

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102650.D
 Acq On : 30 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1362-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-COMP

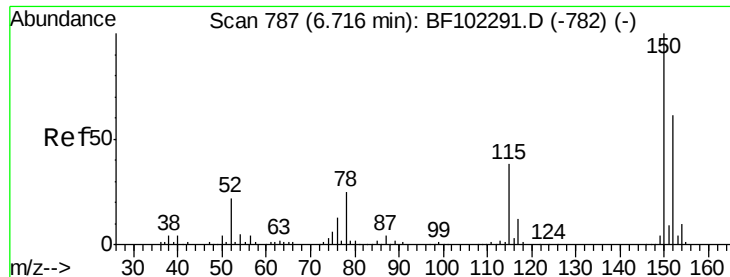
Manual Integrations
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Sohil
 1/31/2018 2:00:20 PM

Quant Time: Jan 31 02:58:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	161667	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	651270	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276639	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	425088	20.00	ng	0.00
75) Chrysene-d12	13.87	240	274069	20.00	ng	0.00
86) Perylene-d12	15.31	264	274548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1124754	105.49	ng	0.00
7) Phenol-d6	6.36	99	1385179	107.76	ng	0.00
23) Nitrobenzene-d5	7.28	82	848443	74.87	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	193436	70.57	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1344788	71.48	ng	0.00
78) Terphenyl-d14	12.82	244	928257	76.35	ng	0.00
Target Compounds						
32) Benzoic acid	7.77	122	19551	2.633	ng	Qvalue 88
49) Dimethylphthalate	9.46	163	138796	6.070	ng	99
70) Phenanthrene	11.26	178	334912	13.520	ng	98
71) Anthracene	11.31	178	95725	3.786	ng	99
74) Fluoranthene	12.44	202	512628	20.294	ng	99
77) Pyrene	12.67	202	456448	21.541	ng	100
80) Benzo(a)anthracene	13.86	228	219962	13.036	ng	98
82) Chrysene	13.90	228	195129	11.388	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	67503	4.763	ng	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	88244	6.236	ng	98
87) Benzo(b)fluoranthene	14.90	252	245048m	13.771	ng	
88) Benzo(k)fluoranthene	14.92	252	83655m	4.976	ng	
89) Benzo(a)pyrene	15.25	252	176062	10.970	ng	# 93
91) Benzo(a,h,i)perylene	17.14	276	86074	6.705	ng	92

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



#1

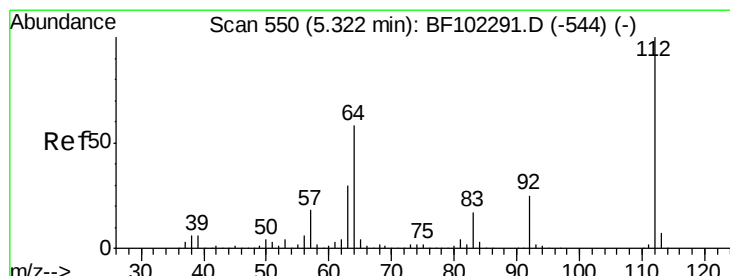
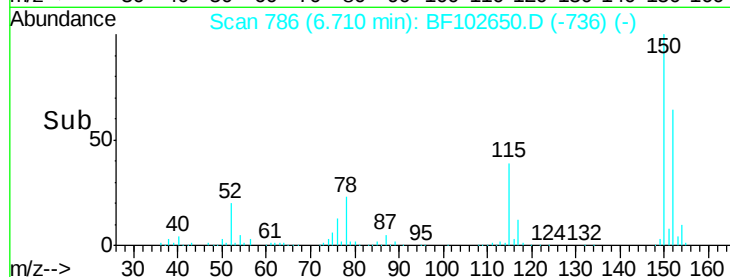
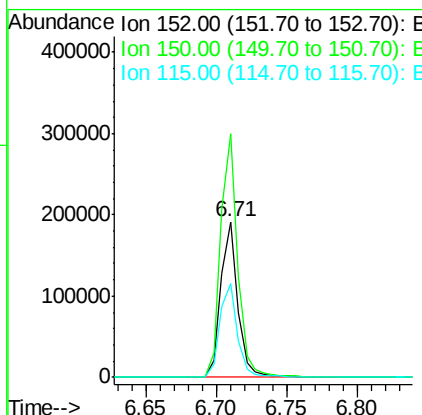
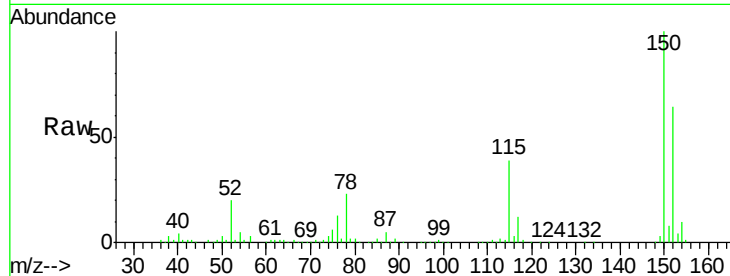
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.3	50.1	75.1

