

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110607.D
 Acq On : 9 Nov 2018 1:23
 Operator : JU/SJ
 Sample : J5859-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-23(0-10)

Manual Integrations
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Quant Time: Nov 09 13:34:23 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	78283	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	313649	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	133575	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	211944	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162765	20.00	ng	-0.01
87) Perylene-d12	15.65	264	125483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	494938	102.70	ng	0.00
7) Phenol-d6	6.57	99	633493	102.79	ng	0.00
23) Nitrobenzene-d5	7.51	82	390594	71.72	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119792	89.00	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	691955	73.98	ng	0.00
79) Terphenyl-d14	13.06	244	519962	59.83	ng	0.00
Target Compounds						
10) Phenol	6.58	94	33792	4.729	ng	Qvalue # 69
50) Dimethylphthalate	9.69	163	52682	5.286	ng	99
75) Fluoranthene	12.70	202	40478	3.556	ng	98
78) Pyrene	12.93	202	35895	2.864	ng	97
83) Chrysene	14.15	228	18969	2.047	ng	95
84) Bis(2-ethylhexyl)phthalate	14.07	149	17928	2.679	ng	# 97
88) Benzo(b)fluoranthene	15.20	252	22722m	3.027	ng	
90) Benzo(a)pyrene	15.59	252	14632	2.145	ng	# 89

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

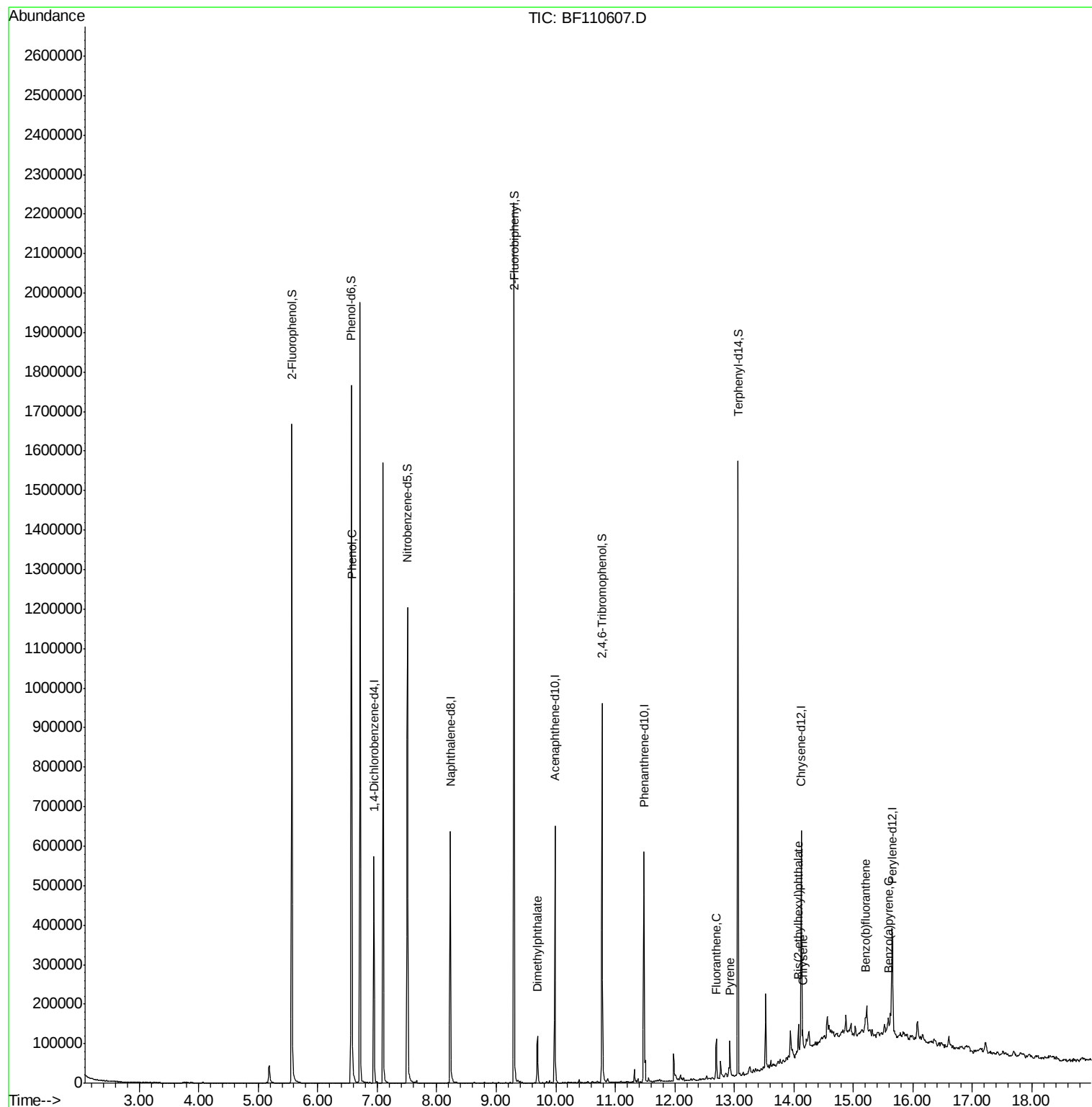
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110607.D
Acq On : 9 Nov 2018 1:23
Operator : JU/SJ
Sample : J5859-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

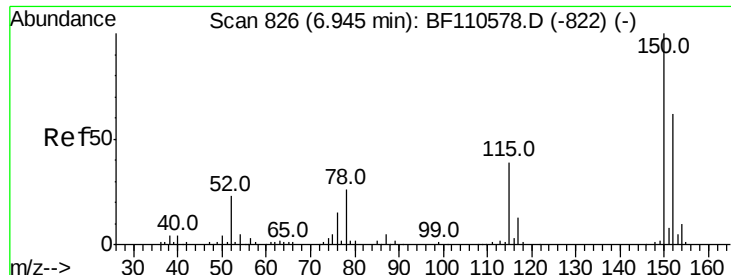
Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

Quant Time: Nov 09 13:34:23 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
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#1

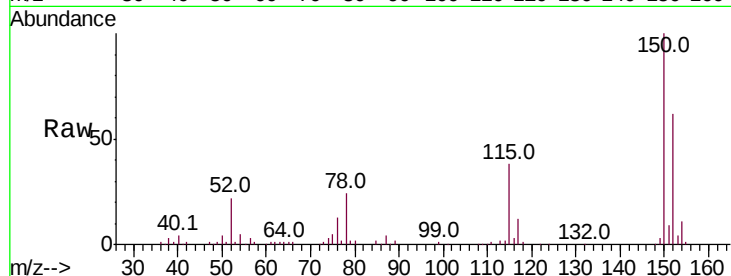
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	122.7	184.1
115	61.7	49.1	73.7

