

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104284.D
 Acq On : 5 Apr 2018 21:53
 Operator : JU/SJ
 Sample : J2239-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Manual Integrations
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 4/6/2018 11:57:57 AM

Quant Time: Apr 06 01:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111532	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	509204	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	240682	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	429838	20.00	ng	0.00
75) Chrysene-d12	14.13	240	306518	20.00	ng	-0.01
86) Perylene-d12	15.67	264	252700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1011609	144.65	ng	-0.01
7) Phenol-d6	6.59	99	1288699	149.77	ng	-0.02
23) Nitrobenzene-d5	7.52	82	843756	101.34	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	361737	134.98	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1422437	93.20	ng	0.00
78) Terphenyl-d14	13.06	244	1215614	91.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.69	163	136722	7.195	ng	99
70) Phenanthrene	11.50	178	96744	4.157	ng	98
74) Fluoranthene	12.70	202	204583	8.270	ng	97
77) Pyrene	12.93	202	205319	9.318	ng	98
80) Benzo(a)anthracene	14.12	228	110675m	5.771	ng	
82) Chrysene	14.16	228	126037	6.709	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	70622	3.628	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	120604m	7.842	ng	
88) Benzo(k)fluoranthene	15.23	252	60585m	4.182	ng	
89) Benzo(a)pyrene	15.61	252	112623	7.902	ng	97
91) Benzo(g,h,i)perylene	17.73	276	75375	5.711	ng	96

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

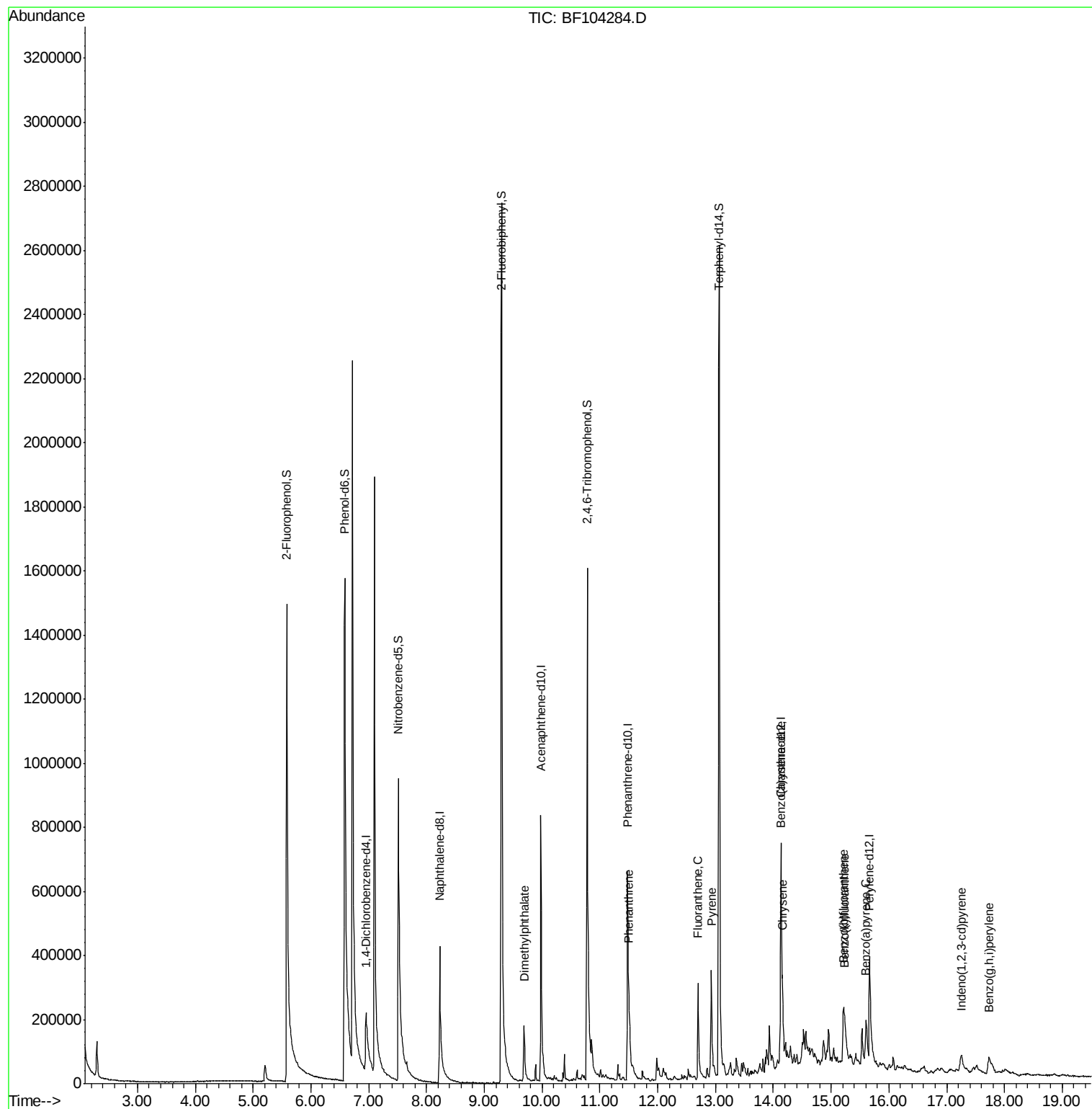
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104284.D
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Operator : JU/SJ
Sample : J2239-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

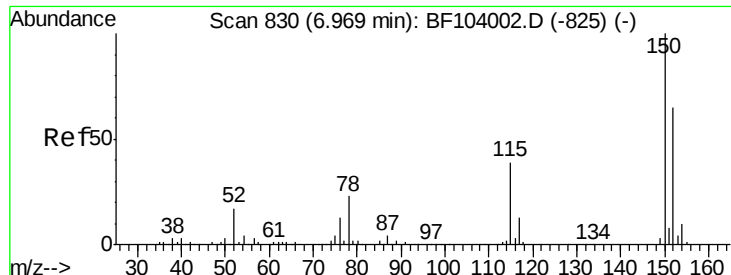
Instrument :
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ClientSampleId :
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#1

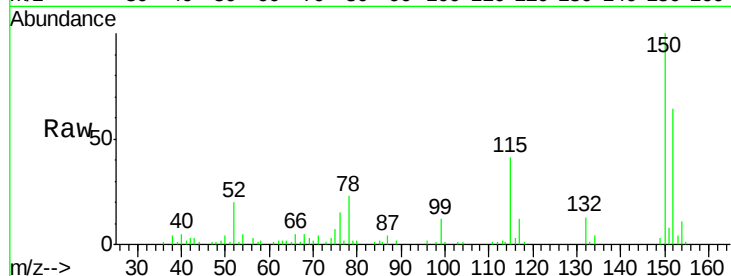
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

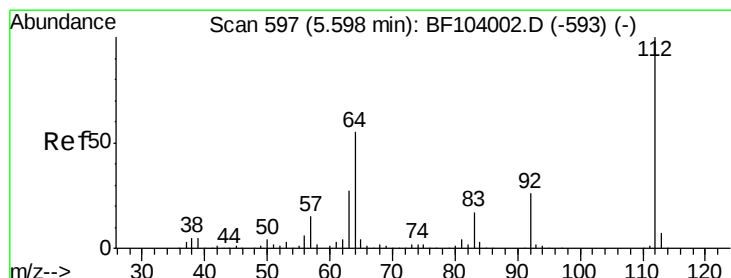
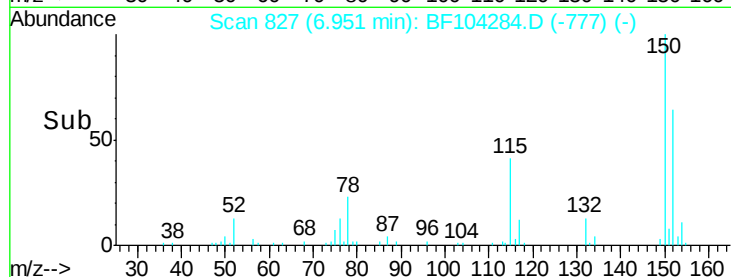
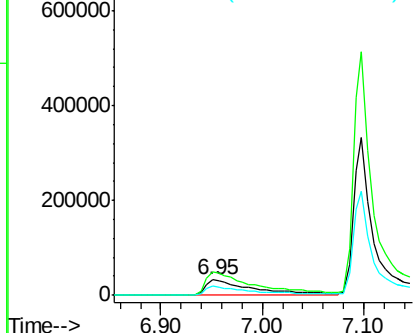
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	63.5	50.1	75.1

