

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110730.D
 Acq On : 13 Nov 2018 20:21
 Operator : JU/SJ
 Sample : J5910-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-4-S

Manual Integrations
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Sohil
 11/14/2018 1:52:24 PM

Quant Time: Nov 14 05:56:09 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	6.95	152	91824	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	376950	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	154028	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	228490	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186930	20.00	ng	-0.01
87) Perylene-d12	15.66	264	158322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	269942	47.75	ng	0.00
7) Phenol-d6	6.56	99	340266	47.07	ng	-0.01
23) Nitrobenzene-d5	7.50	82	209484	32.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	59132	38.10	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	373229	34.61	ng	0.00
79) Terphenyl-d14	13.06	244	239067	23.95	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	17510	2.089	ng	Qvalue # 76
50) Dimethylphthalate	9.69	163	54359	4.730	ng	99
71) Phenanthrene	11.50	178	34179	2.792	ng	99
75) Fluoranthene	12.70	202	41079	3.347	ng	98
78) Pyrene	12.93	202	34537	2.400	ng	98
88) Benzo(b)fluoranthene	15.20	252	22181m	2.342	ng	

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

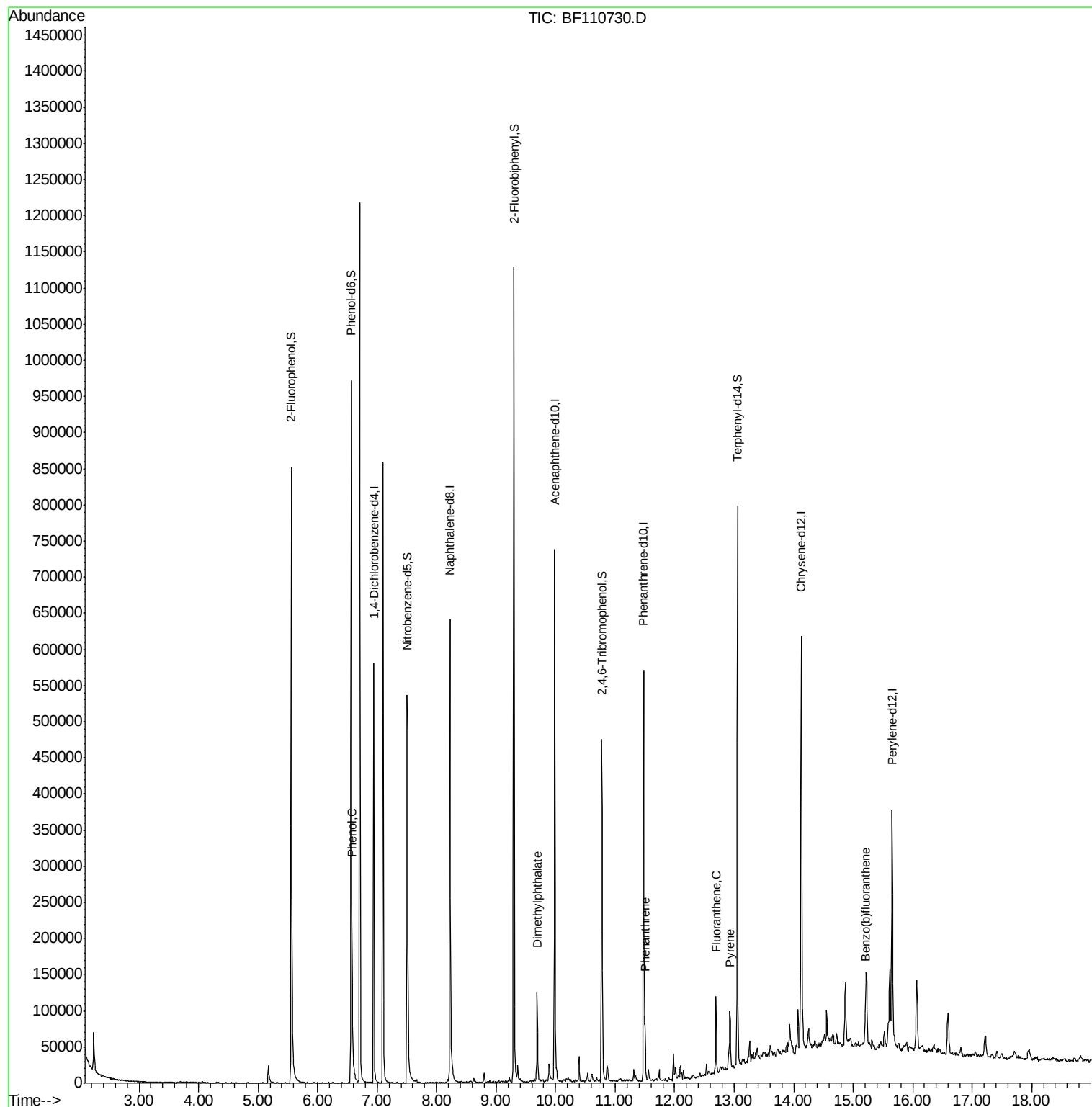
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110730.D
Acq On : 13 Nov 2018 20:21
Operator : JU/SJ
Sample : J5910-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

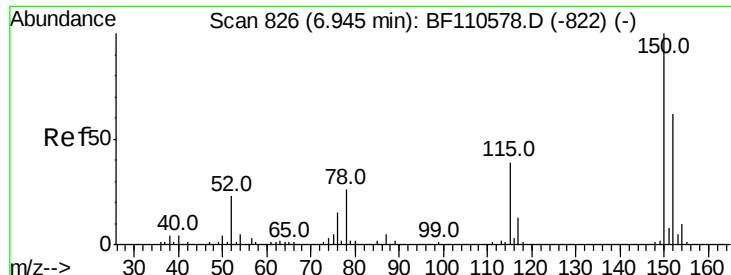
Instrument :
BNA_F
ClientSampleId :
W-4-S

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Quant Time: Nov 14 05:56:09 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
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#1

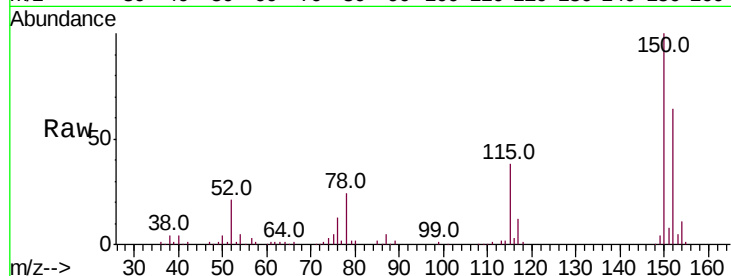
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	58.9	49.1	73.7

