

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103215.D
 Acq On : 26 Feb 2018 13:40
 Operator : SJ/JU
 Sample : J1652-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2898

Manual Integrations
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Quant Time: Feb 26 14:17:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171529	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	683617	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	266622	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	371695	20.00	ng	0.00
75) Chrysene-d12	14.04	240	292921	20.00	ng	0.00
86) Perylene-d12	15.54	264	322817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1412821	124.57	ng	0.01
7) Phenol-d6	6.51	99	1640209	118.19	ng	0.00
23) Nitrobenzene-d5	7.44	82	1087833	90.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	248271	110.01	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1514991	102.85	ng	0.00
78) Terphenyl-d14	12.98	244	994858	81.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	104501	4.886	ng	99
70) Phenanthrene	11.42	178	57666	2.819	ng	99
74) Fluoranthene	12.61	202	114547	5.573	ng	98
77) Pyrene	12.84	202	111099	4.865	ng	99
80) Benzo(a)anthracene	14.03	228	58874	3.098	ng	97
82) Chrysene	14.07	228	66640	3.611	ng	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	33327	2.281	ng	# 88
87) Benzo(b)fluoranthene	15.10	252	114858m	5.411	ng	
89) Benzo(a)pyrene	15.47	252	63832	3.368	ng	# 92
91) Benzo(g,h,i)perylene	17.50	276	31634	2.210	ng	94

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

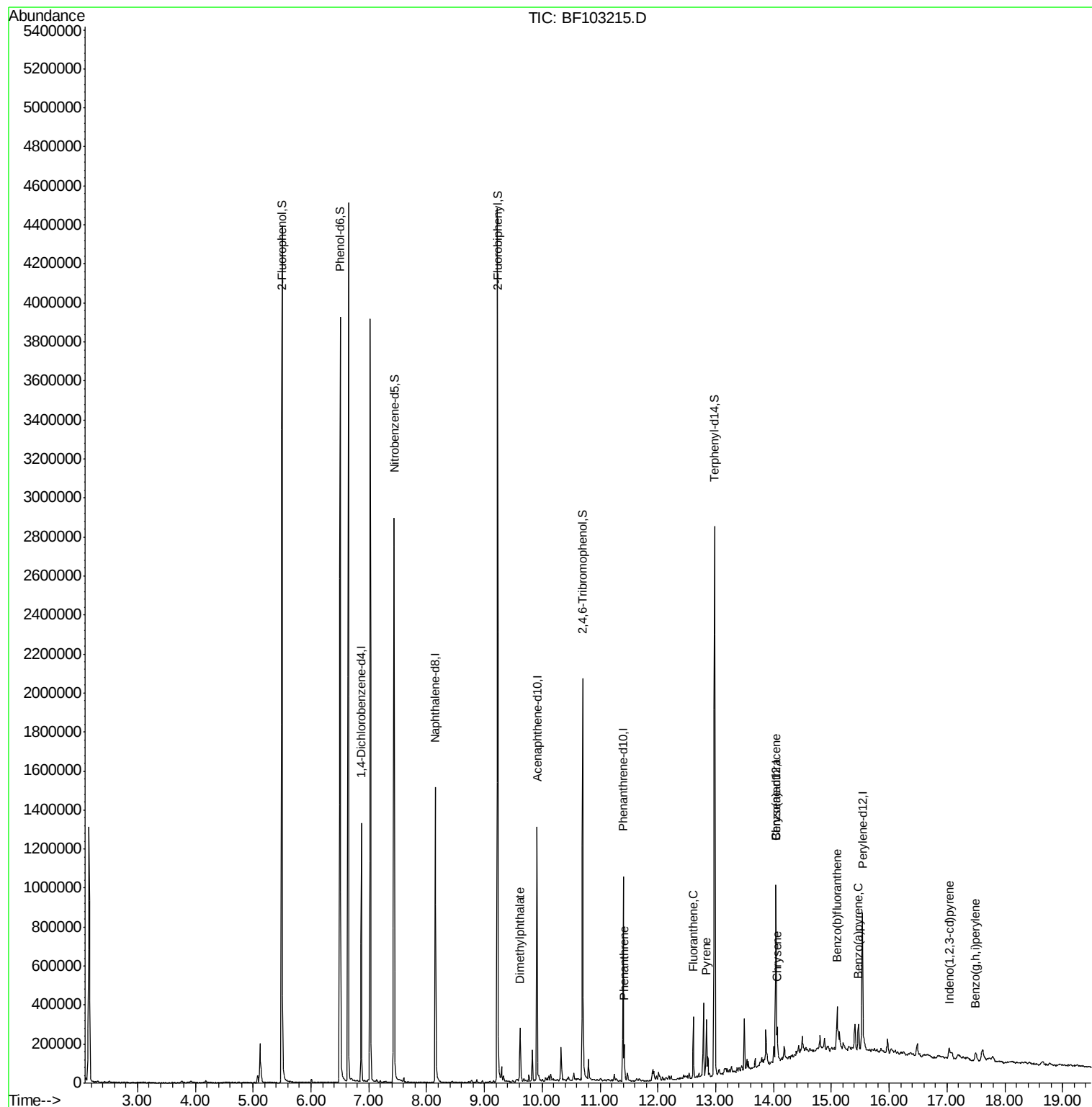
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103215.D
Acq On : 26 Feb 2018 13:40
Operator : SJ/JU
Sample : J1652-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

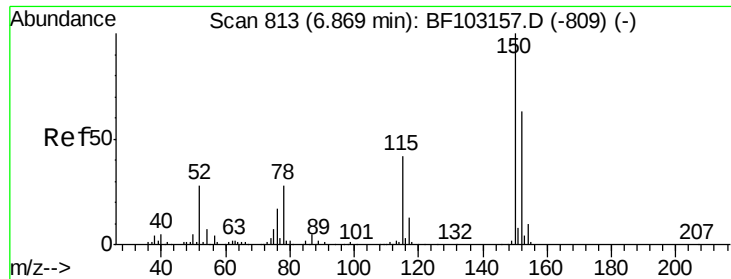
Instrument :
BNA_F
ClientSampleId :
RT-2898

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#1

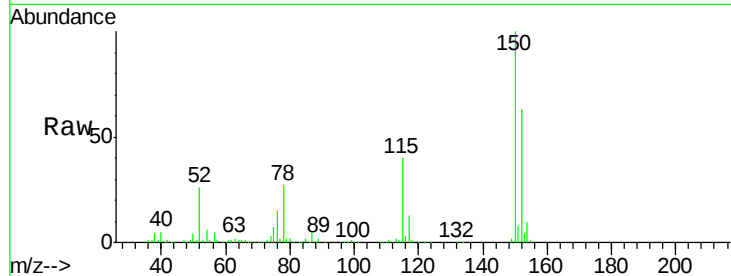
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Instrument :
BNA_F
ClientSampled :
RT-2898

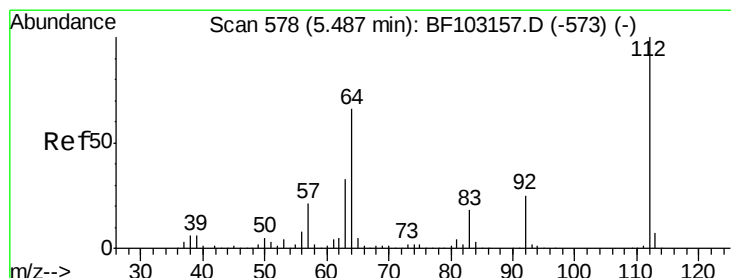
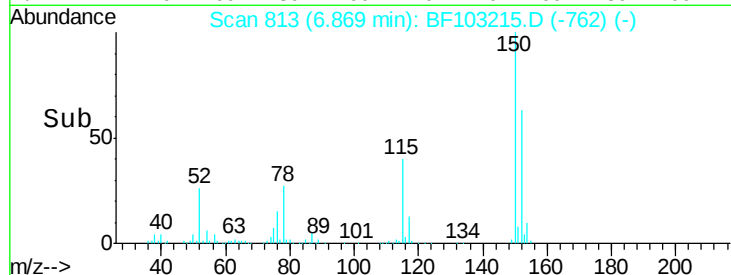
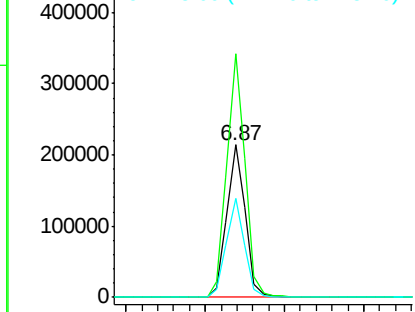
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	64.6	50.1	75.1