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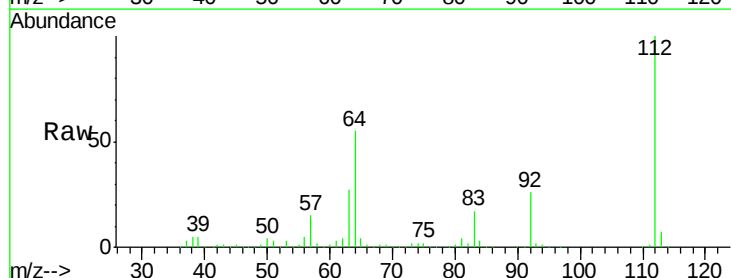
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



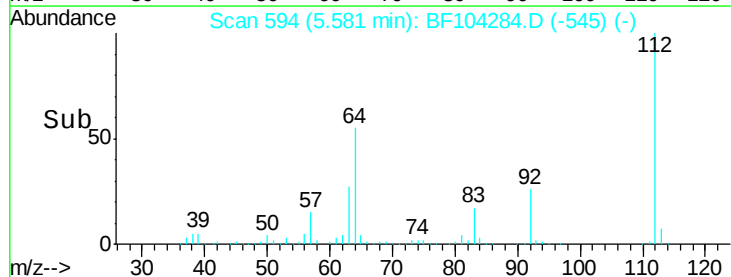
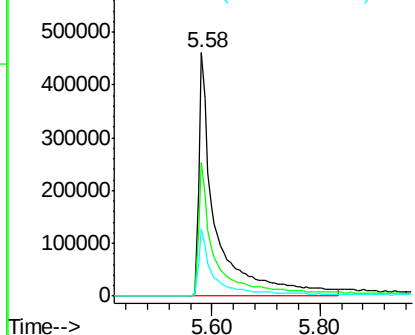
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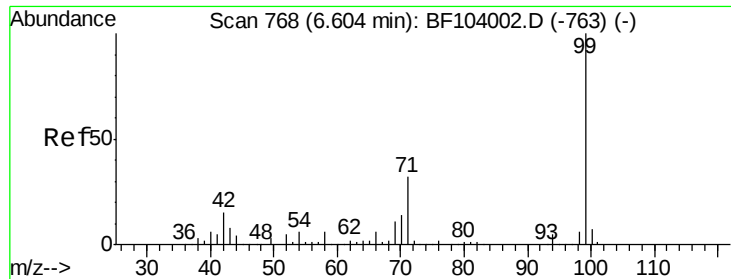
2-Fluorophenol
Concen: 144.646 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.3	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: 149.773 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF104284.D

Acq: 5 Apr 2018 21:53

Instrument :

BNA_F

ClientSampleId :

S-1-COMP

Tot Ion: 99 Resp: 1288699

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

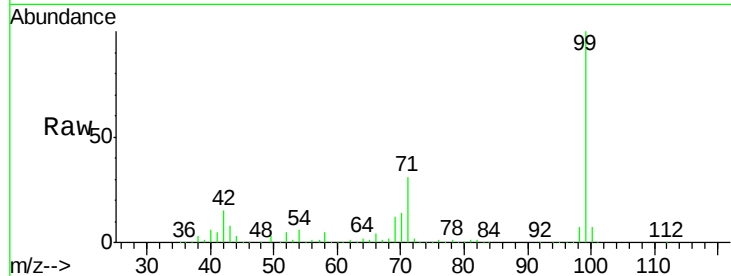
71 31.4 25.4 38.0

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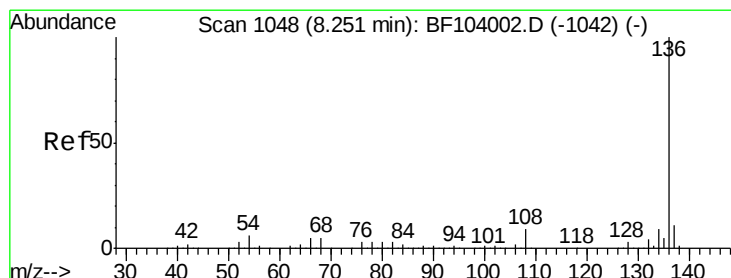
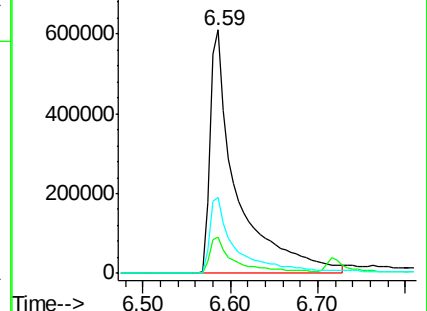
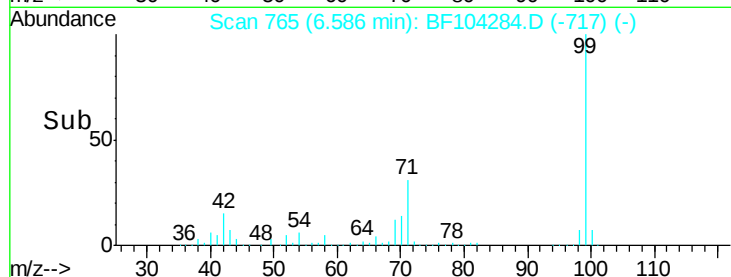
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104284.D

Acq: 5 Apr 2018 21:53

Tgt Ion: 136 Resp: 509204

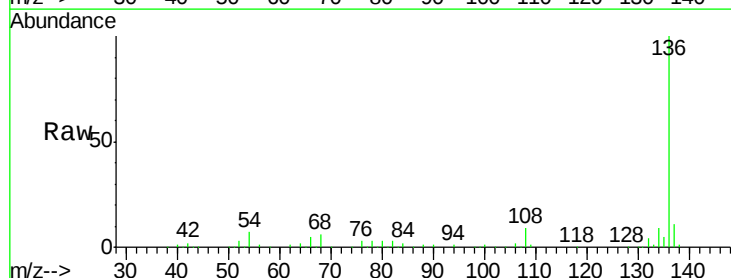
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

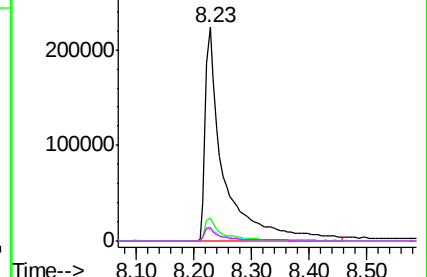
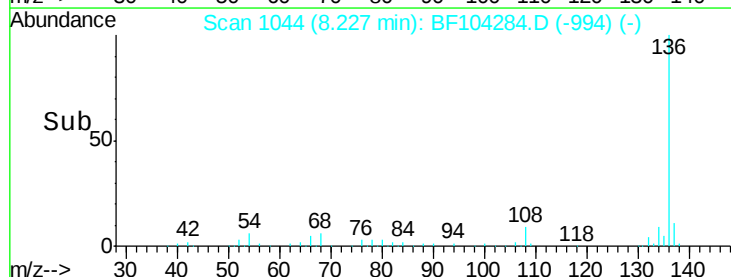


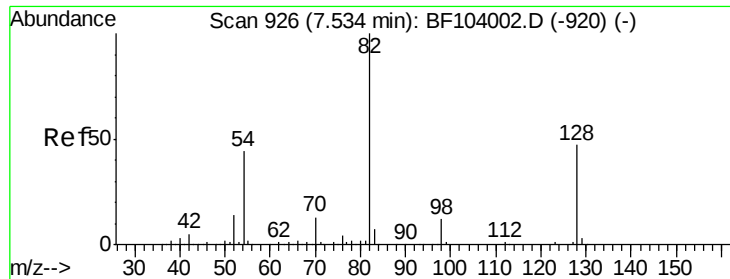
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





