

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110735.D
 Acq On : 13 Nov 2018 22:38
 Operator : JU/SJ
 Sample : J5770-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111218-A

Manual Integrations
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Quant Time: Nov 14 06:25:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83441	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	314824	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	124430	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	199039	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171545	20.00	ng	-0.01
87) Perylene-d12	15.66	264	115898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	277923	54.10	ng	0.00
7) Phenol-d6	6.57	99	342695	52.17	ng	0.00
23) Nitrobenzene-d5	7.51	82	204383	37.39	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	55473	44.24	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	338796	38.89	ng	0.00
79) Terphenyl-d14	13.06	244	260588	28.45	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	15833	2.079	ng	Qvalue # 72
71) Phenanthrene	11.50	178	33396	3.132	ng	98
75) Fluoranthene	12.70	202	66364	6.208	ng	98
78) Pyrene	12.93	202	68423	5.180	ng	97
81) Benzo(a)anthracene	14.12	228	34296	3.345	ng	97
83) Chrysene	14.16	228	36291	3.715	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	14110	2.013	ng	# 92
88) Benzo(b)fluoranthene	15.20	252	32817m	4.733	ng	
90) Benzo(a)pyrene	15.59	252	24059	3.819	ng	# 93
92) Benzo(g,h,i)perylene	17.72	276	13135	2.483	ng	# 87

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

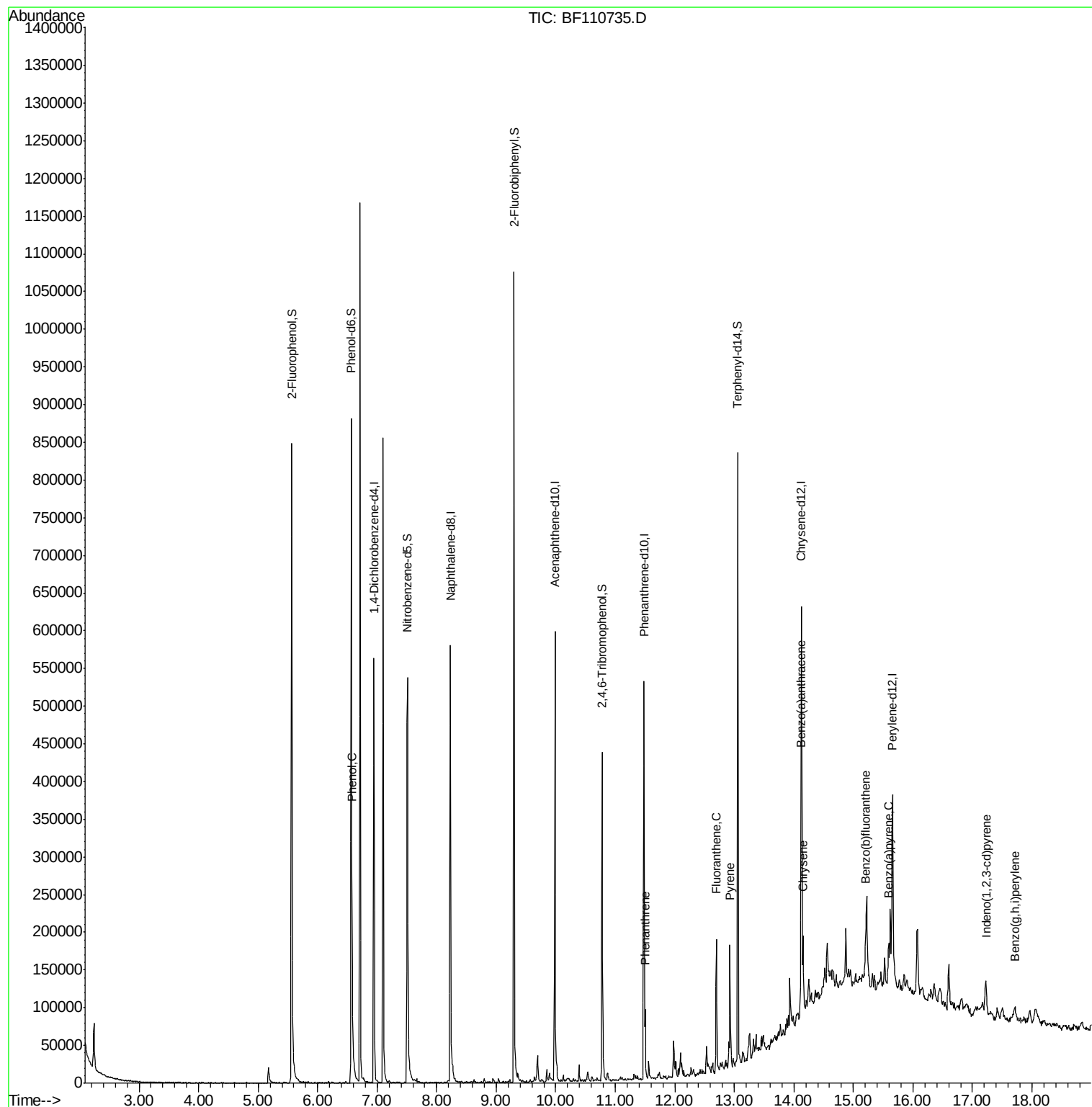
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110735.D
Acq On : 13 Nov 2018 22:38
Operator : JU/SJ
Sample : J5770-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

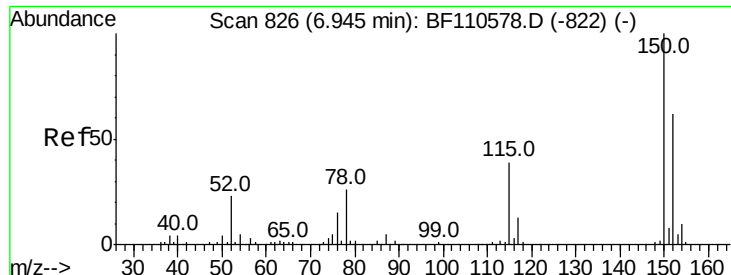
Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Quant Time: Nov 14 06:25:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
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#1

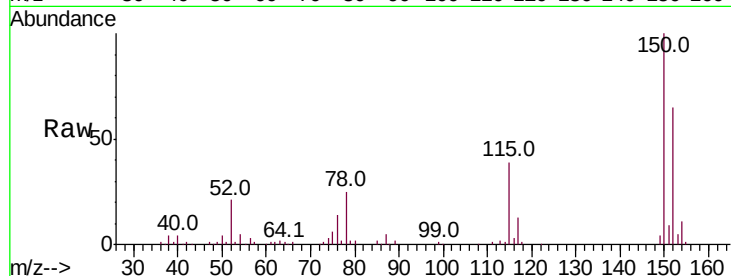
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.7	184.1
115	59.5	49.1	73.7

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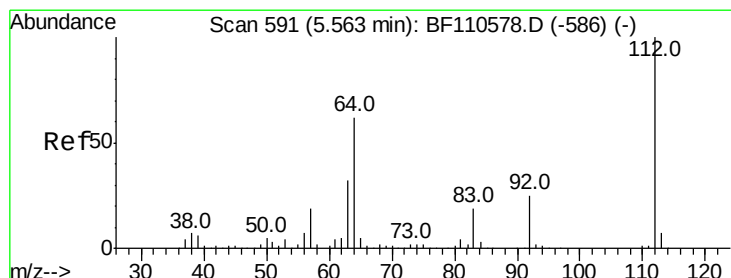
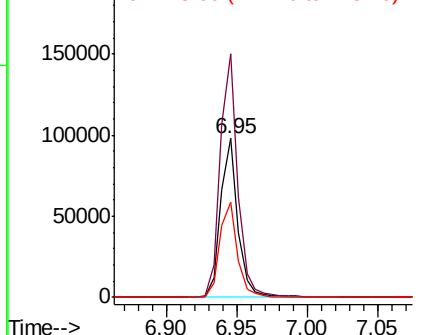
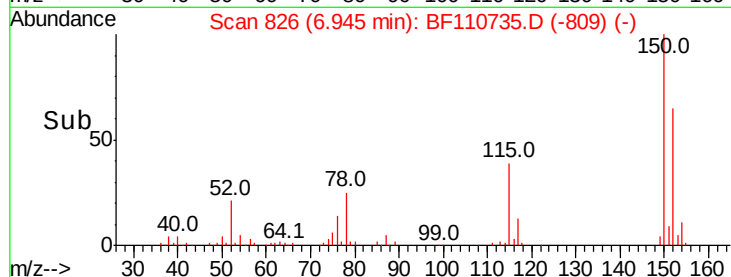


