

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110831.D
 Acq On : 16 Nov 2018 21:50
 Operator : JU/SJ
 Sample : J5963-04 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-OIL

Manual Integrations
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Quant Time: Nov 17 00:24:36 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	54415	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	244102	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	109032	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	153889	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143257	20.00	ng	-0.01
87) Perylene-d12	15.66	264	104990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2985m	0.89	ng	0.06
7) Phenol-d6	6.63	99	4770m	1.11	ng	0.05
23) Nitrobenzene-d5	7.55	82	3195	0.75	ng	0.03
42) 2,4,6-Tribromophenol	10.79	330	857	0.78	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	9474	1.24	ng	0.00
79) Terphenyl-d14	13.06	244	7909	1.03	ng	-0.01
Target Compounds						
71) Phenanthrene	11.50	178	19816	2.404	ng	Qvalue # 58

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

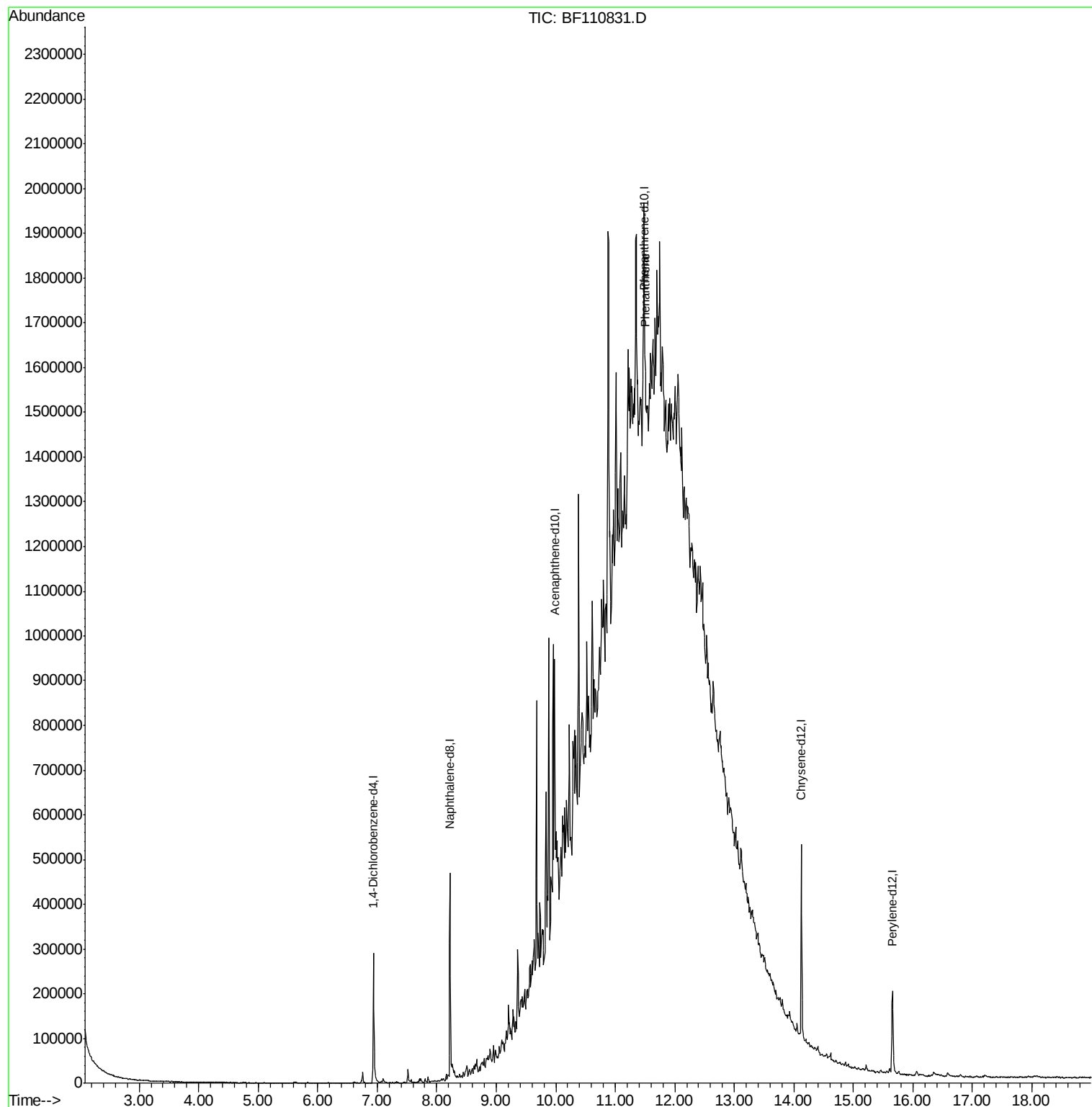
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110831.D
Acq On : 16 Nov 2018 21:50
Operator : JU/SJ
Sample : J5963-04 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

