

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110641.D
 Acq On : 9 Nov 2018 21:36
 Operator : JU/SJ
 Sample : J5813-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-F

Manual Integrations
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Sohil
 11/12/2018 10:30:13 AM

Quant Time: Nov 11 03:49:56 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	85074	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	363706	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	173613	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	309582	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176575	20.00	ng	-0.01
87) Perylene-d12	15.66	264	162832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	466698	89.11	ng	0.00
7) Phenol-d6	6.57	99	611395	91.29	ng	0.00
23) Nitrobenzene-d5	7.51	82	385516	61.04	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	142653	81.55	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	707442	58.20	ng	0.00
79) Terphenyl-d14	13.06	244	539009	57.17	ng	0.00
Target Compounds						
10) Phenol	6.58	94	41578	5.354	ng	Qvalue # 64
50) Dimethylphthalate	9.69	163	104336	8.054	ng	99
71) Phenanthrene	11.50	178	43008	2.593	ng	97
75) Fluoranthene	12.70	202	81513	4.902	ng	98
78) Pyrene	12.93	202	62273	4.580	ng	97
83) Chrysene	14.16	228	25985	2.584	ng	98
88) Benzo(b)fluoranthene	15.20	252	34518m	3.544	ng	
90) Benzo(a)pyrene	15.59	252	19963	2.256	ng	# 95

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

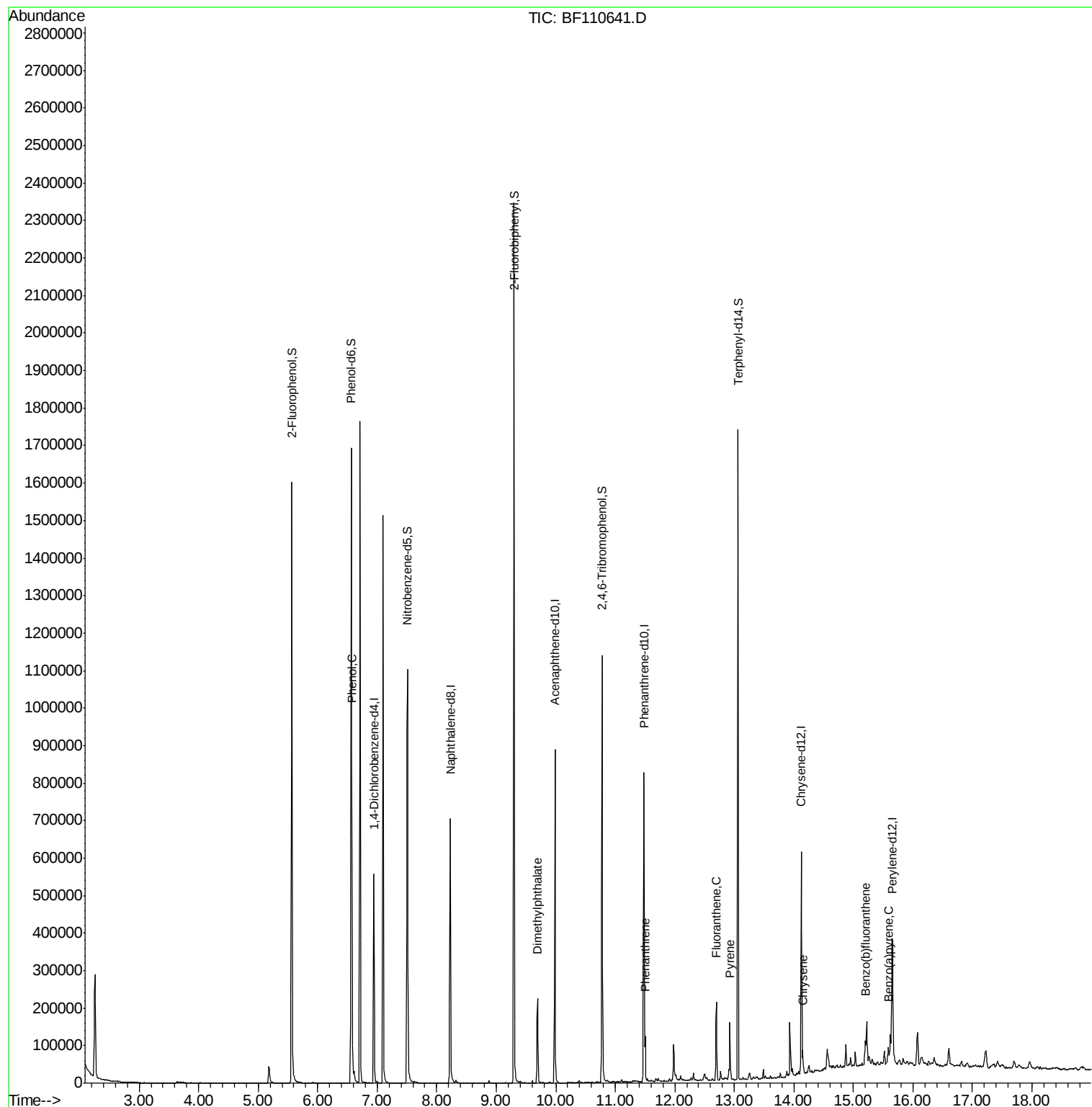
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110641.D
Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

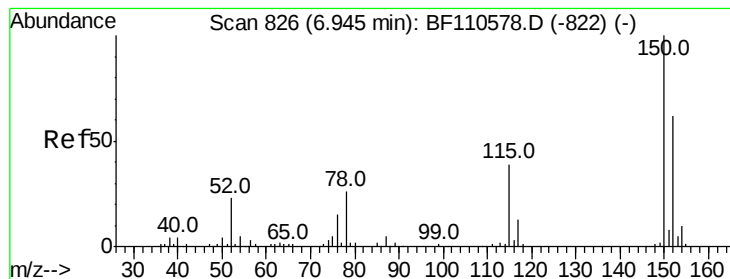
Instrument :
BNA_F
ClientSampleId :
TS-F

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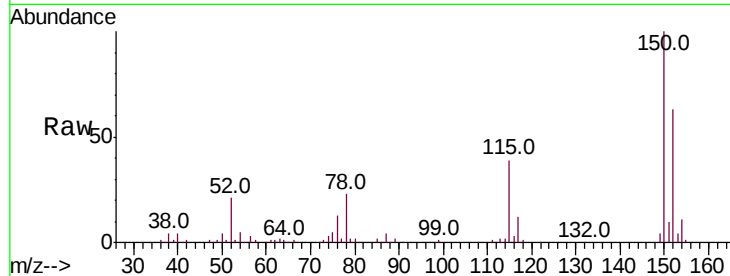
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110641.D
 Acq: 9 Nov 2018 21:36

Instrument :
 BNA_F
 ClientSampled :
 TS-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	61.9	49.1	73.7