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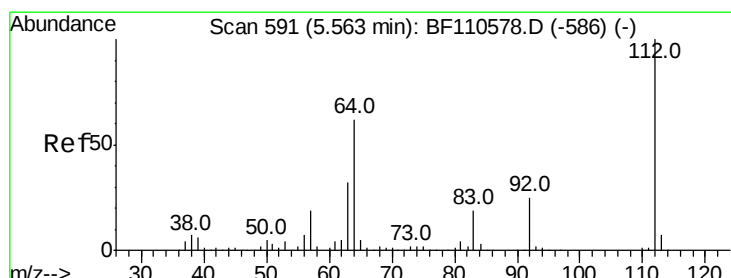
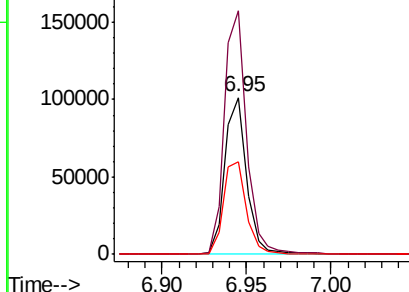
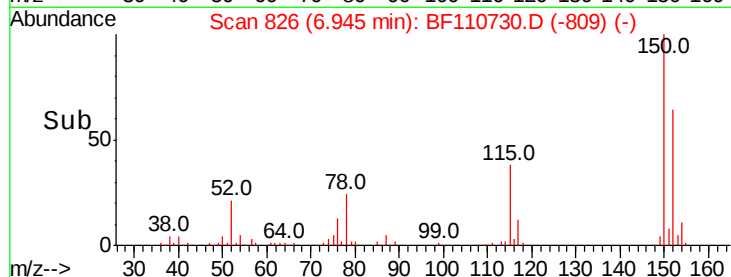


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

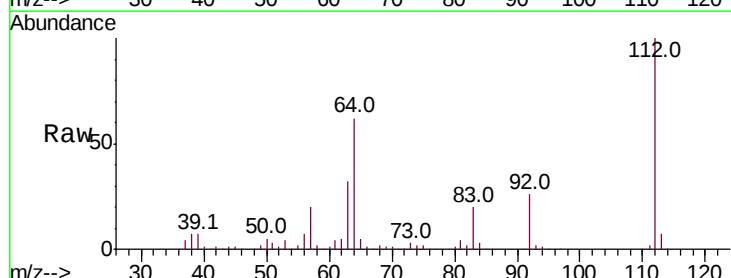
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.751 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.4	23.7	35.5

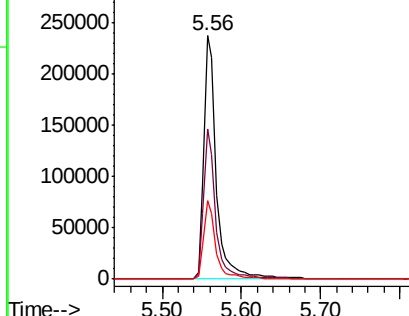
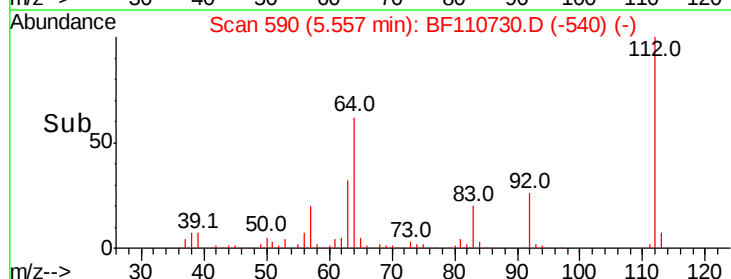


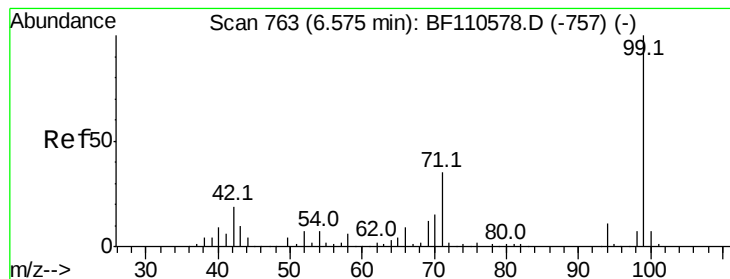
Abundance

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: 47.070 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

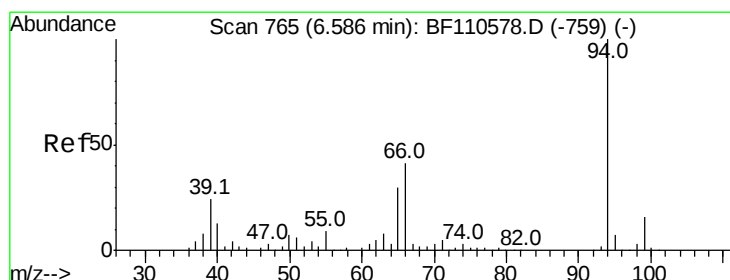
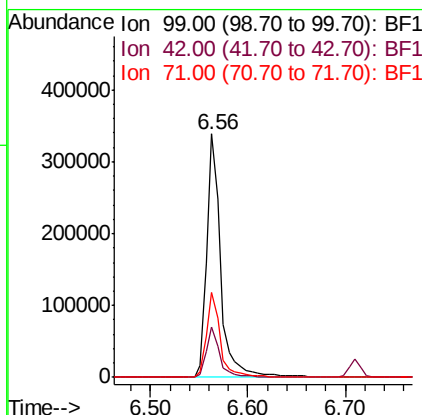
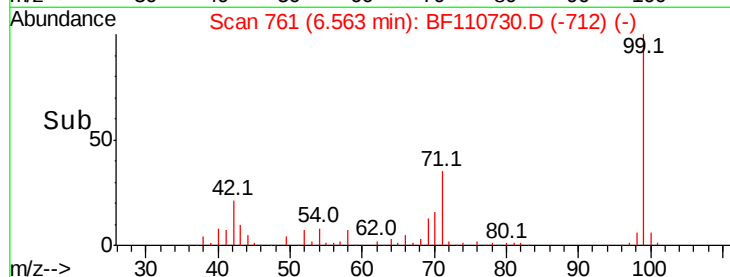
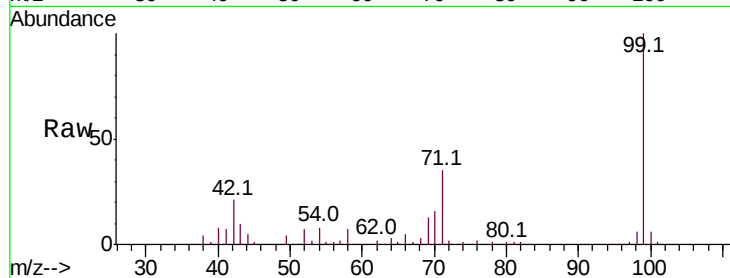
ClientSampled :

