

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110720.D
 Acq On : 13 Nov 2018 15:47
 Operator : JU/SJ
 Sample : J5908-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-2-S

Manual Integrations
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Quant Time: Nov 13 16:49:09 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	76249	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	306993	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136355	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	230157	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	153982	20.00	ng	-0.01
87) Perylene-d12	15.65	264	163339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	460968	98.20	ng	0.00
7) Phenol-d6	6.57	99	569874	94.93	ng	0.00
23) Nitrobenzene-d5	7.51	82	353331	66.28	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	111534	81.18	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	587647	61.55	ng	0.00
79) Terphenyl-d14	13.06	244	451680	54.93	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	25707	3.693	ng	Qvalue # 76
50) Dimethylphthalate	9.69	163	32127	3.158	ng	99
75) Fluoranthene	12.70	202	27169	2.198	ng	98
78) Pyrene	12.93	202	25049	2.113	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	13106	2.083	ng	97
88) Benzo(b)fluoranthene	15.20	252	25780m	2.638	ng	
90) Benzo(a)pyrene	15.59	252	19027	2.143	ng	# 93

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

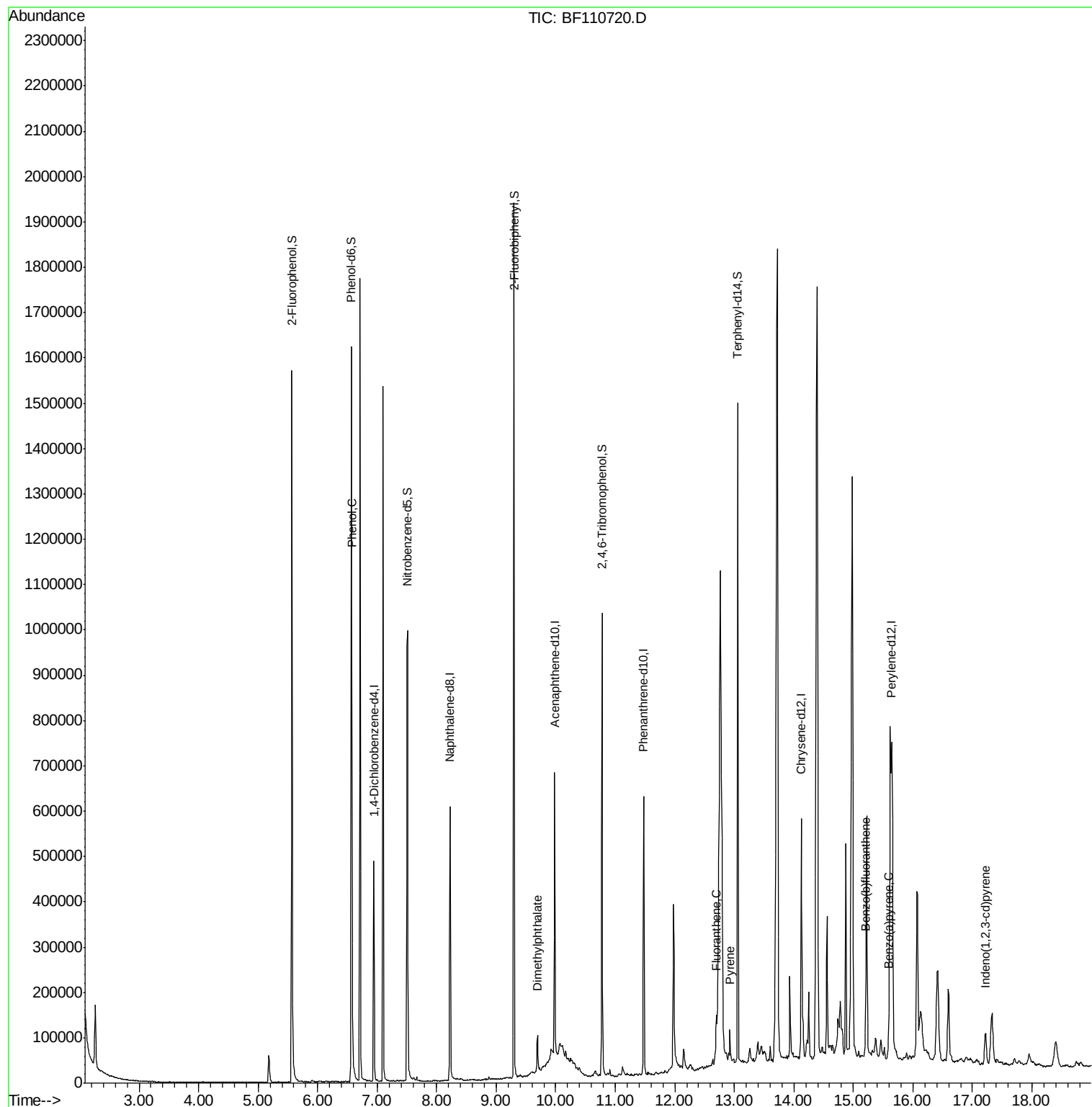
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110720.D
Acq On : 13 Nov 2018 15:47
Operator : JU/SJ
Sample : J5908-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

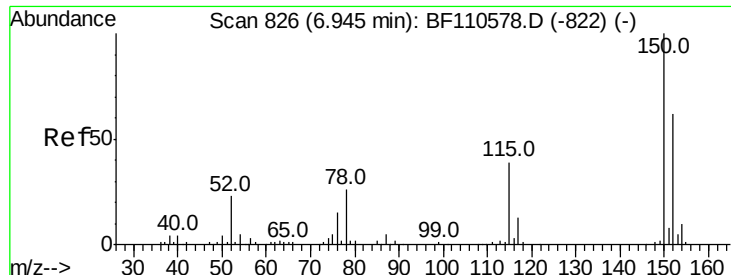
Instrument :
BNA_F
ClientSampleId :
SR-2-S

Quant Time: Nov 13 16:49:09 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
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#1

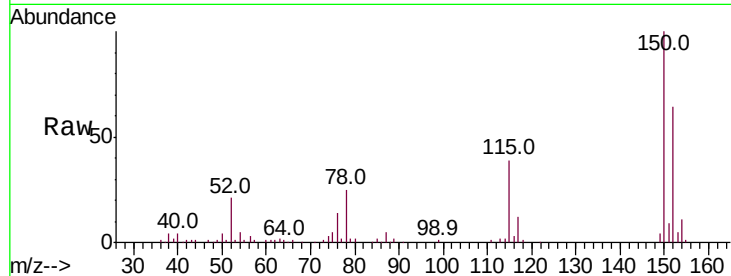
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Instrument :
BNA_F
ClientSampled :
SR-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.0	49.1	73.7

