

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110602.D
 Acq On : 8 Nov 2018 23:08
 Operator : JU/SJ
 Sample : J5838-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Manual Integrations
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Quant Time: Nov 09 12:43:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87370	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	350824	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	167576	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	322506	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	207987	20.00	ng	-0.01
87) Perylene-d12	15.65	264	173091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	777079	144.47	ng	0.00
7) Phenol-d6	6.57	99	997057	144.96	ng	0.00
23) Nitrobenzene-d5	7.51	82	640019	105.06	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	239733	141.98	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1123861	95.78	ng	0.00
79) Terphenyl-d14	13.06	244	1074165	96.72	ng	0.00
Target Compounds						
10) Phenol	6.59	94	47954	6.013	ng	Qvalue # 63
50) Dimethylphthalate	9.69	163	89259	7.138	ng	100
75) Fluoranthene	12.70	202	53621	3.095	ng	98
78) Pyrene	12.93	202	42658	2.664	ng	98
88) Benzo(b)fluoranthene	15.20	252	25545m	2.467	ng	

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

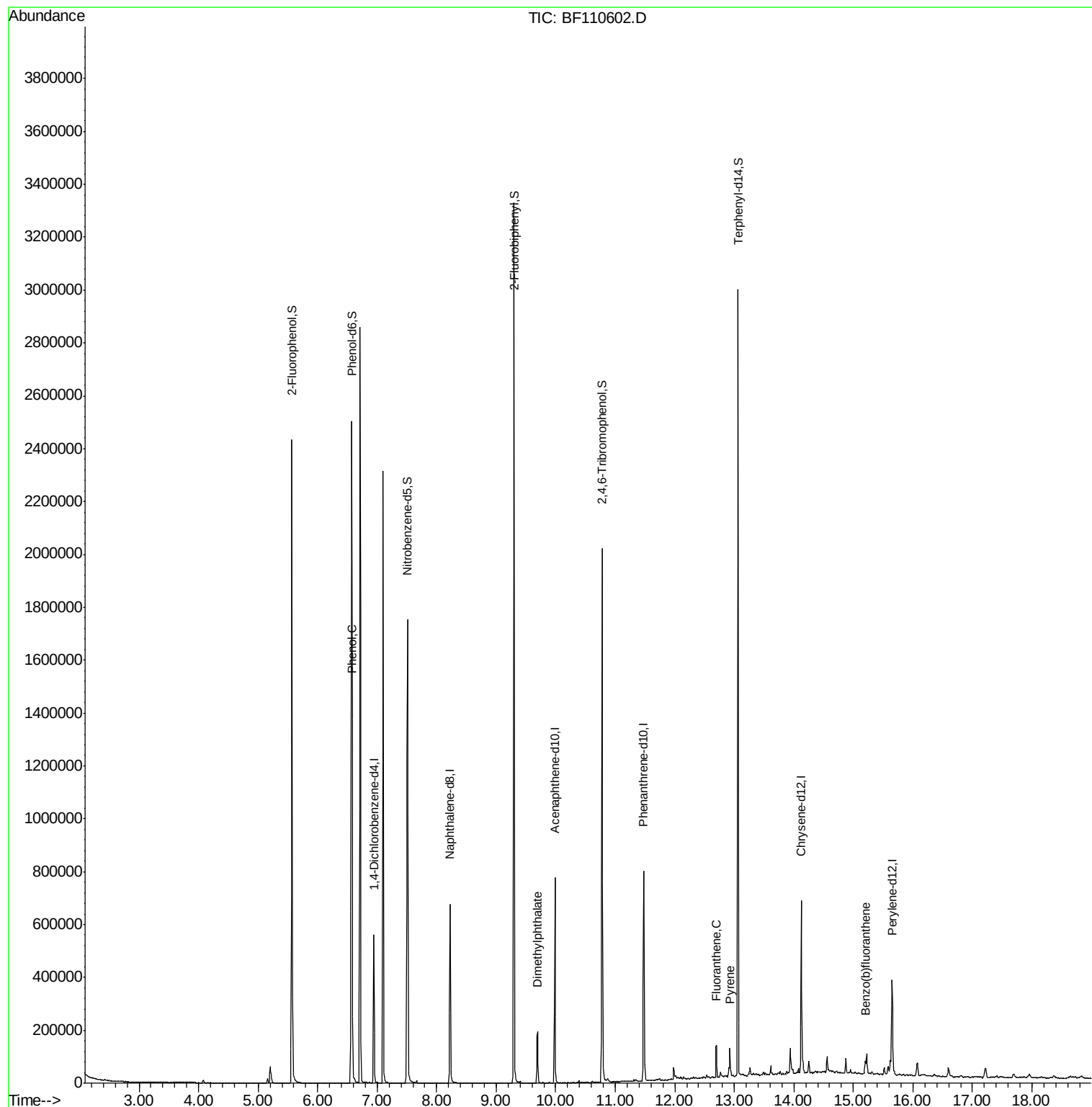
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110602.D
Acq On : 8 Nov 2018 23:08
Operator : JU/SJ
Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

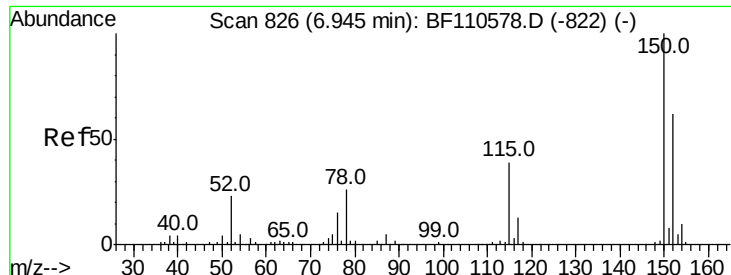
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

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Quant Time: Nov 09 12:43:44 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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Response via : Initial Calibration





#1

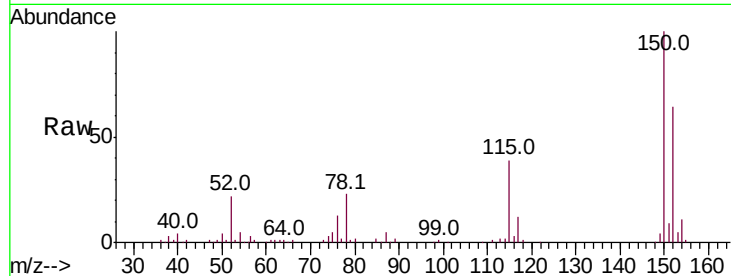
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampled :
HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	60.7	49.1	73.7

