

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110603.D
 Acq On : 8 Nov 2018 23:35
 Operator : JU/SJ
 Sample : J5768-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-110718-A

Manual Integrations
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Quant Time: Nov 09 12:46:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84107	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	351943	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	157880	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	262349	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	175264	20.00	ng	-0.01
87) Perylene-d12	15.65	264	165421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	217434	41.99	ng	0.00
7) Phenol-d6	6.56	99	281990	42.59	ng	-0.01
23) Nitrobenzene-d5	7.50	82	175914	28.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	52740	33.15	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	336122	30.41	ng	0.00
79) Terphenyl-d14	13.06	244	236259	25.25	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	20316	2.646	ng	Qvalue # 69
50) Dimethylphthalate	9.69	163	42808	3.634	ng	99
58) Fluorene	10.53	166	24383	2.247	ng	98
71) Phenanthrene	11.50	178	226514	16.116	ng	98
72) Anthracene	11.56	178	54999	3.879	ng	98
75) Fluoranthene	12.70	202	213768	15.170	ng	97
78) Pyrene	12.93	202	200328	14.845	ng	98
81) Benzo(a)anthracene	14.12	228	83695	7.989	ng	97
83) Chrysene	14.15	228	72909	7.305	ng	97
86) Indeno(1,2,3-cd)pyrene	17.21	276	26532	3.705	ng	# 86
88) Benzo(b)fluoranthene	15.20	252	74625m	7.541	ng	
89) Benzo(k)fluoranthene	15.23	252	28401m	2.904	ng	
90) Benzo(a)pyrene	15.59	252	58053	6.457	ng	98
92) Benzo(a,h,i)perylene	17.69	276	26189	3.469	ng	# 92

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

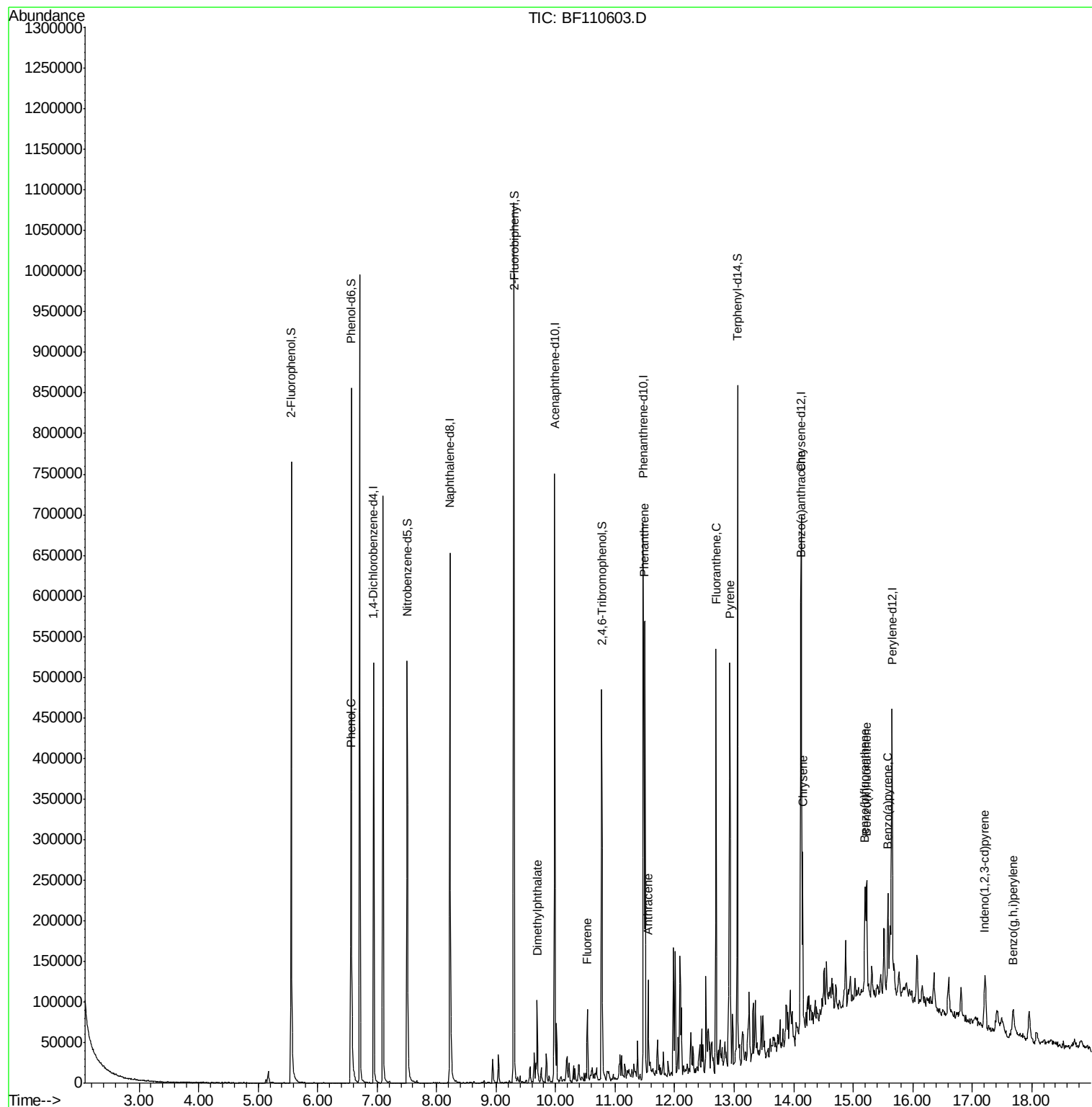
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
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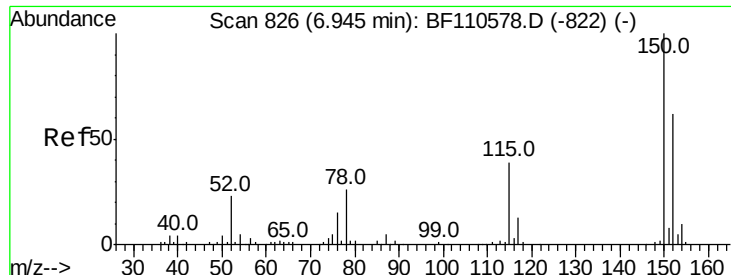
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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#1

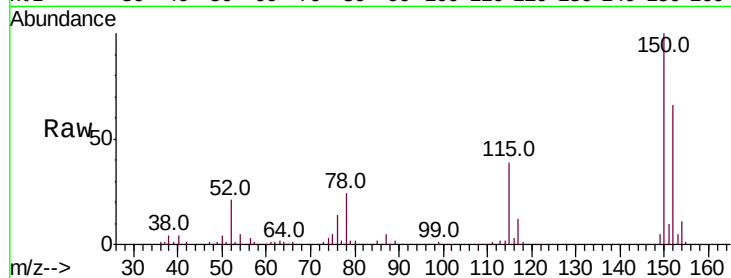
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.7	184.1
115	59.2	49.1	73.7

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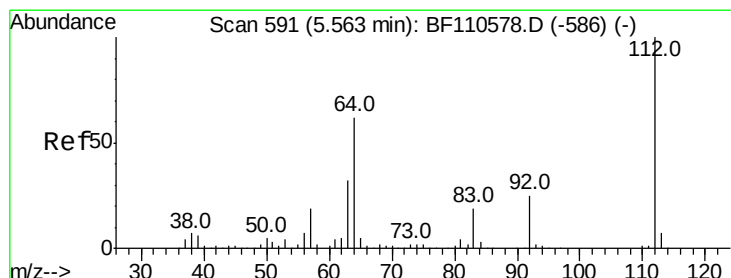
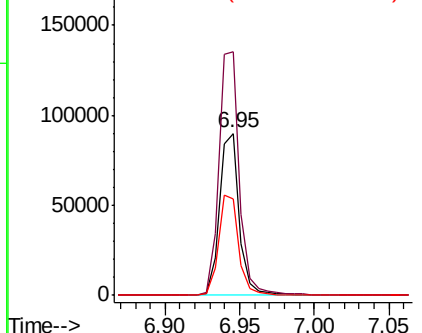
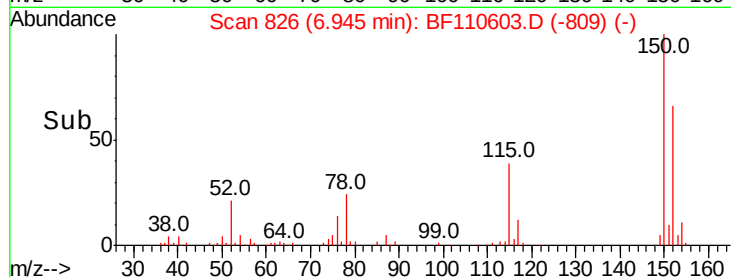


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

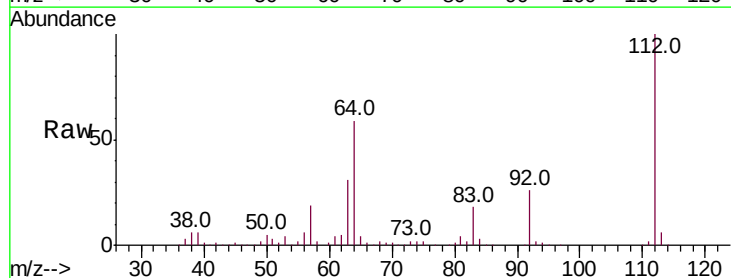
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.992 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	30.8	23.7	35.5