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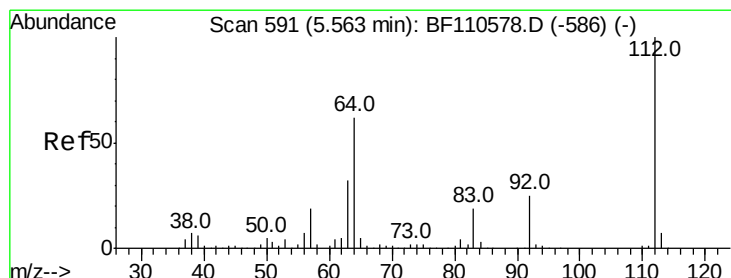
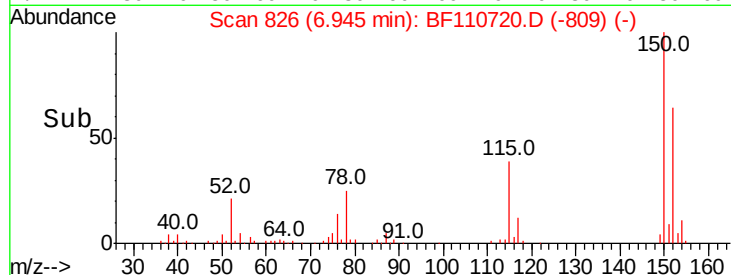
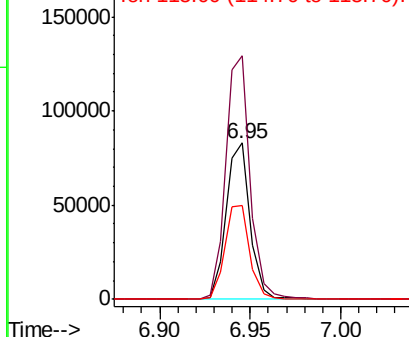


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

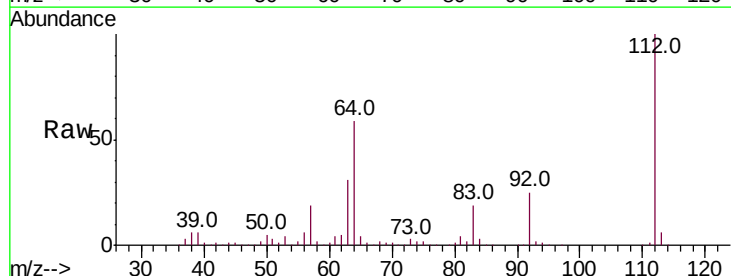
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.199 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	31.2	23.7	35.5

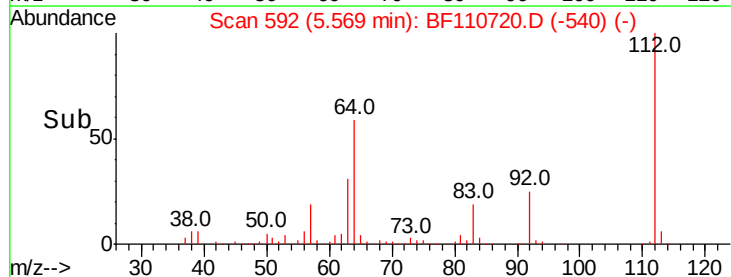
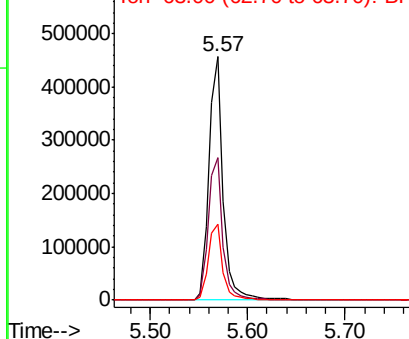


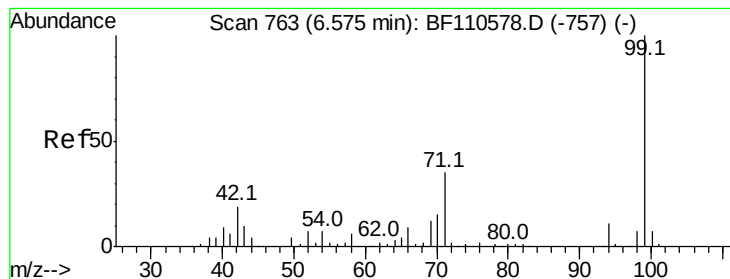
Abundance

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: 94.935 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110720.D

Acq: 13 Nov 2018 15:47

Instrument :

BNA_F

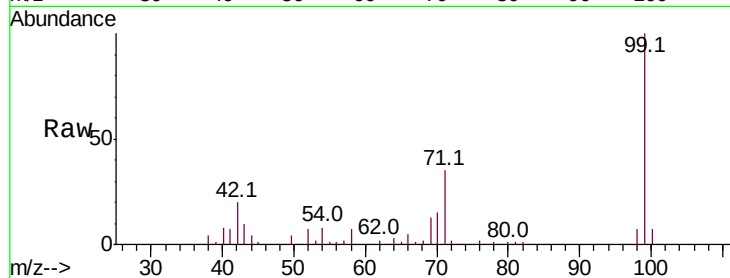
ClientSampled :

SR-2-S

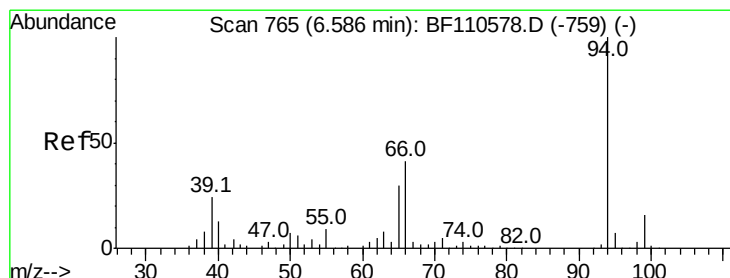
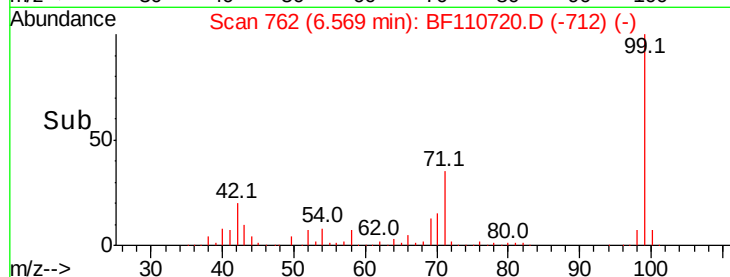
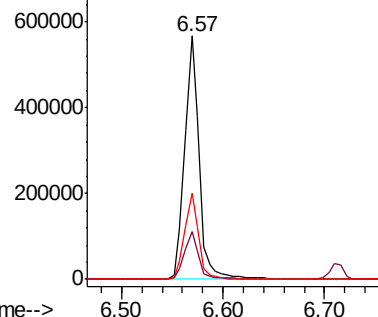
Tot Ion:	99	Resp:	569874
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	35.3	28.0	42.0

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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: 3.693 ng