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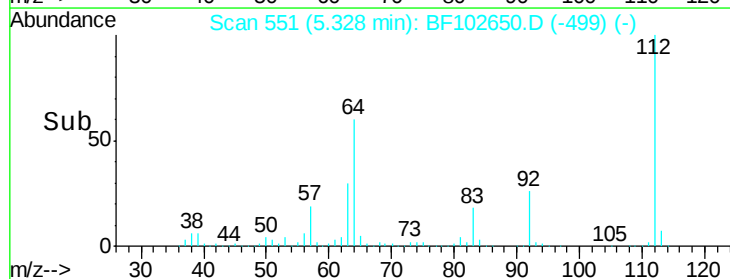
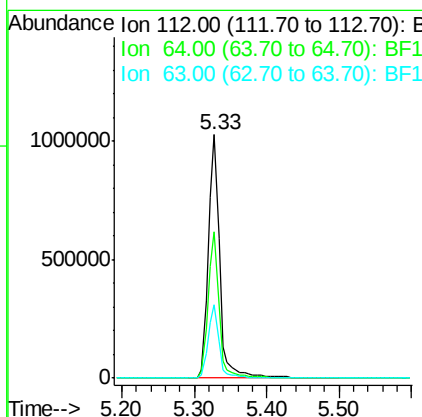
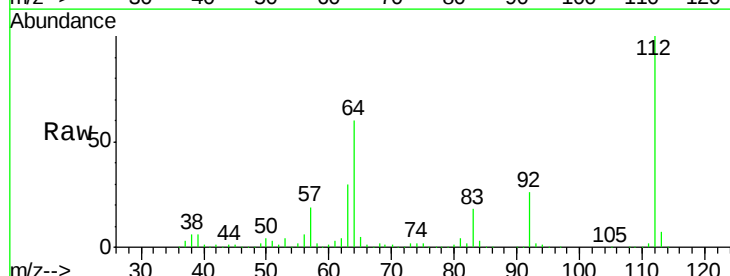
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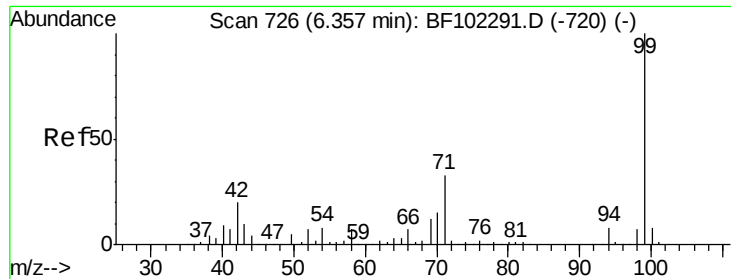


#5

2-Fluorophenol
Concen: 105.490 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 107.760 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