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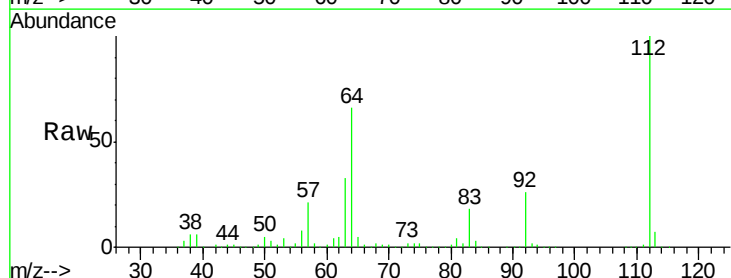
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



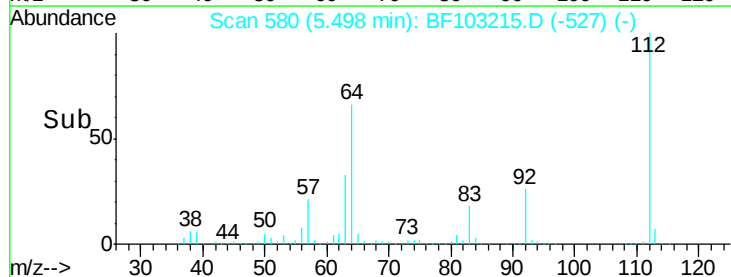
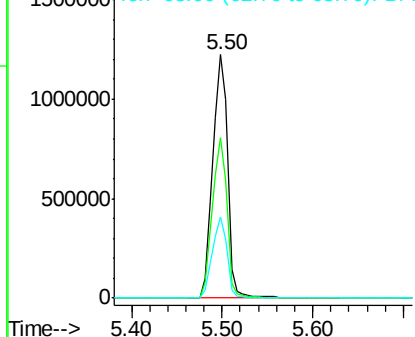
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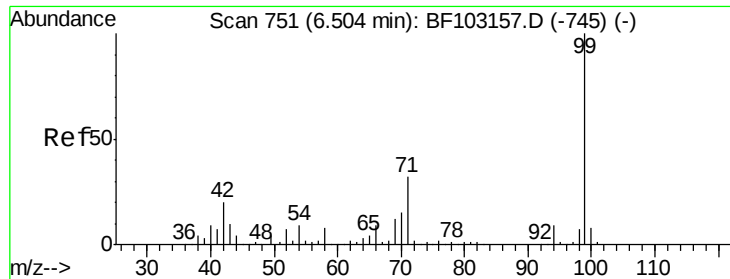
2-Fluorophenol
Concen: 124.573 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	33.5	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: 118.190 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103215.D

Acq: 26 Feb 2018 13:40

Instrument :

BNA_F

ClientSampleId :

RT-2898

Tot Ion: 99 Resp: 1640209

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

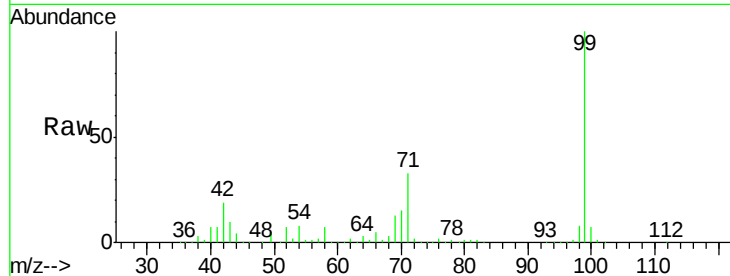
71 33.2 25.4 38.0

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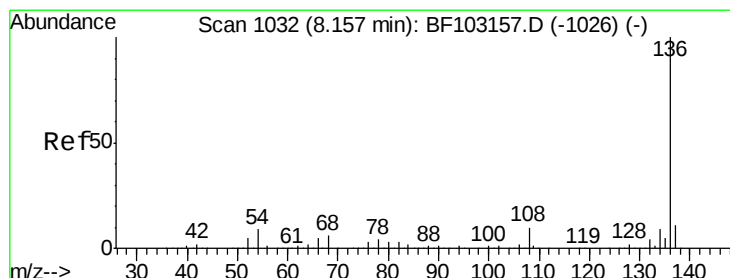
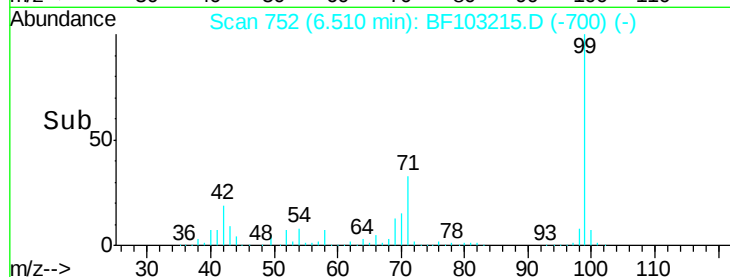
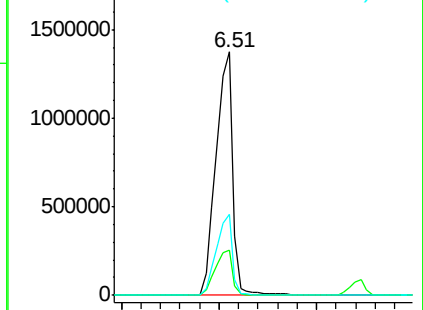
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103215.D

Acq: 26 Feb 2018 13:40

Tgt Ion: 136 Resp: 683617

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

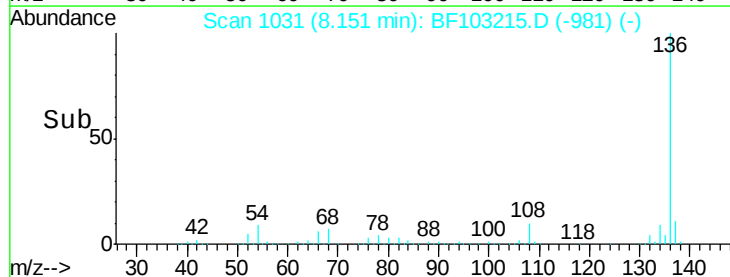
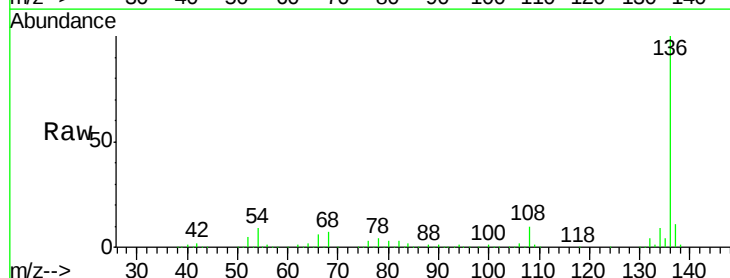
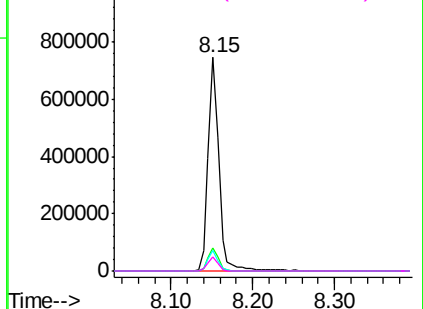
68 6.6 5.0 7.4

