

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111000.D
 Acq On : 27 Nov 2018 10:53
 Operator : JU/SJ
 Sample : J6028-04 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
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 11/28/2018 4:42:01 PM

Quant Time: Nov 27 13:09:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56499	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	210282	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	79738	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	135737	20.00	ng	0.00
76) Chrysene-d12	14.13	240	134572	20.00	ng	0.00
87) Perylene-d12	15.67	264	91491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	230799	67.74	ng	0.00
7) Phenol-d6	6.56	99	280218	63.11	ng	0.00
23) Nitrobenzene-d5	7.50	82	173221	47.14	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	47596	60.10	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	247924	45.05	ng	0.00
79) Terphenyl-d14	13.06	244	209102	30.25	ng	0.00
Target Compounds						
10) Phenol	6.58	94	13658	2.732	ng	91
50) Dimethylphthalate	9.69	163	11908	2.036	ng	98
71) Phenanthrene	11.50	178	155515	21.632	ng	99
72) Anthracene	11.56	178	49101	6.707	ng	97
75) Fluoranthene	12.70	202	293502	39.723	ng	99
78) Pyrene	12.93	202	248832	25.317	ng	98
81) Benzo(a)anthracene	14.13	228	122333	15.398	ng	98
83) Chrysene	14.16	228	103415	13.223	ng	97
86) Indeno(1,2,3-cd)pyrene	17.28	276	36277	6.462	ng	96
88) Benzo(b)fluoranthene	15.22	252	106906m	19.890	ng	
89) Benzo(k)fluoranthene	15.24	252	31108m	5.623	ng	
90) Benzo(a)pyrene	15.62	252	66616	13.315	ng	96
91) Dibenzo(a,h)anthracene	17.27	278	9008	2.182	ng	# 69
92) Benzo(a,h,i)perylene	17.77	276	32632	8.199	ng	# 91

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

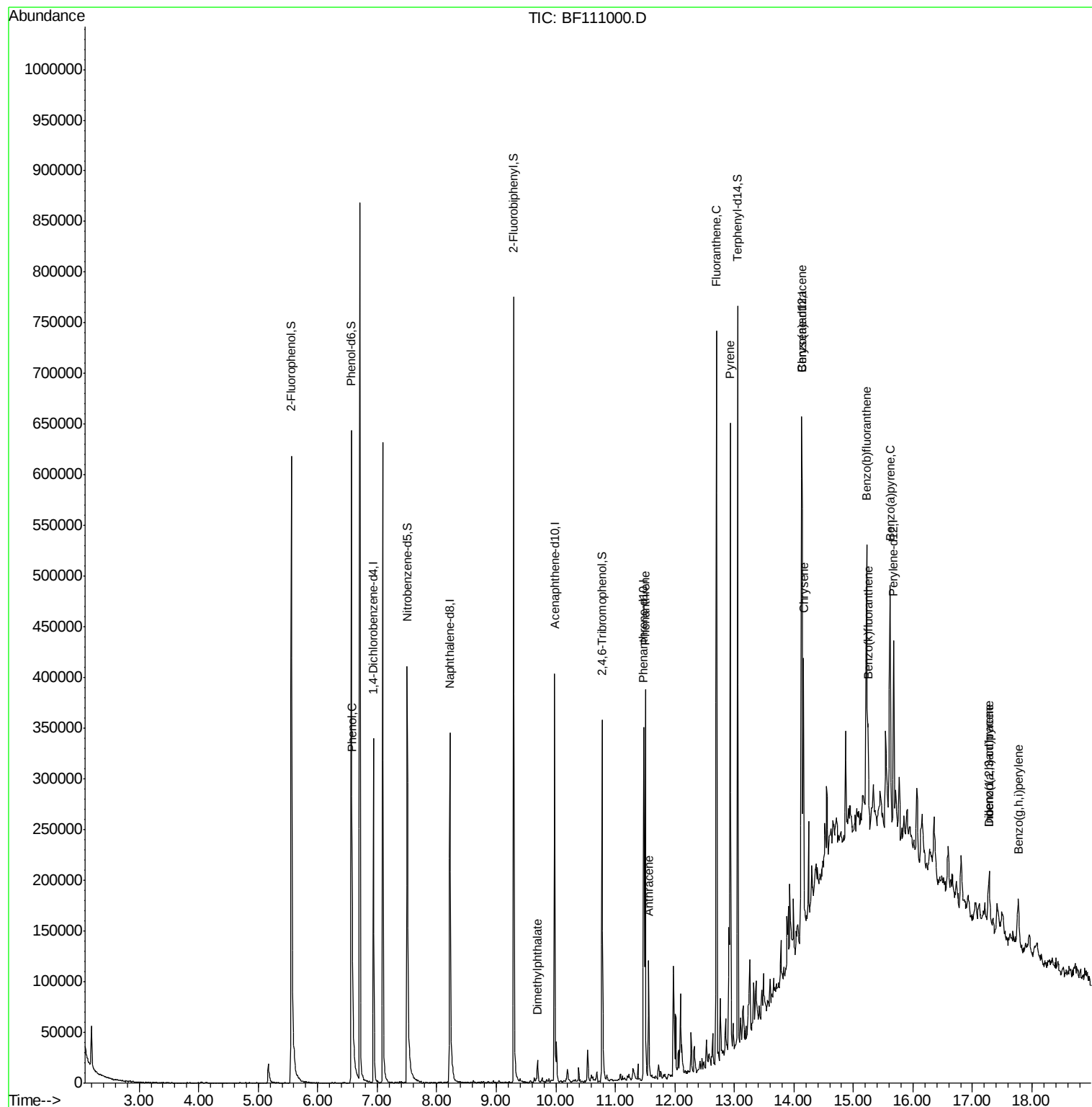
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
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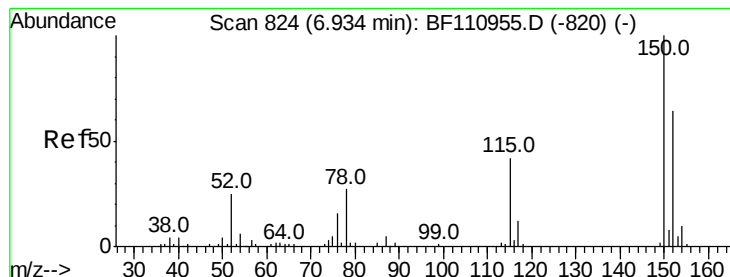
Instrument :
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#1

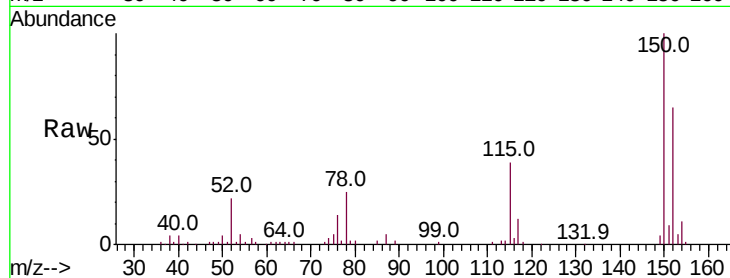
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.7	184.1
115	59.8	49.1	73.7

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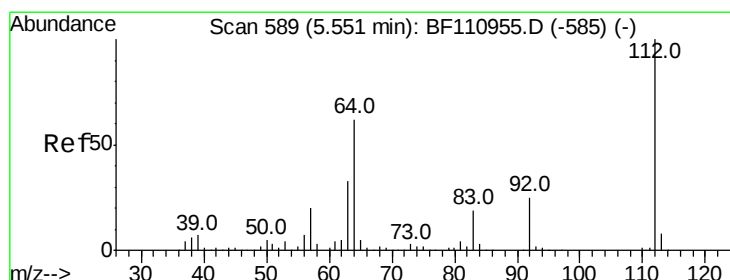
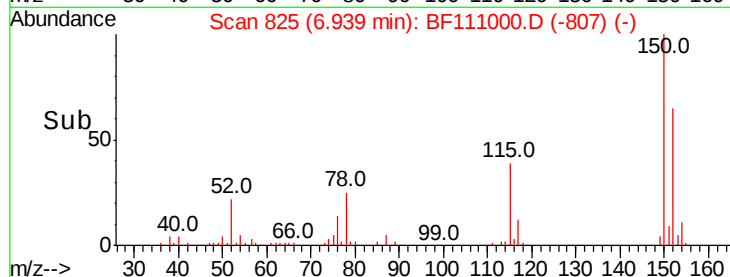
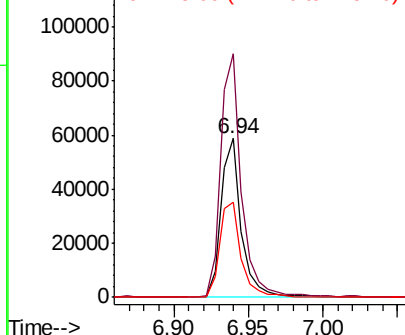