WC-1-COMP

Tot Ion: 99 Resp: 1385179

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

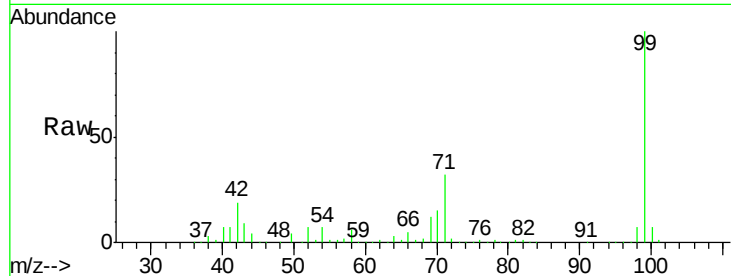
71 32.5 25.4 38.0

Manual Integrations

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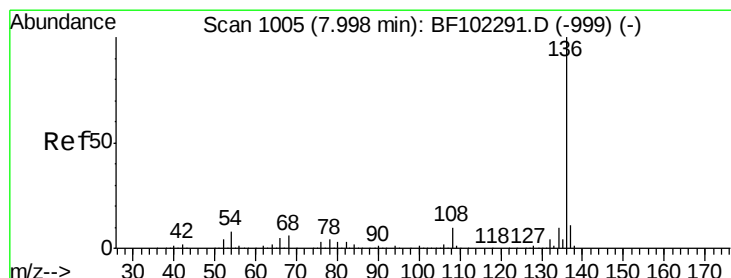
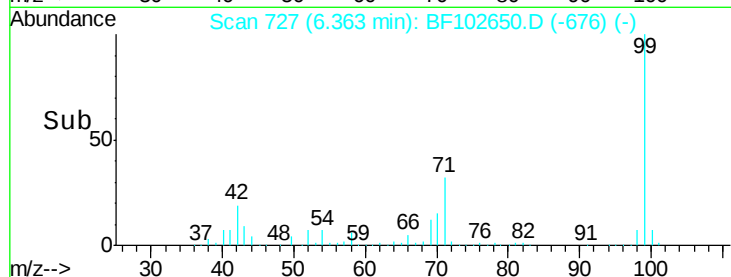
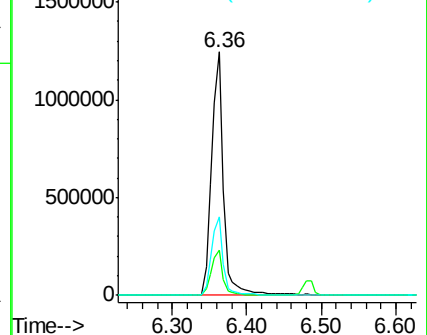
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Tgt Ion: 136 Resp: 651270

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

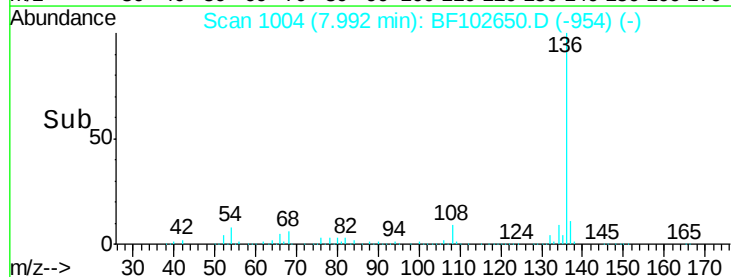
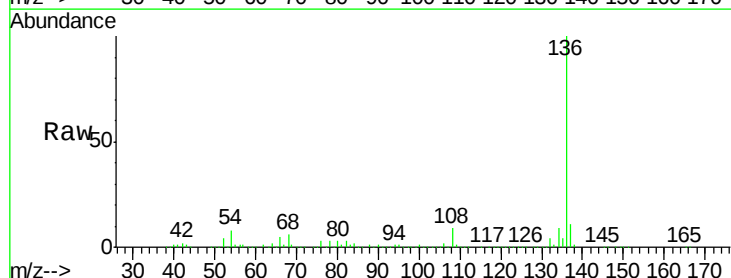
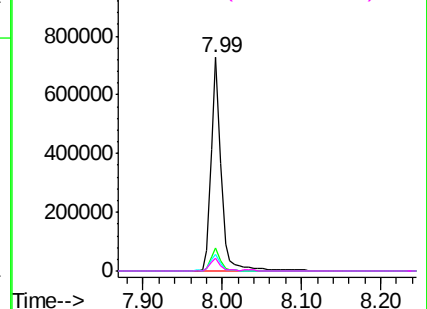
68 5.8 5.0 7.4

