

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110642.D
 Acq On : 9 Nov 2018 22:03
 Operator : JU/SJ
 Sample : J5813-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-G

Manual Integrations
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Sohil
 11/12/2018 10:30:16 AM

Quant Time: Nov 11 03:52:11 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	84219	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	348012	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	153351	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	238809	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163216	20.00	ng	-0.01
87) Perylene-d12	15.66	264	129982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	476221	91.85	ng	0.00
7) Phenol-d6	6.57	99	627034	94.57	ng	0.00
23) Nitrobenzene-d5	7.51	82	397354	65.75	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119400	77.27	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	672300	62.61	ng	0.00
79) Terphenyl-d14	13.06	244	436884	50.13	ng	0.00
Target Compounds						
10) Phenol	6.58	94	42200	5.489	ng	Qvalue # 66
50) Dimethylphthalate	9.69	163	105024	9.178	ng	99
71) Phenanthrene	11.50	178	28167	2.202	ng	99
75) Fluoranthene	12.70	202	59589	4.646	ng	96
78) Pyrene	12.93	202	50192	3.994	ng	98
83) Chrysene	14.16	228	23910	2.573	ng	# 95
88) Benzo(b)fluoranthene	15.20	252	30198m	3.884	ng	
90) Benzo(a)pyrene	15.59	252	16740	2.369	ng	# 89

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

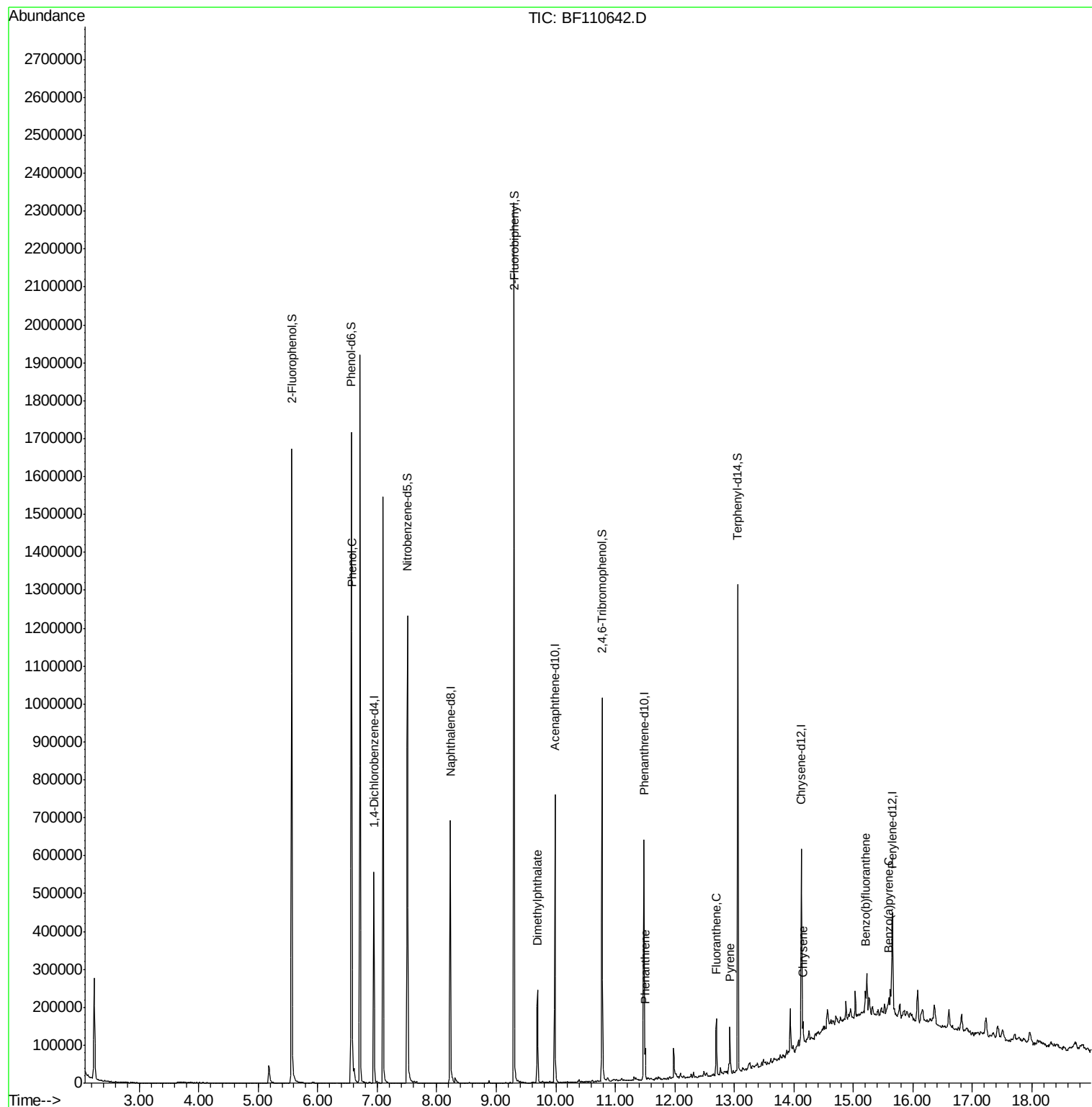
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110642.D
Acq On : 9 Nov 2018 22:03
Operator : JU/SJ
Sample : J5813-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

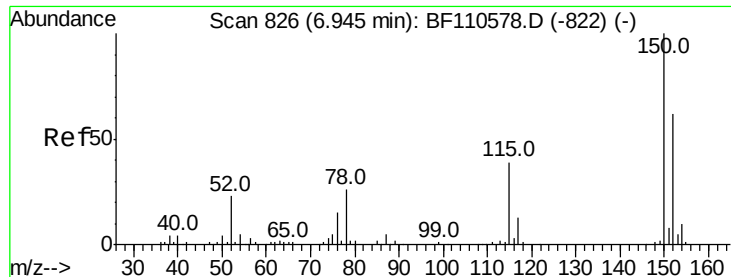
Instrument :
BNA_F
ClientSampleId :
TS-G

Quant Time: Nov 11 03:52:11 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

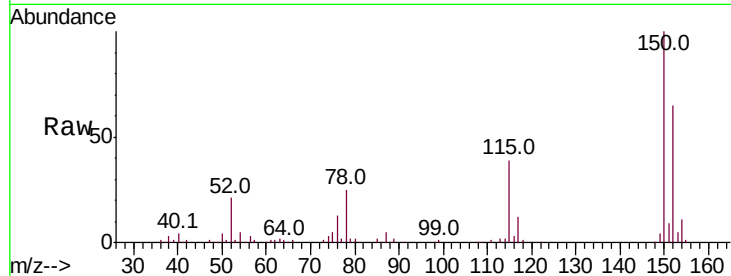
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	60.3	49.1	73.7

