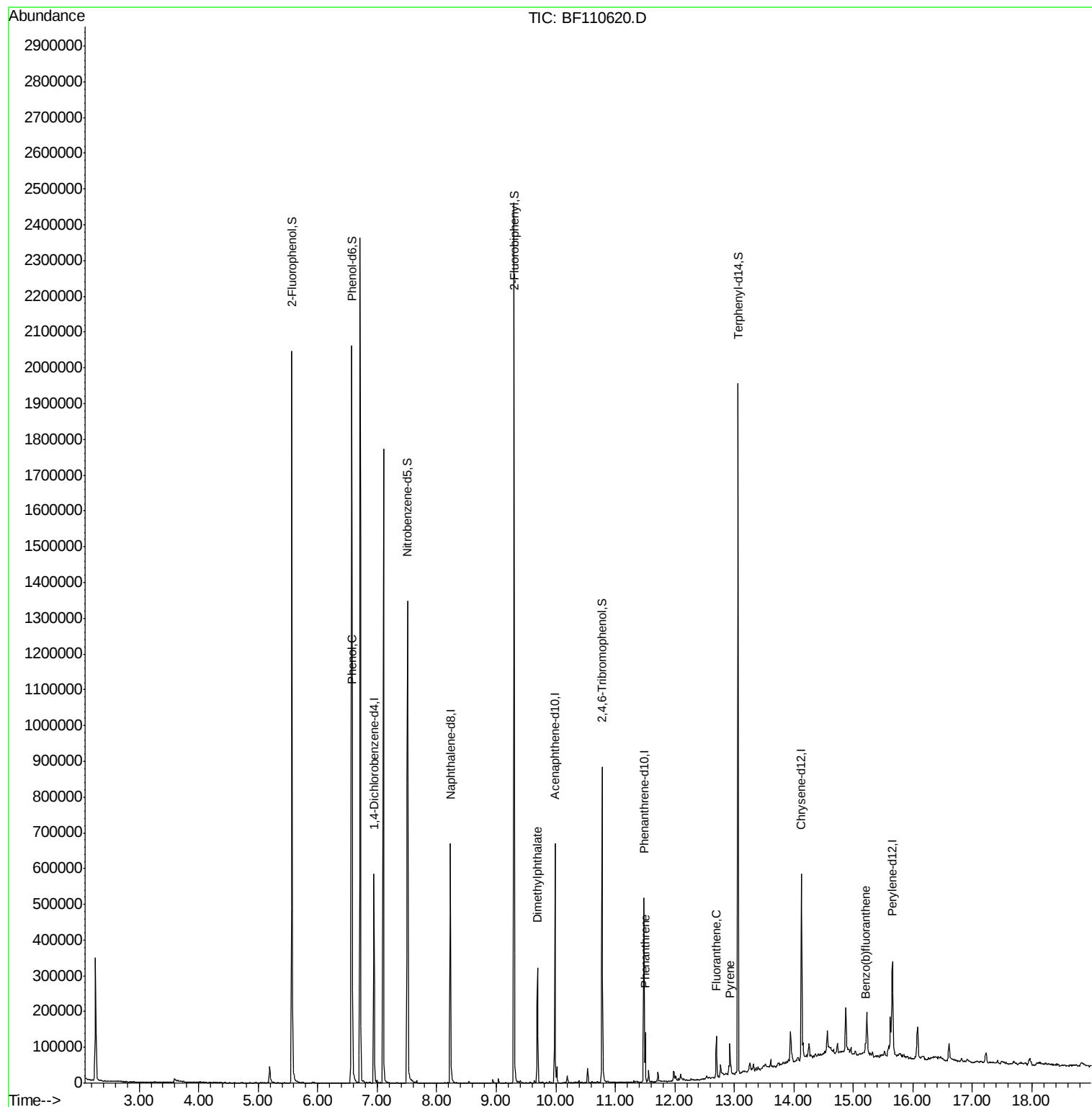
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110620.D
Acq On : 9 Nov 2018 11:52
Operator : JU/SJ
Sample : J5839-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

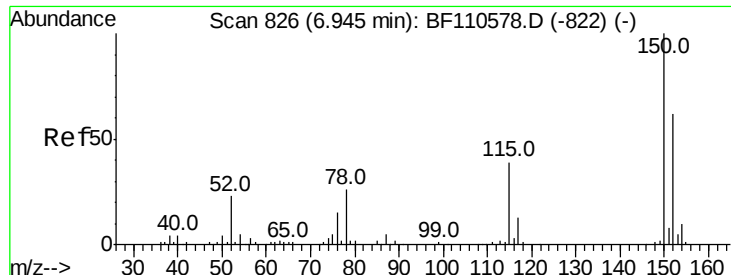
Instrument :
BNA_F
ClientSampleId :
SB-4

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Quant Time: Nov 09 15:59:33 2018
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

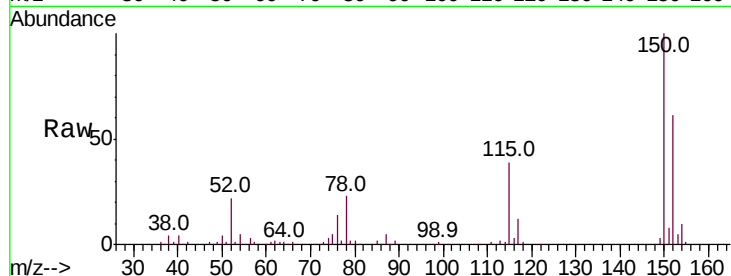
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	122.7	184.1
115	63.8	49.1	73.7

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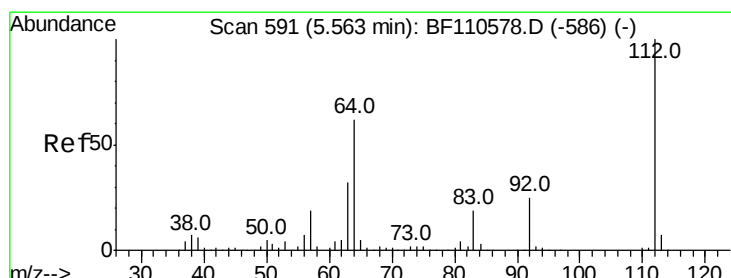
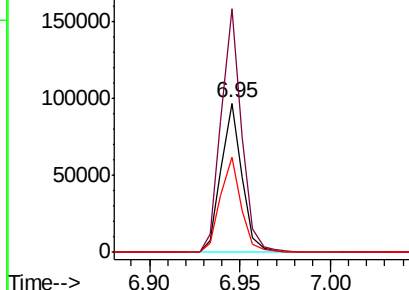
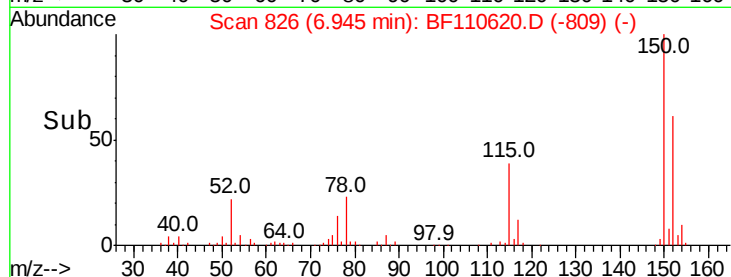