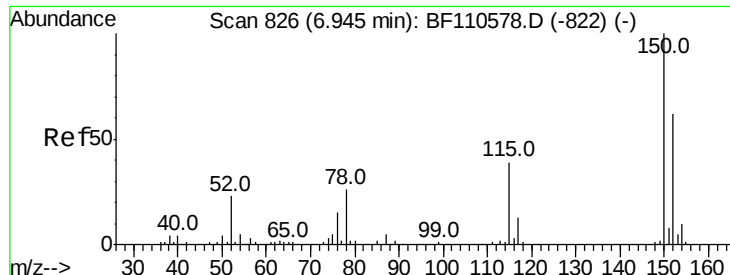
Instrument :
BNA_F
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FS-OIL

Quant Time: Nov 17 00:24:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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#1

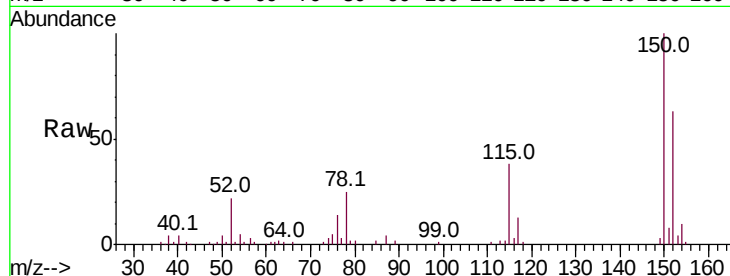
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110831.D
Acq: 16 Nov 2018 21:50

Instrument :
BNA_F
ClientSampled :
FS-OIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	60.9	49.1	73.7

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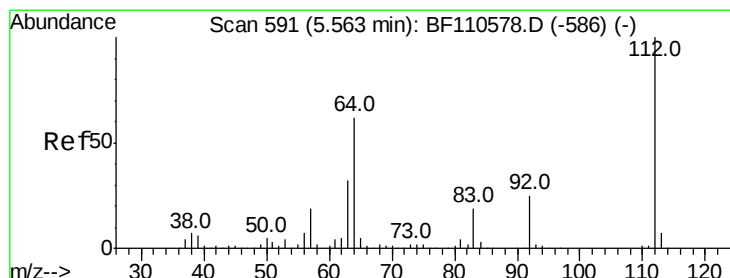
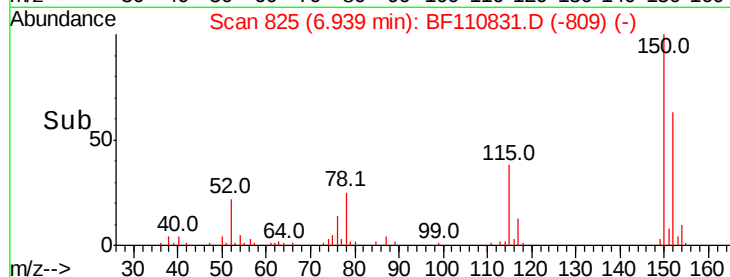
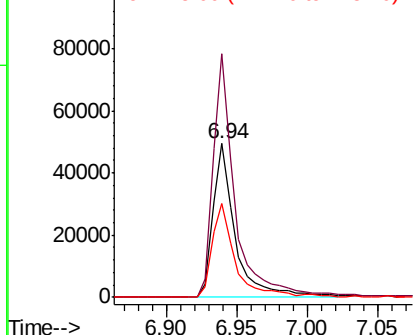


Abundance

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: 0.891 ng m
RT: 5.62 min Scan# 601
Delta R.T. 0.06 min
Lab File: BF110831.D
Acq: 16 Nov 2018 21:50