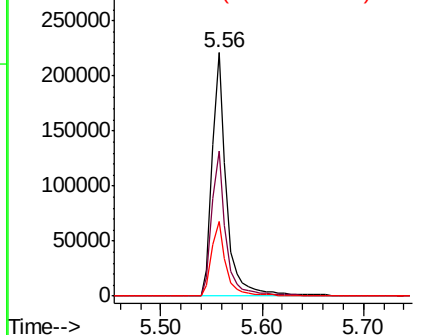
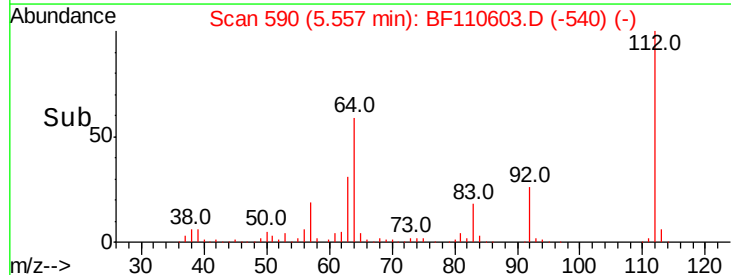


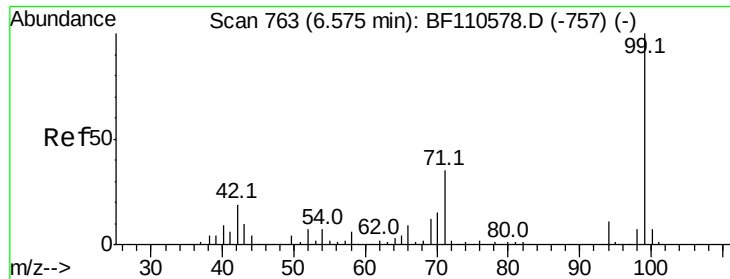
Abundance

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: 42.588 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110603.D

Acq: 8 Nov 2018 23:35

Instrument :

BNA_F

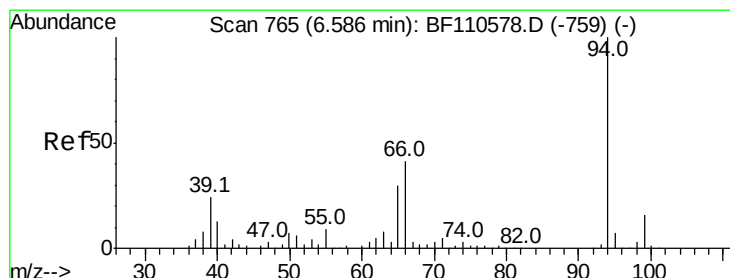
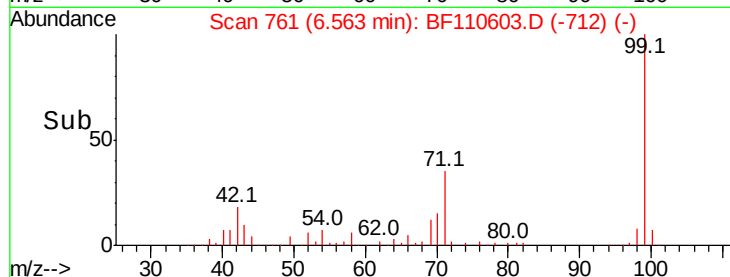
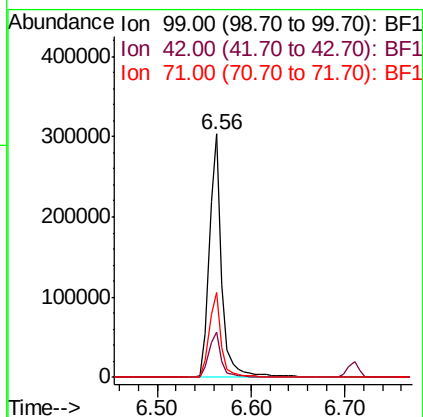
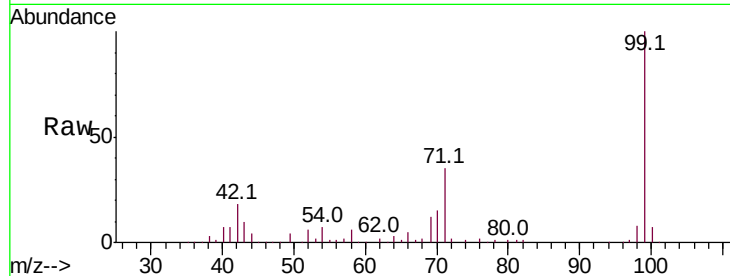
ClientSampleId :

OK-02-110718-A

Tot Ion:	99	Resp:	281990
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	34.9	28.0	42.0

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#10

Phenol

Concen: 2.646 ng

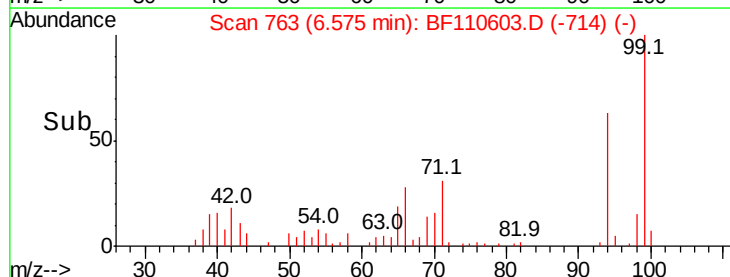
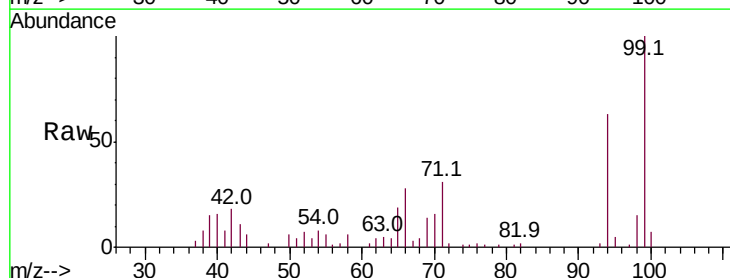
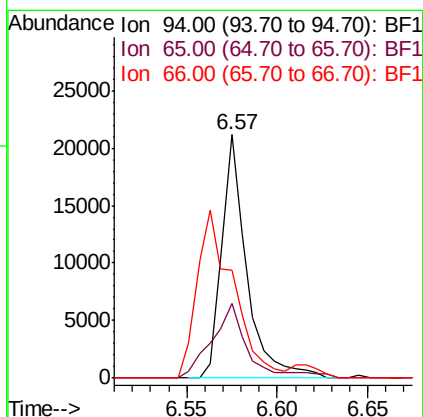
RT: 6.57 min Scan# 763

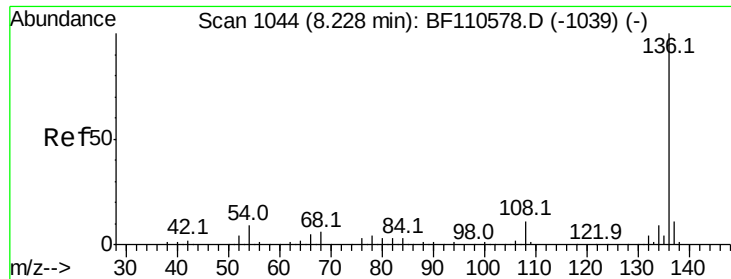
Delta R.T. -0.01 min

Lab File: BF110603.D

Acq: 8 Nov 2018 23:35

Tgt Ion:	94	Resp:	20316
Ion Ratio	Lower	Upper	
94	100		
65	30.5	25.3	65.3
66	44.4	54.5	94.5#





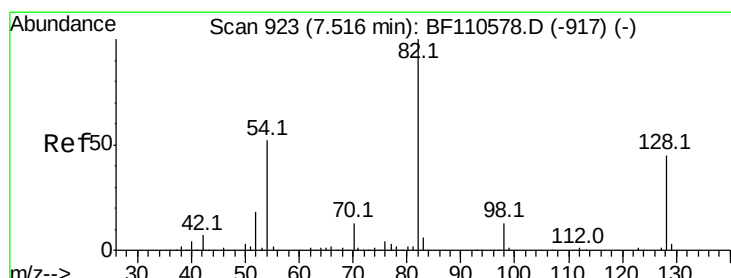
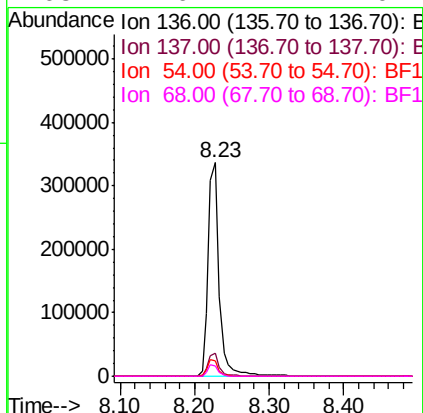
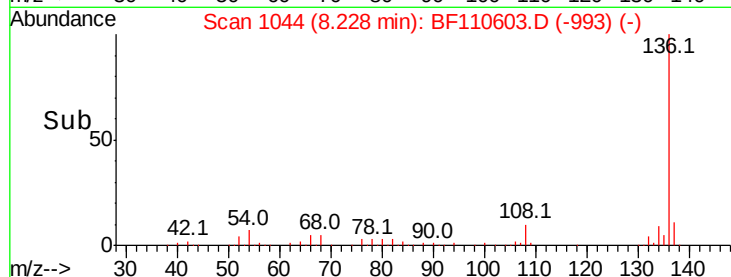
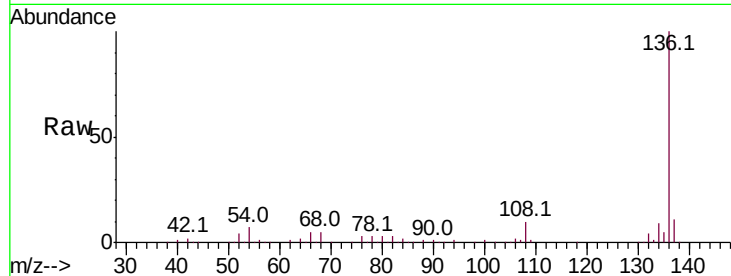
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.1	5.4	8.2	
68	4.6	4.2	6.2	