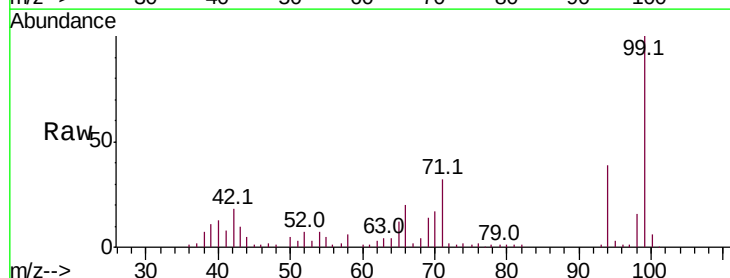
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

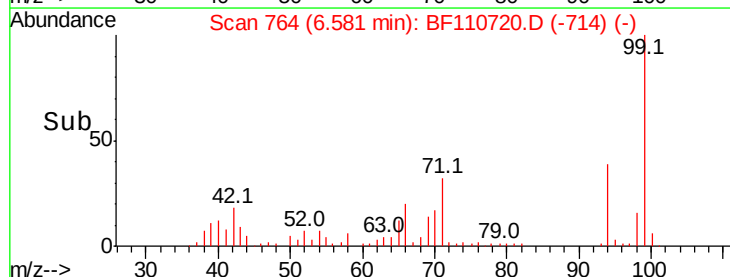
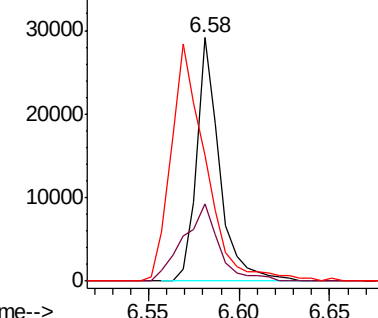
Lab File: BF110720.D

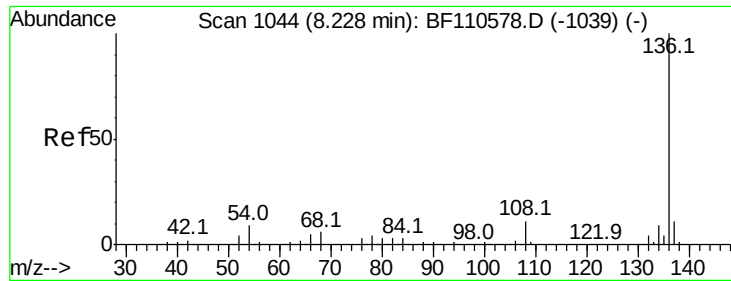
Acq: 13 Nov 2018 15:47

Tgt Ion:	94	Resp:	25707
Ion Ratio	Lower	Upper	
94	100		
65	31.9	25.3	65.3
66	51.7	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





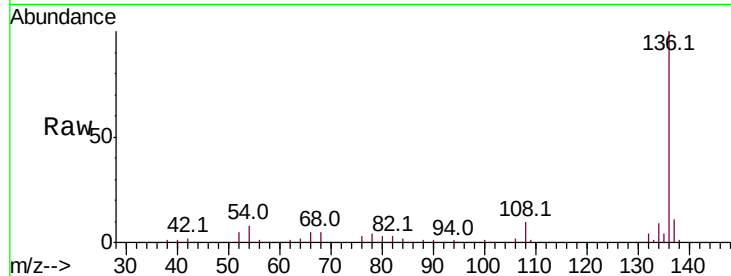
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Instrument :
BNA_F
ClientSampleId :
SR-2-S

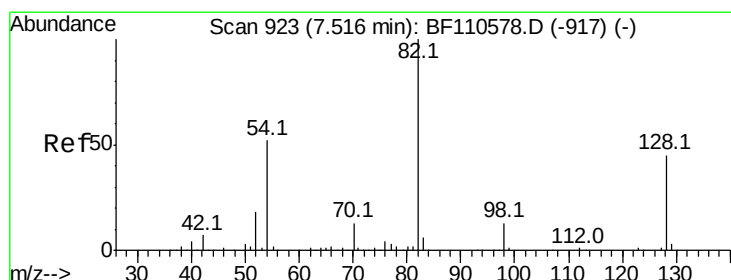
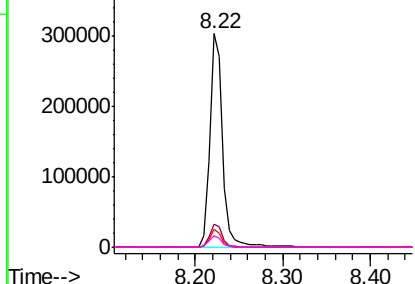
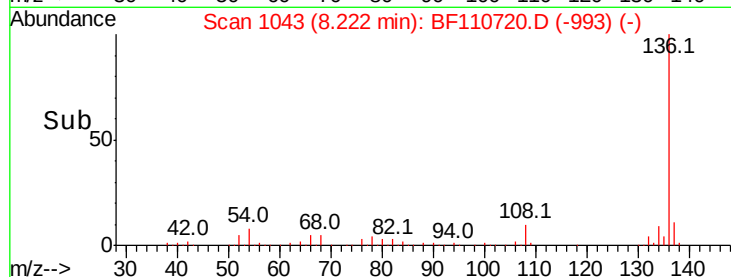
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	8.2	5.4	8.2#	
68	5.3	4.2	6.2	

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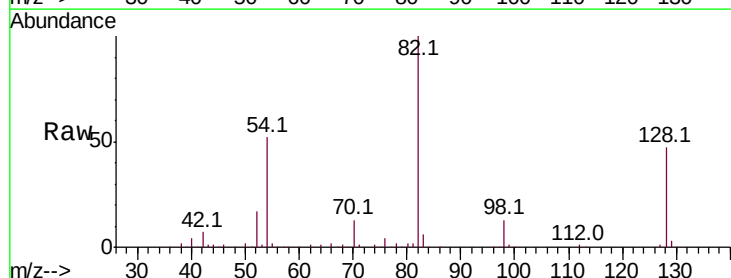


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

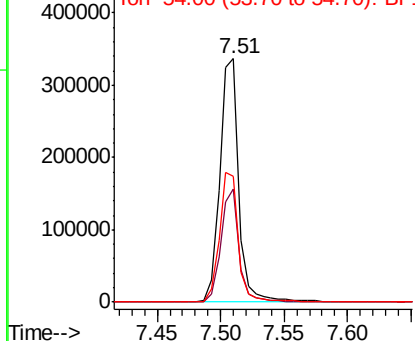
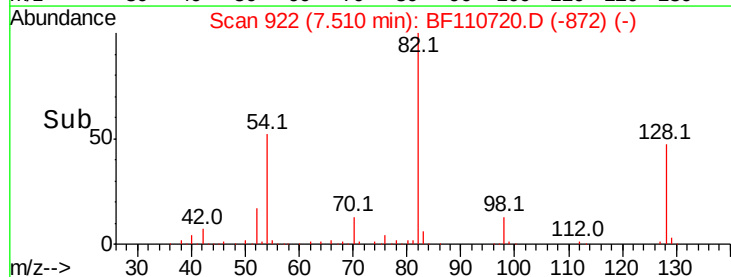