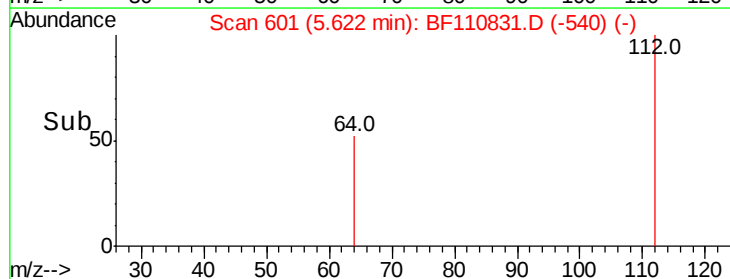
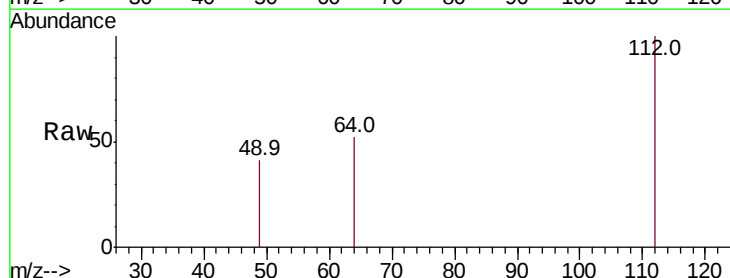
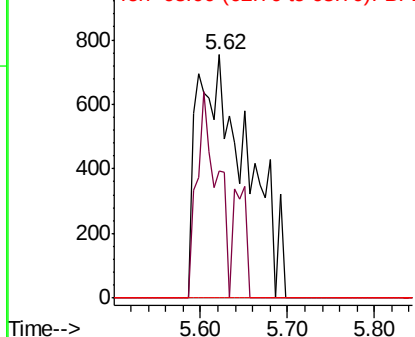
Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	44.1	66.1
63	0.0	23.7	35.5#

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

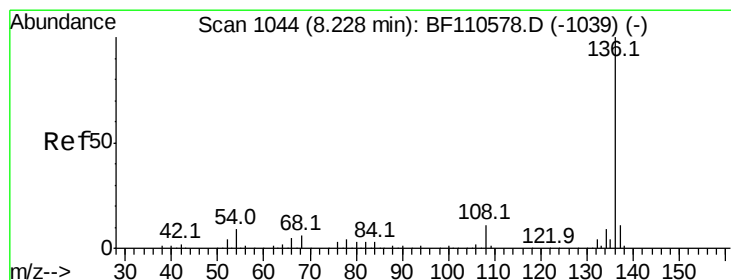
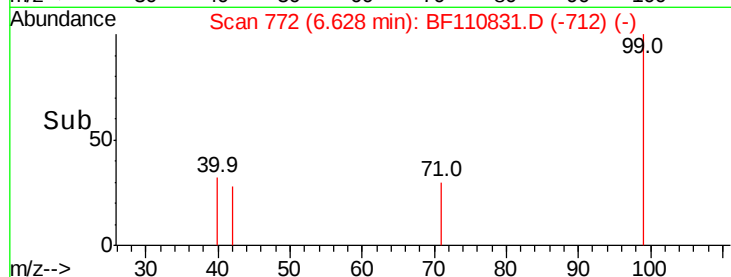
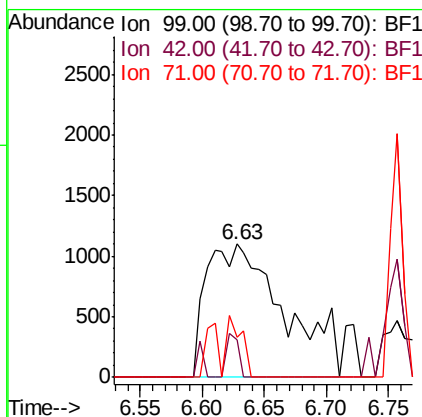
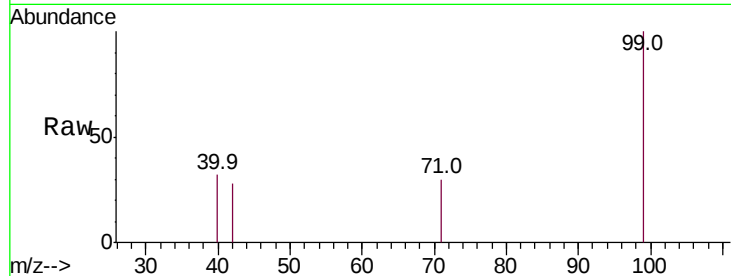
Concen: 1.113 ng/ml
 RT: 6.63 min Scan# 772
 Delta R.T. 0.05 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Instrument :
 BNA_F
 ClientSampled :
 FS-OIL