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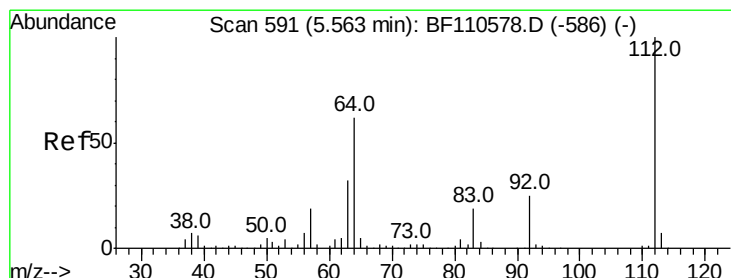
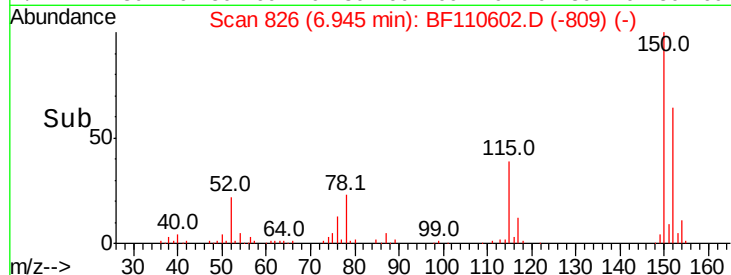
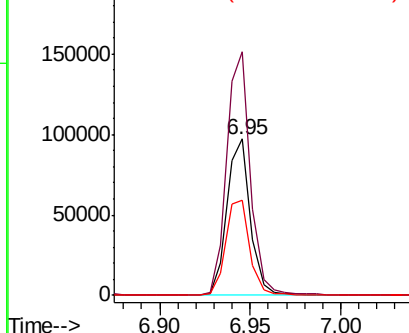


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

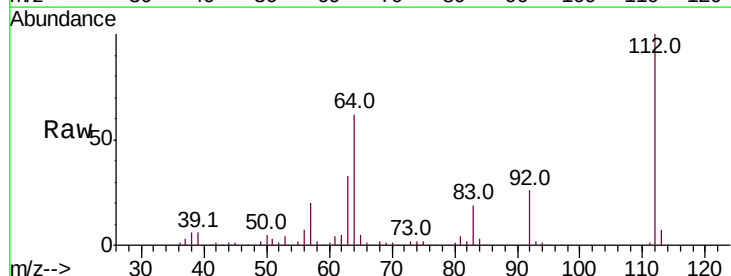
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.468 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	44.1	66.1
63	32.7	23.7	35.5

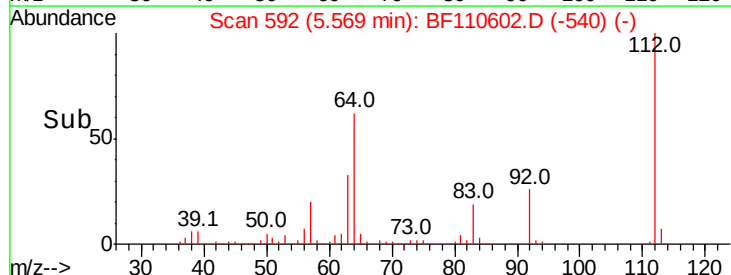
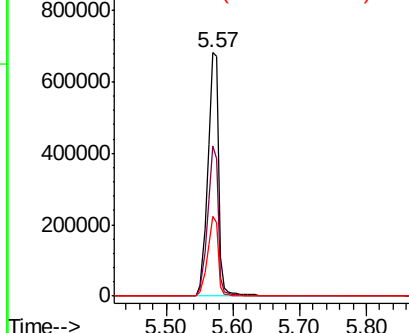


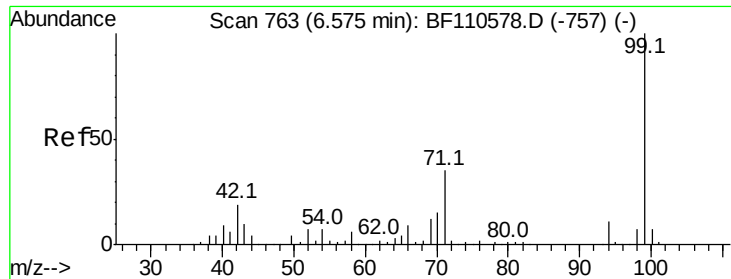
Abundance

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: 144.957 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110602.D

Acq: 8 Nov 2018 23:08

Instrument :

BNA_F

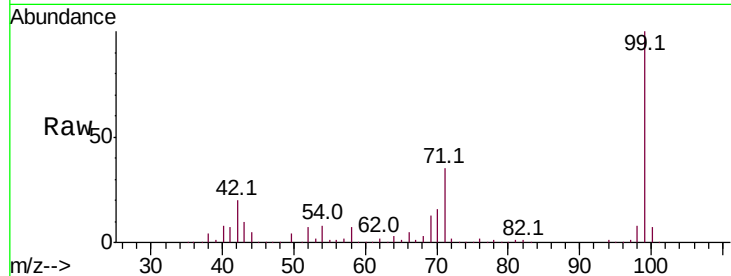
ClientSampled :

