

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110864.D
 Acq On : 19 Nov 2018 20:15
 Operator : JU/SJ
 Sample : J5993-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

Manual Integrations
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Sohil
 11/20/2018 11:57:10 AM

Quant Time: Nov 20 04:36:21 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	6.94	152	52970	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	210426	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	89303	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	132741	20.00	ng	0.00
76) Chrysene-d12	14.14	240	113069	20.00	ng	0.00
87) Perylene-d12	15.67	264	75765	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	139743	42.85	ng	0.00
7) Phenol-d6	6.57	99	400163	95.96	ng	0.00
23) Nitrobenzene-d5	7.51	82	283400	77.56	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	19618	21.80	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	474493	75.88	ng	0.00
79) Terphenyl-d14	13.06	244	378078	62.62	ng	0.00
Target Compounds						
10) Phenol	6.58	94	22245	4.600	ng	81
37) 2-Methylnaphthalene	8.94	142	24733	3.819	ng	97
38) 1-Methylnaphthalene	9.04	142	18236	2.928	ng	# 93
50) Dimethylphthalate	9.69	163	29969	4.497	ng	# 97
71) Phenanthrene	11.50	178	44159	6.209	ng	# 94
75) Fluoranthene	12.70	202	36501	5.119	ng	97
78) Pyrene	12.93	202	57179m	6.568	ng	
81) Benzo(a)anthracene	14.13	228	19737	2.920	ng	# 68
83) Chrysene	14.16	228	24722	3.840	ng	# 81
84) Bis(2-ethylhexyl)phthalate	14.07	149	23066	4.962	ng	# 94
88) Benzo(b)fluoranthene	15.22	252	10838m	2.391	ng	
90) Benzo(a)pyrene	15.60	252	10434	2.534	ng	# 67
92) Benzo(a,h,i)perylene	17.74	276	10190	2.947	ng	# 74

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

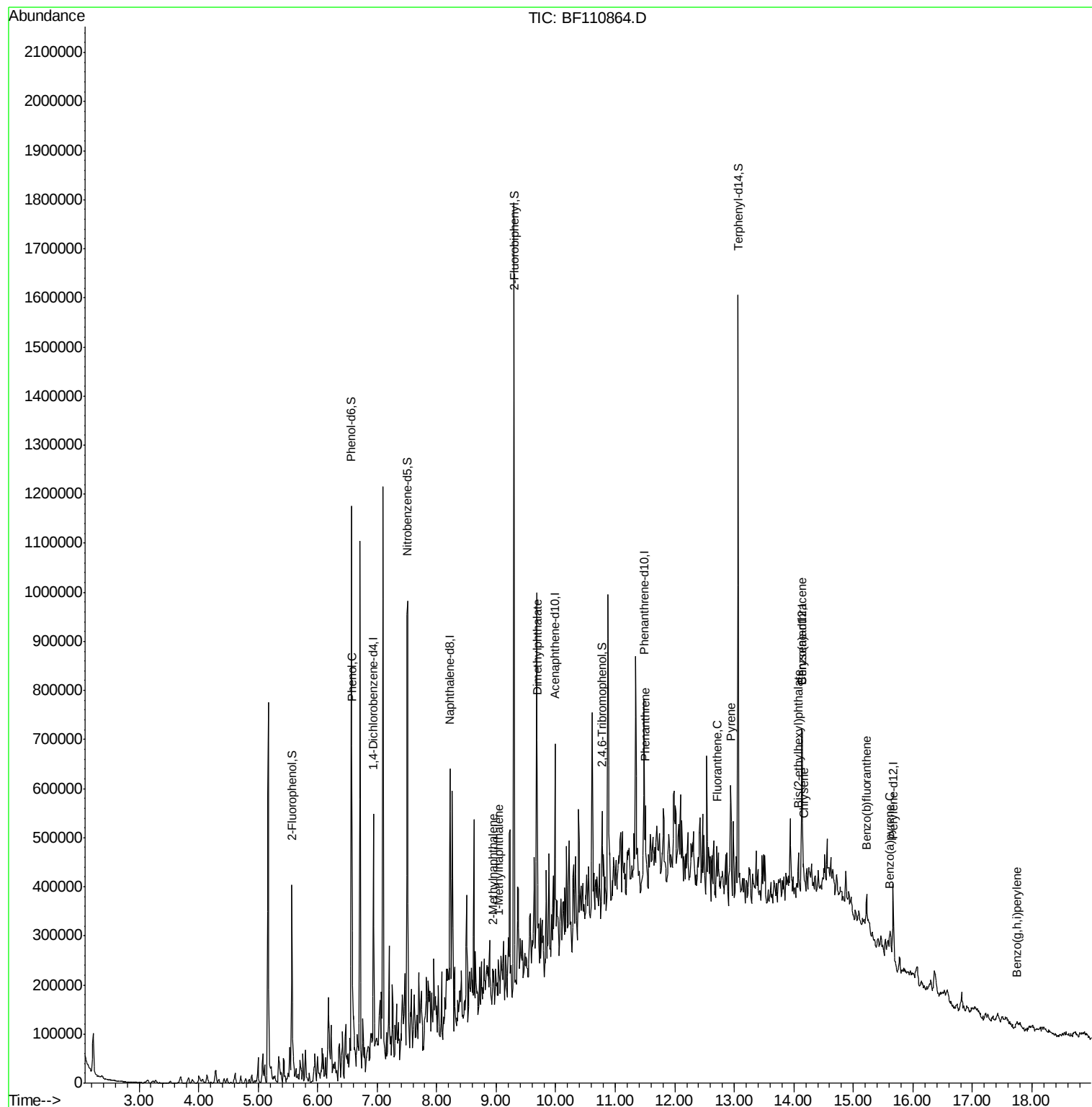
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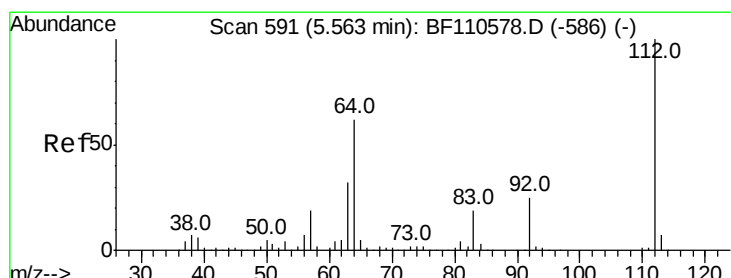
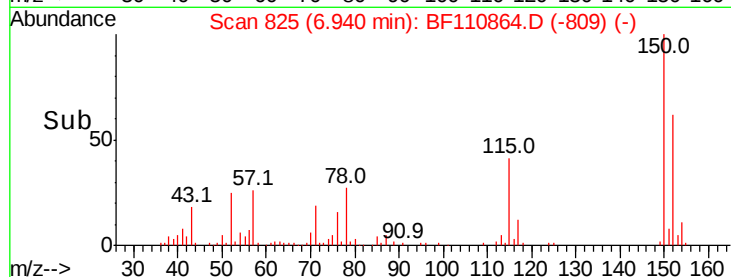
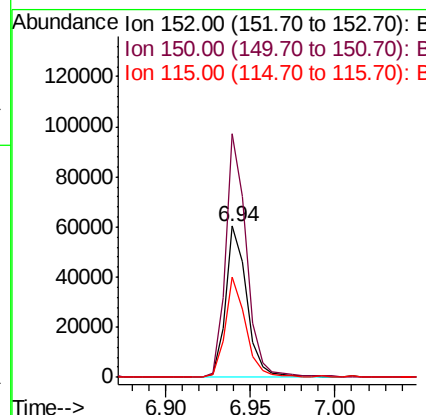
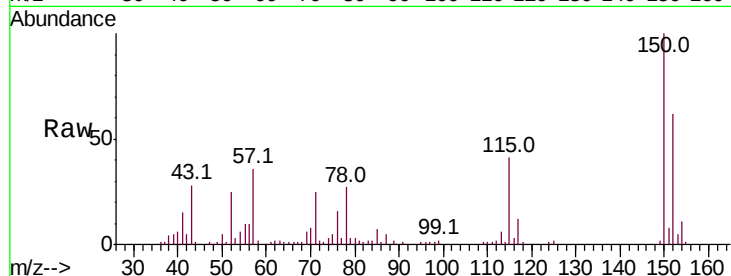
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110864.D
 Acq: 19 Nov 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	122.7	184.1
115	66.2	49.1	73.7