Tot Ion	Ratio	Lower	Upper
99	100		
42	28.0	15.8	23.6#
71	29.8	28.0	42.0

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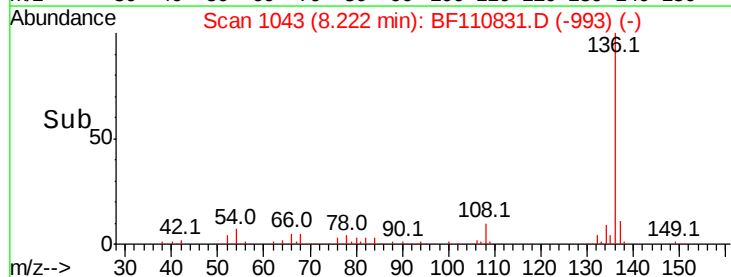
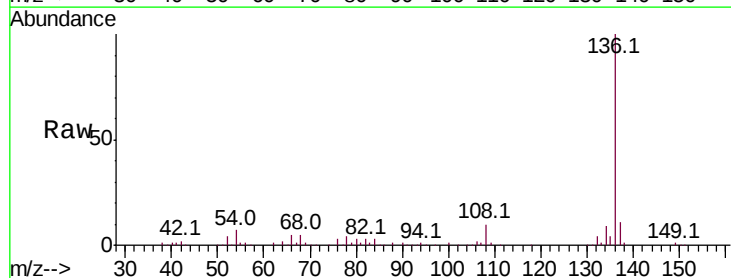
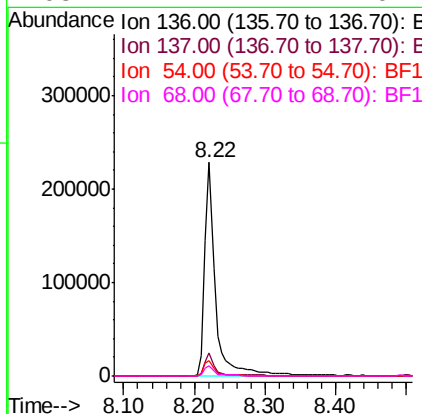


#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	5.4	8.2
68	4.7	4.2	6.2





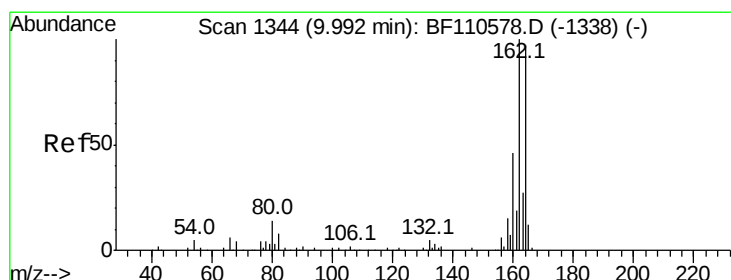
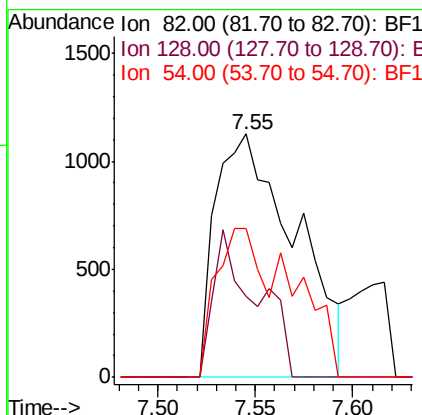
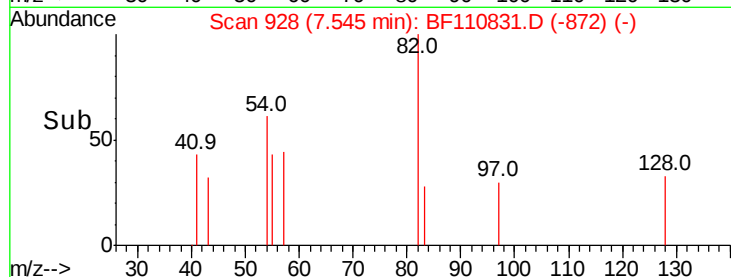
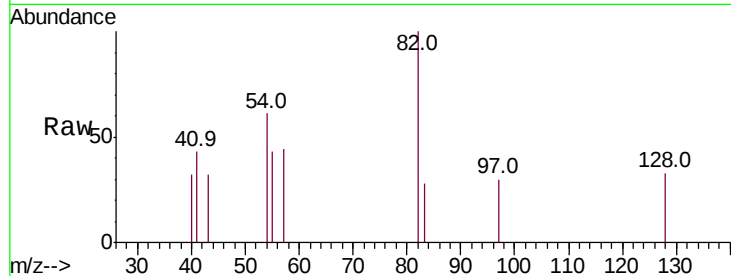
#23
 Nitrobenzene-d5
 Concen: 0.754 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.03 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-OIL

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	34.2	51.2#
54	61.0	38.6	58.0#