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

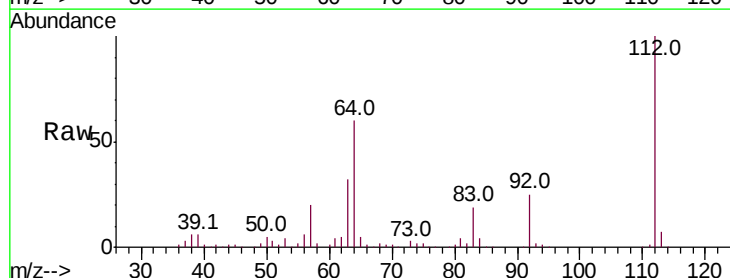
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.742 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.4	23.7	35.5

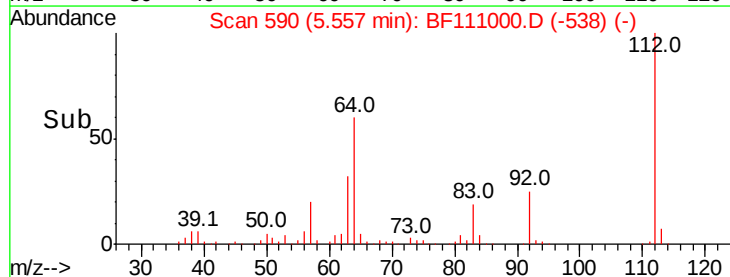
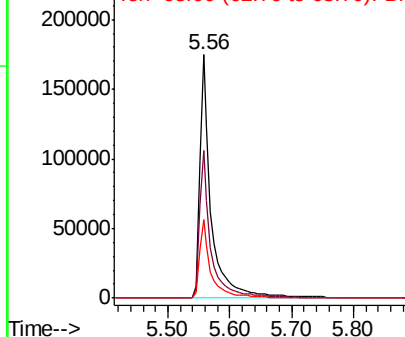


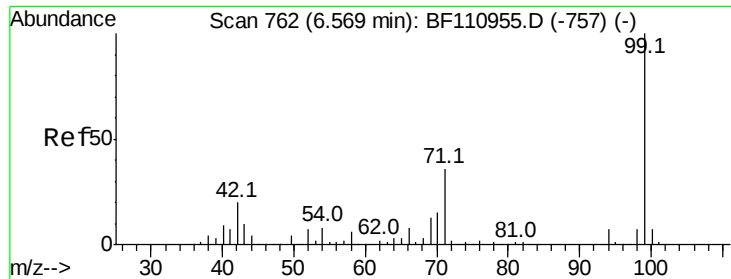
Abundance

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: 63.114 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111000.D

Acq: 27 Nov 2018 10:53

Instrument :

BNA_F

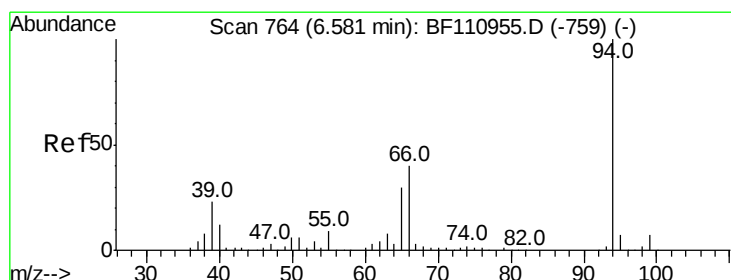
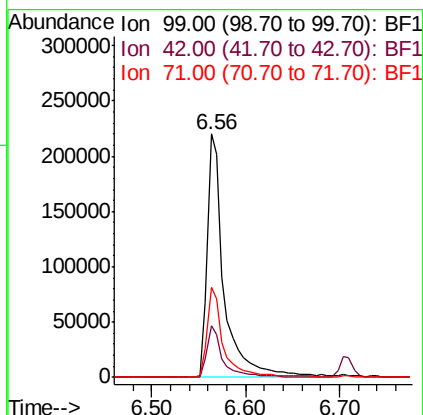
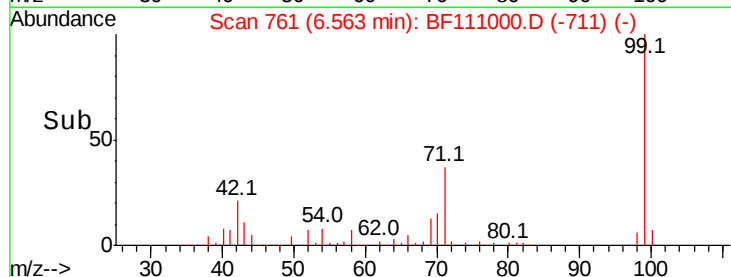
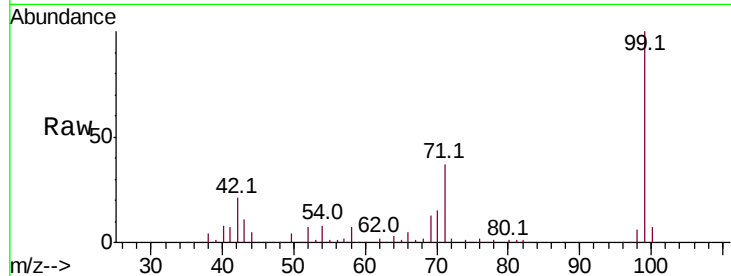
ClientSampled :

COMP-1

Tot Ion:	99	Resp:	280218
Ion Ratio	Lower	Upper	
99	100		
42	21.1	15.8	23.6
71	36.7	28.0	42.0

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#10

Phenol

Concen: 2.732 ng

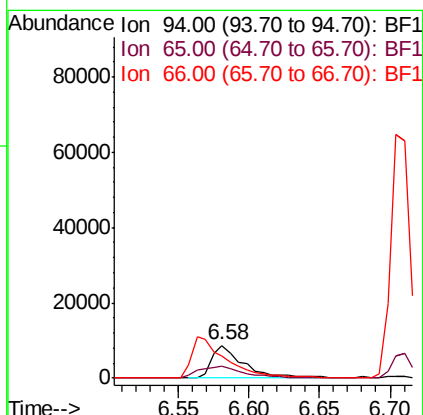
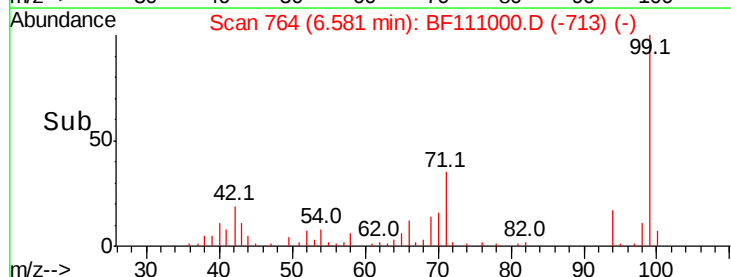
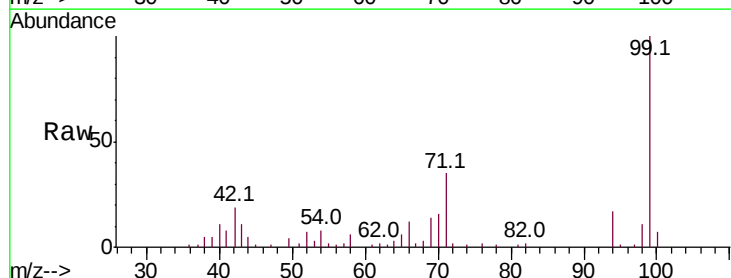
RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111000.D

Acq: 27 Nov 2018 10:53

Tgt Ion:	94	Resp:	13658
Ion Ratio	Lower	Upper	
94	100		
65	37.8	25.3	65.3
66	68.7	54.5	94.5





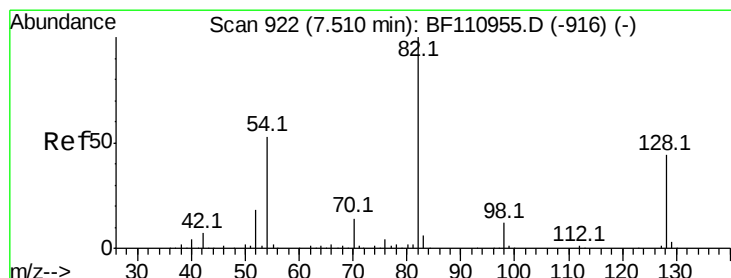
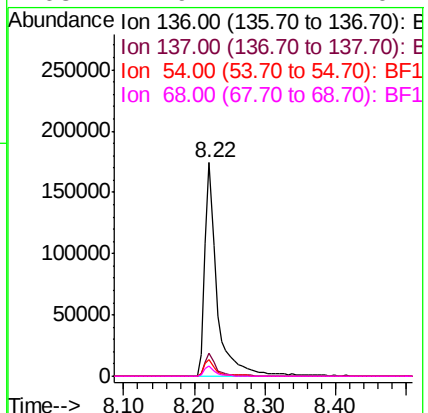
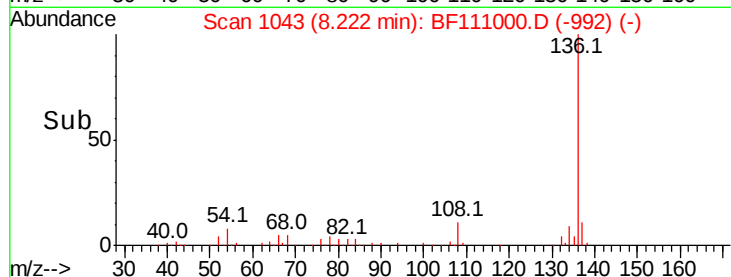
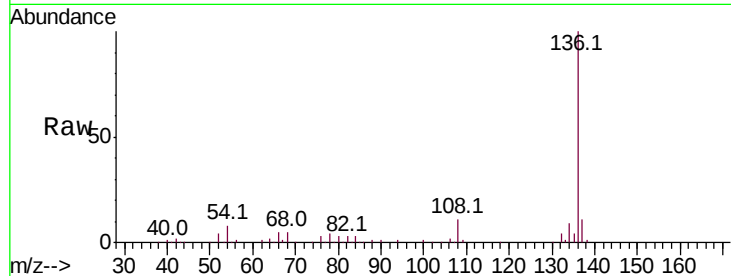
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.7	5.4	8.2	
68	4.9	4.2	6.2	