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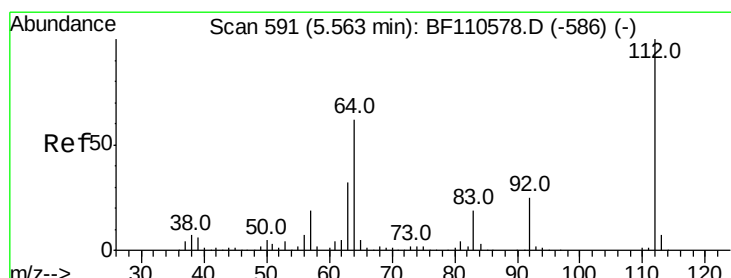
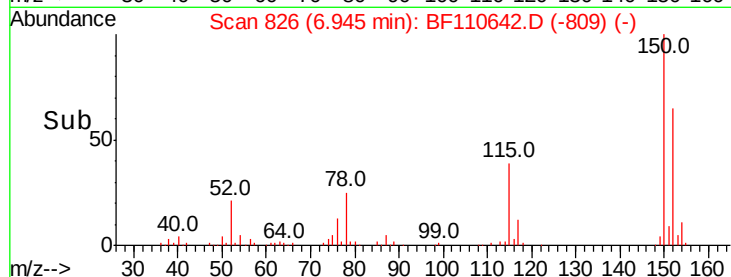
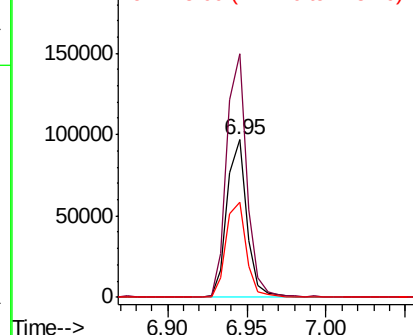


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

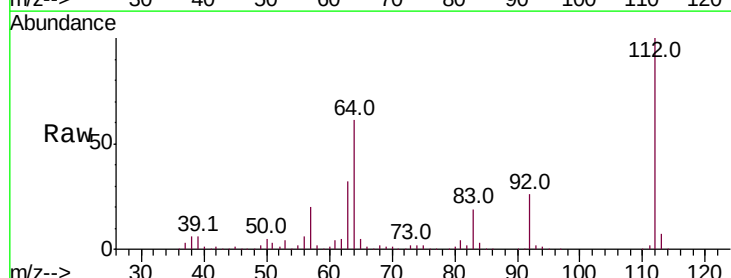
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.848 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.1	23.7	35.5

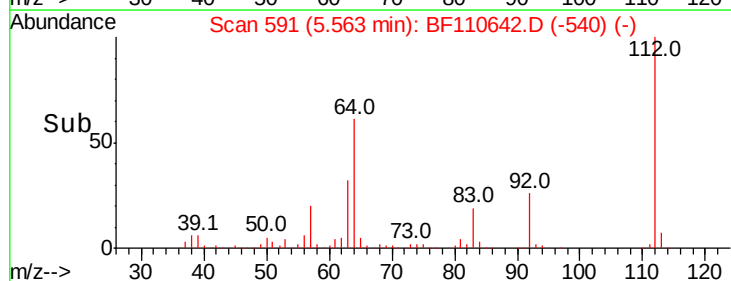
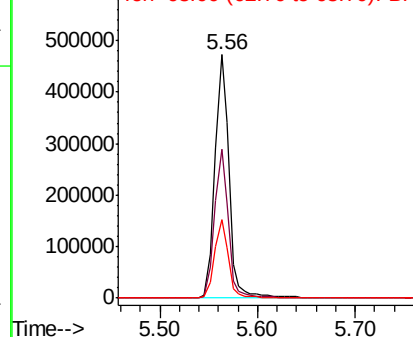


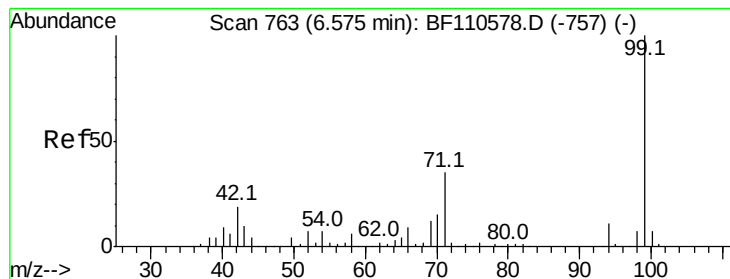
Abundance

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: 94.572 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110642.D

Acq: 9 Nov 2018 22:03

Instrument :

BNA_F

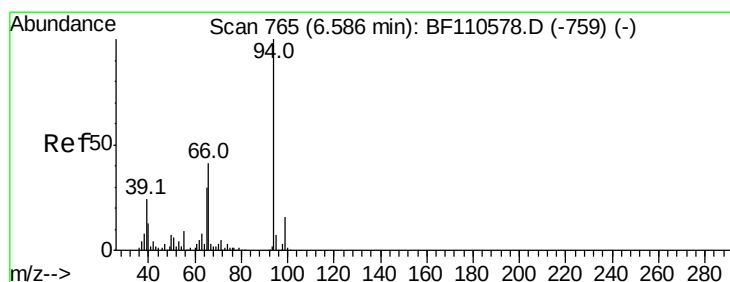
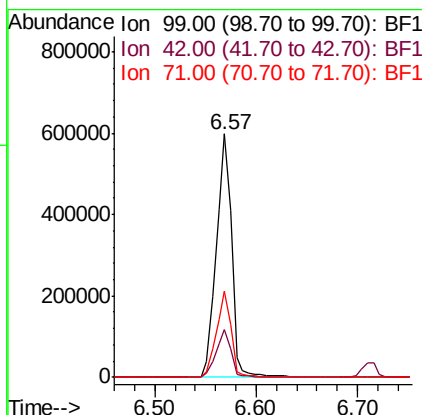
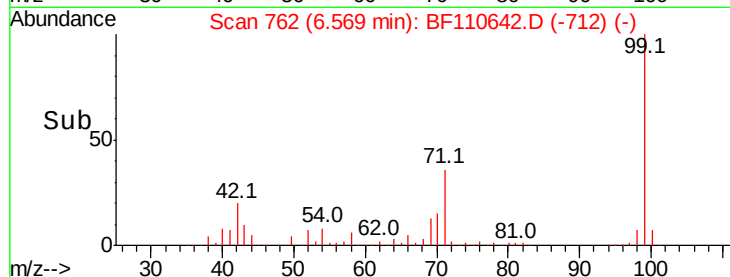
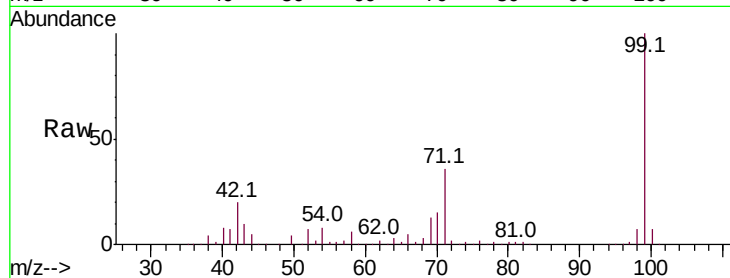
ClientSampled :

TS-G

Tot Ion:	99	Resp:	627034
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.5	28.0	42.0