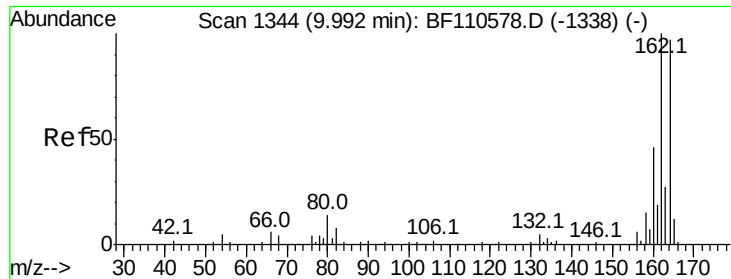
#23
Nitrobenzene-d5
Concen: 66.282 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.2	51.2	
54	51.8	38.6	58.0	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





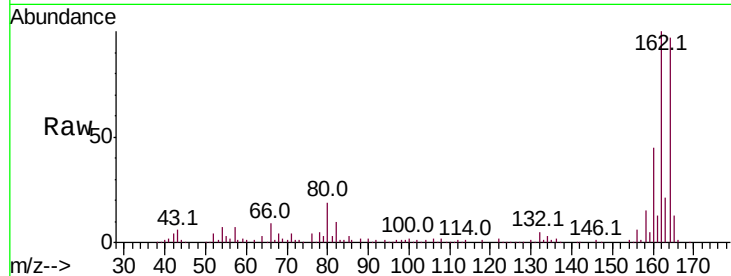
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Instrument :
BNA_F
ClientSampled :
SR-2-S

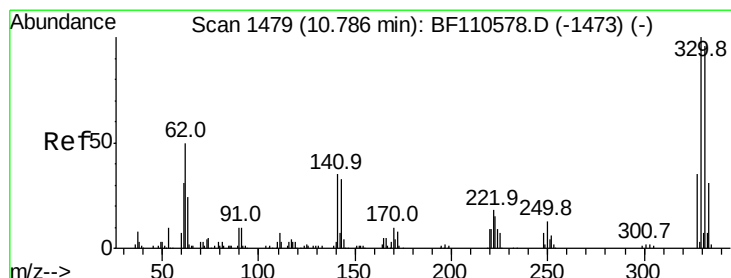
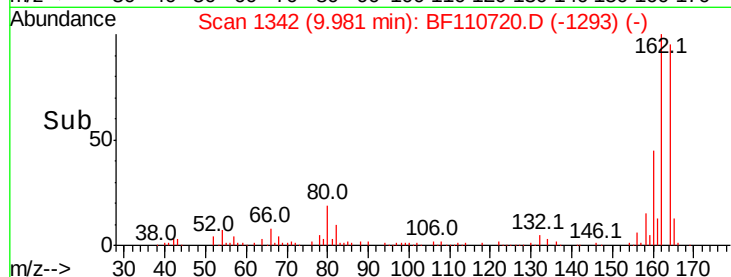
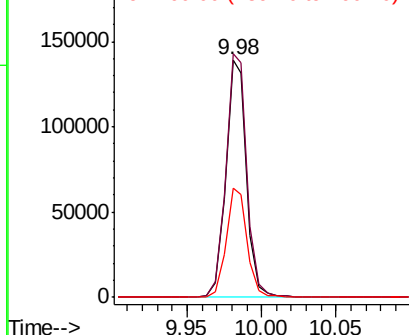
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	45.9	37.0	55.6

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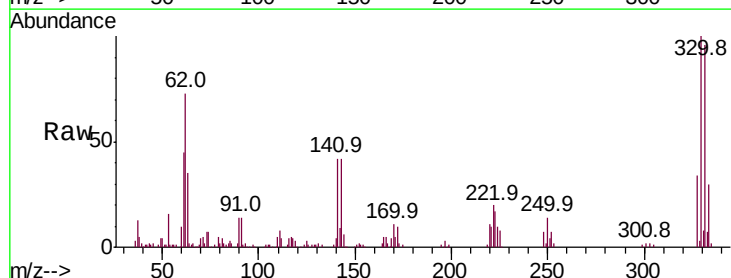


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

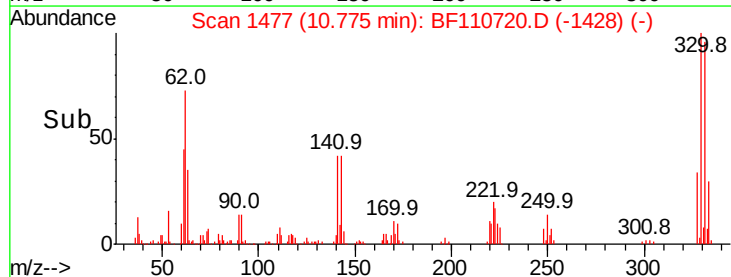
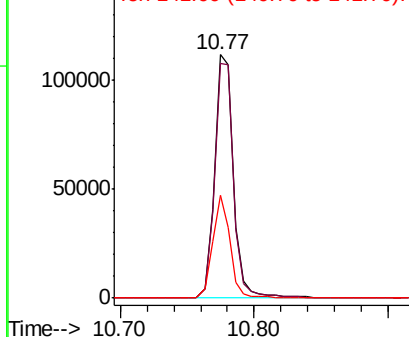


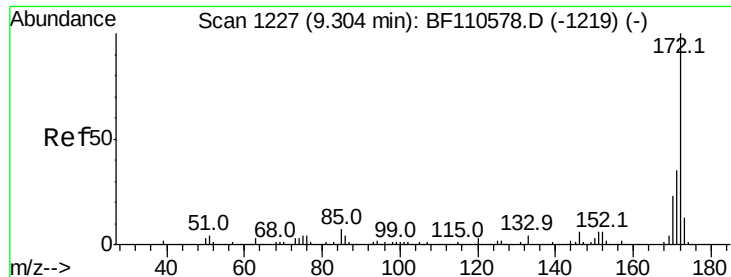
#42
2,4,6-Tribromophenol
Concen: 81.178 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.9	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