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

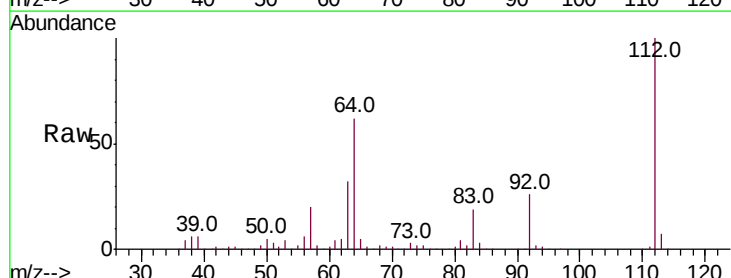
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.183 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	32.5	23.7	35.5

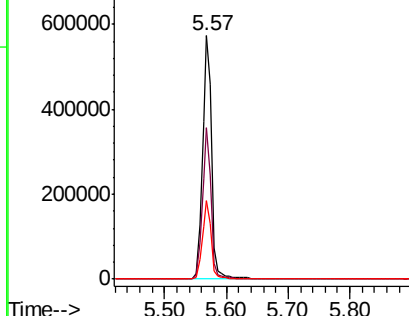
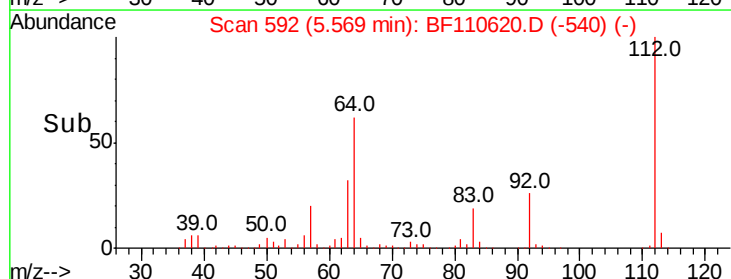


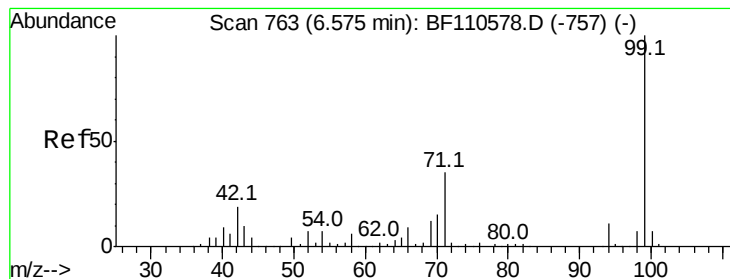
Abundance

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: 124.945 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110620.D

Acq: 9 Nov 2018 11:52

Instrument :

BNA_F

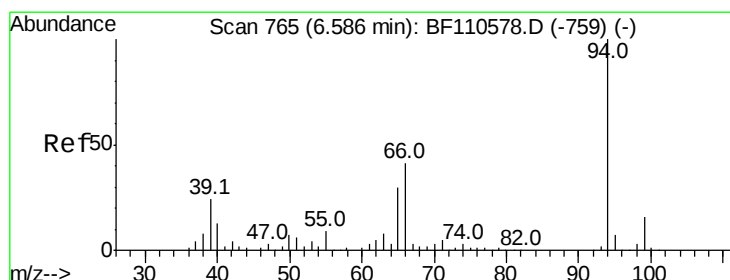
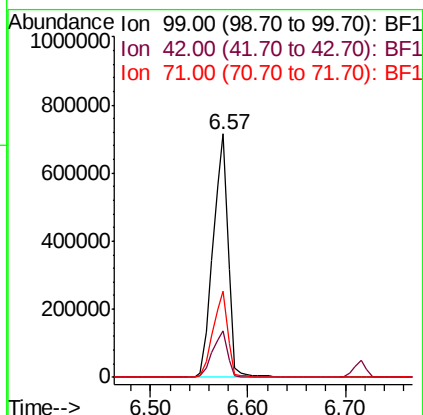
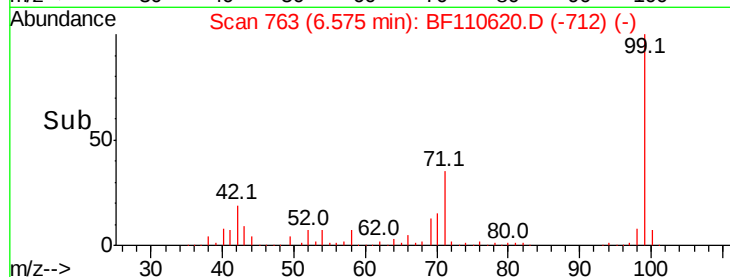
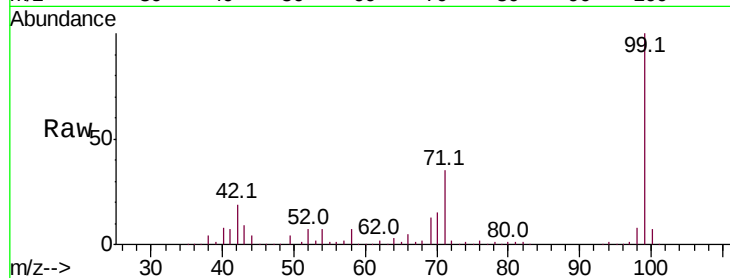
ClientSampled :

SB-4

Tot Ion	Ratio	Resp	Lower	Upper
99	100	767347		
42	19.2	15.8	23.6	
71	35.2	28.0	42.0	