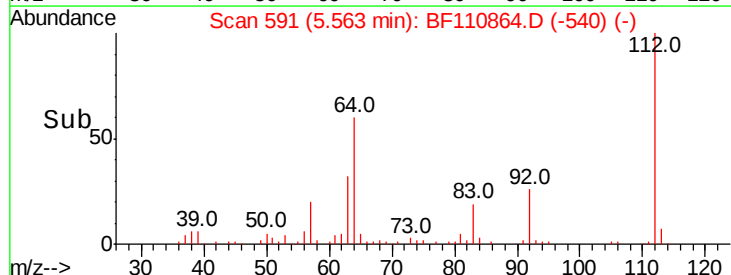
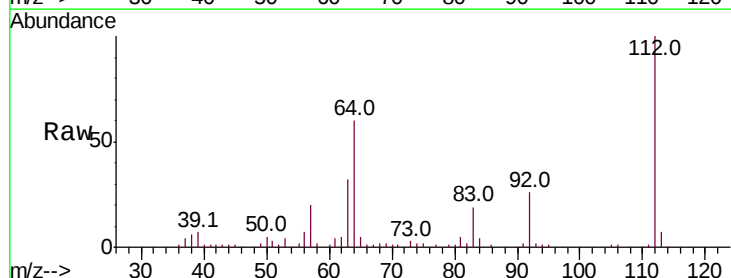
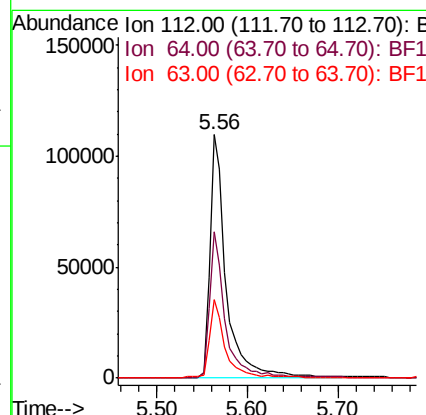
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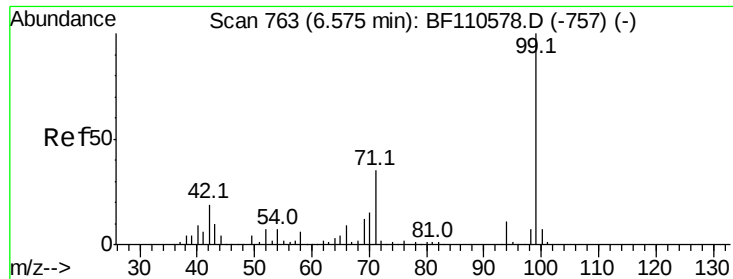
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#5
 2-Fluorophenol
 Concen: 42.852 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110864.D
 Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 95.960 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Instrument :

BNA_F

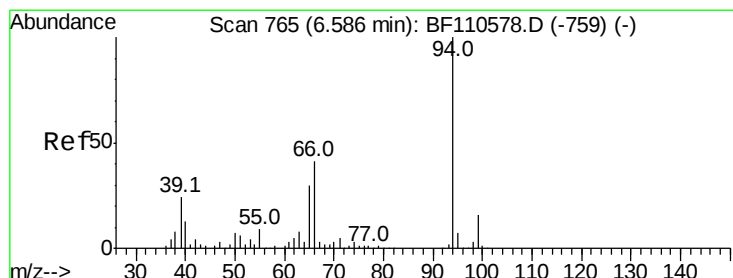
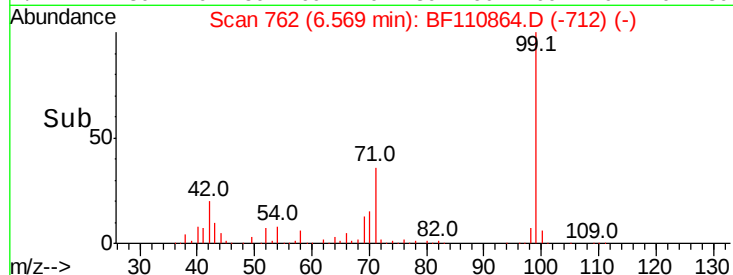
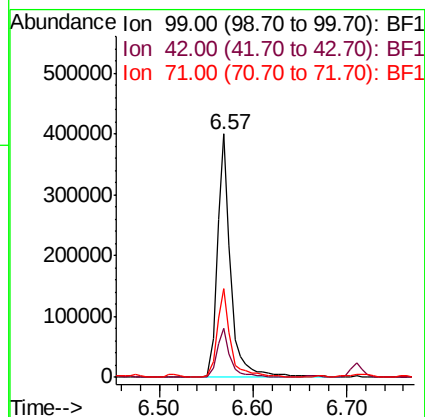
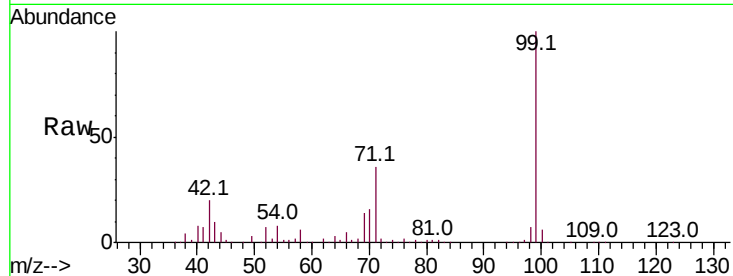
ClientSampleId :

20180929-AMENDED-WCC-2-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		400163		
42	20.3	15.8	23.6		
71	36.3	28.0	42.0		

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#10

Phenol

Concen: 4.600 ng

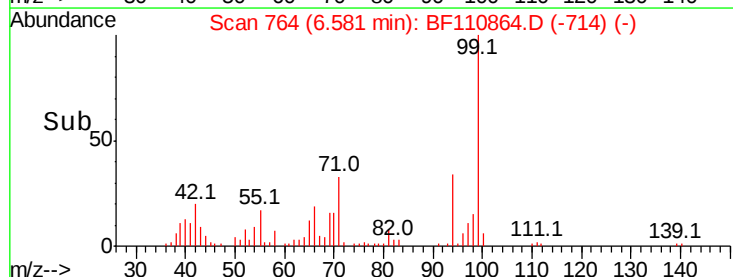
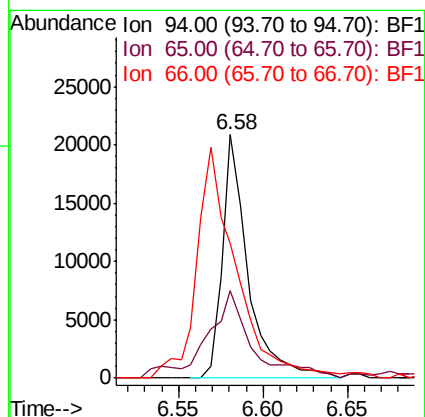
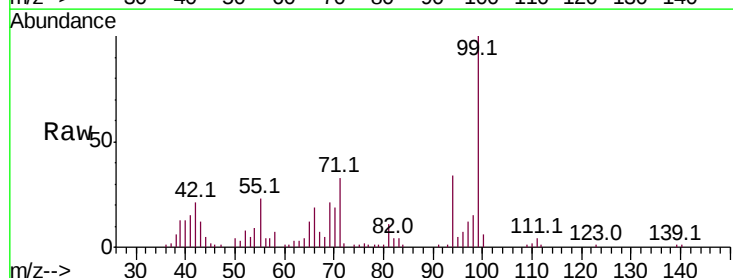
RT: 6.58 min Scan# 764

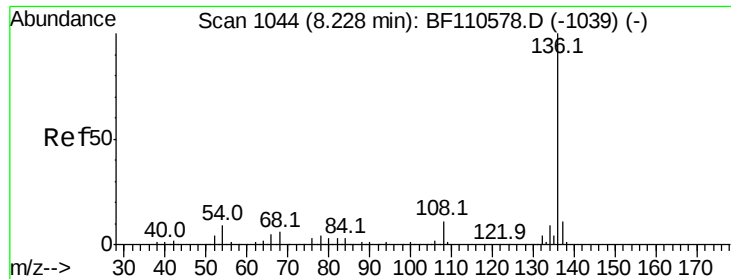
Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		22245		
65	36.2	25.3	65.3		
66	55.3	54.5	94.5		