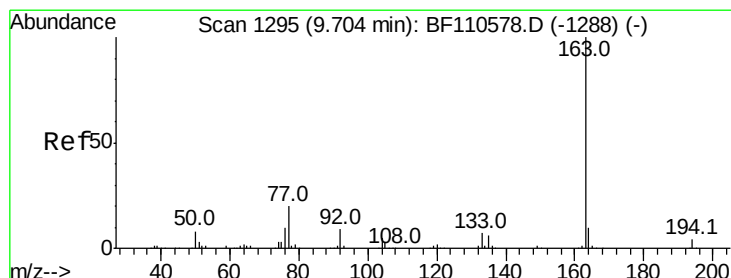
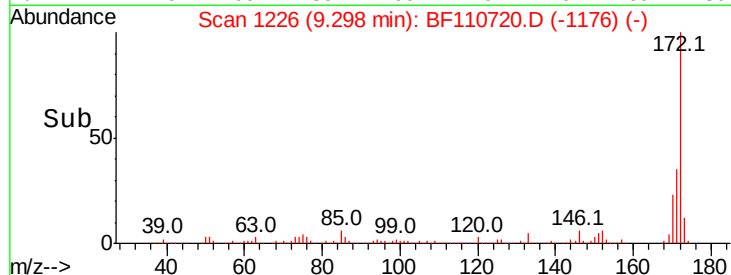
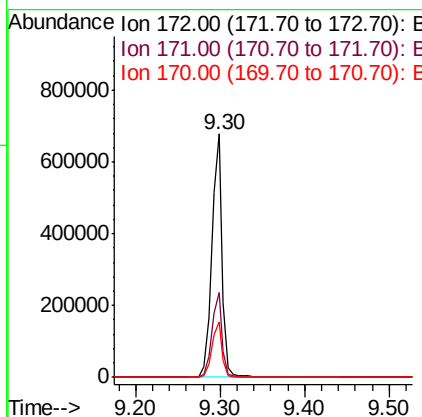
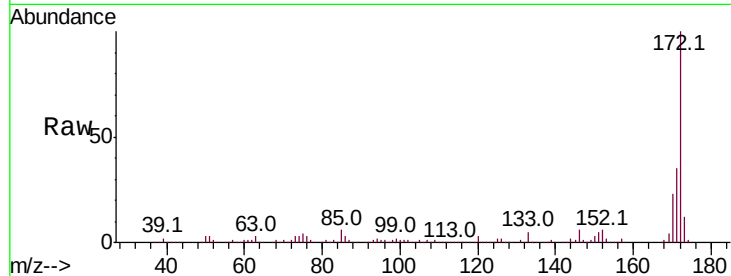
#45
2-Fluorobiphenyl
Concen: 61.550 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Instrument :
BNA_F
ClientSampleId :
SR-2-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	587647		
171	35.1		28.6	43.0
170	23.0		19.7	29.5

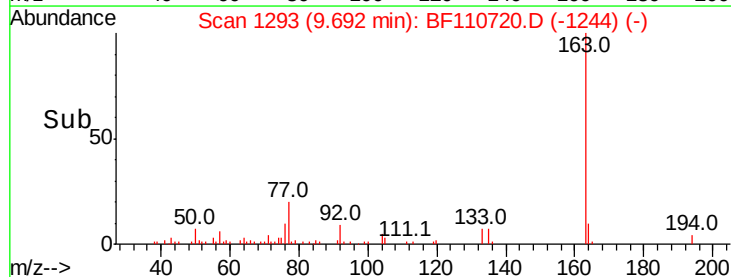
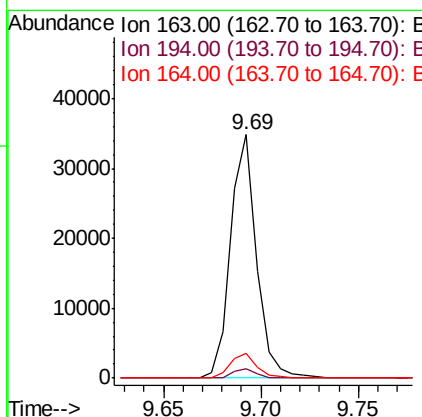
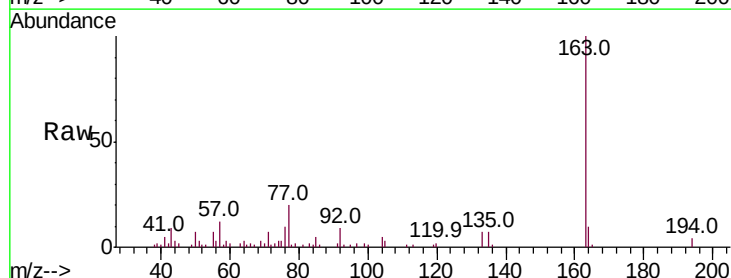
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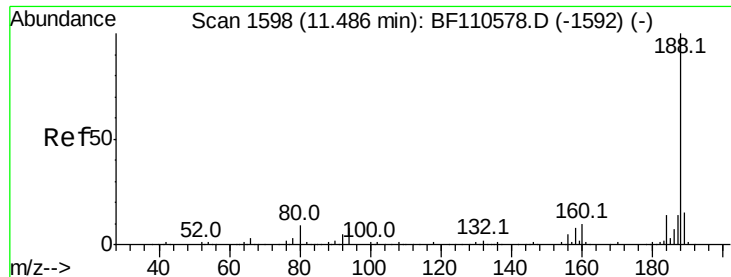
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#50
Dimethylphthalate
Concen: 3.158 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	32127		
194	3.7		3.2	4.8
164	10.0		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110720.D

Acq: 13 Nov 2018 15:47

Instrument :

BNA_F

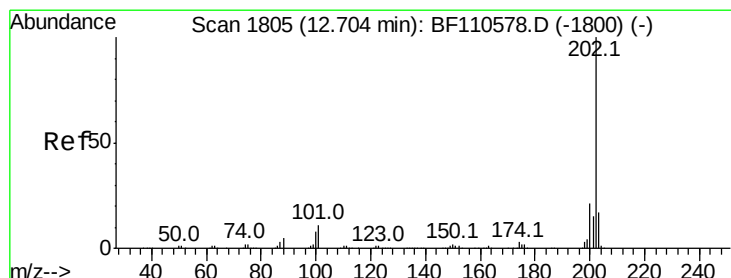
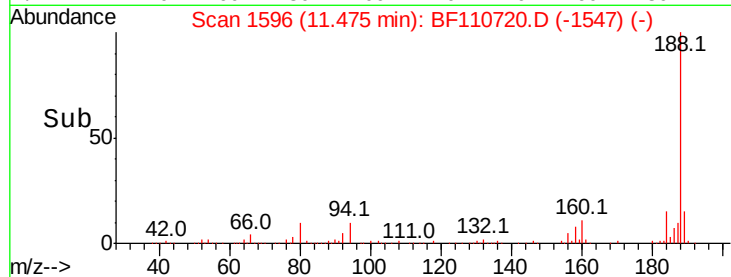
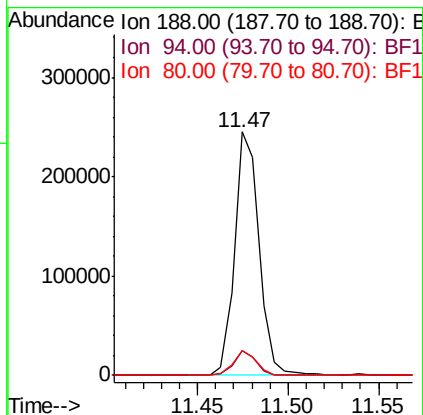
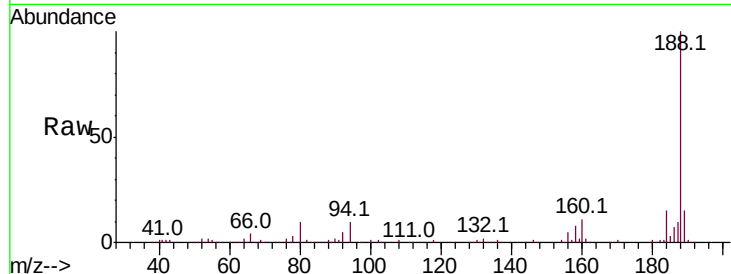
ClientSampled :