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#10

Phenol

Concen: 7.048 ng

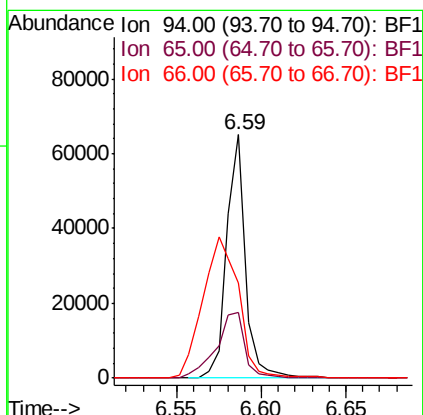
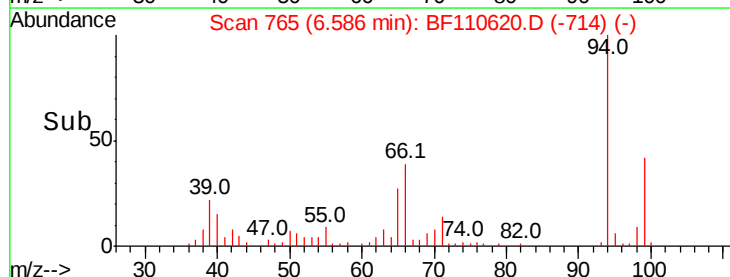
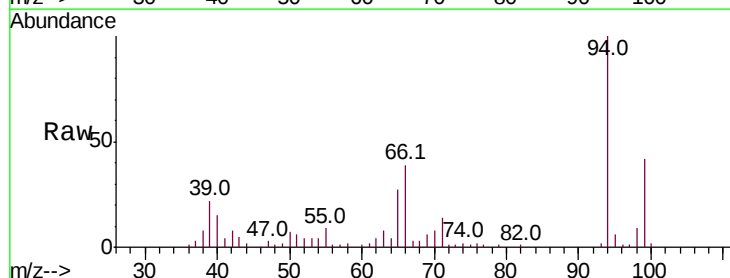
RT: 6.59 min Scan# 765

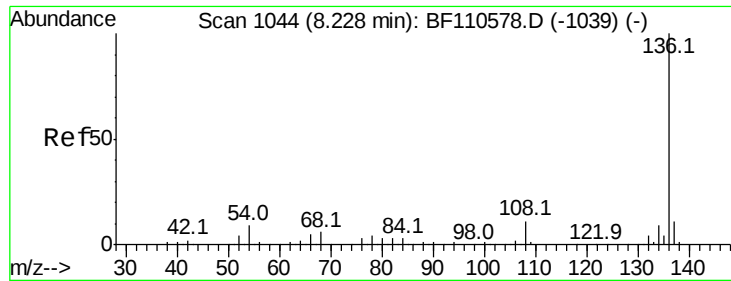
Delta R.T. 0.00 min

Lab File: BF110620.D

Acq: 9 Nov 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	50190		
65	27.0	25.3	65.3	
66	38.9	54.5	94.5#	





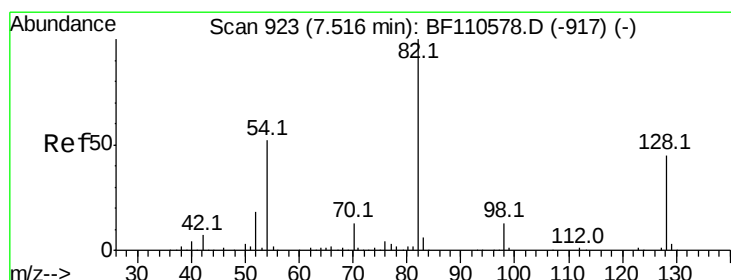
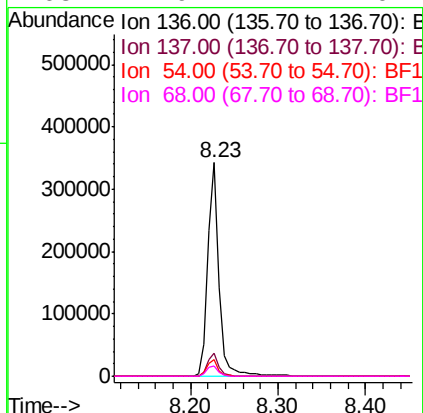
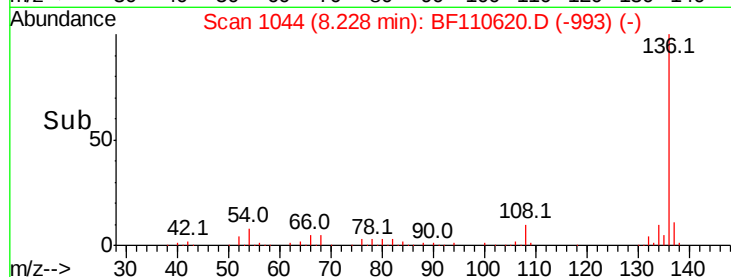
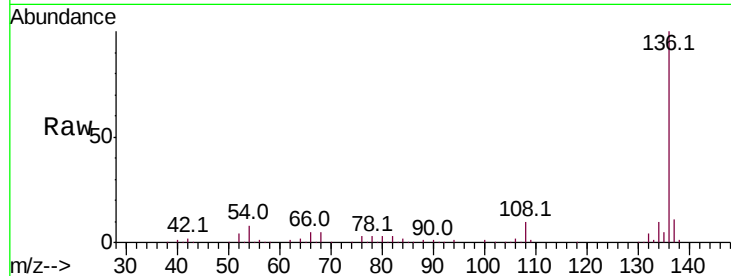
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion	136	137	54	68
Ratio	100	10.8	7.6	4.9
Resp Lower		8.8	5.4	4.2
Upper		13.2	8.2	6.2