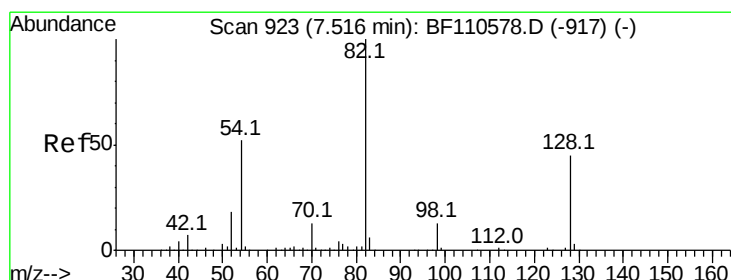
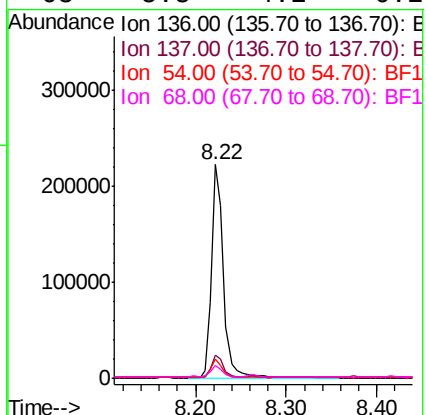
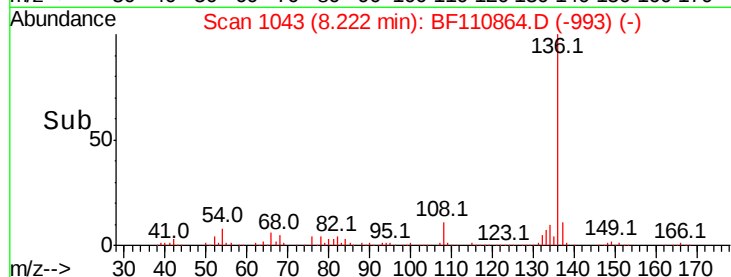
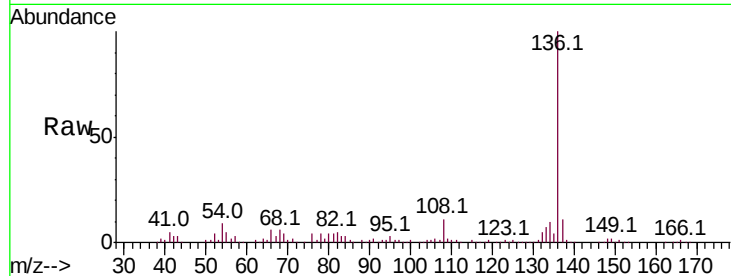
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Instrument :
BNA_F
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	5.4	8.2#
68	5.8	4.2	6.2

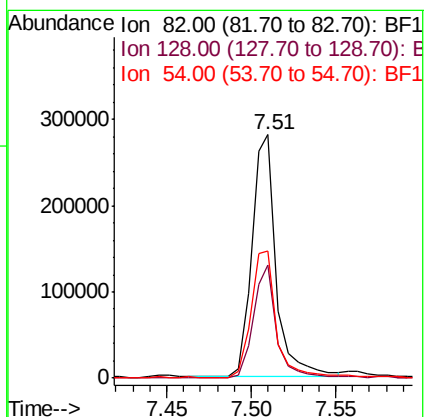
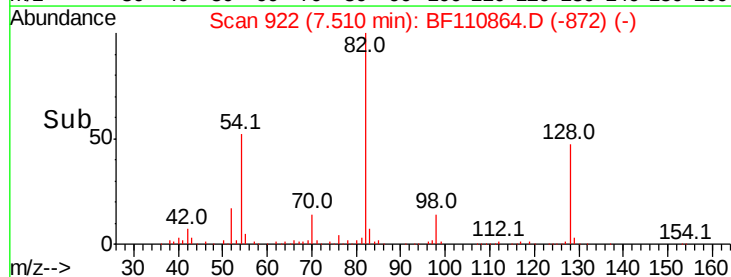
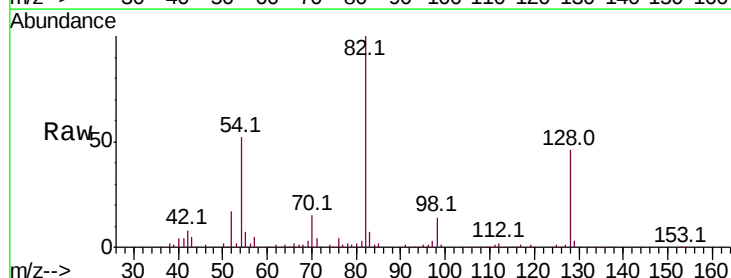
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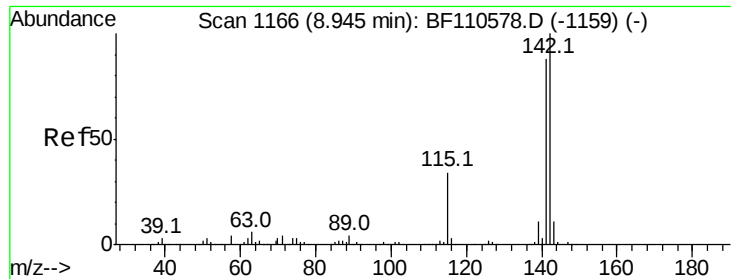
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#23
Nitrobenzene-d5
Concen: 77.561 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.0	38.6	58.0





#37

2-Methylnaphthalene

Concen: 3.819 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

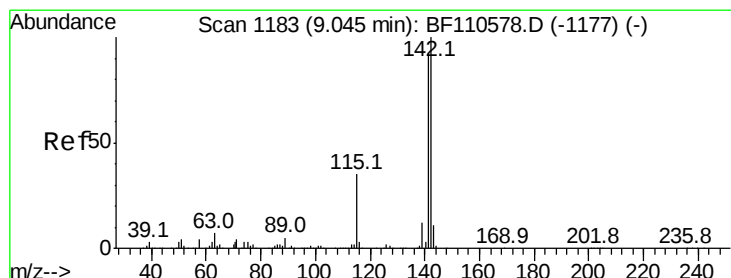
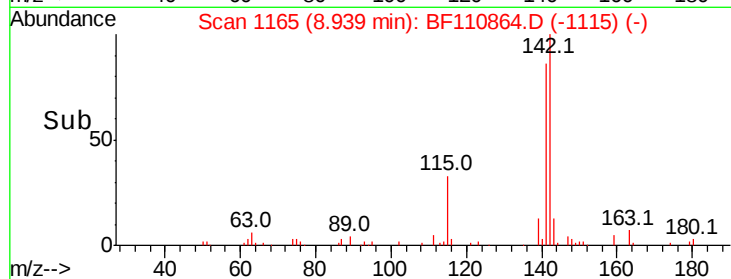
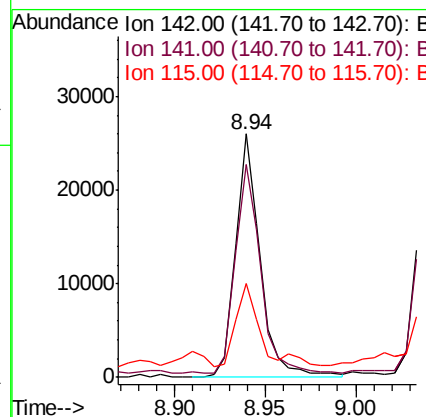
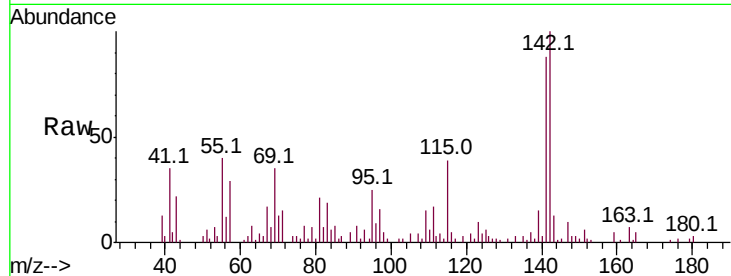
Instrument :
BNA_F

ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
142	100	24733		
141	87.7		71.4	107.2
115	38.8		28.7	43.1

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#38

1-Methylnaphthalene

Concen: 2.928 ng

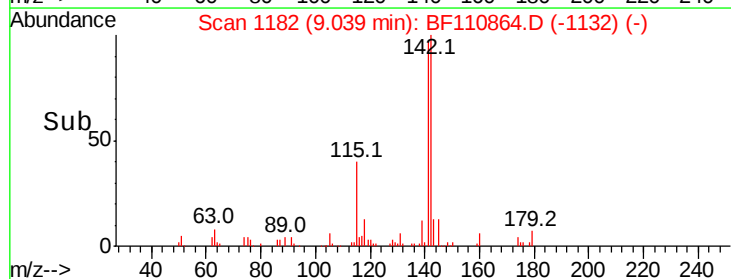
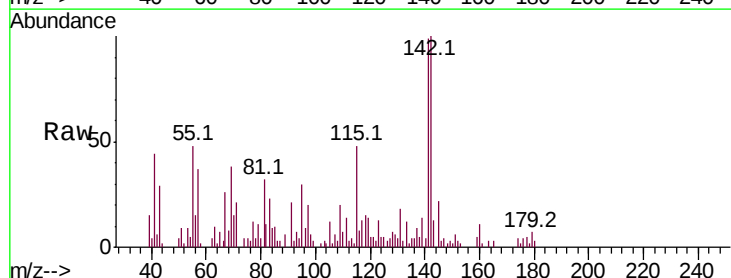
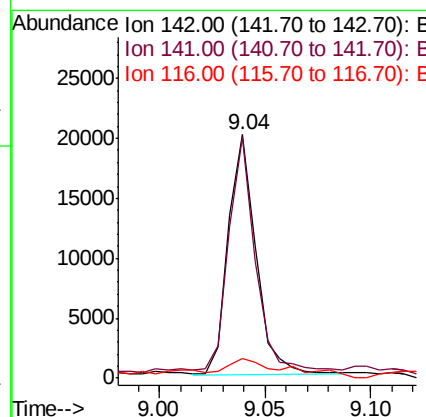
RT: 9.04 min Scan# 1182