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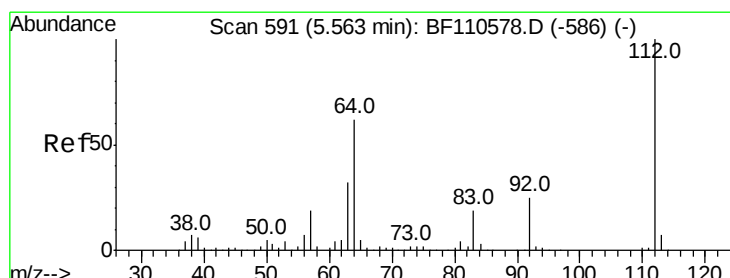
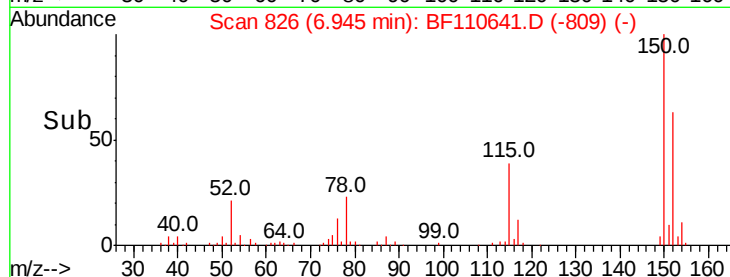
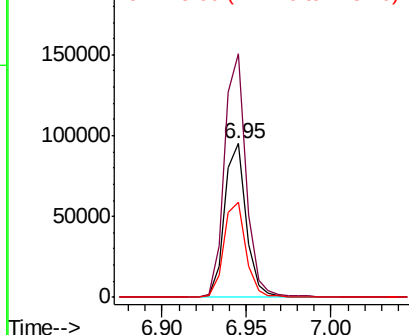


Abundance

Ion 152.00 (151.70 to 152.70): E

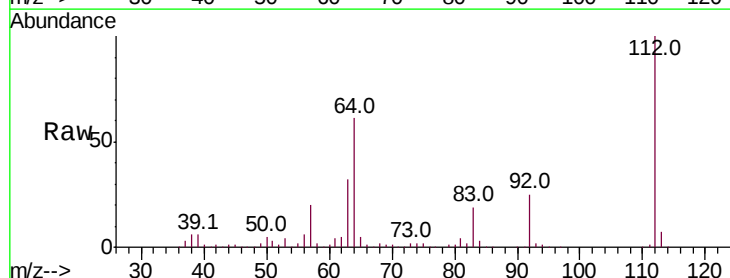
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 89.106 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110641.D
 Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	31.9	23.7	35.5

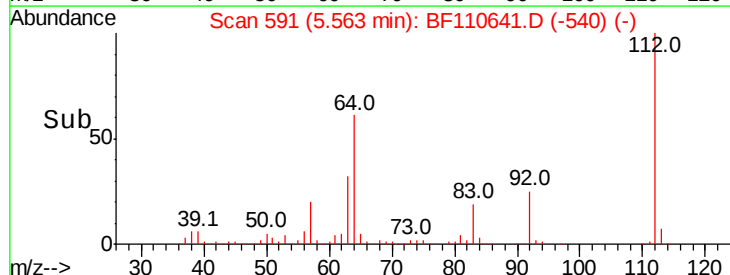
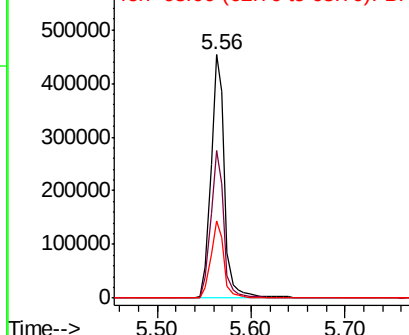


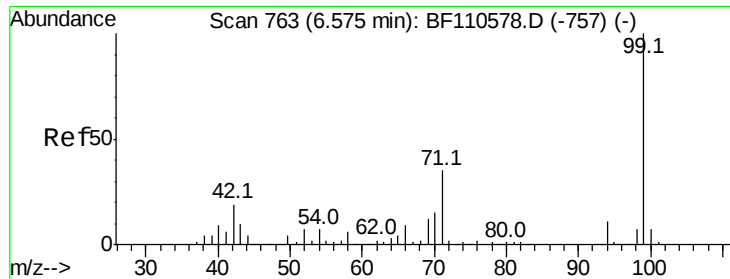
Abundance

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: 91.287 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110641.D

Acq: 9 Nov 2018 21:36

Instrument :

BNA_F

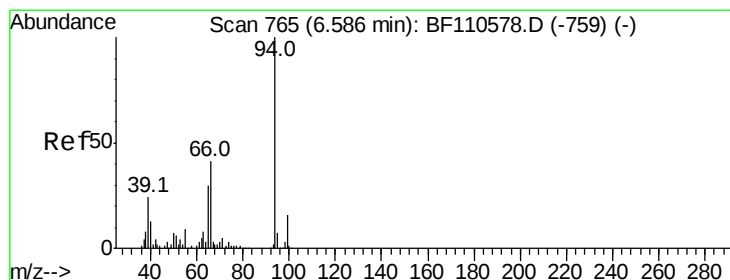
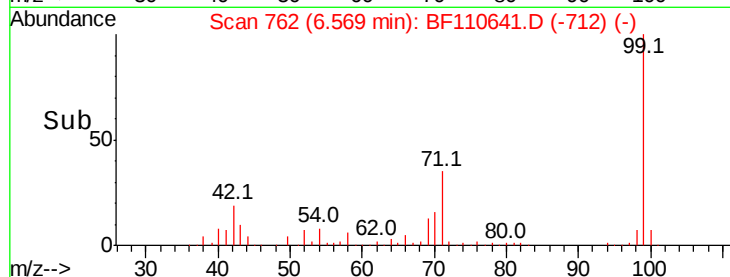
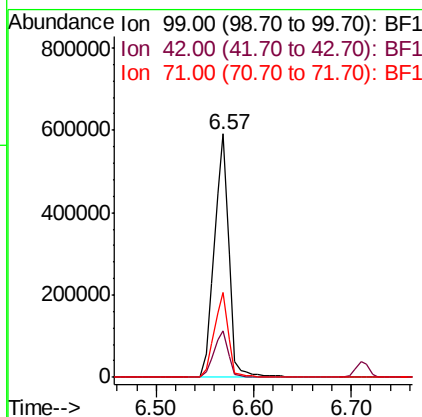
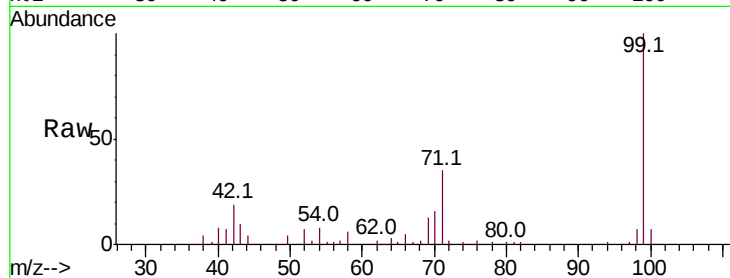
ClientSampled :

TS-F

Tot Ion:	99	Resp:	611395
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	34.9	28.0	42.0