W-4-S

Tot Ion:	99	Resp:	340266
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.8	23.6
71	35.0	28.0	42.0

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#10

Phenol

Concen: 2.089 ng

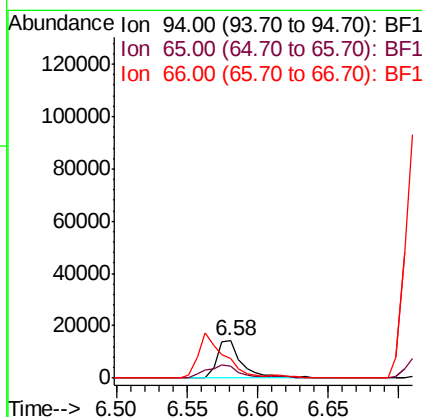
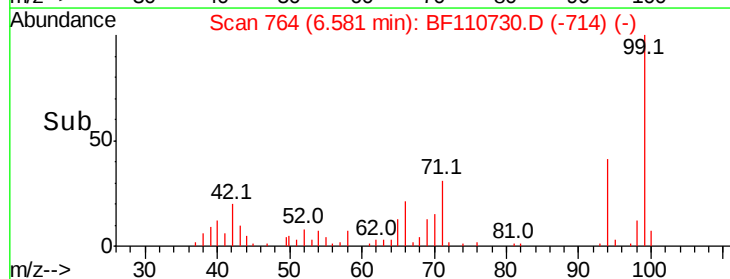
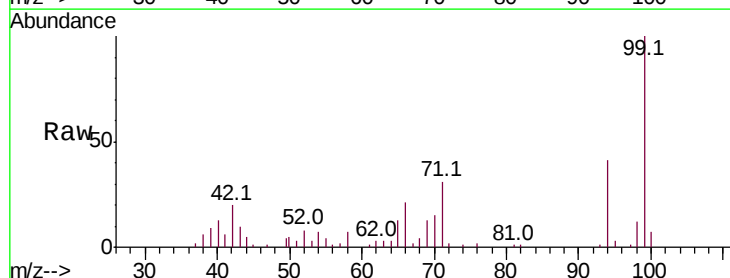
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Tgt Ion:	94	Resp:	17510
Ion	Ratio	Lower	Upper
94	100		
65	32.6	25.3	65.3
66	51.3	54.5	94.5#





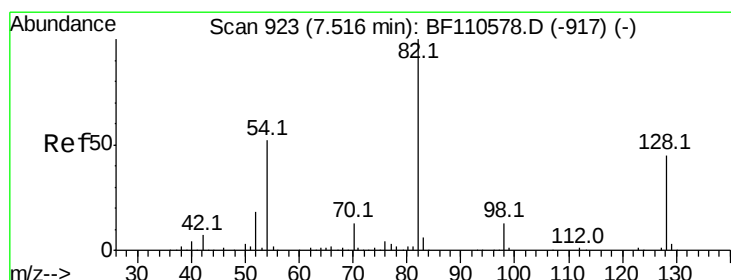
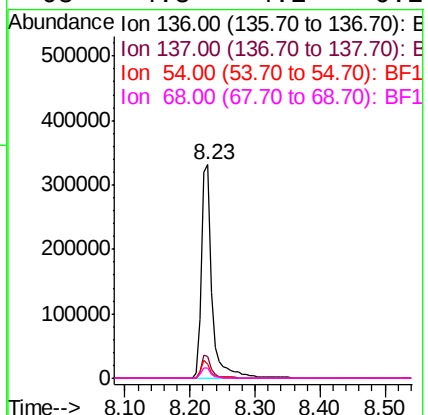
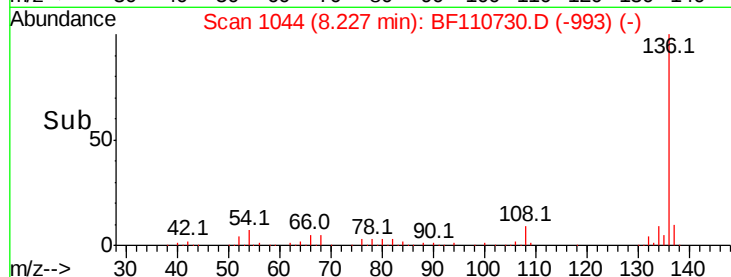
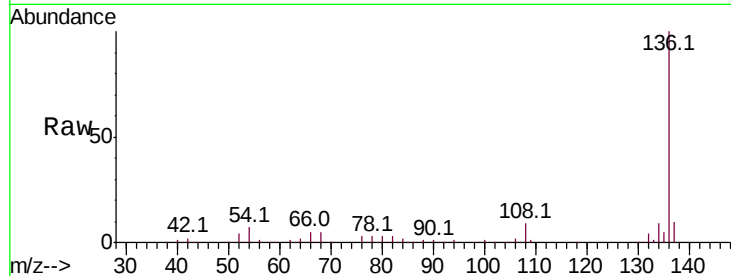
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	6.9	5.4	8.2	
68	4.8	4.2	6.2	