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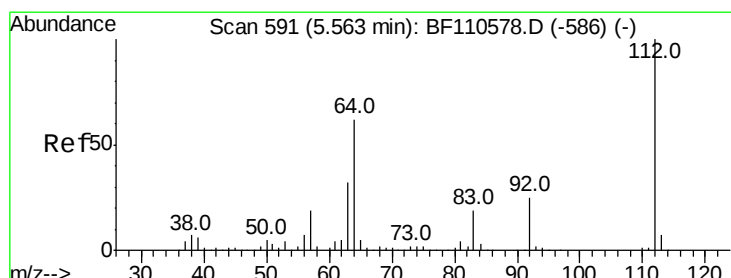
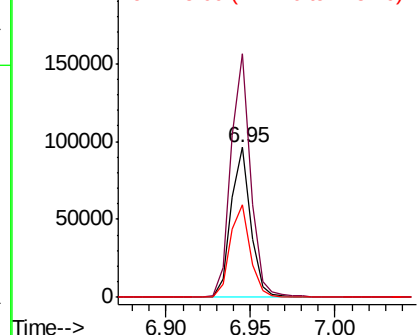
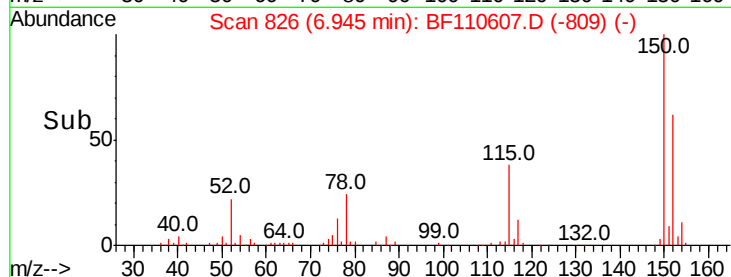


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

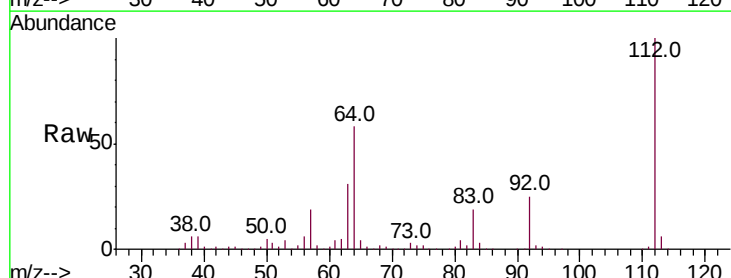
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.696 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	31.1	23.7	35.5

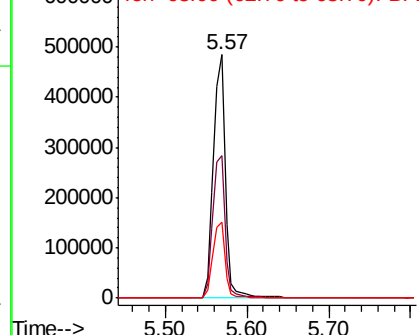
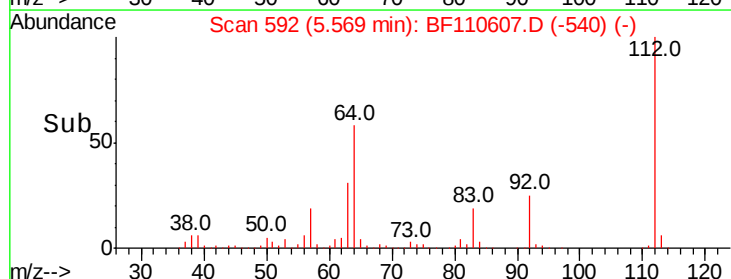


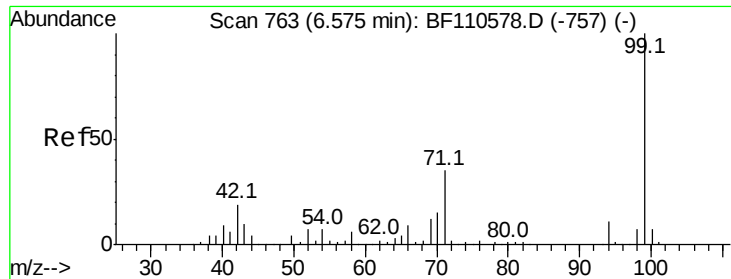
Abundance

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: 102.791 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110607.D

Acq: 9 Nov 2018 1:23

Instrument :

BNA_F

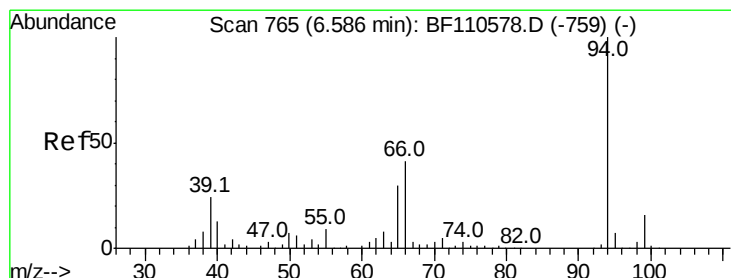
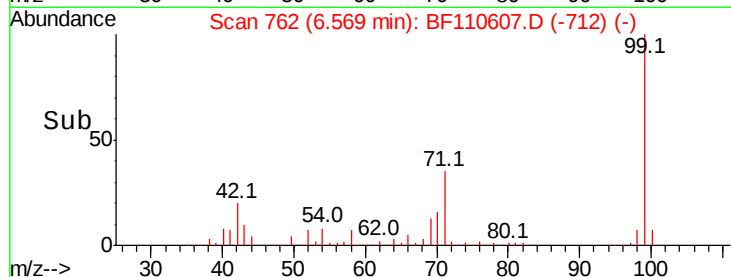
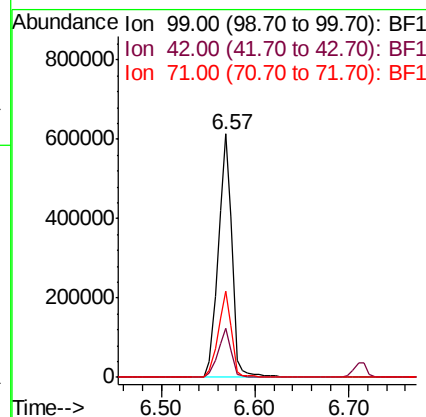
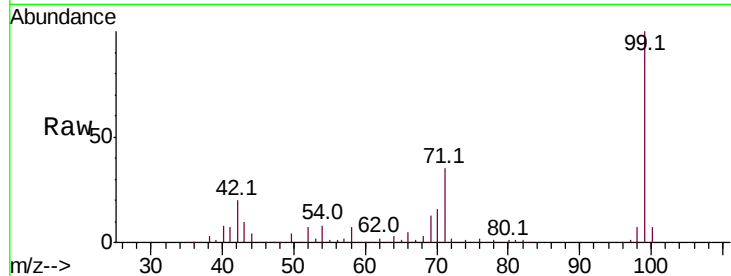
ClientSampleId :

B-23(0-10)

Tot Ion:	99	Resp:	633493
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	35.3	28.0	42.0