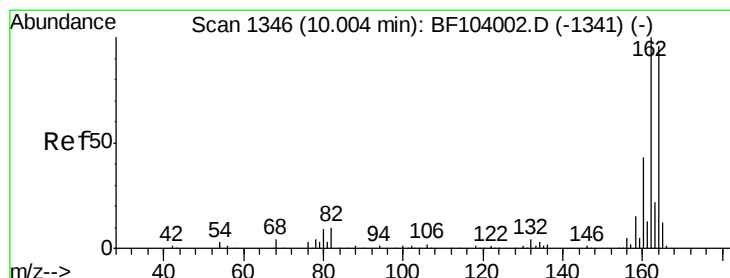
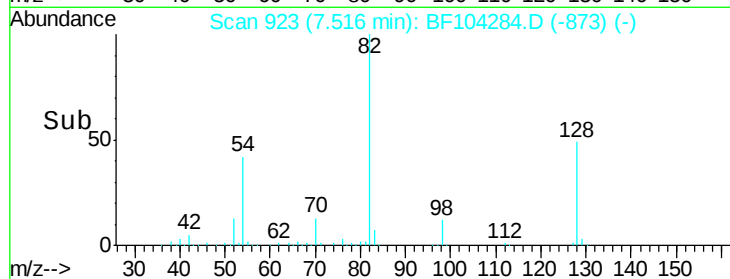
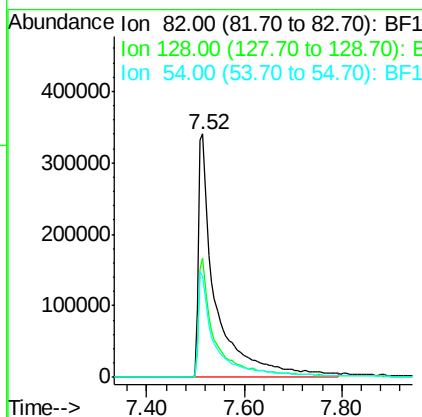
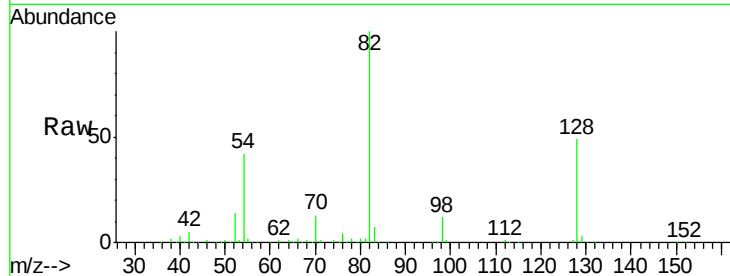
#23
 Nitrobenzene-d5
 Concen: 101.335 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Instrument :
 BNA_F
 ClientSampled :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	41.9	41.4	62.2

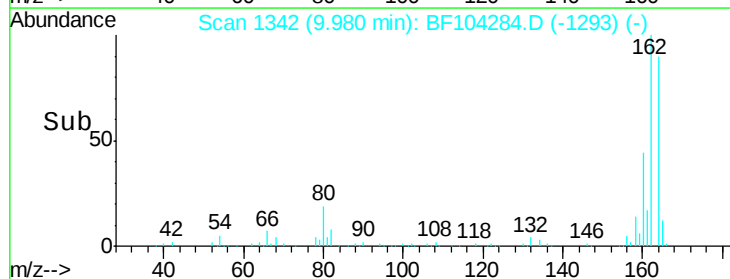
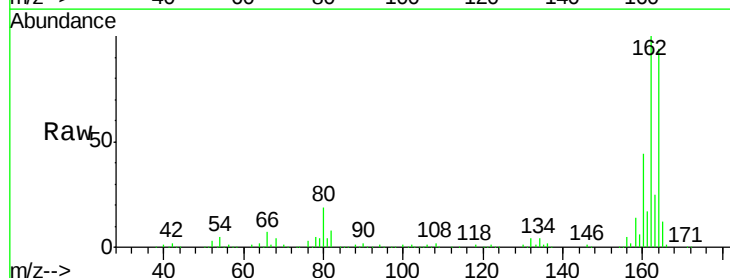
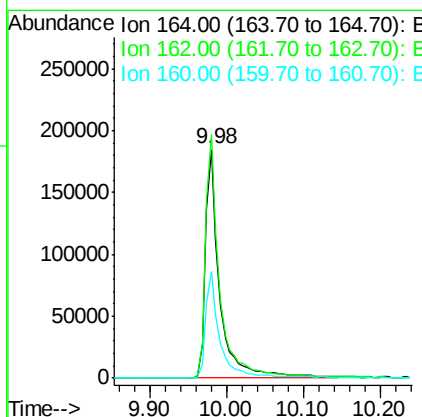
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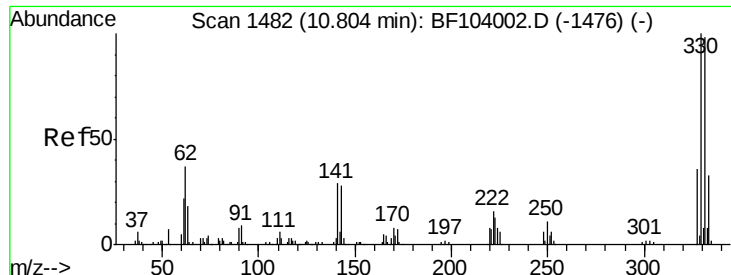
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	46.6	38.3	57.5





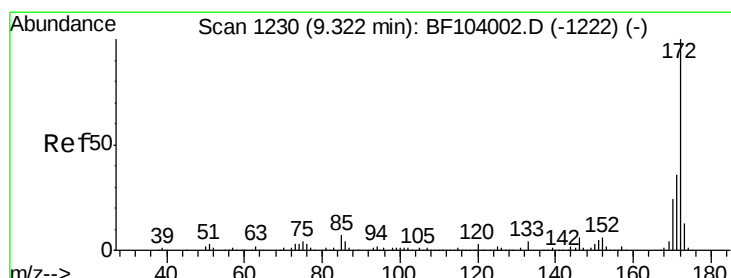
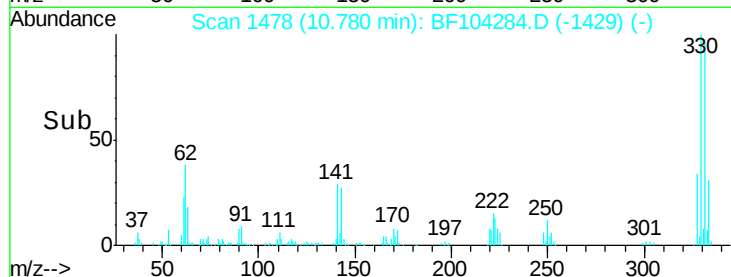
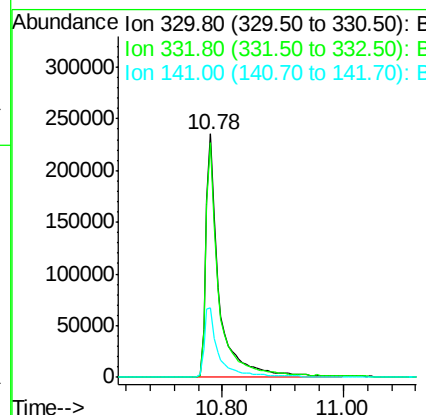
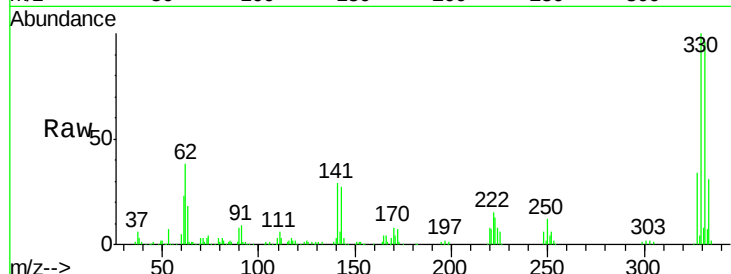
#41
 2,4,6-Tribromophenol
 Concen: 134.977 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	30.8	29.9	44.9