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#10

Phenol

Concen: 5.489 ng

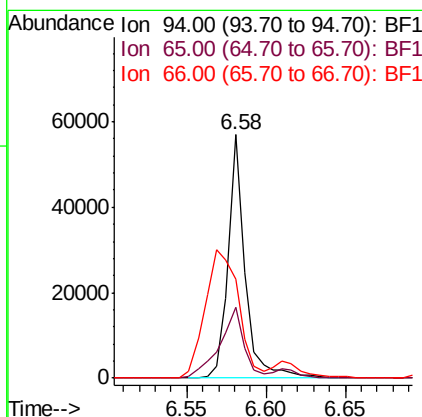
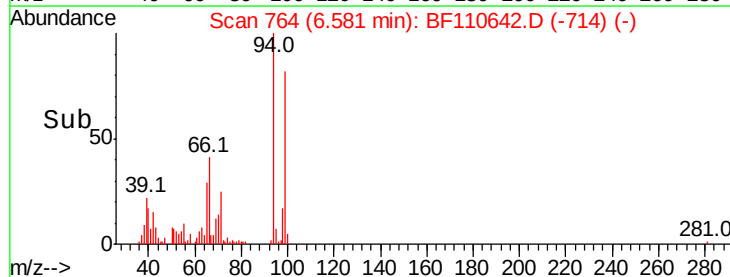
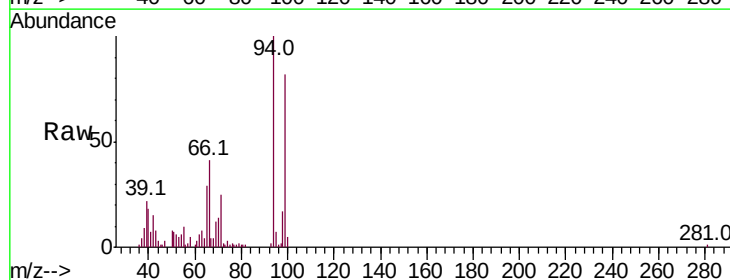
RT: 6.58 min Scan# 764

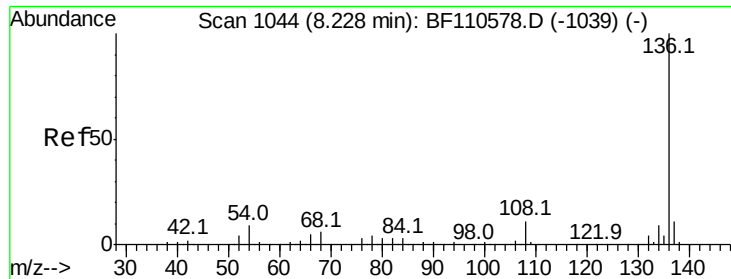
Delta R.T. -0.01 min

Lab File: BF110642.D

Acq: 9 Nov 2018 22:03

Tgt Ion:	94	Resp:	42200
Ion Ratio	Lower	Upper	
94	100		
65	29.1	25.3	65.3
66	40.6	54.5	94.5#





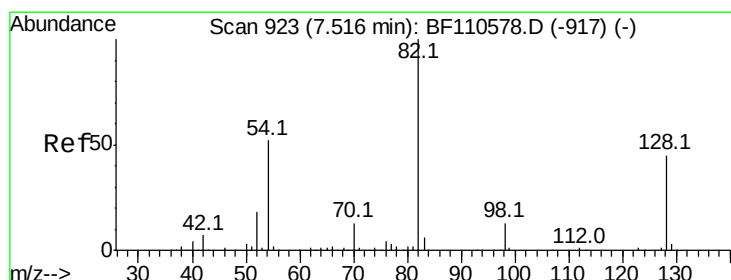
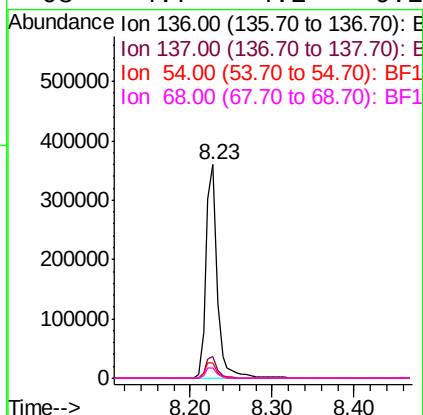
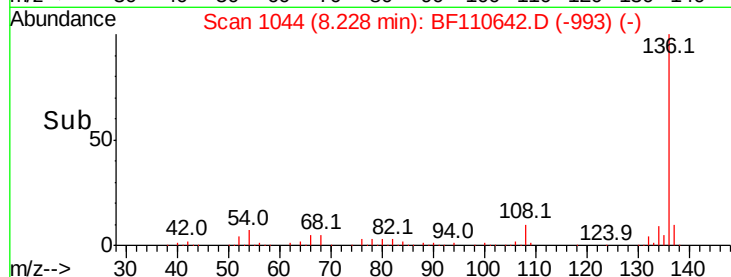
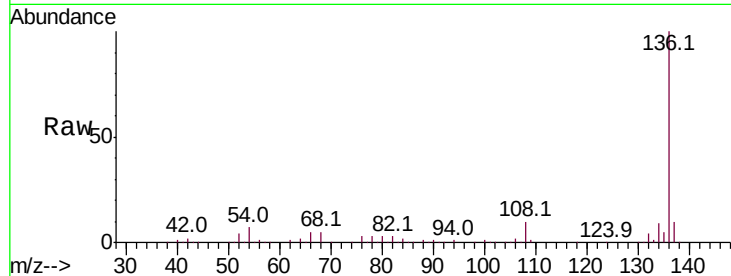
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	7.2	5.4	8.2	
68	4.7	4.2	6.2	

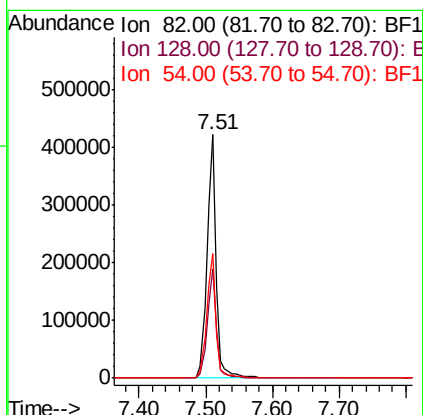
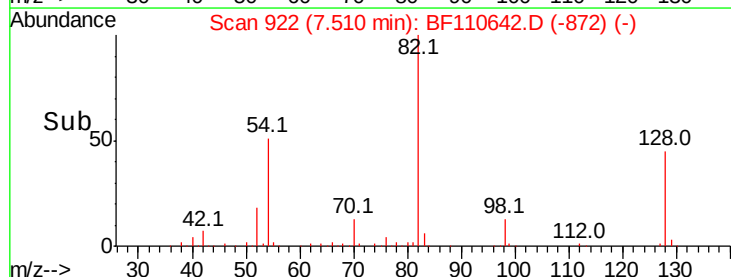
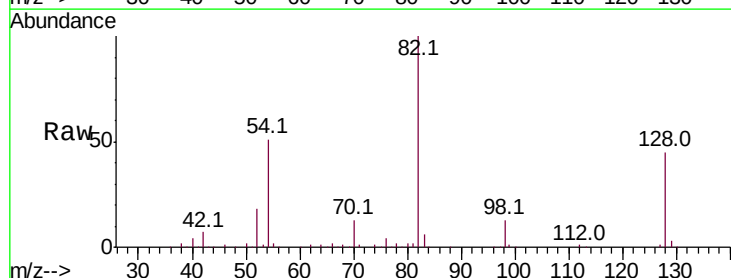
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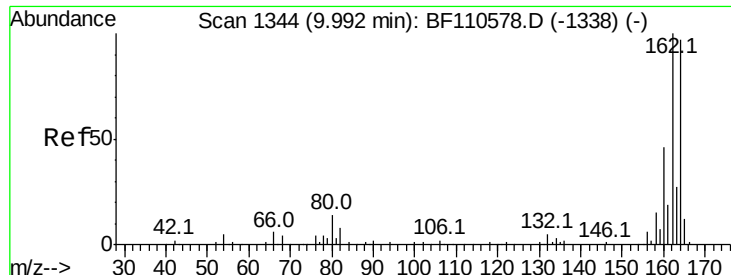
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#23
Nitrobenzene-d5
Concen: 65.755 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.2	51.2	
54	51.3	38.6	58.0	