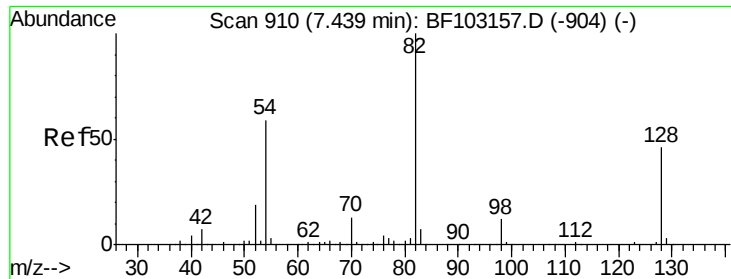
Abundance Ion 136.00 (135.70 to 136.70): E

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





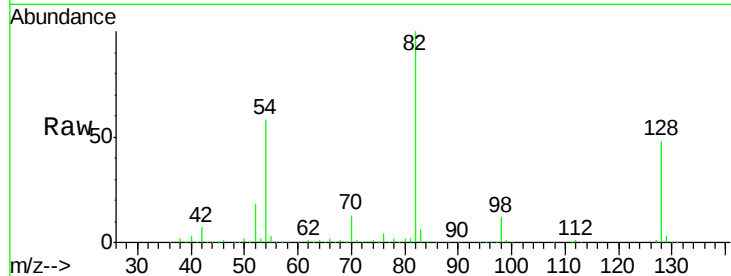
#23
 Nitrobenzene-d5
 Concen: 90.876 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Instrument :
 BNA_F
 ClientSampled :
 RT-2898

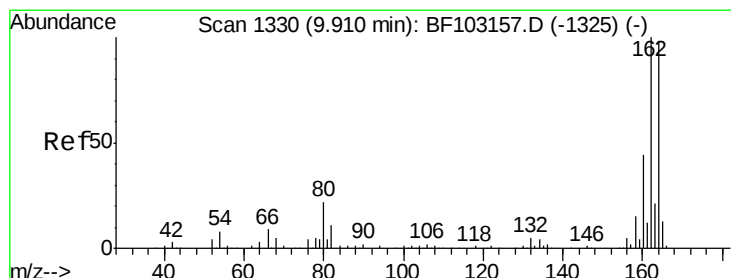
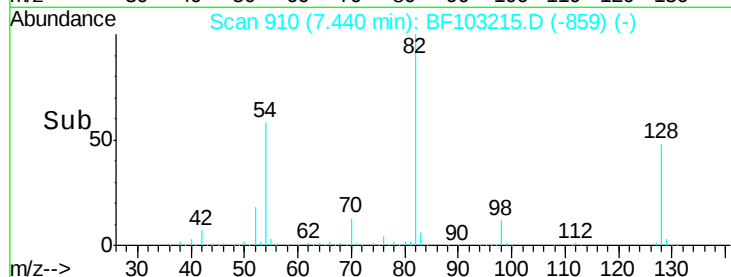
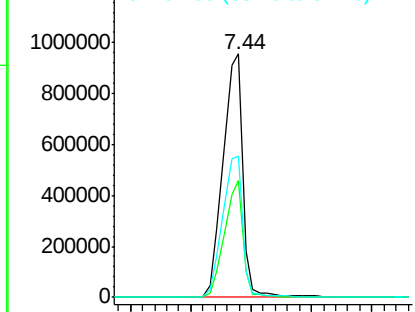
Tot Ion: 82 Resp: 1087833
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 58.2 41.4 62.2

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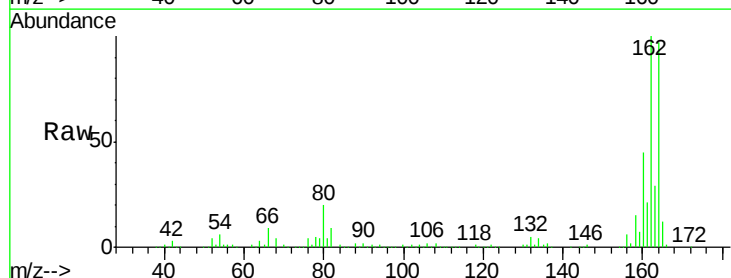


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

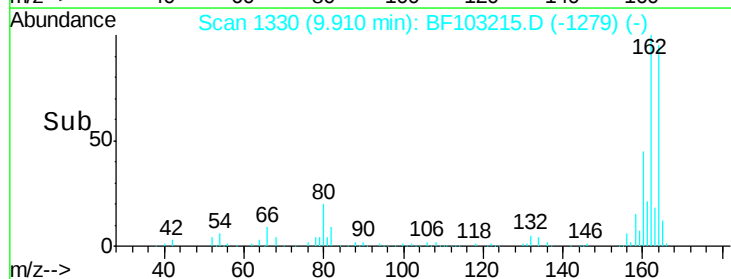
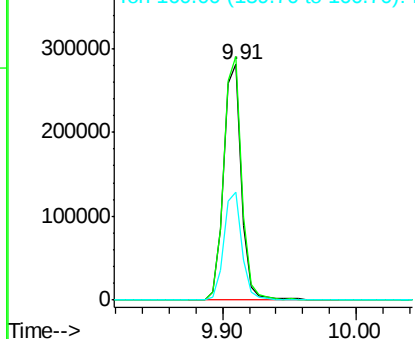


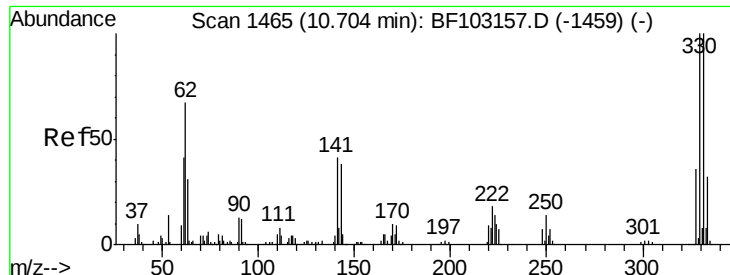
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Tgt Ion:164 Resp: 266622
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.1 38.3 57.5



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





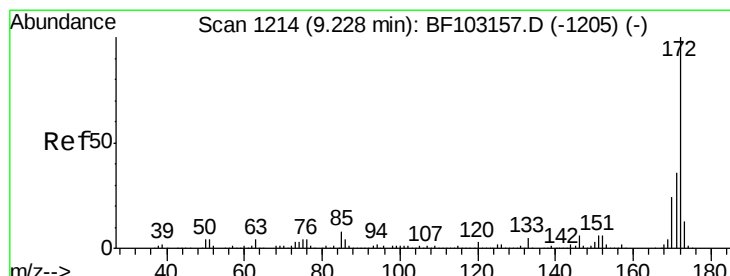
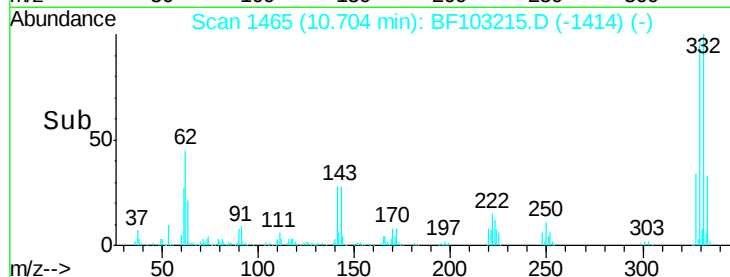
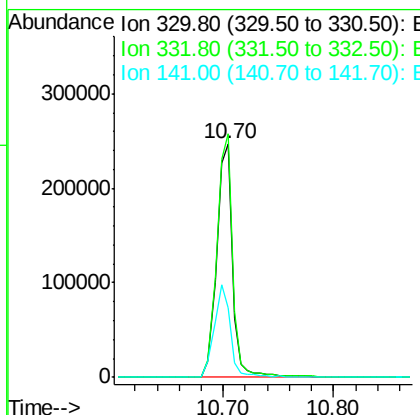
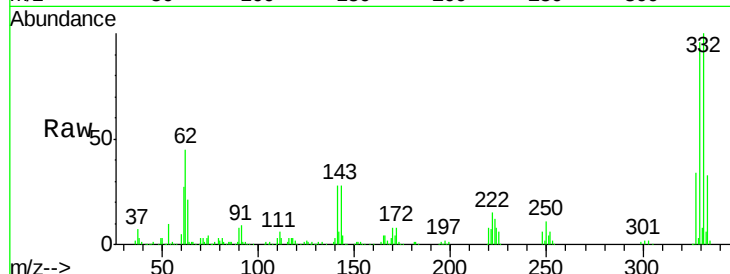
#41
 2,4,6-Tribromophenol
 Concen: 110.010 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Instrument :
 BNA_F
 ClientSampleId :
 RT-2898