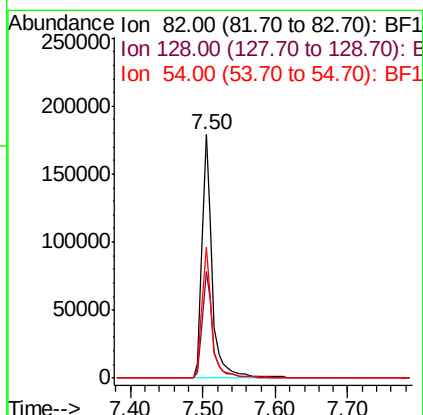
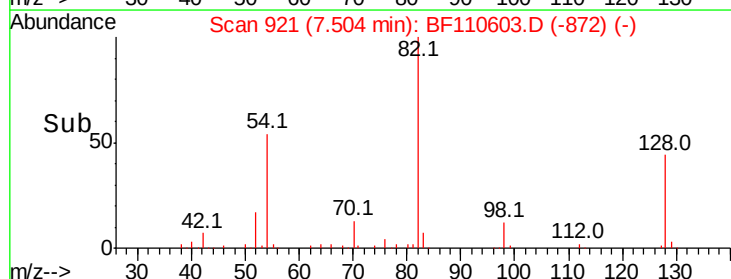
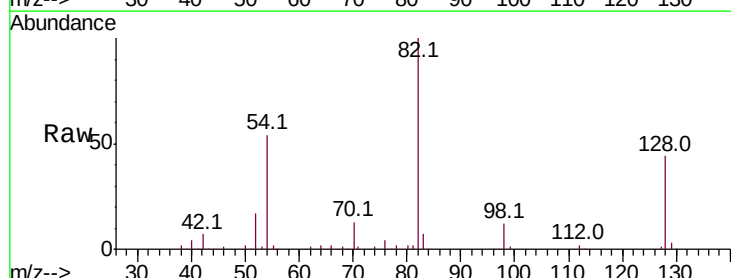
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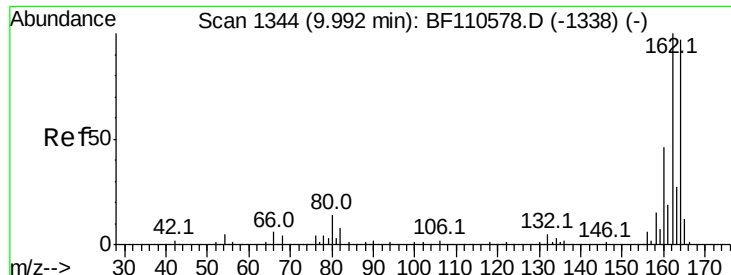
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#23
Nitrobenzene-d5
Concen: 28.785 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	34.2	51.2	
54	53.6	38.6	58.0	





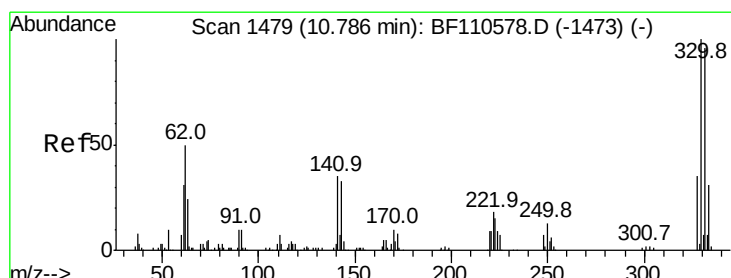
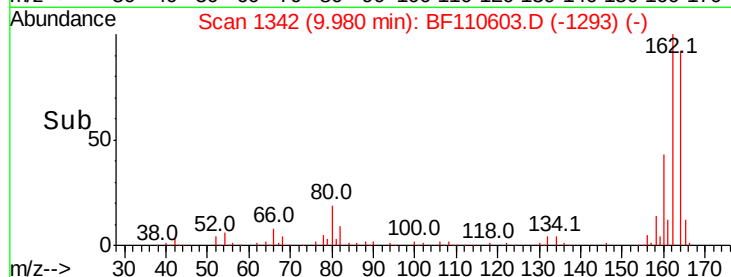
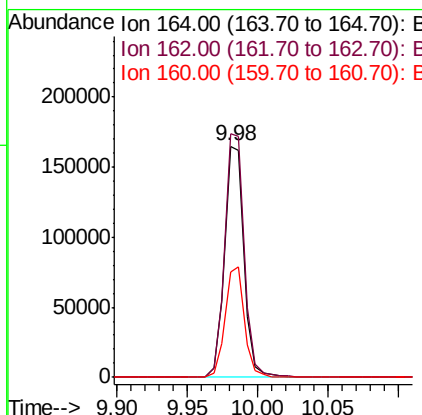
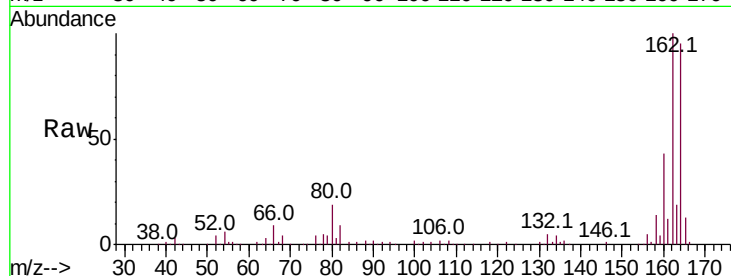
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	157880		
162	105.3	83.0	124.6	
160	45.4	37.0	55.6	

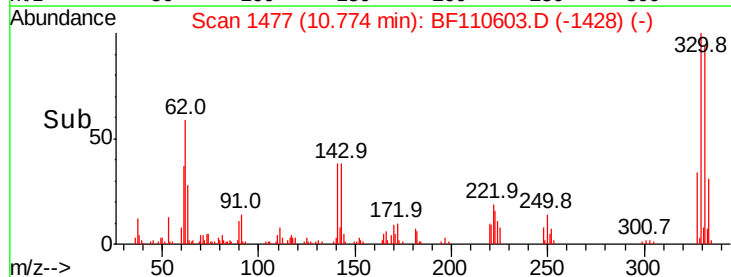
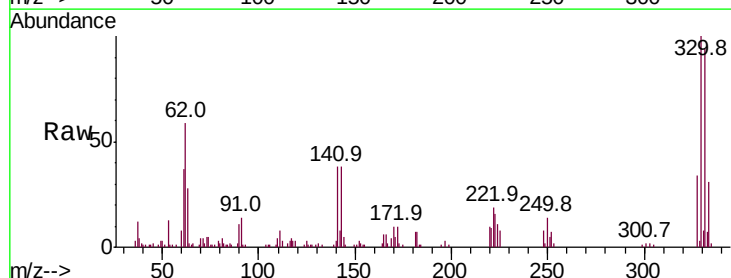
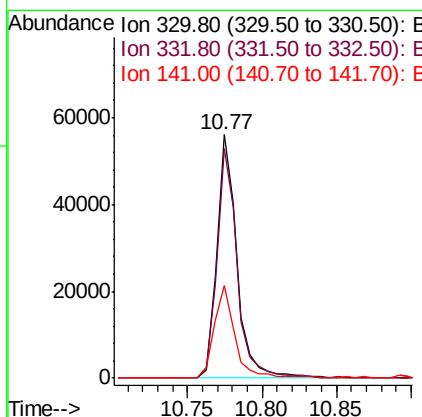
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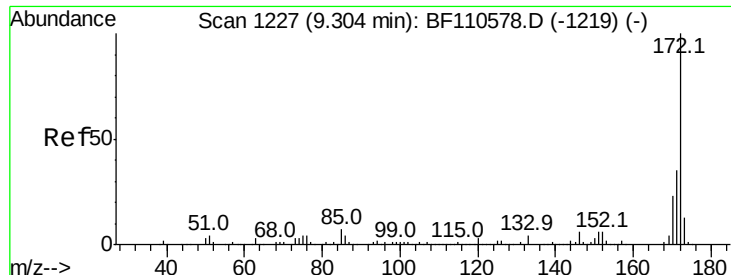
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#42
2,4,6-Tribromophenol
Concen: 33.152 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	52740		
332	95.1	77.1	115.7	
141	39.1	27.0	40.4	