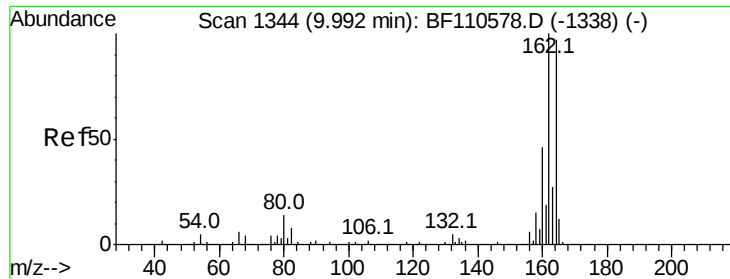
Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	18236		
141	98.9		74.2	111.4
116	7.9		2.6	4.0#





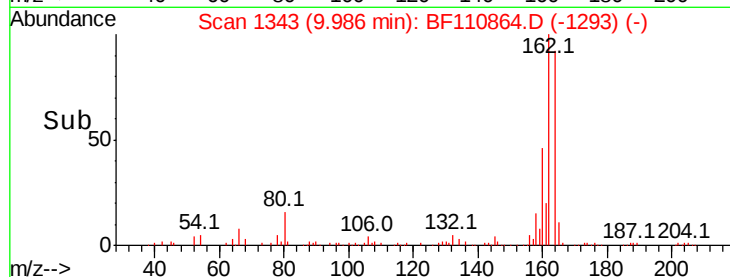
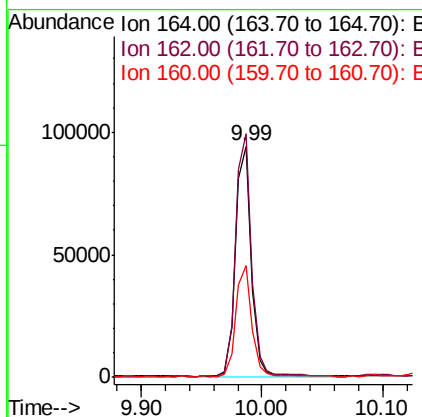
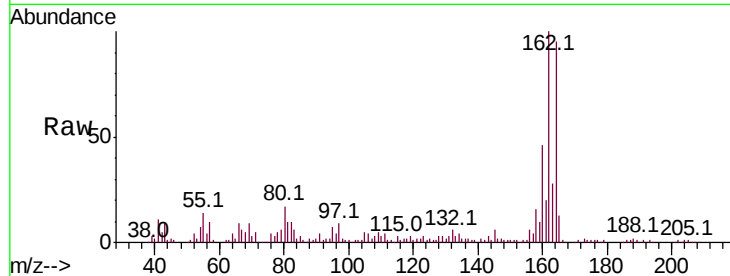
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Instrument :
BNA_F
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	83.0	124.6	
160	48.1	37.0	55.6	

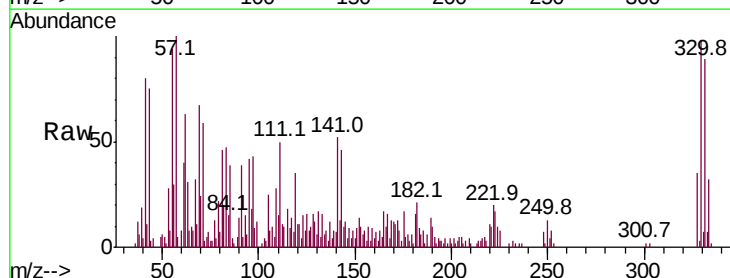
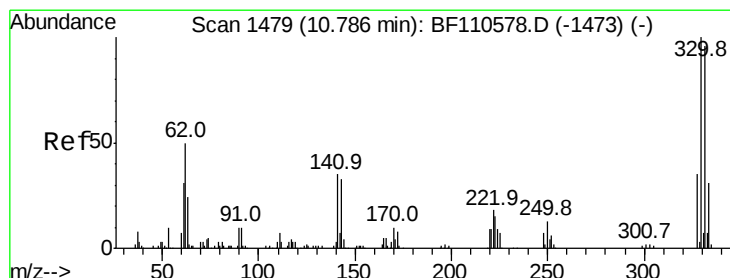
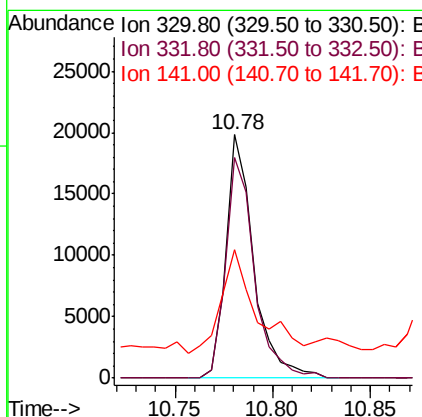
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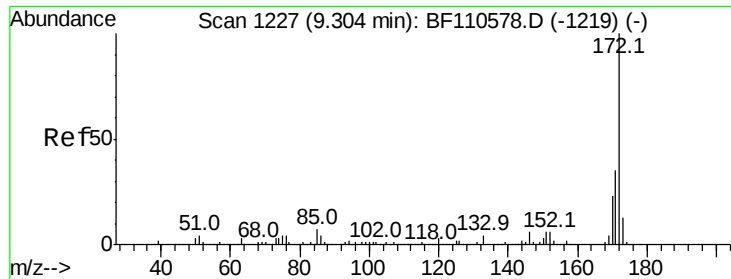
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#42
2,4,6-Tribromophenol
Concen: 21.802 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.6	77.1	115.7	
141	52.6	27.0	40.4#	





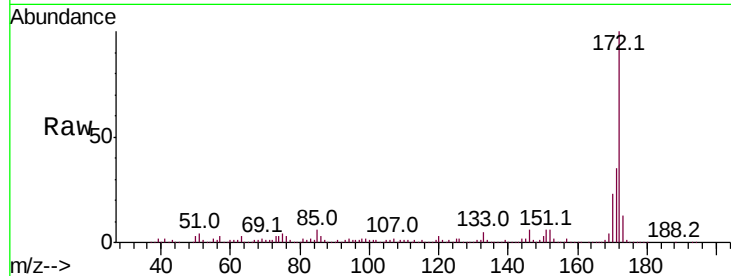
#45
2-Fluorobiphenyl
Concen: 75.883 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Instrument :
BNA_F
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.5	19.7	29.5

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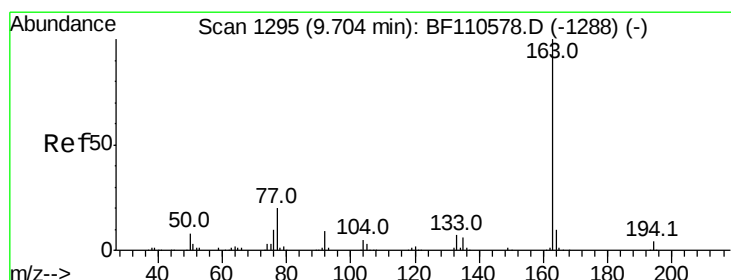
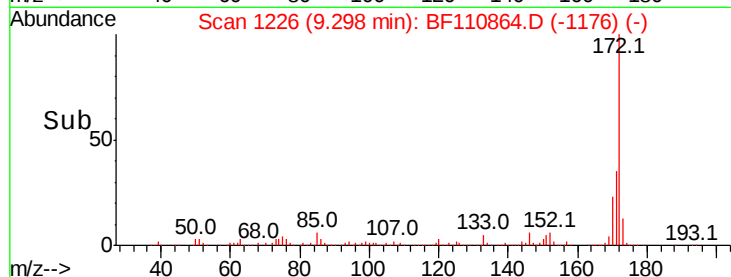
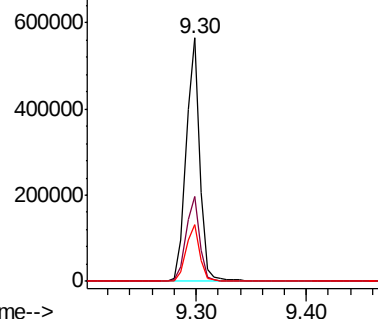


Abundance

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: 4.497 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

