

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110645.D
 Acq On : 9 Nov 2018 23:25
 Operator : JU/SJ
 Sample : J5876-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48382-47191-47202

Manual Integrations
 APPROVED

Sohil
 11/12/2018 10:30:24 AM

Quant Time: Nov 11 03:58:47 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	88689	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	349671	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147132	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	223386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159746	20.00	ng	0.00
87) Perylene-d12	15.66	264	125112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	731004	133.88	ng	0.01
7) Phenol-d6	6.58	99	941676	134.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	594856	97.97	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	177755	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	918498	89.16	ng	0.00
79) Terphenyl-d14	13.06	244	592578	69.47	ng	0.00
Target Compounds						
10) Phenol	6.59	94	58161	7.184	ng	Qvalue # 69
50) Dimethylphthalate	9.69	163	56974	5.190	ng	100
71) Phenanthrene	11.50	178	94815	7.922	ng	99
75) Fluoranthene	12.70	202	128124	10.678	ng	98
78) Pyrene	12.93	202	118272	9.616	ng	96
81) Benzo(a)anthracene	14.12	228	57840	6.058	ng	96
83) Chrysene	14.16	228	53173	5.845	ng	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	23108	3.519	ng	# 92
86) Indeno(1,2,3-cd)pyrene	17.23	276	25598	3.921	ng	94
88) Benzo(b)fluoranthene	15.20	252	65061m	8.693	ng	
89) Benzo(k)fluoranthene	15.23	252	23677m	3.201	ng	
90) Benzo(a)pyrene	15.59	252	44740	6.579	ng	# 92
92) Benzo(a,h,i)perylene	17.70	276	23460	4.109	ng	# 87

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

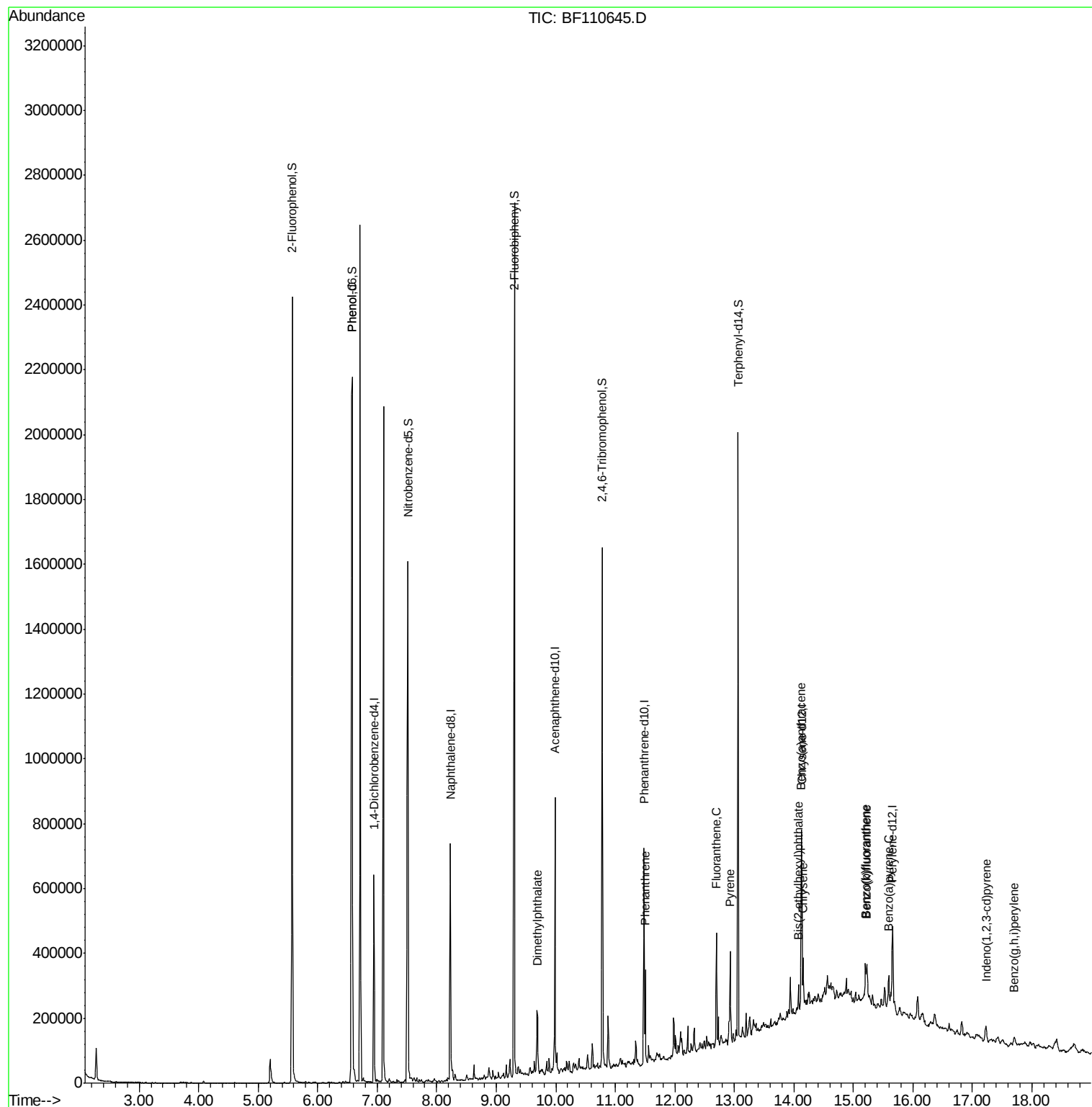
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110645.D
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Operator : JU/SJ
Sample : J5876-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

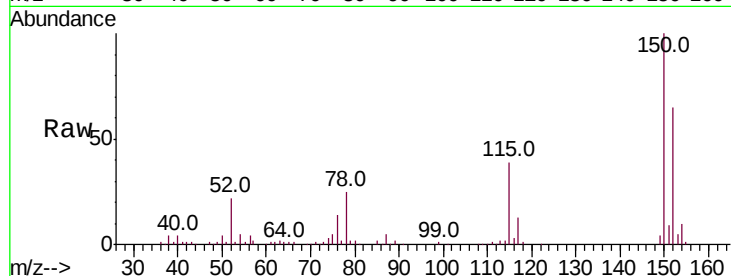
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	61.1	49.1	73.7

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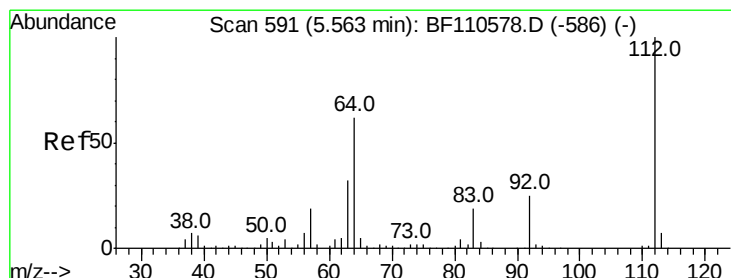
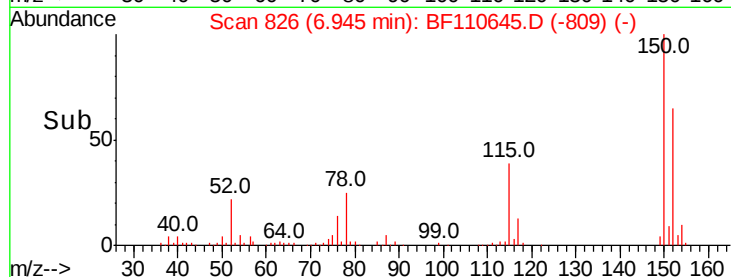
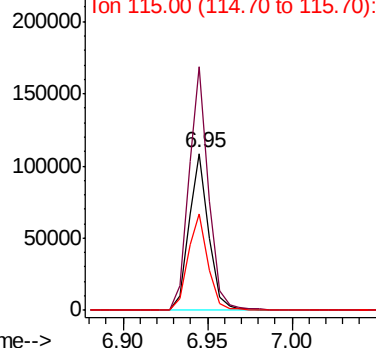


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

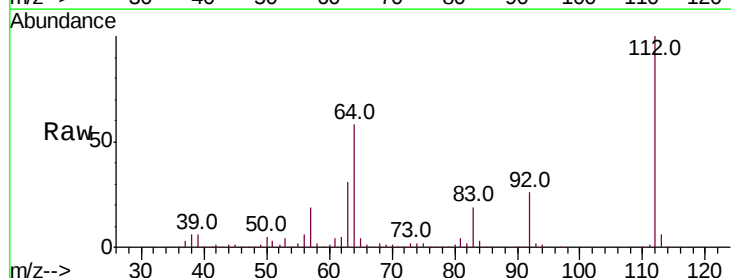
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.881 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	31.1	23.7	35.5