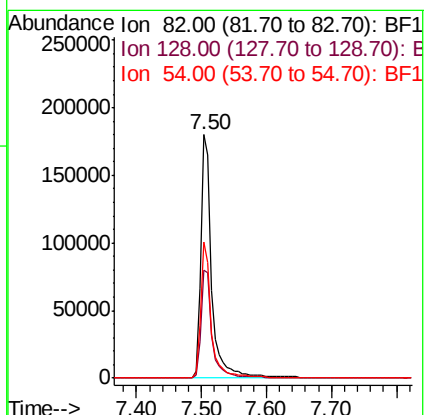
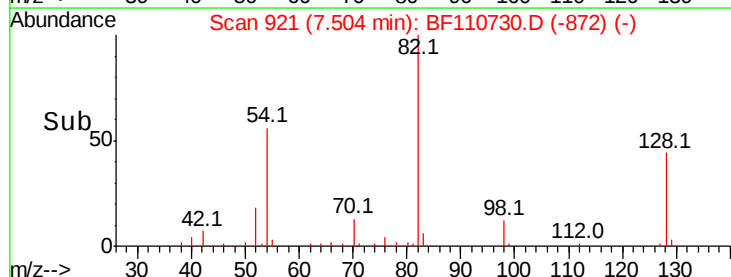
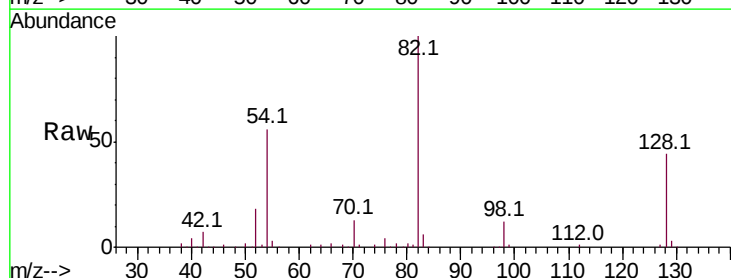
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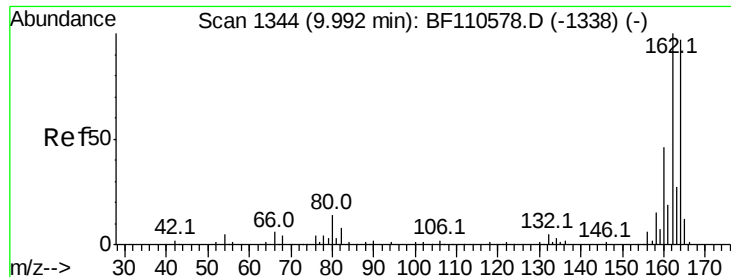
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#23
Nitrobenzene-d5
Concen: 32.004 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.2	51.2	
54	56.0	38.6	58.0	





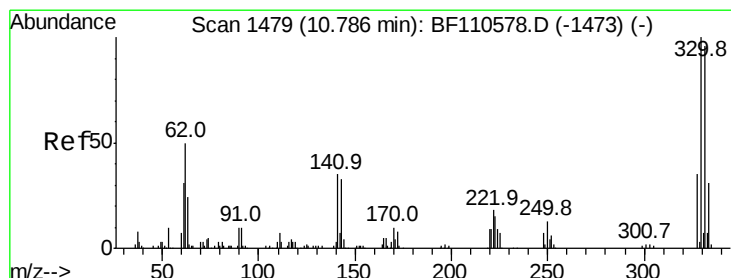
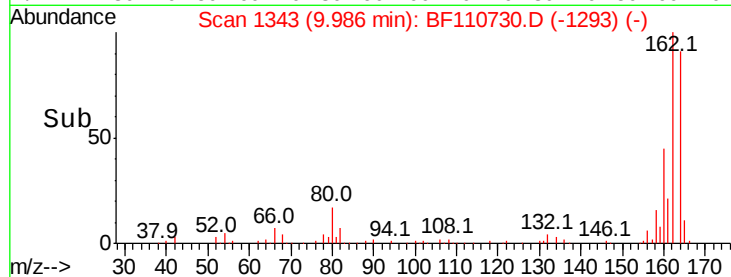
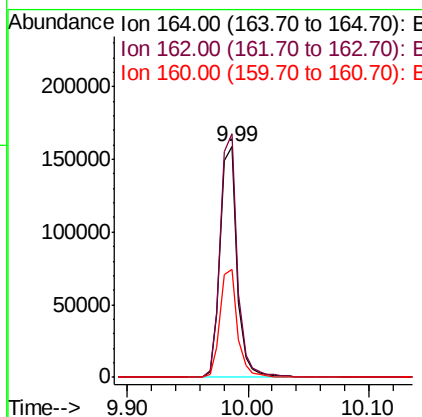
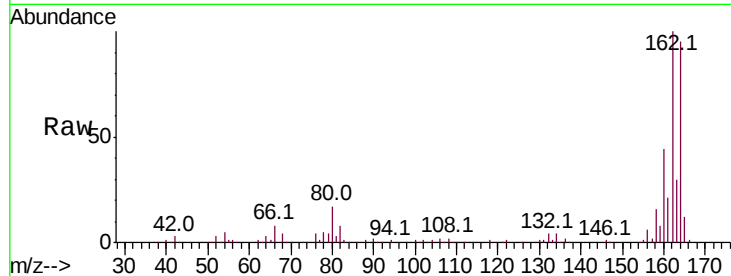
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.6
160	47.0	37.0	55.6

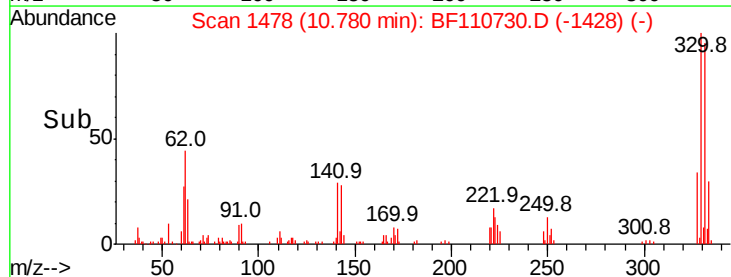
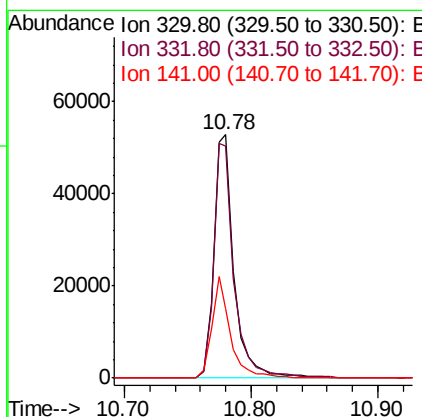
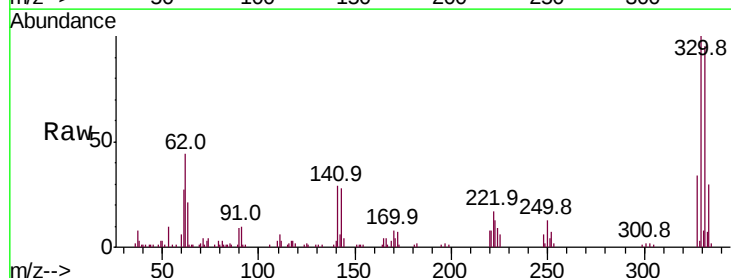
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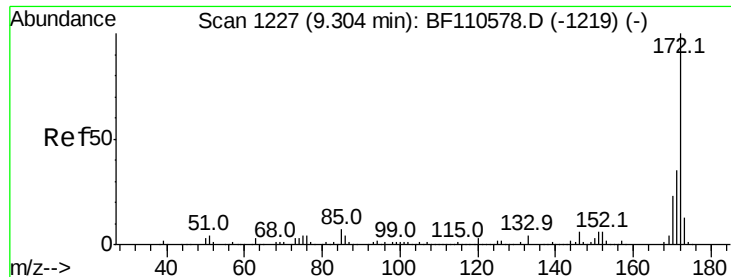
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#42
2,4,6-Tribromophenol
Concen: 38.100 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	38.0	27.0	40.4