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

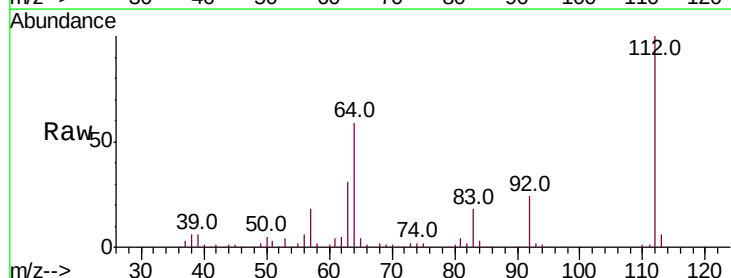
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.102 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	31.2	23.7	35.5

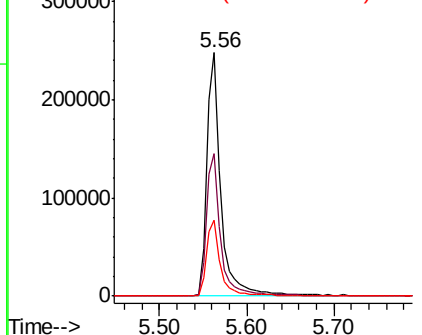
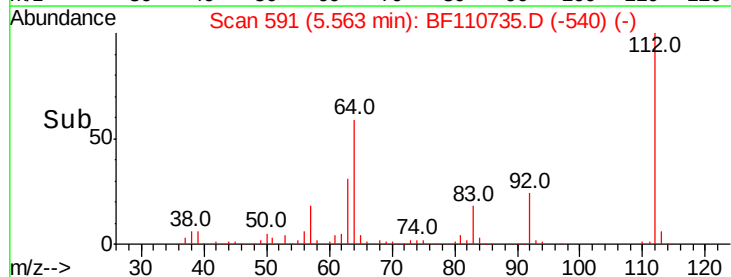


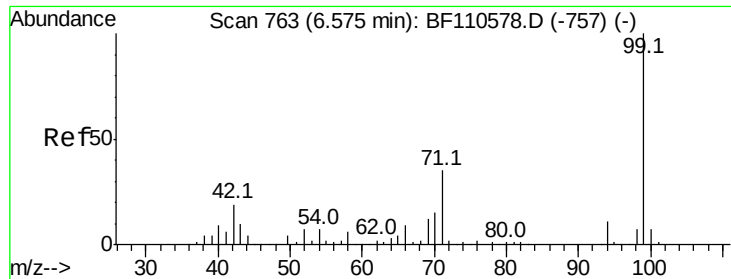
Abundance

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: 52.169 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Instrument :

BNA_F

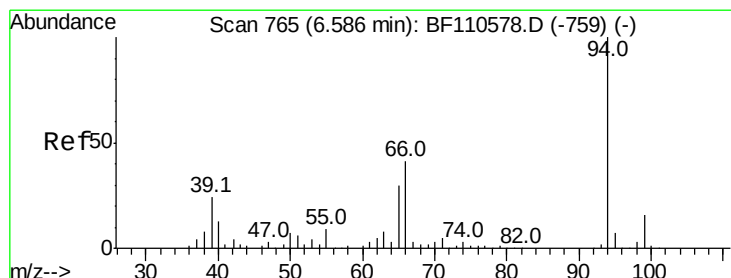
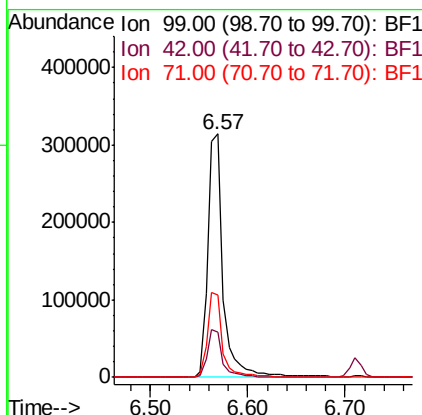
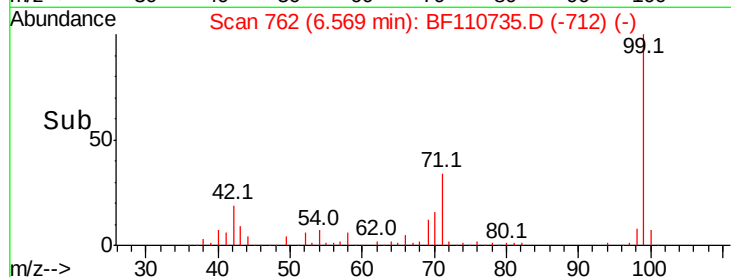
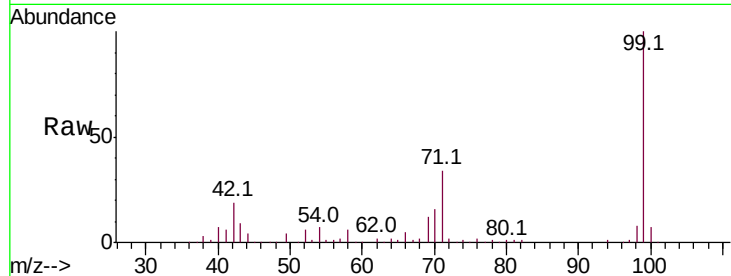
ClientSampleId :

OR-01-111218-A

Tot Ion:	99	Resp:	342695
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	34.0	28.0	42.0

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#10

Phenol

Concen: 2.079 ng

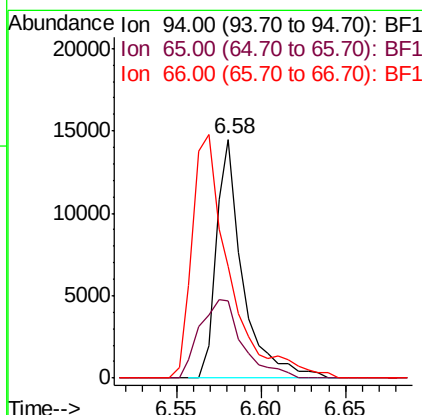
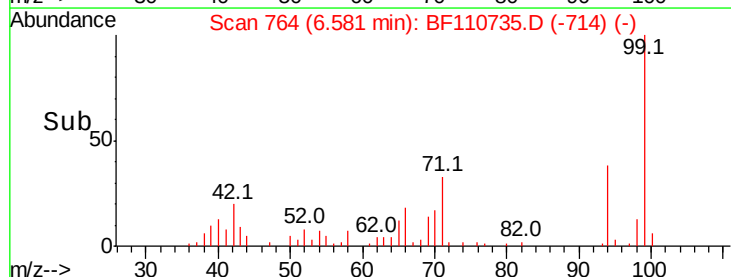
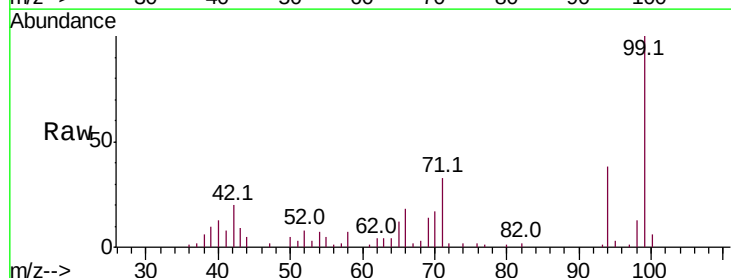
RT: 6.58 min Scan# 764