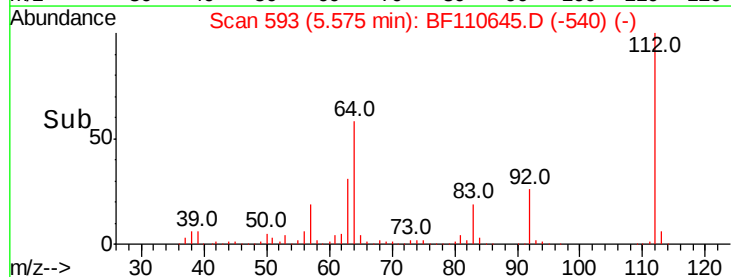
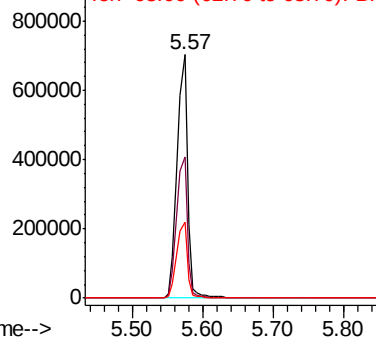


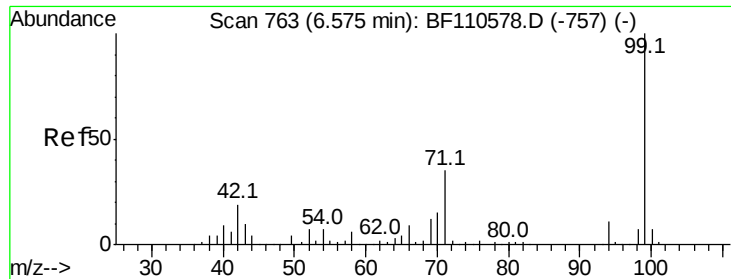
Abundance

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: 134.869 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Instrument :

BNA_F

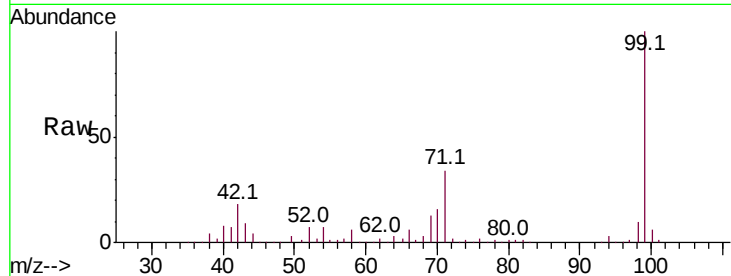
ClientSampleId :

48382-47191-47202

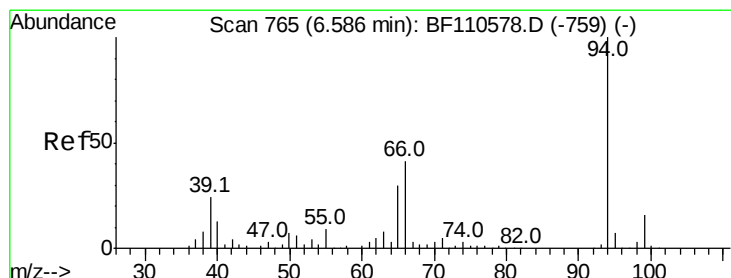
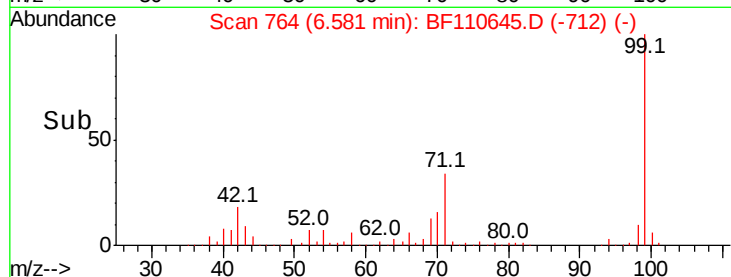
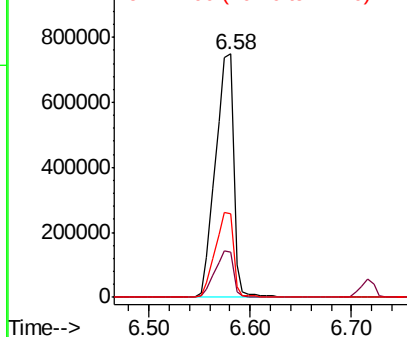
Tot Ion:	99	Resp:	941676
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	34.4	28.0	42.0

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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: 7.184 ng

RT: 6.59 min Scan# 765

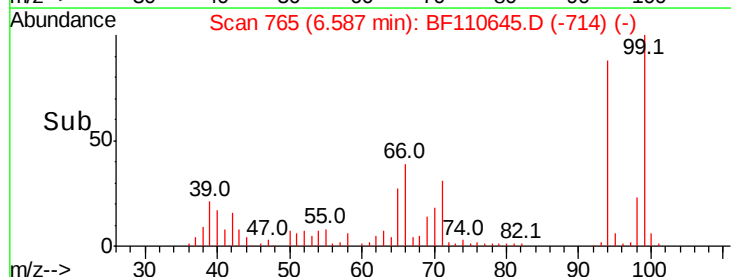
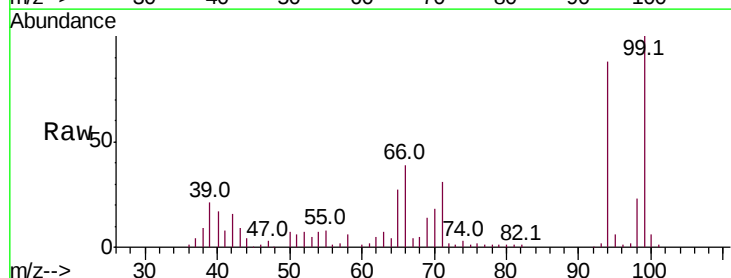
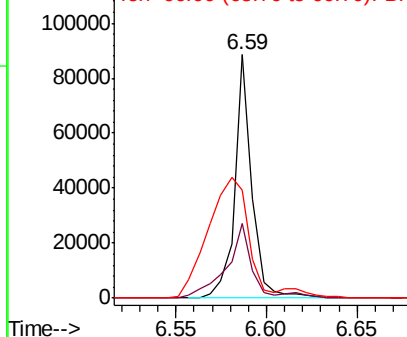
Delta R.T. 0.00 min

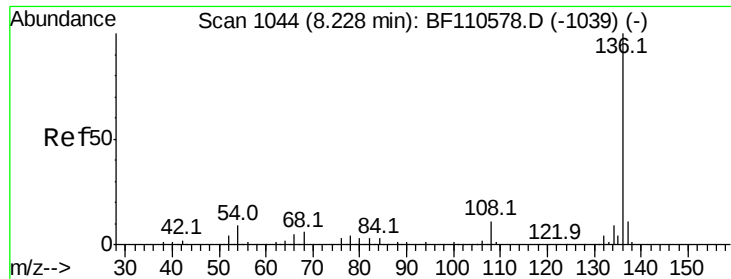
Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Tgt Ion:	94	Resp:	58161
Ion Ratio	Lower	Upper	
94	100		
65	30.7	25.3	65.3
66	44.1	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





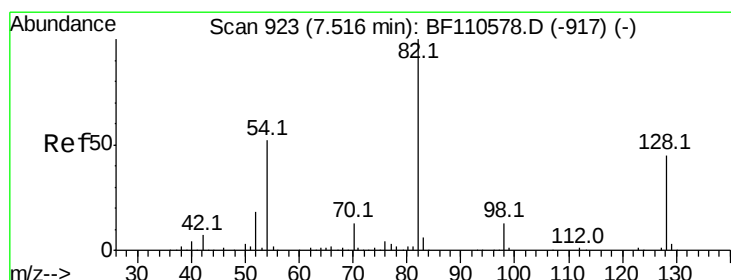
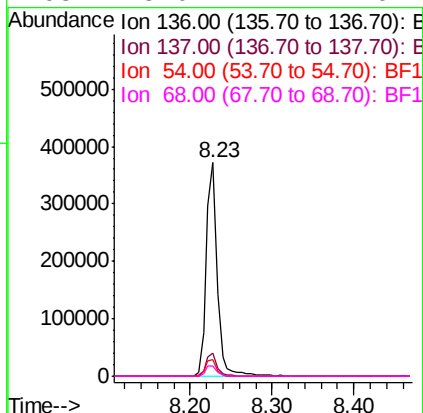
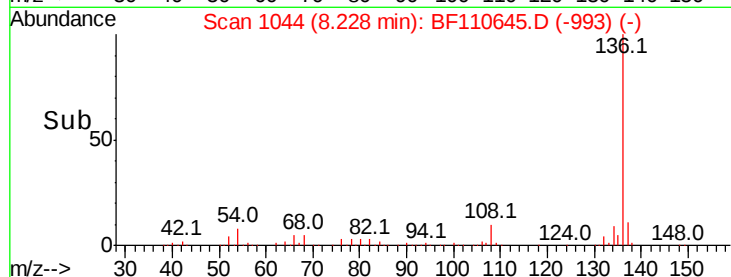
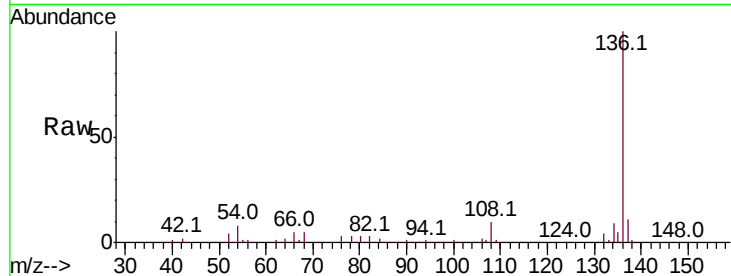
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.7	5.4	8.2	
68	5.0	4.2	6.2	