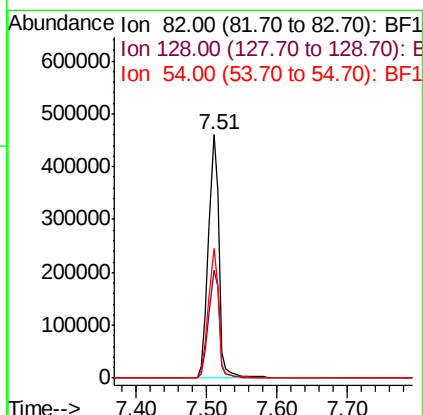
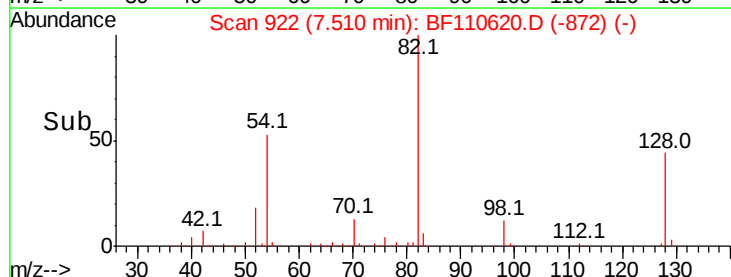
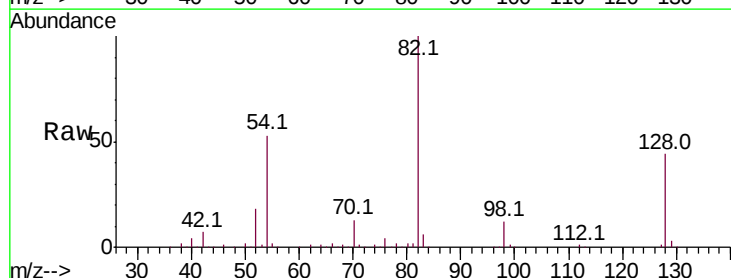
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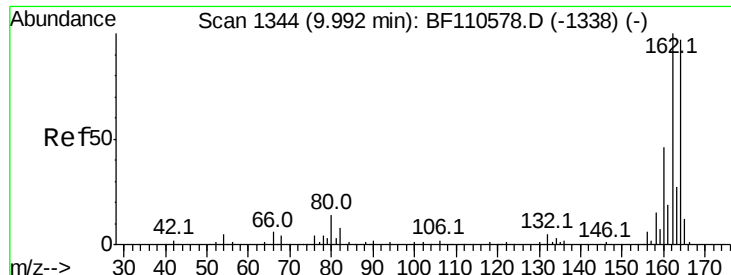
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#23
Nitrobenzene-d5
Concen: 90.343 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion	82	128	54
Ratio	100	44.1	53.3
Resp Lower		34.2	38.6
Upper		51.2	58.0





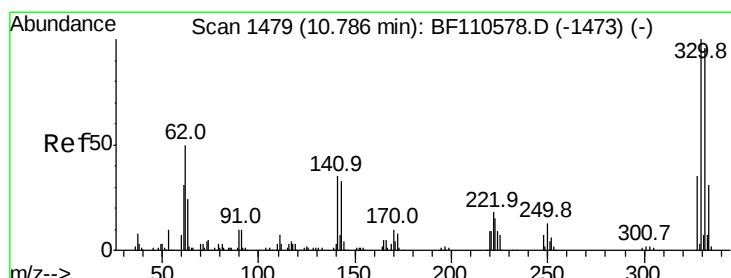
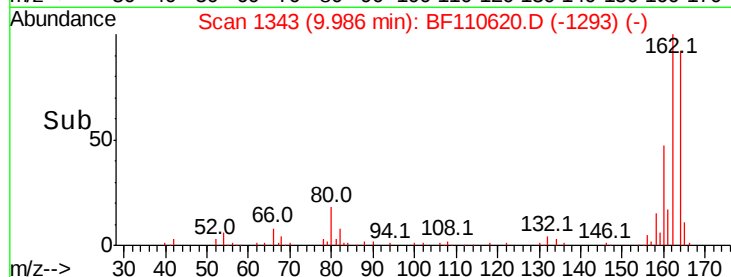
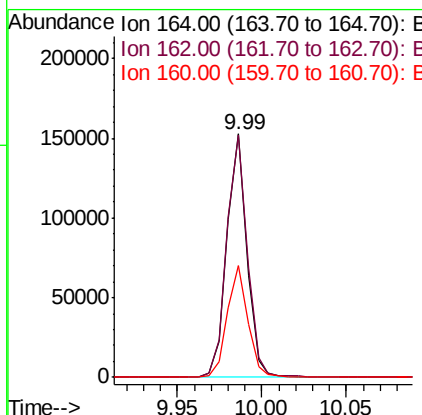
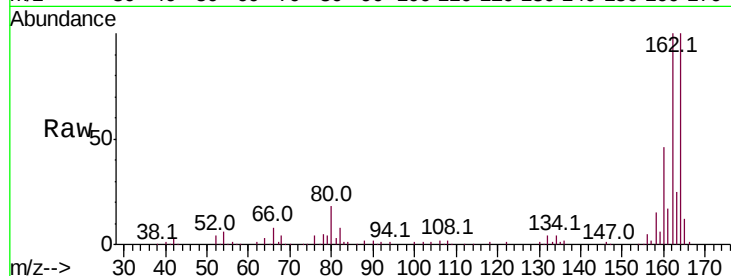
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	83.0	124.6
160	46.0	37.0	55.6

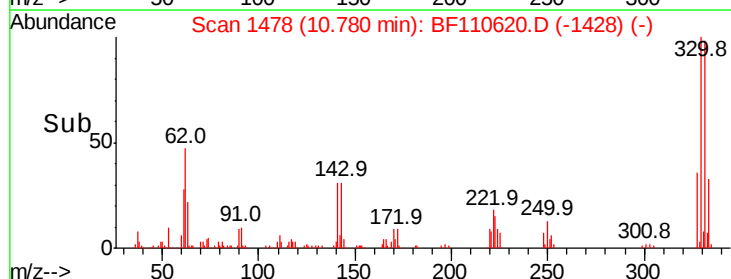
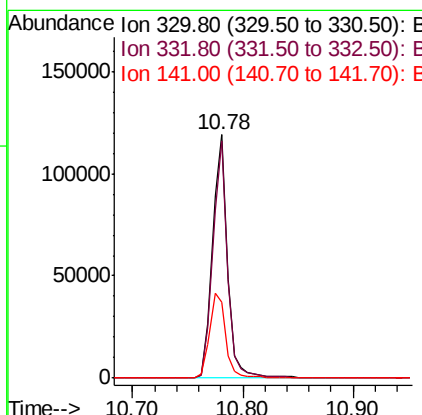
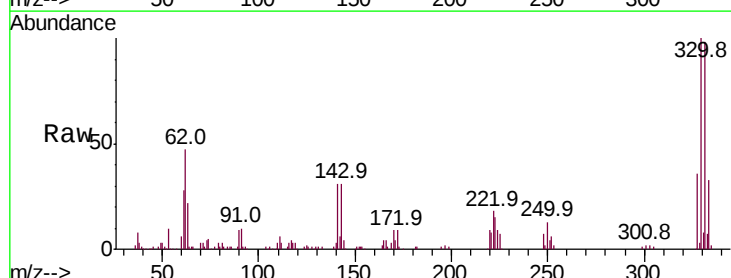
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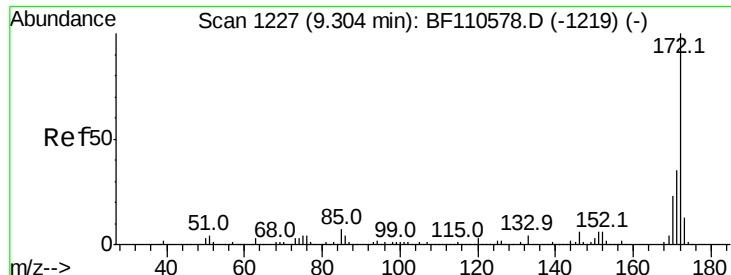
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#42
2,4,6-Tribromophenol
Concen: 86.565 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	37.2	27.0	40.4