SR-2-S

Tot Ion:	188	Resp:	230157
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.2	10.8
80	10.2	7.9	11.9

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#75

Fluoranthene

Concen: 2.198 ng

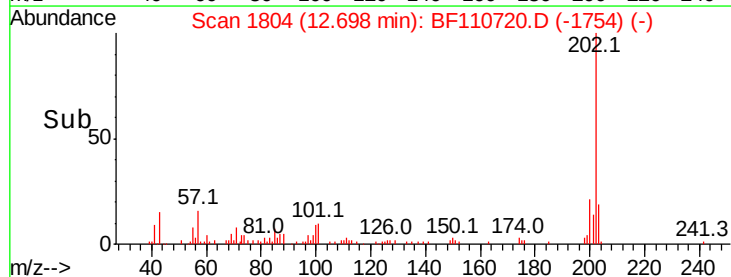
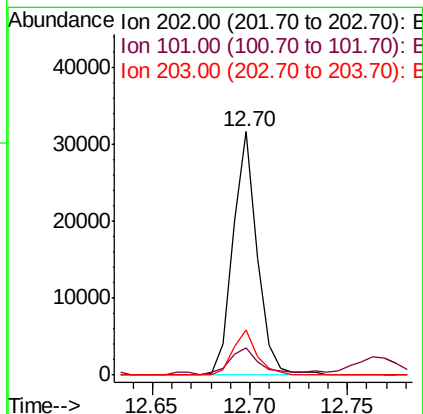
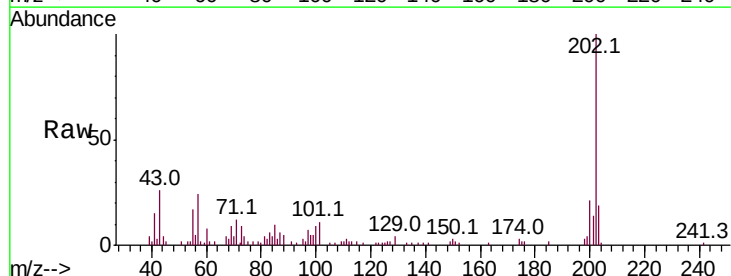
RT: 12.70 min Scan# 1804

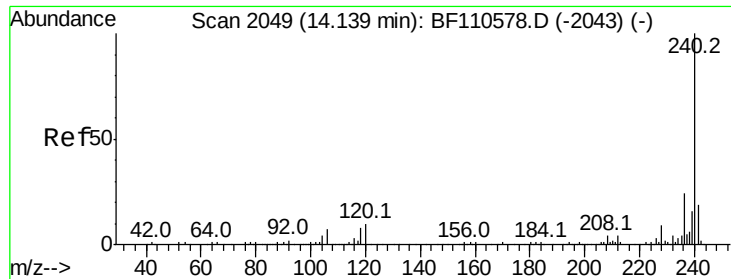
Delta R.T. -0.01 min

Lab File: BF110720.D

Acq: 13 Nov 2018 15:47

Tgt Ion:	202	Resp:	27169
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	18.8	0.0	37.7





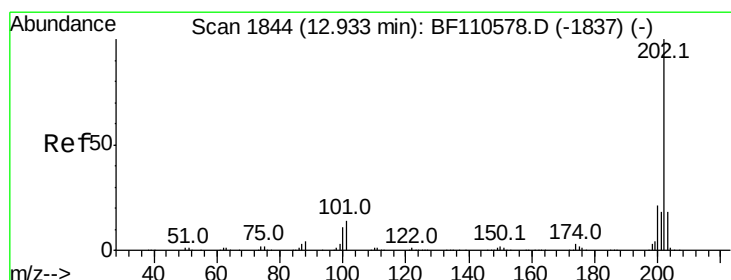
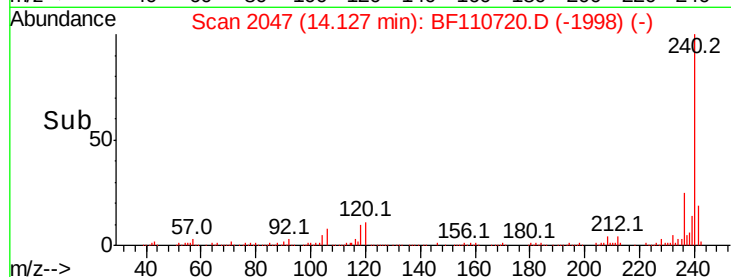
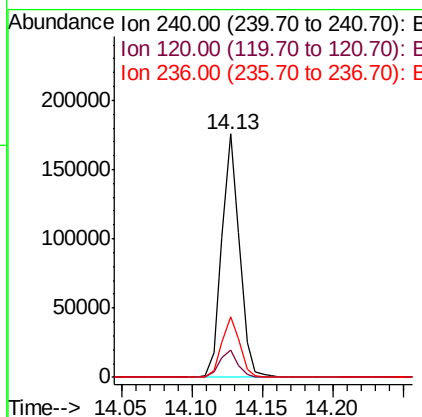
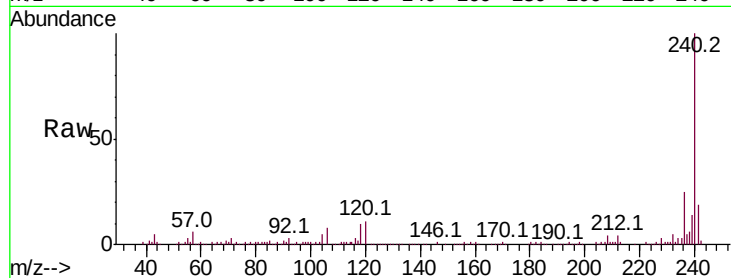
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Instrument :
BNA_F
ClientSampleId :
SR-2-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	8.3	12.5	
236	24.7	21.2	31.8	