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#10

Phenol

Concen: 5.354 ng

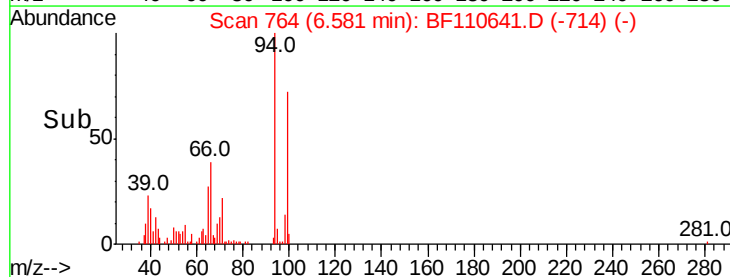
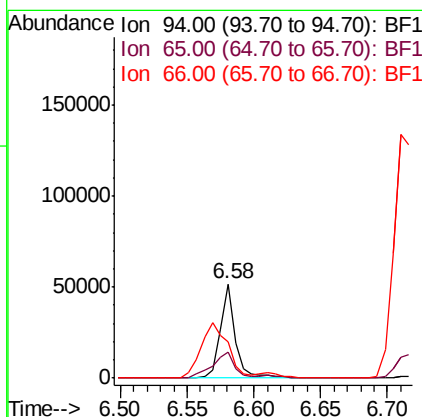
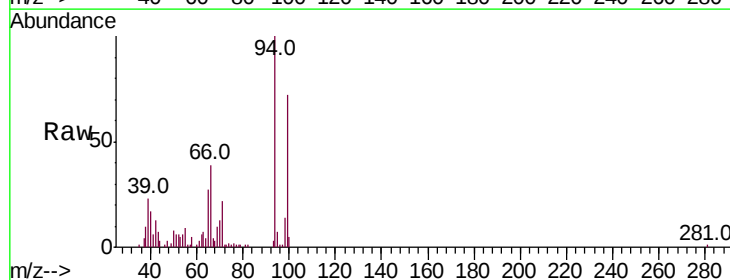
RT: 6.58 min Scan# 764

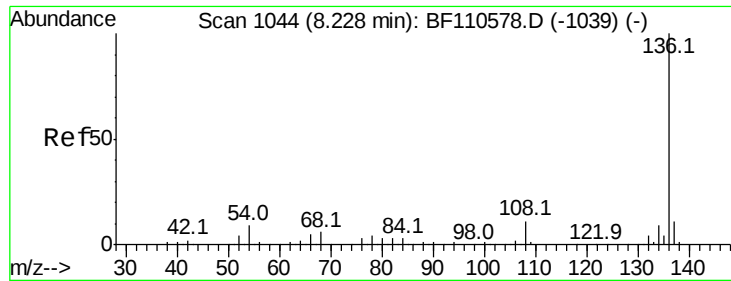
Delta R.T. -0.01 min

Lab File: BF110641.D

Acq: 9 Nov 2018 21:36

Tgt Ion:	94	Resp:	41578
Ion Ratio	Lower	Upper	
94	100		
65	27.1	25.3	65.3
66	39.2	54.5	94.5#





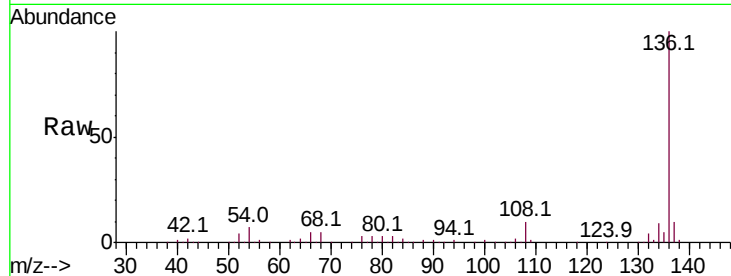
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
ClientSampleId :
TS-F

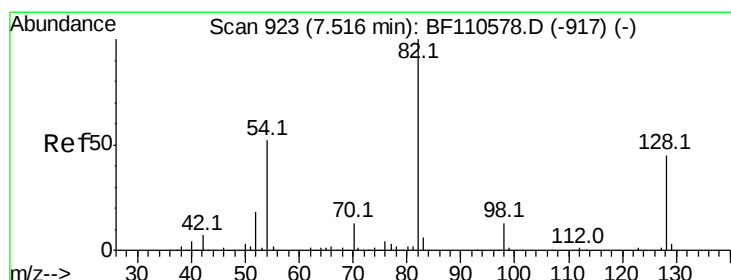
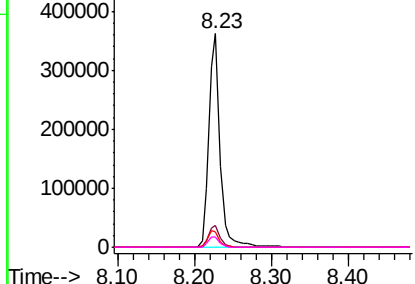
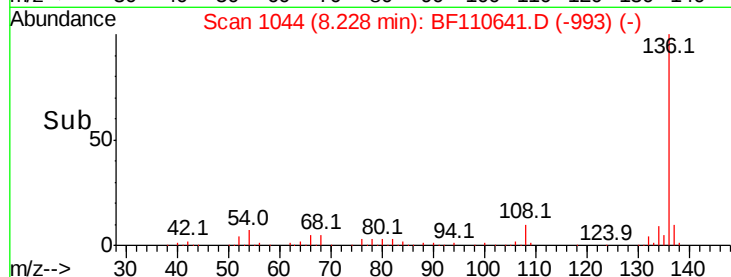
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.8	13.2	
54	7.5	5.4	8.2	
68	4.7	4.2	6.2	

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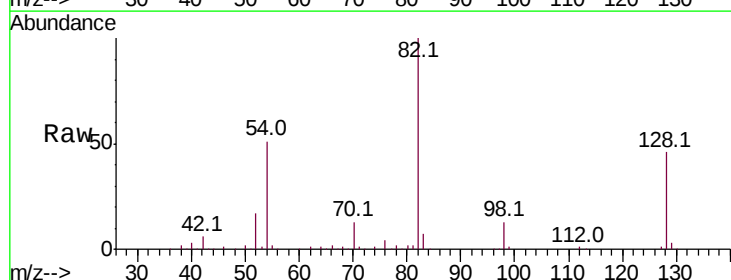


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

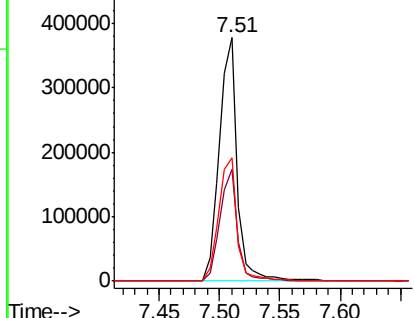
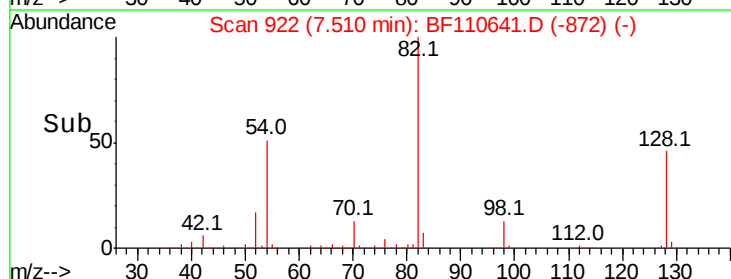