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#10

Phenol

Concen: 4.729 ng

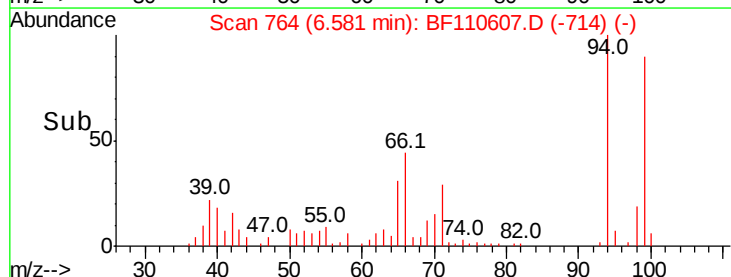
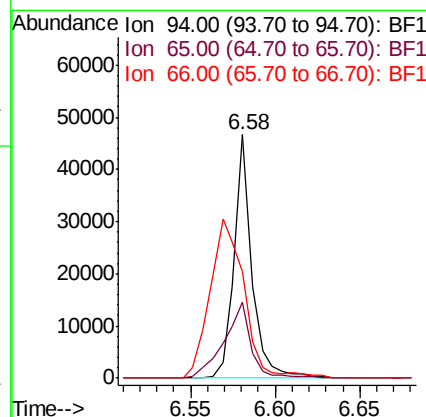
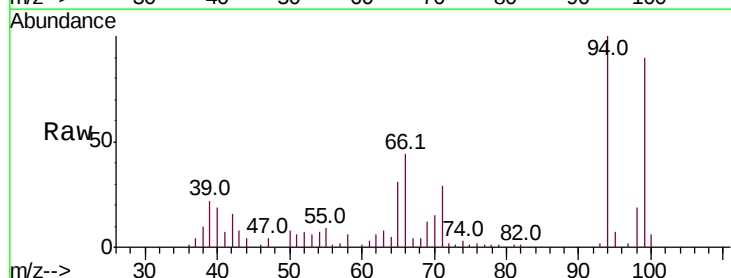
RT: 6.58 min Scan# 764

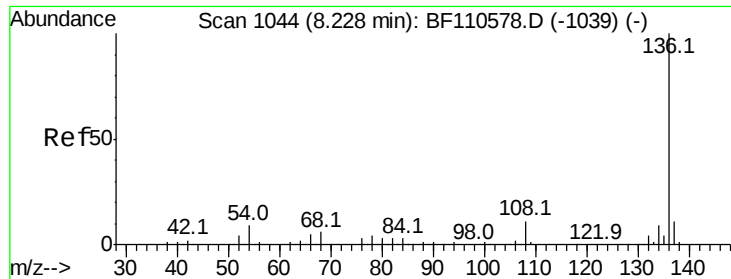
Delta R.T. -0.01 min

Lab File: BF110607.D

Acq: 9 Nov 2018 1:23

Tgt Ion:	94	Resp:	33792
Ion Ratio	Lower	Upper	
94	100		
65	31.4	25.3	65.3
66	43.7	54.5	94.5#





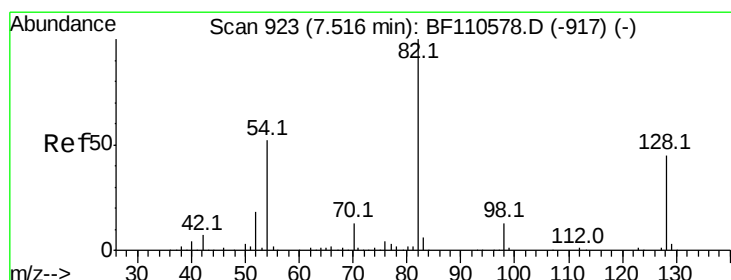
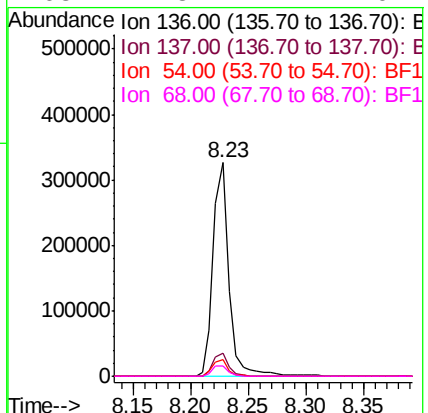
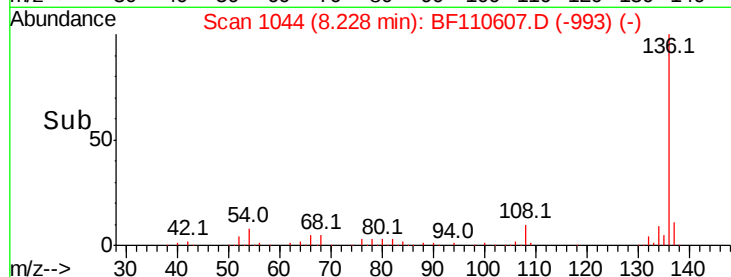
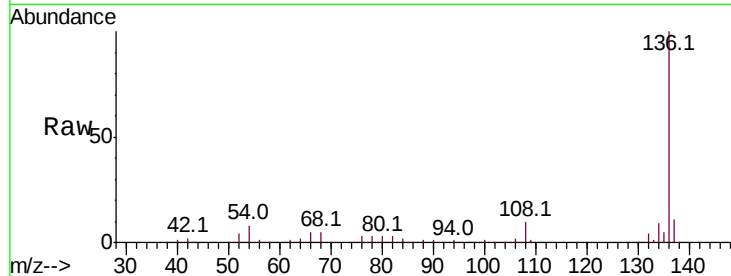
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.5	5.4	8.2	
68	4.8	4.2	6.2	

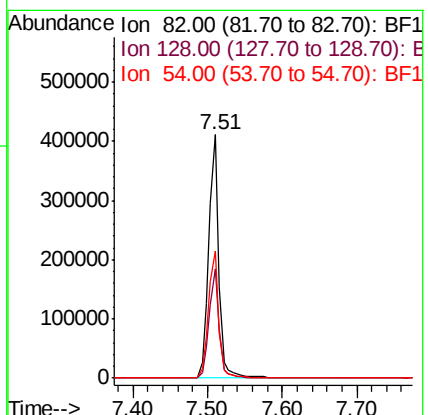
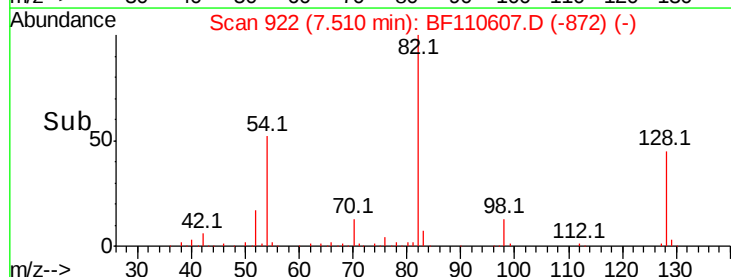
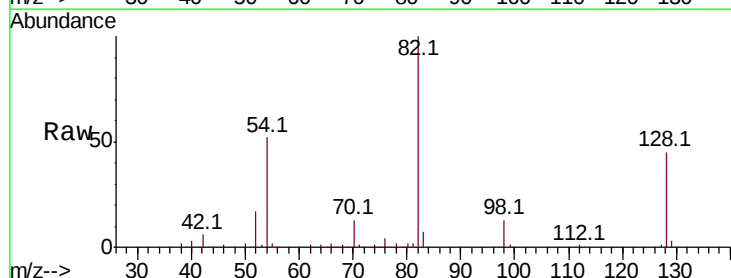
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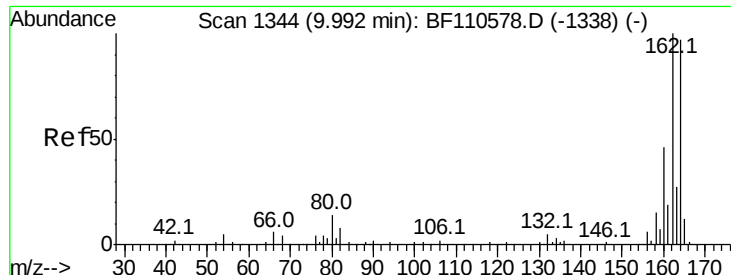
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#23
Nitrobenzene-d5
Concen: 71.718 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.2	51.2	
54	52.4	38.6	58.0	