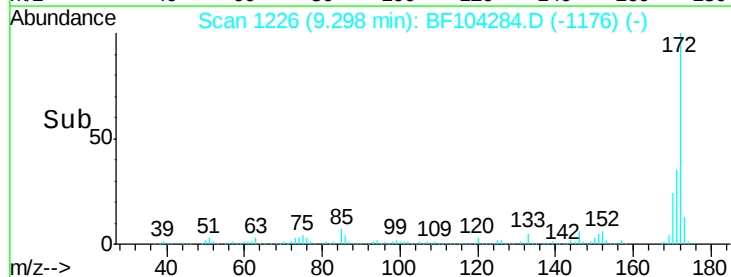
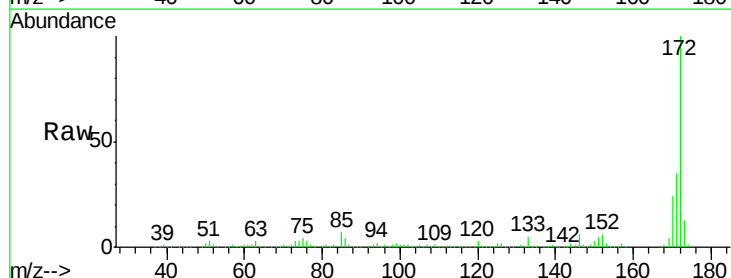
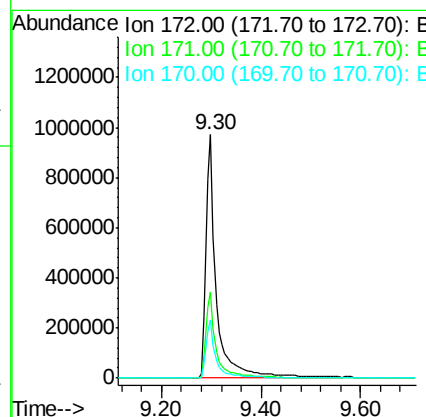
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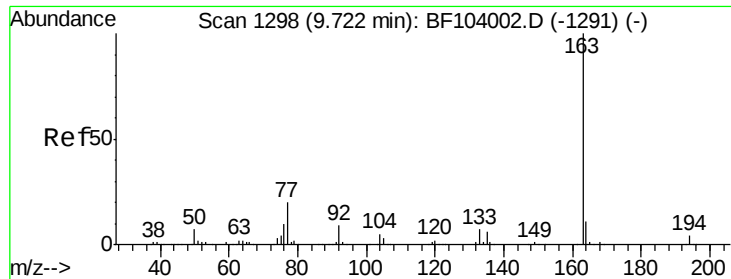
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#44
 2-Fluorobiphenyl
 Concen: 93.196 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	19.6	29.4





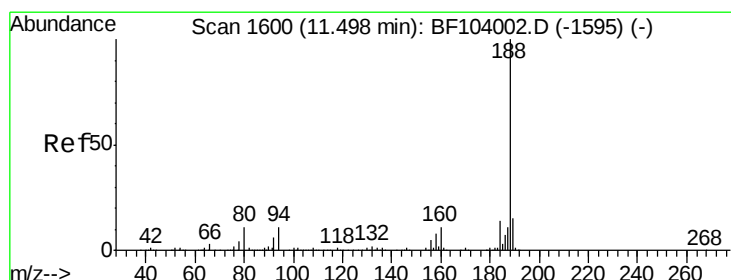
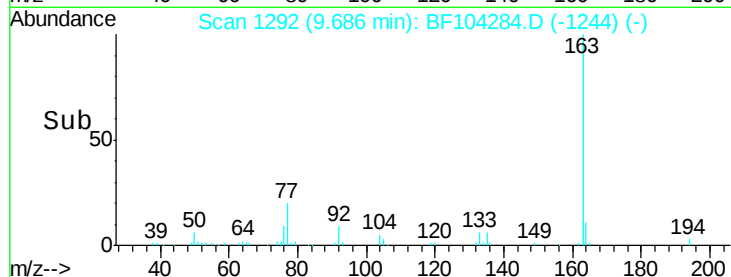
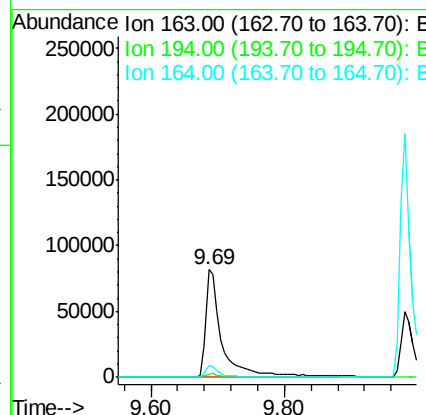
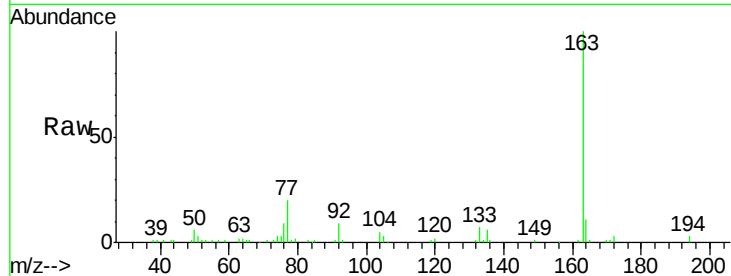
#49
Dimethylphthalate
Concen: 7.195 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampled :
S-1-COMP

Tot Ion:	163	Resp:	136722
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2

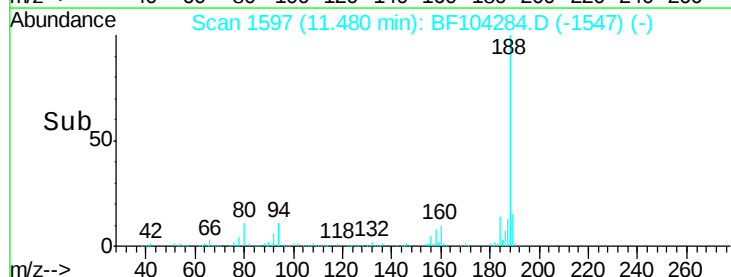
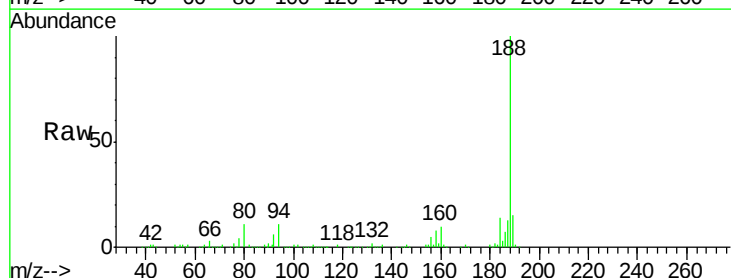
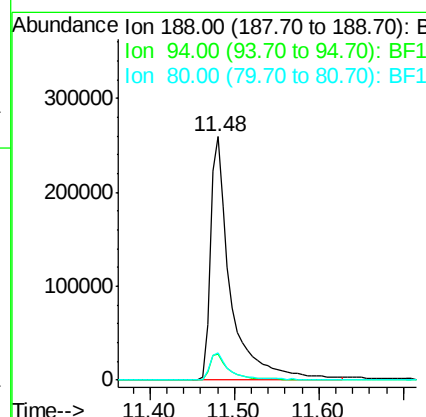
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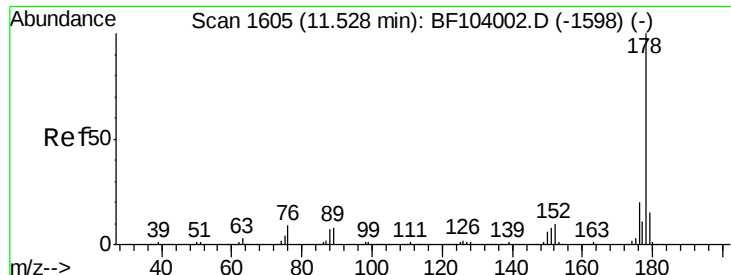
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion:	188	Resp:	429838
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8