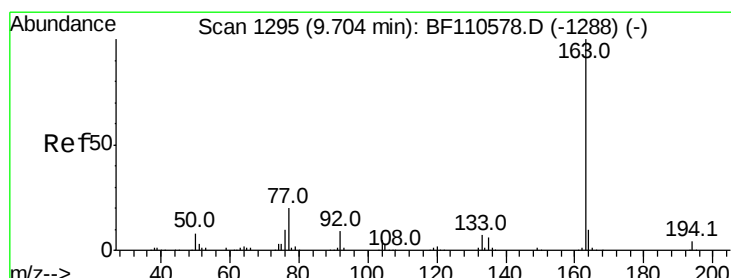
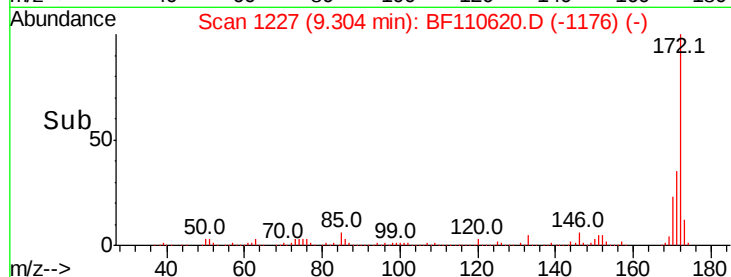
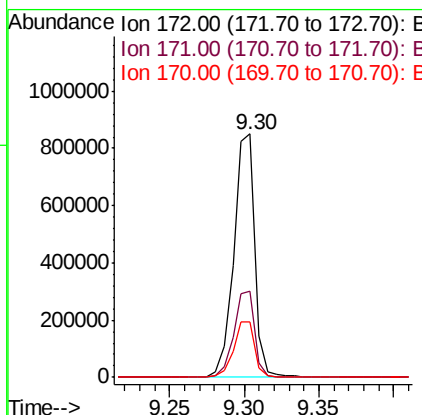
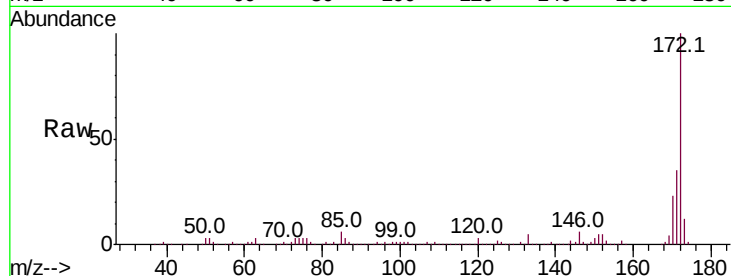
#45
2-Fluorobiphenyl
Concen: 95.457 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion	Ratio	Resp	Lower	Upper
172	100	845036		
171	35.4		28.6	43.0
170	23.0		19.7	29.5

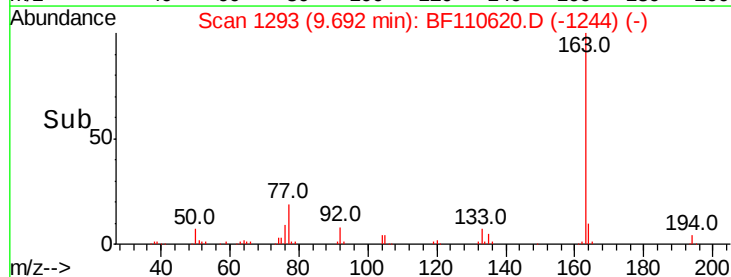
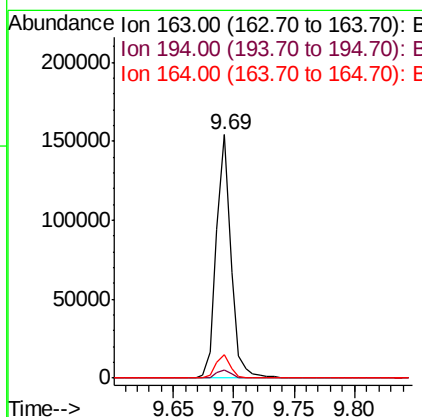
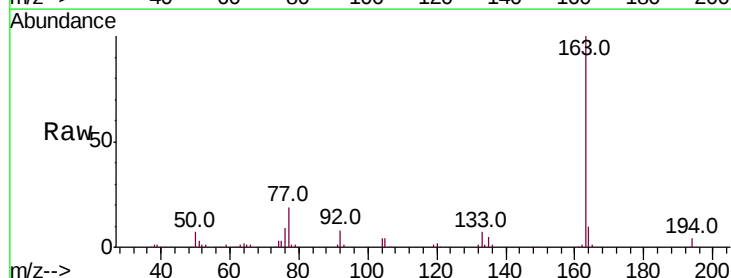
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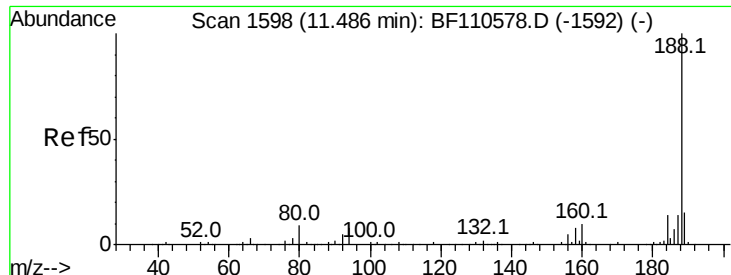
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#50
Dimethylphthalate
Concen: 13.554 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	127863		
194	3.5		3.2	4.8
164	9.7		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110620.D

Acq: 9 Nov 2018 11:52

Instrument :