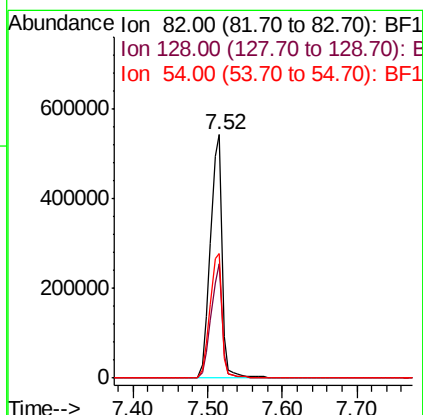
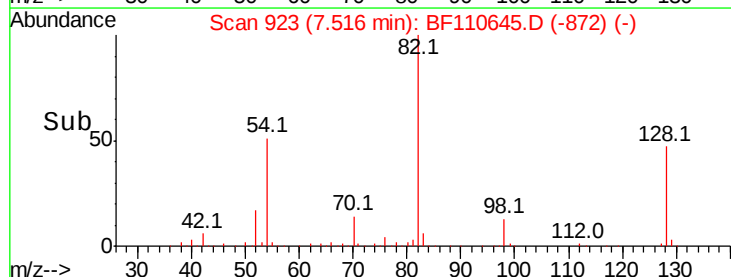
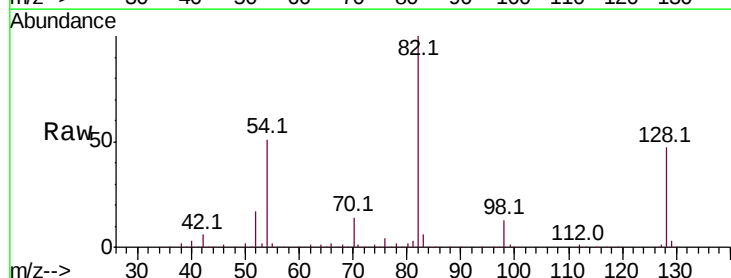
Manual Integrations
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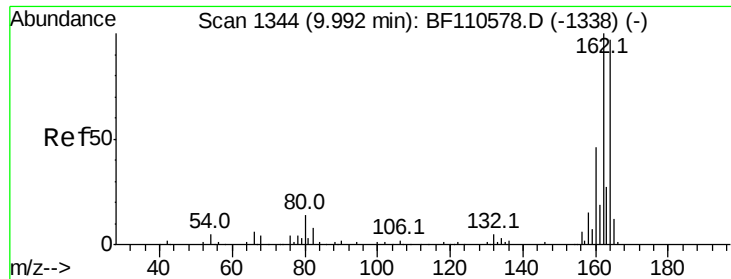
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#23
Nitrobenzene-d5
Concen: 97.971 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.2	51.2	
54	50.9	38.6	58.0	





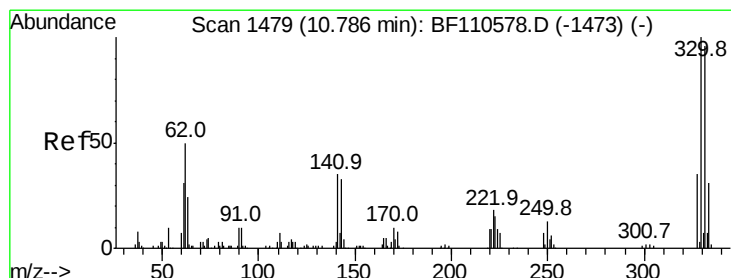
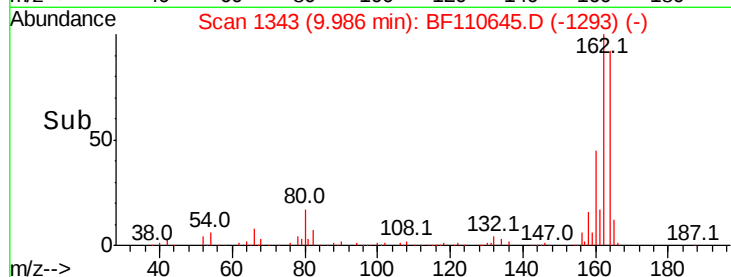
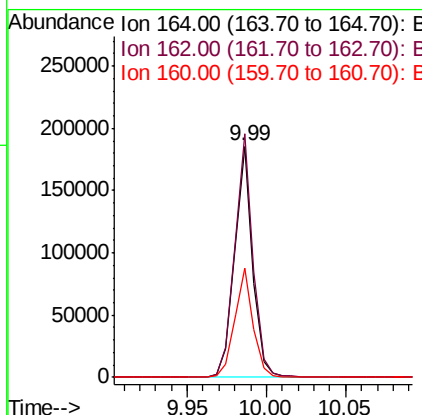
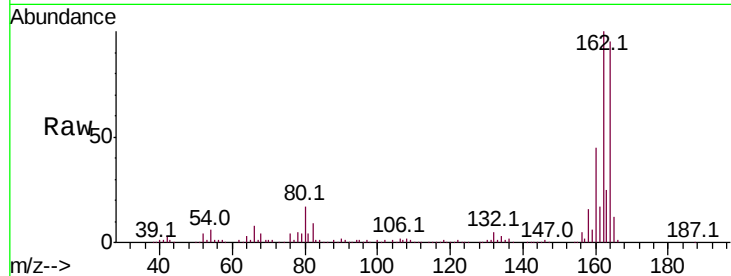
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	83.0	124.6	
160	47.3	37.0	55.6	

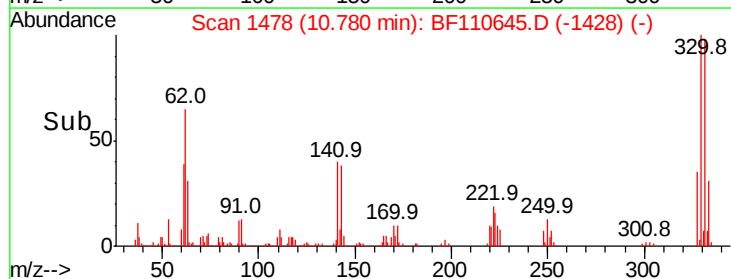
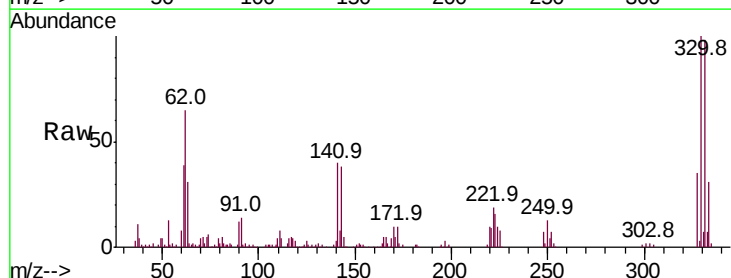
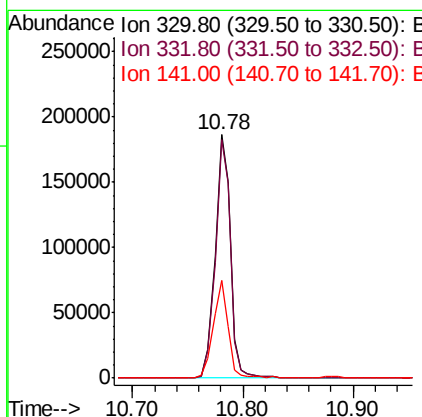
Manual Integrations
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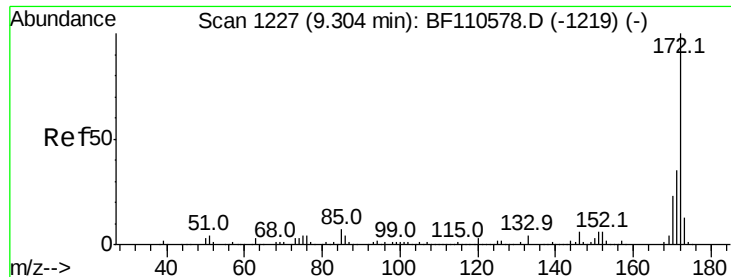
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#42
2,4,6-Tribromophenol
Concen: 119.899 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.1	115.7	
141	39.4	27.0	40.4	