HC-SOIL-2

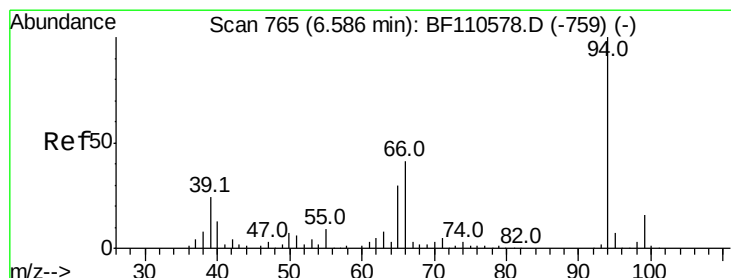
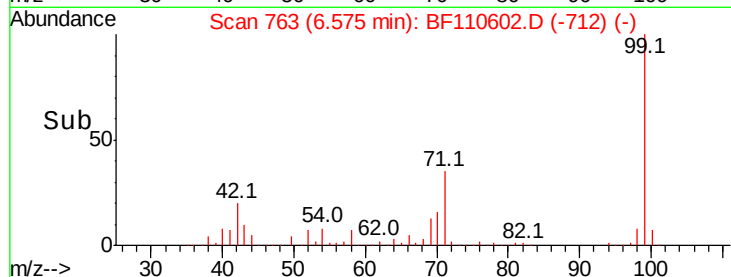
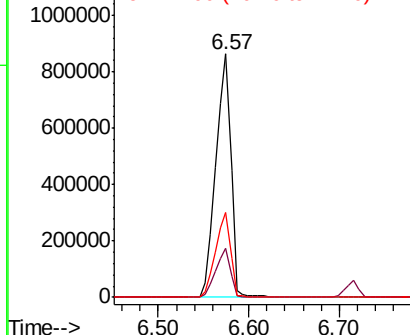
Tot Ion	99	Resp	997057
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	35.0	28.0	42.0

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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



#10

Phenol

Concen: 6.013 ng

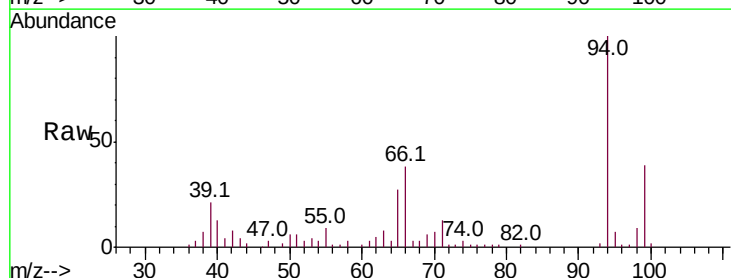
RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

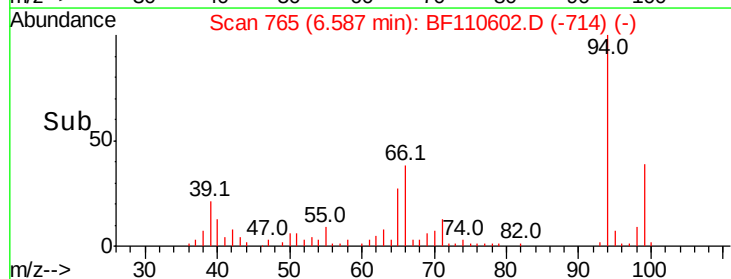
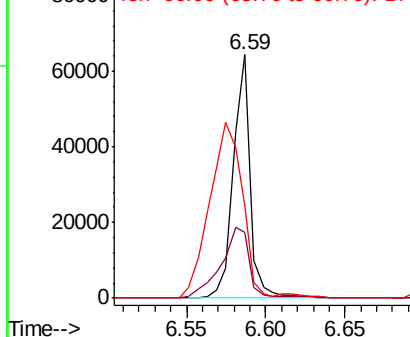
Lab File: BF110602.D

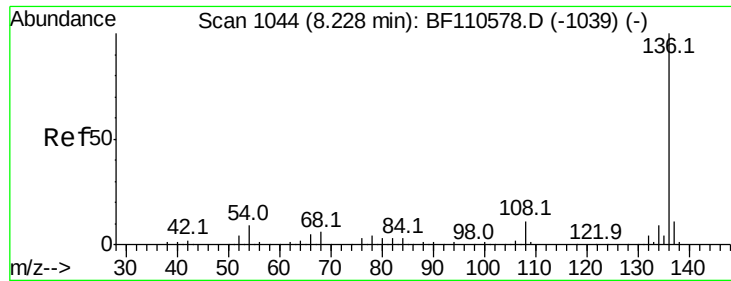
Acq: 8 Nov 2018 23:08

Tgt Ion	94	Resp	47954
Ion Ratio	Lower	Upper	
94	100		
65	27.0	25.3	65.3
66	38.3	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





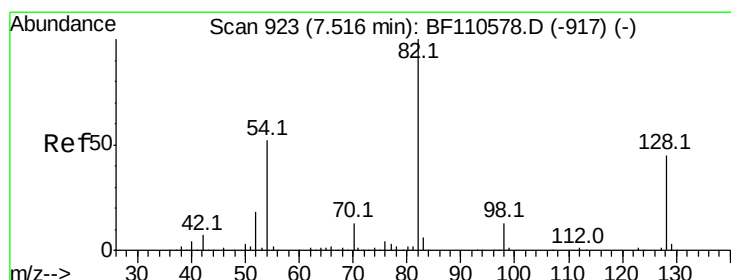
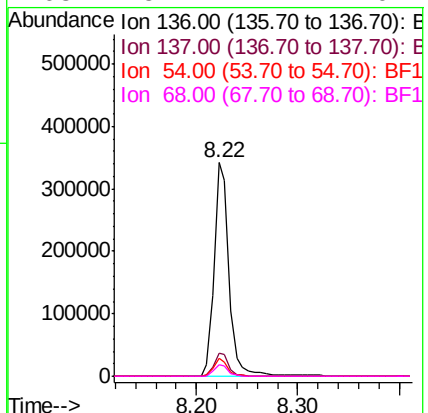
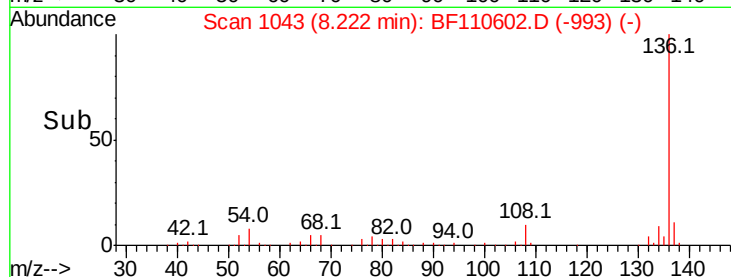
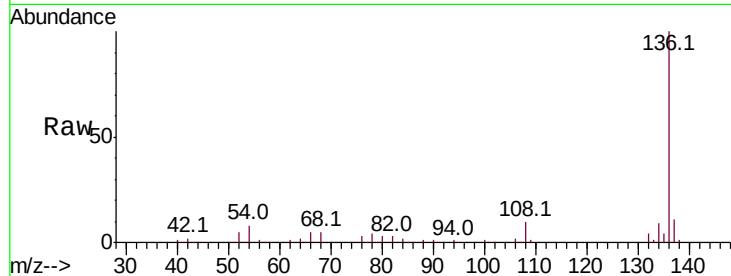
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampled :
HC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	8.3	5.4	8.2#	
68	5.4	4.2	6.2	