BNA_F

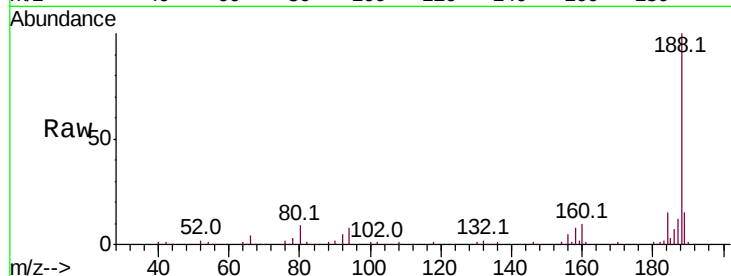
ClientSampled :

SB-4

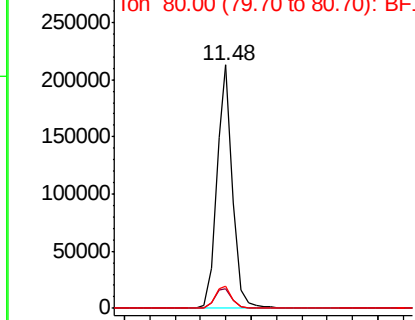
Tot Ion:	188	Resp:	184020
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.2	10.8
80	9.1	7.9	11.9

Manual Integrations
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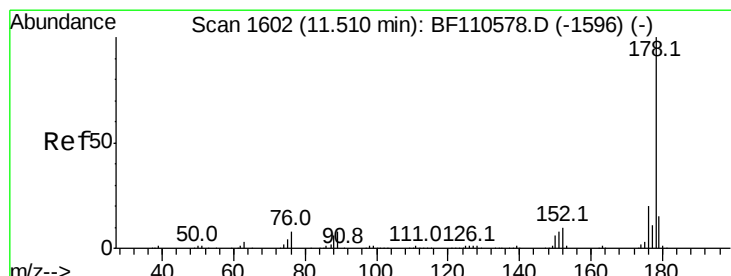
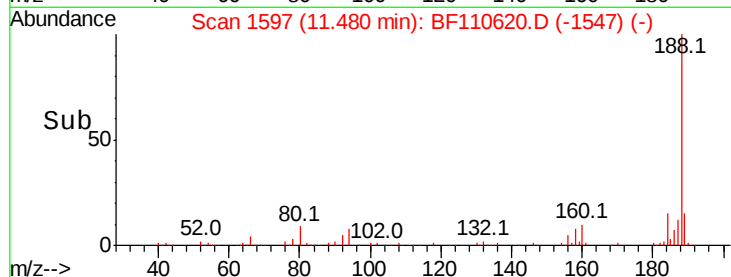
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.40 11.50 11.60



#71

Phenanthrene

Concen: 5.012 ng

RT: 11.50 min Scan# 1601

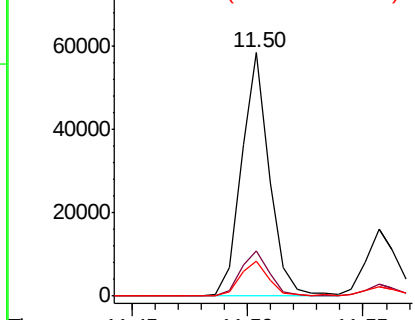
Delta R.T. -0.01 min

Lab File: BF110620.D

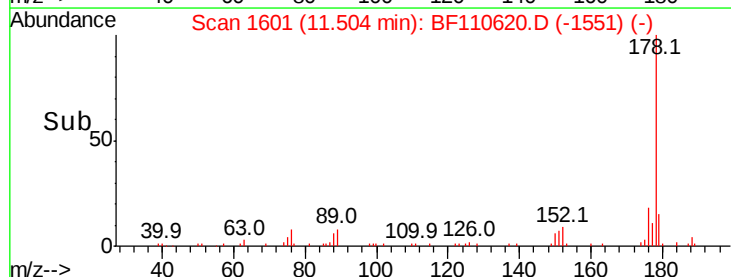
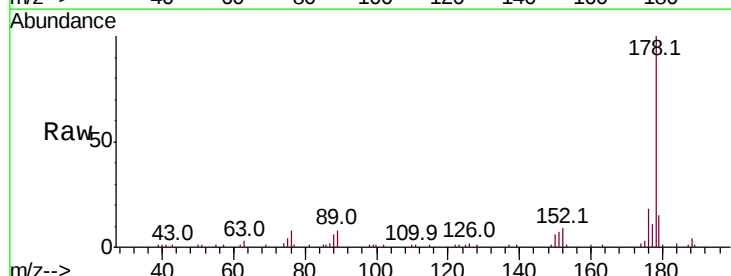
Acq: 9 Nov 2018 11:52

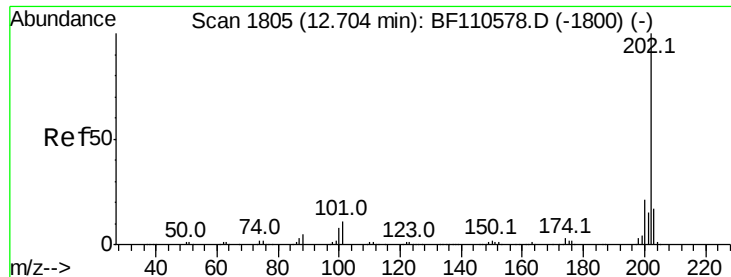
Tgt Ion:	178	Resp:	49416
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.5	23.3
179	14.6	12.5	18.7

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



Time--> 11.45 11.50 11.55





#75

Fluoranthene

Concen: 4.542 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110620.D

Acq: 9 Nov 2018 11:52

Instrument :