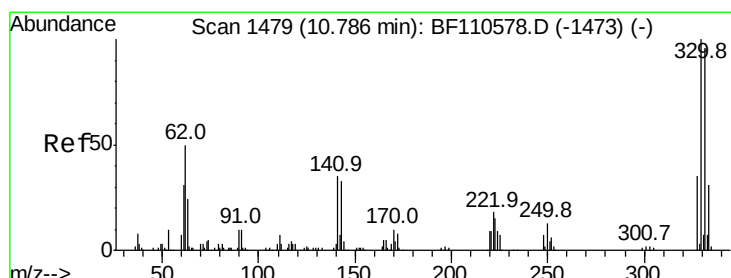
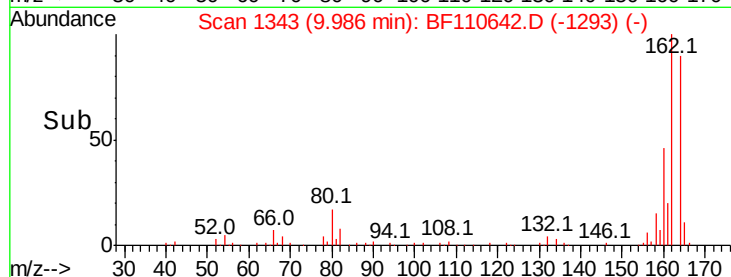
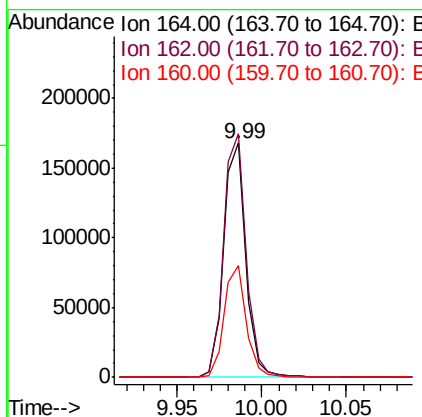
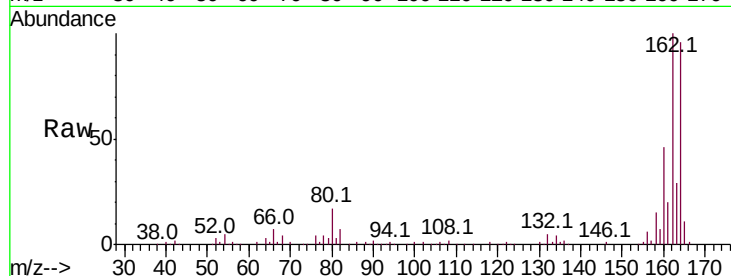
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	47.4	37.0	55.6

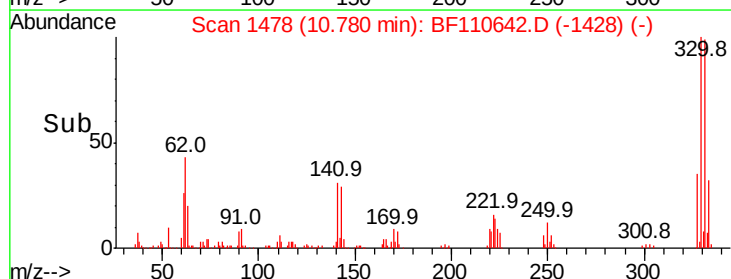
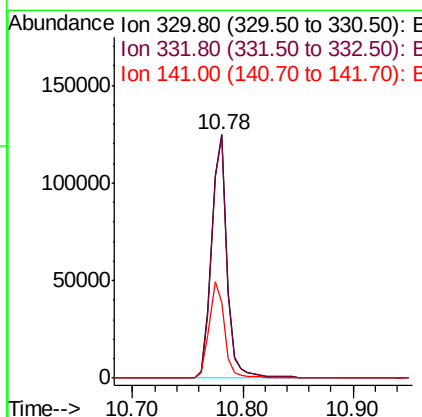
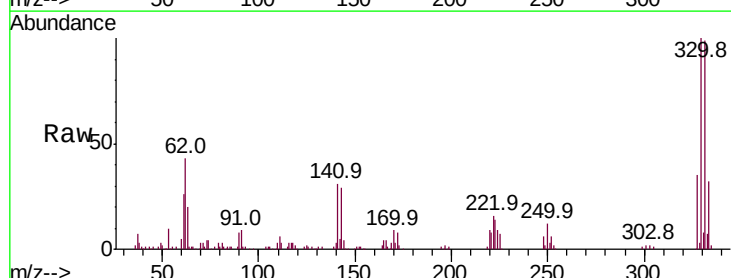
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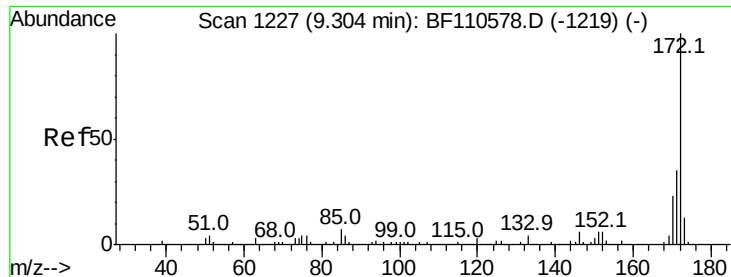
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#42
2,4,6-Tribromophenol
Concen: 77.271 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	38.6	27.0	40.4





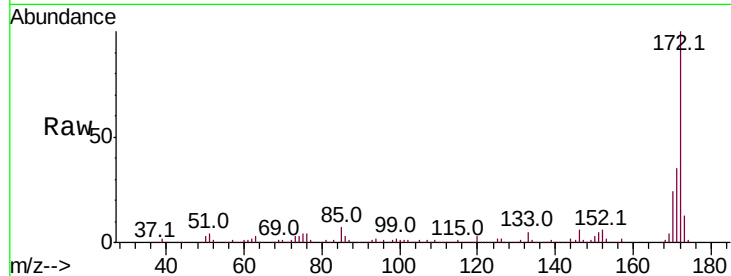
#45
2-Fluorobiphenyl
Concen: 62.612 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.7	19.7	29.5