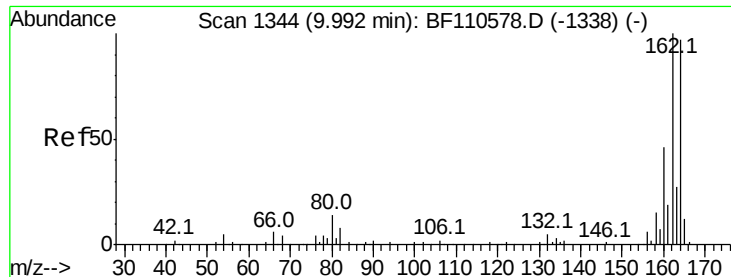
#23
Nitrobenzene-d5
Concen: 61.043 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.2	51.2	
54	50.7	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





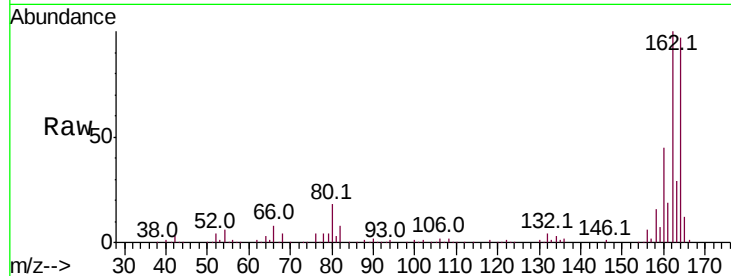
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
ClientSampled :
TS-F

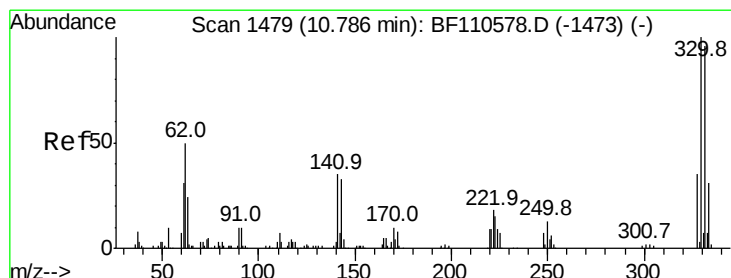
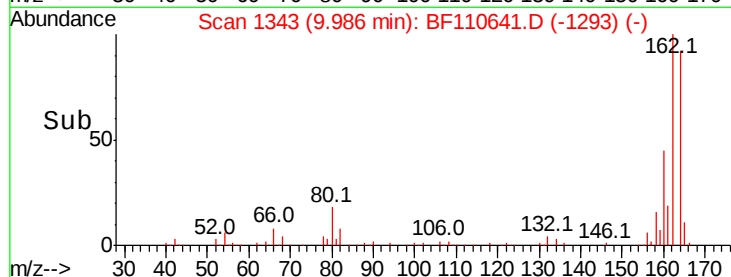
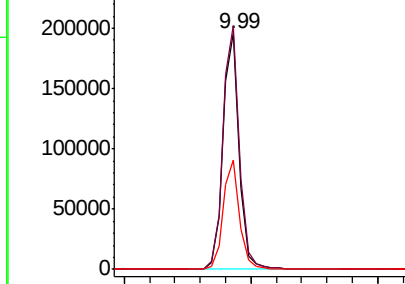
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	46.2	37.0	55.6

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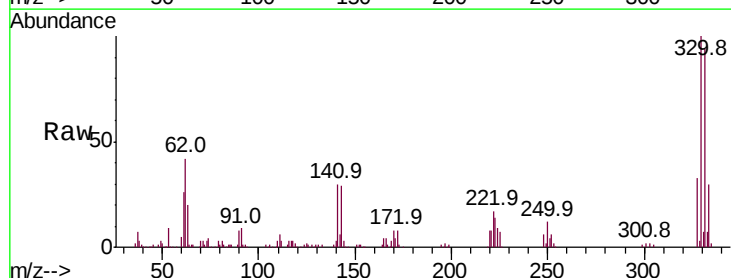


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

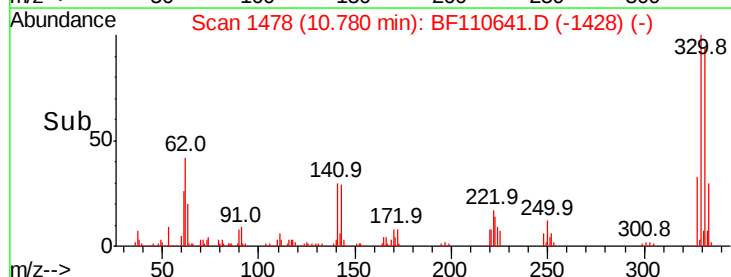
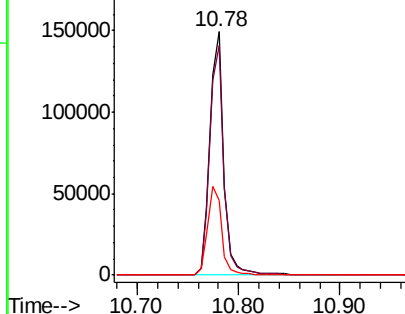


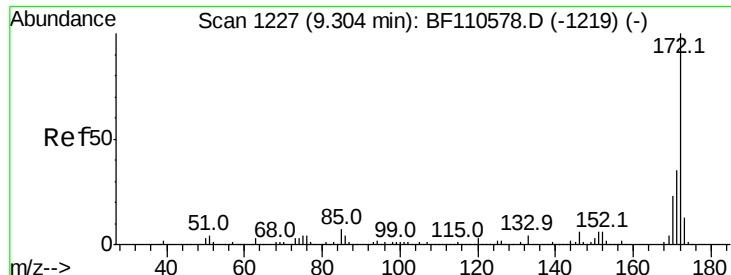
#42
2,4,6-Tribromophenol
Concen: 81.545 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	37.0	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





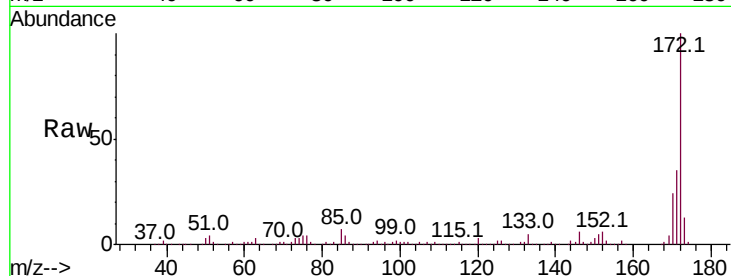
#45
2-Fluorobiphenyl
Concen: 58.196 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	707442		
171	35.3		28.6	43.0
170	23.8		19.7	29.5