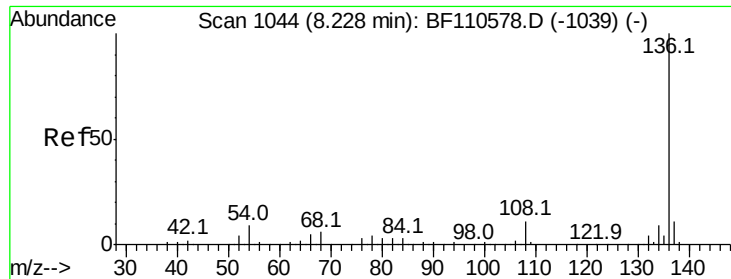
Delta R.T. -0.01 min

Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Tgt Ion:	94	Resp:	15833
Ion Ratio	Lower	Upper	
94	100		
65	32.6	25.3	65.3
66	47.0	54.5	94.5#





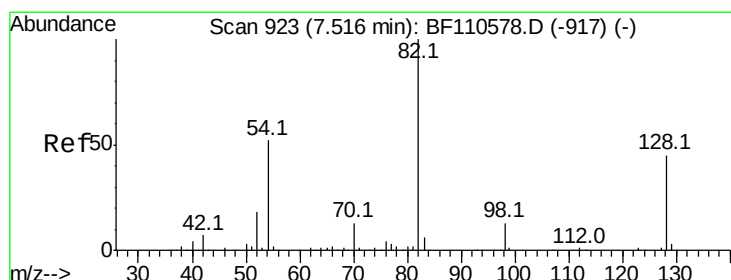
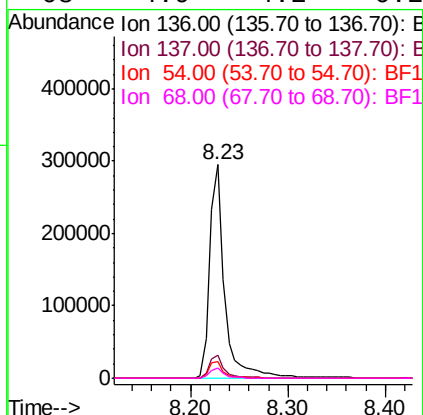
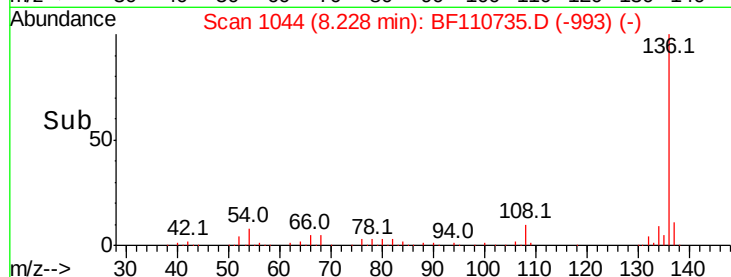
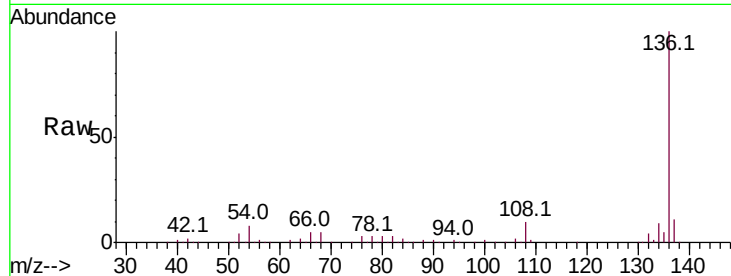
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.6	5.4	8.2	
68	4.9	4.2	6.2	

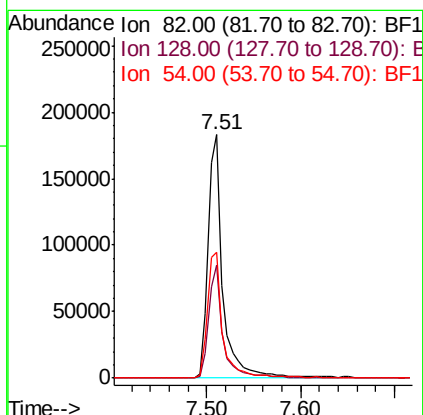
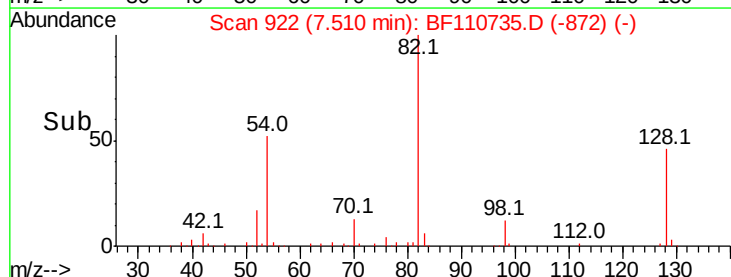
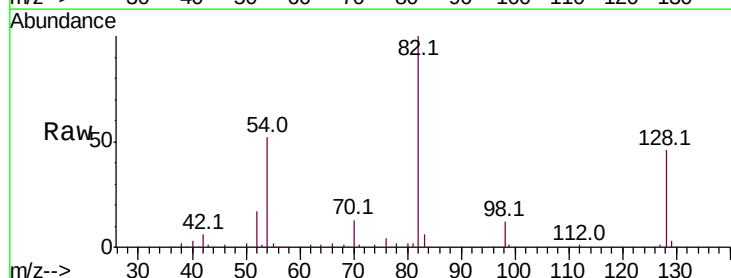
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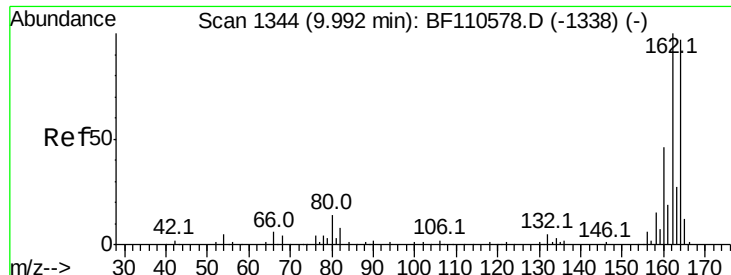
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#23
Nitrobenzene-d5
Concen: 37.387 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	34.2	51.2	
54	51.6	38.6	58.0	





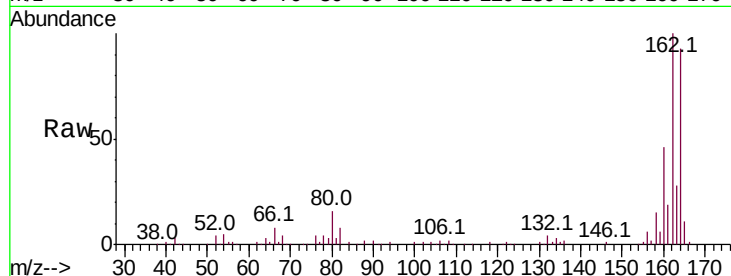
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