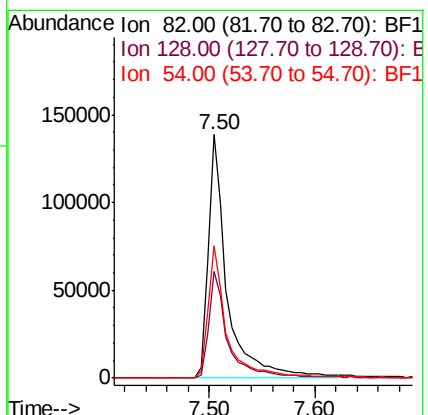
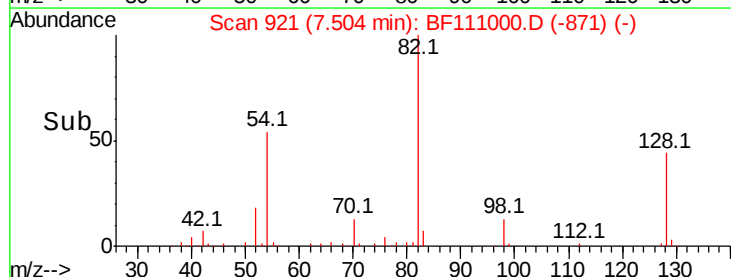
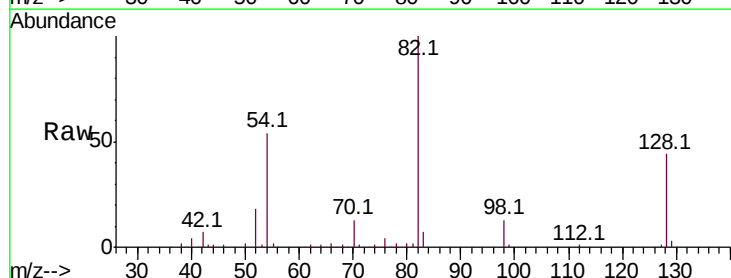
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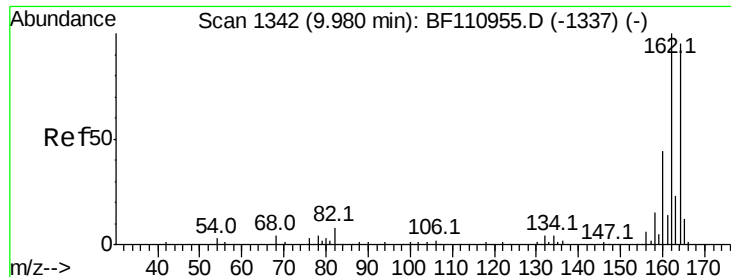
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#23
Nitrobenzene-d5
Concen: 47.144 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	34.2	51.2	
54	54.4	38.6	58.0	





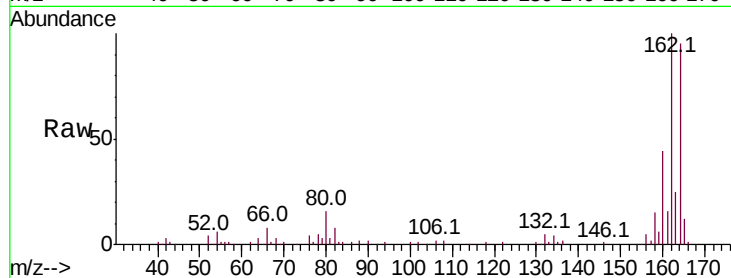
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

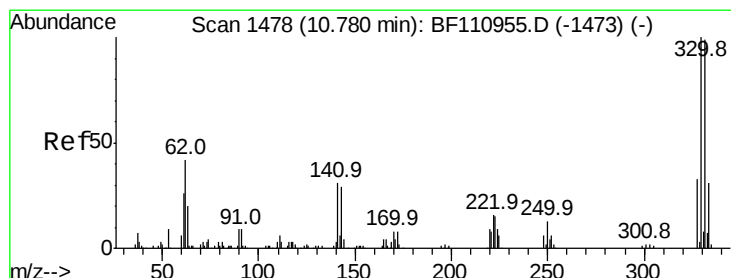
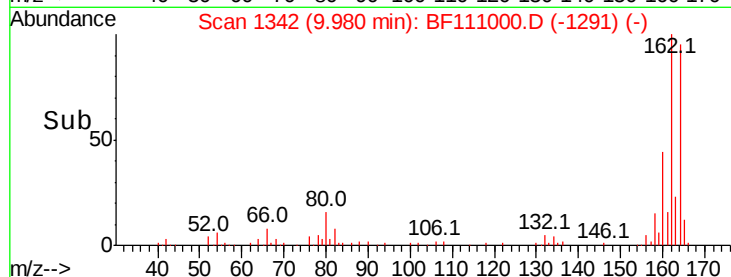
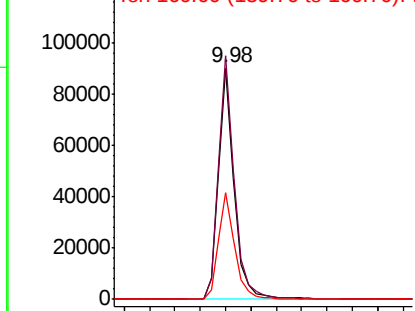
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	46.1	37.0	55.6

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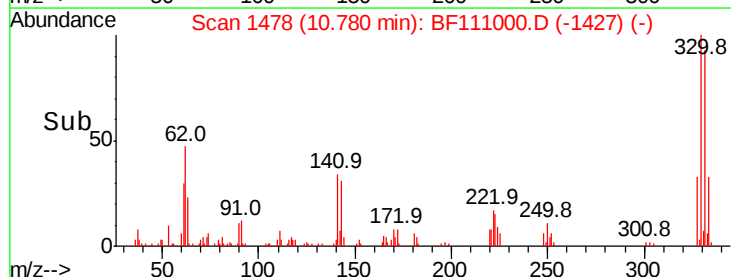
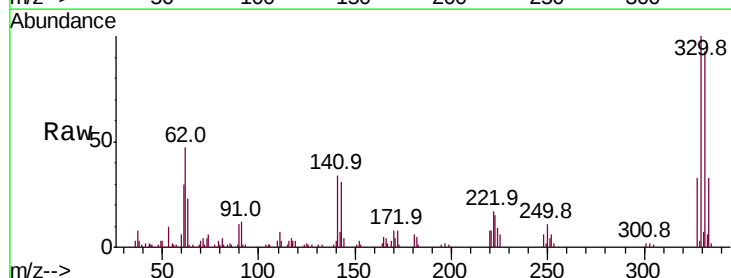
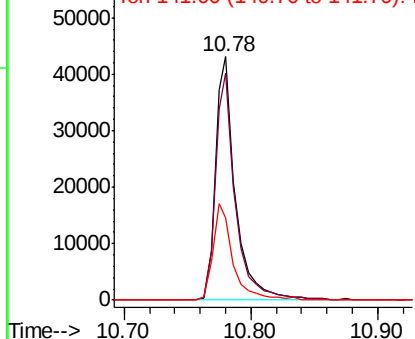
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 60.103 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.1	115.7
141	39.5	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