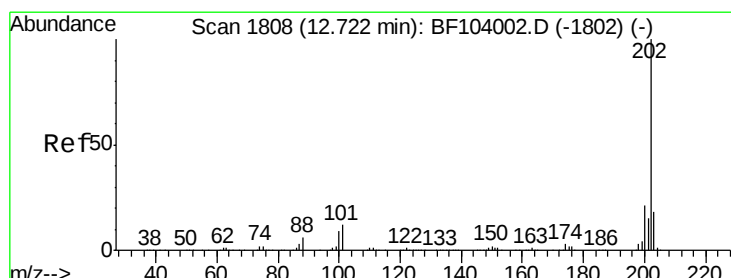
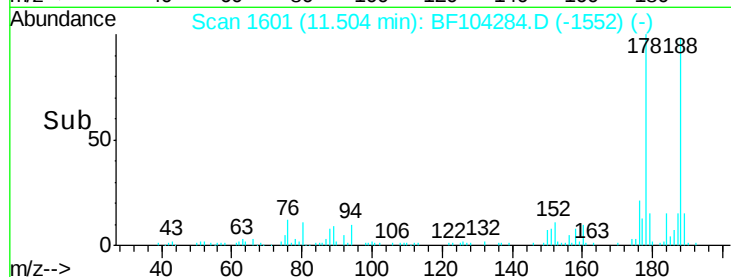
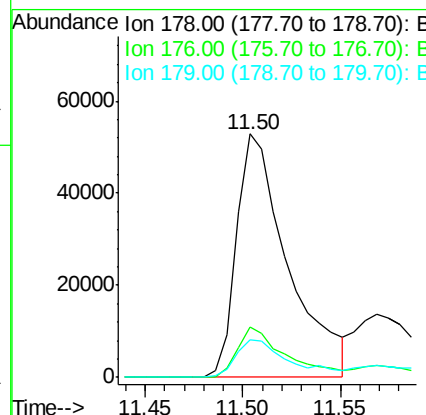
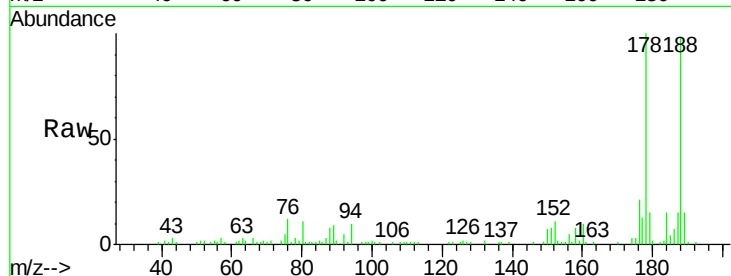
#70
Phenanthrene
Concen: 4.157 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.5	13.0	19.6

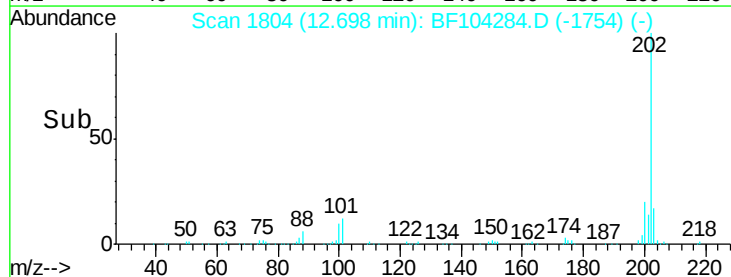
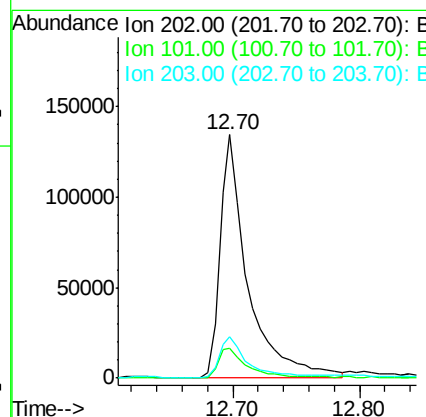
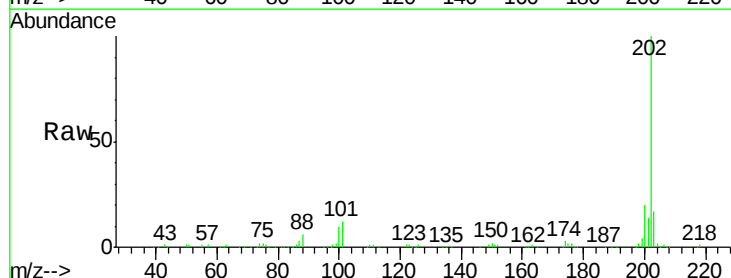
Manual Integrations
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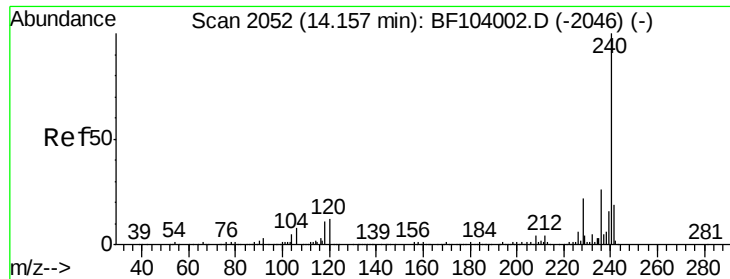
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#74
Fluoranthene
Concen: 8.270 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.1	0.0	38.1





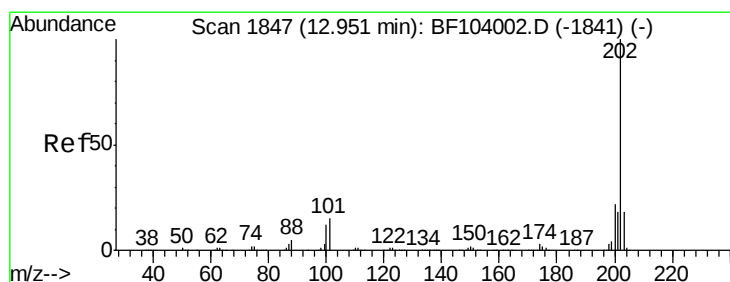
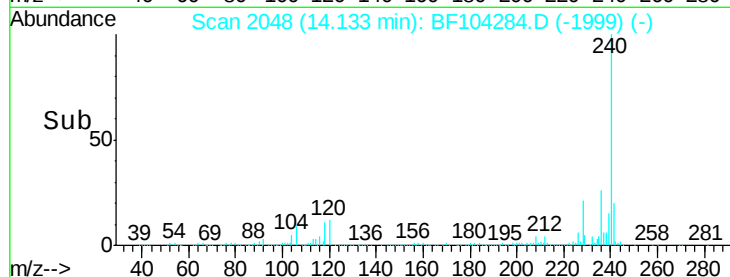
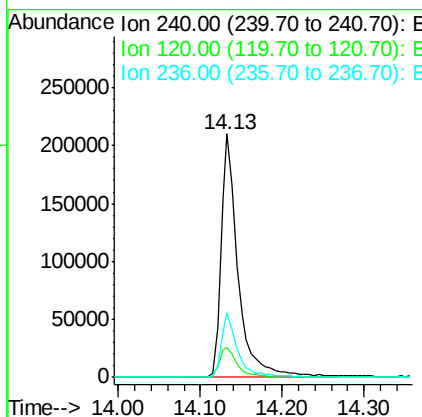
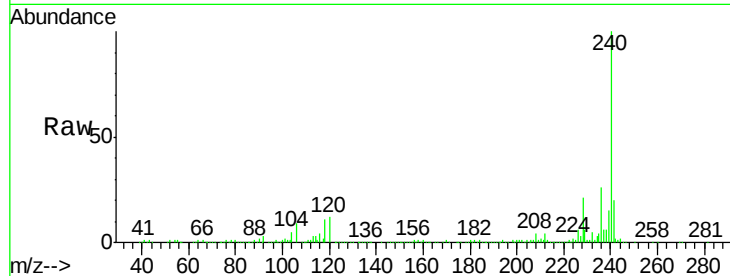
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	306518		
120	12.2	9.5	14.3	
236	26.5	20.7	31.1	