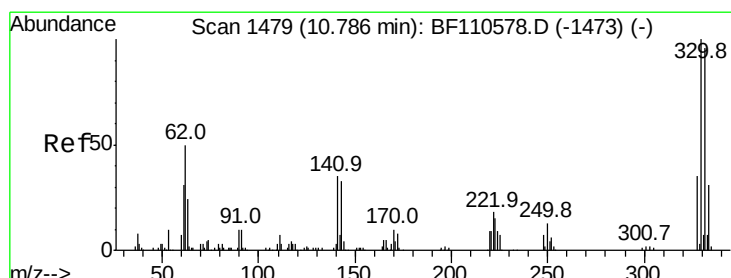
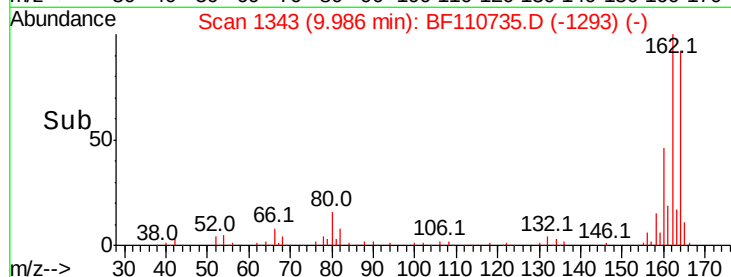
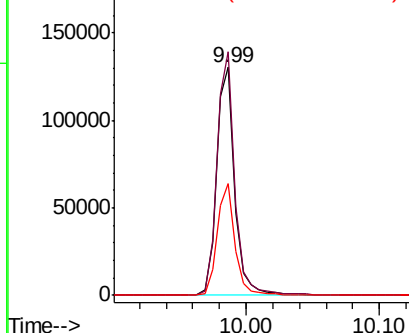
Tot Ion	Ratio	Resp	Lower	Upper
164	100	124430		
162	107.0	83.0	124.6	
160	49.0	37.0	55.6	

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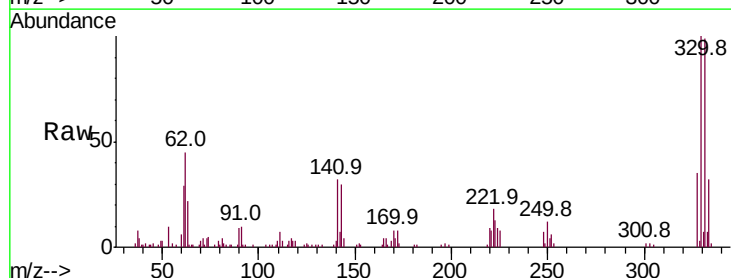


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

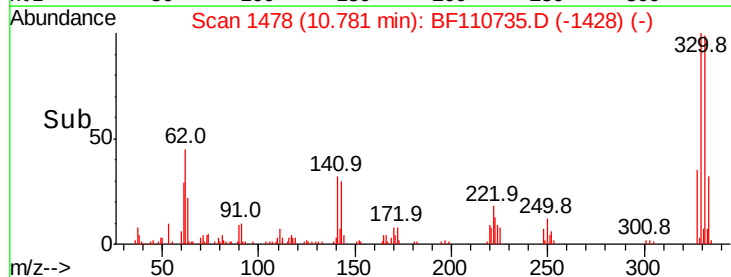
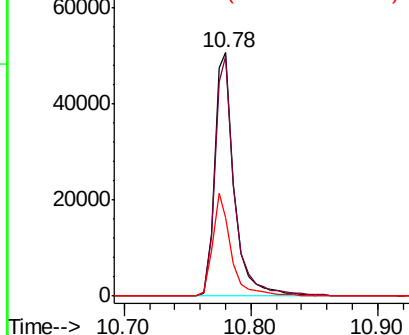


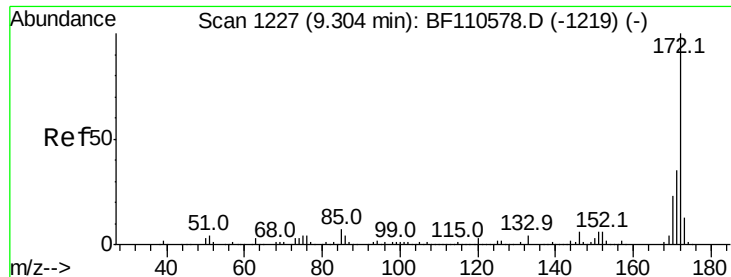
#42
2,4,6-Tribromophenol
Concen: 44.244 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	55473		
332	97.7	77.1	115.7	
141	40.0	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





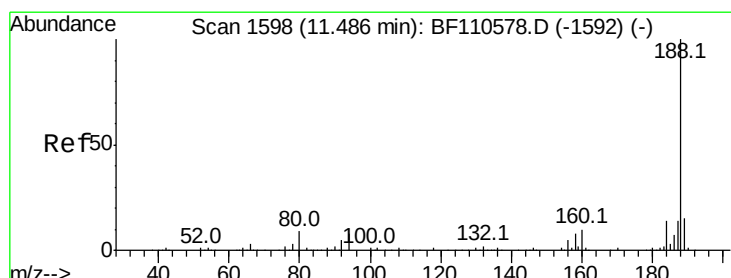
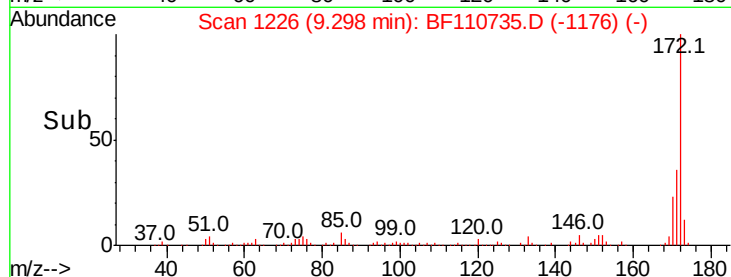
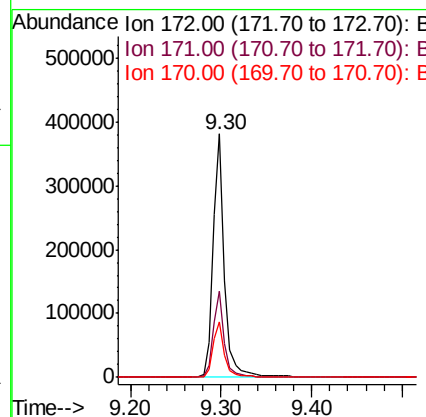
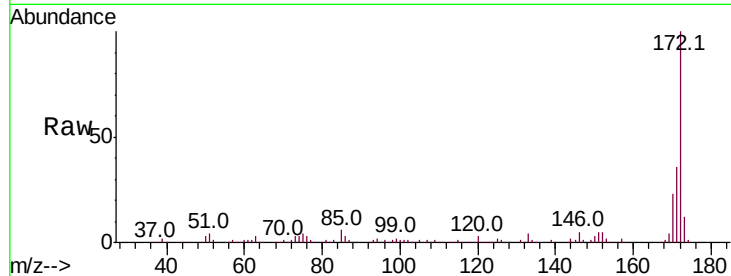
#45
 2-Fluorobiphenyl
 Concen: 38.886 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110735.D
 Acq: 13 Nov 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111218-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	338796		
171	35.6		28.6	43.0
170	22.6		19.7	29.5