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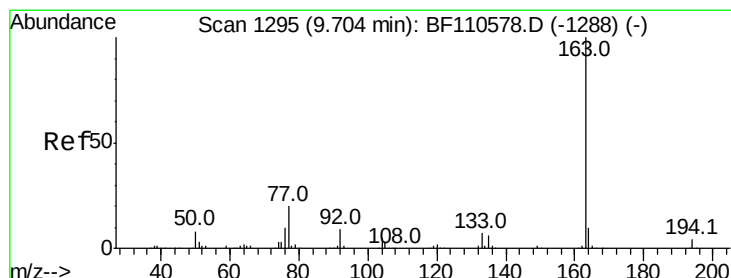
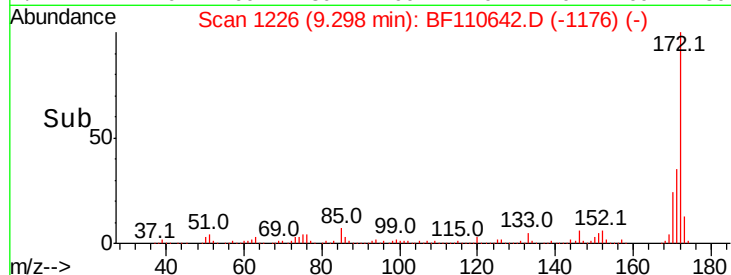
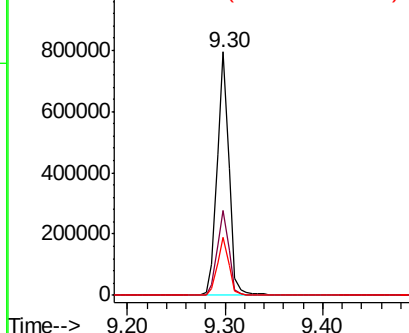


Abundance

Ion 172.00 (171.70 to 172.70): E

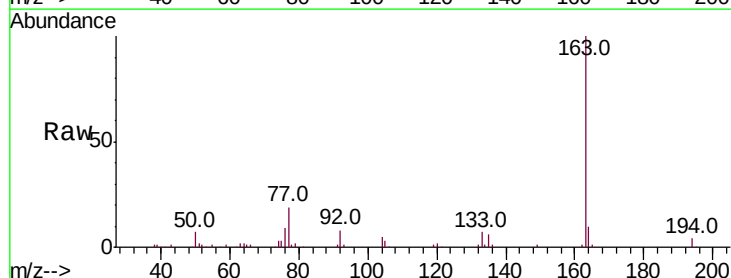
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 9.178 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.8	8.1	12.1

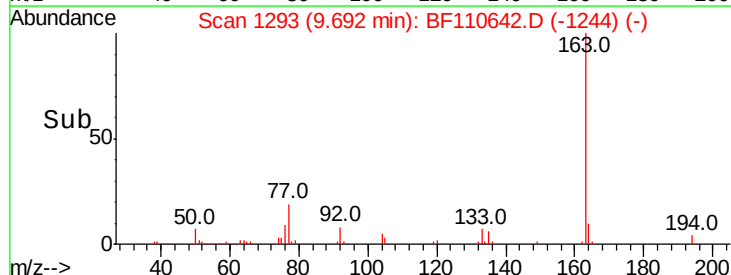
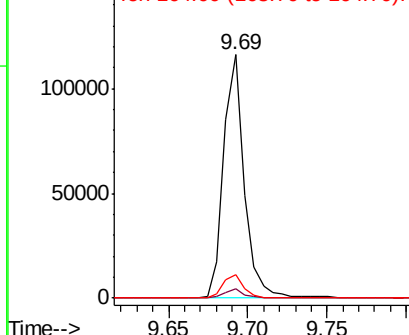


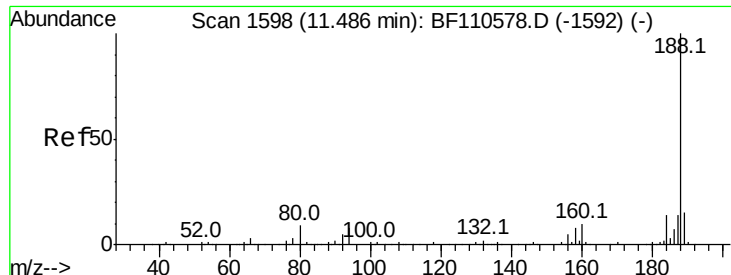
Abundance

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





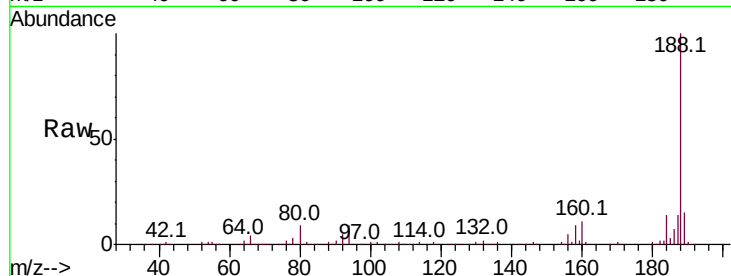
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

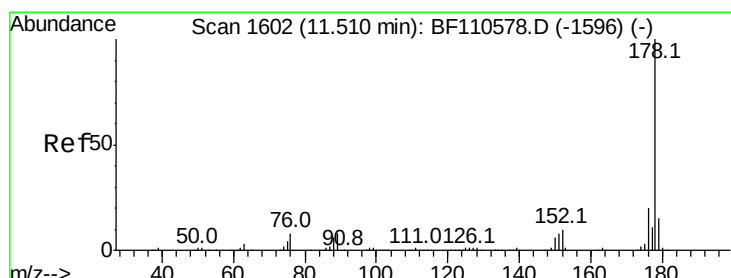
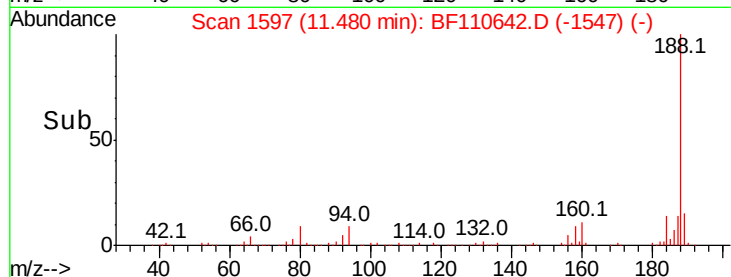
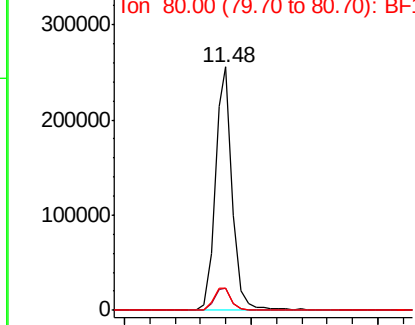
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	7.2	10.8	
80	9.4	7.9	11.9	