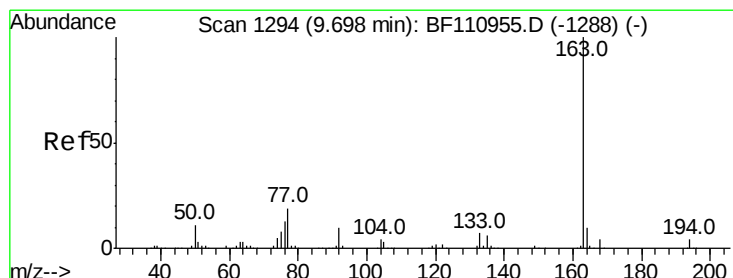
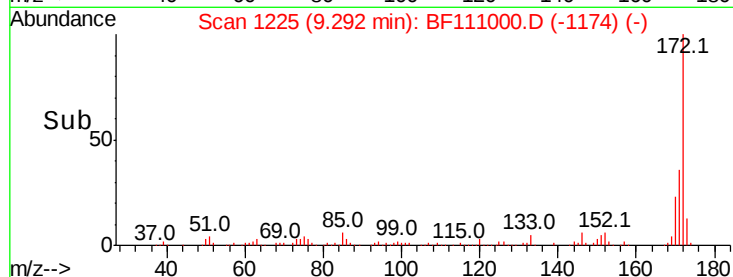
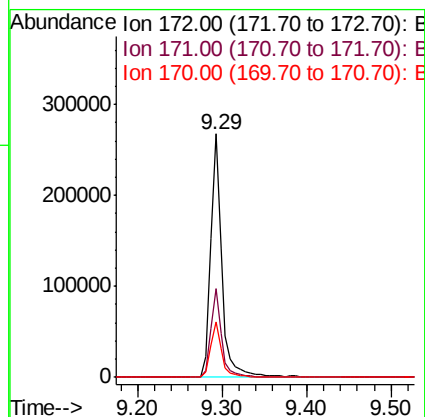
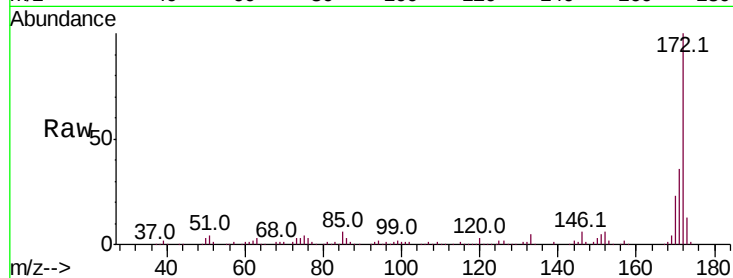
#45
2-Fluorobiphenyl
Concen: 45.046 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	247924		
171	36.3		28.6	43.0
170	23.0		19.7	29.5

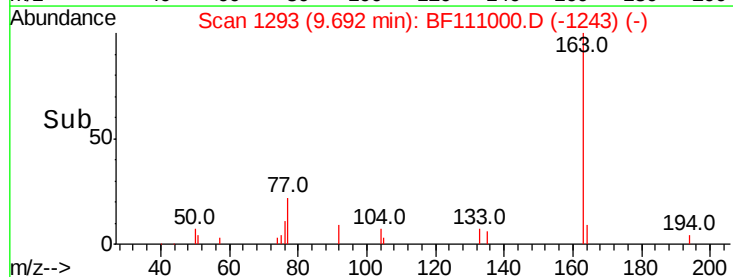
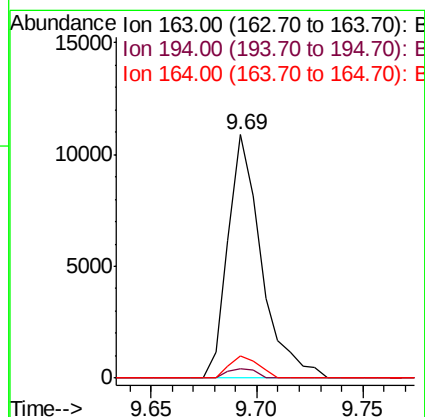
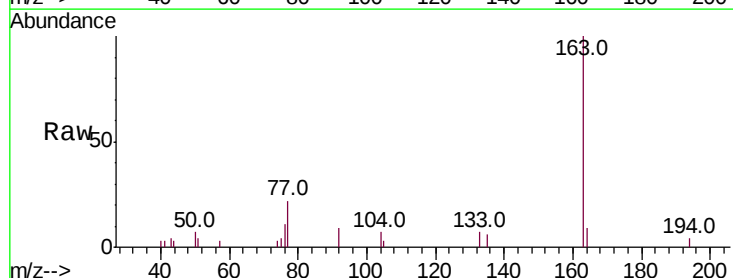
Manual Integrations
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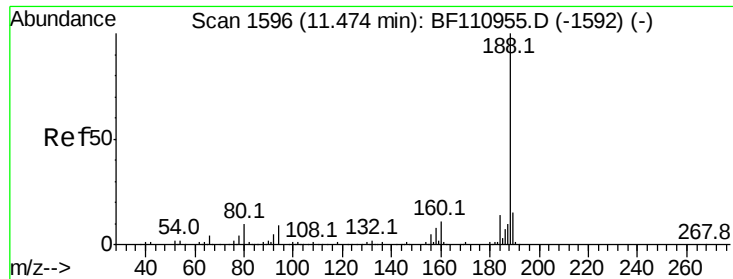
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#50
Dimethylphthalate
Concen: 2.036 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	11908		
194	3.7		3.2	4.8
164	9.3		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111000.D

Acq: 27 Nov 2018 10:53

Instrument :

BNA_F

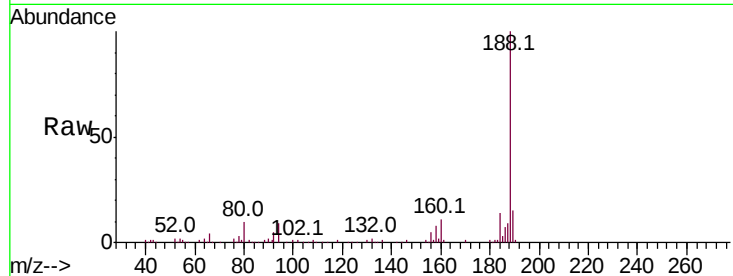
ClientSampleId :

COMP-1

Tot Ion:	188	Resp:	135737
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.7	7.9	11.9

Manual Integrations
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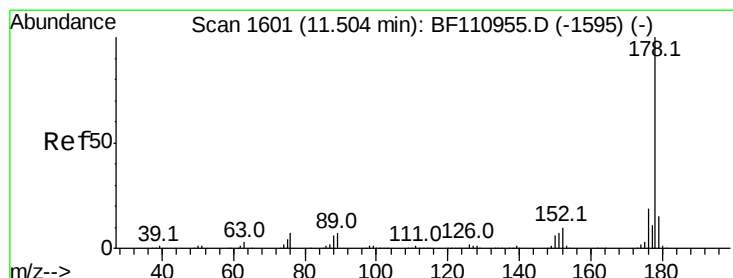
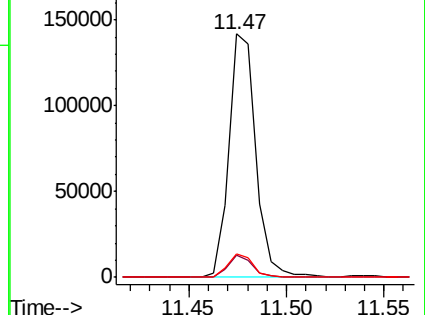
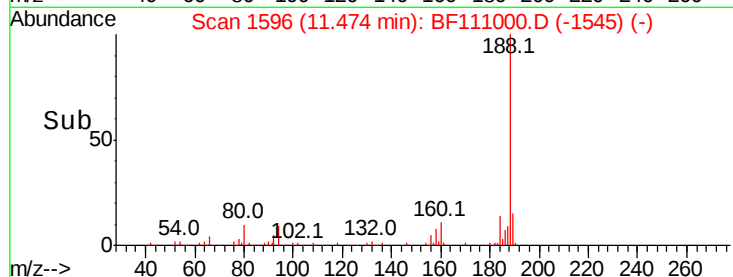
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 21.632 ng

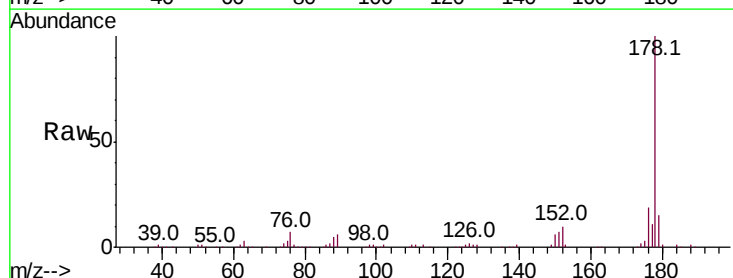
RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF111000.D

Acq: 27 Nov 2018 10:53

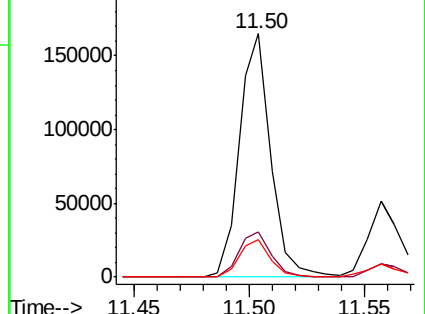
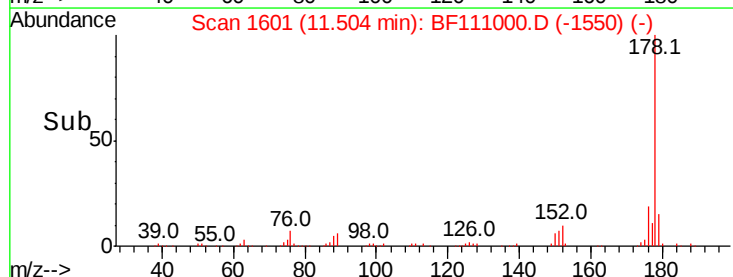
Tgt Ion:	178	Resp:	155515
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.5	23.3
179	15.3	12.5	18.7