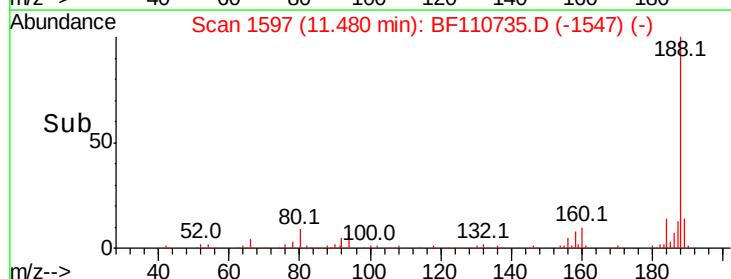
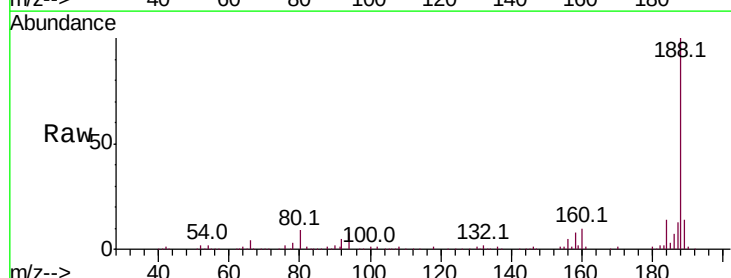
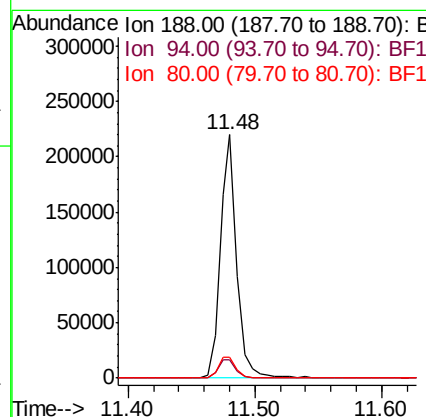
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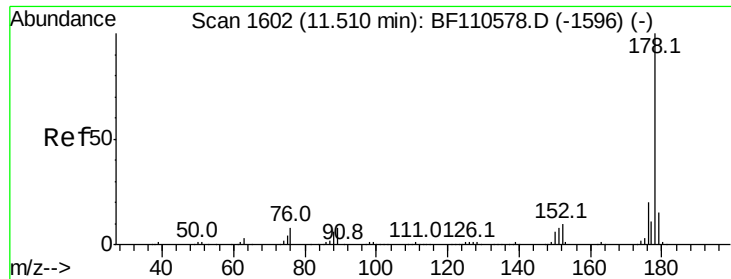
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110735.D
 Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	199039		
94	7.6		7.2	10.8
80	8.5		7.9	11.9





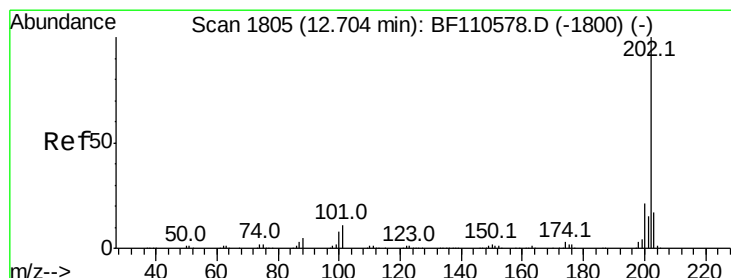
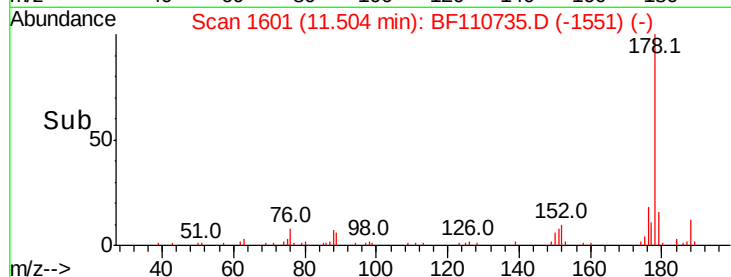
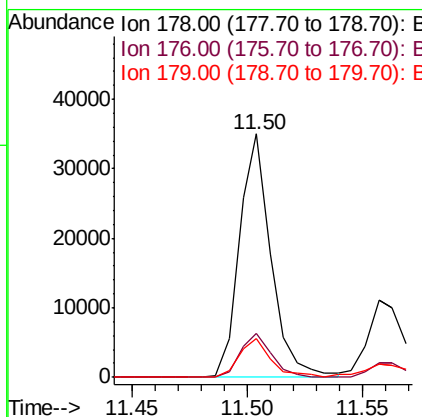
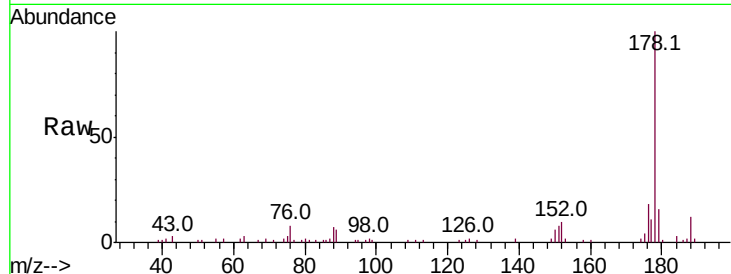
#71
Phenanthrene
Concen: 3.132 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.9	12.5	18.7

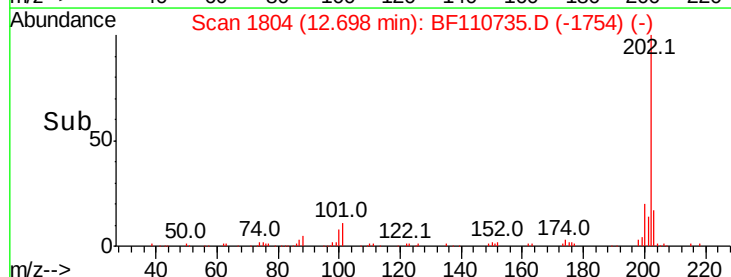
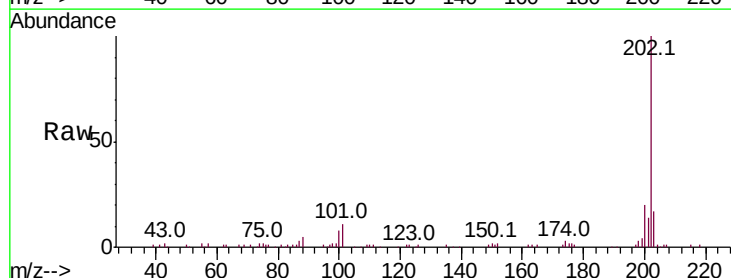
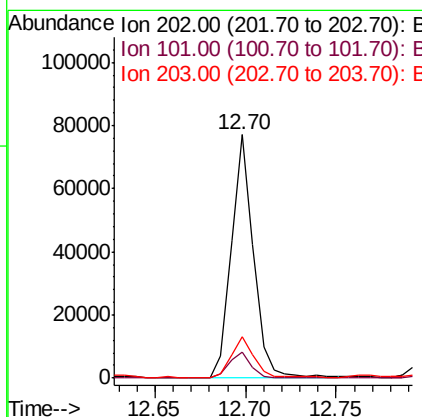
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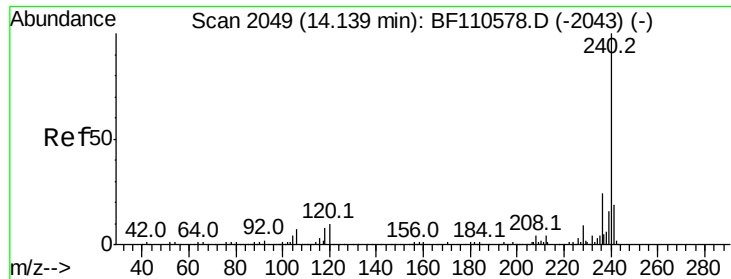
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#75
Fluoranthene
Concen: 6.208 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.2	0.0	37.7