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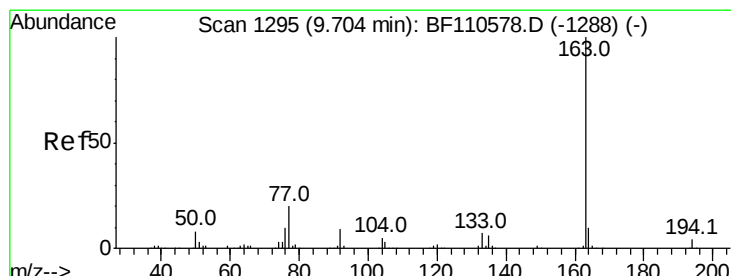
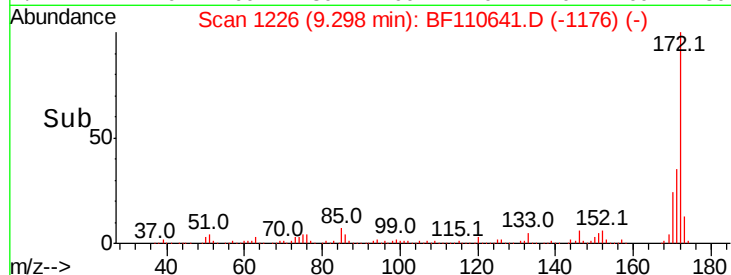
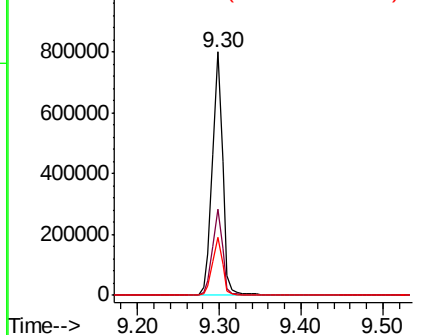


Abundance

Ion 172.00 (171.70 to 172.70): E

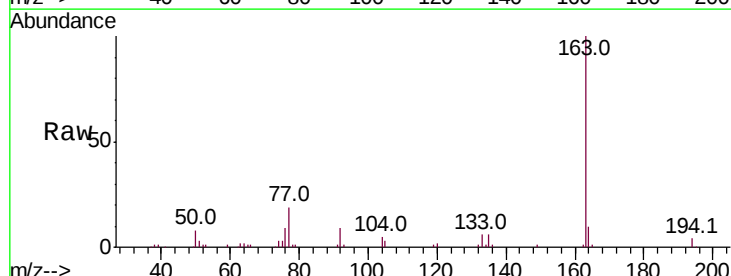
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.054 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	104336		
194	3.8		3.2	4.8
164	9.8		8.1	12.1

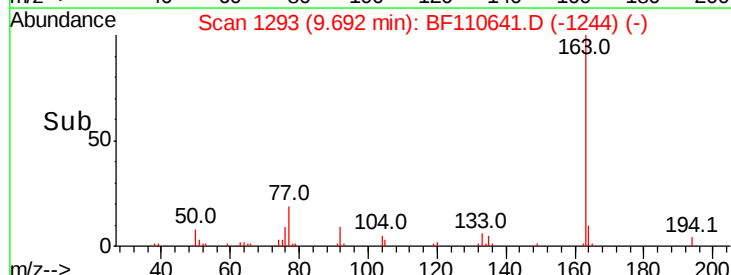
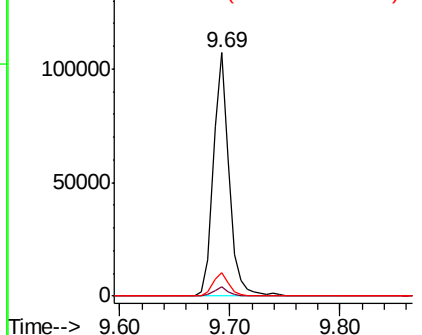


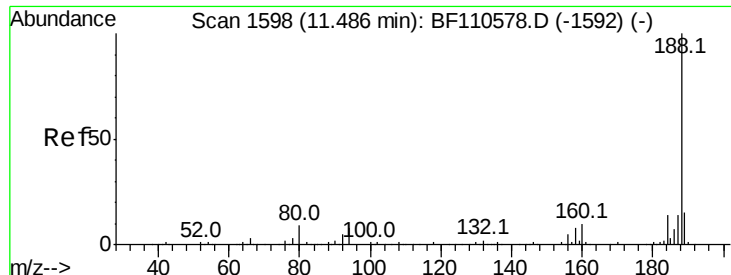
Abundance

Ion 163.00 (162.70 to 163.70): E

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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110641.D

Acq: 9 Nov 2018 21:36

Instrument :

BNA_F

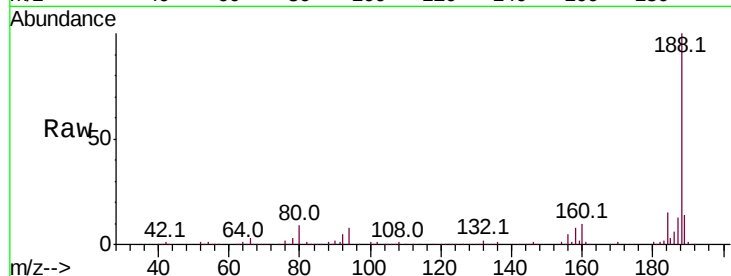
ClientSampled :

TS-F

Tot Ion:	188	Resp:	309582
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.2	10.8
80	8.7	7.9	11.9

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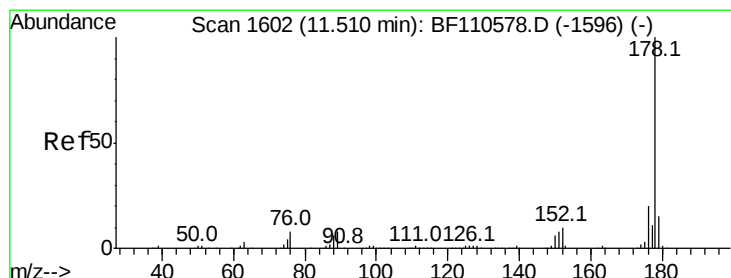
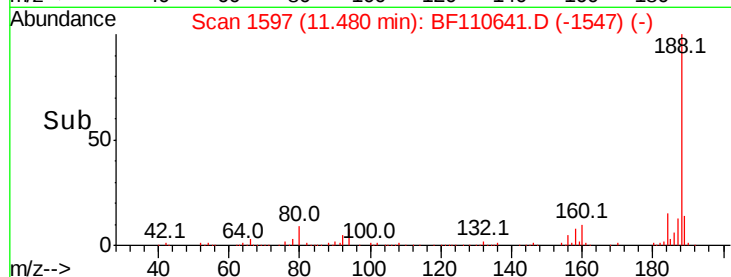
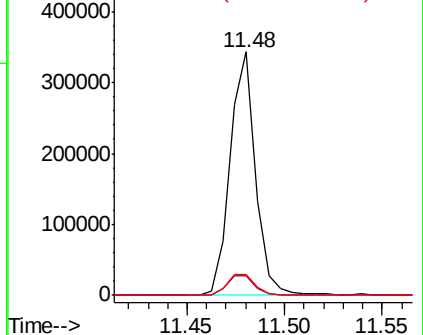
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.593 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110641.D