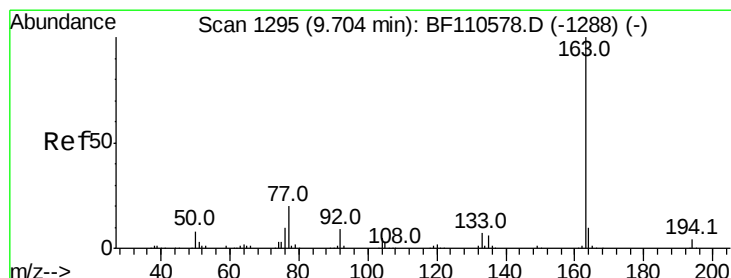
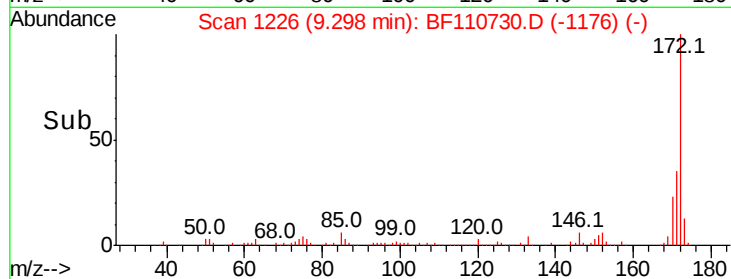
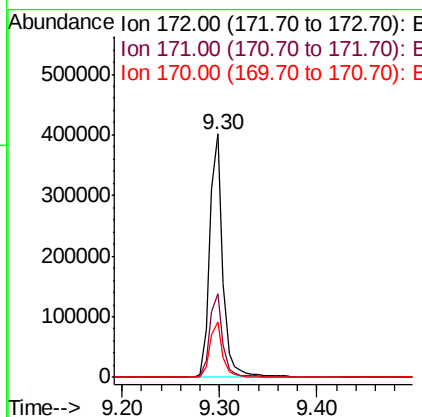
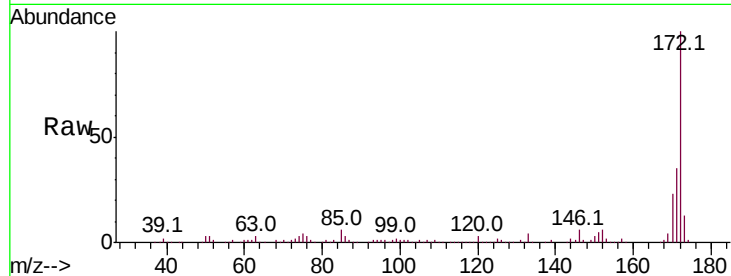
#45
2-Fluorobiphenyl
Concen: 34.607 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	373229		
171	34.5		28.6	43.0
170	23.0		19.7	29.5

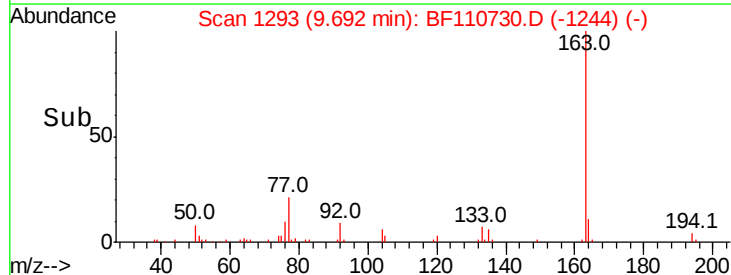
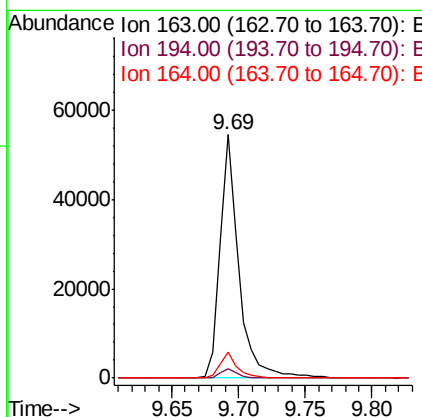
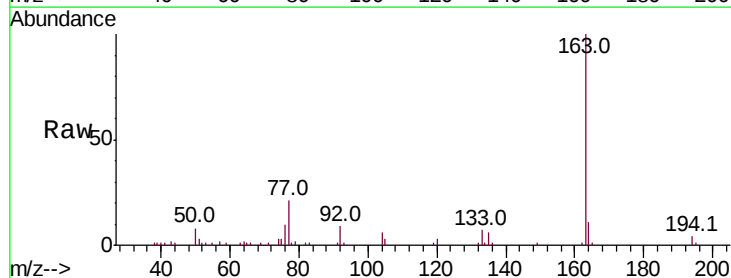
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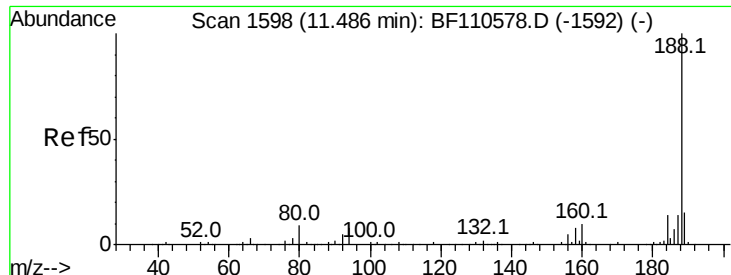
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#50
Dimethylphthalate
Concen: 4.730 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	54359		
194	3.9		3.2	4.8
164	10.5		8.1	12.1