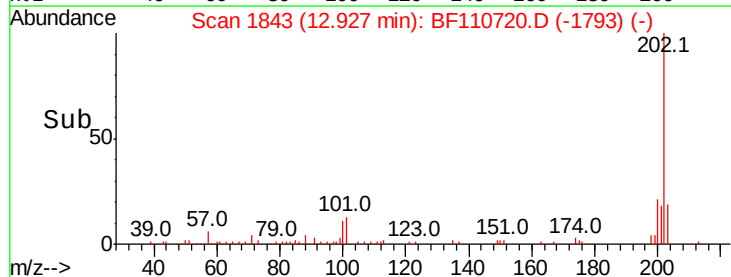
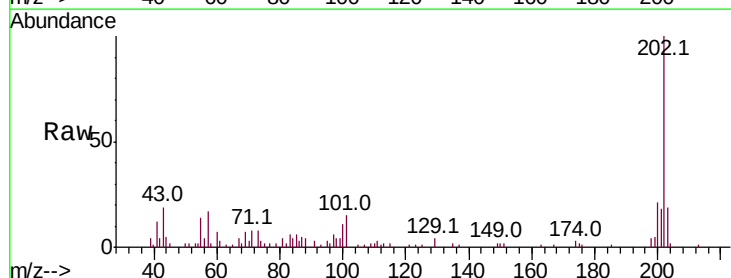
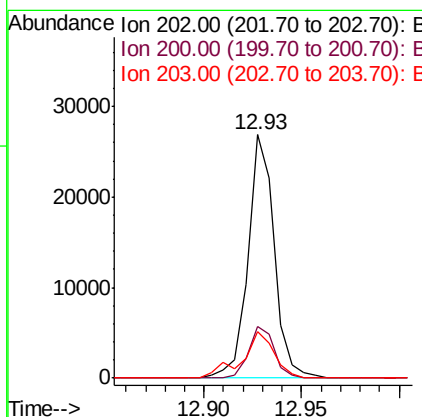
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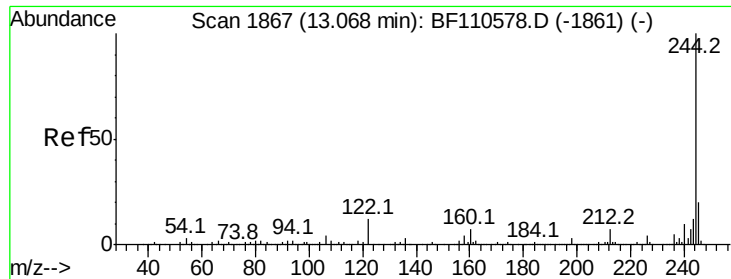
Sohil
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#78
Pyrene
Concen: 2.113 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110720.D
Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.8	26.6	
203	19.3	14.2	21.4	





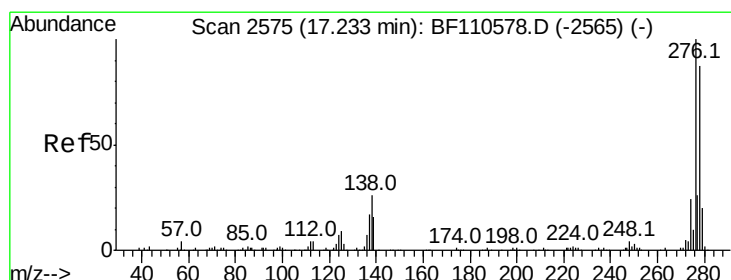
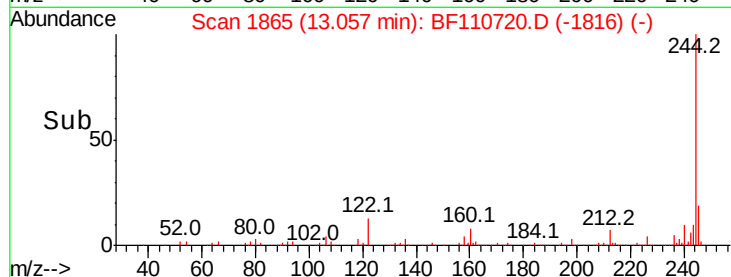
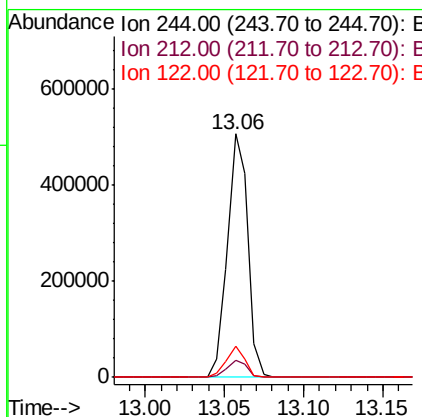
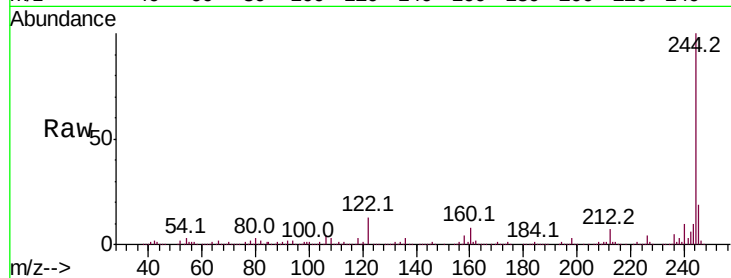
#79
 Terphenyl-d14
 Concen: 54.934 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110720.D
 Acq: 13 Nov 2018 15:47

Instrument :
 BNA_F
 ClientSampled :
 SR-2-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1

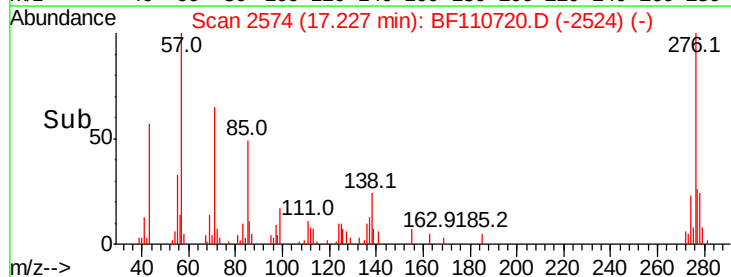
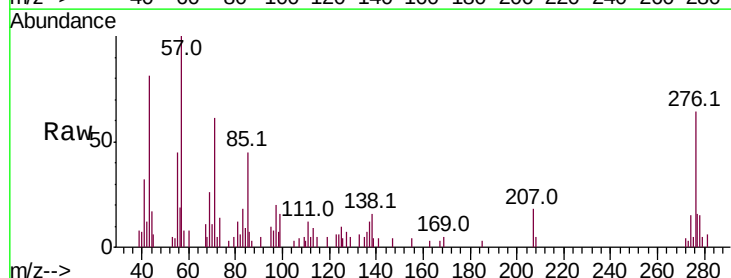
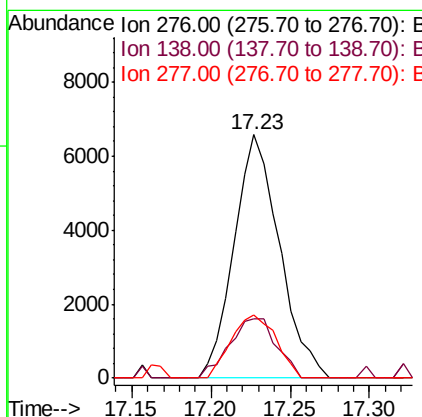
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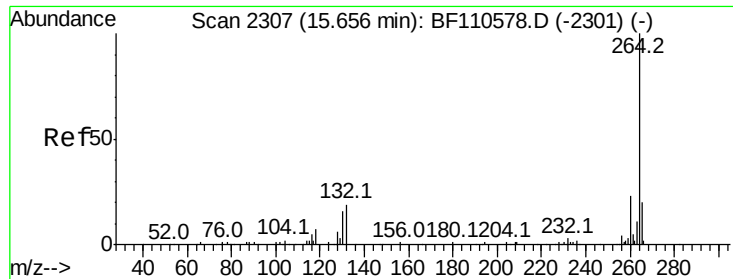
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.083 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BF110720.D
 Acq: 13 Nov 2018 15:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	25.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110720.D