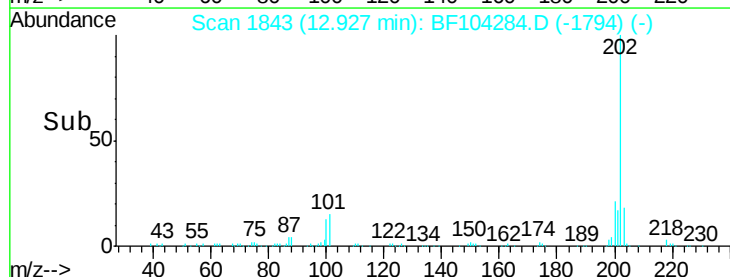
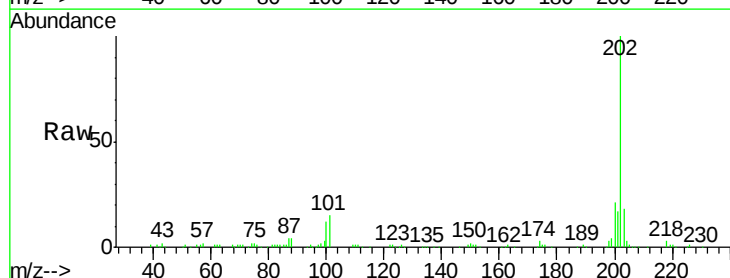
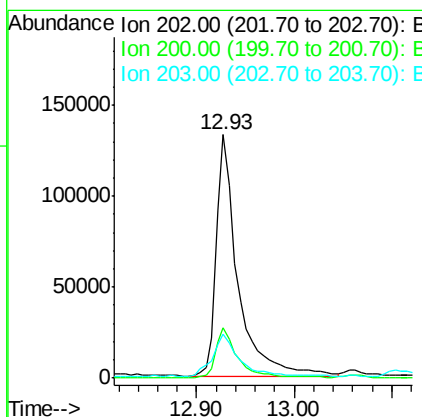
Manual Integrations
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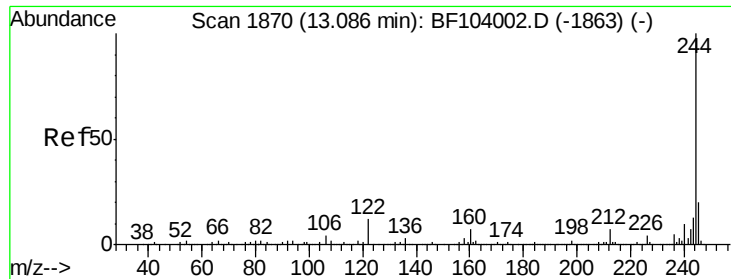
Sohil
4/6/2018 11:57:57 AM



#77
Pyrene
Concen: 9.318 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	205319		
200	20.6	17.4	26.2	
203	18.1	14.3	21.5	





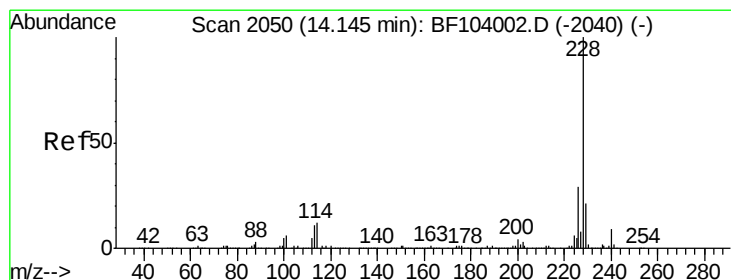
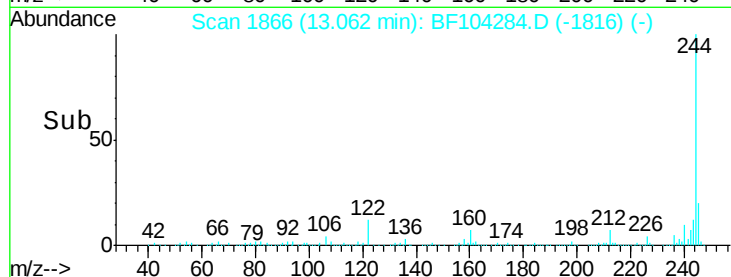
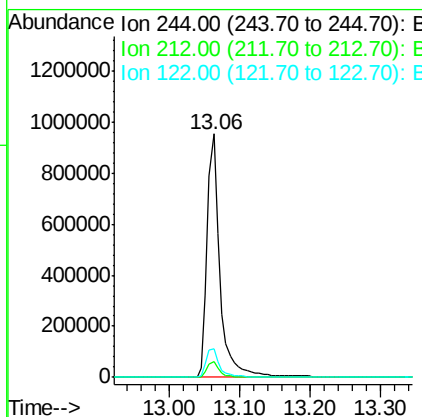
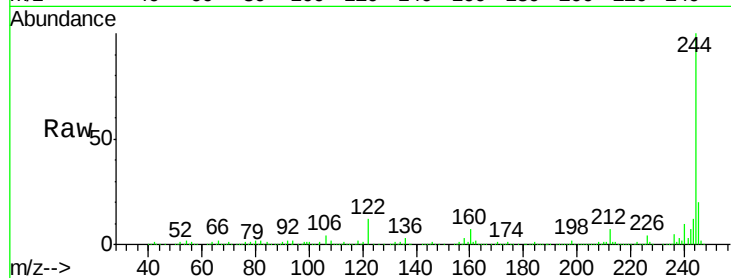
#78
 Terphenyl-d14
 Concen: 91.570 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion:244 Resp: 1215614
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 11.0 16.4

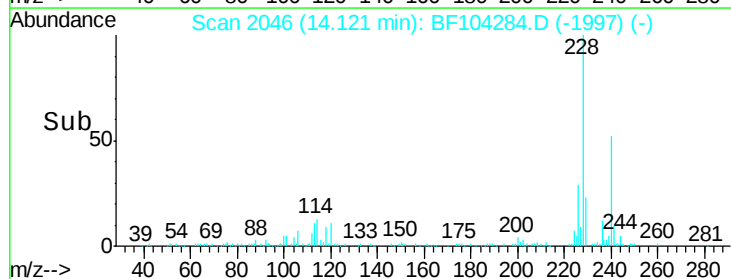
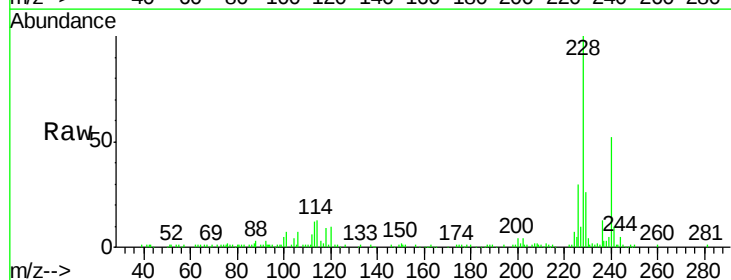
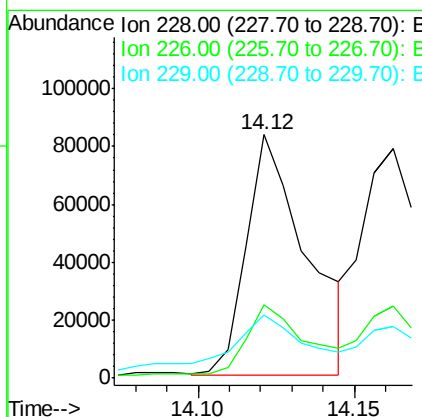
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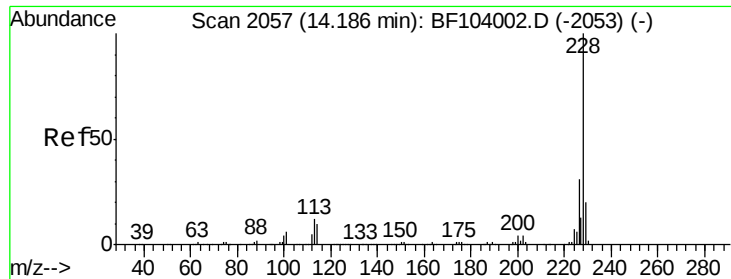
Sohil
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#80
 Benzo(a)anthracene
 Concen: 5.771 ng m
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Tgt Ion:228 Resp: 110675
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.6 33.8
 229 25.9 15.8 23.6#