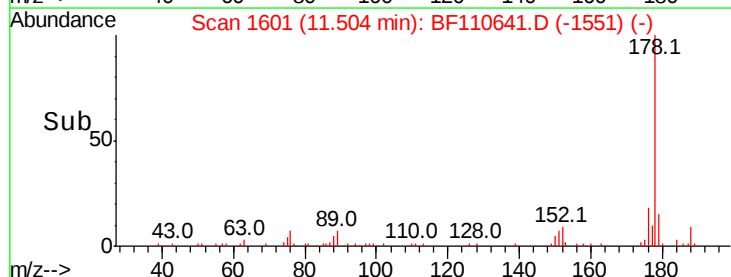
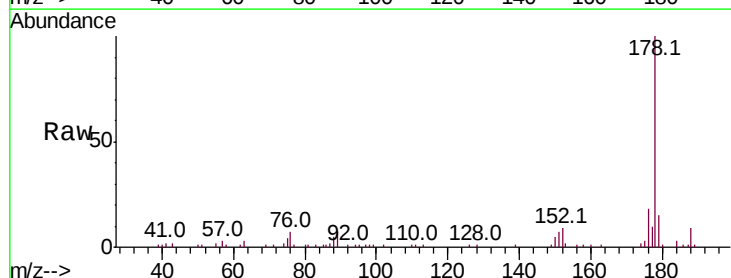
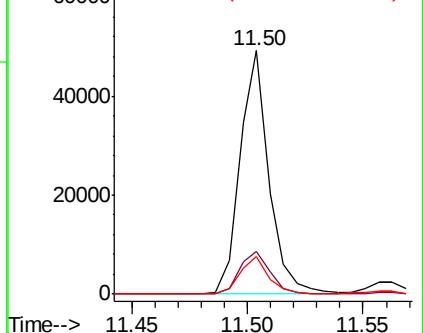
Acq: 9 Nov 2018 21:36

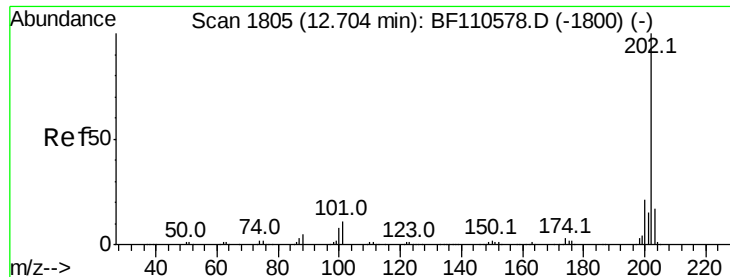
Tgt Ion:	178	Resp:	43008
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.5	23.3
179	15.2	12.5	18.7

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: 4.902 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110641.D

Acq: 9 Nov 2018 21:36

Instrument :

BNA_F

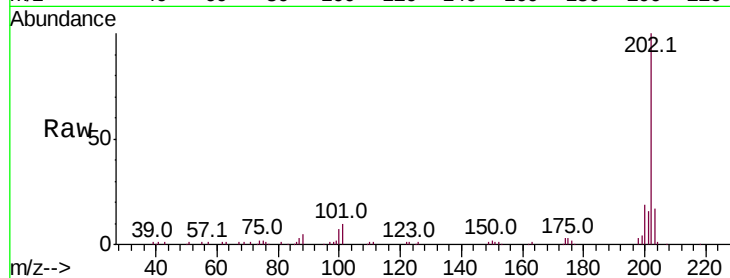
ClientSampleId :

TS-F

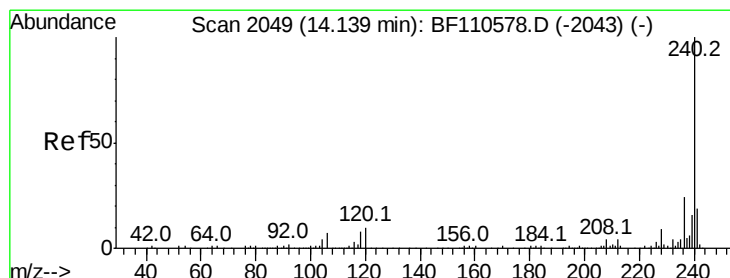
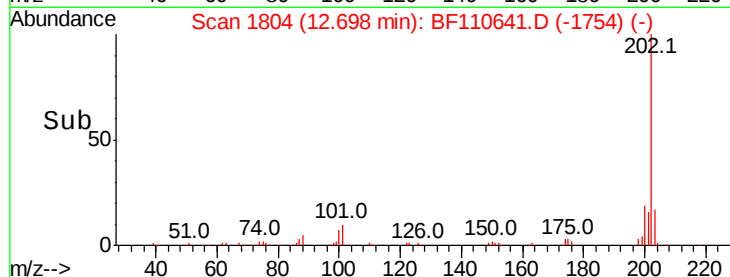
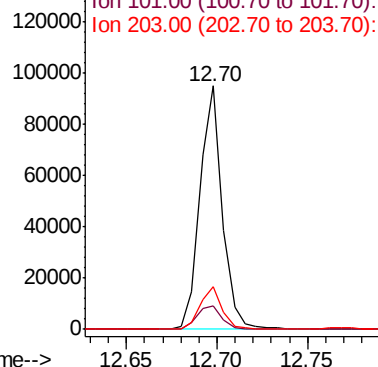
Tot Ion:	202	Resp:	81513
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.4
203	17.5	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

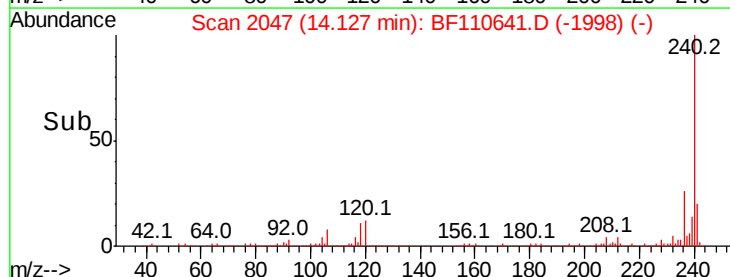
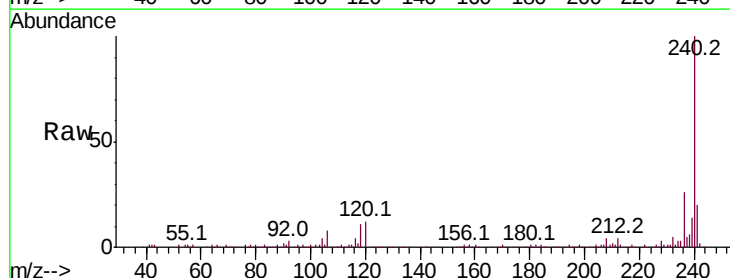
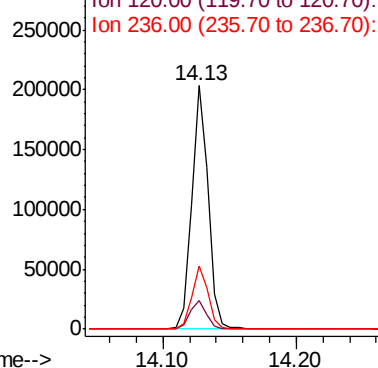
Delta R.T. -0.01 min