Tot Ion	Ratio	Resp	Lower	Upper
330	100	248271		
332	104.3	77.0	115.6	
141	40.2	29.9	44.9	

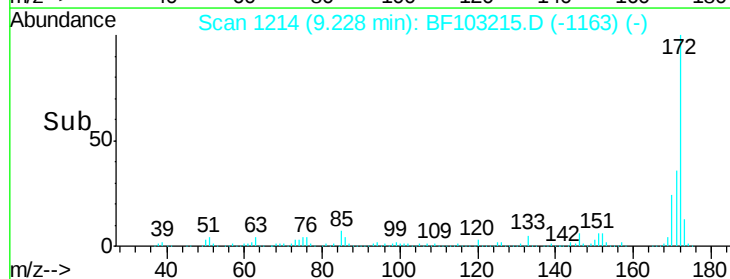
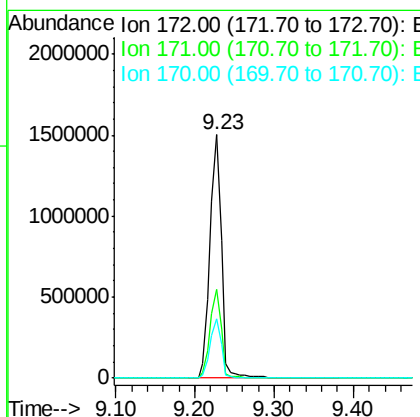
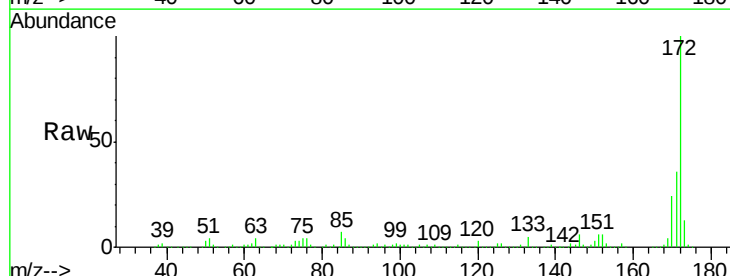
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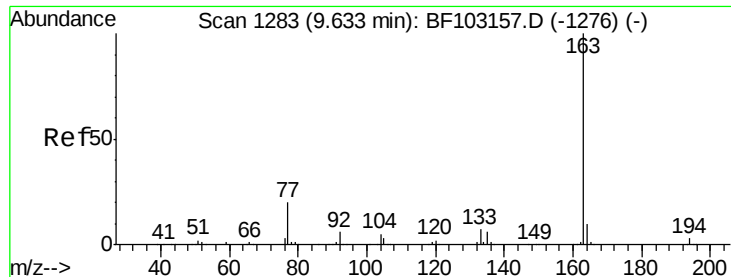
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#44
 2-Fluorobiphenyl
 Concen: 102.847 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1514991		
171	36.3	29.7	44.5	
170	24.2	19.6	29.4	





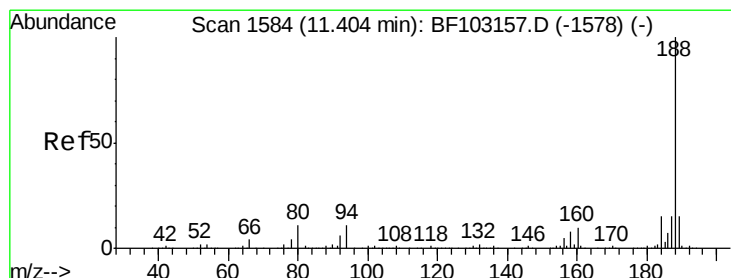
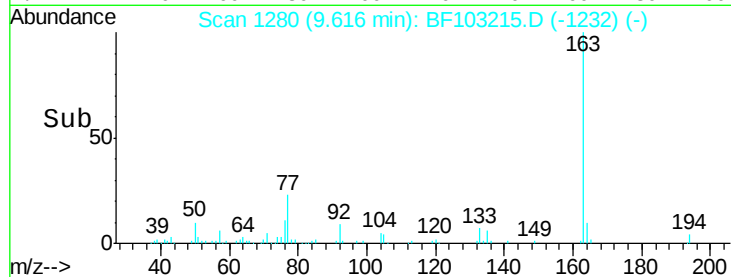
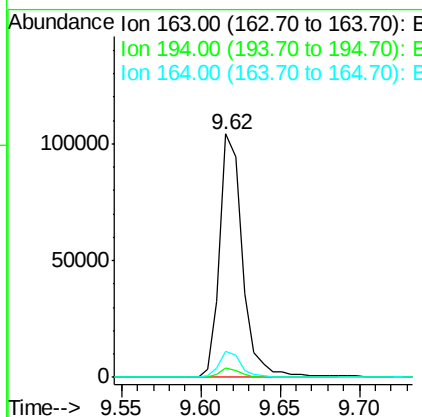
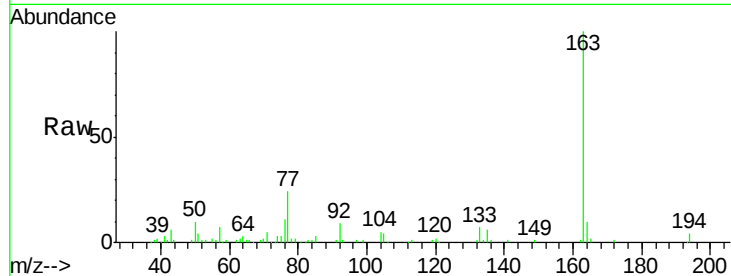
#49
 Dimethylphthalate
 Concen: 4.886 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Instrument :
 BNA_F
 ClientSampleId :
 RT-2898