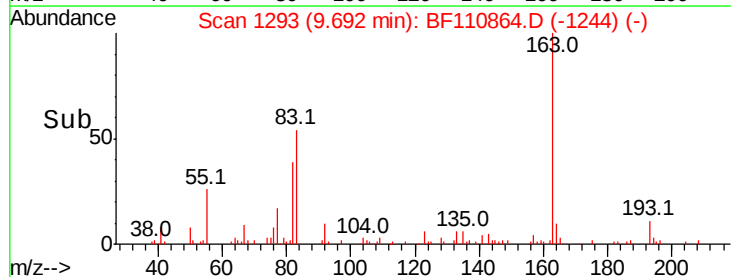
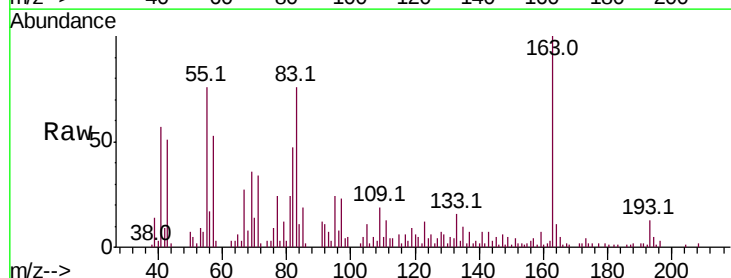
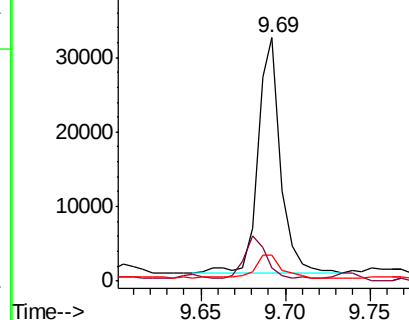
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.2	4.8#
164	10.9	8.1	12.1

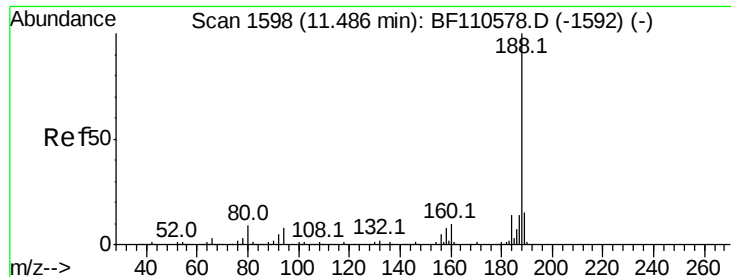
Abundance

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: BF110864.D

Acq: 19 Nov 2018 20:15

Instrument :

BNA_F

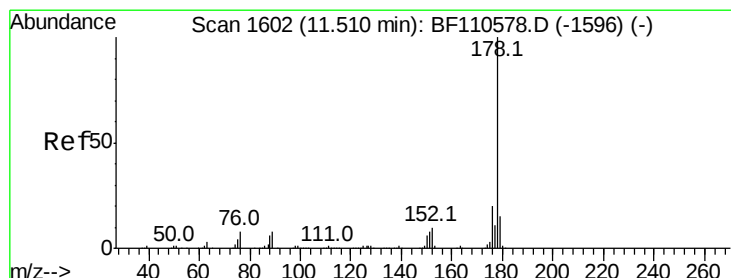
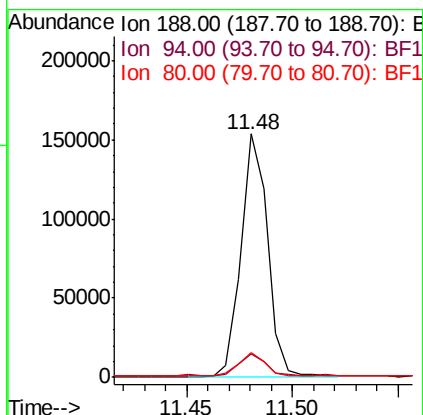
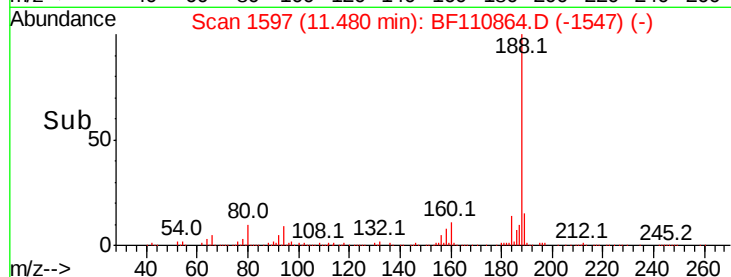
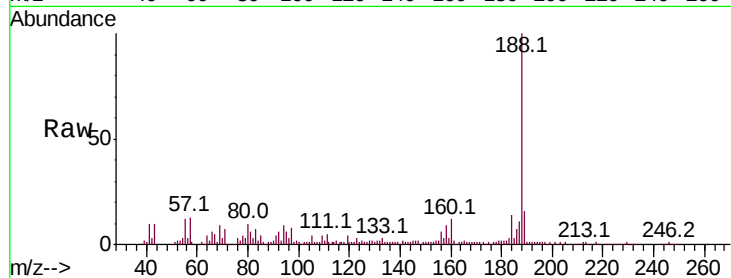
ClientSampleId :

20180929-AMENDED-WCC-2-COMP

Tot Ion:	188	Resp:	132741
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9

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#71

Phenanthrene

Concen: 6.209 ng

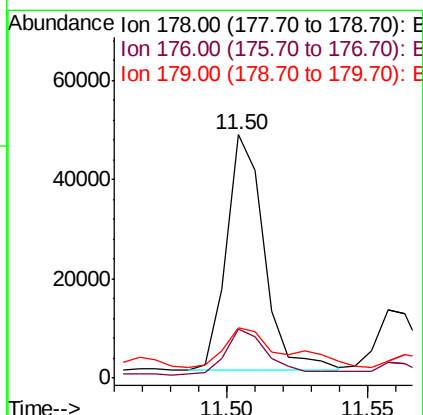
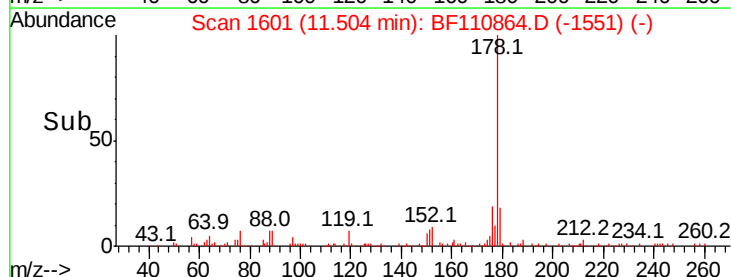
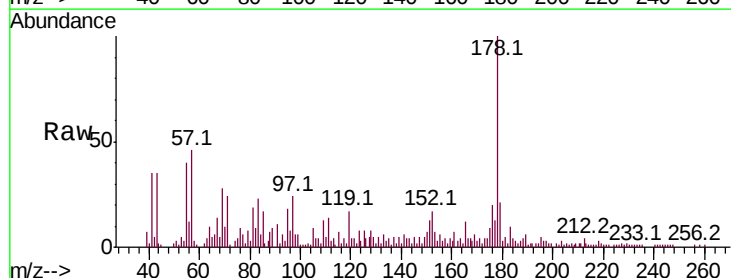
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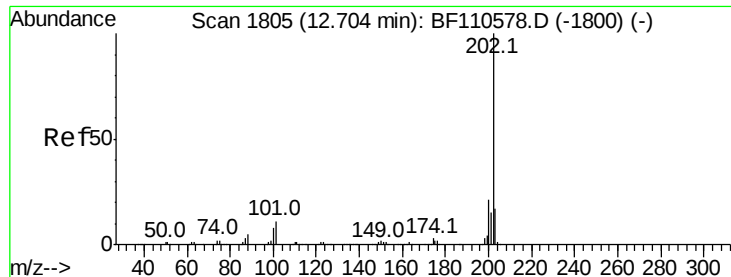
Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Tgt Ion:	178	Resp:	44159
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.5	23.3
179	20.7	12.5	18.7#





#75

Fluoranthene

Concen: 5.119 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Instrument :