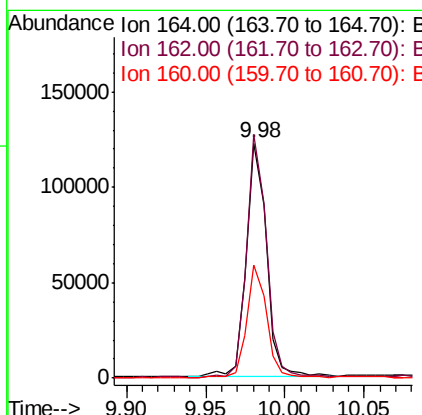
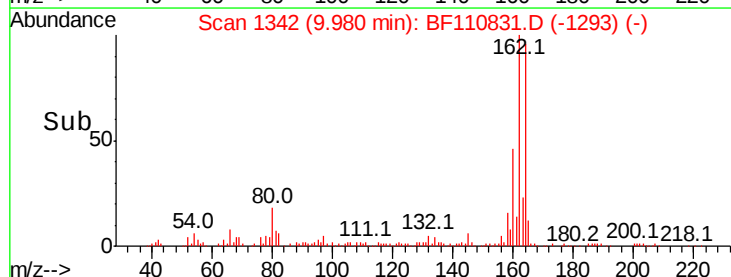
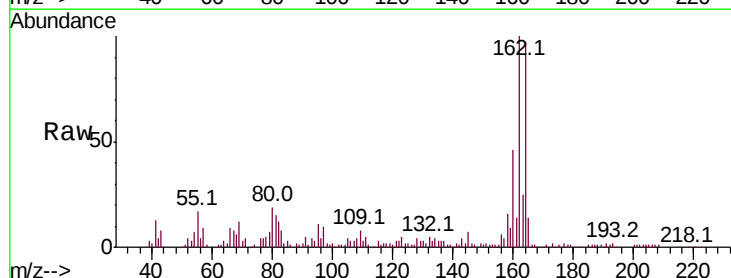
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	47.9	37.0	55.6





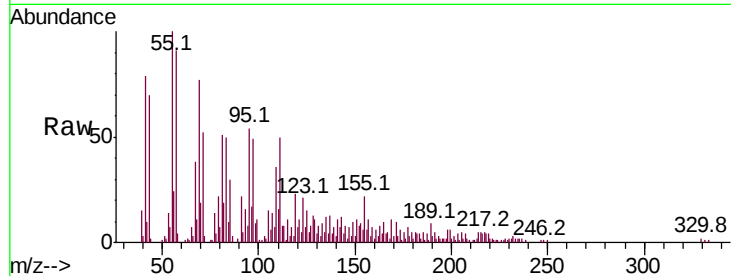
#42
 2,4,6-Tribromophenol
 Concen: 0.780 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-OIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	84.0	77.1	115.7
141	446.3	27.0	40.4#

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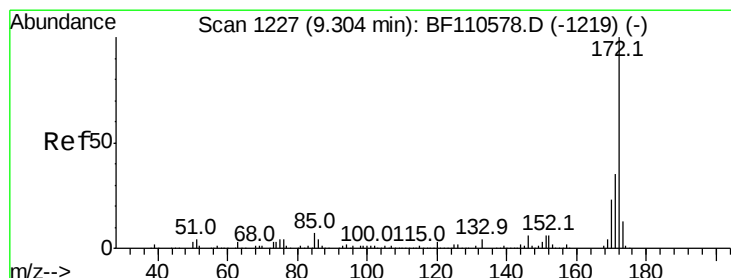
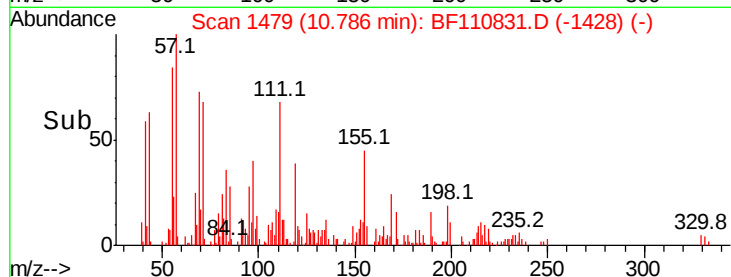
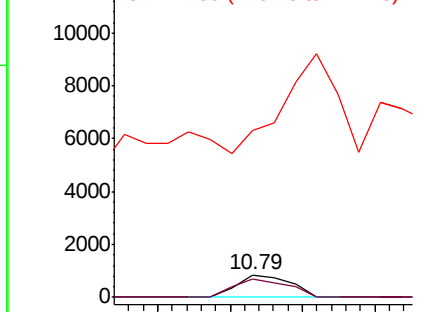


Abundance

Ion 329.80 (329.50 to 330.50): E

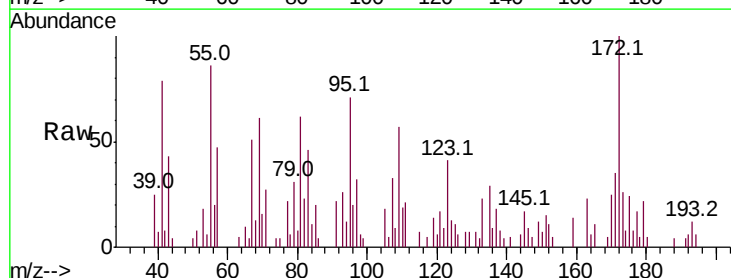
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 1.241 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110831.D
 Acq: 16 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	24.7	19.7	29.5