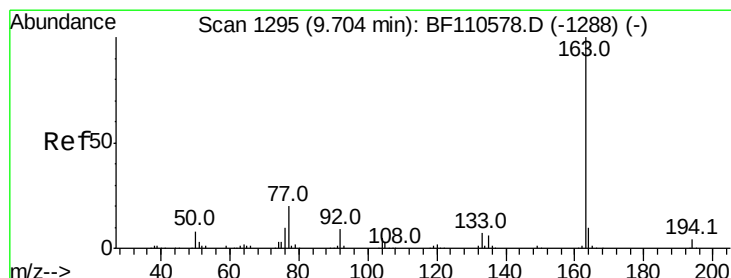
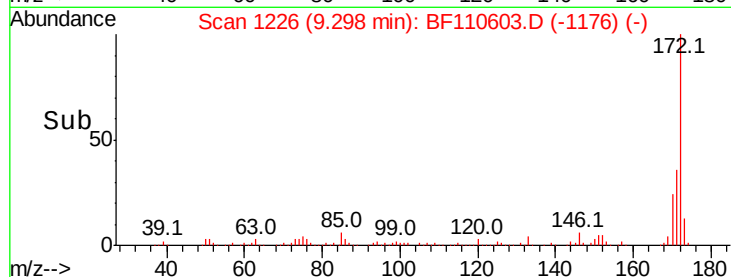
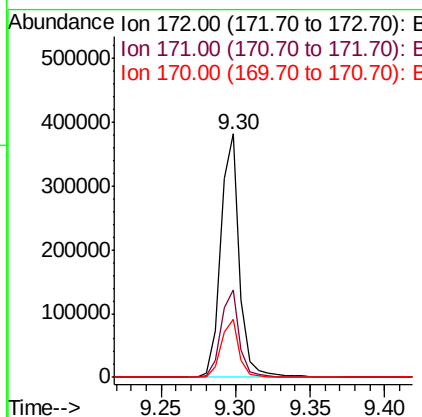
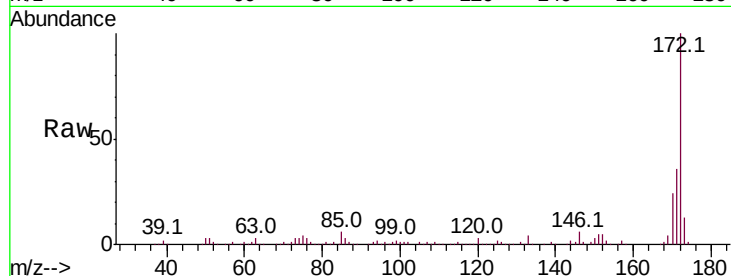
#45
2-Fluorobiphenyl
Concen: 30.406 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	28.6	43.0	
170	23.7	19.7	29.5	

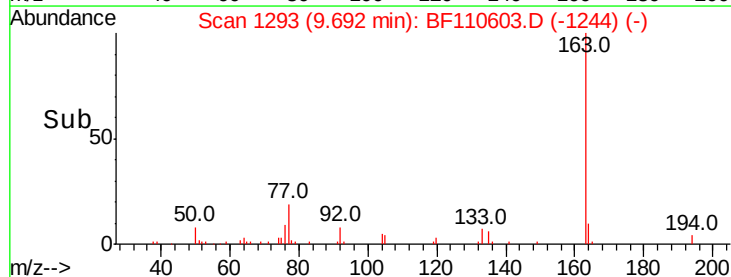
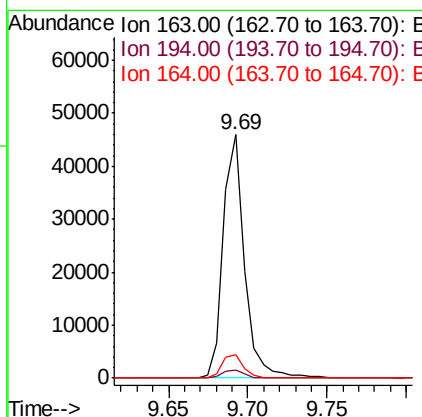
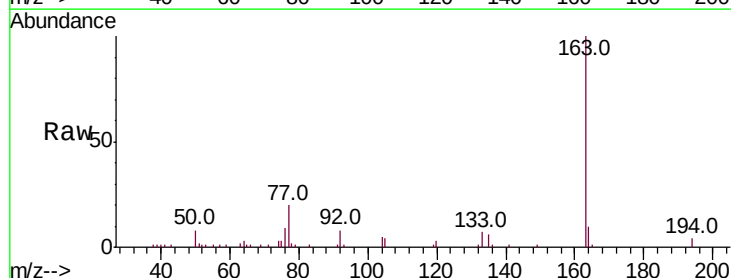
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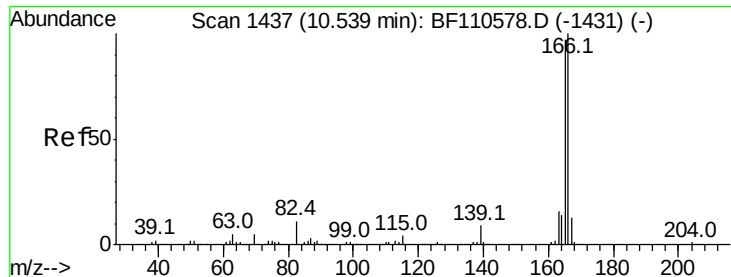
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#50
Dimethylphthalate
Concen: 3.634 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.2	4.8	
164	9.7	8.1	12.1	





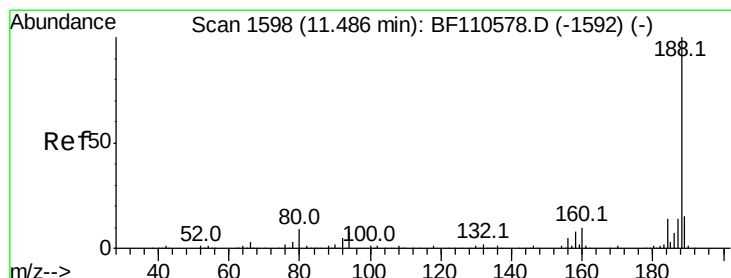
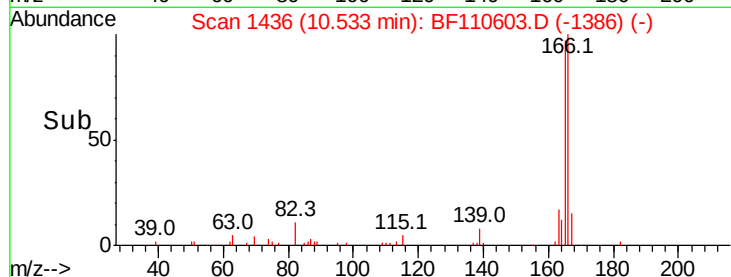
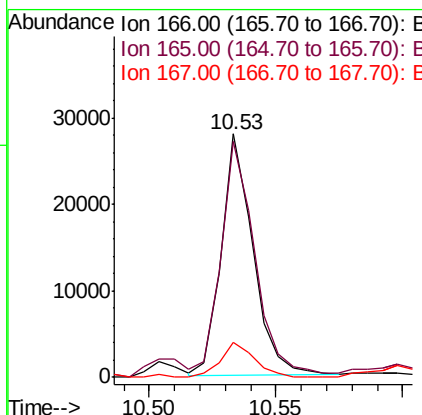
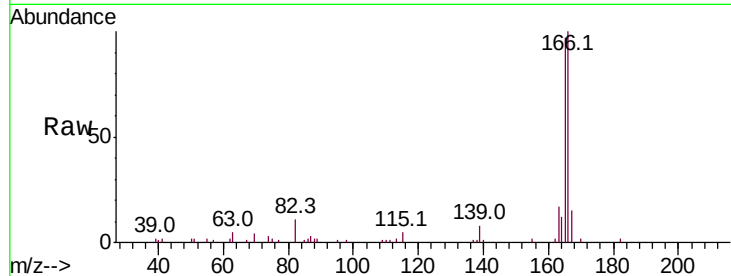
#58
 Fluorene
 Concen: 2.247 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110603.D
 Acq: 8 Nov 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	14.5	10.8	16.2