BNA_F

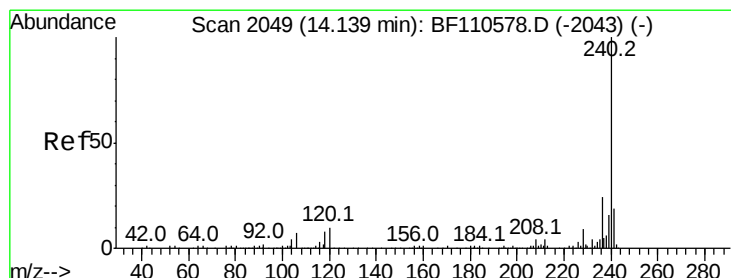
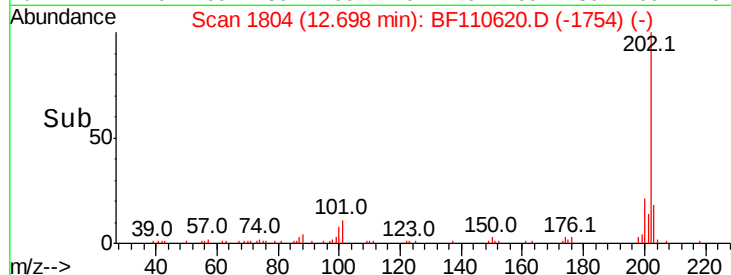
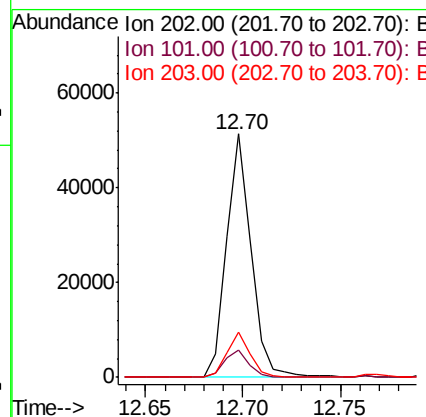
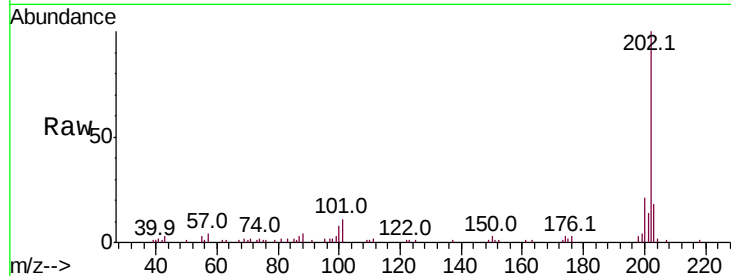
ClientSampleId :

SB-4

Tot Ion:	202	Resp:	44891
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.4
203	18.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

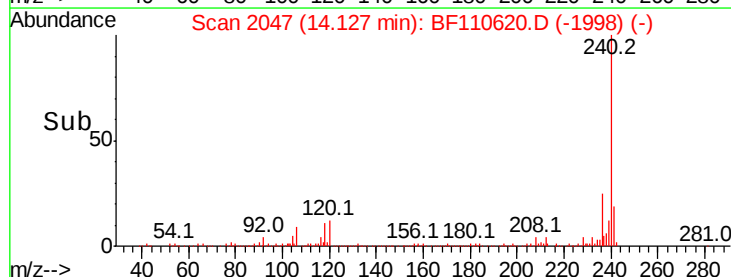
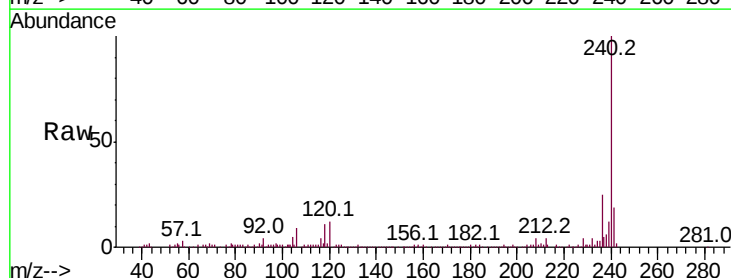
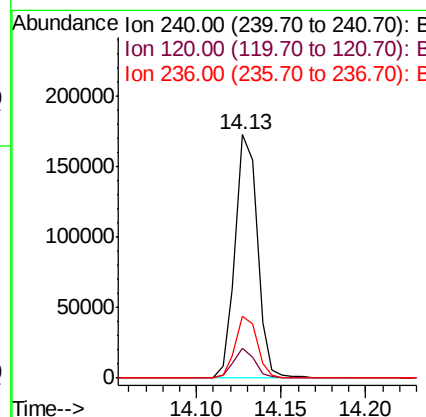
RT: 14.13 min Scan# 2047

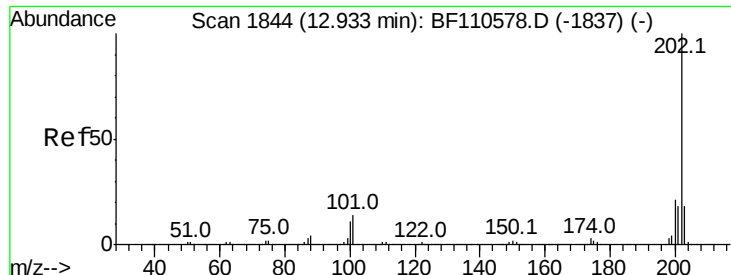
Delta R.T. -0.01 min

Lab File: BF110620.D

Acq: 9 Nov 2018 11:52

Tgt Ion:	240	Resp:	158219
Ion Ratio	Lower	Upper	
240	100		
120	12.2	8.3	12.5
236	25.4	21.2	31.8





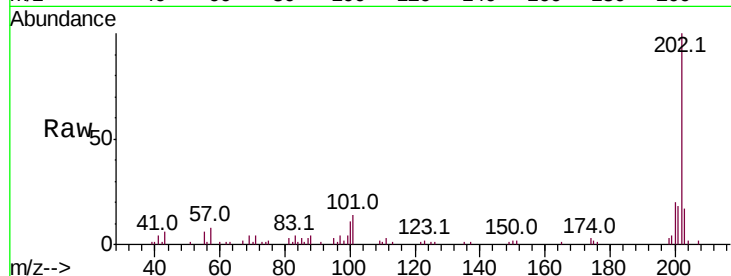
#78
Pvrene
Concen: 3.003 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.7	17.8	26.6
203	17.5	14.2	21.4