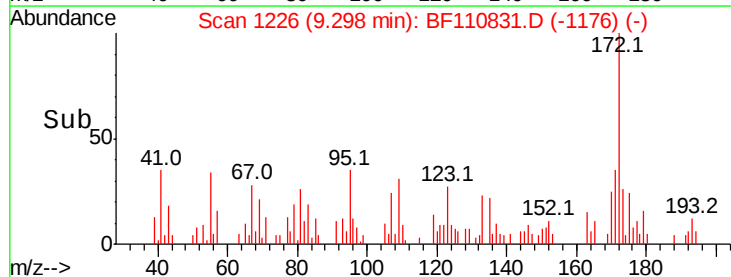
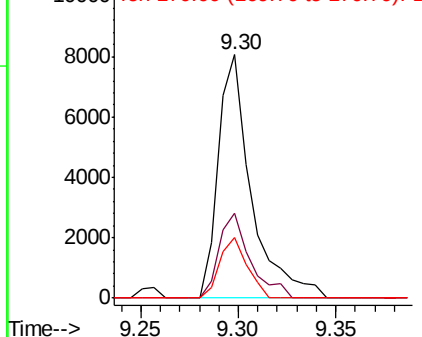


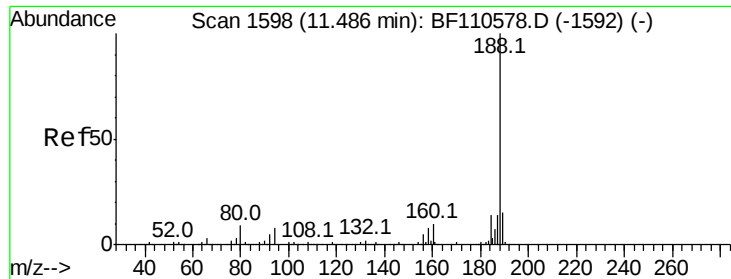
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110831.D

Acq: 16 Nov 2018 21:50

Instrument :

BNA_F

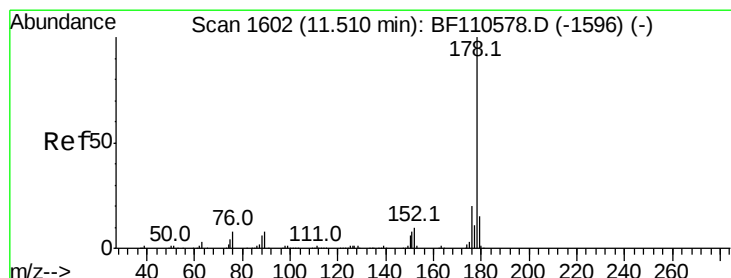
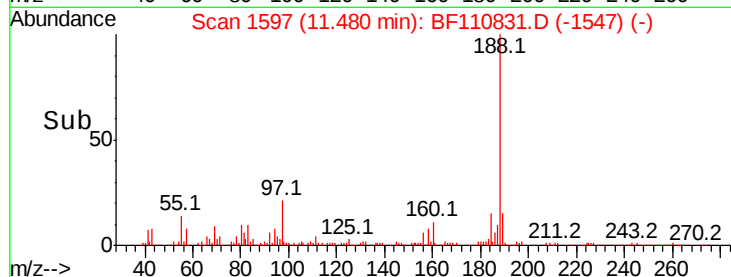
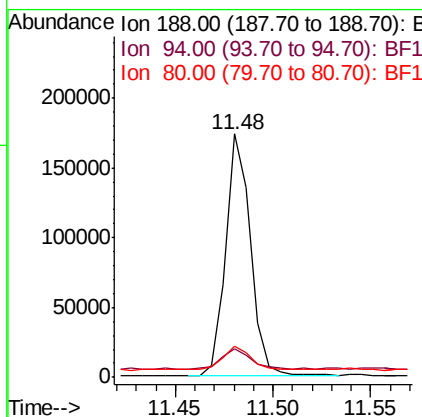
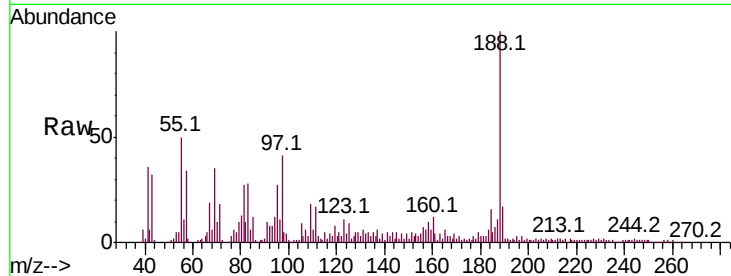
ClientSampleId :