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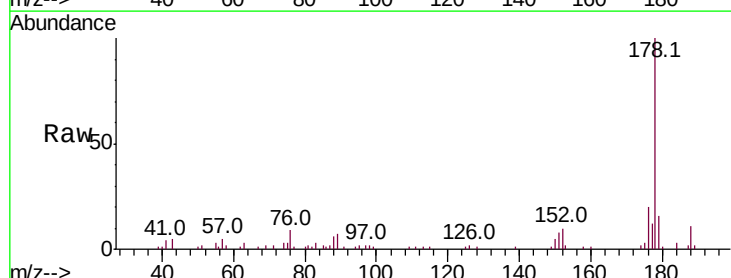


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

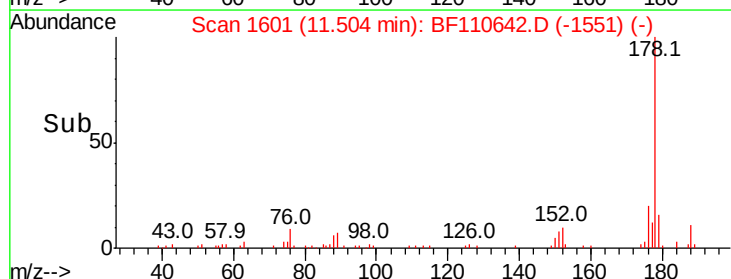
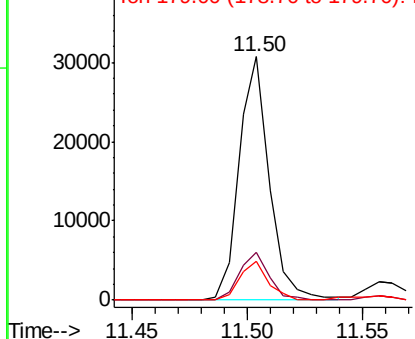


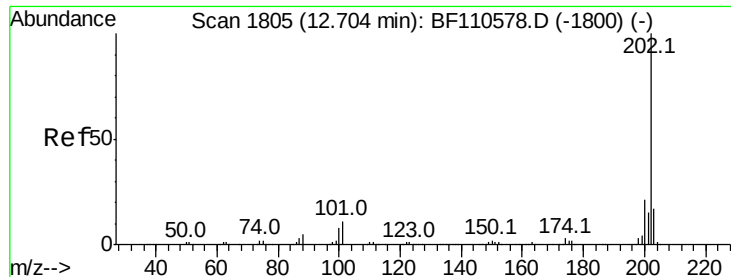
#71
Phenanthrene
Concen: 2.202 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	15.5	23.3	
179	16.2	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: 4.646 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110642.D

Acq: 9 Nov 2018 22:03

Instrument :

BNA_F

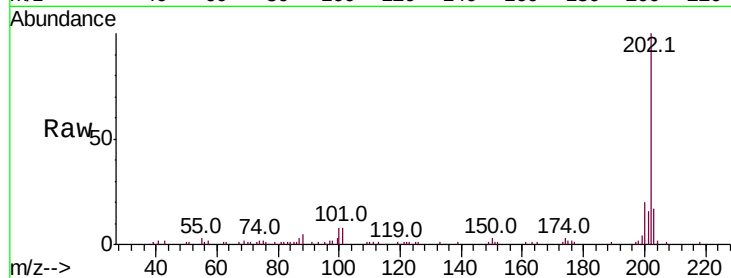
ClientSampleId :

TS-G

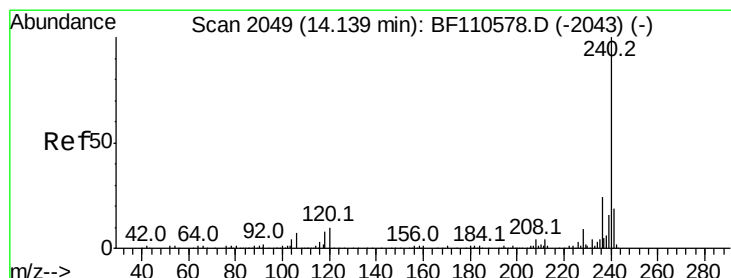
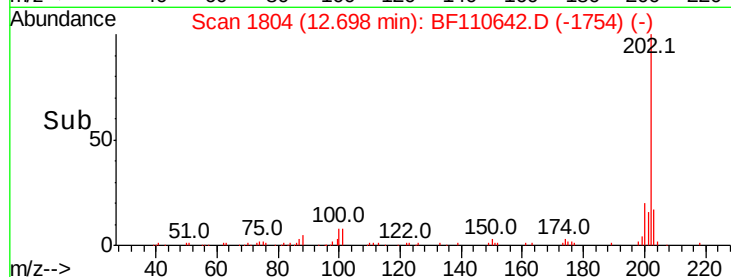
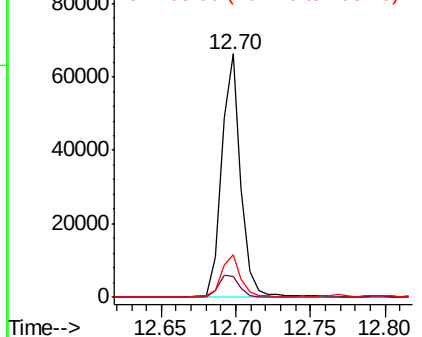
Tot Ion	Ratio	Resp	Lower	Upper
202	100	59589		
101	8.4	0.0	31.4	
203	17.3	0.0	37.7	

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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

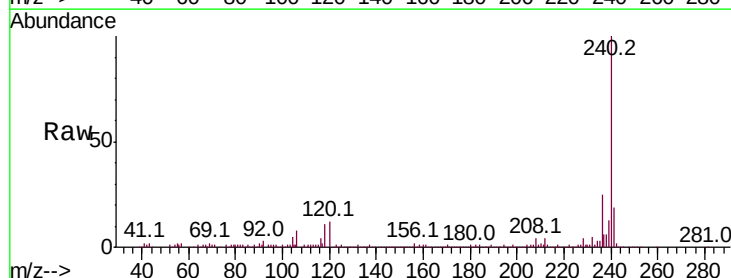
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

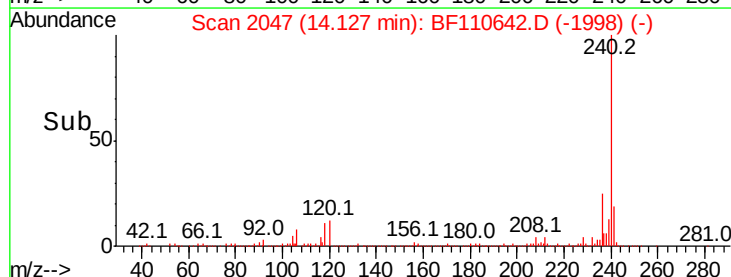
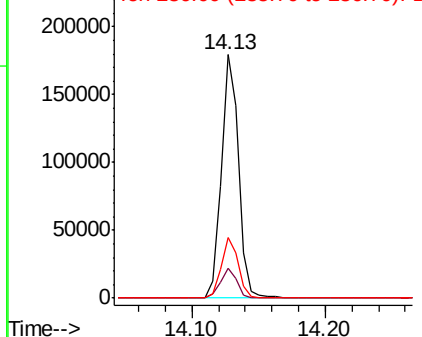
Lab File: BF110642.D