BNA_F

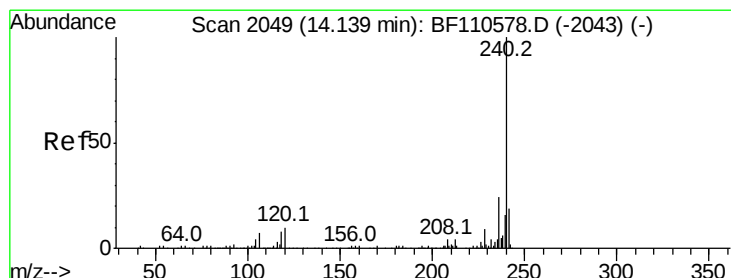
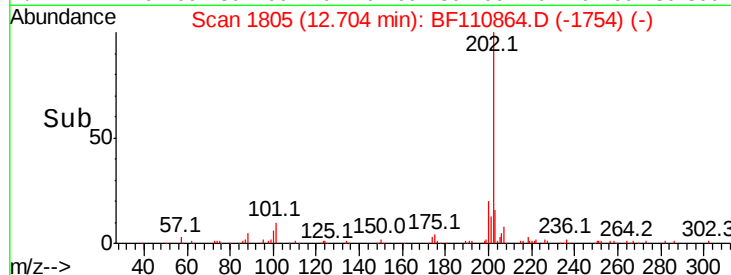
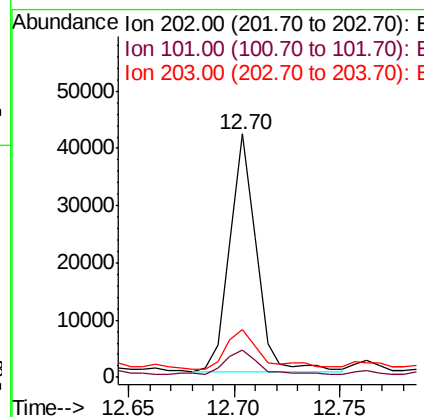
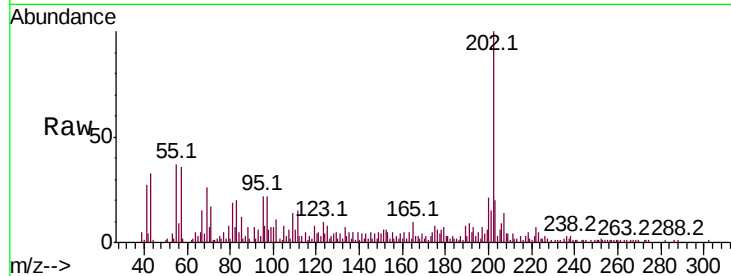
ClientSampleId :

20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	31.4
203	19.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

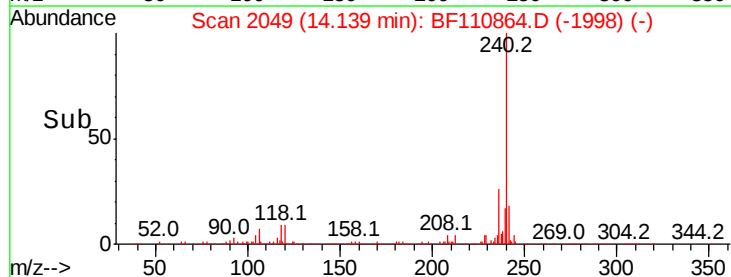
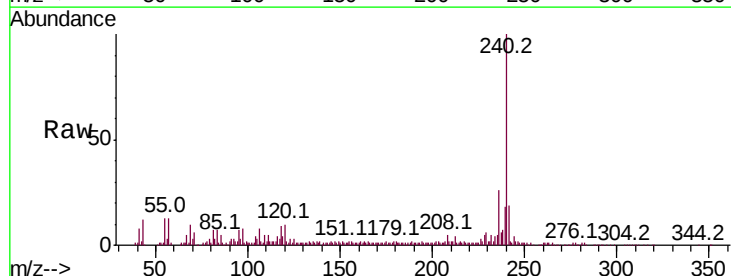
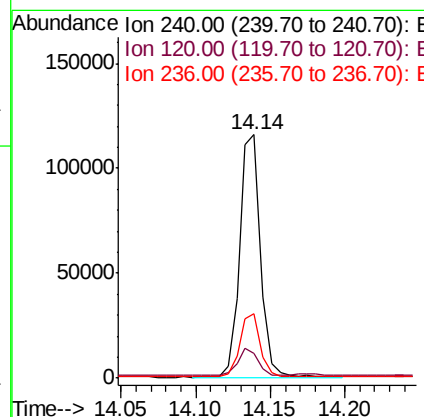
RT: 14.14 min Scan# 2049

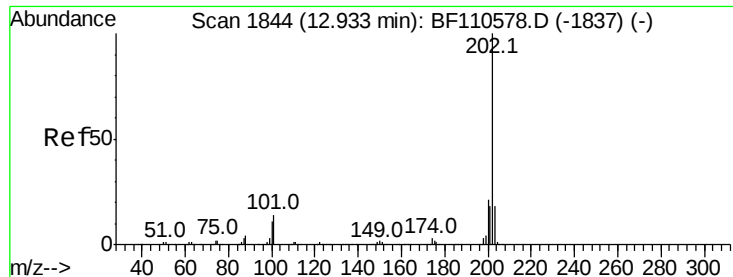
Delta R.T. 0.00 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.3	21.2	31.8





#78

Pvrene

Concen: 6.568 ng/mL

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Instrument :

BNA_F

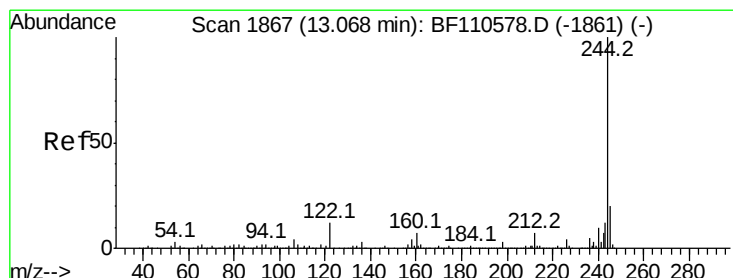
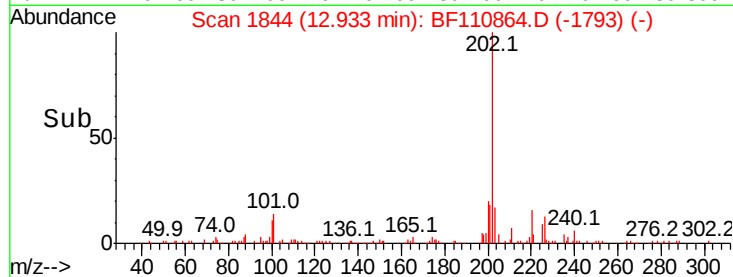
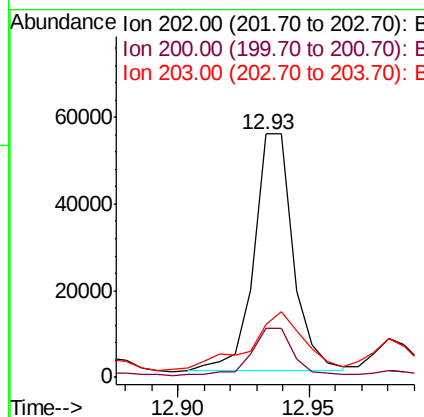
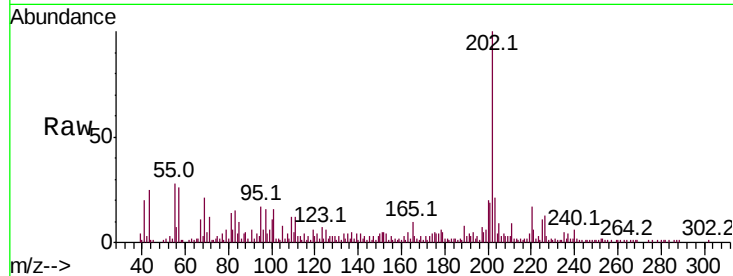
ClientSampleId :

20180929-AMENDED-WCC-2-COMP

Tot Ion:	202	Resp:	57179
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.8	26.6
203	21.5	14.2	21.4

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#79

Terphenyl-d14

Concen: 62.621 ng/mL

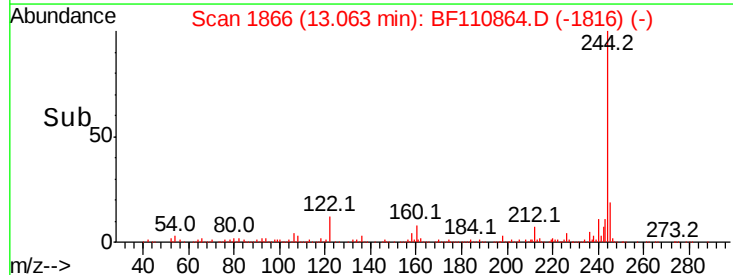
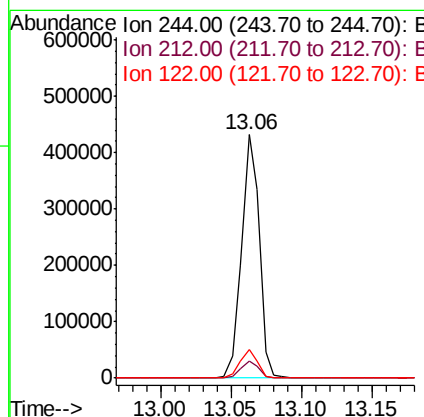
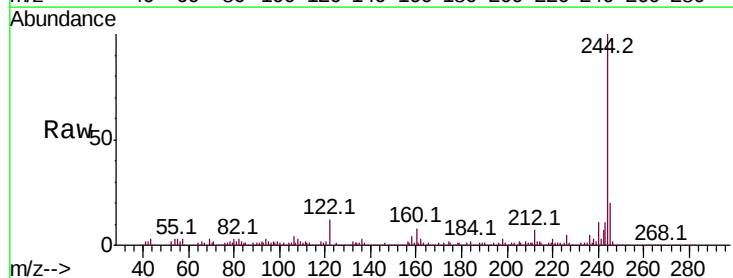
RT: 13.06 min Scan# 1866