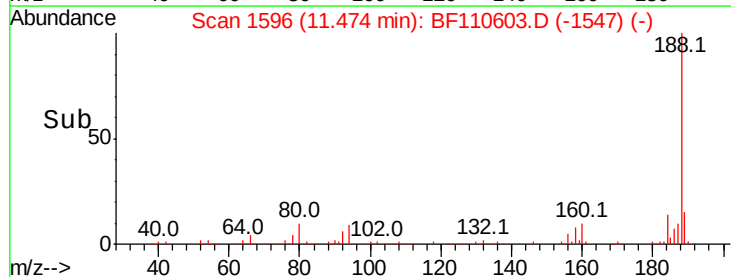
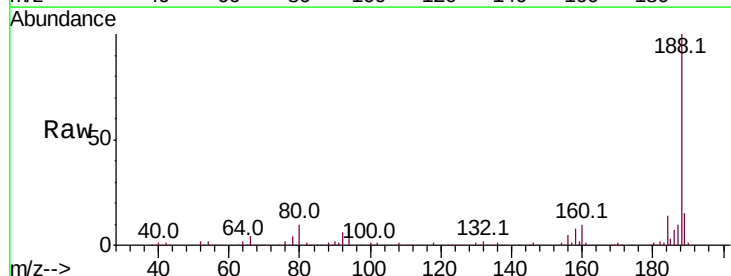
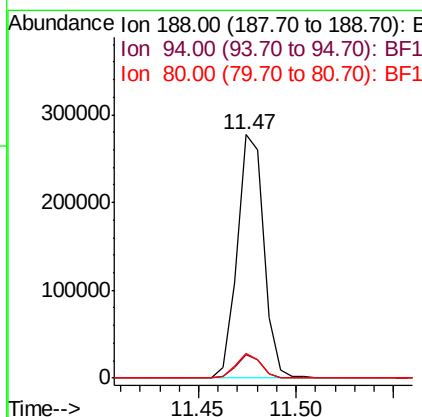
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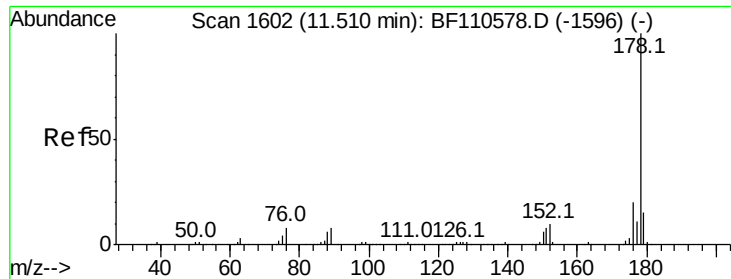
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110603.D
 Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.4	7.9	11.9





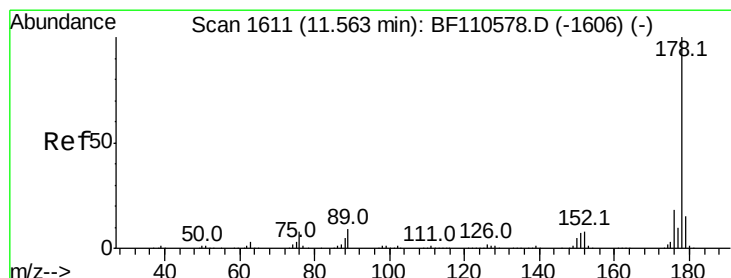
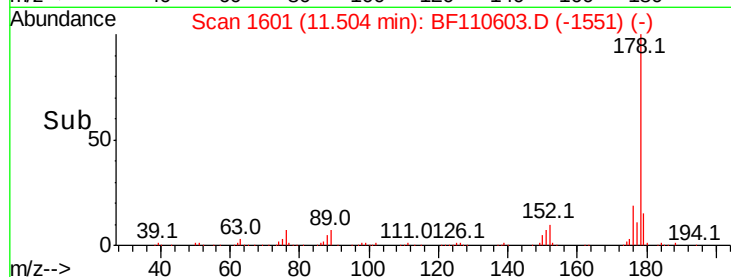
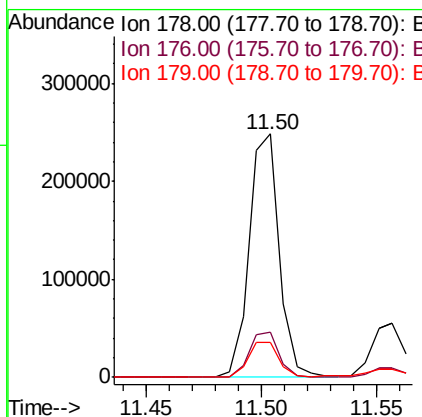
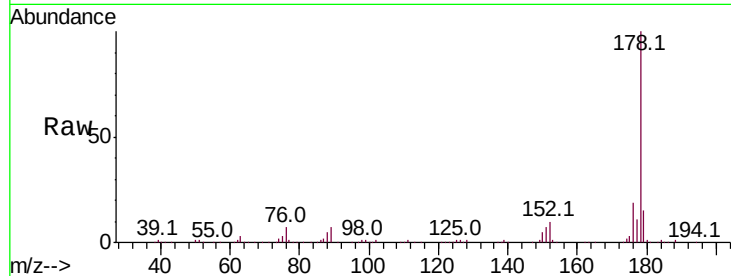
#71
Phenanthrene
Concen: 16.116 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.6	12.5	18.7

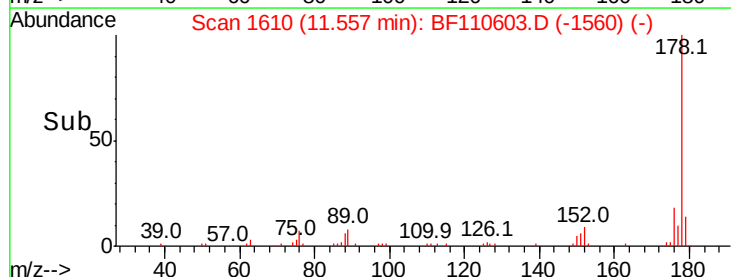
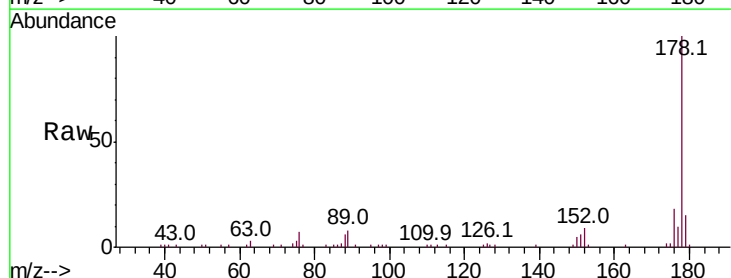
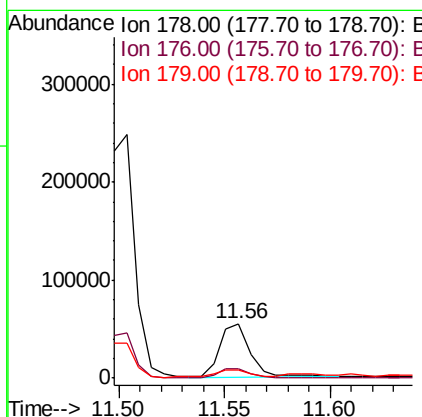
Manual Integrations
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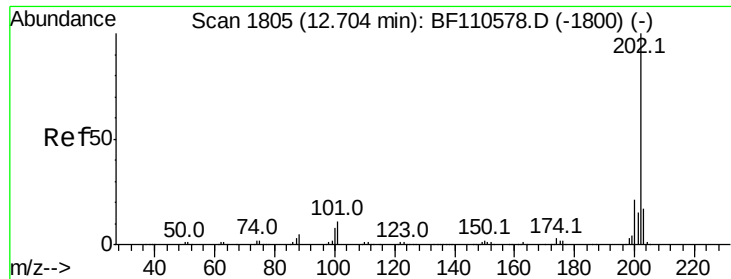
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#72
Anthracene
Concen: 3.879 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.7	12.6	18.8





#75

Fluoranthene

Concen: 15.170 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110603.D

Acq: 8 Nov 2018 23:35

Instrument :

BNA_F

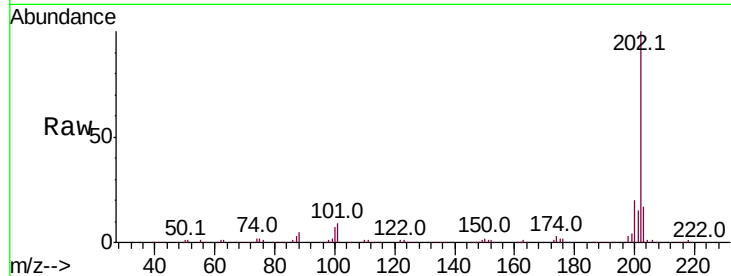
ClientSampleId :

OK-02-110718-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	213768		
101	9.3	0.0	31.4	
203	16.8	0.0	37.7	

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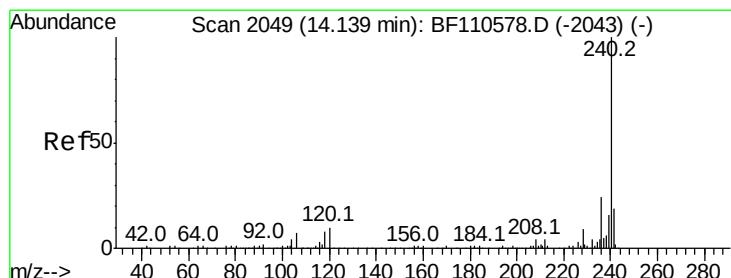
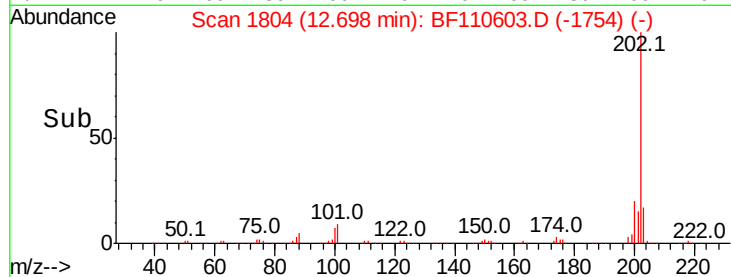
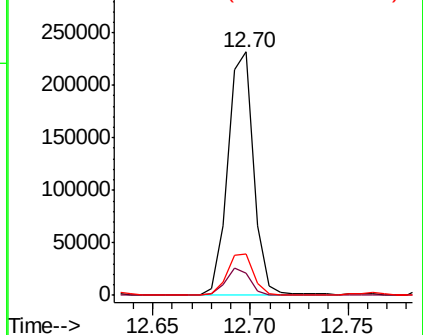