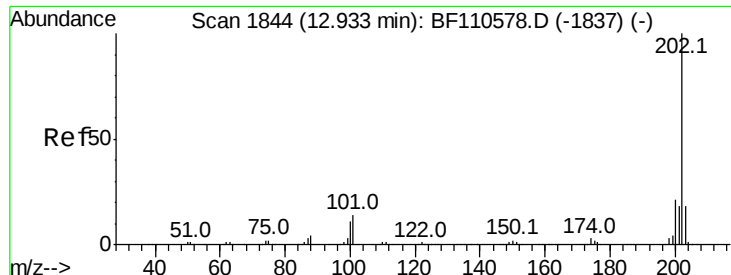
Lab File: BF110641.D

Acq: 9 Nov 2018 21:36

Tgt Ion:	240	Resp:	176575
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.3	12.5
236	26.1	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





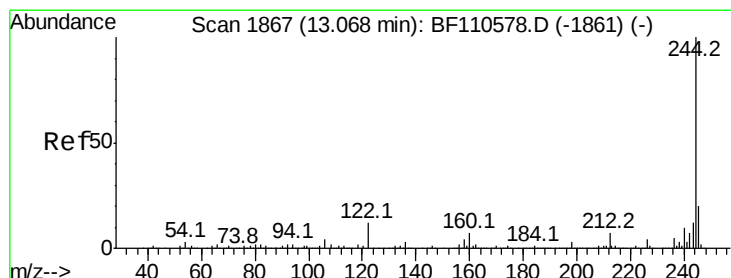
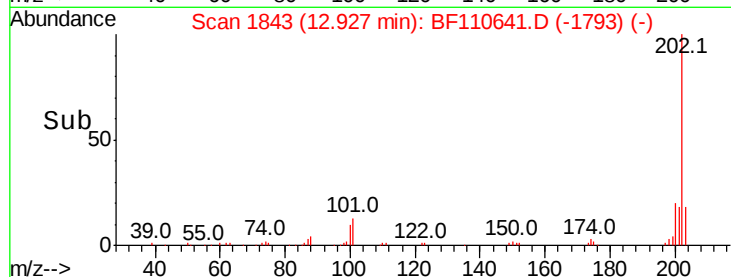
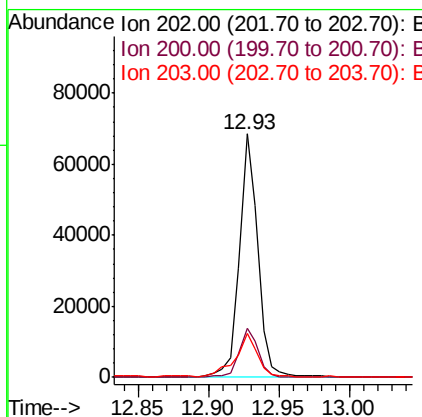
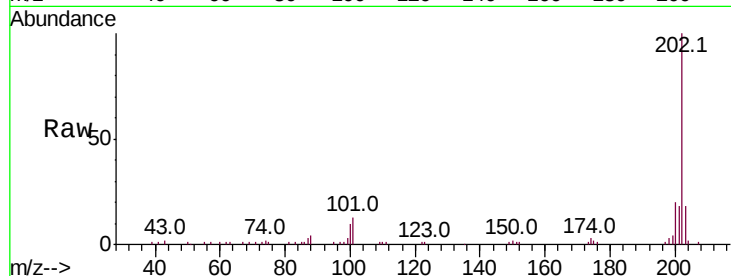
#78
Pvrene
Concen: 4.580 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.8	26.6
203	18.3	14.2	21.4

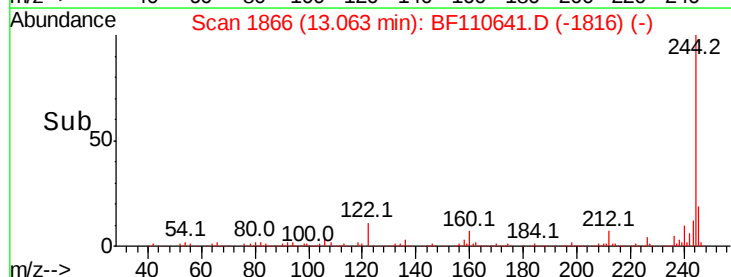
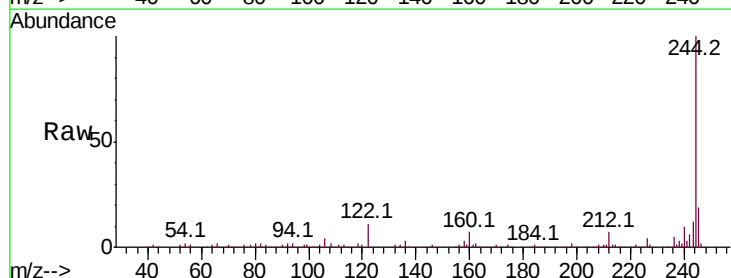
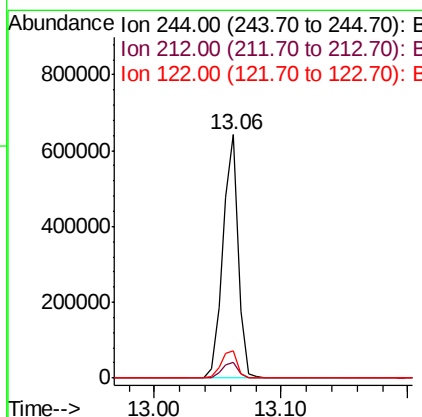
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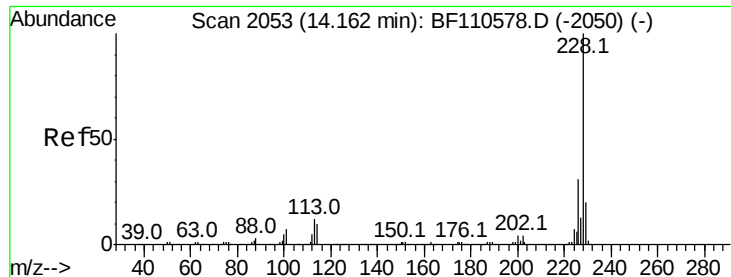
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#79
Terphenyl-d14
Concen: 57.168 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.0	8.7	13.1





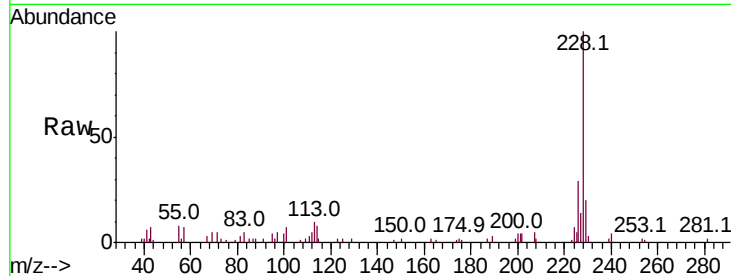
#83
Chrysene
Concen: 2.584 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
ClientSampled :
TS-F