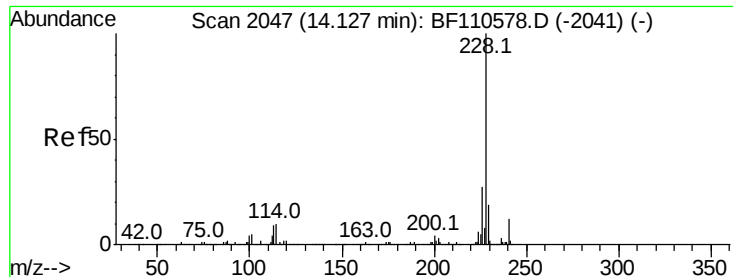
Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Tgt Ion:	244	Resp:	378078
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	11.9	8.7	13.1





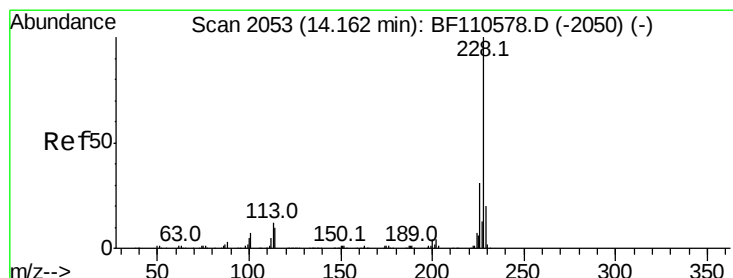
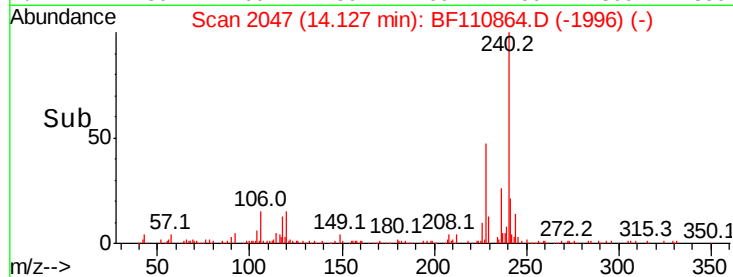
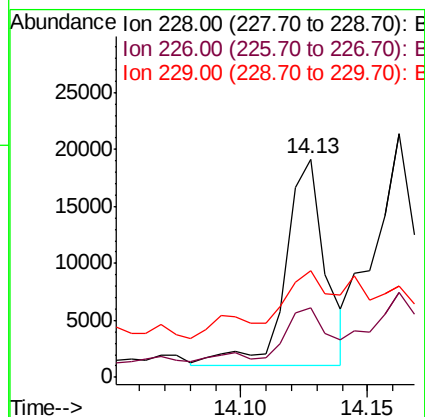
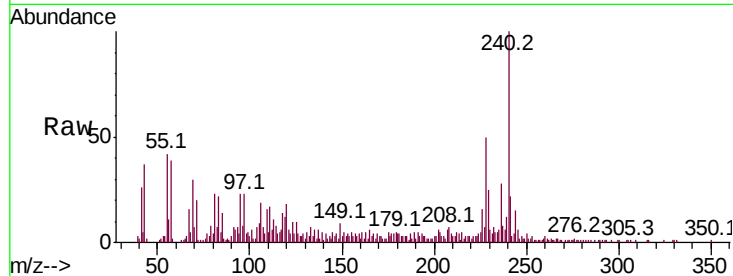
#81
Benzo(a)anthracene
Concen: 2.920 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Instrument :
BNA_F
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.1	33.1
229	48.9	15.6	23.4

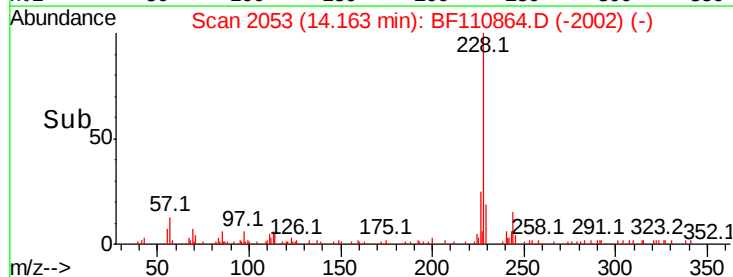
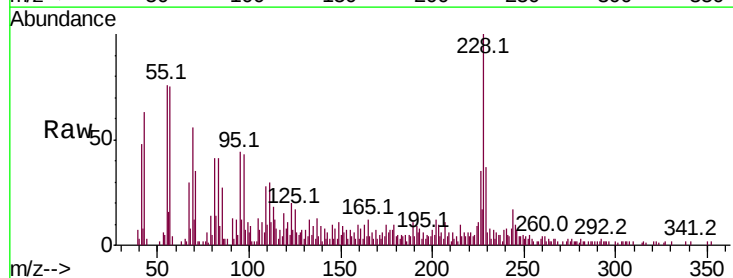
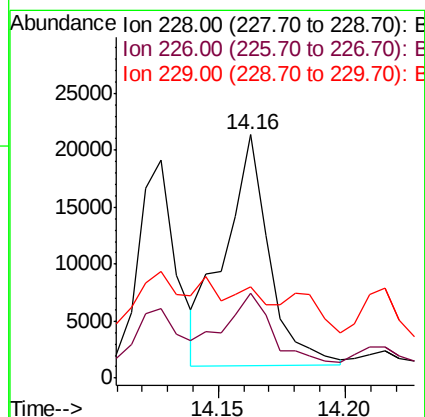
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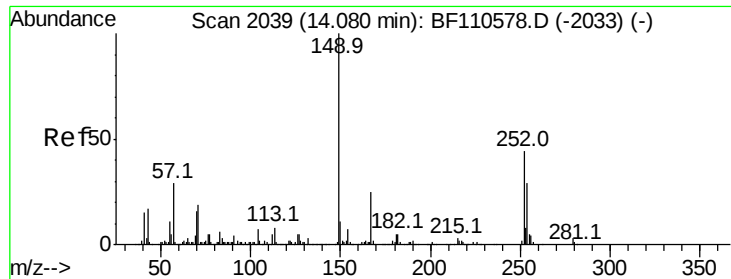
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#83
Chrysene
Concen: 3.840 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.7	37.1
229	37.5	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.962 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110864.D

Acq: 19 Nov 2018 20:15

Instrument :

BNA_F

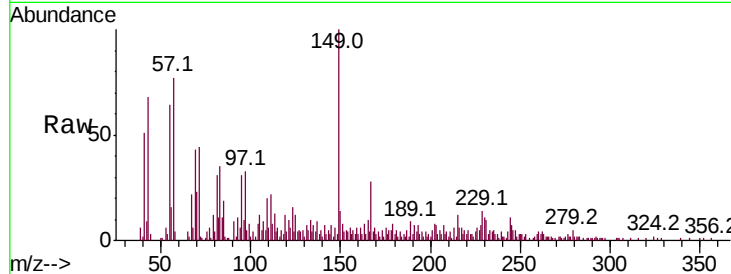
ClientSampleId :

20180929-AMENDED-WCC-2-COMP

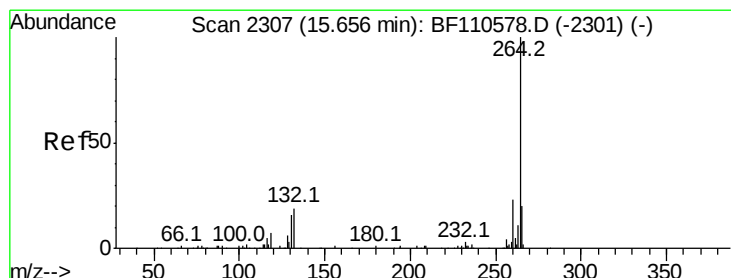
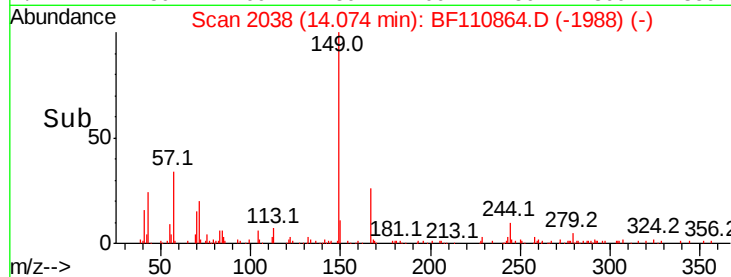
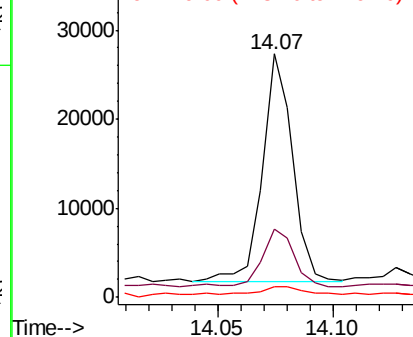
Tot Ion:	149	Resp:	23066
Ion Ratio	Lower	Upper	
149	100		
167	28.2	19.8	29.8
279	4.6	2.7	4.1