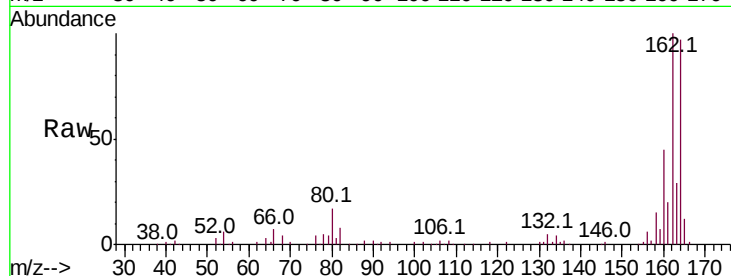
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

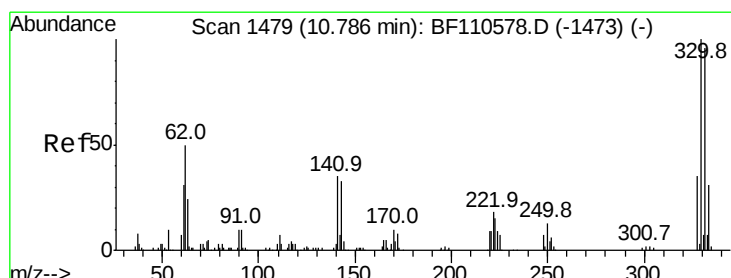
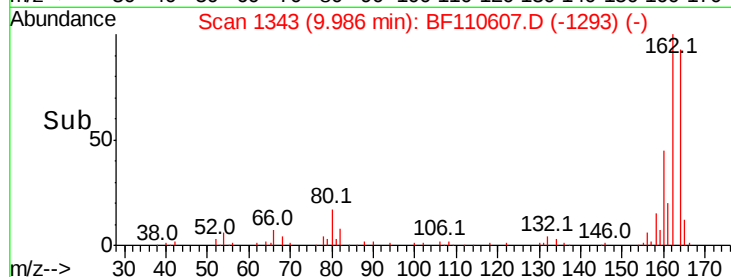
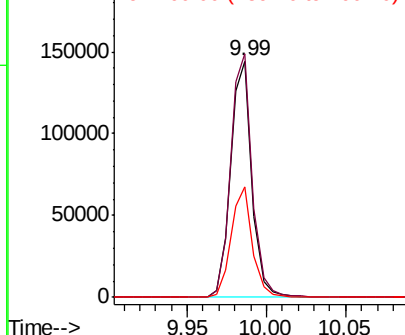
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	83.0	124.6	
160	46.7	37.0	55.6	

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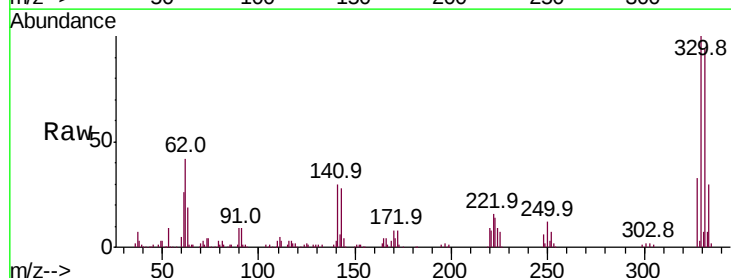


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

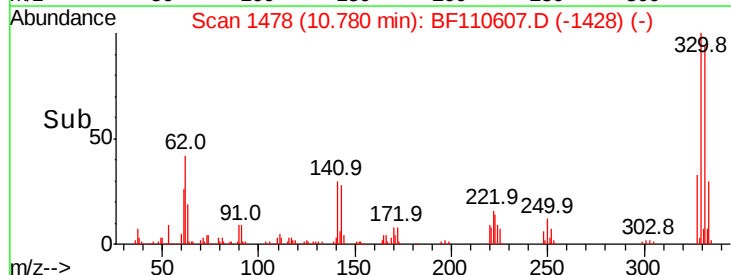
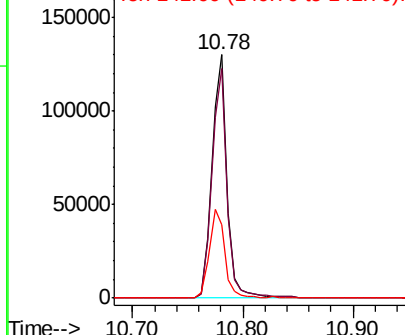


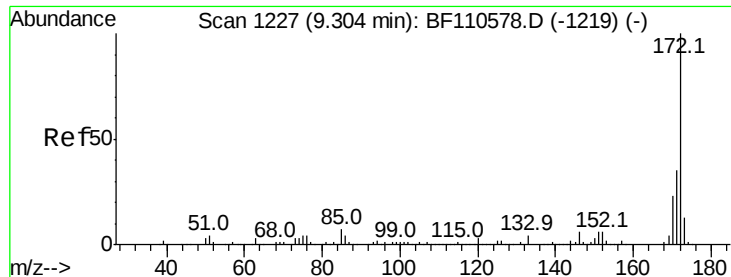
#42
2,4,6-Tribromophenol
Concen: 89.003 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.1	115.7	
141	37.5	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





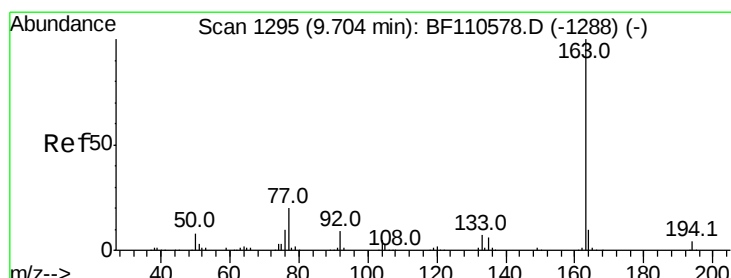
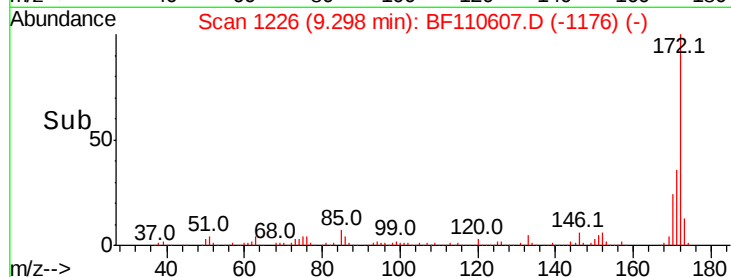
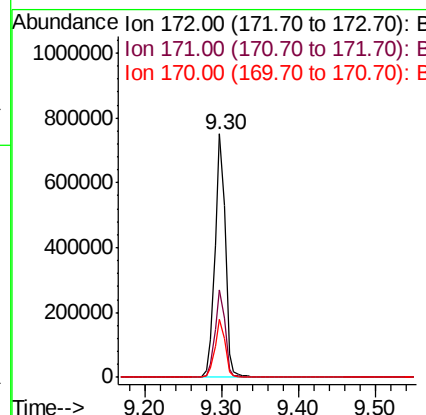
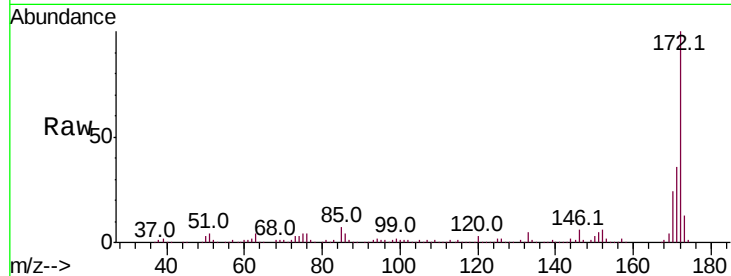
#45
2-Fluorobiphenyl
Concen: 73.984 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampled :
B-23(0-10)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	691955		
171	35.9	28.6	43.0	
170	23.7	19.7	29.5	