Abundance

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

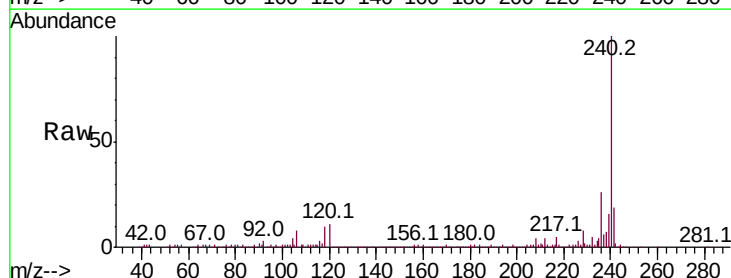
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110603.D

Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175264		
120	10.8	8.3	12.5	
236	25.6	21.2	31.8	

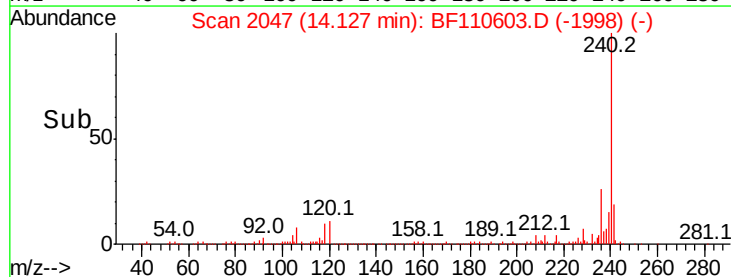
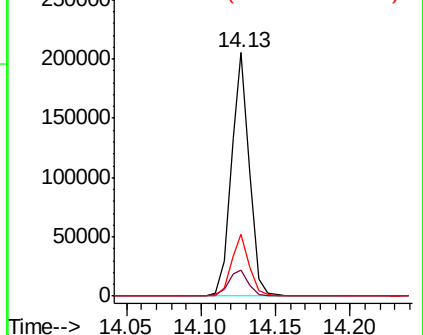


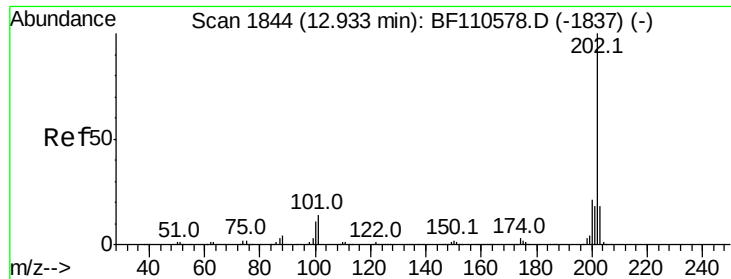
Abundance

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





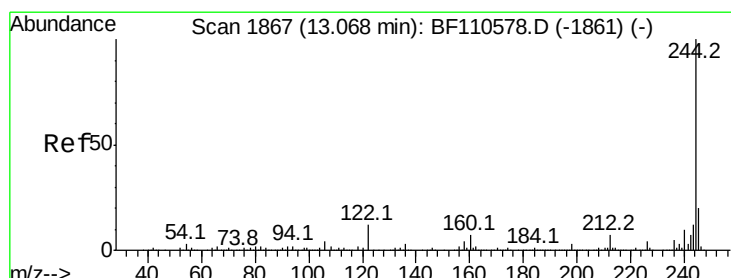
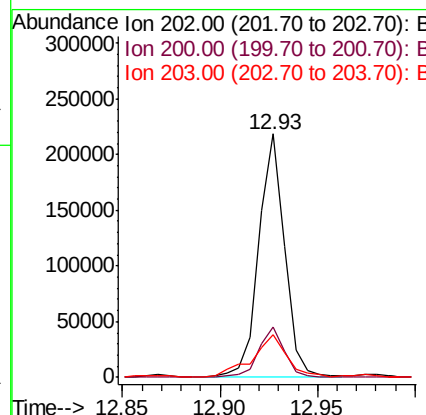
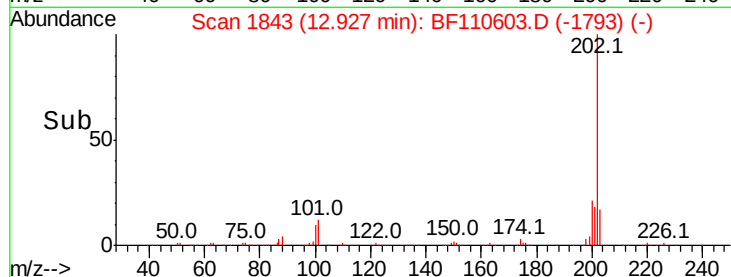
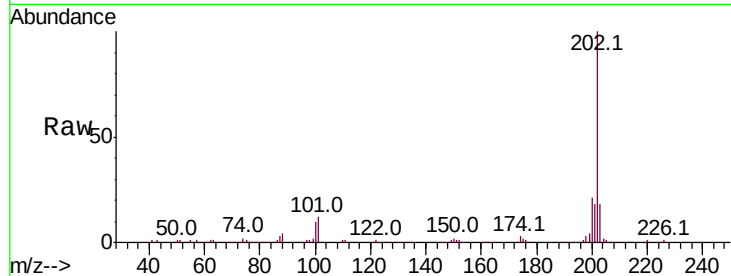
#78
Pvrene
Concen: 14.845 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.7	14.2	21.4

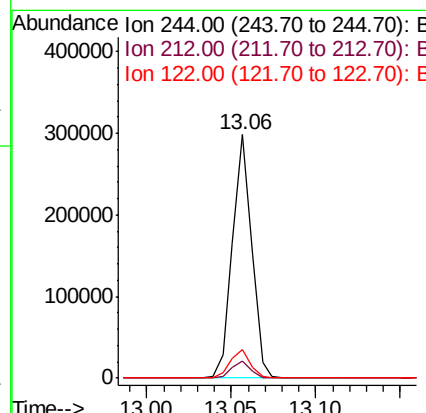
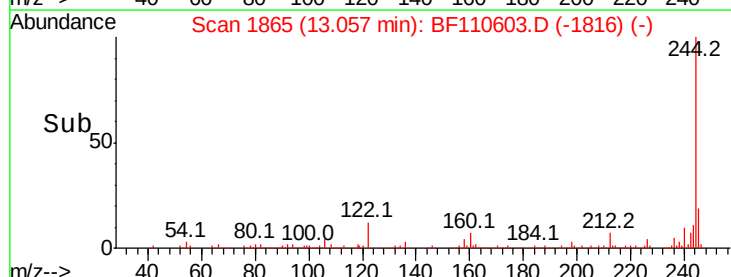
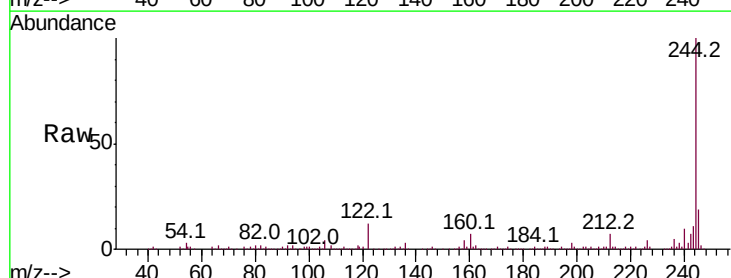
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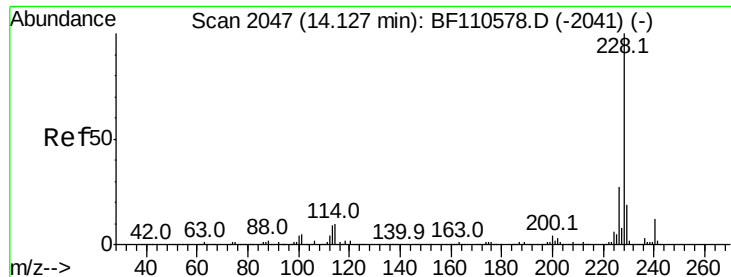
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#79
Terphenyl-d14
Concen: 25.245 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.6	8.7	13.1