Tot Ion:	163	Resp:	104501
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

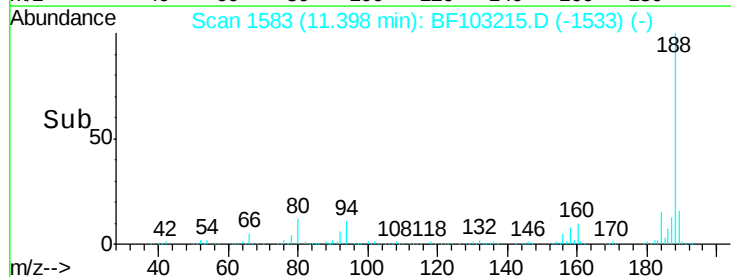
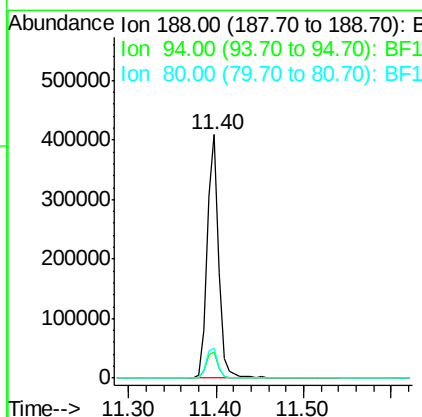
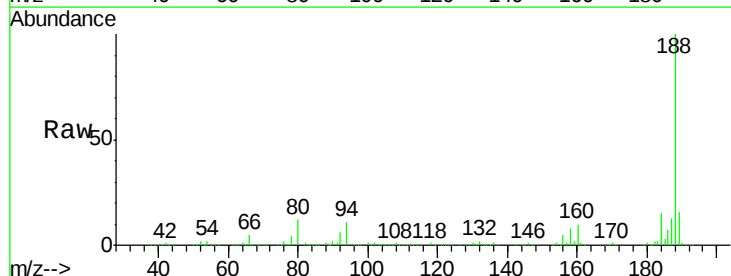
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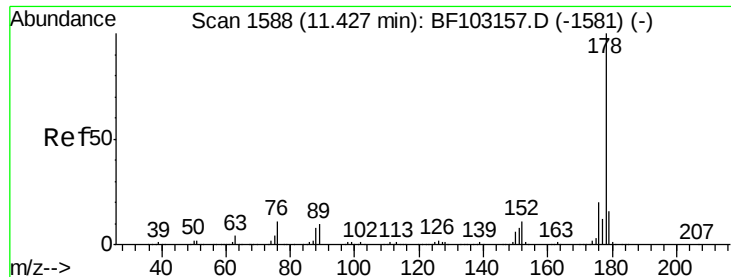
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Tgt Ion:	188	Resp:	371695
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	12.2	9.2	13.8





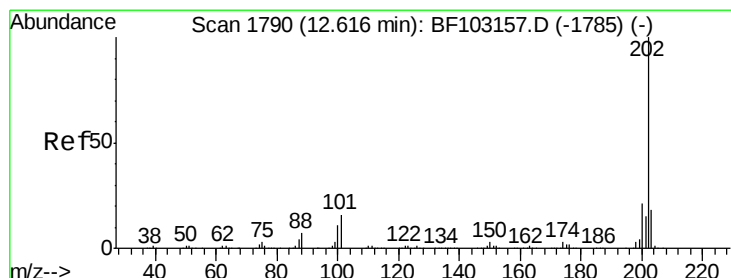
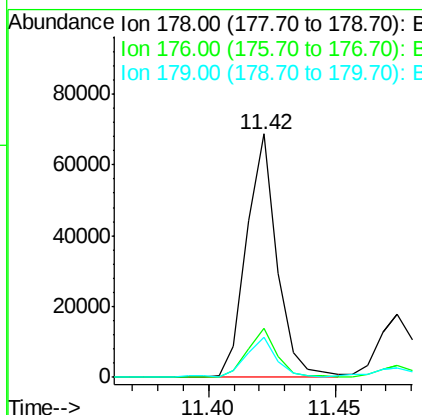
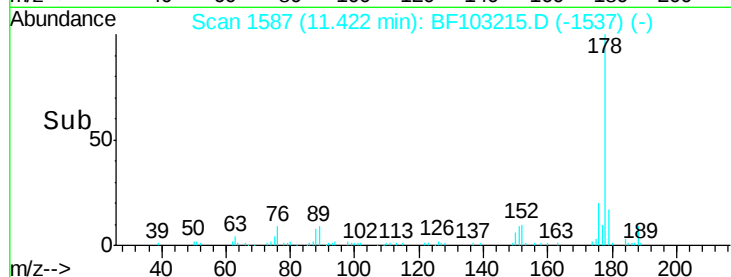
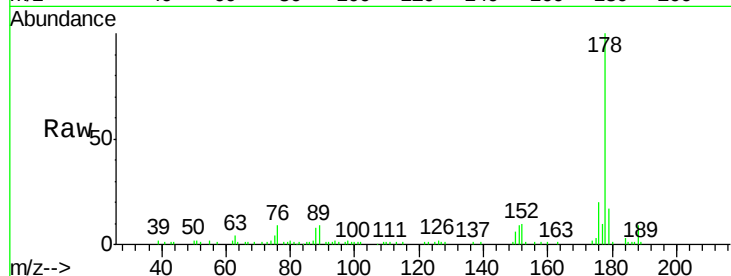
#70
Phenanthrene
Concen: 2.819 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Instrument :
BNA_F
ClientSampleId :
RT-2898

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.7	13.0	19.6

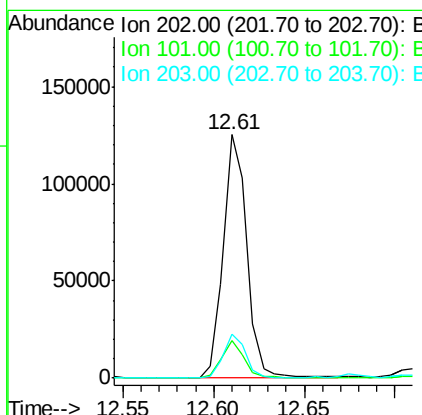
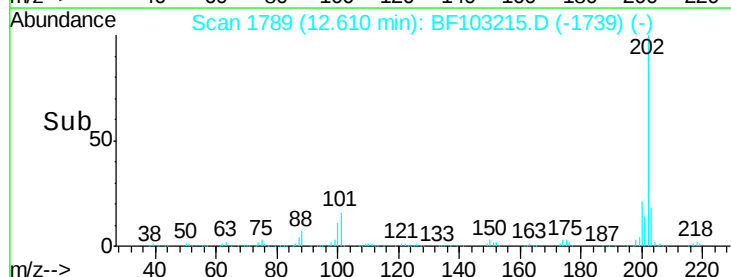
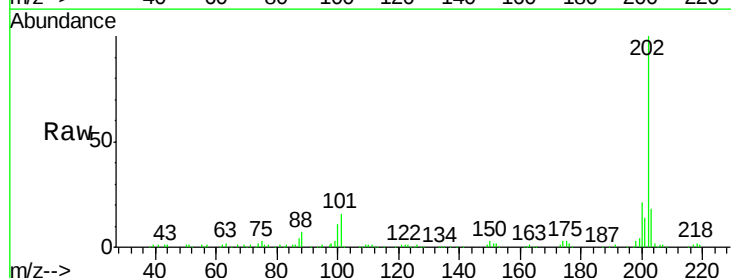
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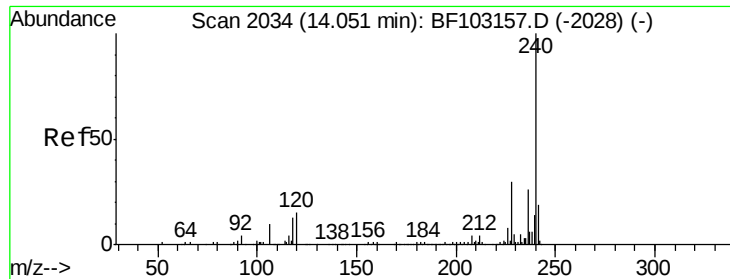
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#74
Fluoranthene
Concen: 5.573 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	18.1	0.0	38.1





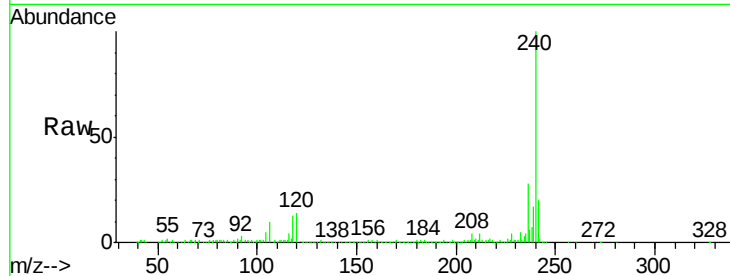
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Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Instrument :
BNA_F
ClientSampleId :
RT-2898