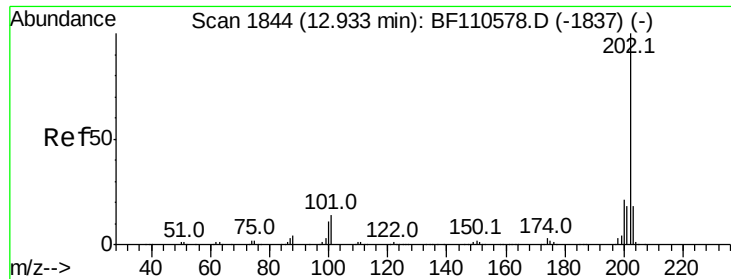
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	163216		
120	12.1	8.3	12.5	
236	25.1	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





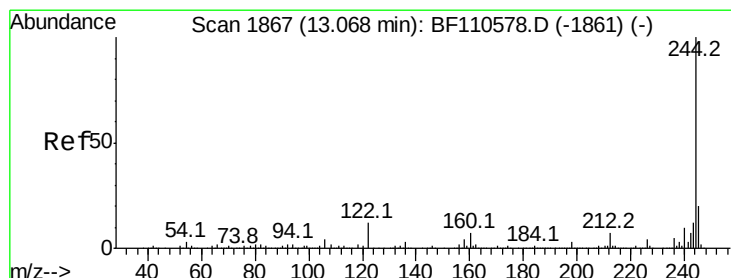
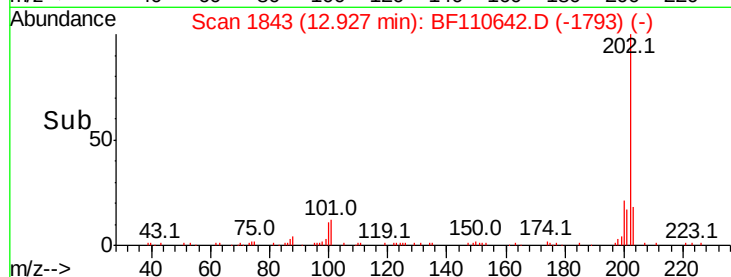
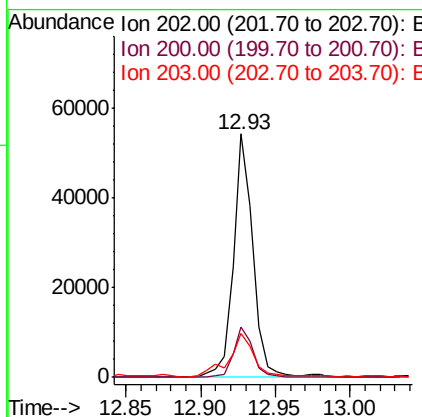
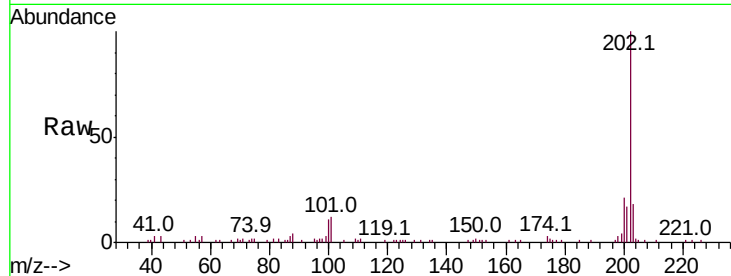
#78
Pvrene
Concen: 3.994 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	17.9	14.2	21.4

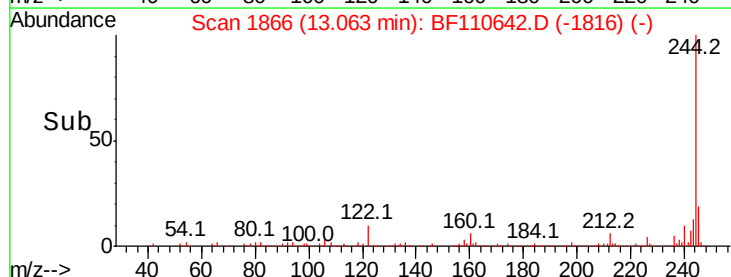
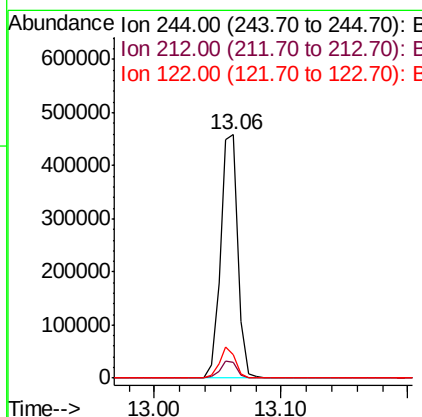
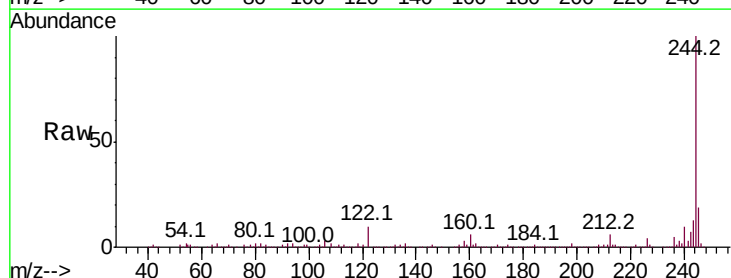
Manual Integrations
APPROVED

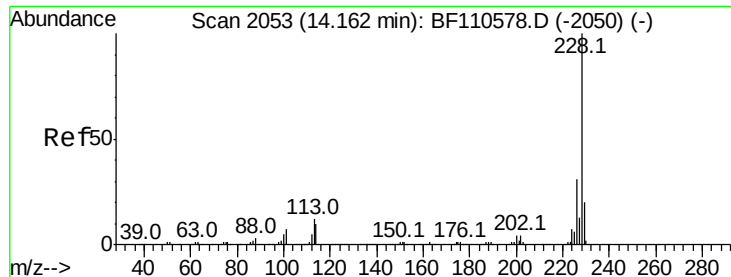
Sohil
11/12/2018 10:30:16 AM



#79
Terphenyl-d14
Concen: 50.129 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.7	8.7	13.1





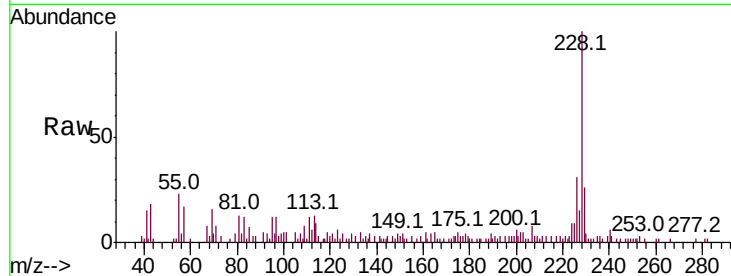
#83
Chrysene
Concen: 2.573 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