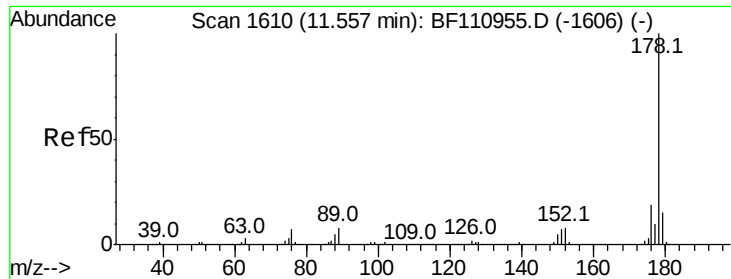


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





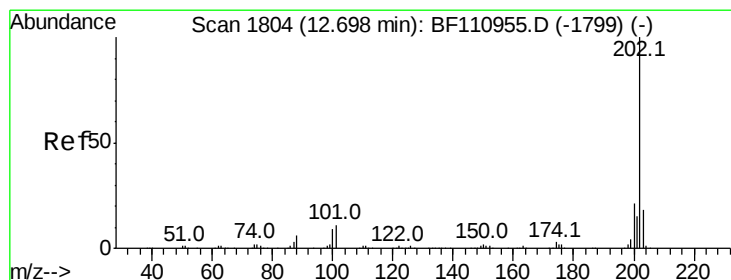
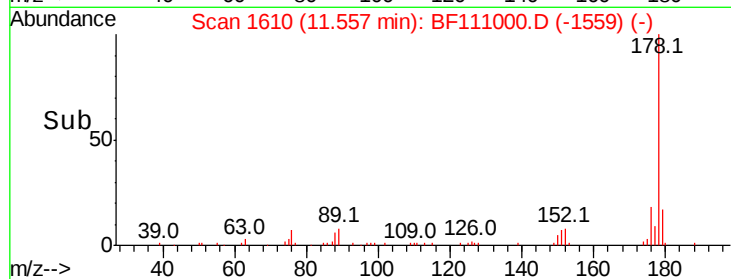
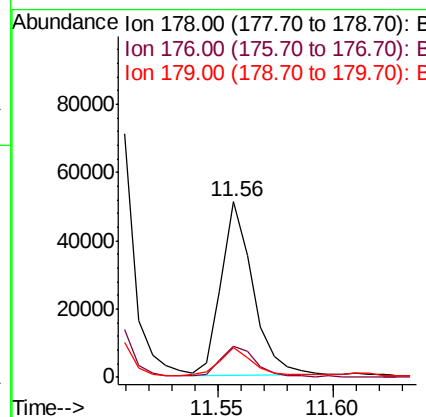
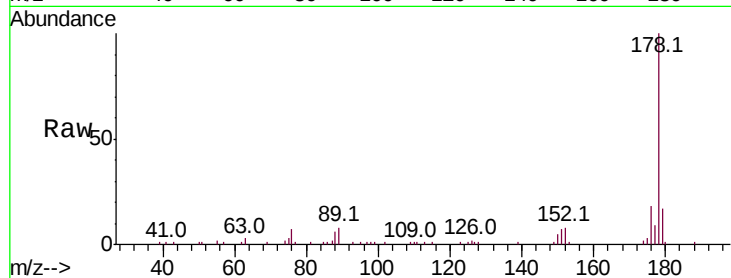
#72
 Anthracene
 Concen: 6.707 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.7	12.6	18.8

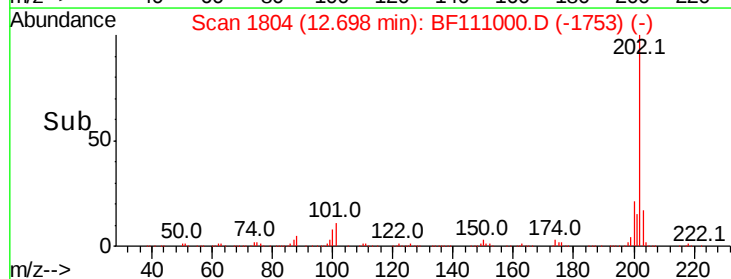
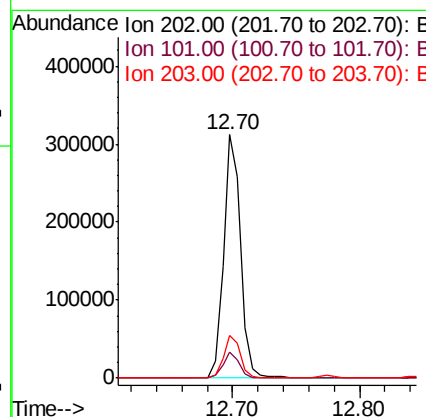
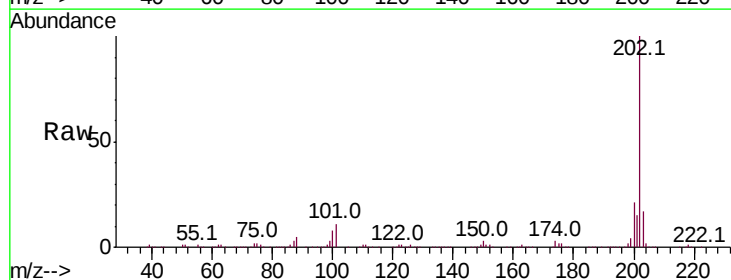
Manual Integrations
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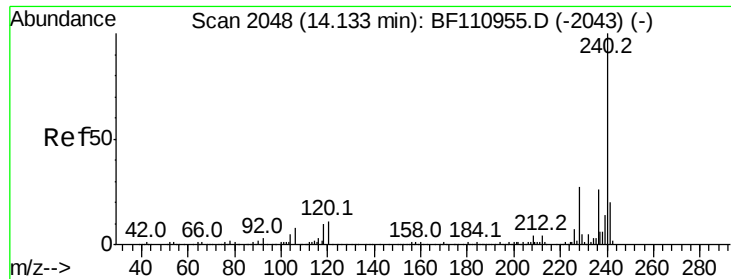
mohammad
 11/28/2018 4:42:01 PM



#75
 Fluoranthene
 Concen: 39.723 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.3	0.0	37.7





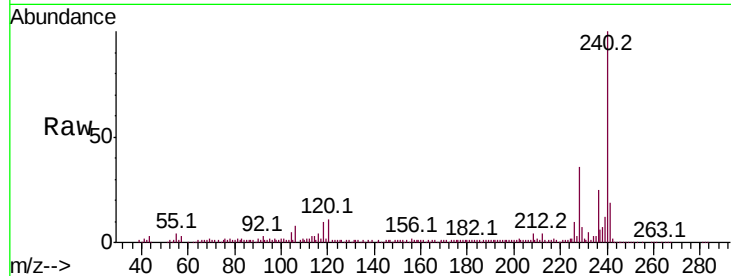
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

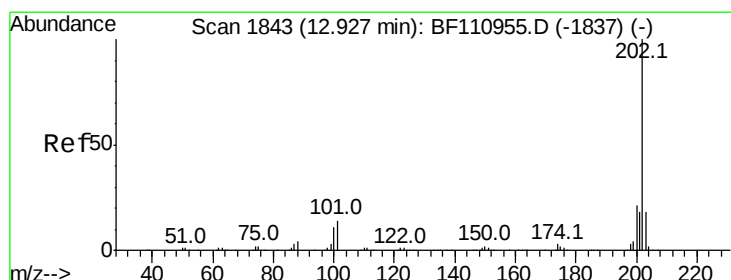
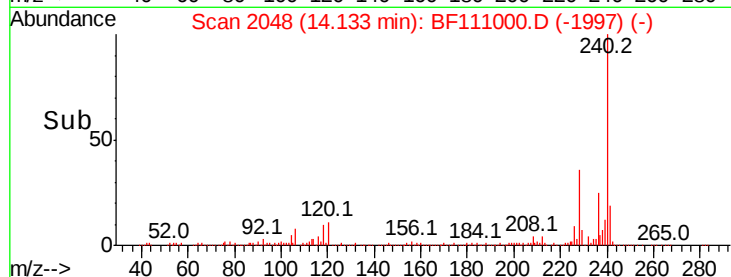
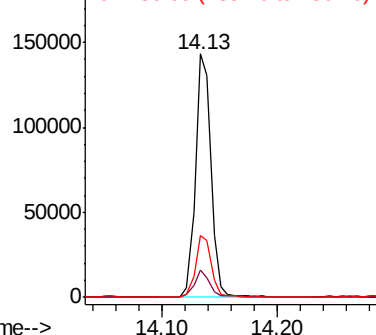
Tot Ion	Ratio	Resp	Lower	Upper
240	100	134572		
120	11.4	8.3	12.5	
236	25.4	21.2	31.8	