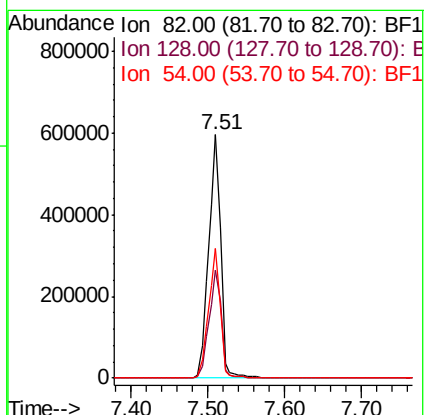
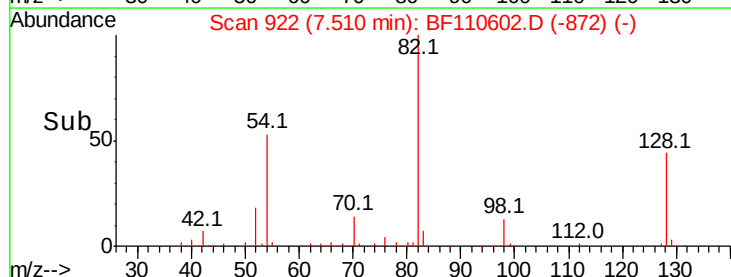
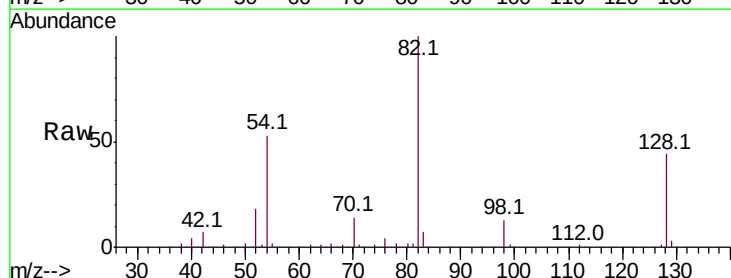
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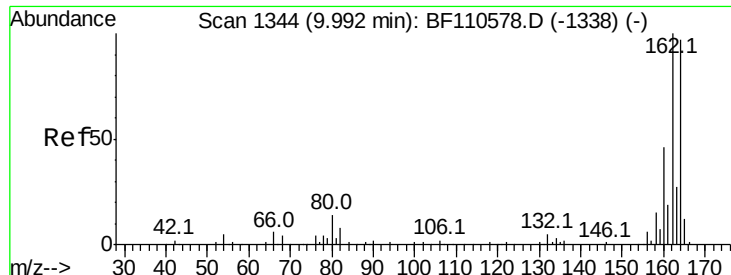
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#23
Nitrobenzene-d5
Concen: 105.062 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.2	51.2	
54	53.5	38.6	58.0	





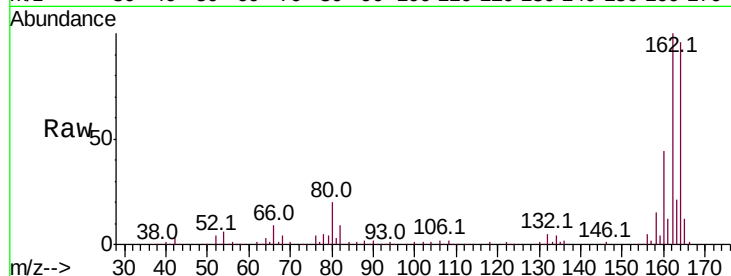
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

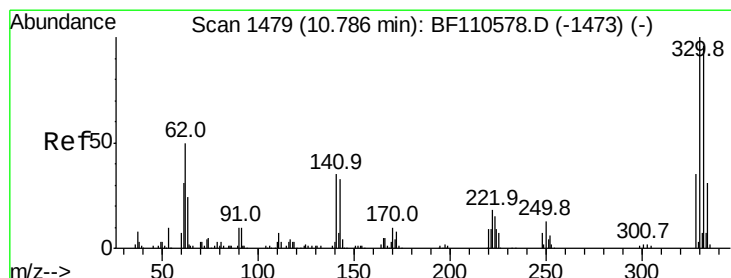
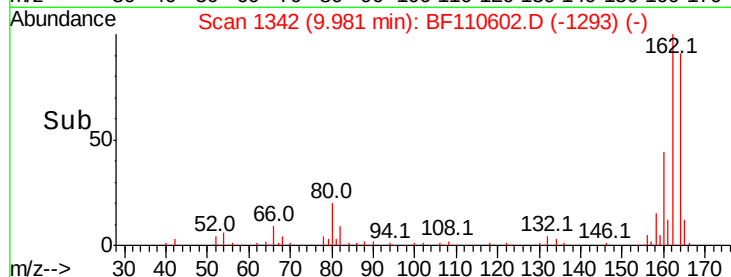
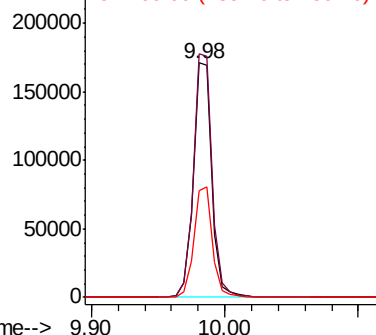
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	45.6	37.0	55.6