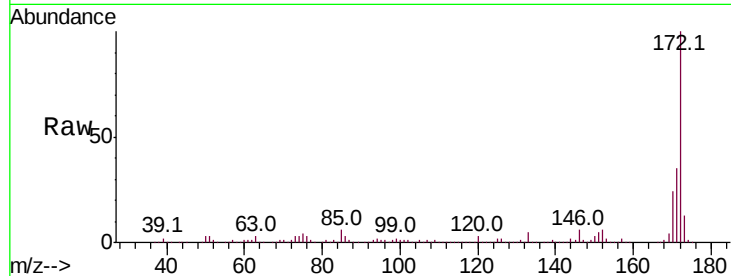
#45
2-Fluorobiphenyl
Concen: 89.157 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

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

Manual Integrations
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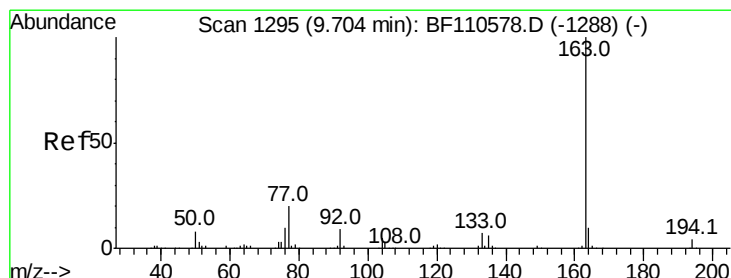
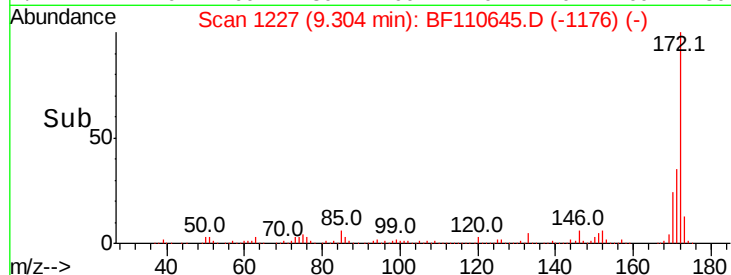
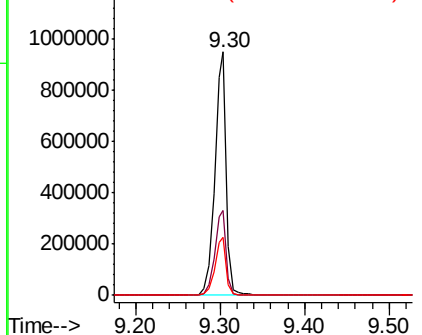


Abundance

Ion 172.00 (171.70 to 172.70): E

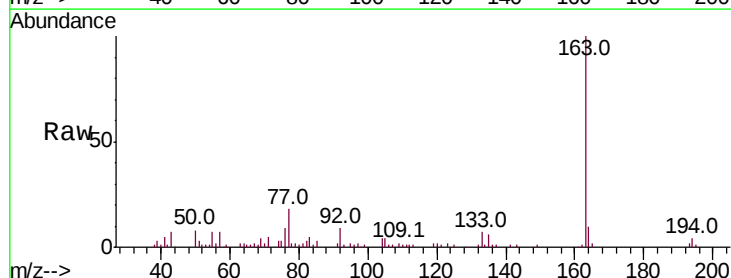
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.190 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	3.2	4.8	
164	10.1	8.1	12.1	

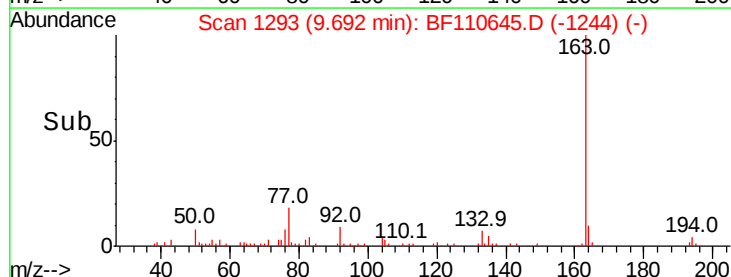
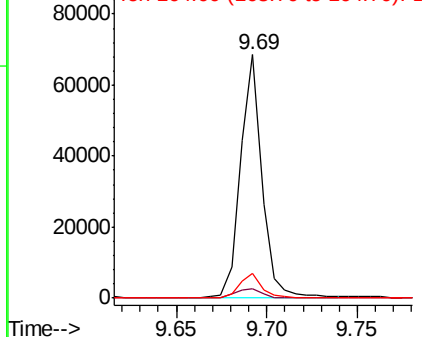


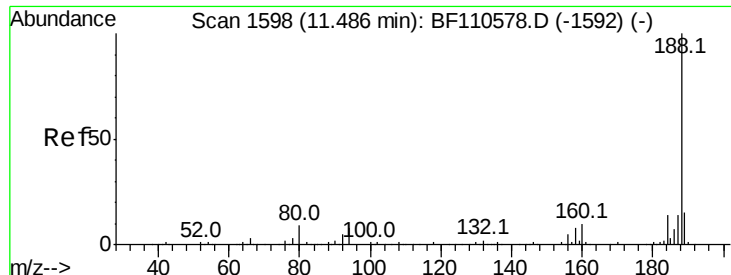
Abundance

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





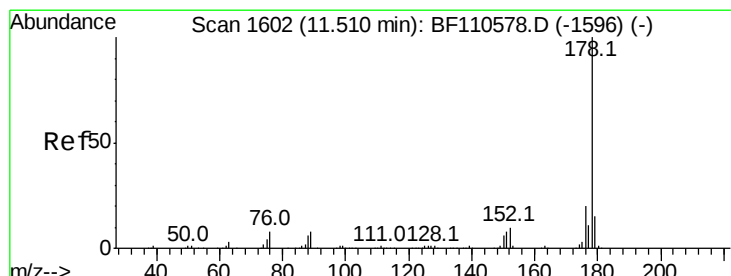
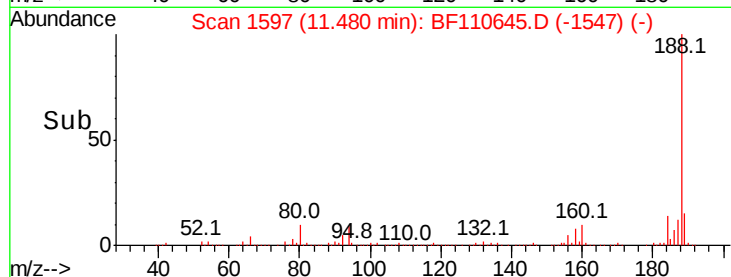
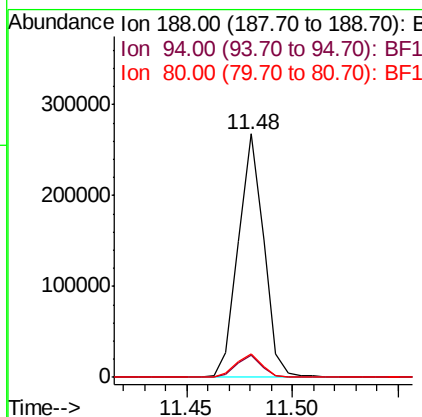
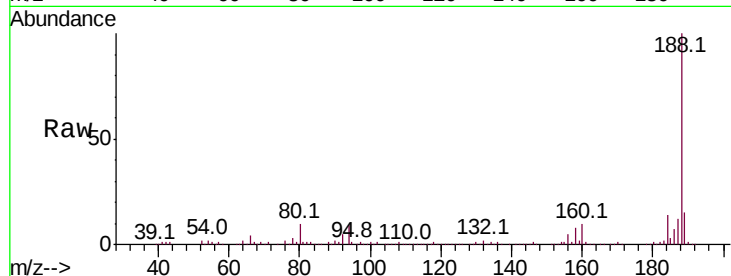
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Resp	Lower	Upper
188	100	223386		
94	8.9		7.2	10.8
80	9.7		7.9	11.9