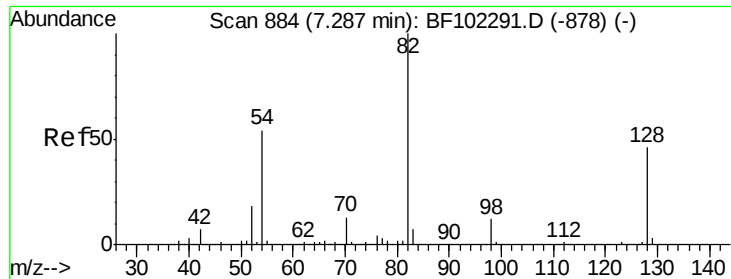
Abundance Ion 136.00 (135.70 to 136.70): E

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





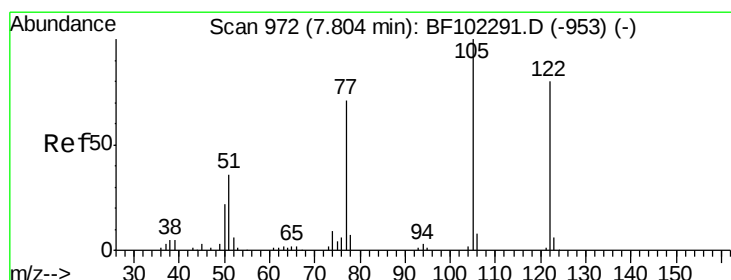
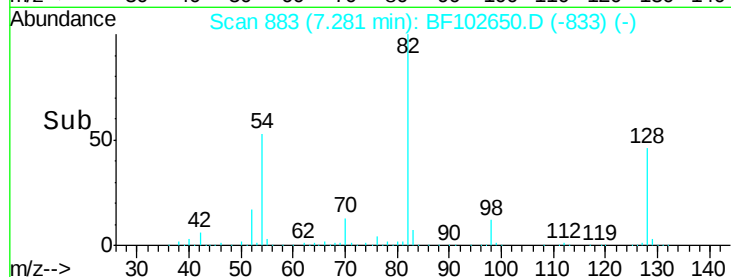
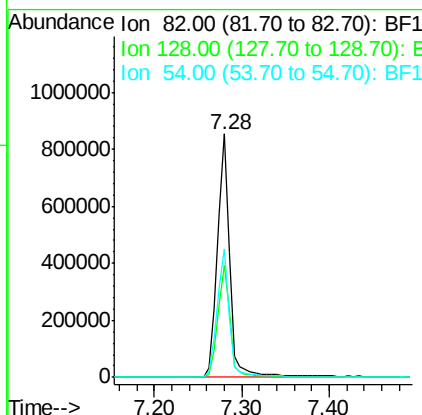
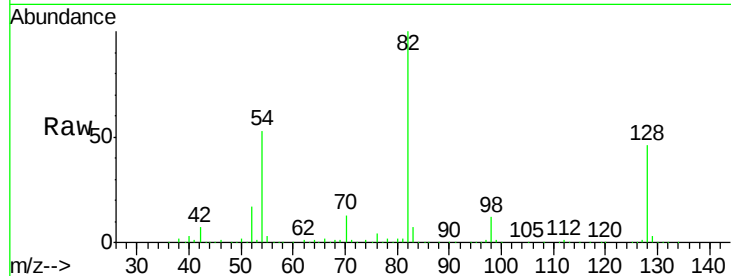
#23
Nitrobenzene-d5
Concen: 74.865 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.0	41.4	62.2