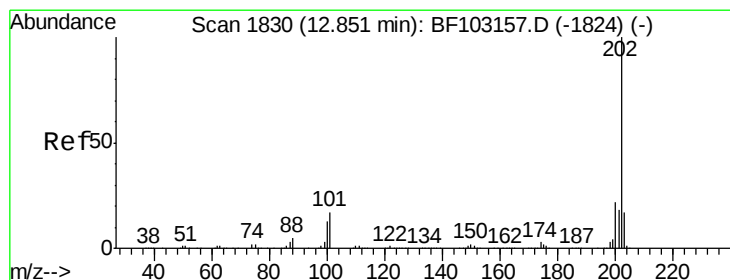
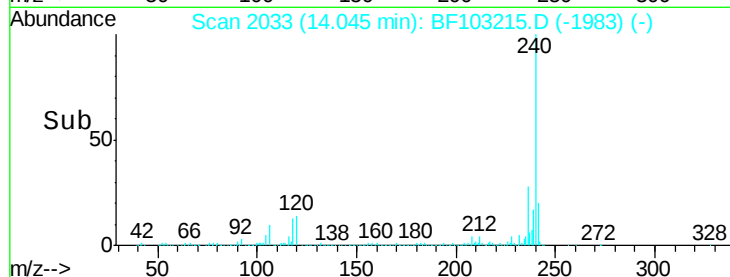
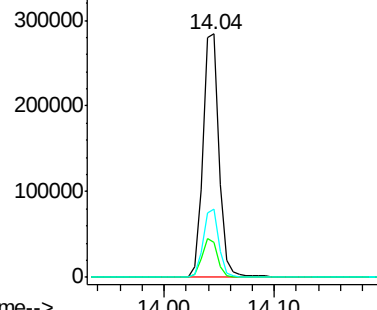
Tot Ion	Ratio	Resp	Lower	Upper
240	100	292921		
120	14.3	9.5	14.3#	
236	27.9	20.7	31.1	

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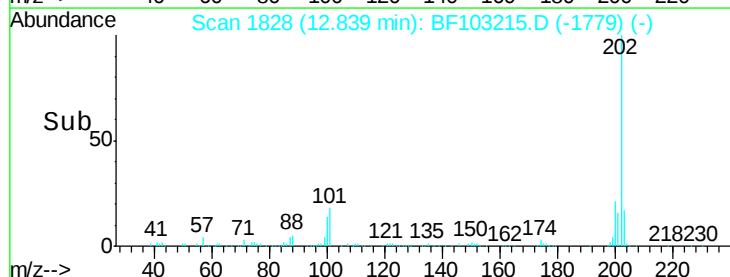
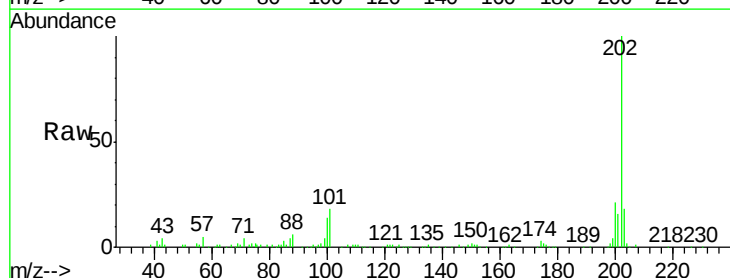
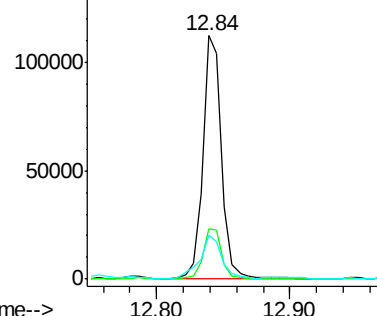
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

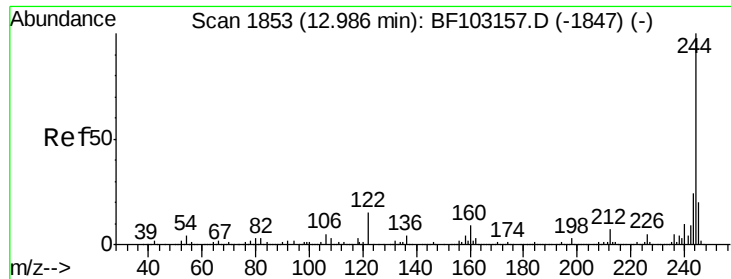


#77
Pyrene
Concen: 4.865 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	111099		
200	20.7	17.4	26.2	
203	17.8	14.3	21.5	

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





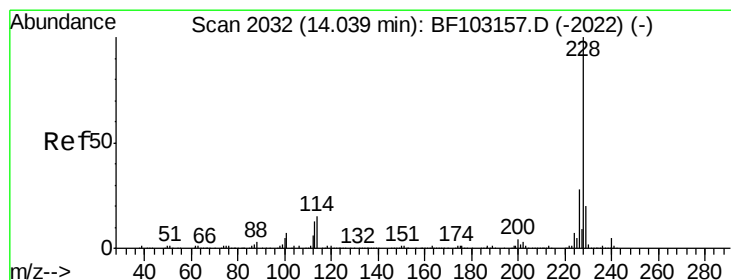
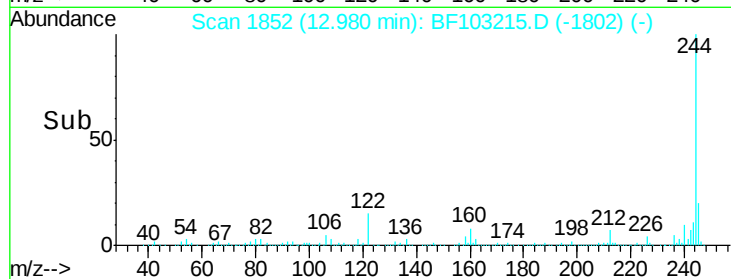
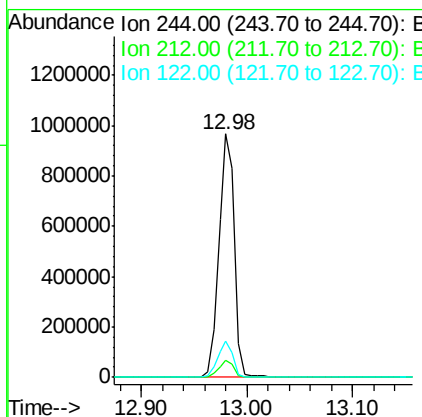
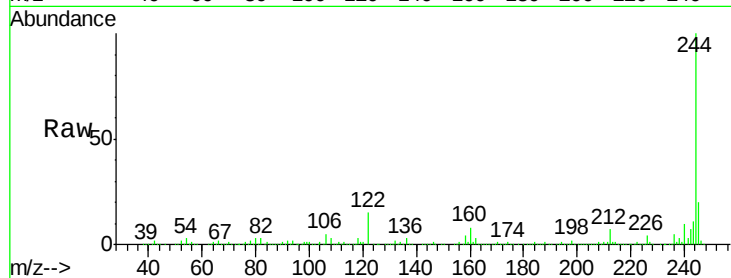
#78
 Terphenyl-d14
 Concen: 81.643 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Instrument :
 BNA_F
 ClientSampleId :
 RT-2898