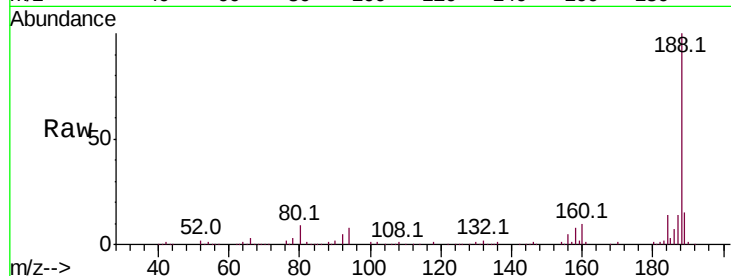
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampleId :
W-4-S

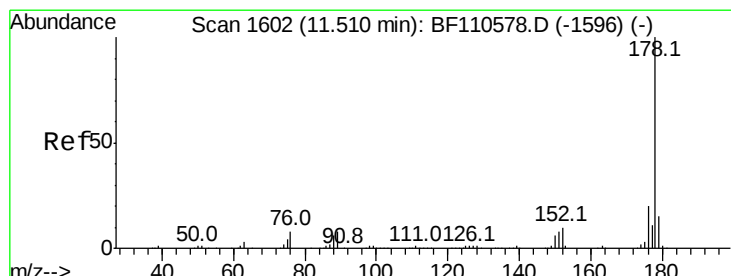
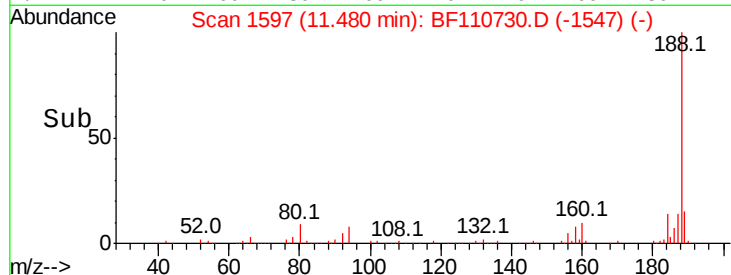
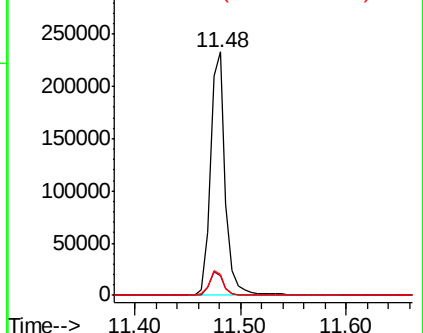
Tot Ion	Ratio	Resp	Lower	Upper
188	100	228490		
94	8.2		7.2	10.8
80	8.8		7.9	11.9

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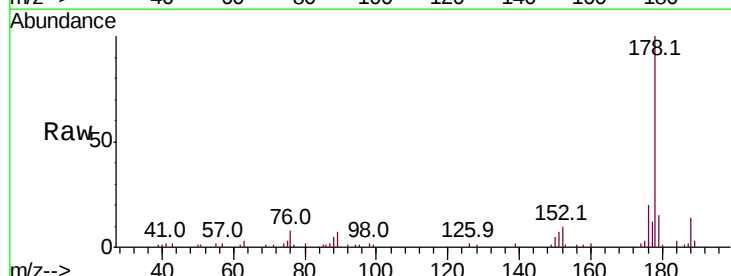


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

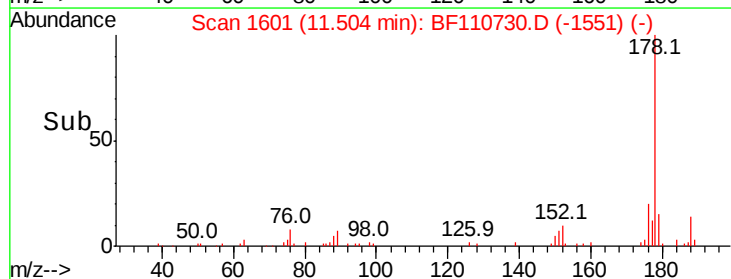
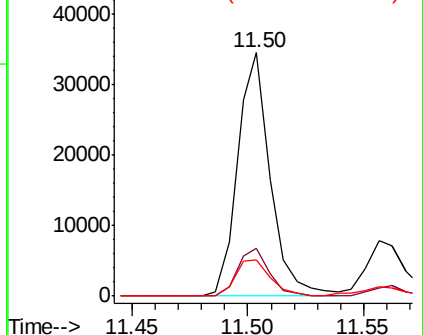


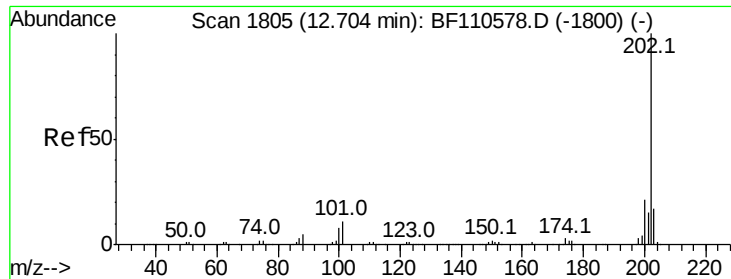
#71
Phenanthrene
Concen: 2.792 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34179		
176	19.7		15.5	23.3
179	15.0		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