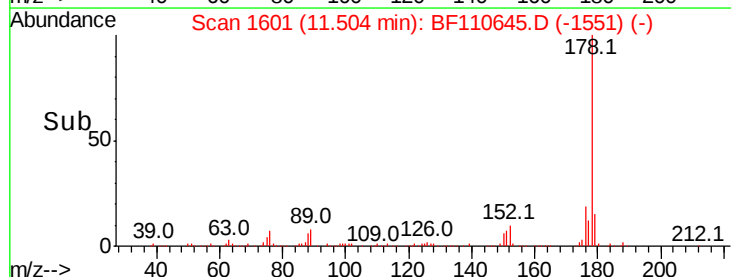
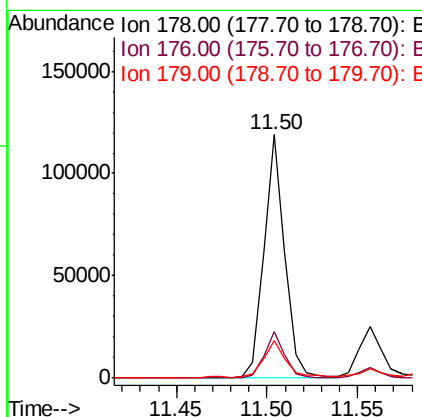
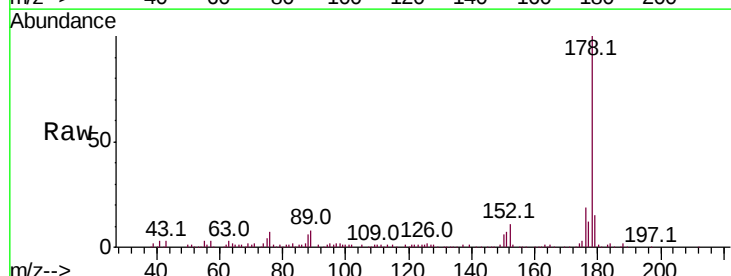
Manual Integrations
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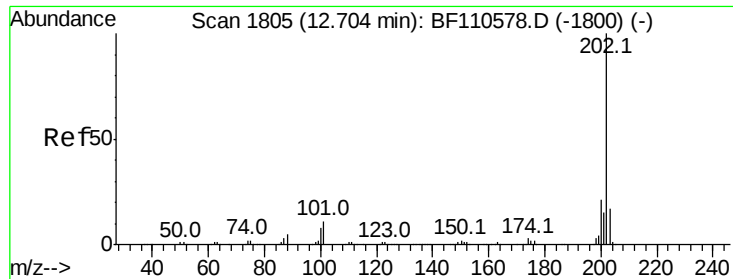
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#71
Phenanthrene
Concen: 7.922 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	94815		
176	18.9		15.5	23.3
179	15.4		12.5	18.7





#75

Fluoranthene

Concen: 10.678 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Instrument :

BNA_F

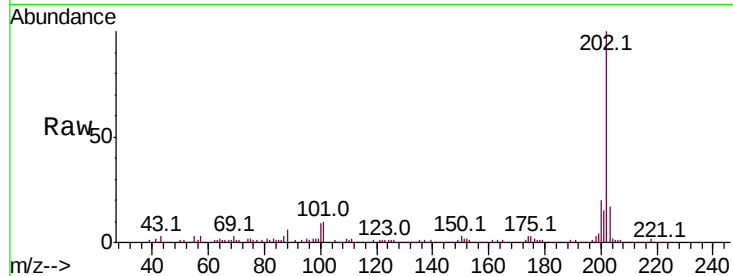
ClientSampleId :

48382-47191-47202

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		128124		
101	10.3	0.0	31.4		
203	17.4	0.0	37.7		

Manual Integrations
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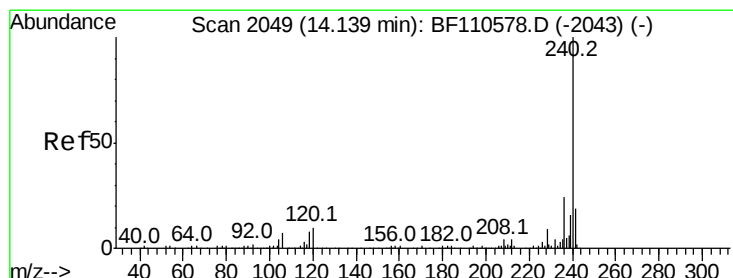
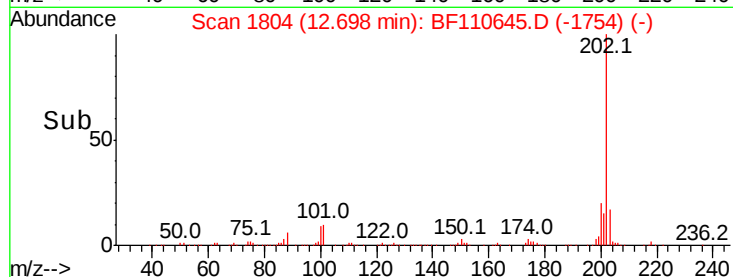
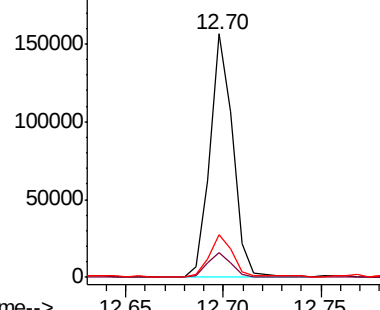


Abundance

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# 2048

Delta R.T. -0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

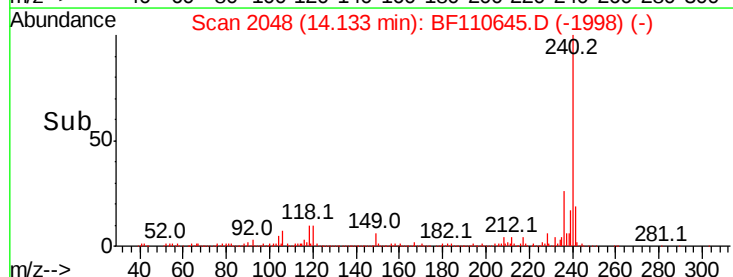
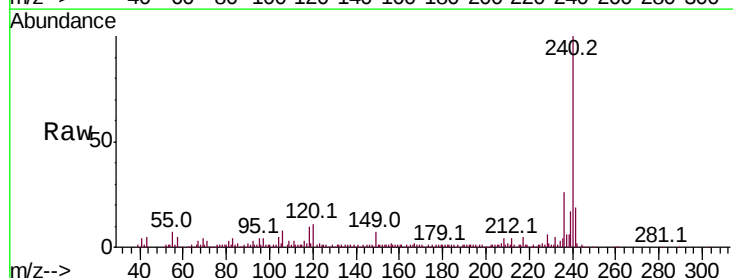
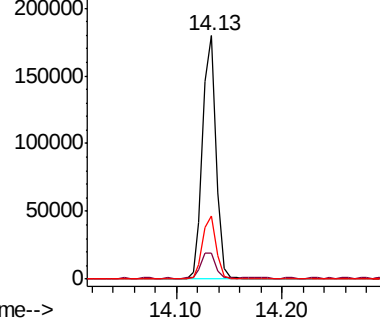
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		159746		
120	10.8	8.3	12.5		
236	26.2	21.2	31.8		

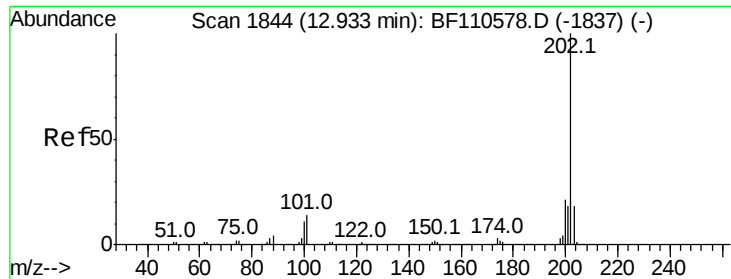
Abundance

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





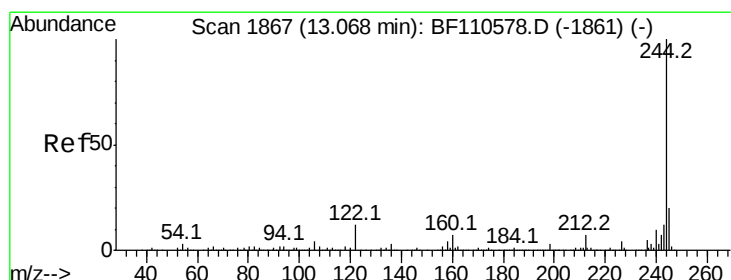
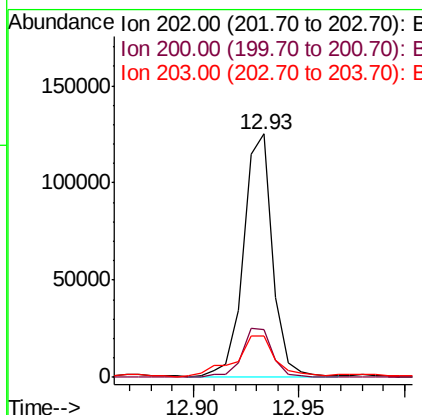
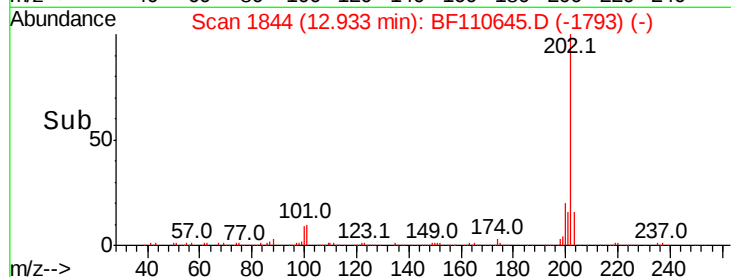
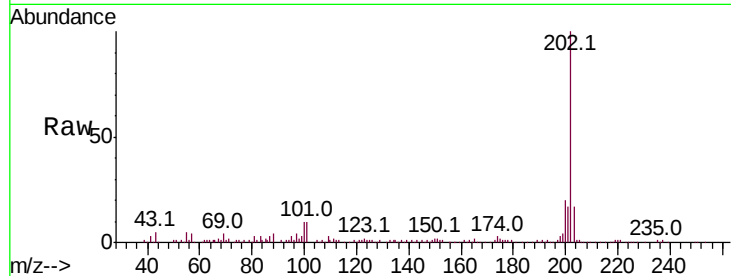
#78
Pvrene
Concen: 9.616 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.6
203	16.8	14.2	21.4