FS-OIL

Tot Ion:	188	Resp:	153889
Ion Ratio	Lower	Upper	
188	100		
94	11.8	7.2	10.8#
80	13.0	7.9	11.9#

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#71

Phenanthrene

Concen: 2.404 ng

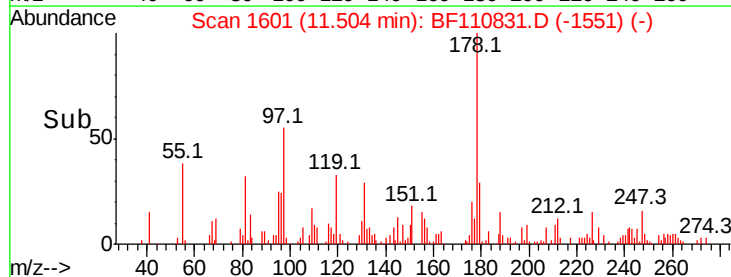
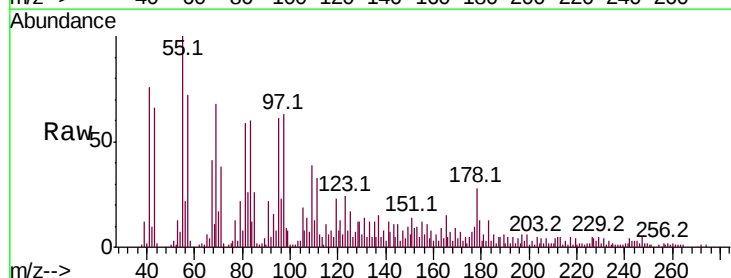
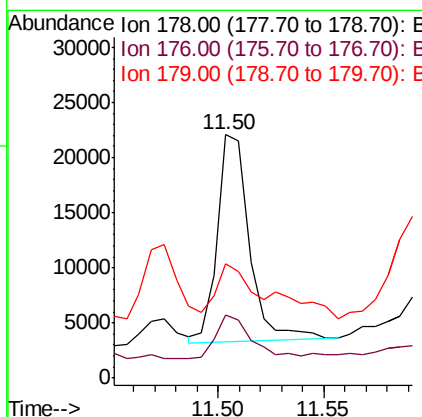
RT: 11.50 min Scan# 1601

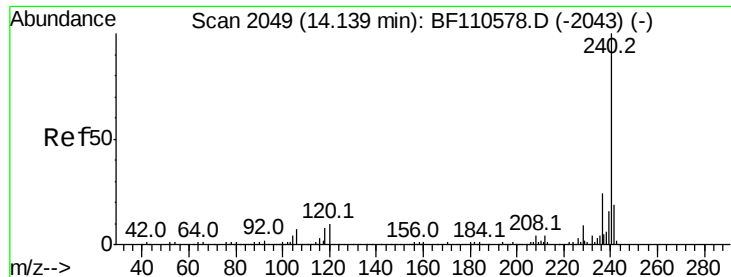
Delta R.T. -0.01 min

Lab File: BF110831.D

Acq: 16 Nov 2018 21:50

Tgt Ion:	178	Resp:	19816
Ion Ratio	Lower	Upper	
178	100		
176	26.1	15.5	23.3#
179	47.1	12.5	18.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110831.D

Acq: 16 Nov 2018 21:50

Instrument :