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.9	11.0	16.4

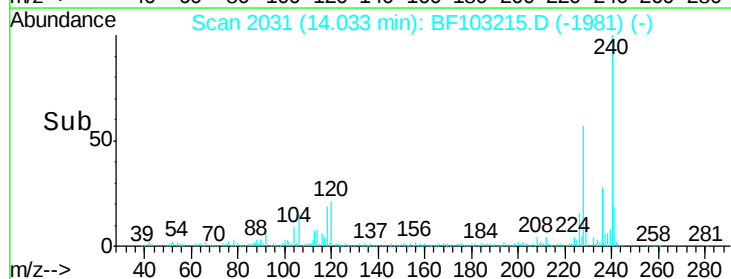
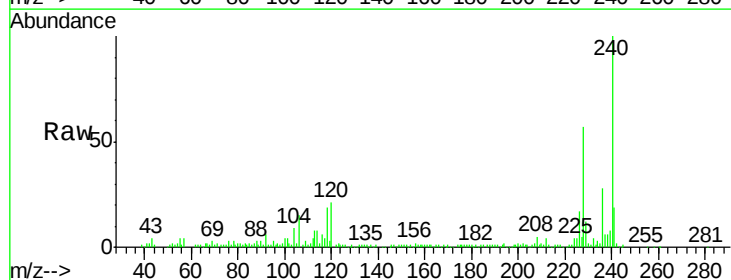
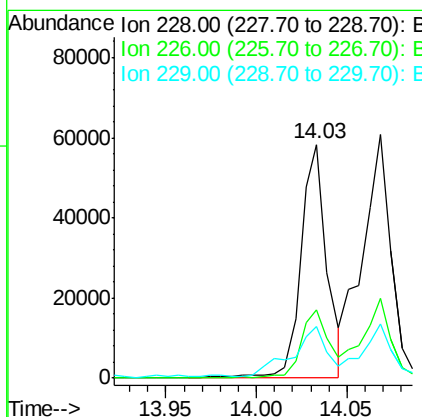
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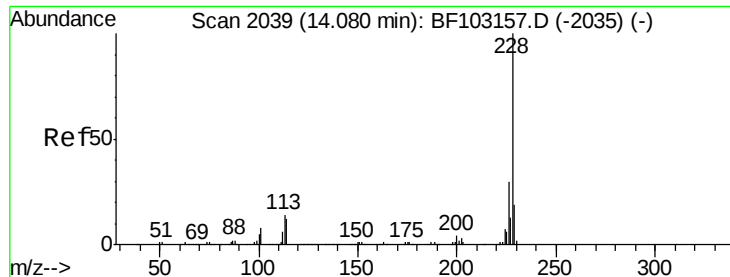
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.098 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103215.D
 Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.9	15.8	23.6





#82

Chrysene

Concen: 3.611 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103215.D

Acq: 26 Feb 2018 13:40

Instrument :

BNA_F

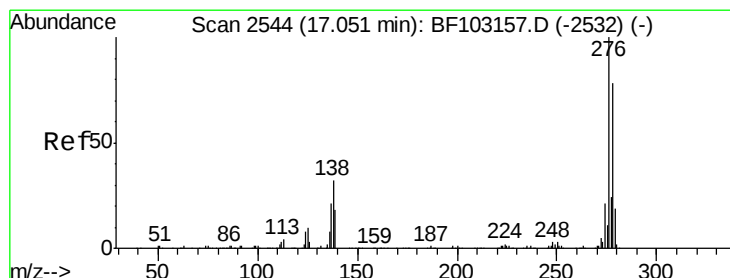
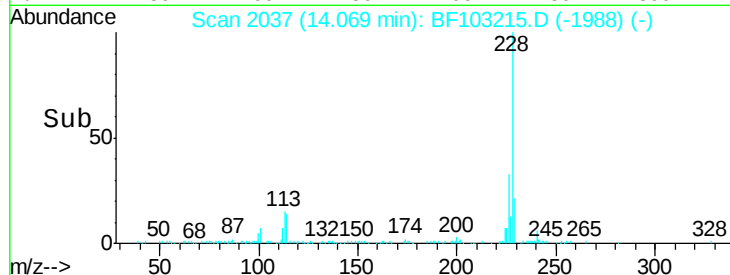
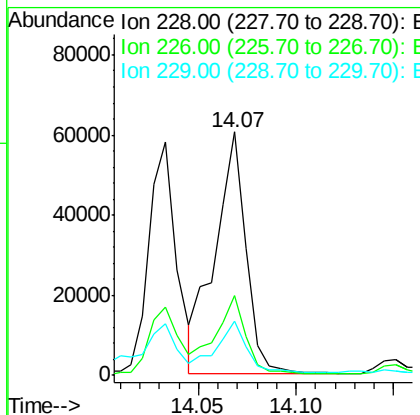
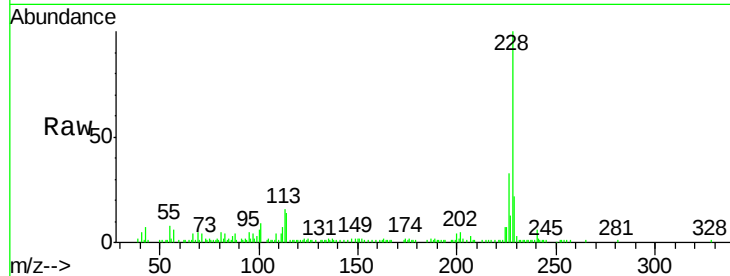
ClientSampleId :

RT-2898

Tot Ion:	228	Resp:	66640
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.0	37.6
229	22.2	16.2	24.4

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2/27/2018 12:22:38 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.281 ng

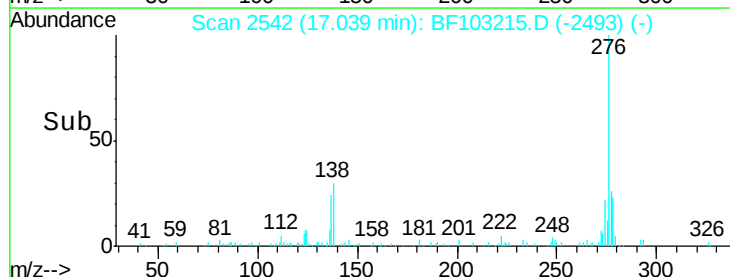
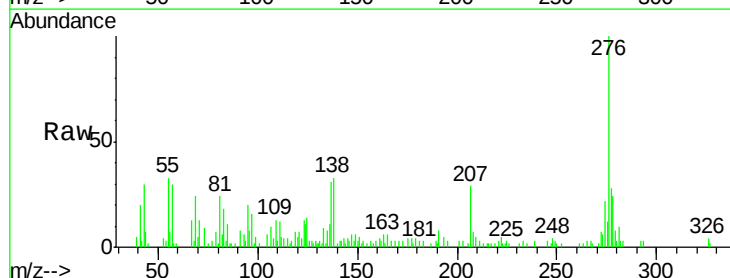
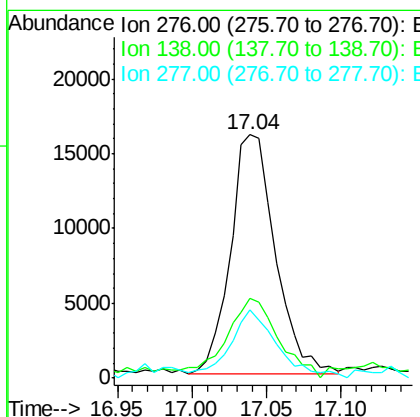
RT: 17.04 min Scan# 2542

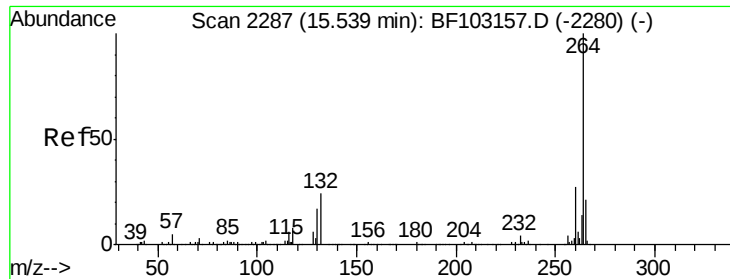
Delta R.T. -0.01 min

Lab File: BF103215.D

Acq: 26 Feb 2018 13:40

Tgt Ion:	276	Resp:	33327
Ion Ratio	Lower	Upper	
276	100		
138	38.9	25.0	37.6#
277	30.2	20.1	30.1#