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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



#87

Perylene-d12

Concen: 20.000 ng

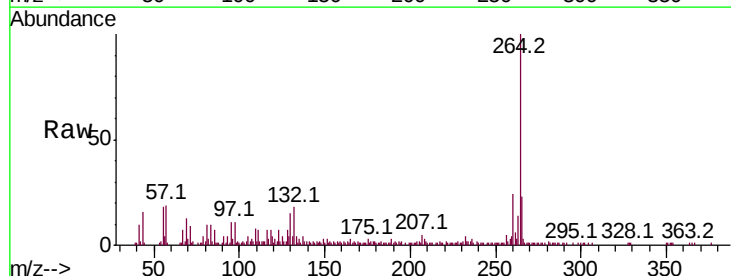
RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

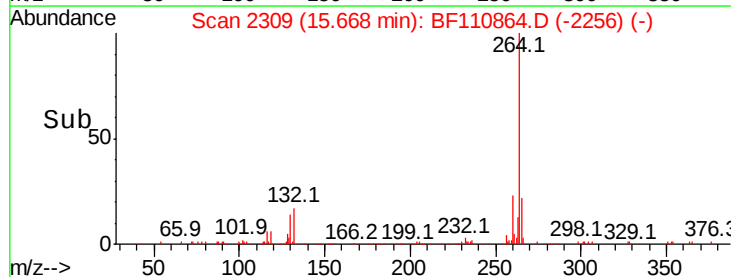
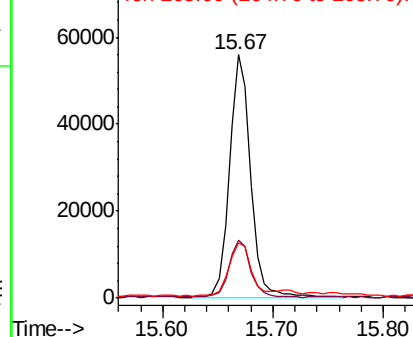
Lab File: BF110864.D

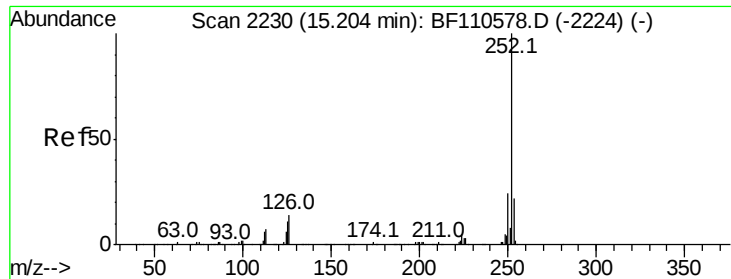
Acq: 19 Nov 2018 20:15

Tgt Ion:	264	Resp:	75765
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	22.6	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





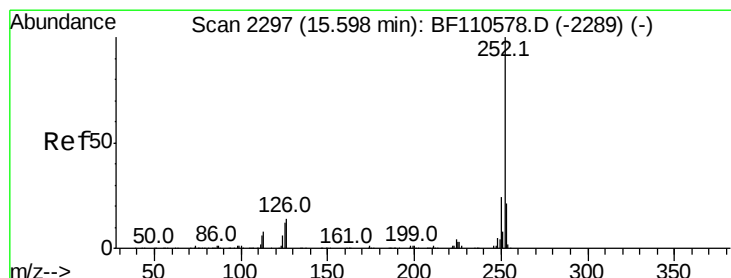
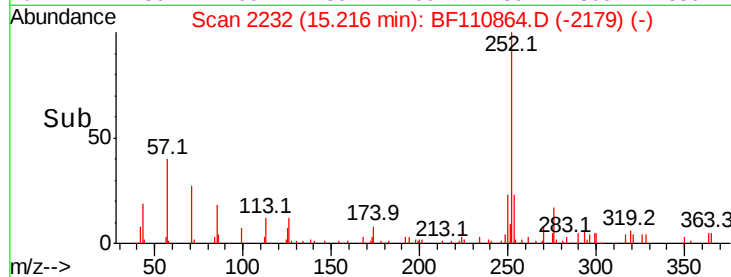
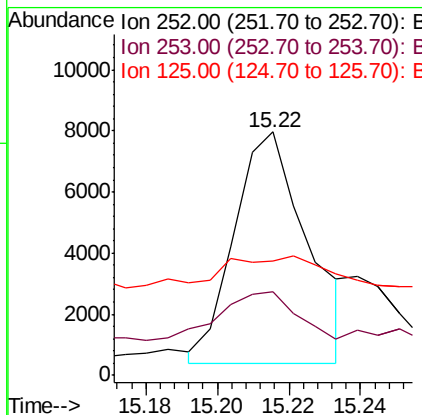
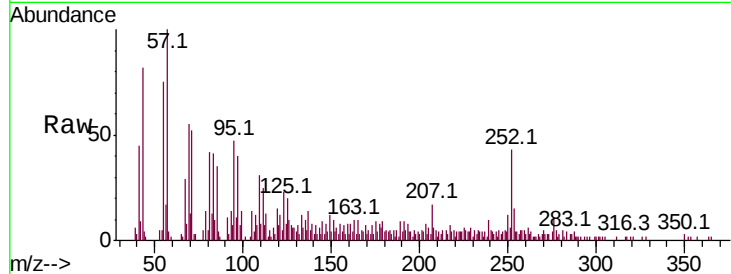
#88
Benzo(b)fluoranthene
Concen: 2.391 ng/mL
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Instrument :
BNA_F
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.2	25.8#
125	47.2	8.2	12.4#

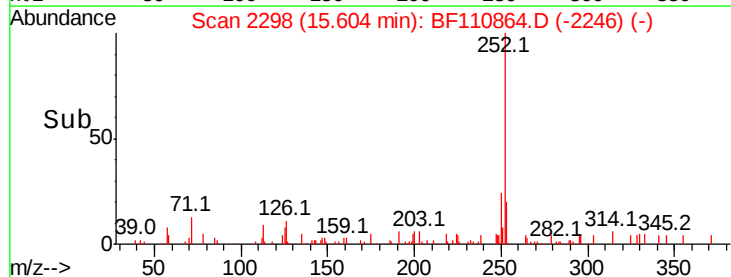
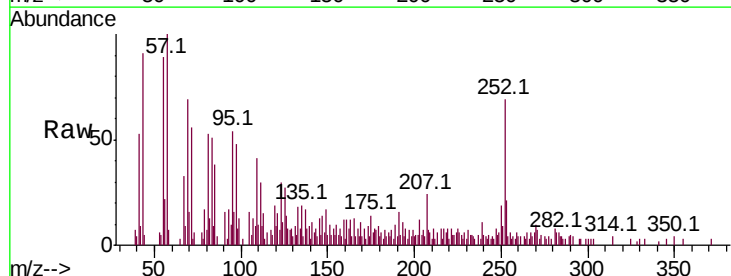
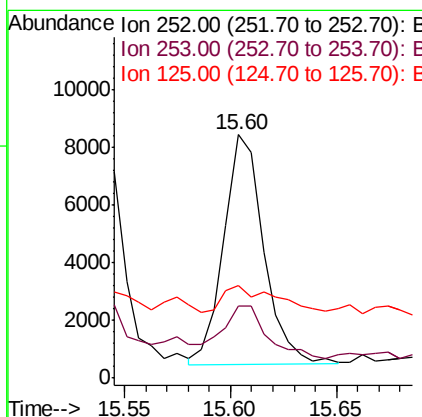
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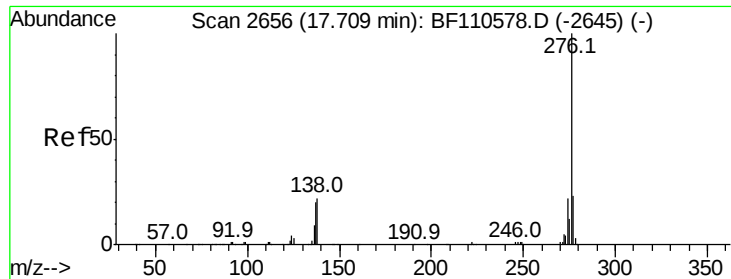
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#90
Benzo(a)pyrene
Concen: 2.534 ng/mL
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110864.D
Acq: 19 Nov 2018 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.2	27.4#
125	38.2	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 2.947 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.03 min
 Lab File: BF110864.D
 Acq: 19 Nov 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.7	18.8	28.2#
138	37.0	16.0	24.0#

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