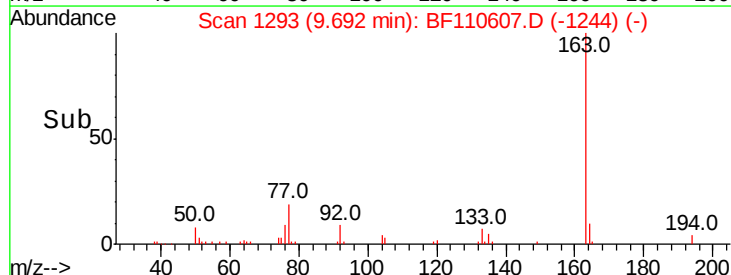
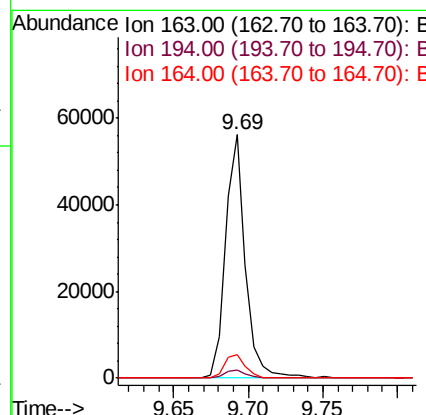
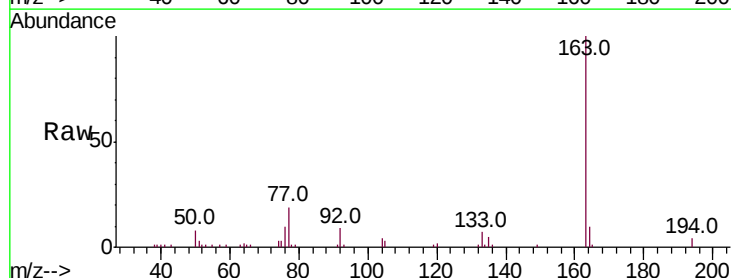
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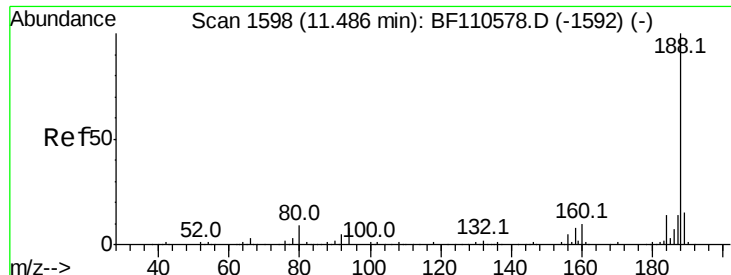
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#50
Dimethylphthalate
Concen: 5.286 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	52682		
194	3.6	3.2	4.8	
164	9.7	8.1	12.1	





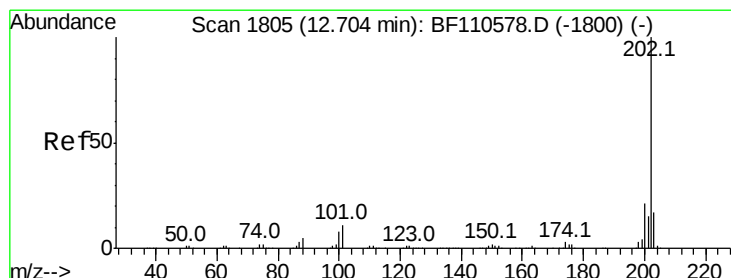
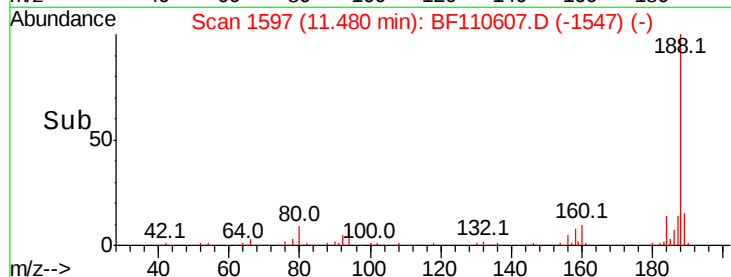
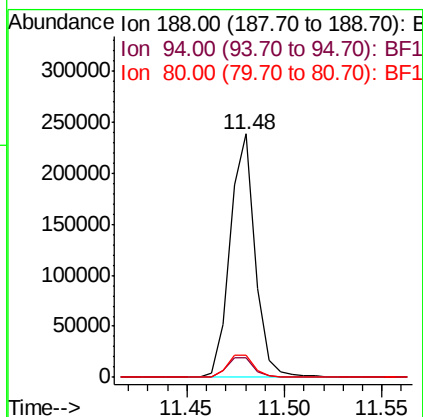
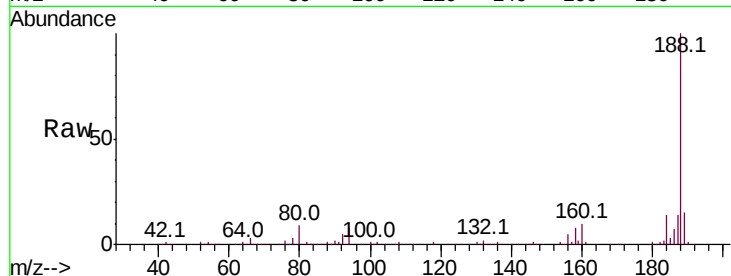
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	7.2	10.8
80	9.0	7.9	11.9