#75

Fluoranthene

Concen: 3.347 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

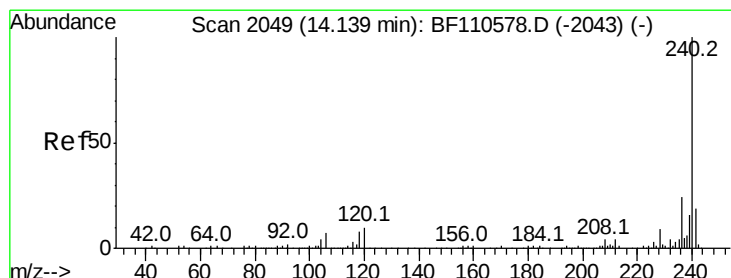
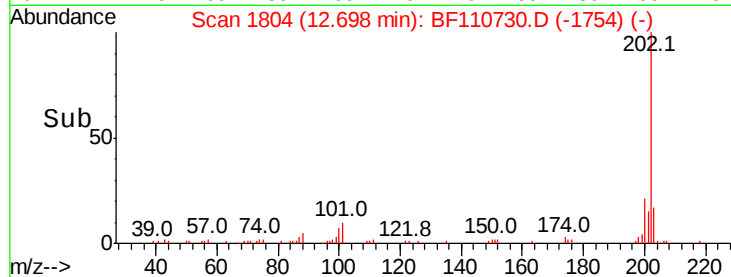
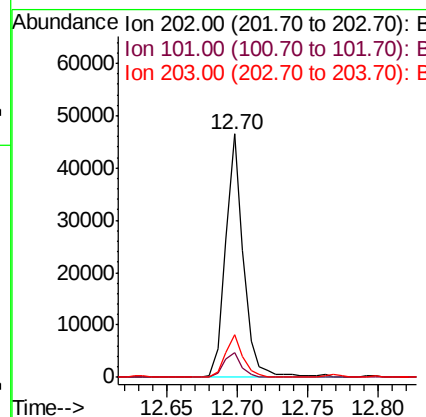
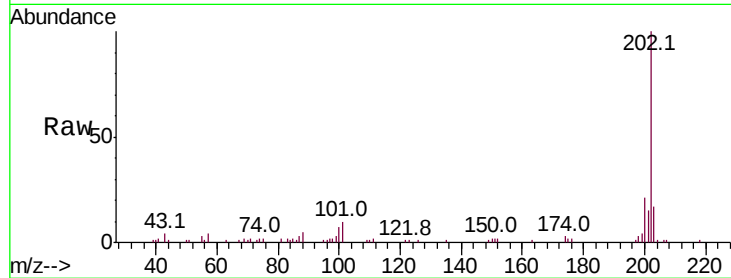
ClientSampleId :

W-4-S

Tot Ion:	202	Resp:	41079
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.4
203	17.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

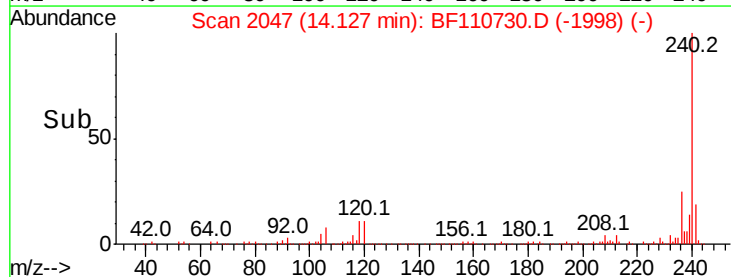
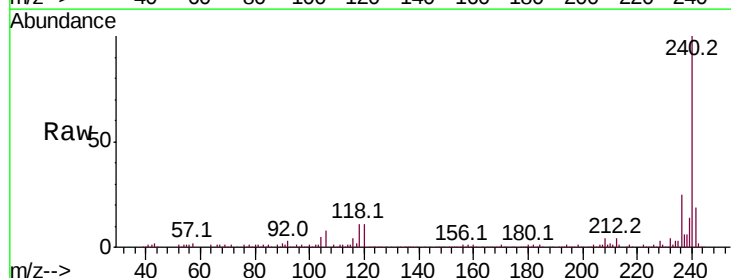
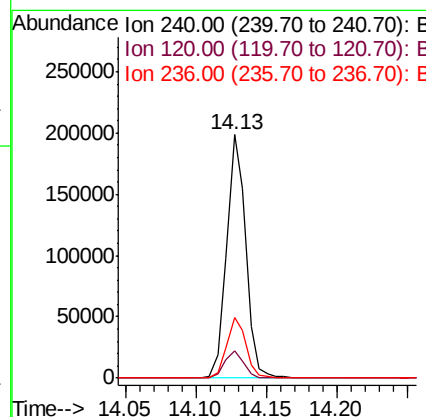
RT: 14.13 min Scan# 2047

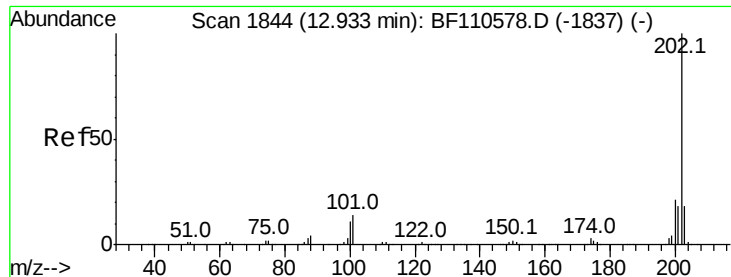
Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Tgt Ion:	240	Resp:	186930
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.3	12.5
236	24.7	21.2	31.8





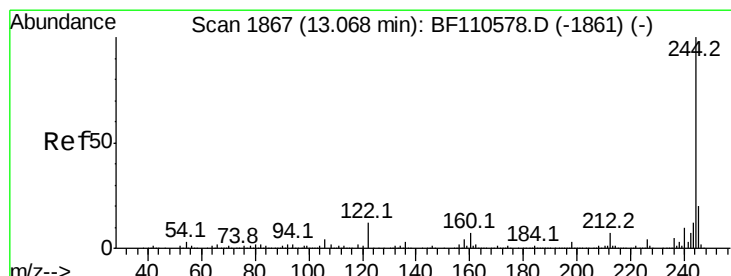
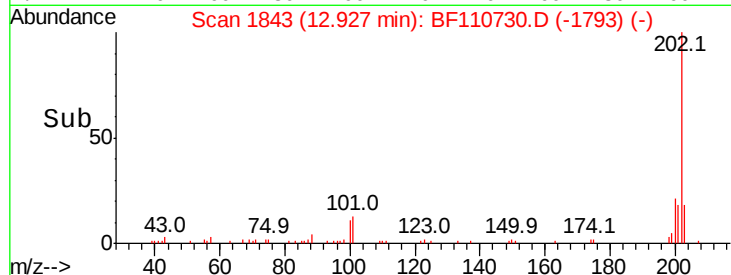
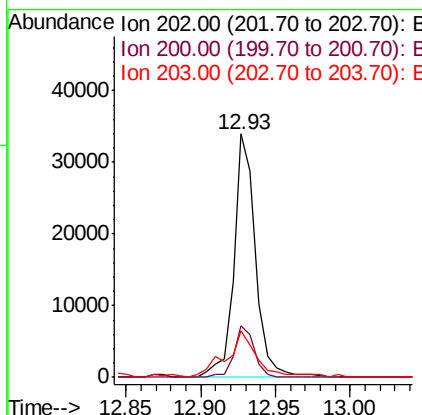
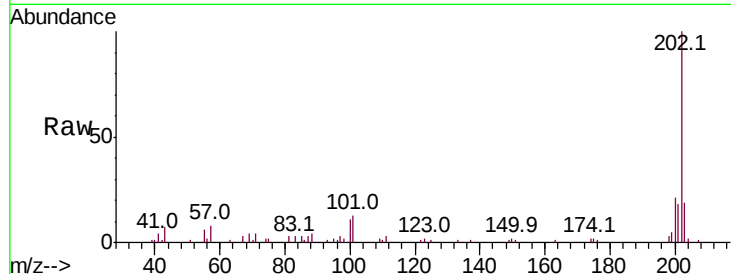
#78
Pvrene
Concen: 2.400 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampleId :
W-4-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.1	14.2	21.4