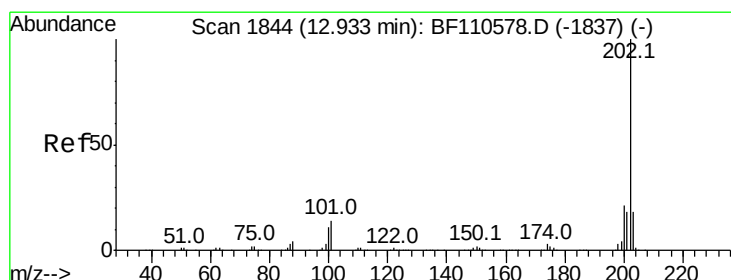
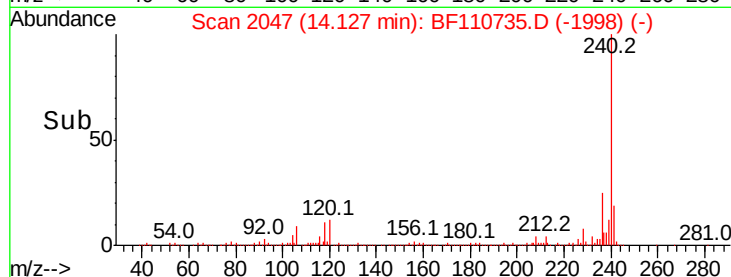
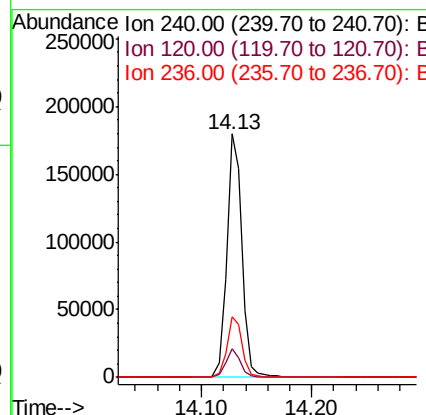
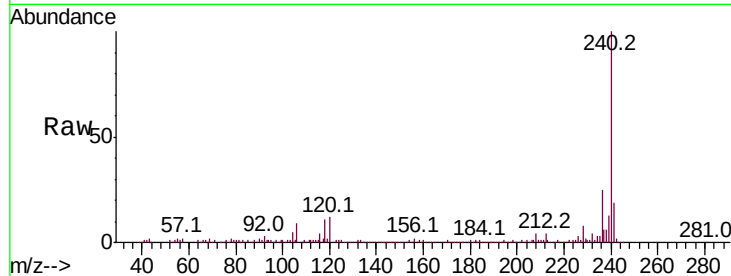
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110735.D
 Acq: 13 Nov 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.1	21.2	31.8

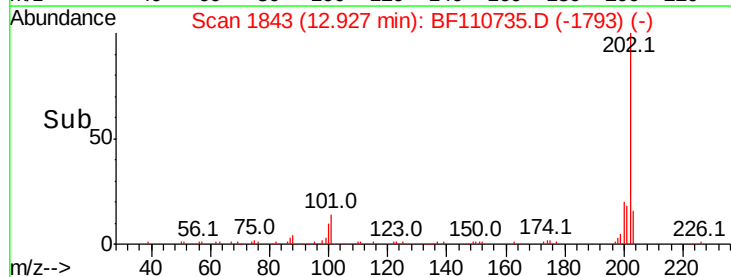
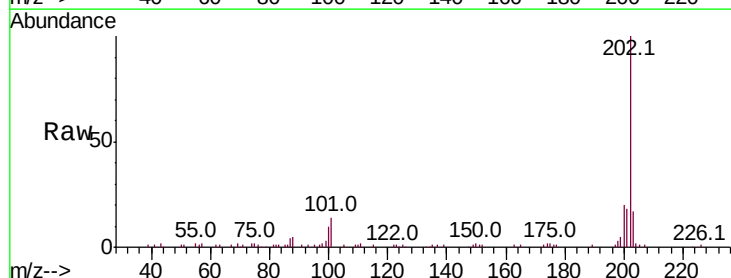
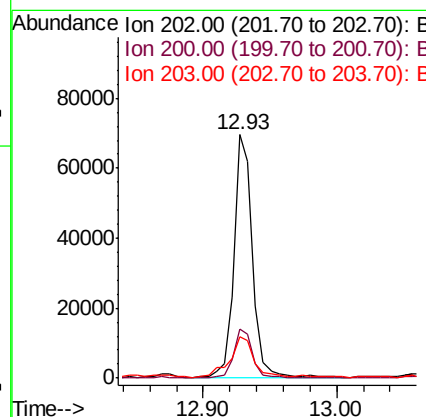
Manual Integrations
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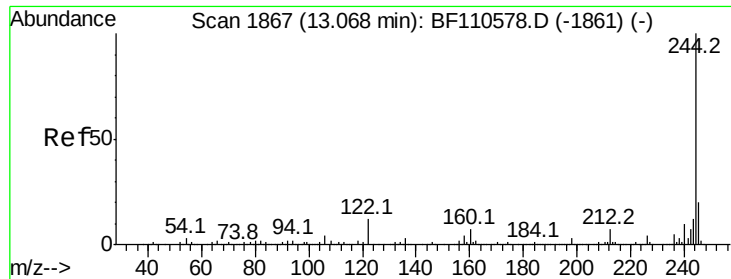
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#78
 Pyrene
 Concen: 5.180 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF110735.D
 Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.2	14.2	21.4





#79

Terphenyl-d14

Concen: 28.449 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Instrument :

BNA_F

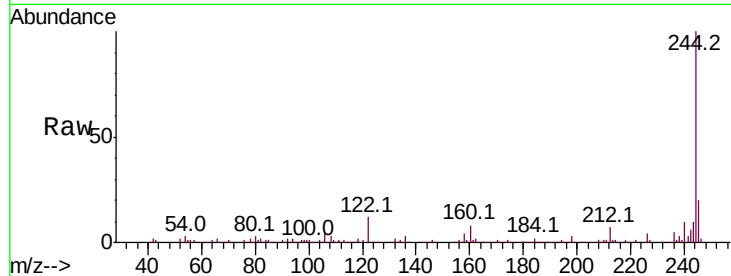
ClientSampleId :

OR-01-111218-A

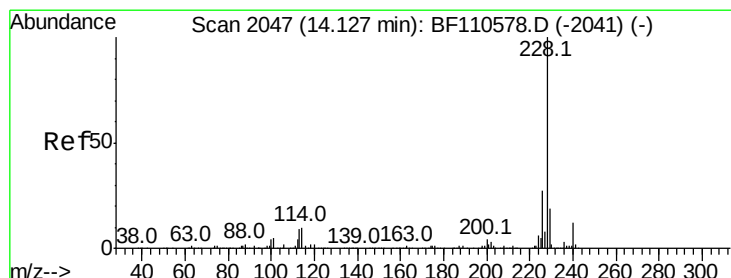
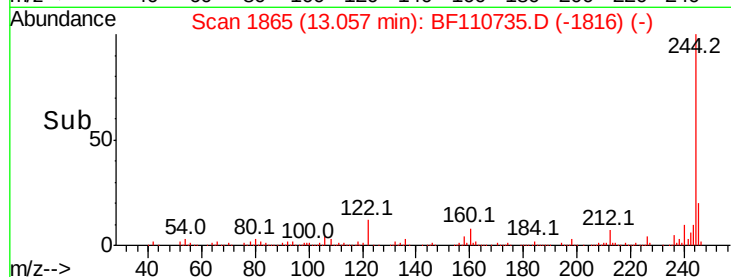
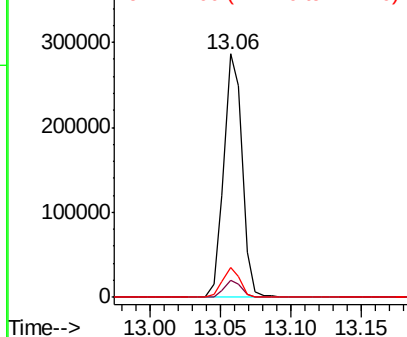
Tot Ion:	244	Resp:	260588
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	12.4	8.7	13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.345 ng