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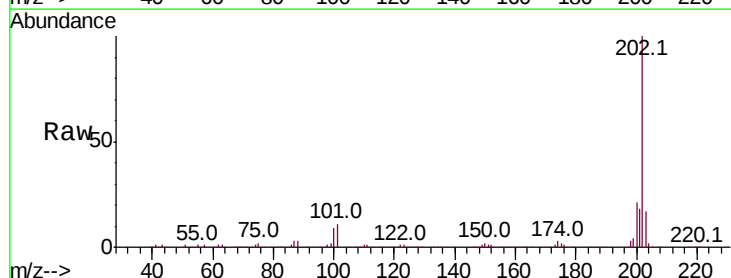


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

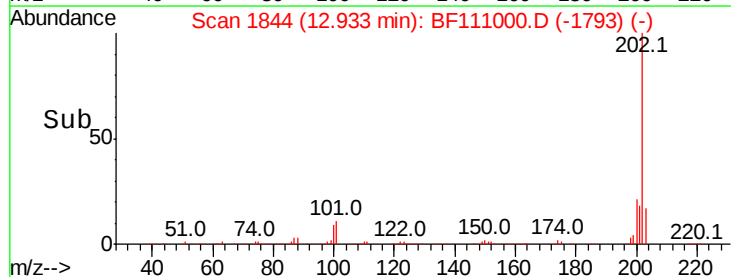
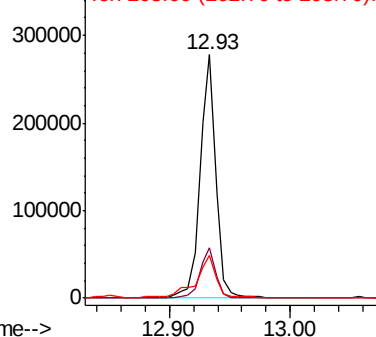


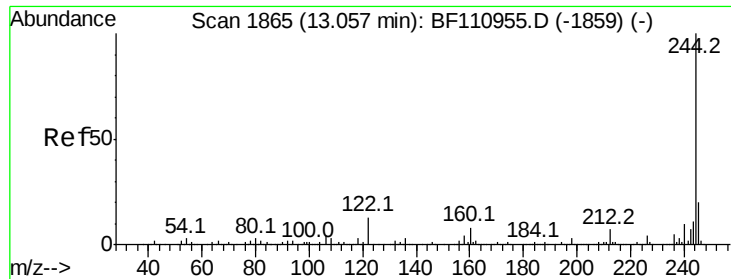
#78
Pyrene
Concen: 25.317 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	248832		
200	20.9	17.8	26.6	
203	17.3	14.2	21.4	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





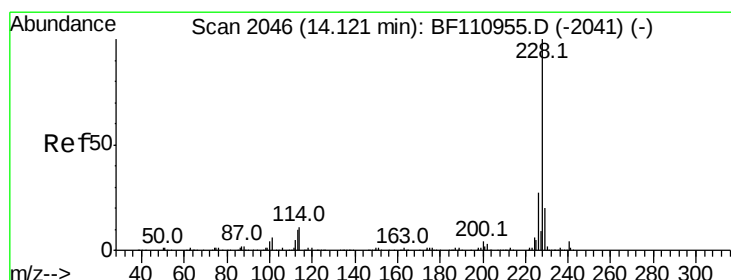
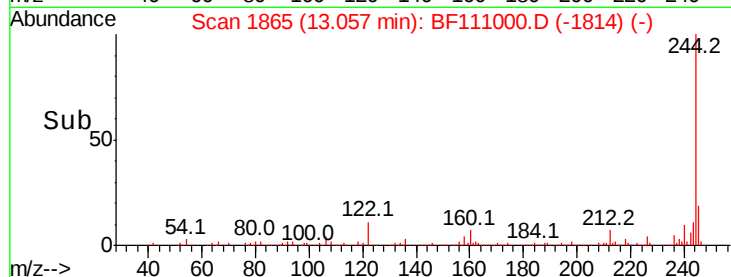
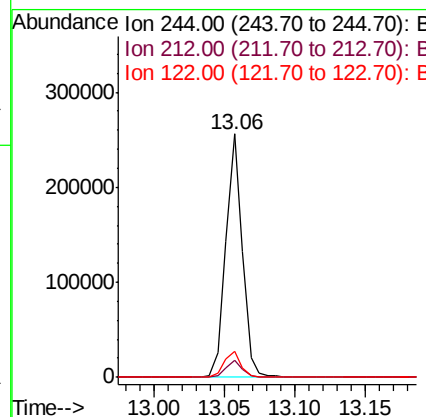
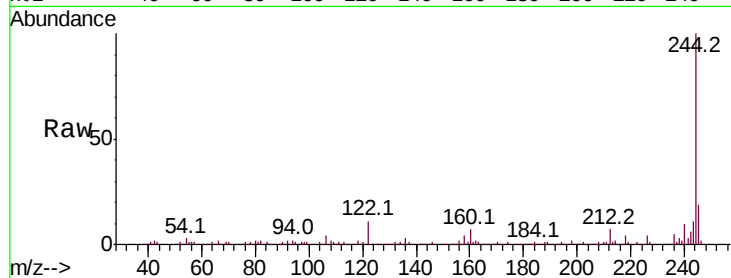
#79
 Terphenyl-d14
 Concen: 30.247 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.8	8.8	
122	10.5	8.7	13.1	

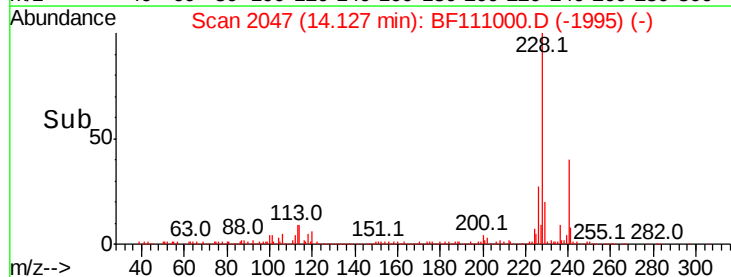
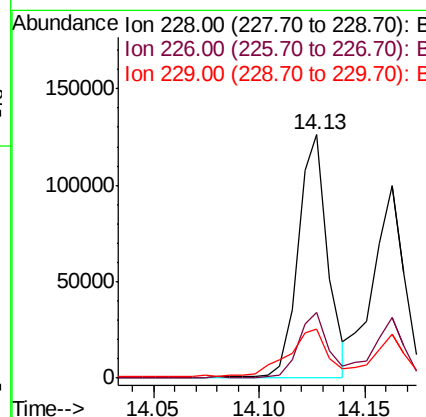
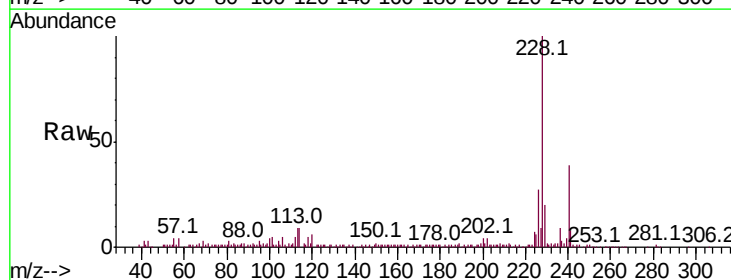
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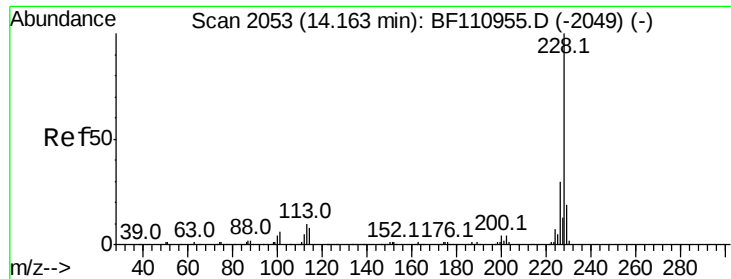
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#81
 Benzo(a)anthracene
 Concen: 15.398 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	26.9	22.1	33.1	
229	20.4	15.6	23.4	