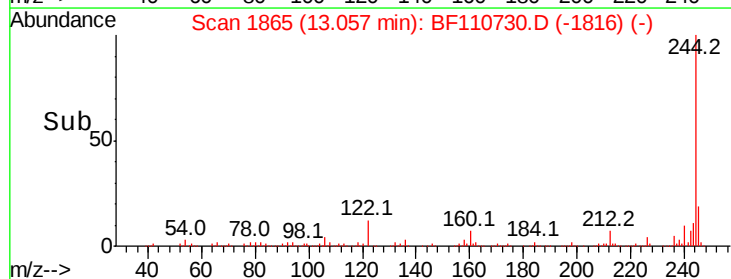
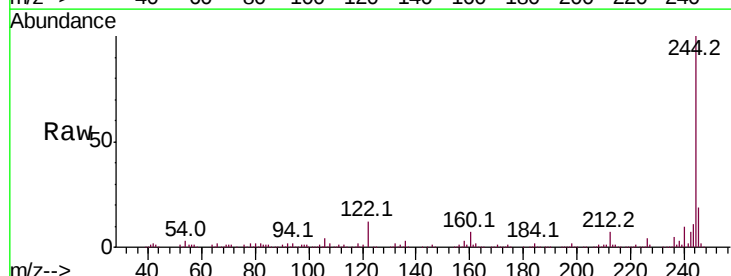
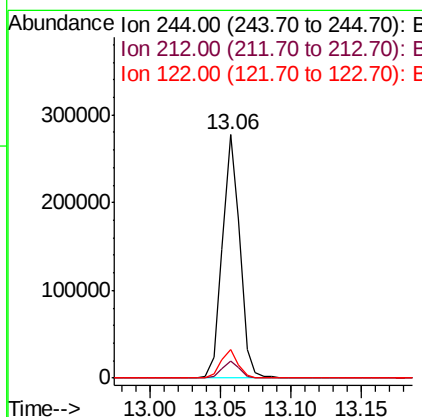
Manual Integrations
APPROVED

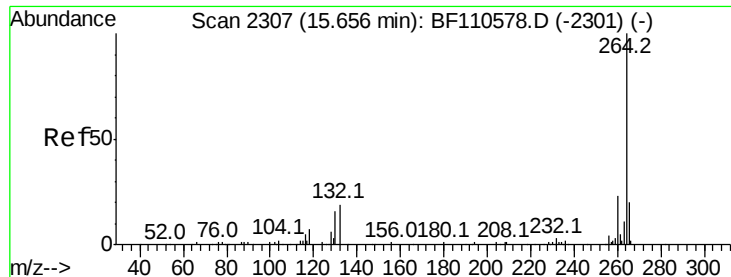
Sohil
11/14/2018 1:52:24 PM



#79
Terphenyl-d14
Concen: 23.951 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.0	8.7	13.1





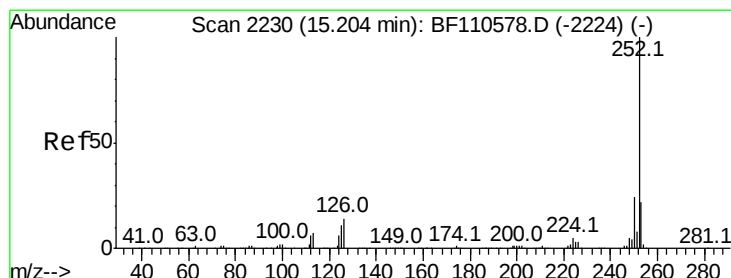
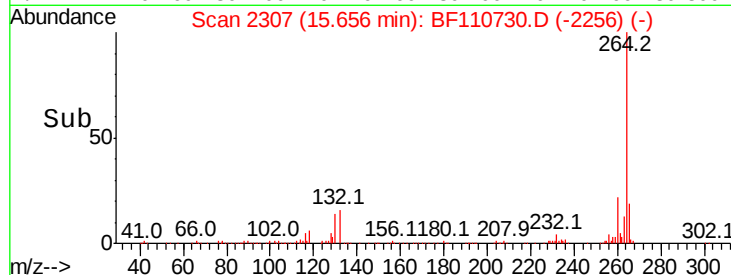
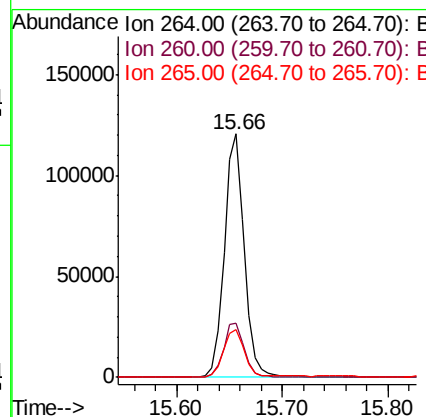
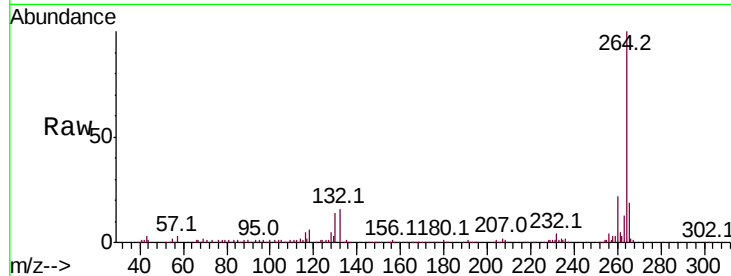
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	19.4	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/14/2018 1:52:24 PM



#88
Benzo(b)fluoranthene
Concen: 2.342 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	14.6	8.2	12.4