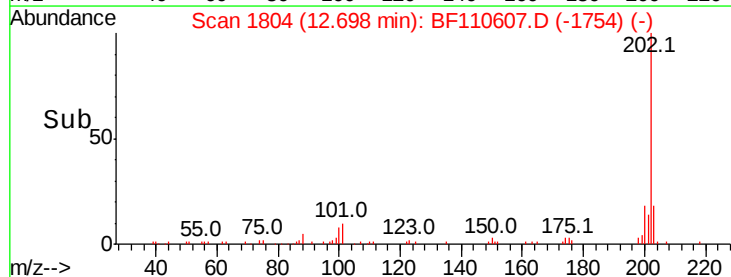
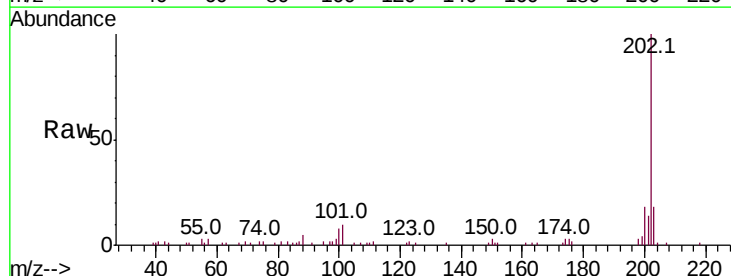
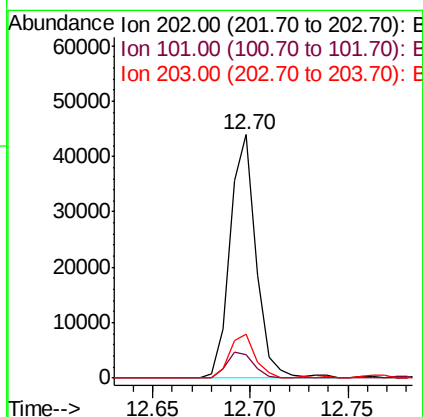
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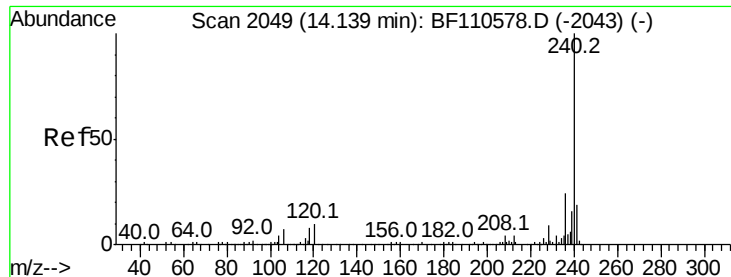
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#75
Fluoranthene
Concen: 3.556 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	18.0	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: BF110607.D

Acq: 9 Nov 2018 1:23

Instrument :

BNA_F

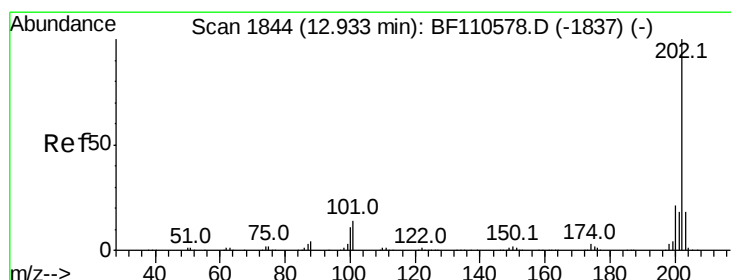
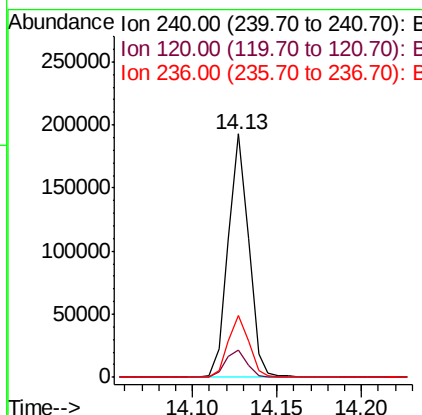
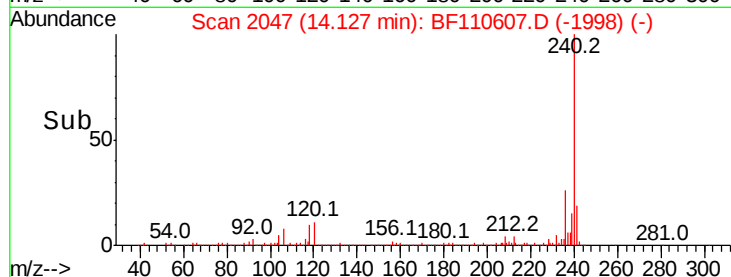
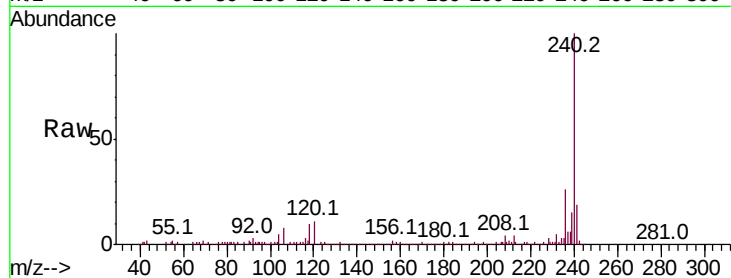
ClientSampleId :

B-23(0-10)

Tot Ion:	240	Resp:	162765
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.3	12.5
236	25.5	21.2	31.8

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#78

Pyrene

Concen: 2.864 ng

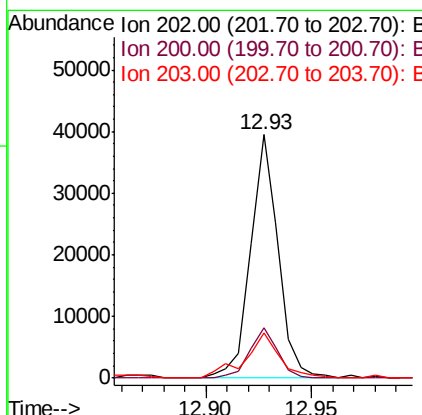
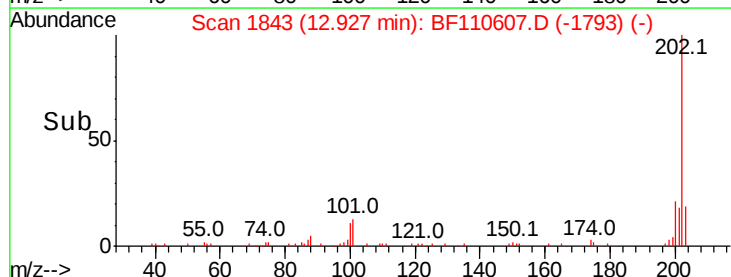
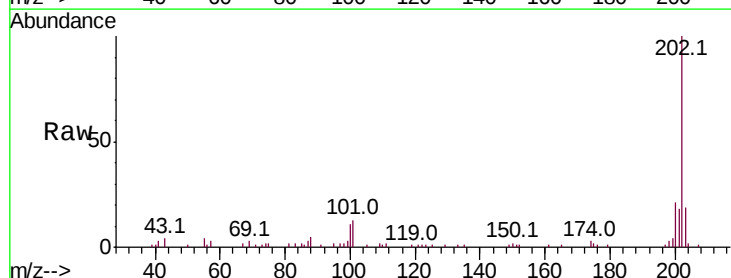
RT: 12.93 min Scan# 1843