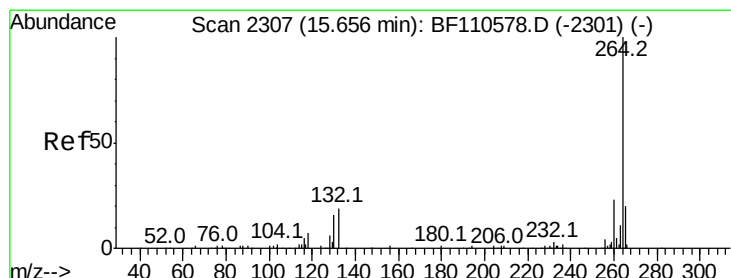
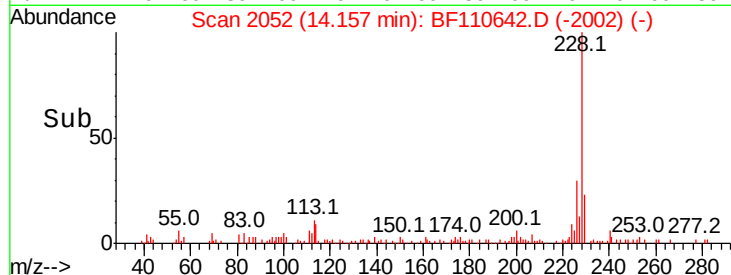
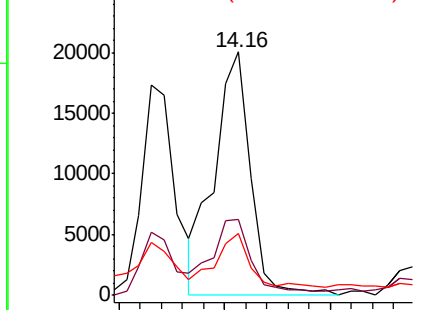
Tot Ion:	228	Resp:	23910
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.7	37.1
229	25.6	15.9	23.9

Manual Integrations
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Sohil
11/12/2018 10:30:16 AM



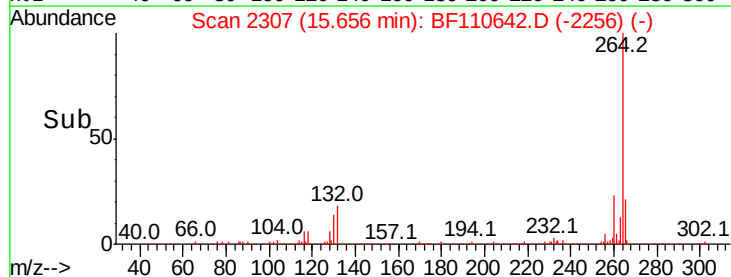
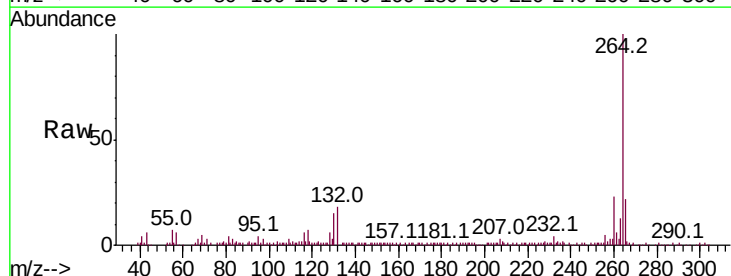
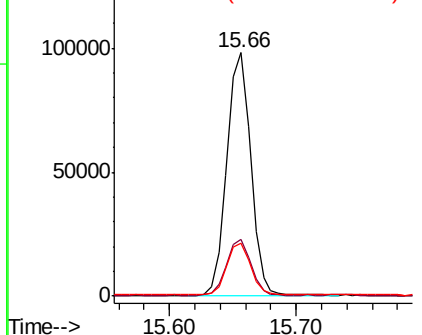
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

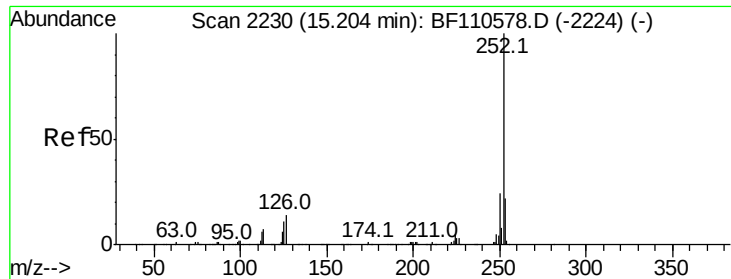


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion:	264	Resp:	129982
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.8	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





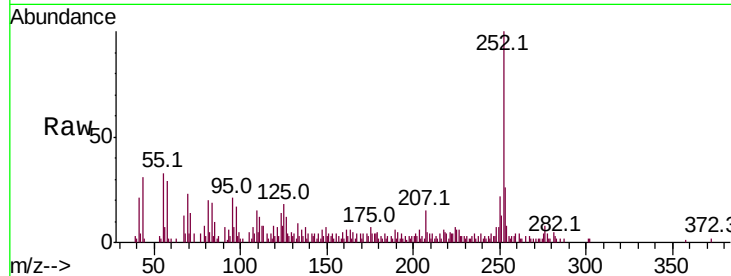
#88
Benzo(b)fluoranthene
Concen: 3.884 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Instrument :
BNA_F
ClientSampled :
TS-G

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	17.9	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:16 AM

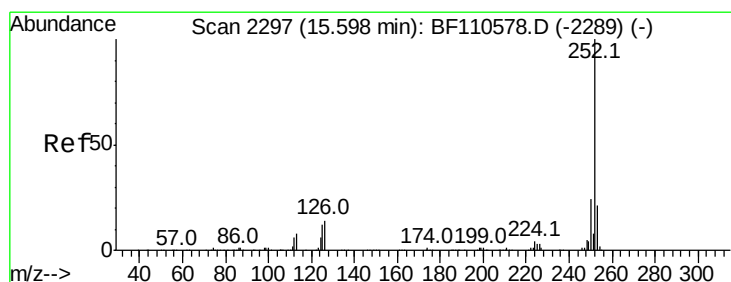
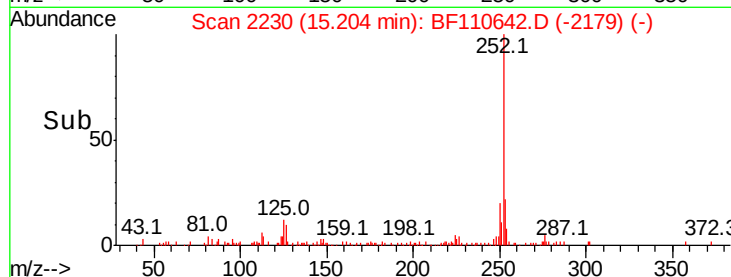
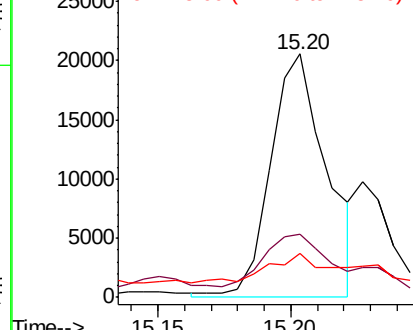


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.369 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110642.D
Acq: 9 Nov 2018 22:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.4
125	21.9	9.0	13.6#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