BNA_F

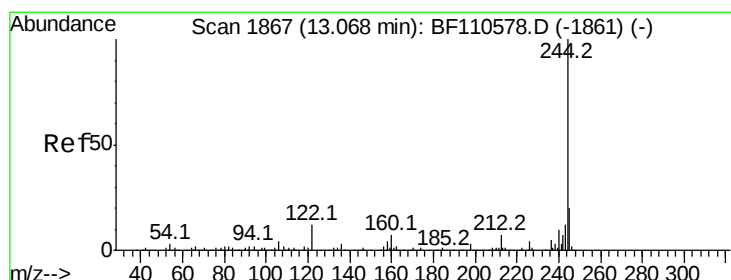
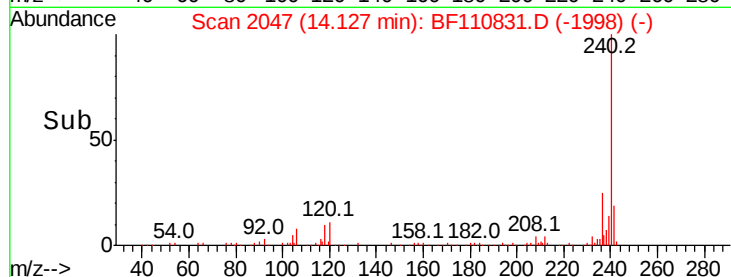
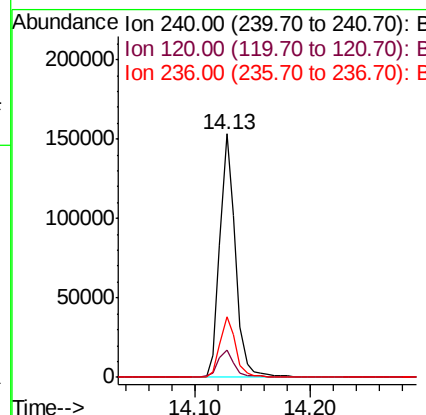
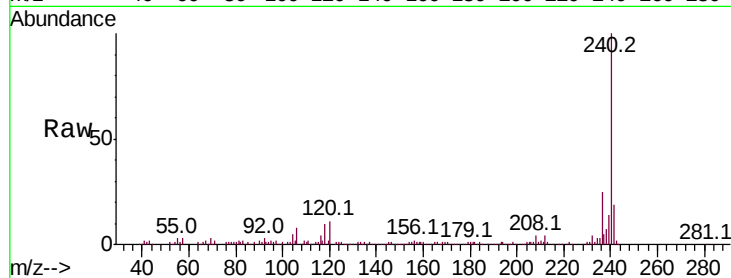
ClientSampleId :

FS-OIL

Tot Ion:240	Resp:	143257
Ion Ratio	Lower	Upper
240 100		
120 11.2	8.3	12.5
236 24.9	21.2	31.8

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#79

Terphenyl-d14

Concen: 1.034 ng

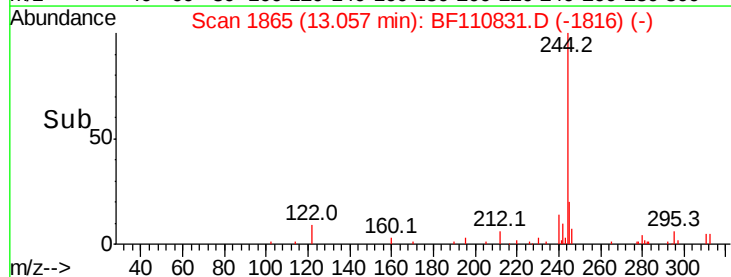
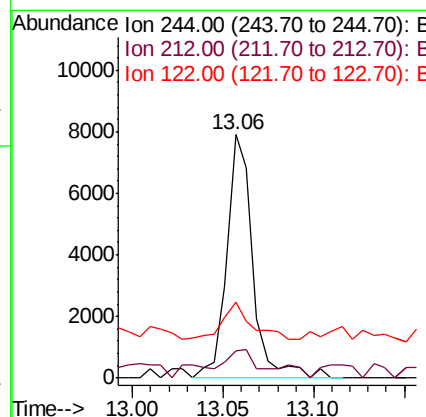
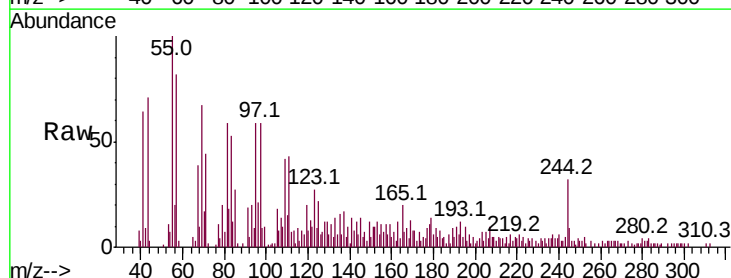
RT: 13.06 min Scan# 1865

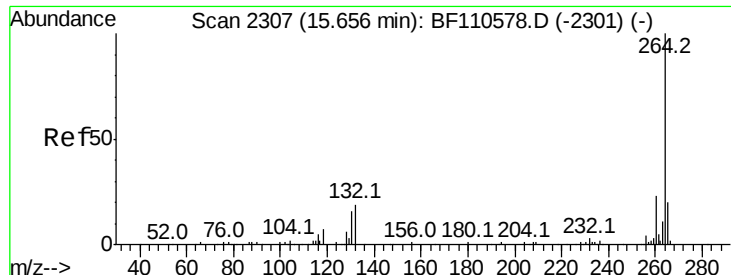
Delta R.T. -0.01 min

Lab File: BF110831.D

Acq: 16 Nov 2018 21:50

Tgt Ion:244	Resp:	7909
Ion Ratio	Lower	Upper
244 100		
212 11.2	5.8	8.8#
122 31.1	8.7	13.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110831.D
Acq: 16 Nov 2018 21:50

Instrument :
BNA_F
ClientSampleId :
FS-OIL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	16.7	25.1

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