Acq: 13 Nov 2018 15:47

Instrument :

BNA_F

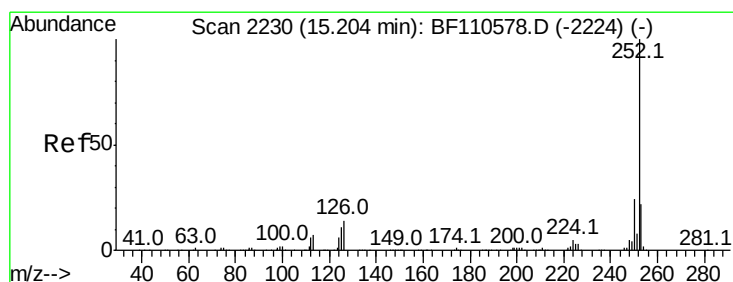
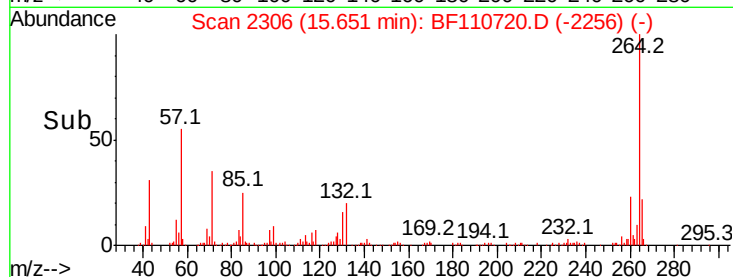
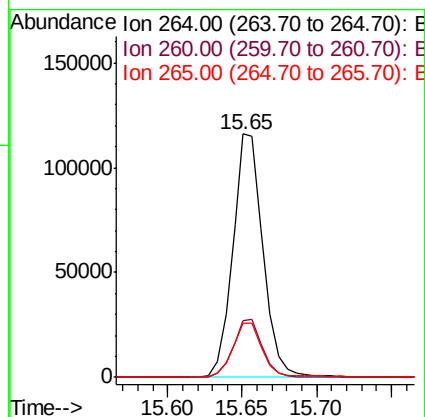
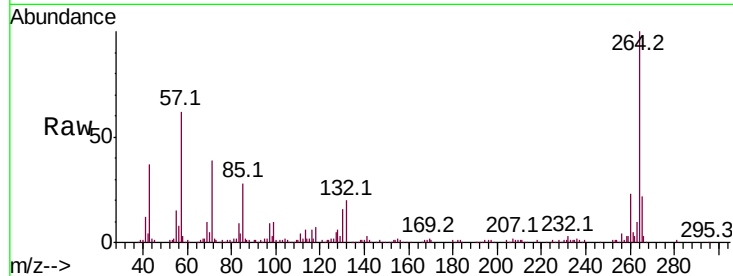
ClientSampleId :

SR-2-S

Tot Ion:	264	Resp:	163339
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	22.0	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.638 ng m

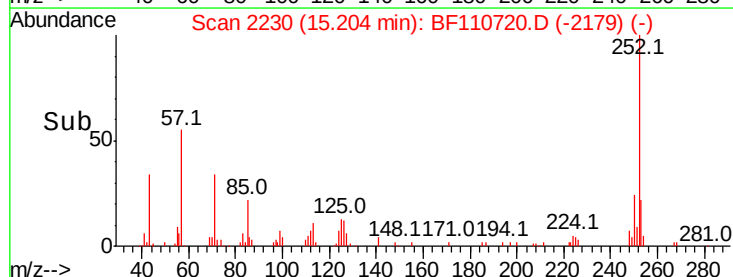
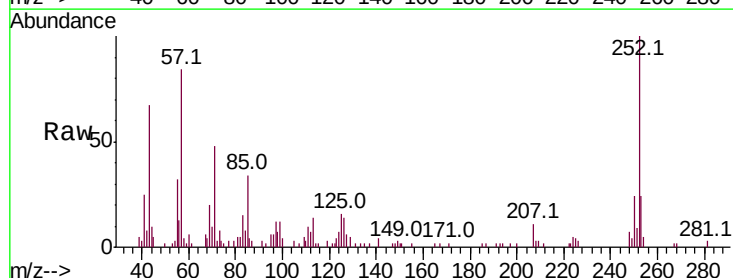
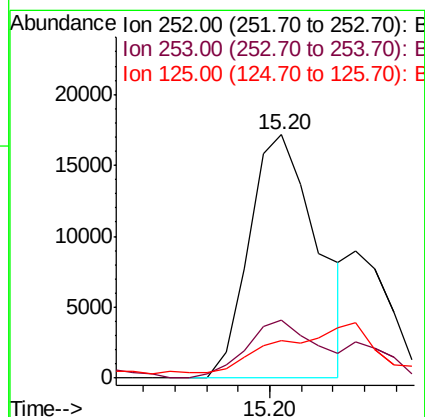
RT: 15.20 min Scan# 2230

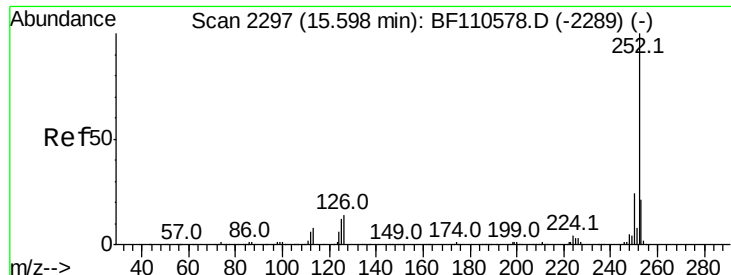
Delta R.T. 0.00 min

Lab File: BF110720.D

Acq: 13 Nov 2018 15:47

Tgt Ion:	252	Resp:	25780
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	15.6	8.2	12.4#





#90
 Benzo(a)pyrene
 Concen: 2.143 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BF110720.D
 Acq: 13 Nov 2018 15:47

Instrument :
 BNA_F
 ClientSampleId :
 SR-2-S

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.8	18.2	27.4
125	14.8	9.0	13.6

Manual Integrations
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