RT: 14.12 min Scan# 2045

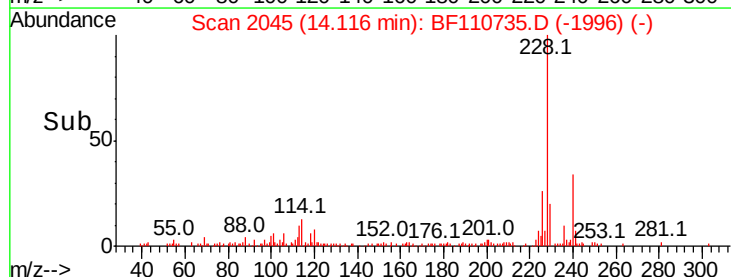
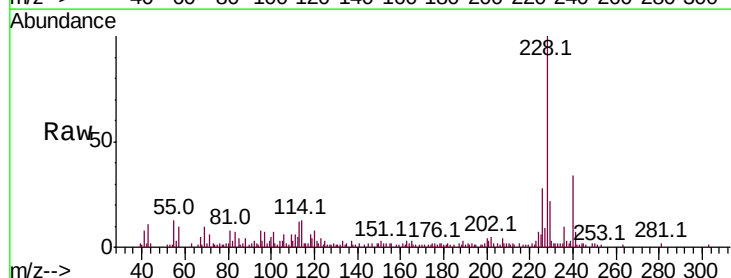
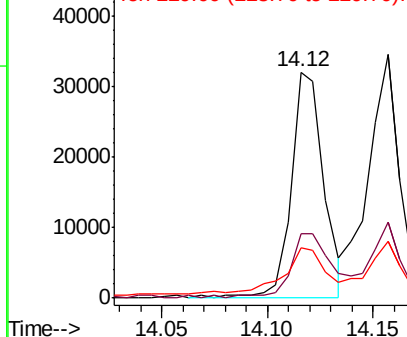
Delta R.T. -0.01 min

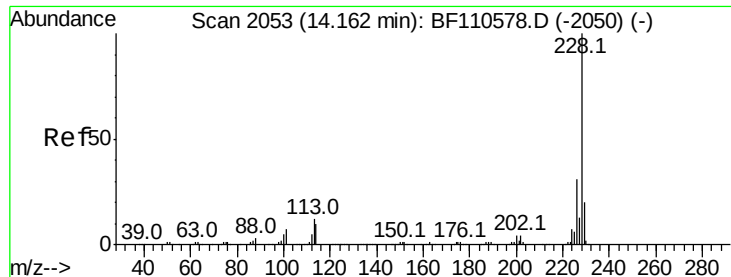
Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Tgt Ion:	228	Resp:	34296
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.1	33.1
229	22.5	15.6	23.4

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





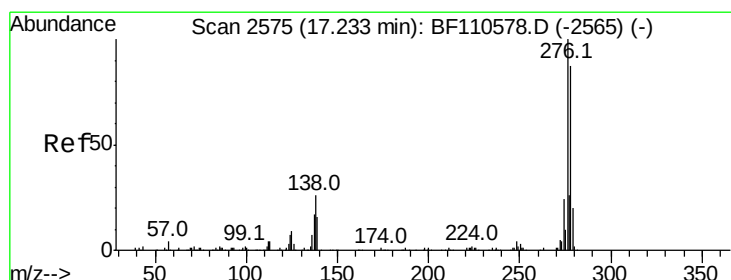
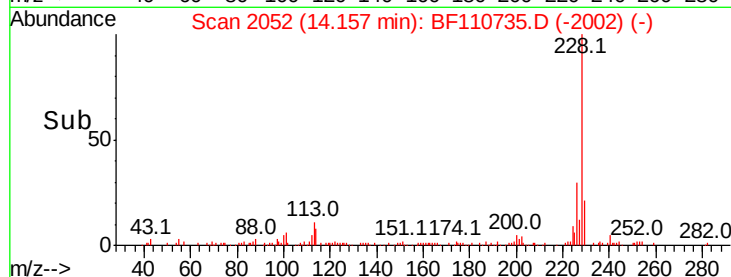
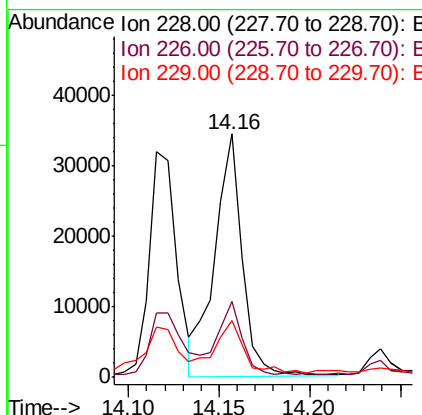
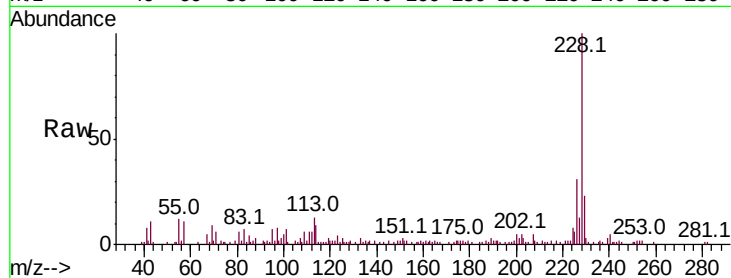
#83
Chrysene
Concen: 3.715 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	23.5	15.9	23.9

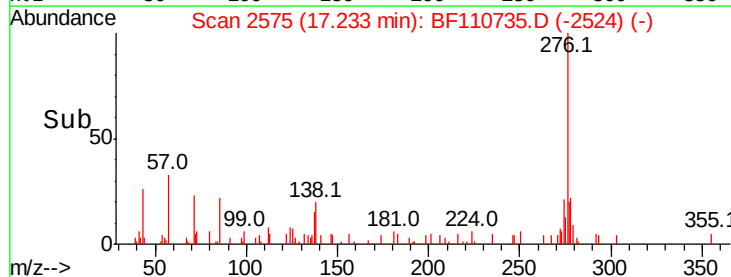
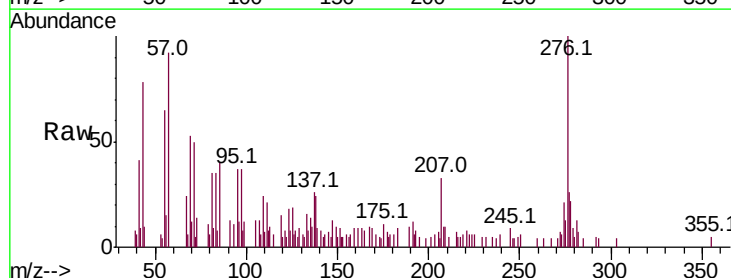
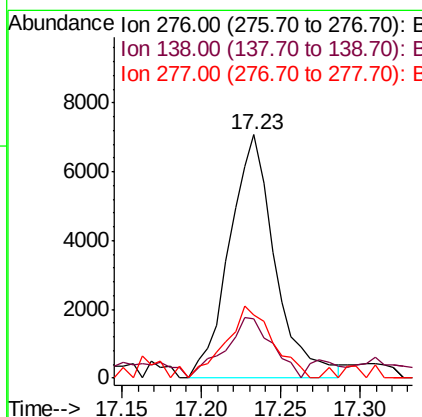
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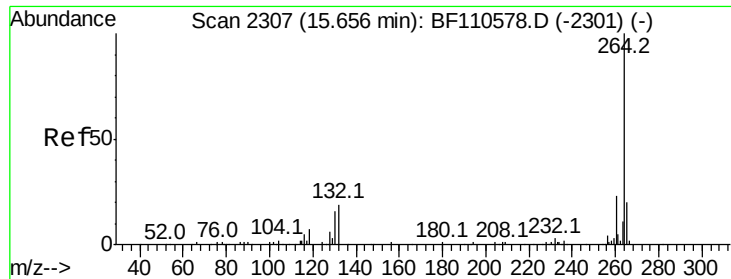
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.013 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.5	27.7
277	30.2	20.0	30.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Instrument :