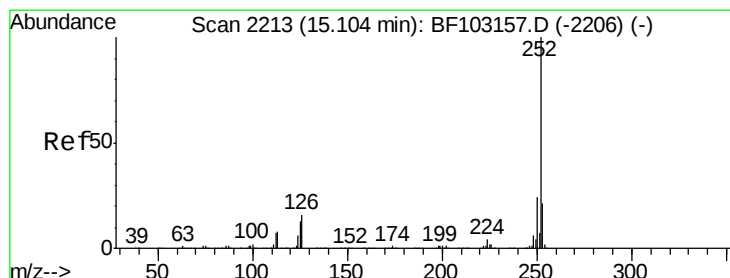
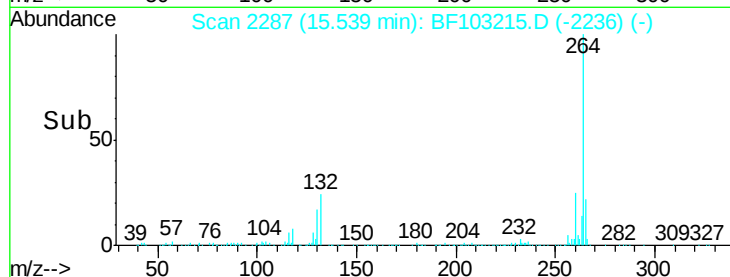
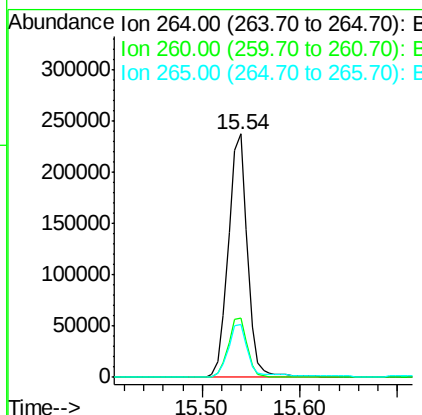
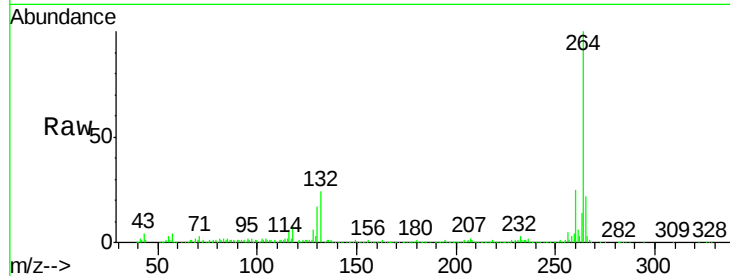
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Instrument :
BNA_F
ClientSampleId :
RT-2898

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3

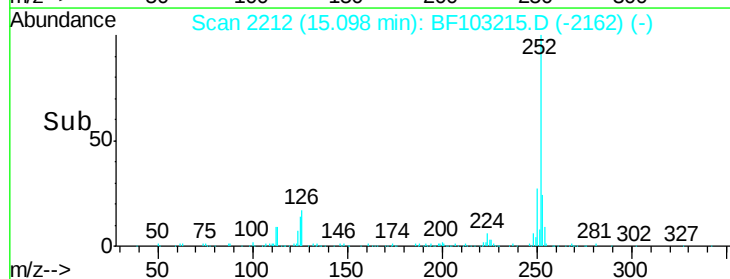
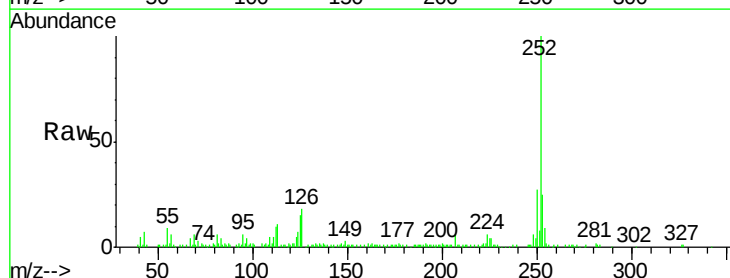
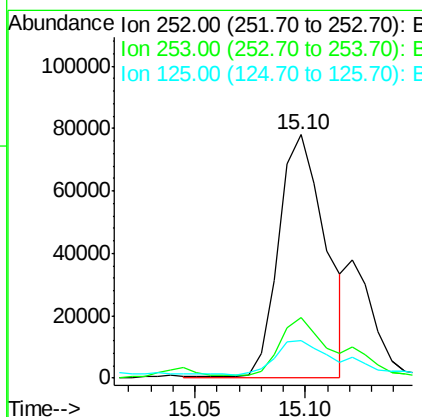
Manual Integrations
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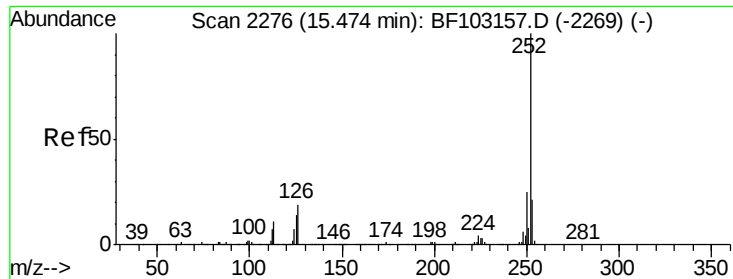
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2/27/2018 12:22:38 PM



#87
Benzo(b)fluoranthene
Concen: 5.411 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	15.5	9.0	13.6#





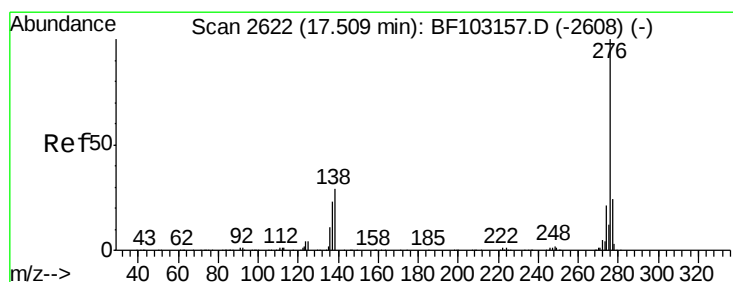
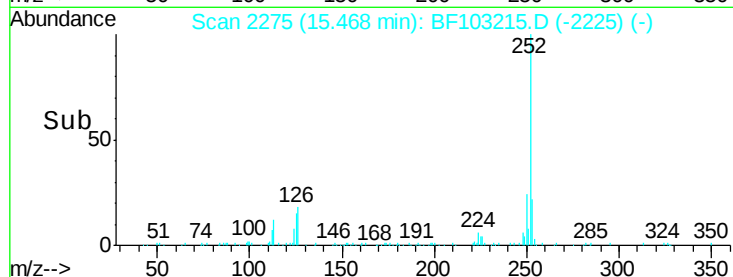
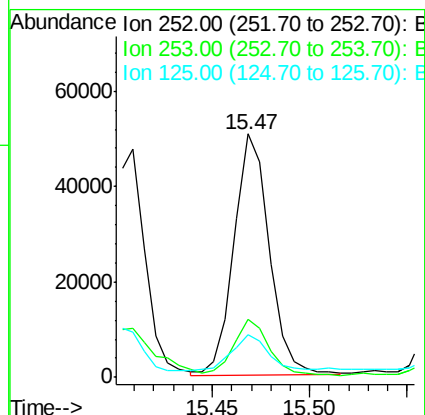
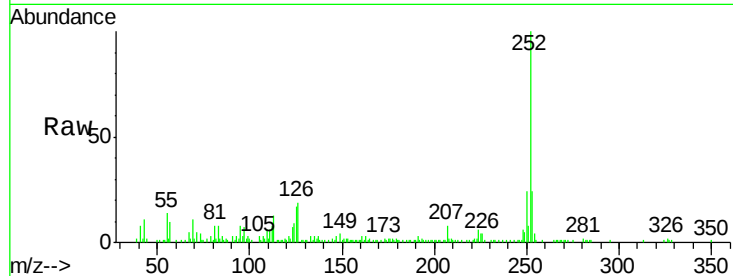
#89
Benzo(a)pyrene
Concen: 3.368 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Instrument :
BNA_F
ClientSampleId :
RT-2898

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	17.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.210 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF103215.D
Acq: 26 Feb 2018 13:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	29.7	21.8	32.8