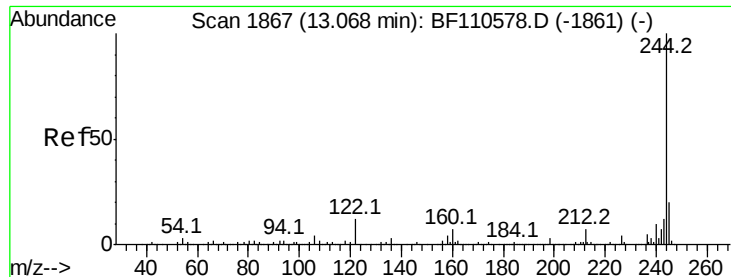
Delta R.T. -0.01 min

Lab File: BF110607.D

Acq: 9 Nov 2018 1:23

Tgt Ion:	202	Resp:	35895
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.6
203	18.8	14.2	21.4





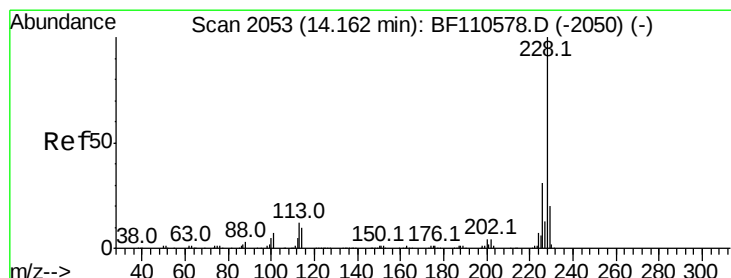
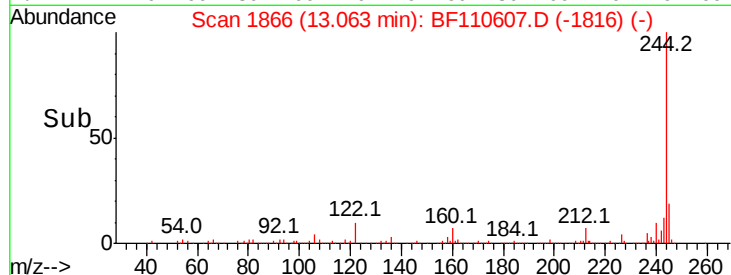
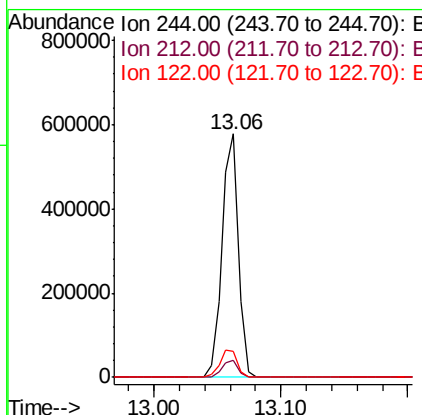
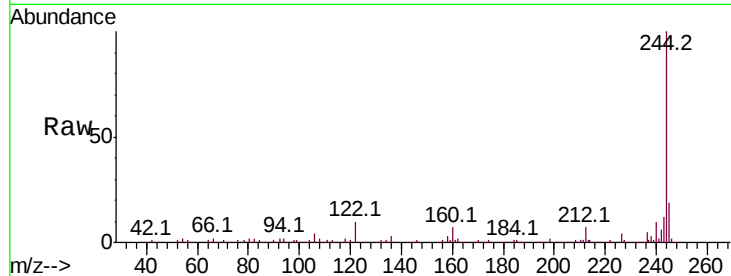
#79
 Terphenyl-d14
 Concen: 59.827 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110607.D
 Acq: 9 Nov 2018 1:23

Instrument :
 BNA_F
 ClientSampleId :
 B-23(0-10)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.5	8.7	13.1

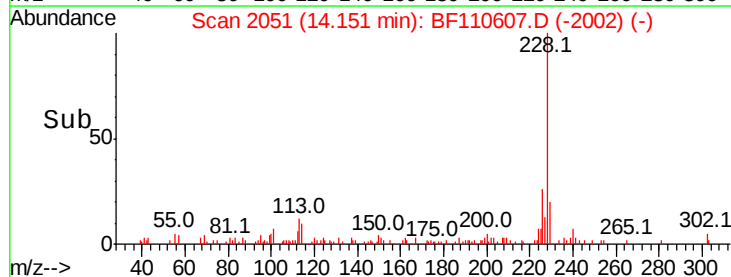
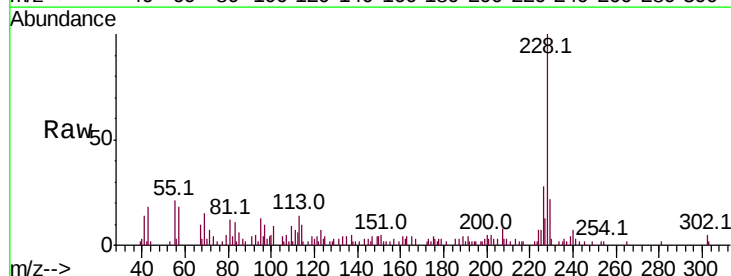
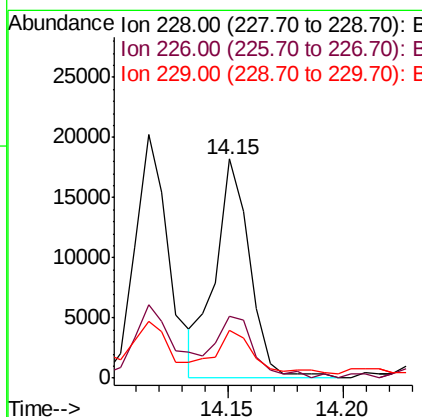
Manual Integrations
 APPROVED

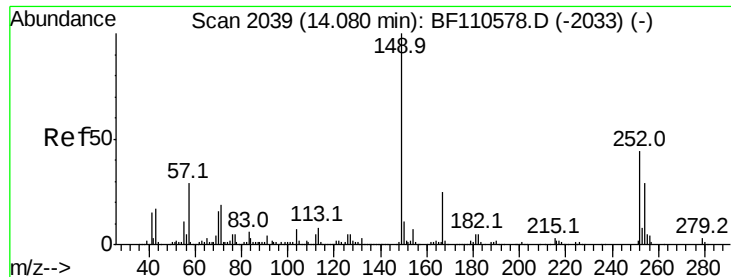
Sohil
 11/9/2018 4:26:19 PM



#83
 Chrysene
 Concen: 2.047 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110607.D
 Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.4	24.7	37.1
229	22.1	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.679 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110607.D

Acq: 9 Nov 2018 1:23

Instrument :

BNA_F

ClientSampleId :

B-23(0-10)