BNA_F

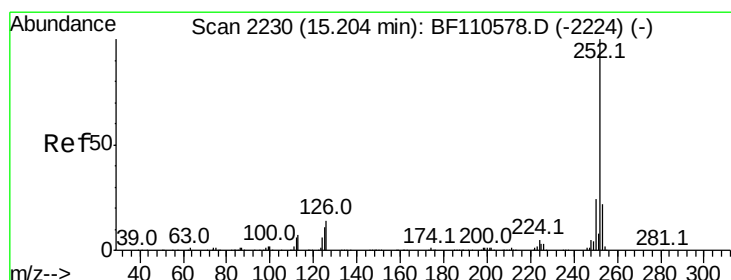
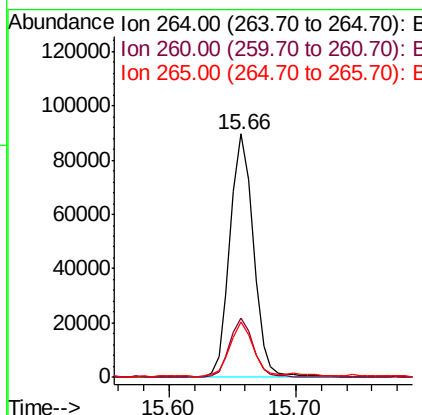
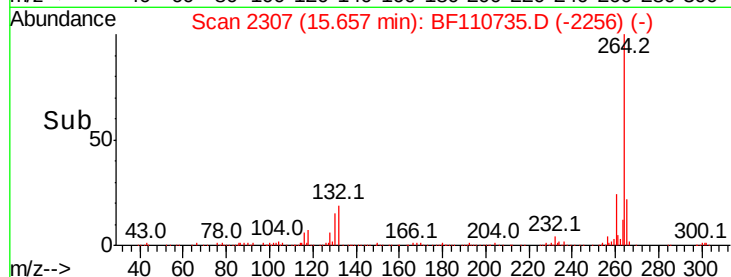
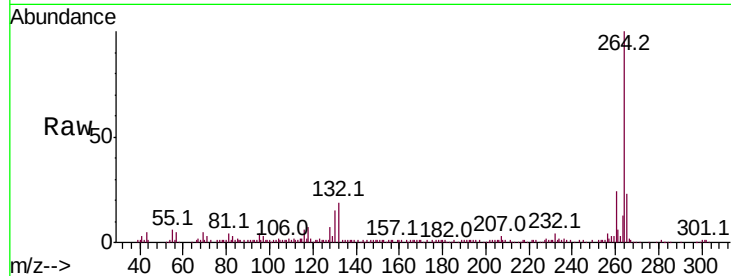
ClientSampleId :

OR-01-111218-A

Tot Ion:	264	Resp:	115898
Ion Ratio		Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.6	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 4.733 ng m

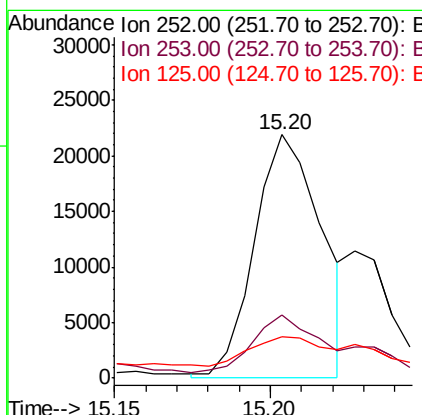
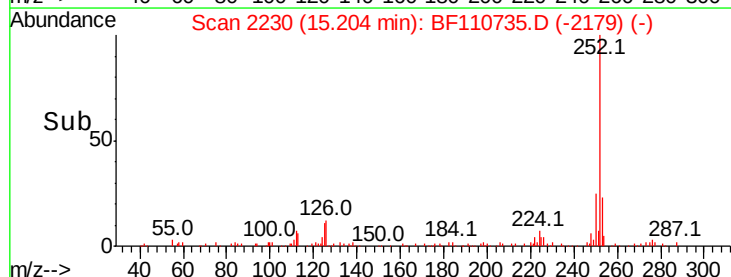
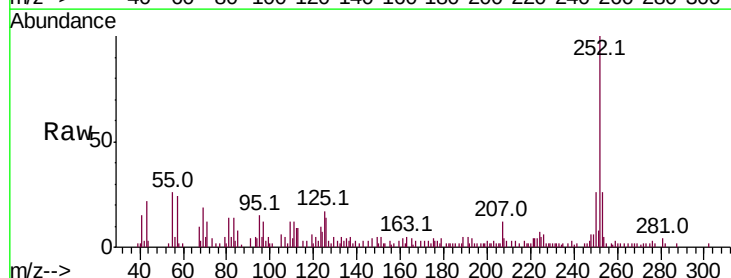
RT: 15.20 min Scan# 2230

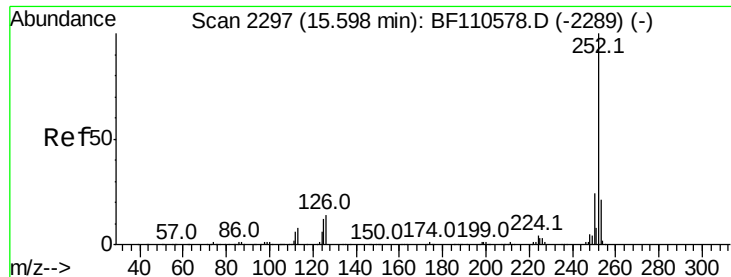
Delta R.T. 0.00 min

Lab File: BF110735.D

Acq: 13 Nov 2018 22:38

Tgt Ion:	252	Resp:	32817
Ion Ratio		Lower	Upper
252	100		
253	25.7	17.2	25.8
125	16.8	8.2	12.4#





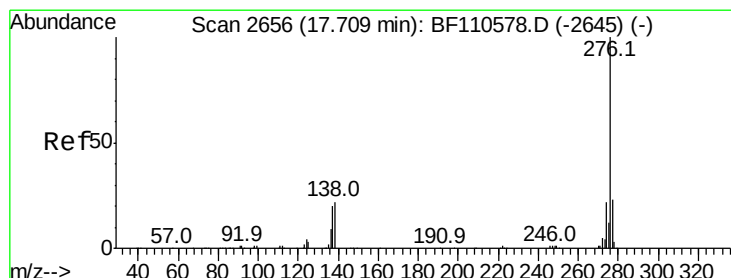
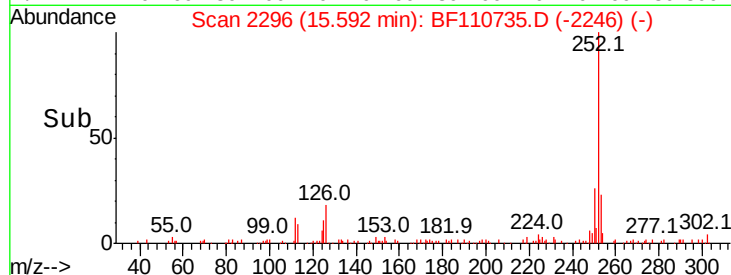
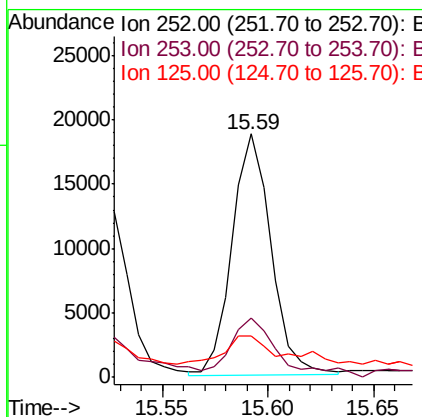
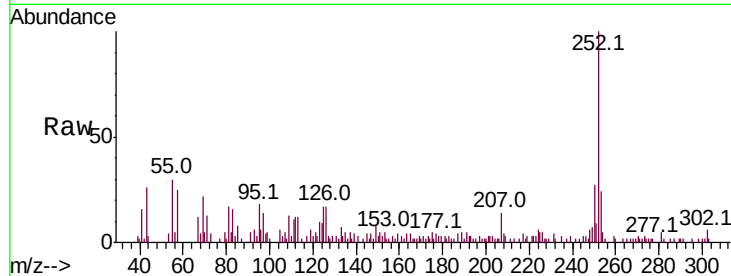
#90
Benzo(a)pyrene
Concen: 3.819 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.4
125	16.8	9.0	13.6

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#92
Benzo(g,h,i)perylene
Concen: 2.483 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110735.D
Acq: 13 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.8	28.2
138	26.8	16.0	24.0