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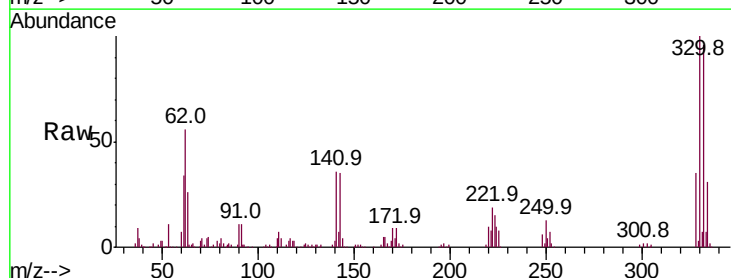


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

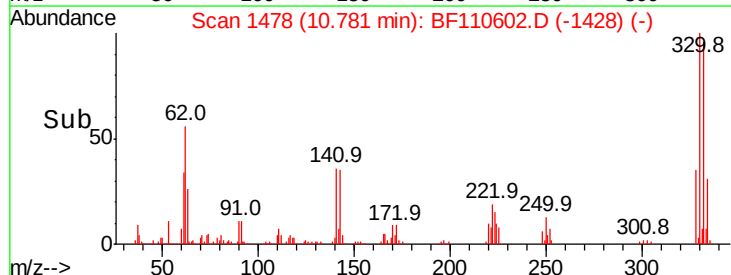
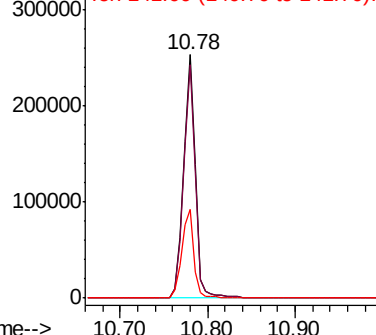


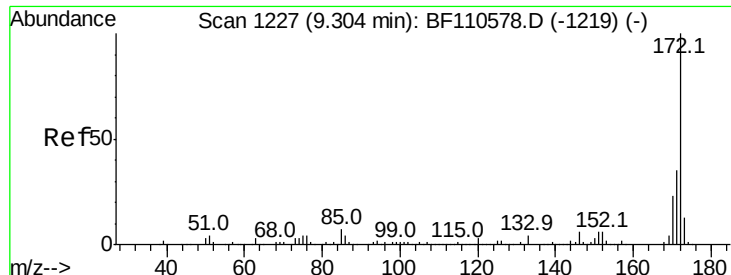
#42
2,4,6-Tribromophenol
Concen: 141.977 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.2	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





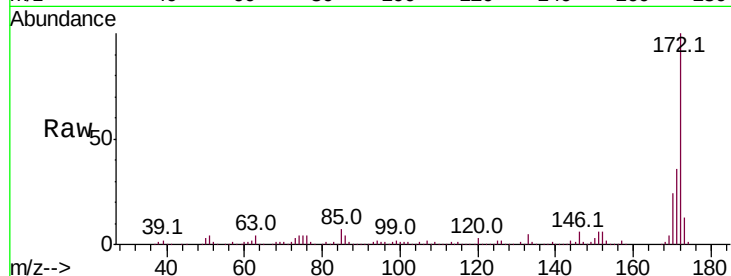
#45
2-Fluorobiphenyl
Concen: 95.782 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampled :
HC-SOIL-2

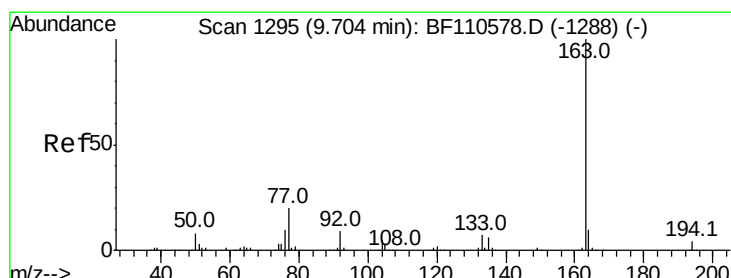
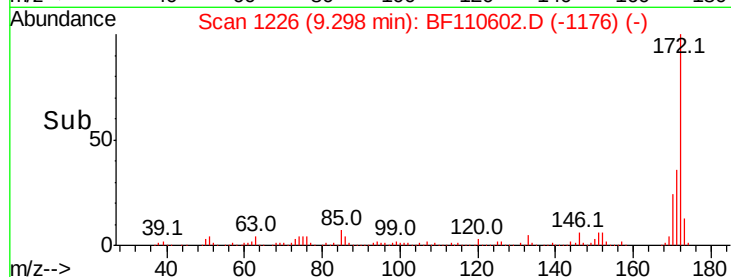
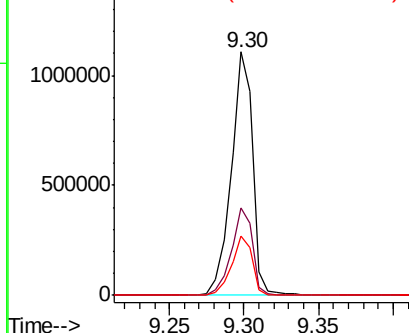
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.3	19.7	29.5

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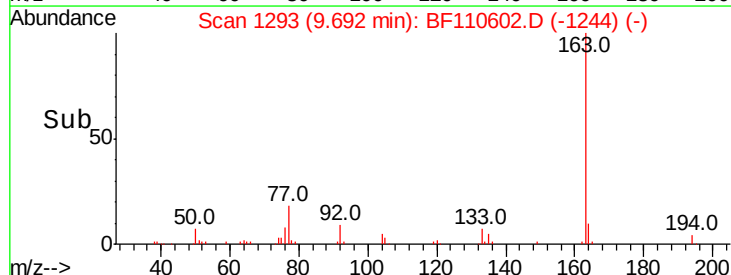
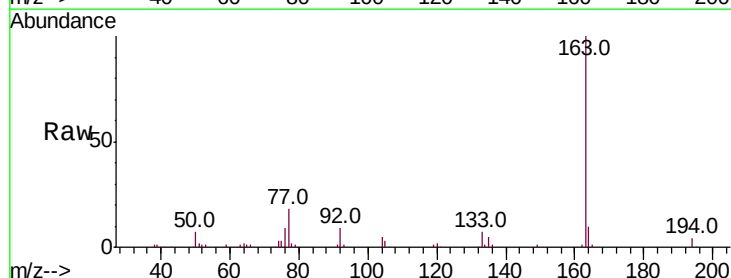
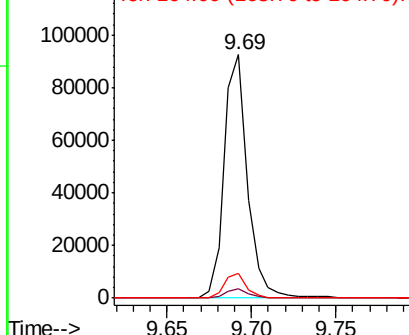
Abundance Ion 172.00 (171.70 to 172.70): E
1500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