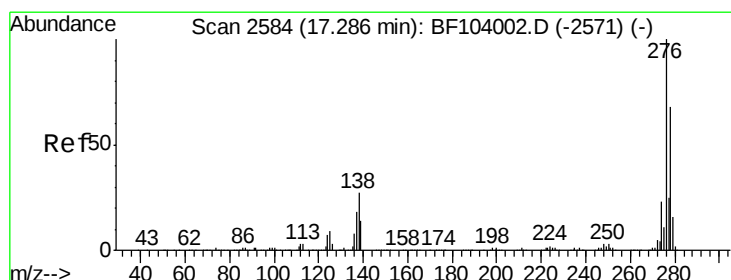
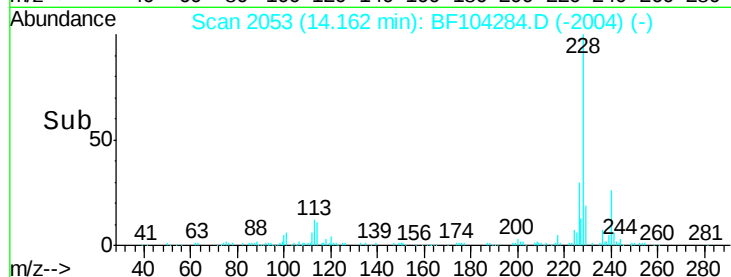
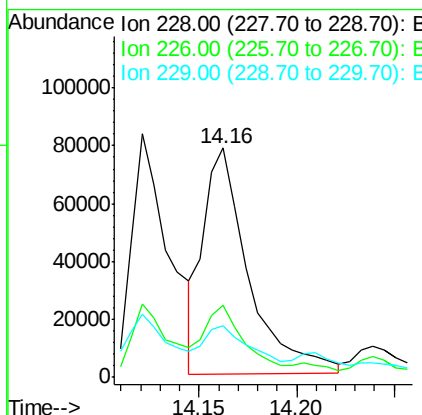
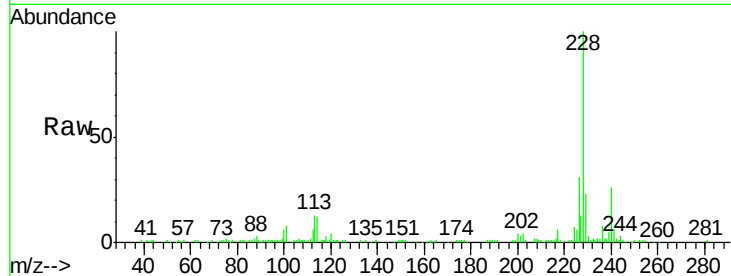
#82
Chrysene
Concen: 6.709 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampled :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.7	16.2	24.4

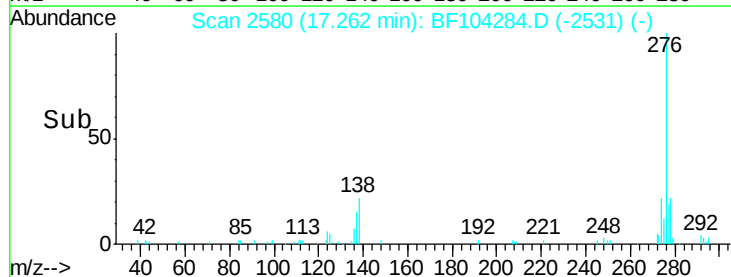
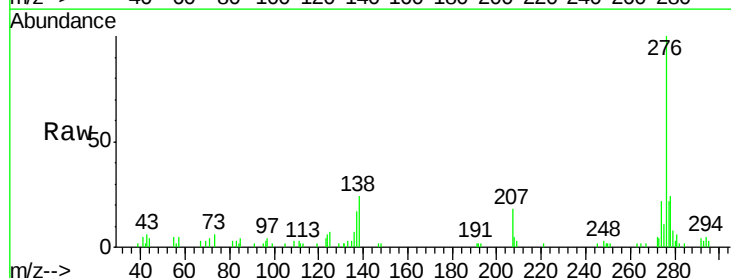
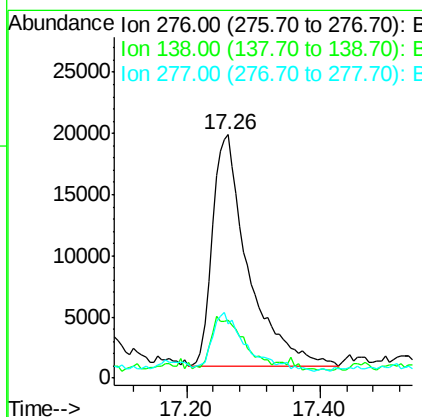
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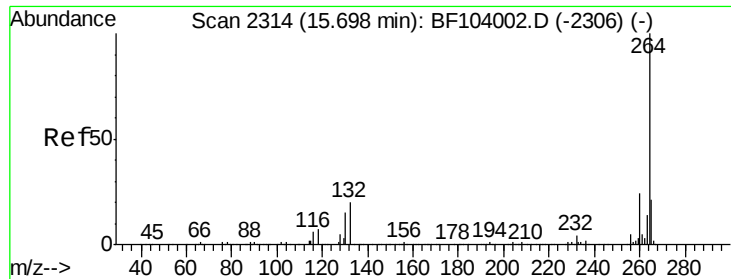
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.628 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	25.0	37.6#
277	24.4	20.1	30.1





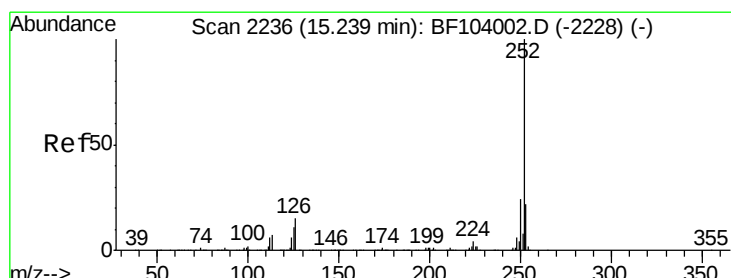
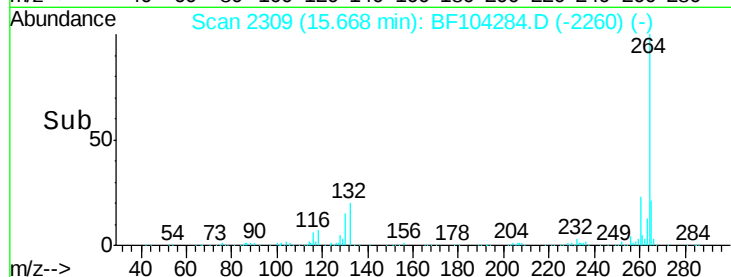
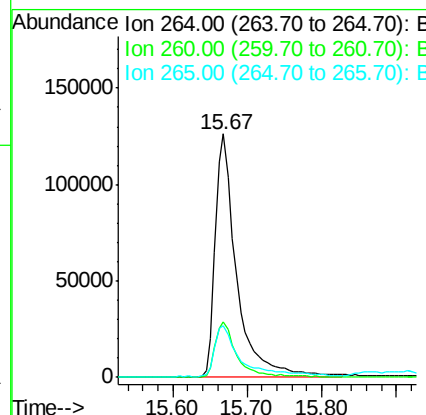
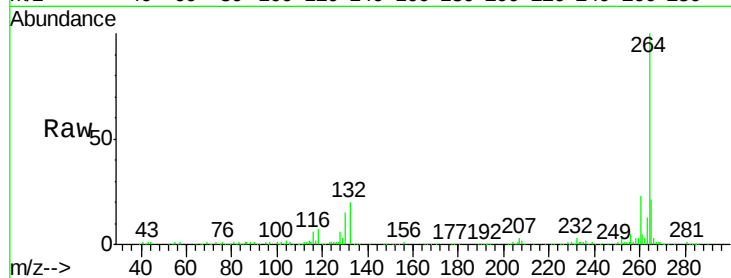
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