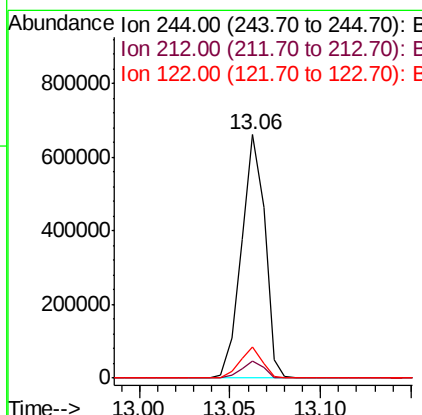
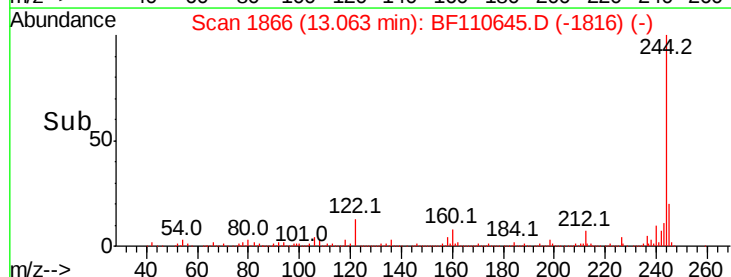
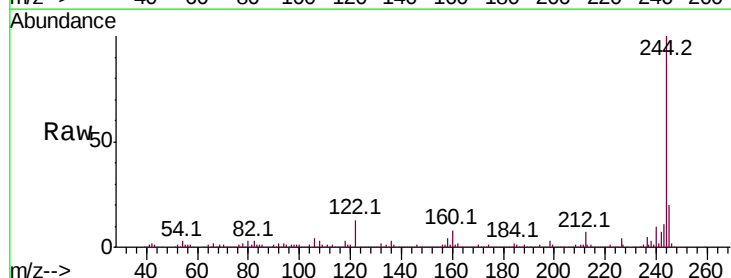
Manual Integrations
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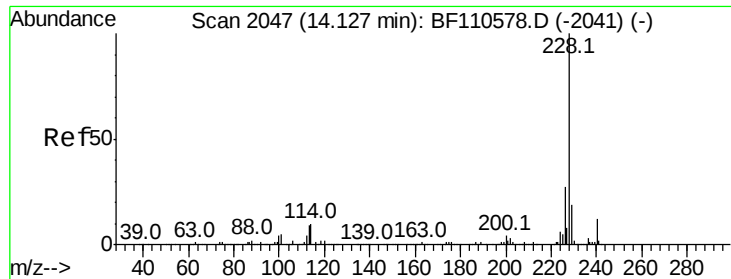
Sohil
11/12/2018 10:30:24 AM



#79
Terphenyl-d14
Concen: 69.470 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

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





#81

Benzo(a)anthracene

Concen: 6.058 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Instrument :

BNA_F

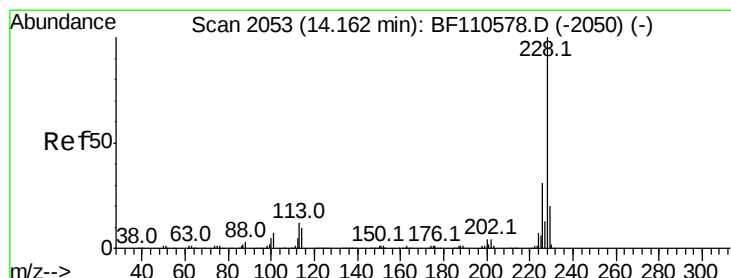
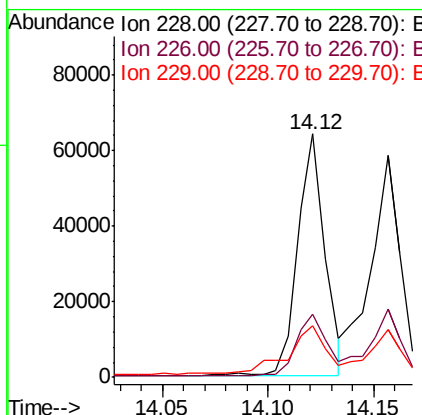
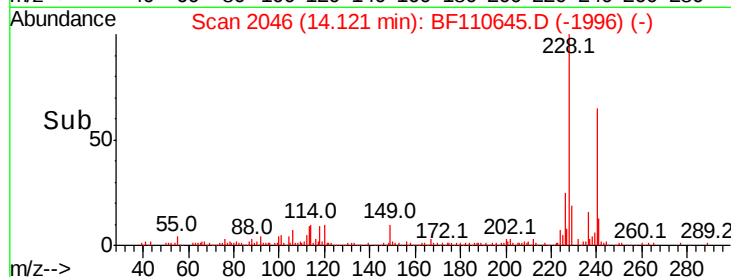
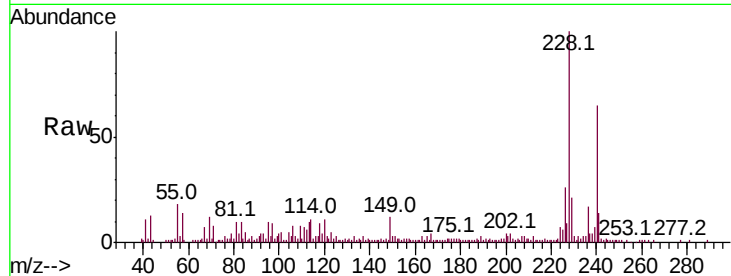
ClientSampleId :

48382-47191-47202

Tot Ion:	228	Resp:	57840
Ion Ratio	Lower	Upper	
228	100		
226	25.8	22.1	33.1
229	21.2	15.6	23.4

Manual Integrations
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Sohil
11/12/2018 10:30:24 AM



#83

Chrysene

Concen: 5.845 ng

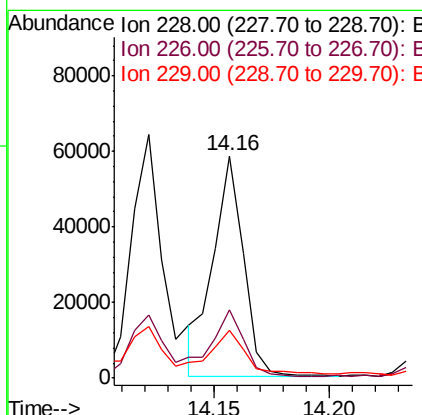
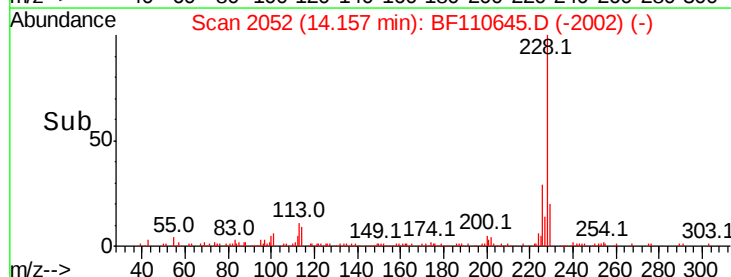
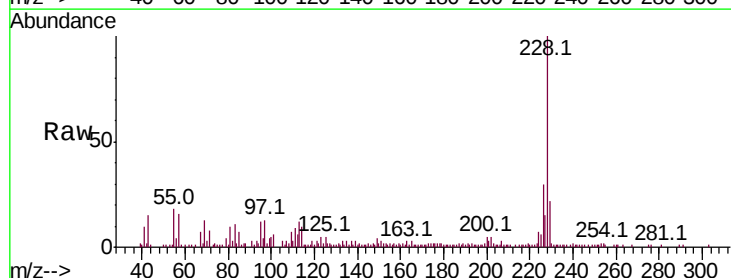
RT: 14.16 min Scan# 2052