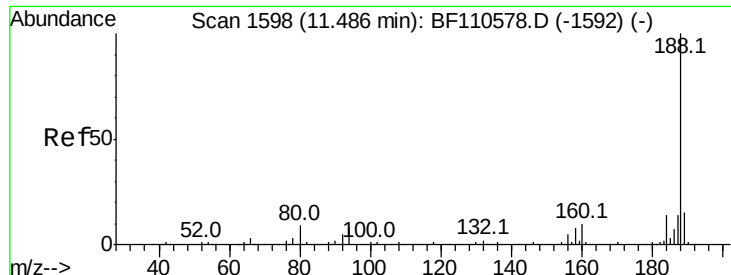


#50
Dimethylphthalate
Concen: 7.138 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.1	12.1

Abundance Ion 163.00 (162.70 to 163.70): E
120000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





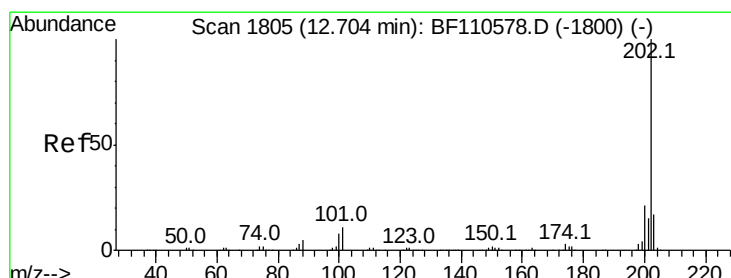
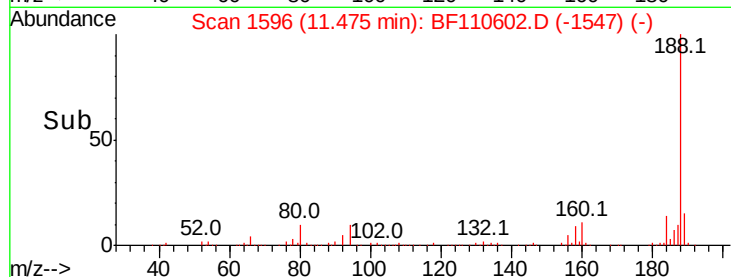
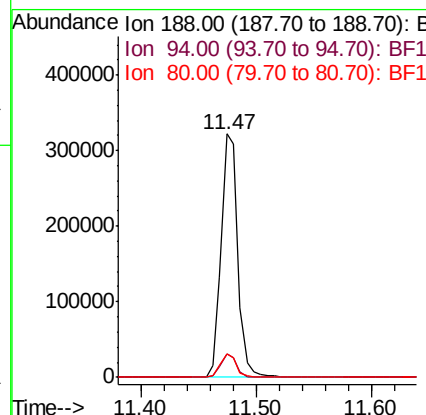
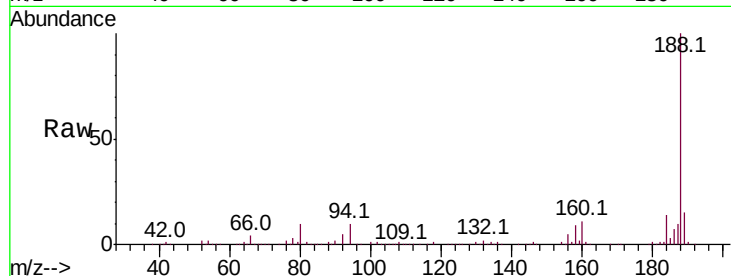
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	7.2	10.8
80	9.9	7.9	11.9

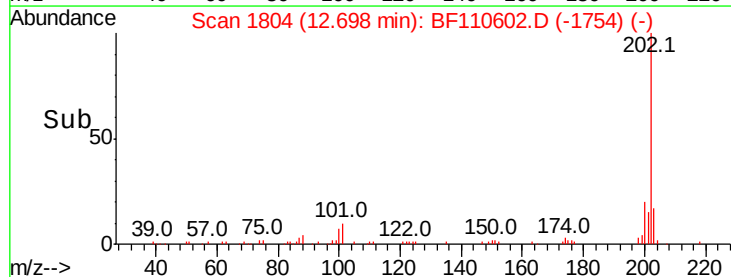
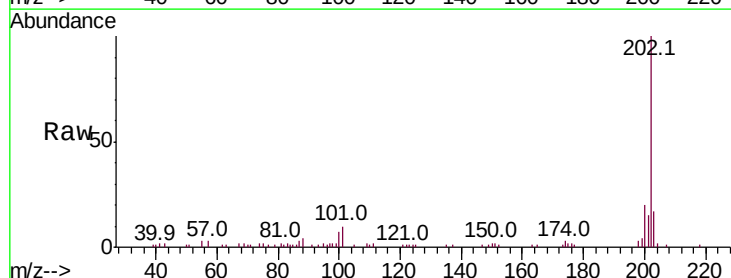
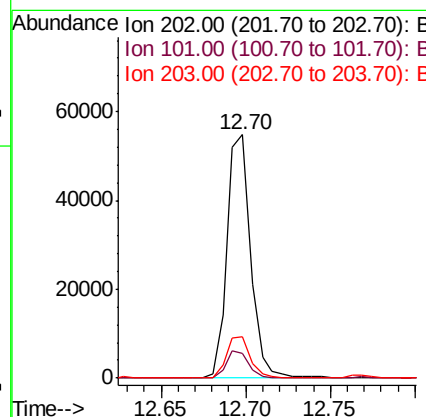
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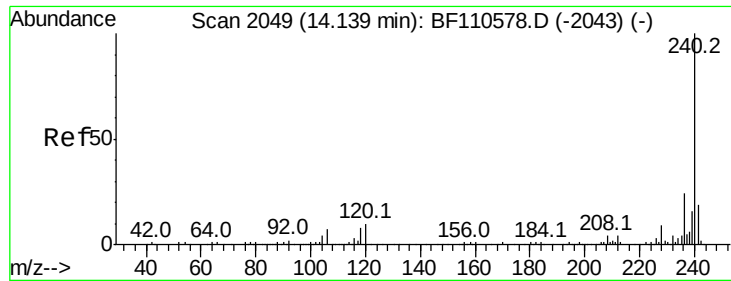
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#75
Fluoranthene
Concen: 3.095 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.2	0.0	37.7