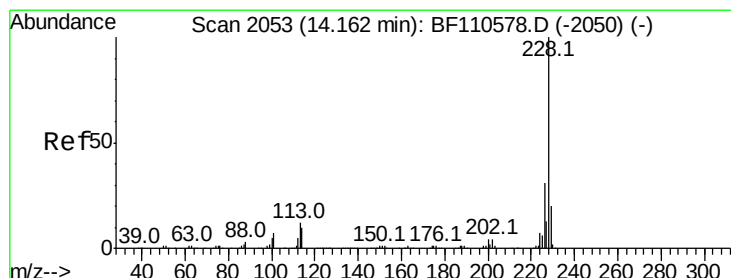
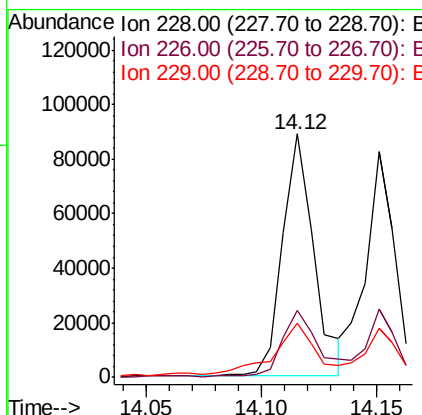
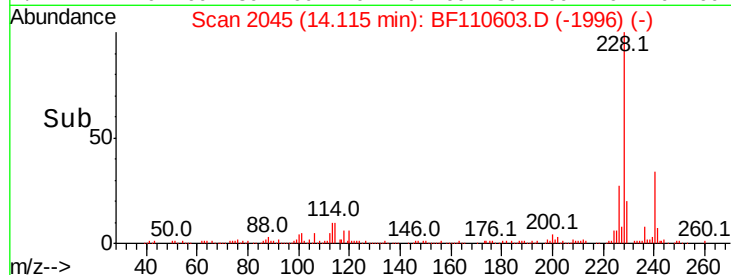
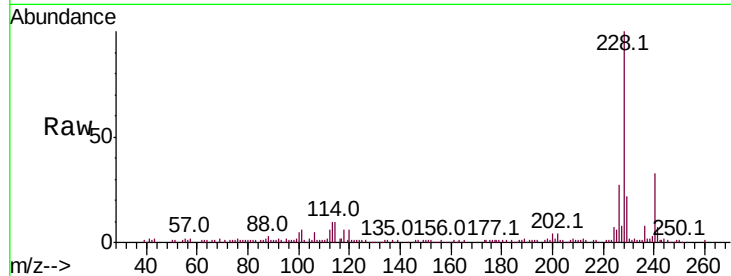
#81
Benzo(a)anthracene
Concen: 7.989 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	22.2	15.6	23.4

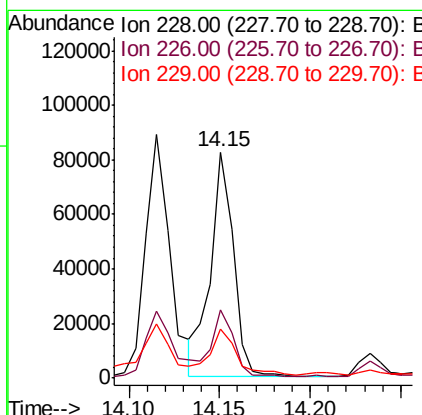
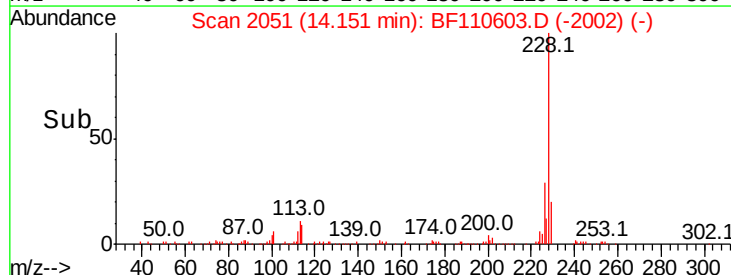
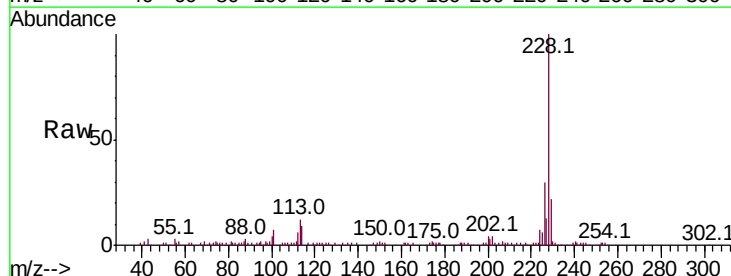
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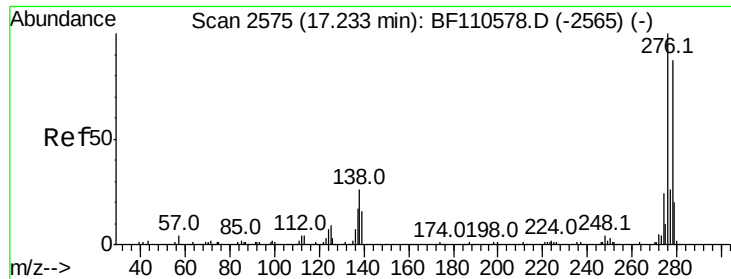
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#83
Chrysene
Concen: 7.305 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	21.9	15.9	23.9





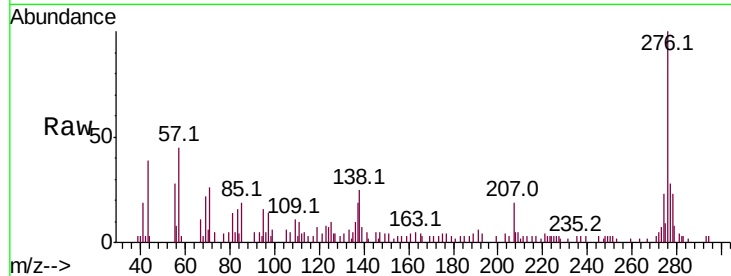
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.705 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BF110603.D
 Acq: 8 Nov 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	18.5	27.7#
277	31.4	20.0	30.0#

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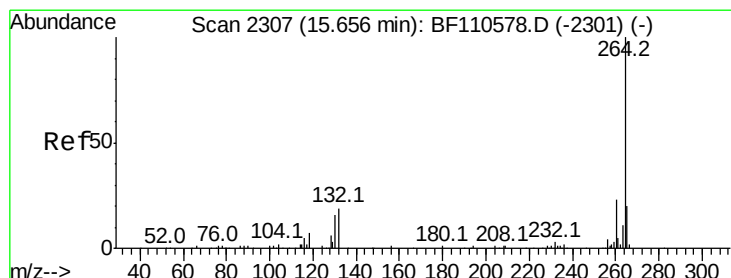
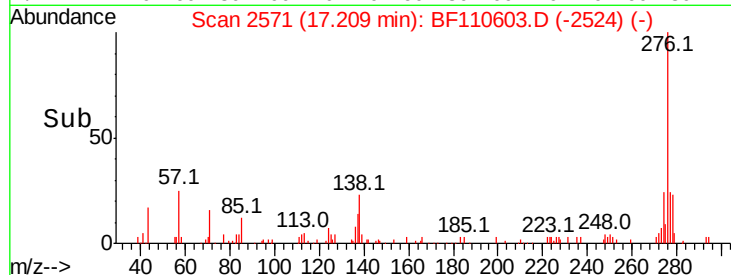
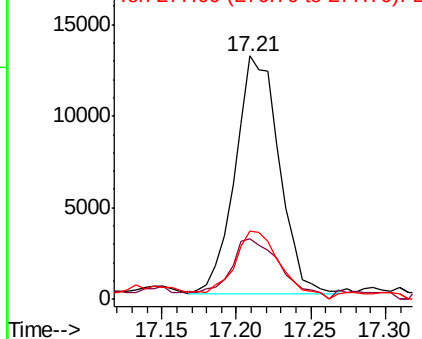


Abundance

Ion 276.00 (275.70 to 276.70): E

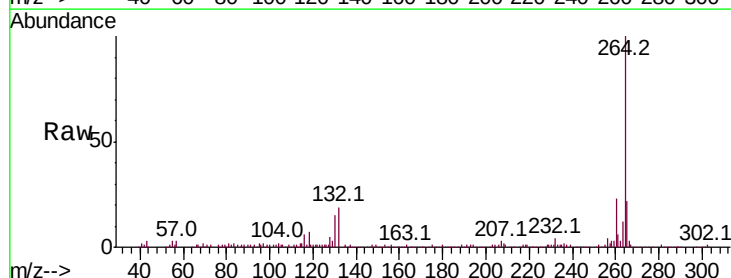
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110603.D
 Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.7	16.7	25.1

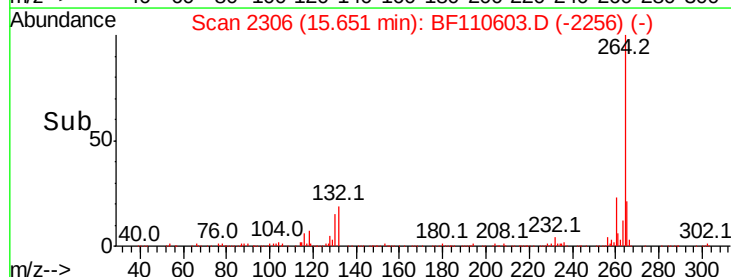
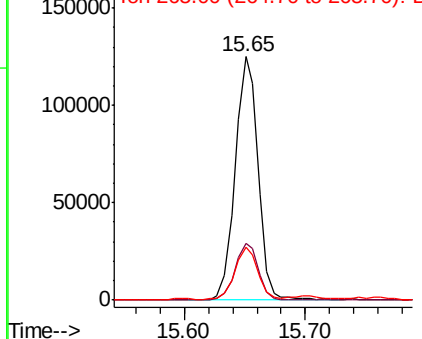