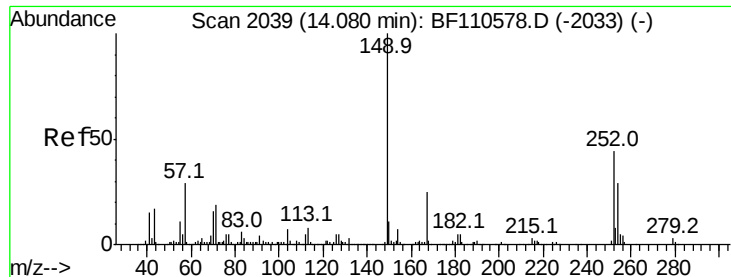
Delta R.T. -0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Tgt Ion:	228	Resp:	53173
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	21.6	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.519 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

Instrument :

BNA_F

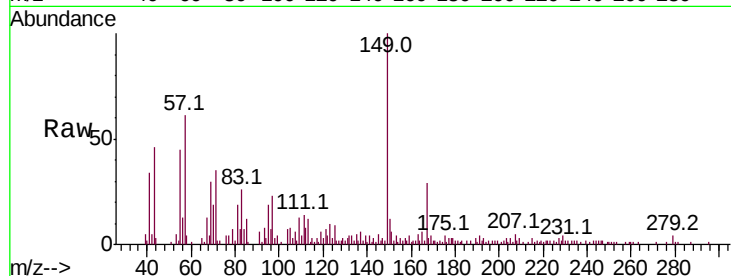
ClientSampleId :

48382-47191-47202

Tot Ion:	149	Resp:	23108
Ion Ratio	Lower	Upper	
149	100		
167	29.3	19.8	29.8
279	4.4	2.7	4.1#

Manual Integrations
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Sohil
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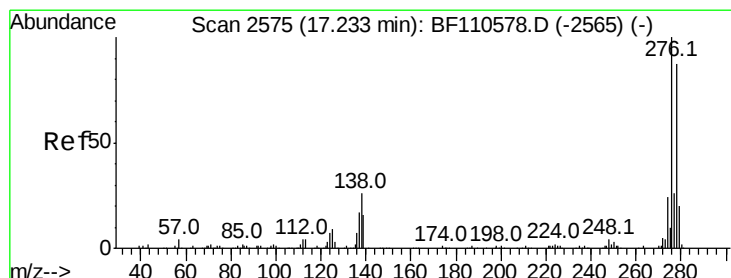
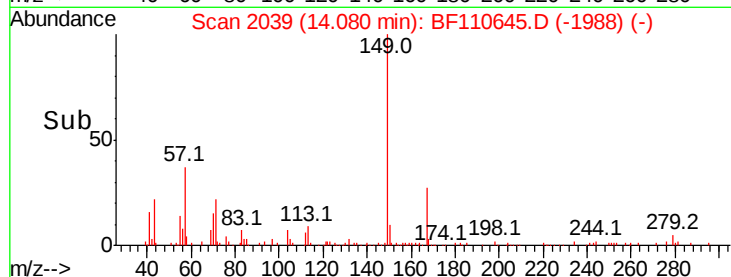
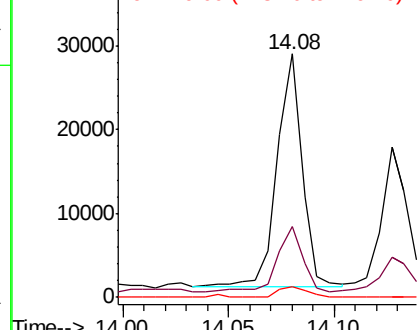


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.921 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF110645.D

Acq: 9 Nov 2018 23:25

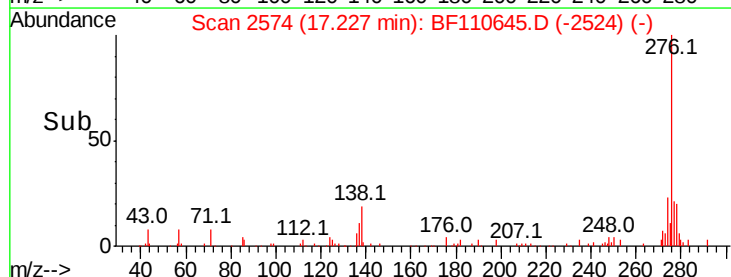
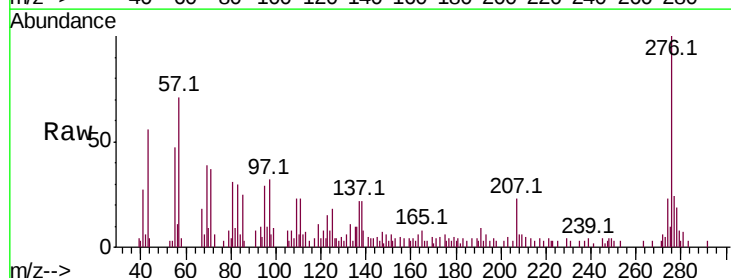
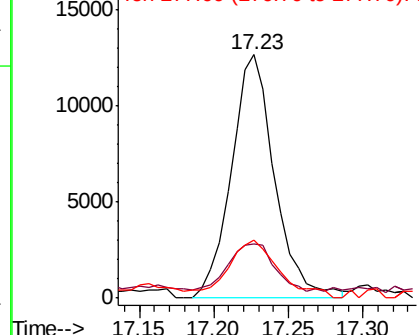
Tgt Ion:	276	Resp:	25598
Ion Ratio	Lower	Upper	
276	100		
138	20.3	18.5	27.7
277	27.9	20.0	30.0

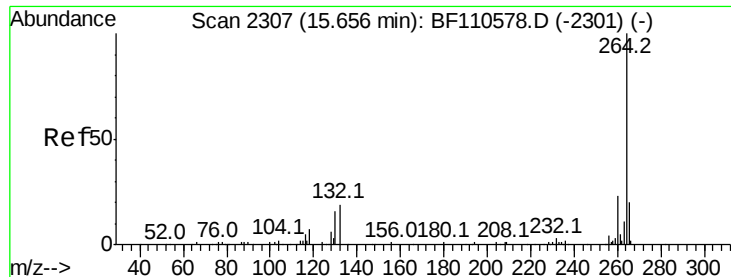
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





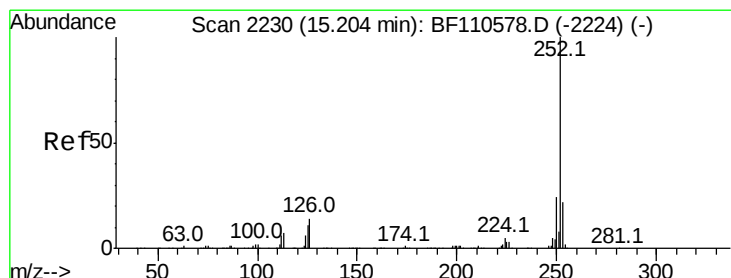
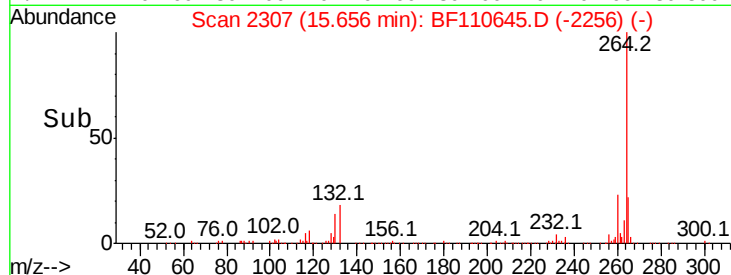
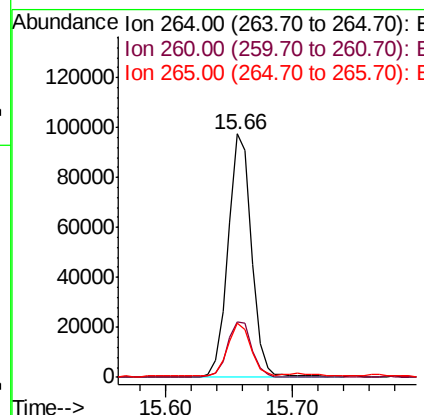
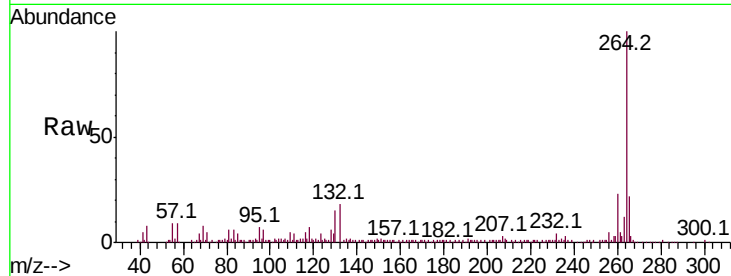
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.1	16.7	25.1