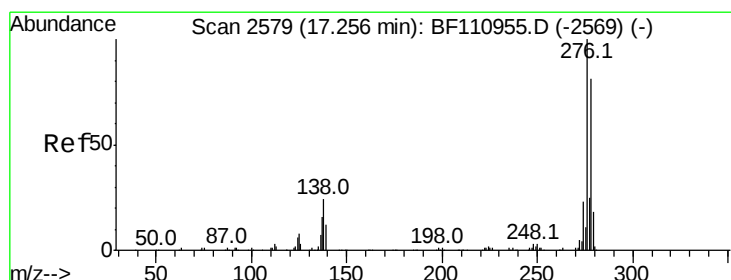
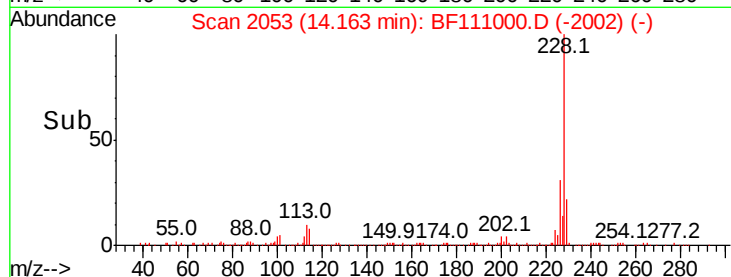
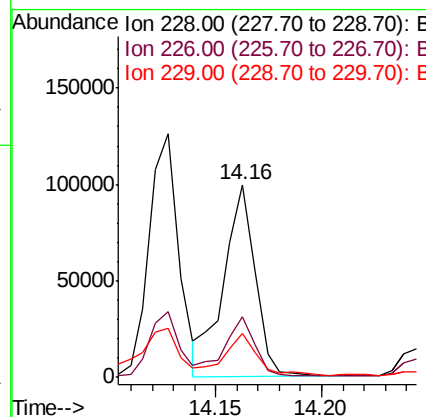
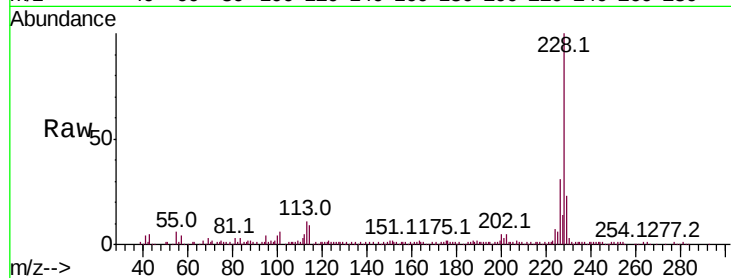
#83
Chrysene
Concen: 13.223 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:	228	Resp:	103415
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.7	37.1
229	22.9	15.9	23.9

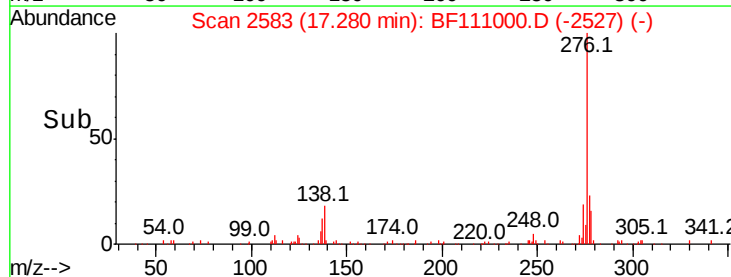
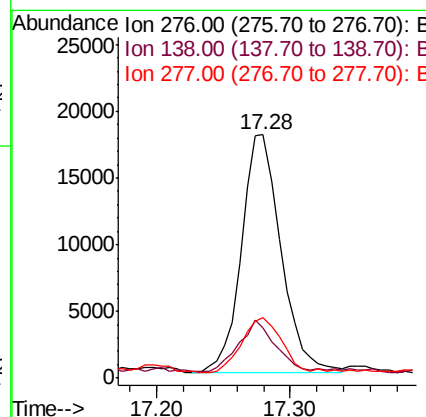
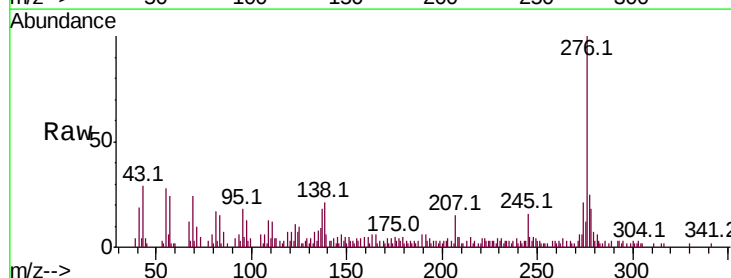
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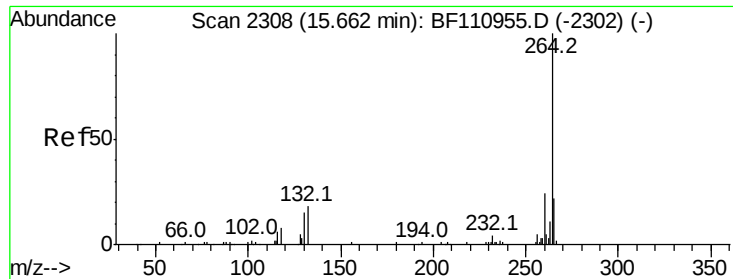
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.462 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion:	276	Resp:	36277
Ion Ratio	Lower	Upper	
276	100		
138	19.9	18.5	27.7
277	24.2	20.0	30.0





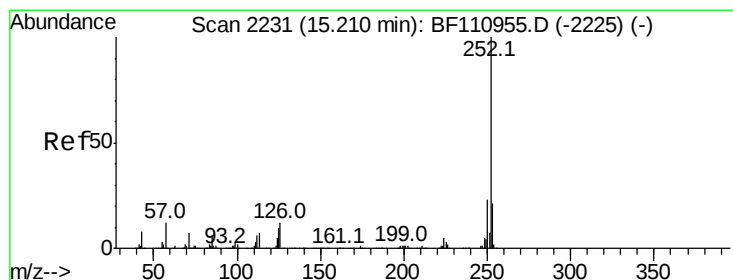
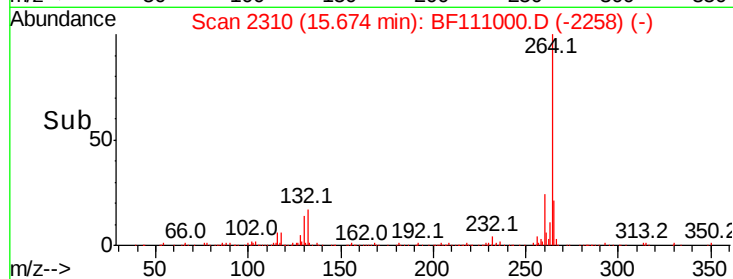
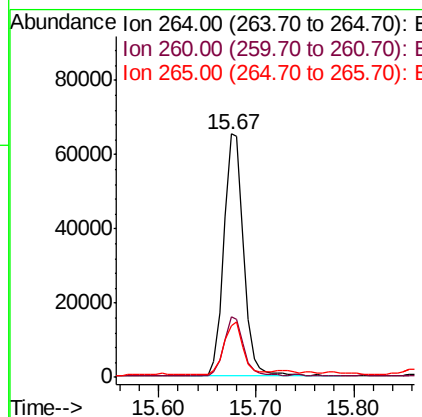
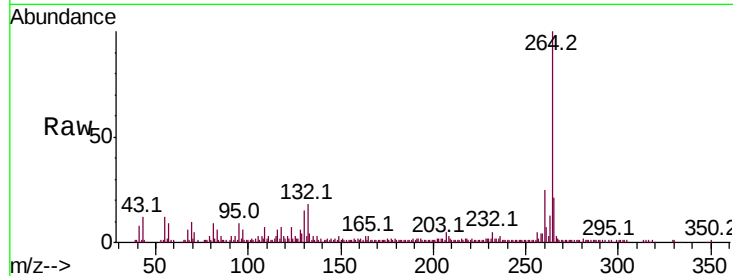
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.7	28.1
265	21.3	16.7	25.1

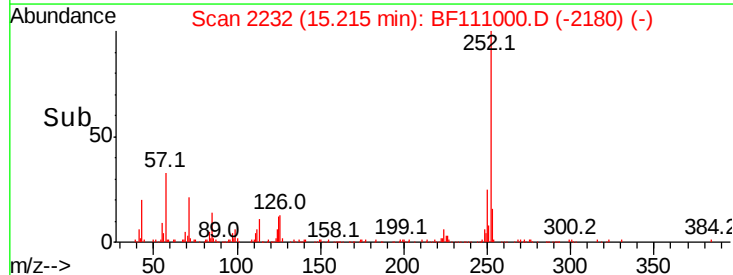
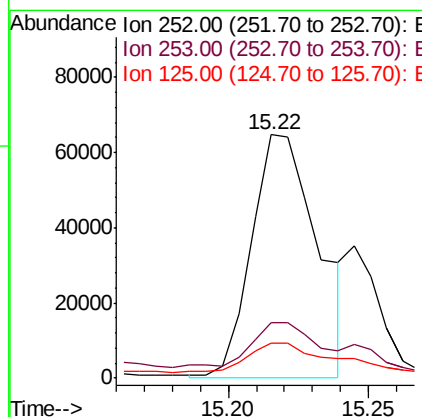
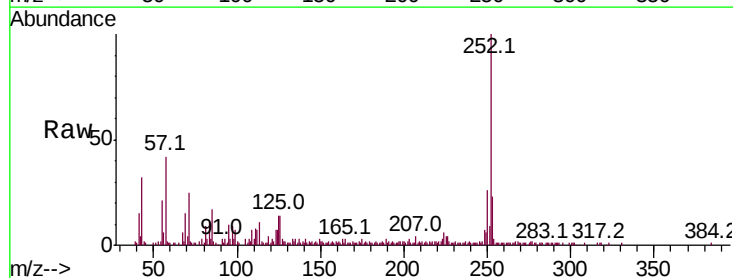
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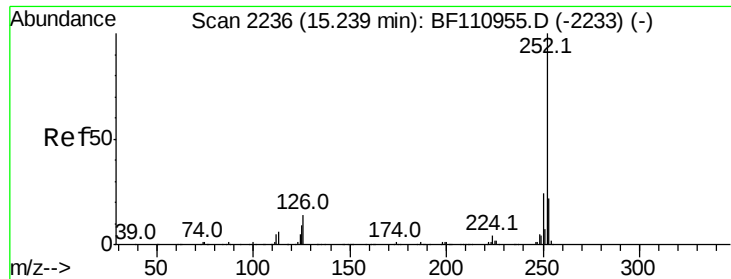
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#88
 Benzo(b)fluoranthene
 Concen: 19.890 ng m
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: BF111000.D
 Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.1	8.2	12.4#