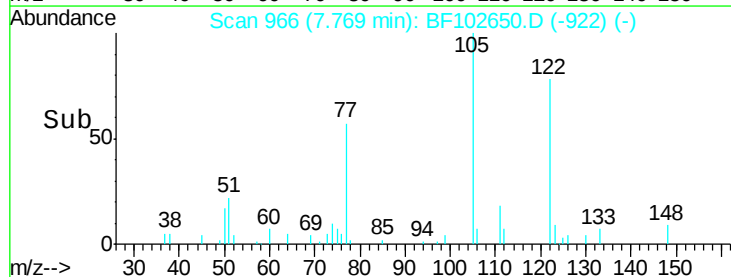
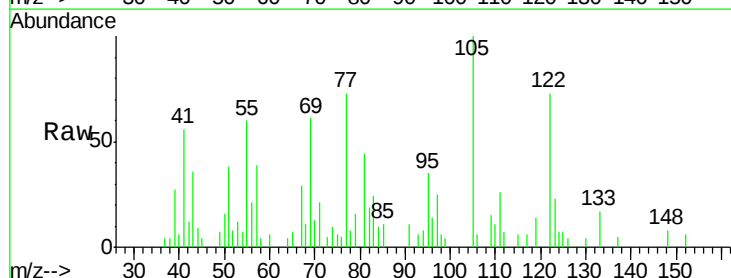
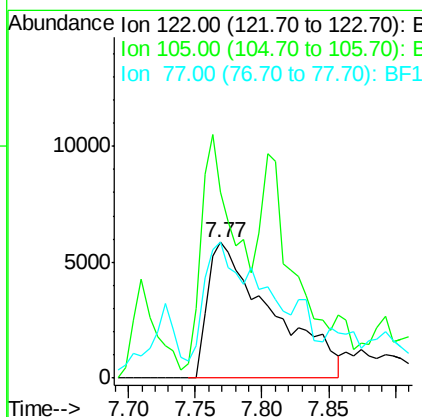
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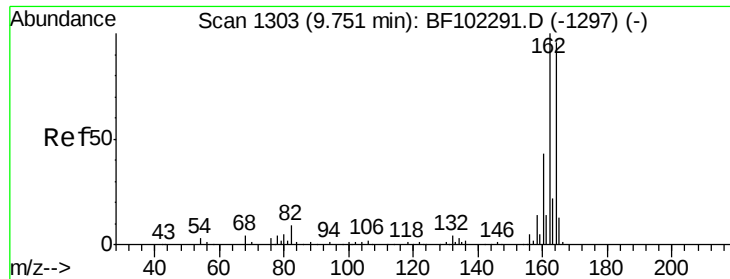
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#32
Benzoic acid
Concen: 2.633 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	101.1	141.1
77	99.9	70.7	110.7