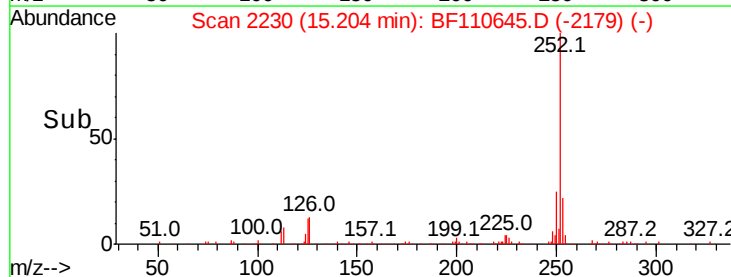
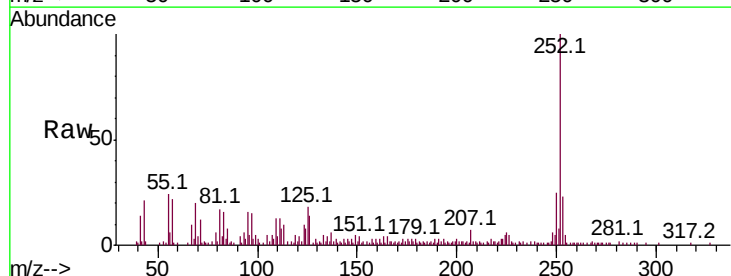
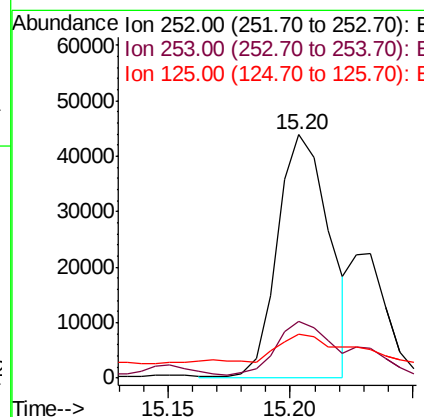
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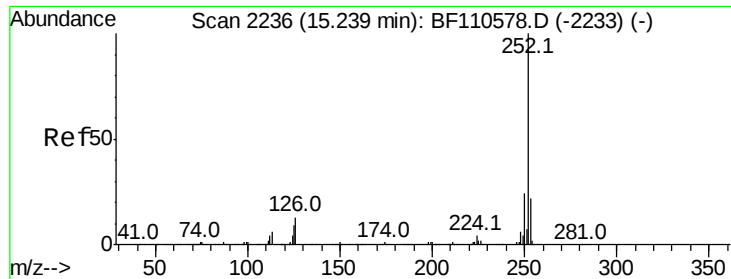
Sohil
11/12/2018 10:30:24 AM



#88
Benzo(b)fluoranthene
Concen: 8.693 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	18.0	8.2	12.4





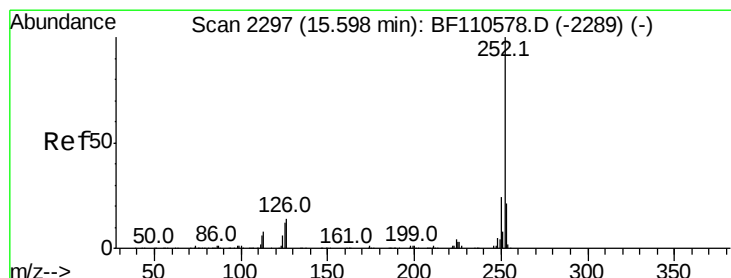
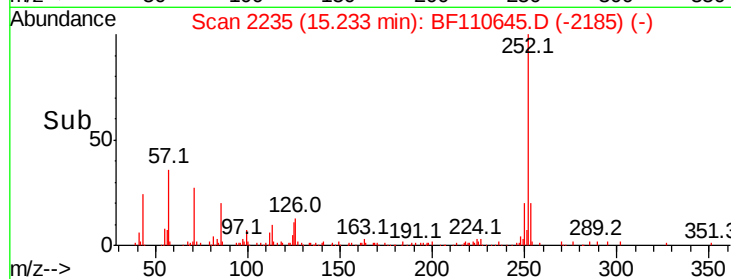
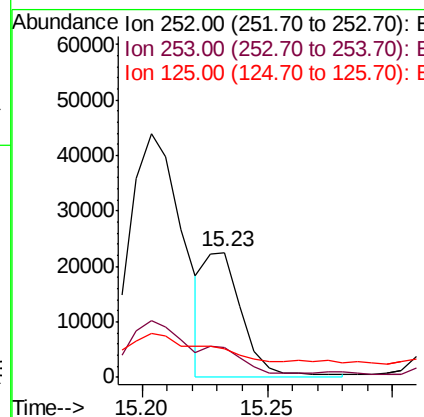
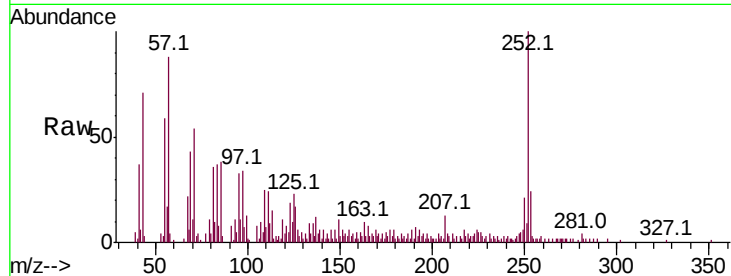
#89
Benzo(k)fluoranthene
Concen: 3.201 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Instrument :
BNA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	23.3	7.4	11.0

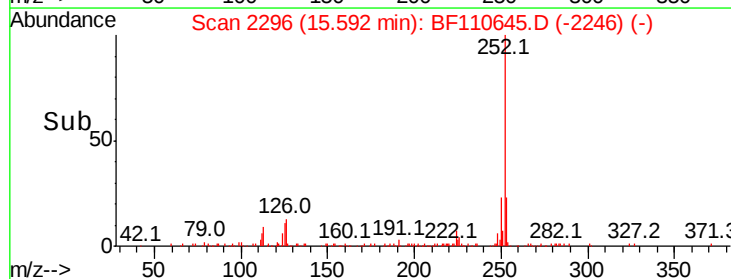
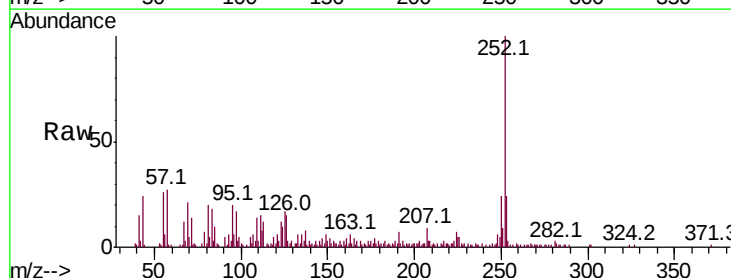
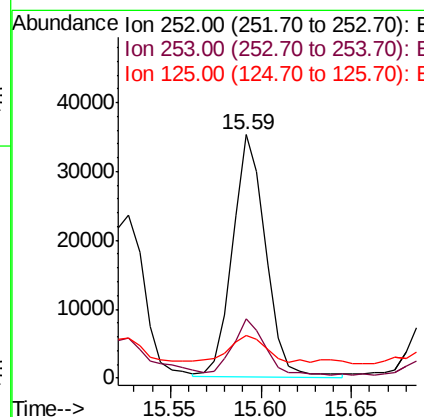
Manual Integrations
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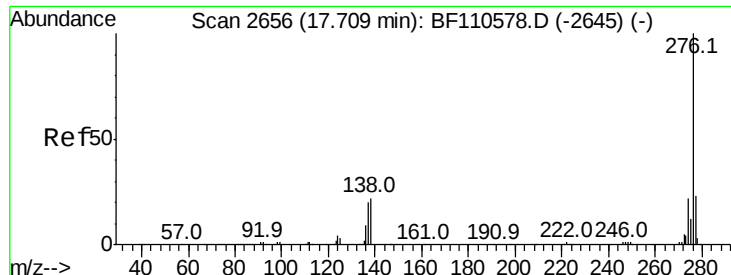
Sohil
11/12/2018 10:30:24 AM



#90
Benzo(a)pyrene
Concen: 6.579 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110645.D
Acq: 9 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	17.3	9.0	13.6





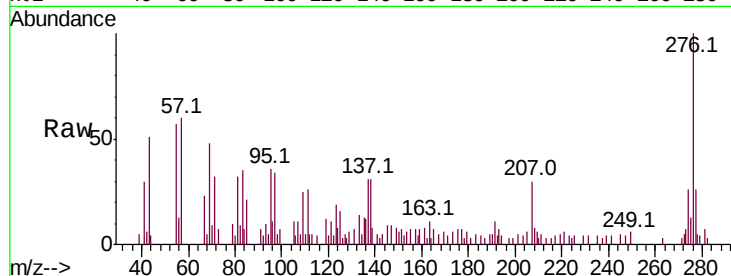
#92
 Benzo(a,h,i)perylene
 Concen: 4.109 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: BF110645.D
 Acq: 9 Nov 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 48382-47191-47202

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	31.2	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 11/12/2018 10:30:24 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