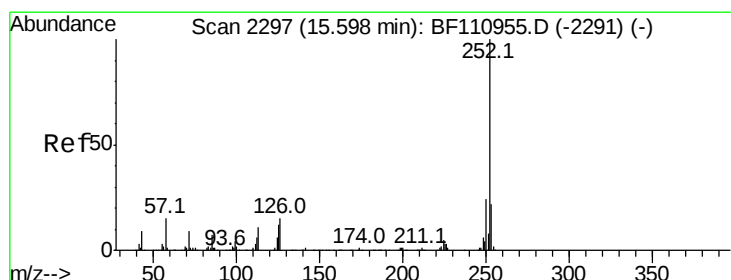
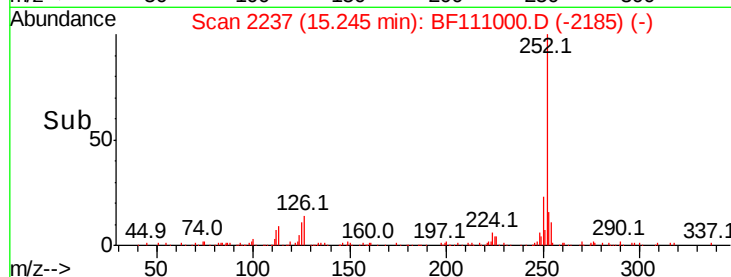
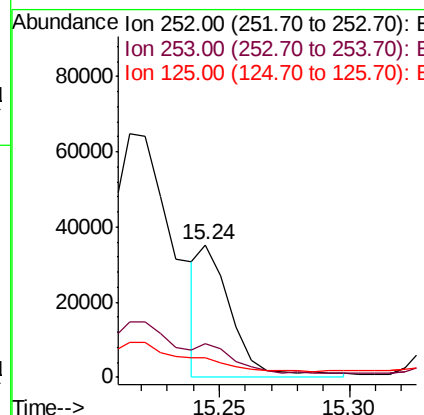
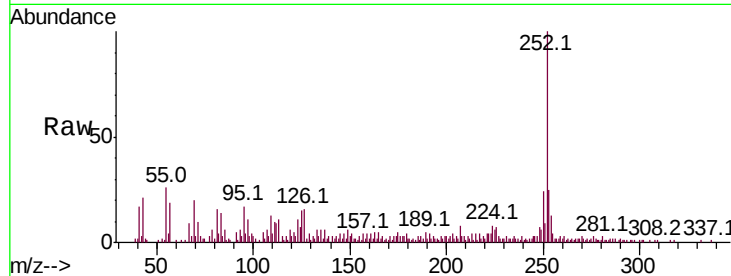
#89
Benzo(k)fluoranthene
Concen: 5.623 ng m
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	14.9	7.4	11.0

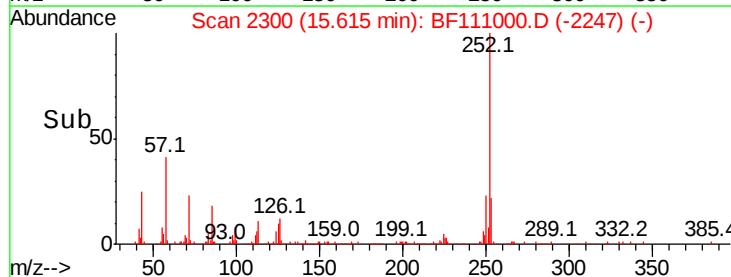
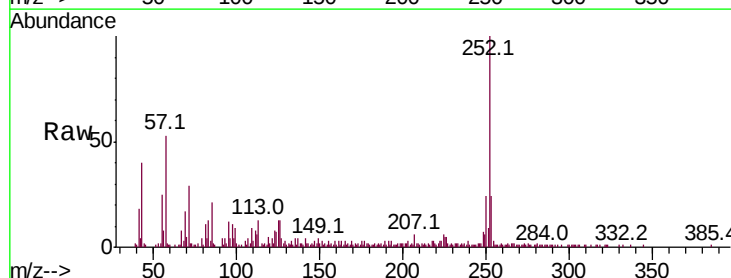
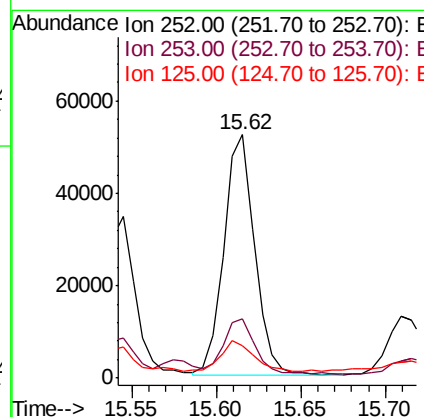
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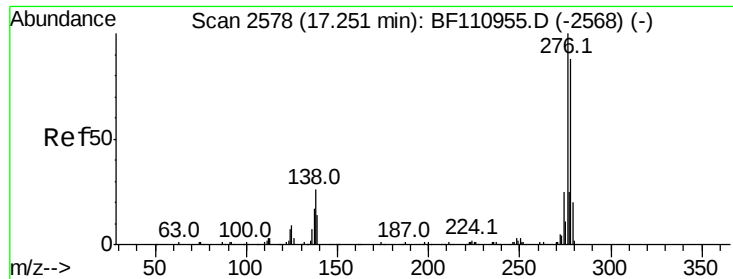
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#90
Benzo(a)pyrene
Concen: 13.315 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	13.5	9.0	13.6





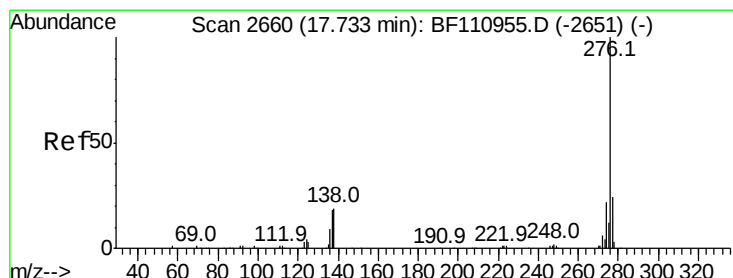
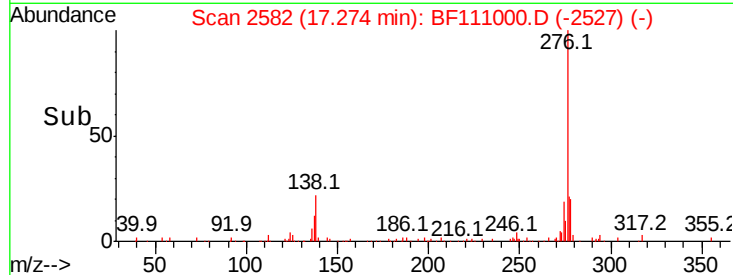
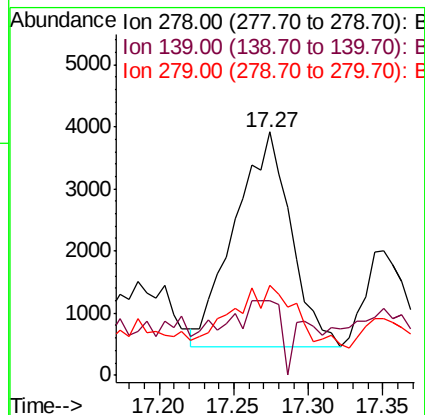
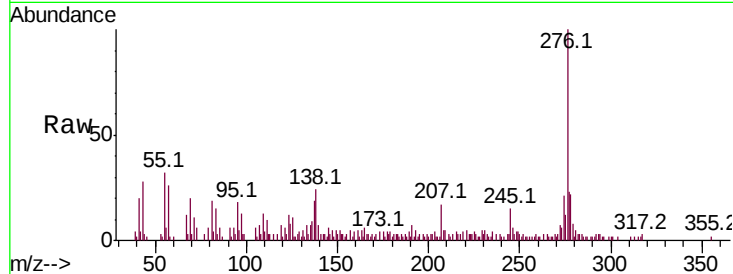
#91
Dibenzo(a,h)anthracene
Concen: 2.182 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.8	12.7	19.1#
279	37.2	19.0	28.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.199 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.03 min
Lab File: BF111000.D
Acq: 27 Nov 2018 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.8	28.2
138	26.4	16.0	24.0#