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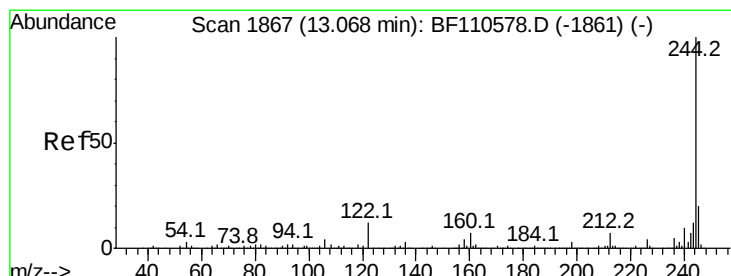
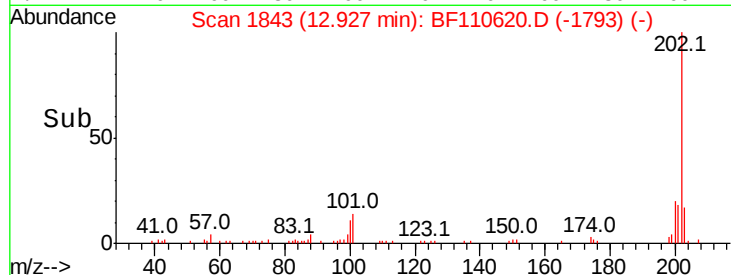
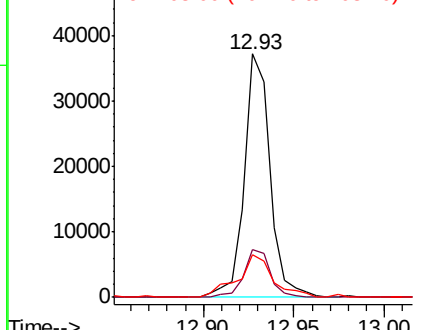


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 70.479 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110620.D
Acq: 9 Nov 2018 11:52

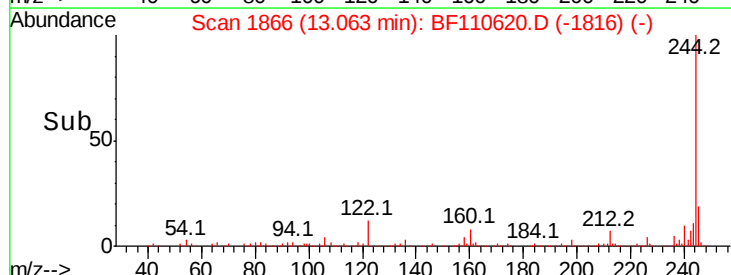
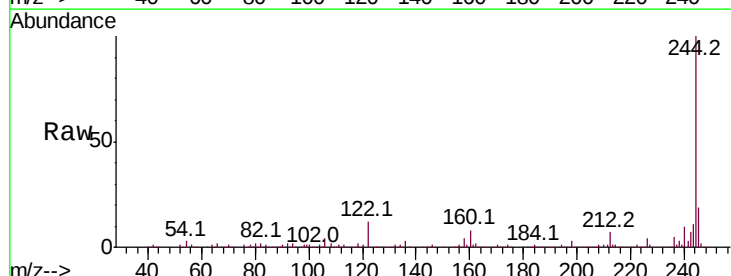
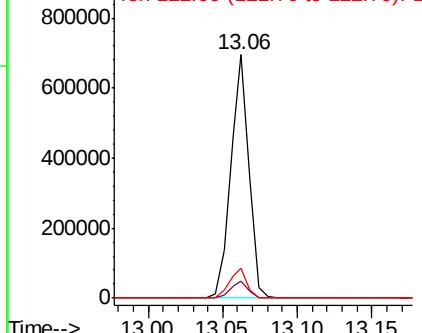
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.2	8.7	13.1

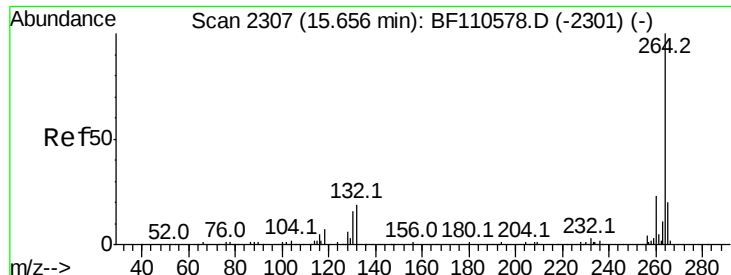
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





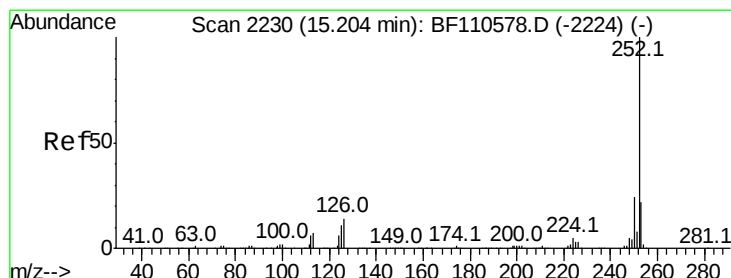
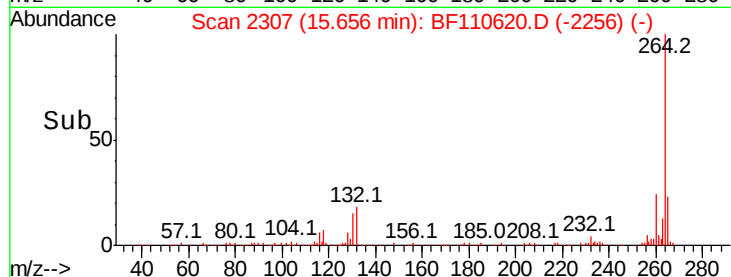
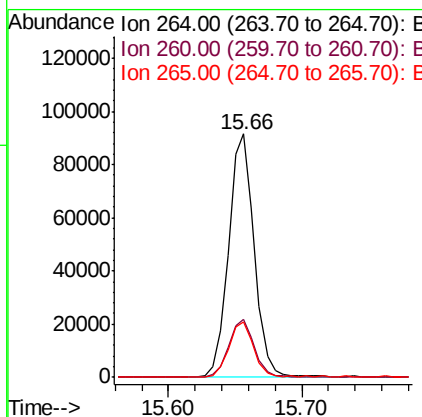
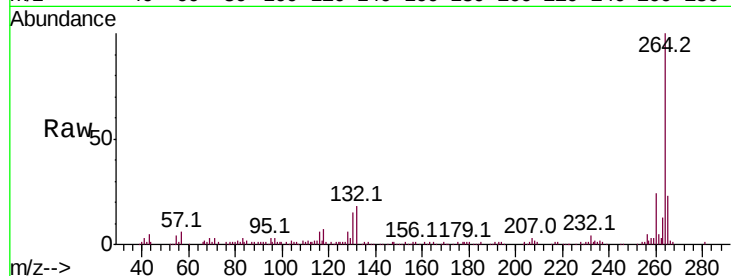
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110620.D
 Acq: 9 Nov 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.6	16.7	25.1

Manual Integrations
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#88
 Benzo(b)fluoranthene
 Concen: 2.152 ng m
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF110620.D
 Acq: 9 Nov 2018 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	19.6	8.2	12.4#