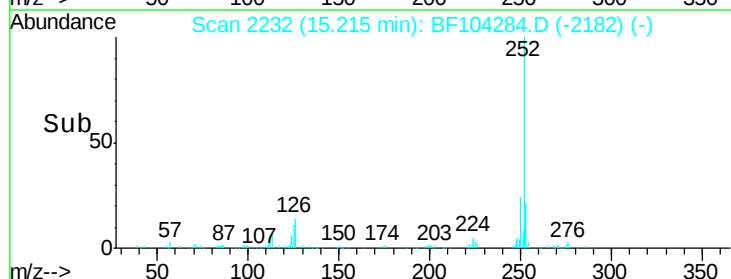
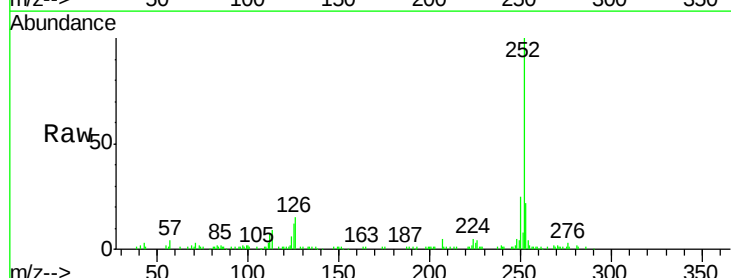
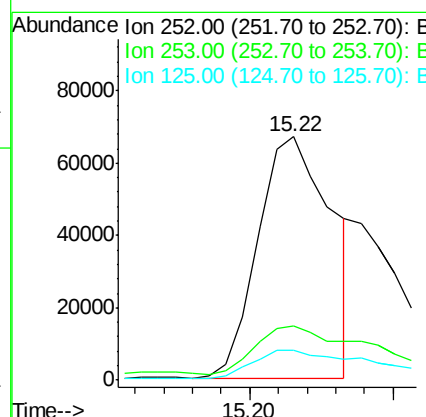
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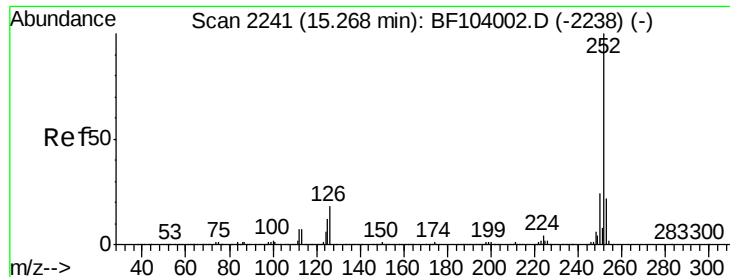
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#87
Benzo(b)fluoranthene
Concen: 7.842 ng m
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF104284.D
Acq: 5 Apr 2018 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.1	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 4.182 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF104284.D

Acq: 5 Apr 2018 21:53

Instrument :

BNA_F

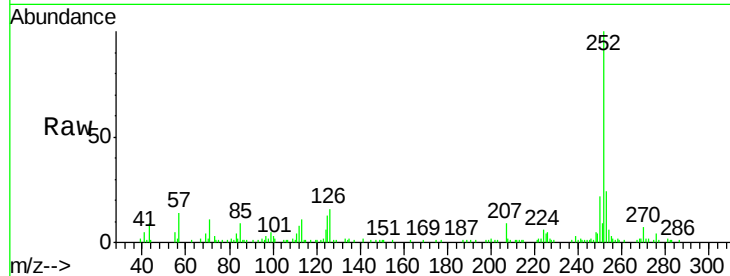
ClientSampleId :

S-1-COMP

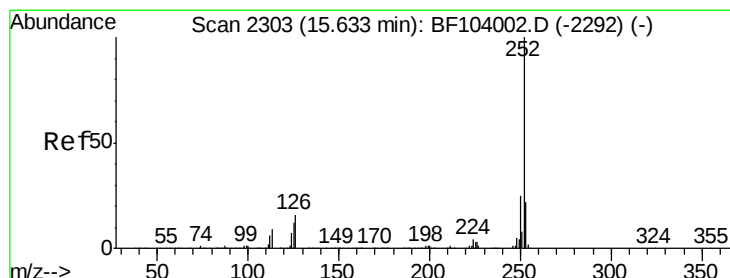
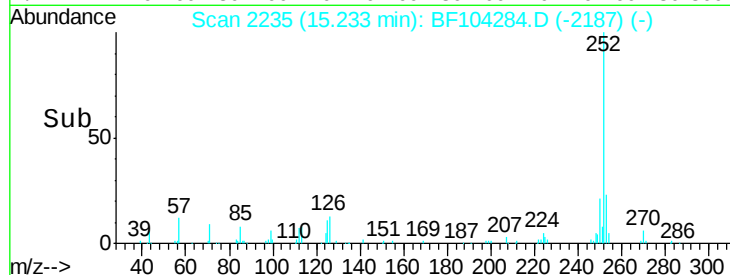
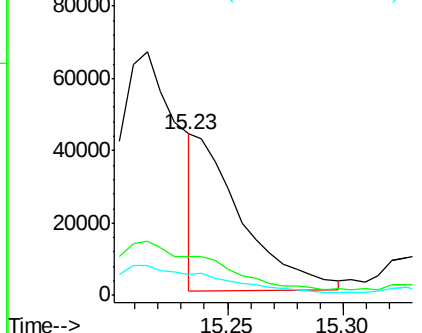
Tot Ion:	252	Resp:	60585
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	12.8	10.2	15.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 7.902 ng

RT: 15.61 min Scan# 2299

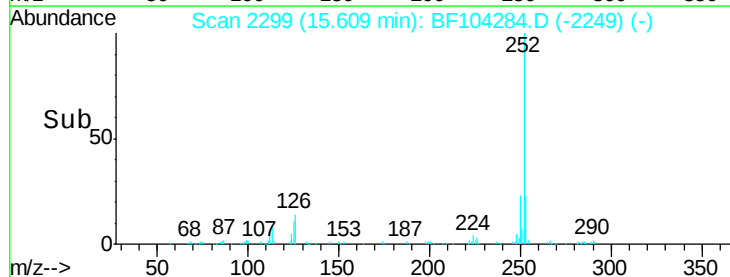
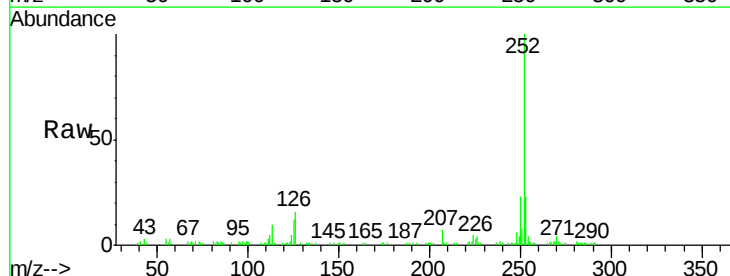
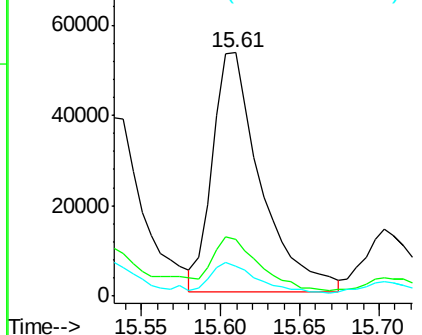
Delta R.T. -0.01 min

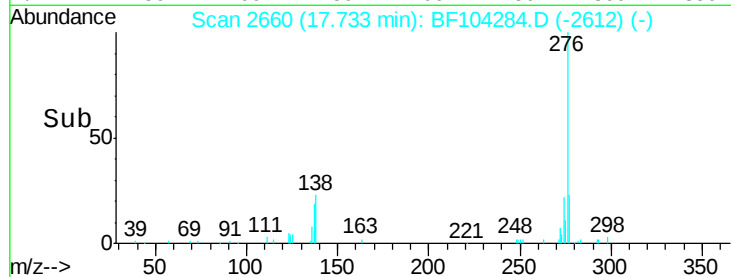
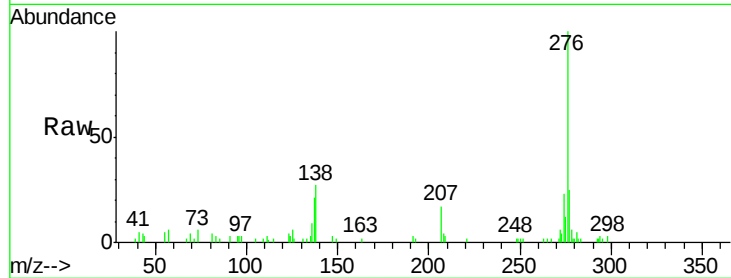
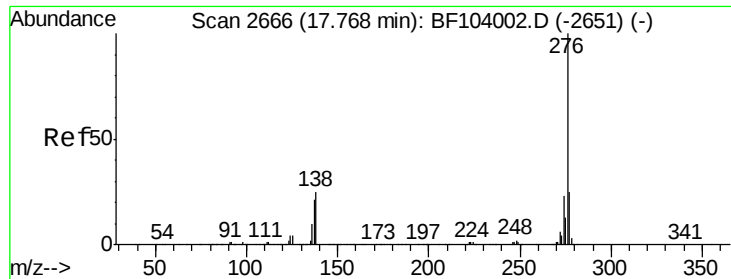
Lab File: BF104284.D

Acq: 5 Apr 2018 21:53

Tgt Ion:	252	Resp:	112623
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.1	25.7
125	12.5	9.8	14.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.711 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.02 min
 Lab File: BF104284.D
 Acq: 5 Apr 2018 21:53

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	26.7	21.8	32.8

Manual Integrations
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