Tot Ion:149 Resp: 17928

Ion Ratio Lower Upper

149 100

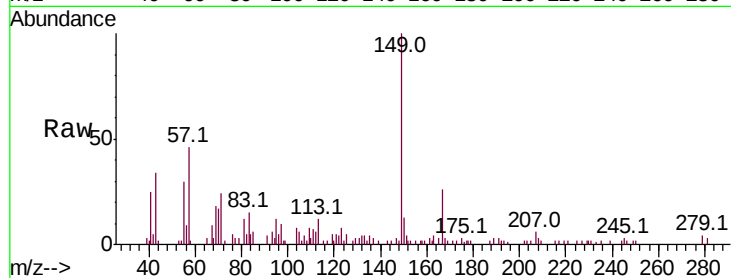
167 26.4 19.8 29.8

279 4.2 2.7 4.1#

Manual Integrations
APPROVED

Sohil

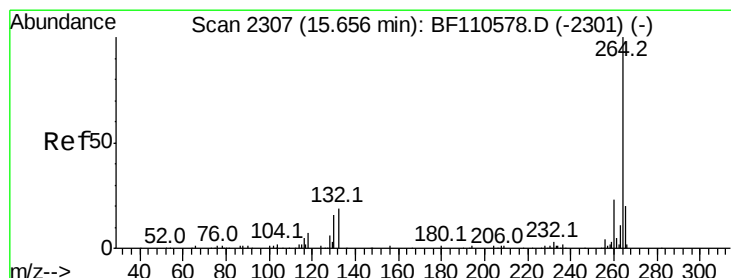
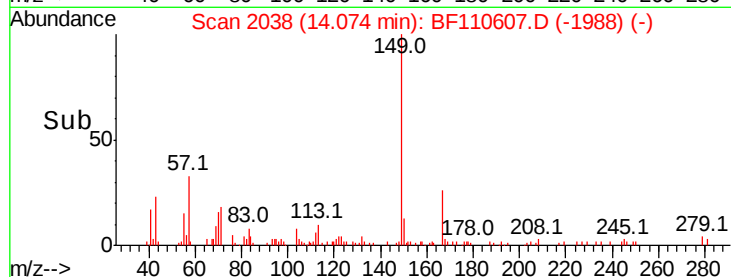
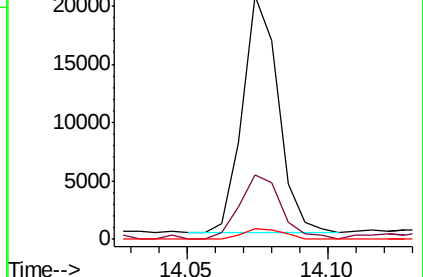
11/9/2018 4:26:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110607.D

Acq: 9 Nov 2018 1:23

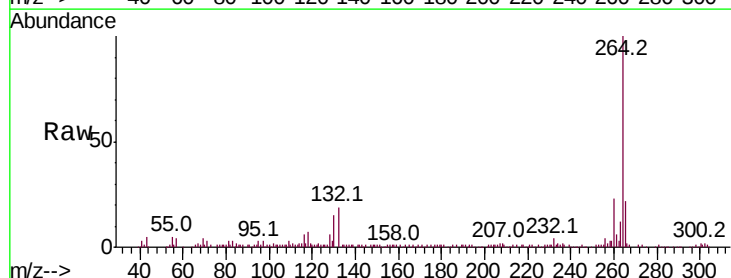
Tgt Ion:264 Resp: 125483

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

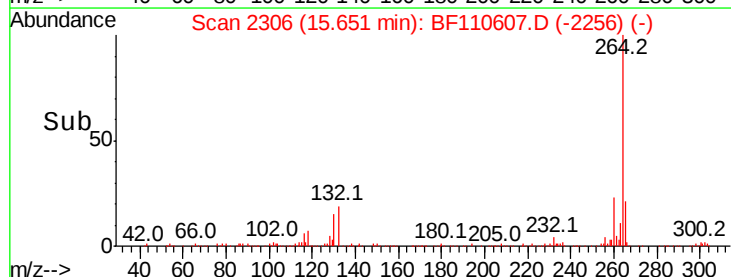
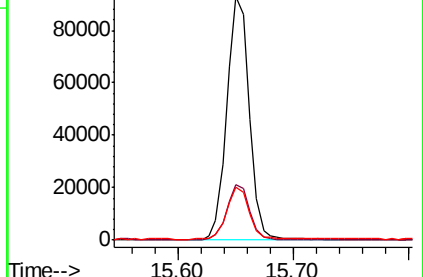
265 21.5 16.7 25.1

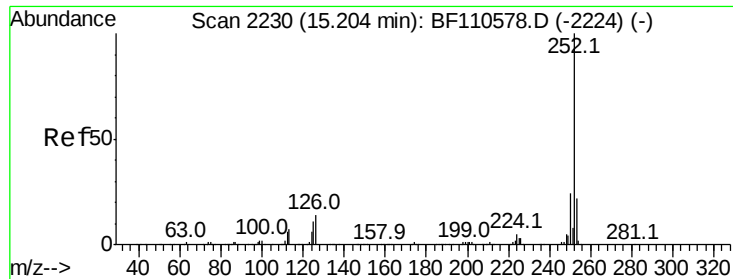


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





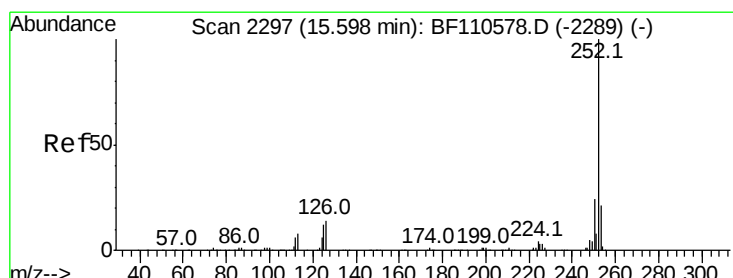
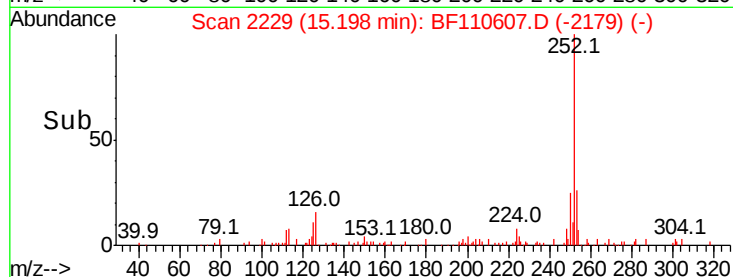
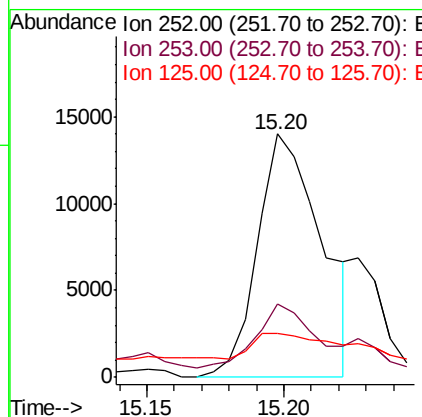
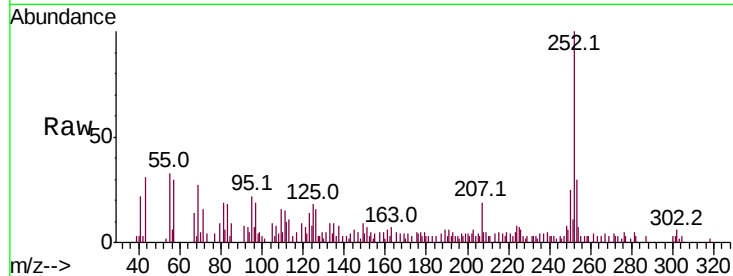
#88
Benzo(b)fluoranthene
Concen: 3.027 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
B-23(0-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.2	25.8#
125	18.0	8.2	12.4#

Manual Integrations
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Sohil
11/9/2018 4:26:19 PM



#90
Benzo(a)pyrene
Concen: 2.145 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110607.D
Acq: 9 Nov 2018 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	21.5	9.0	13.6#