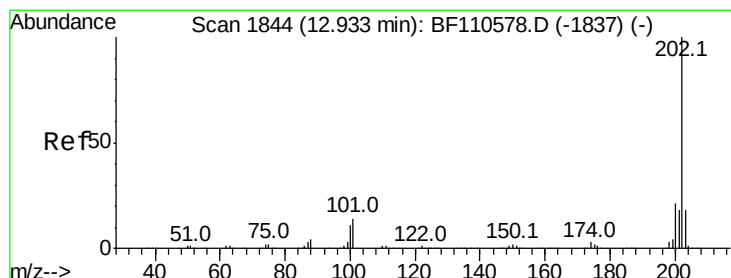
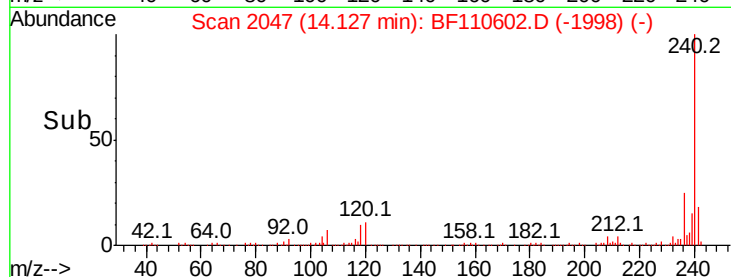
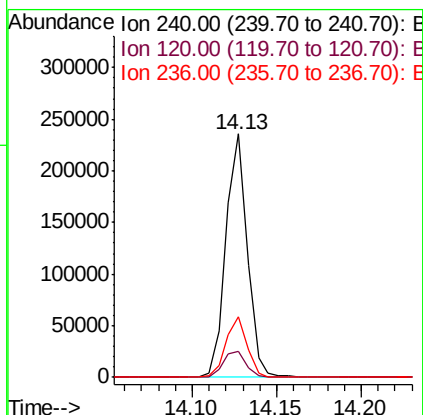
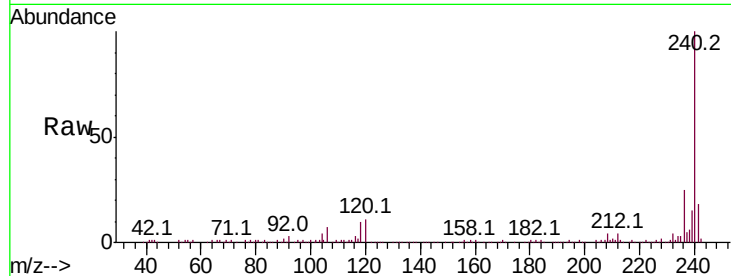
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.9	8.3	12.5	
236	24.8	21.2	31.8	

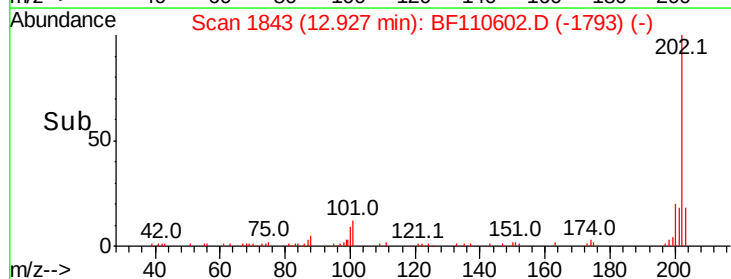
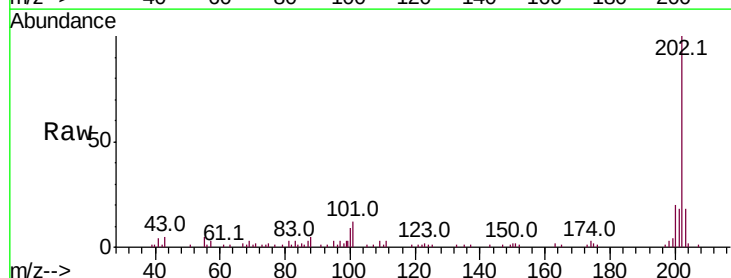
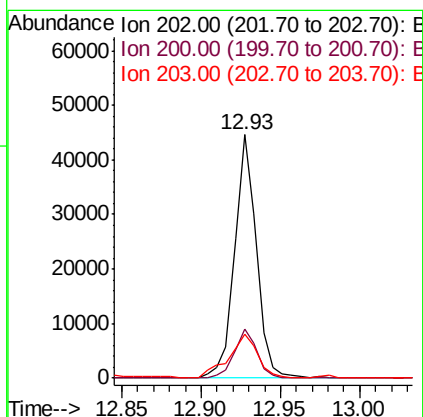
Manual Integrations
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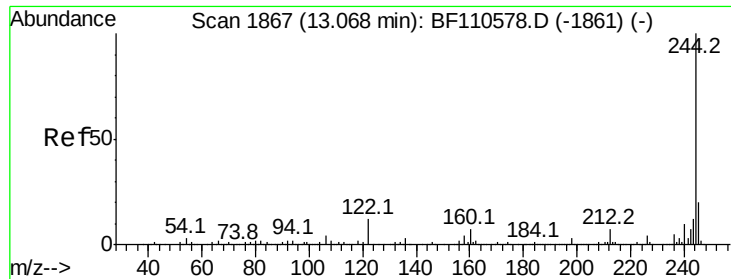
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#78
Pyrene
Concen: 2.664 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110602.D
Acq: 8 Nov 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	17.8	26.6	
203	17.8	14.2	21.4	