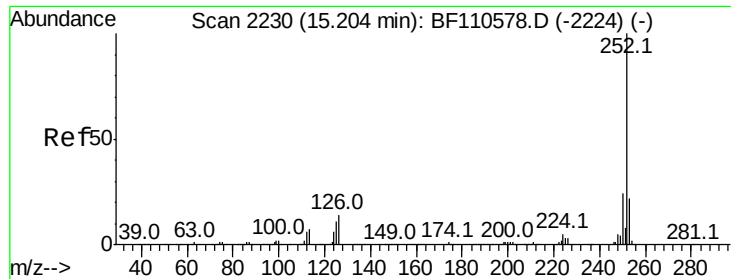
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





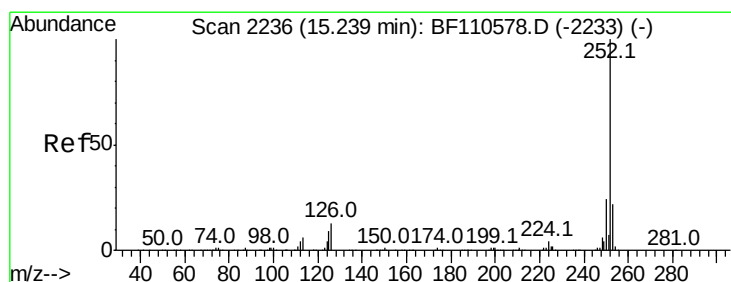
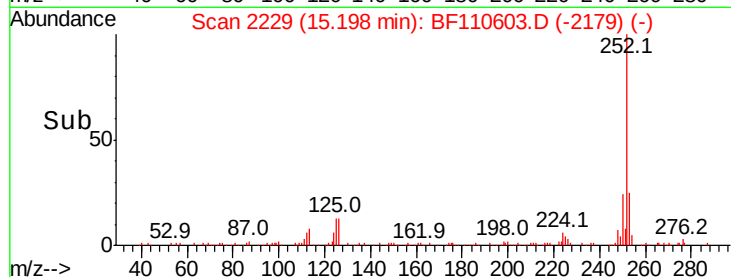
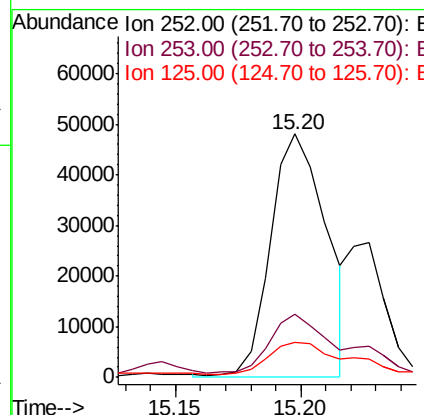
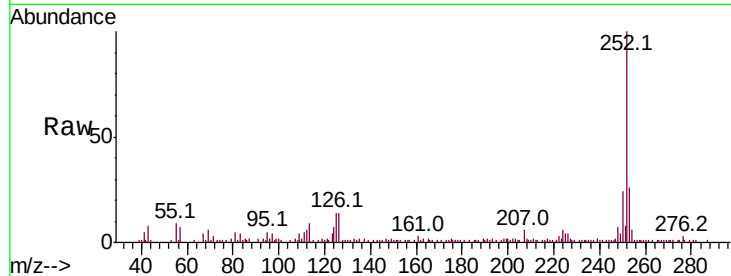
#88
Benzo(b)fluoranthene
Concen: 7.541 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	14.1	8.2	12.4#

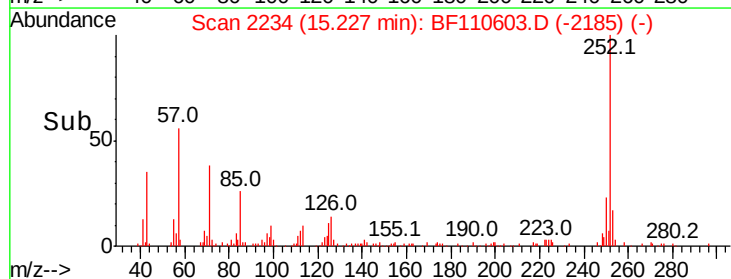
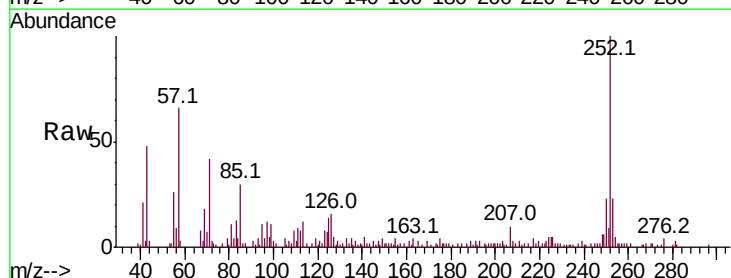
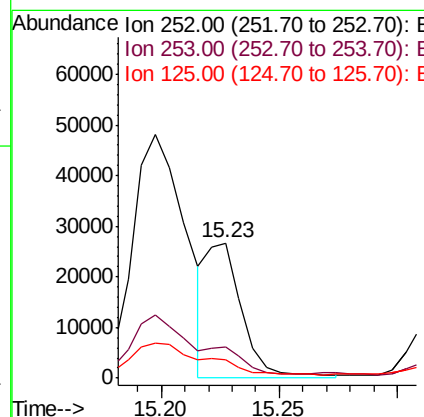
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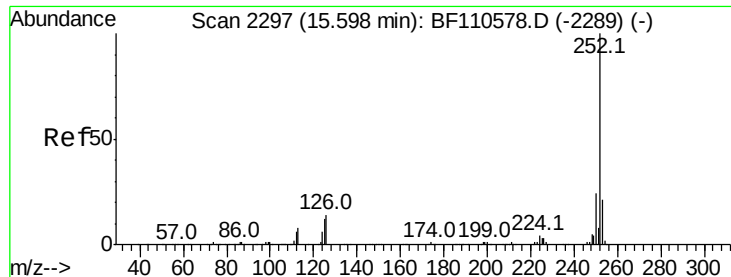
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.904 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.9	7.4	11.0#





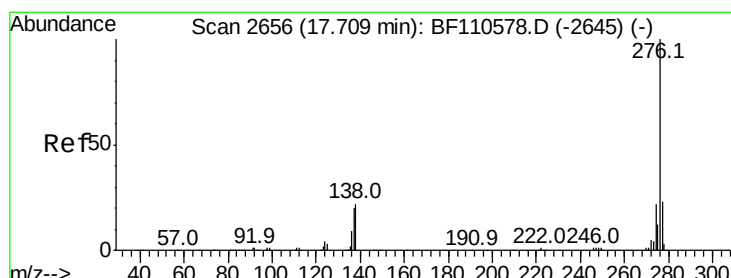
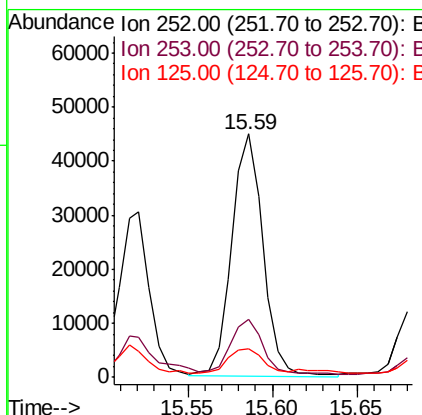
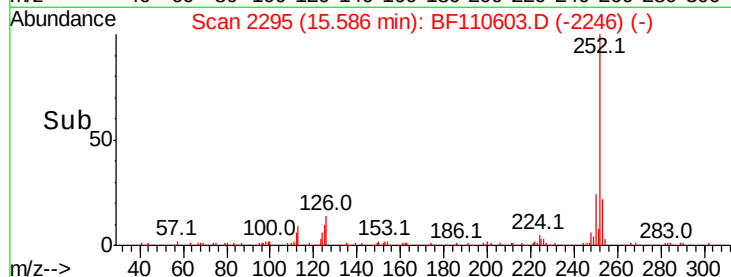
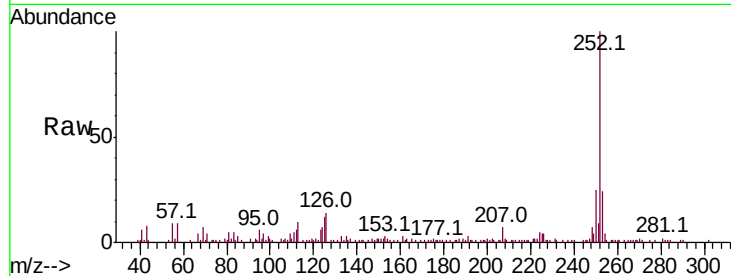
#90
Benzo(a)pyrene
Concen: 6.457 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Instrument :
BNA_F
ClientSampleId :
OK-02-110718-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	12.0	9.0	13.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.469 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BF110603.D
Acq: 8 Nov 2018 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.8	28.2
138	24.7	16.0	24.0