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	20.0	15.9	23.9

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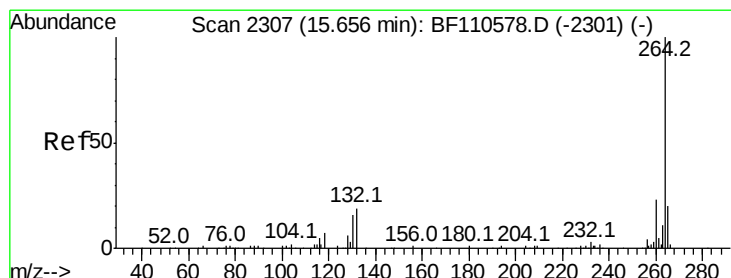
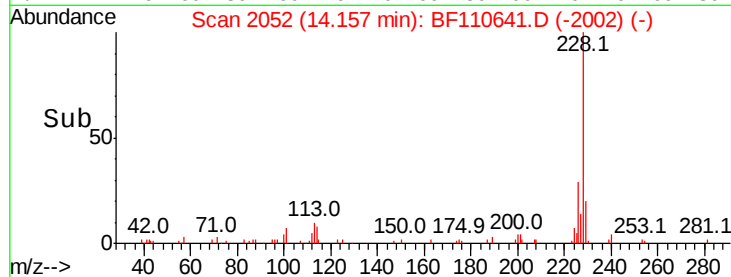
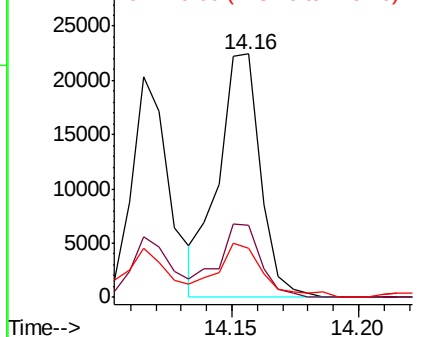


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

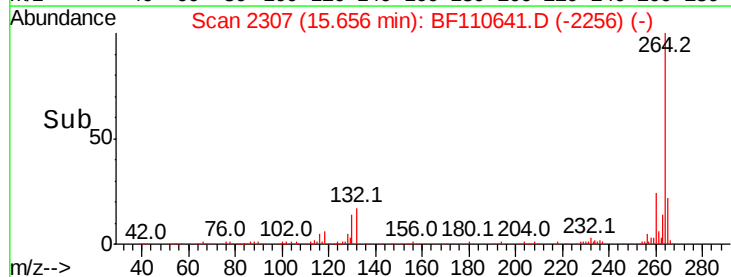
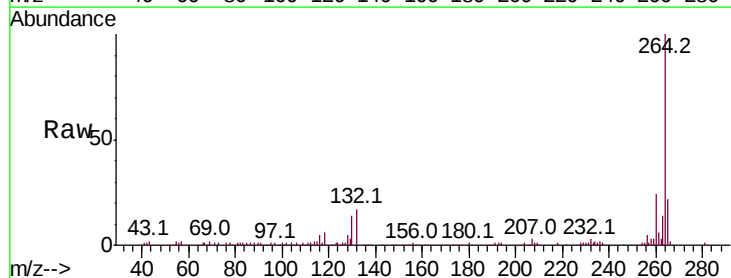
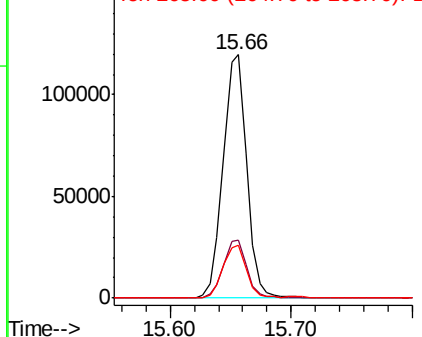
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	16.7	25.1

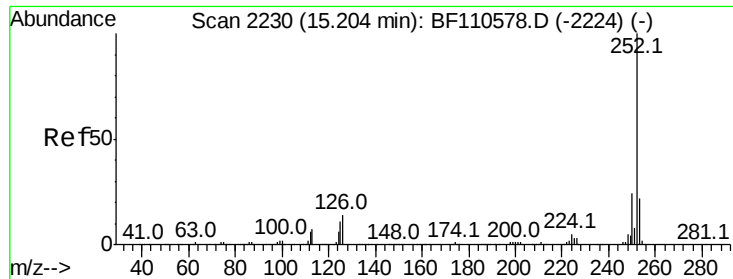
Abundance

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





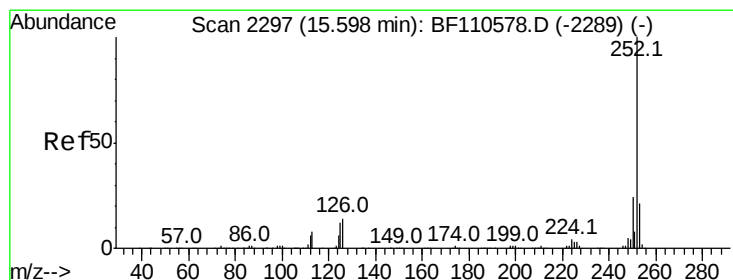
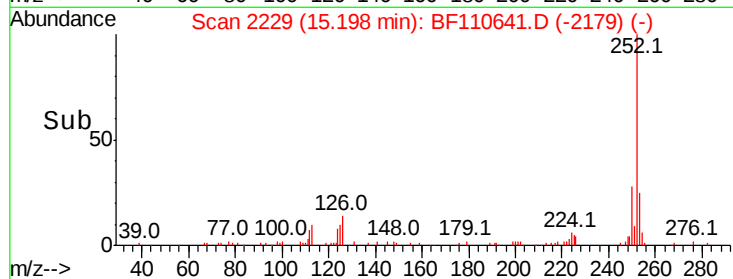
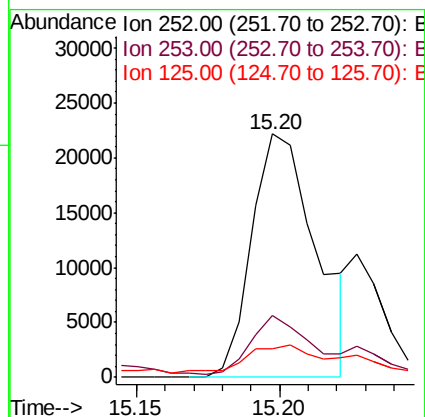
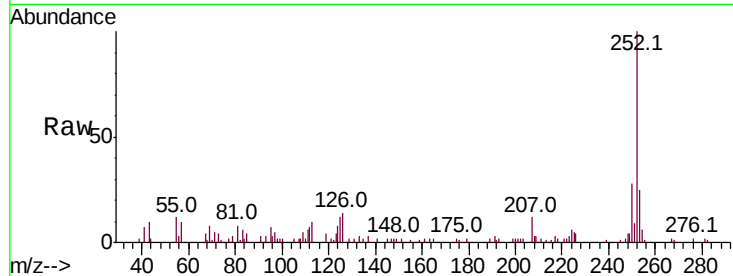
#88
Benzo(b)fluoranthene
Concen: 3.544 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Instrument :
BNA_F
ClientSampled :
TS-F

Tot Ion:	252	Resp:	34518
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.2	25.8
125	11.9	8.2	12.4

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#90
Benzo(a)pyrene
Concen: 2.256 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110641.D
Acq: 9 Nov 2018 21:36

Tgt Ion:	252	Resp:	19963
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.2	27.4
125	15.0	9.0	13.6#