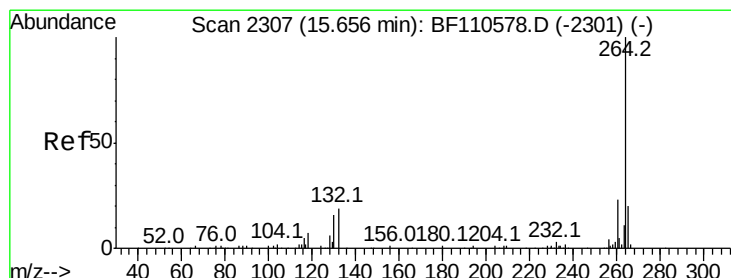
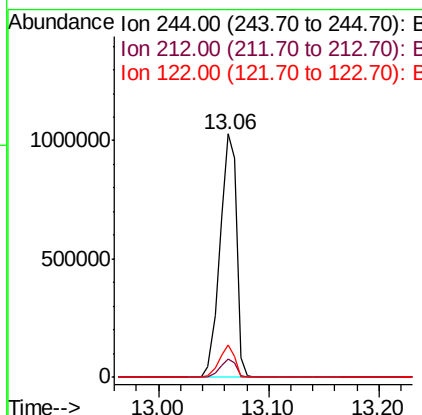
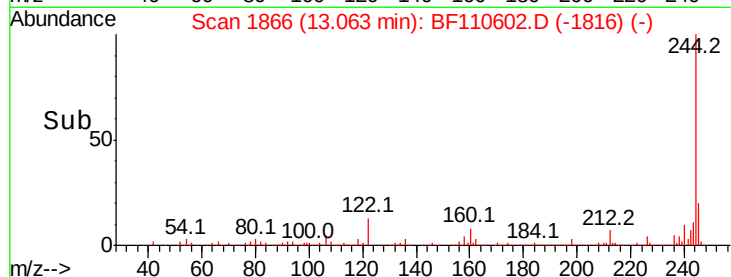
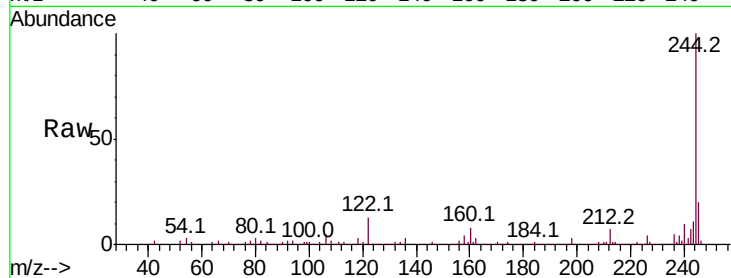
#79
 Terphenyl-d14
 Concen: 96.720 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110602.D
 Acq: 8 Nov 2018 23:08

Instrument :
 BNA_F
 ClientSampled :
 HC-SOIL-2

Tot Ion:244 Resp: 1074165
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.5 8.7 13.1#

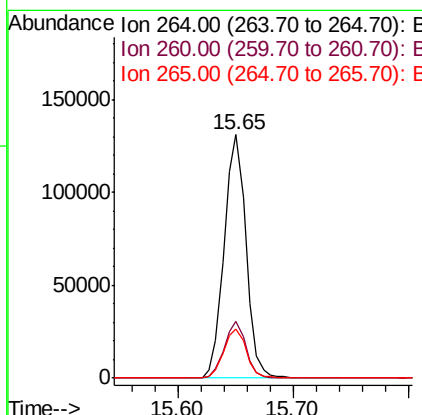
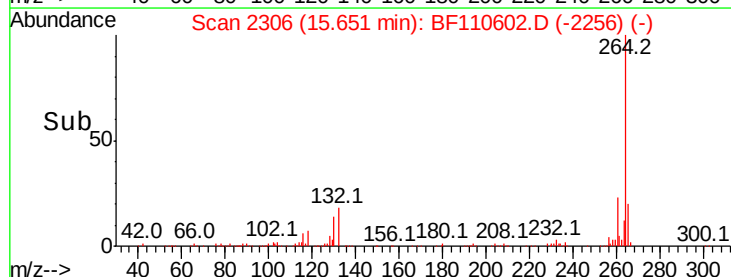
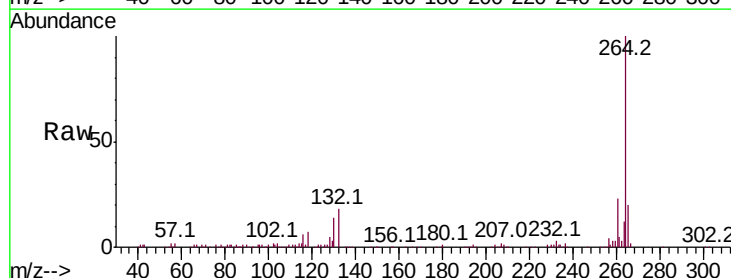
Manual Integrations
 APPROVED

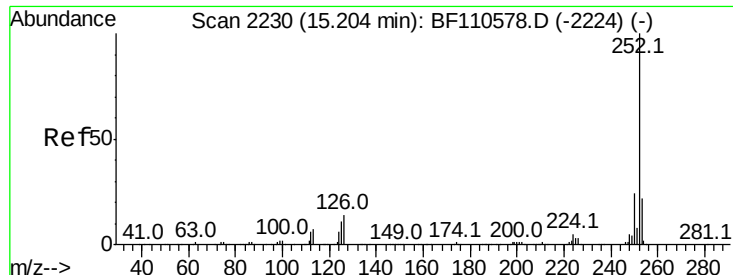
Sohil
 11/9/2018 4:26:11 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110602.D
 Acq: 8 Nov 2018 23:08

Tgt Ion:264 Resp: 173091
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.2 16.7 25.1





#88
 Benzo(b)fluoranthene
 Concen: 2.467 ng m
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF110602.D
 Acq: 8 Nov 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.2	25.8
125	13.4	8.2	12.4

Manual Integrations
 APPROVED

Sohil
 11/9/2018 4:26:11 PM