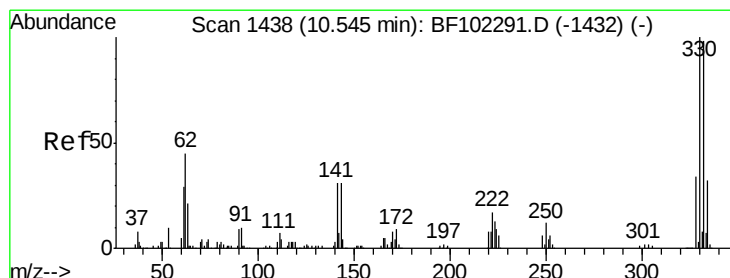
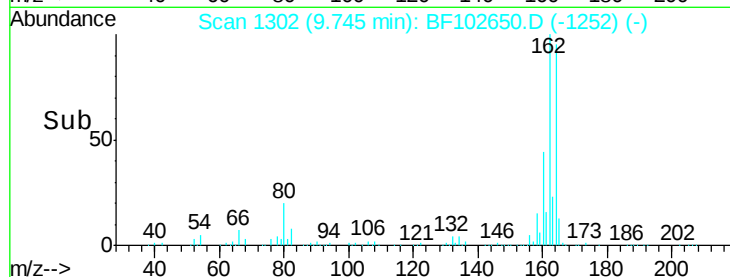
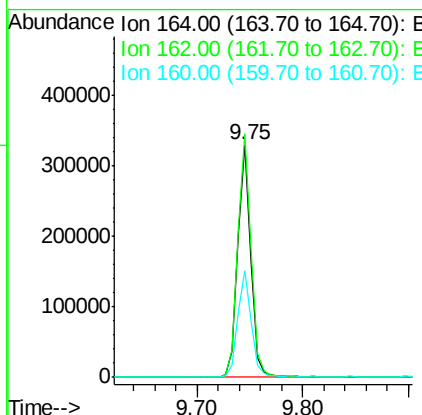
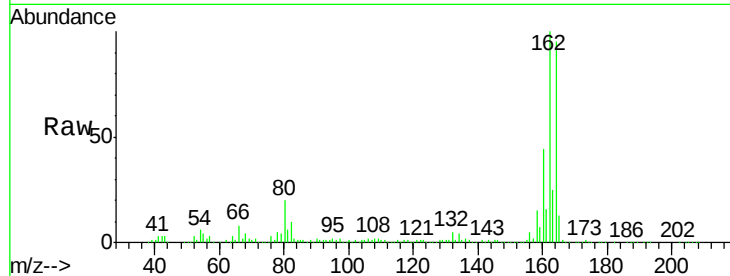
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102650.D
 Acq: 30 Jan 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	86.1	129.1	
160	46.2	38.3	57.5	

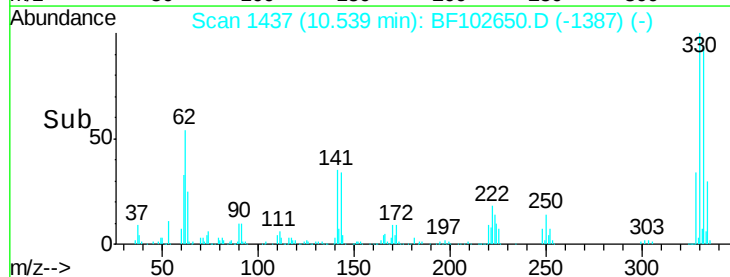
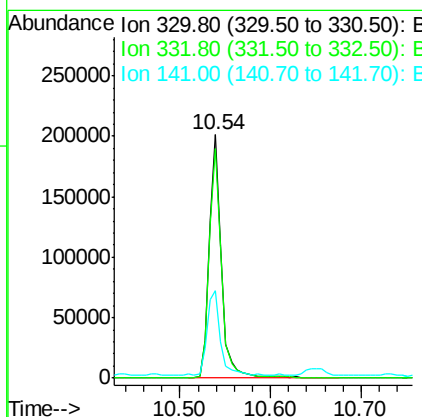
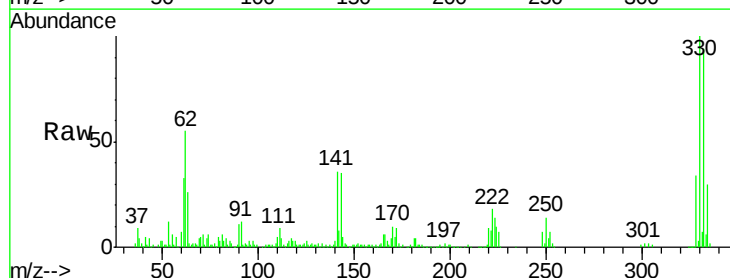
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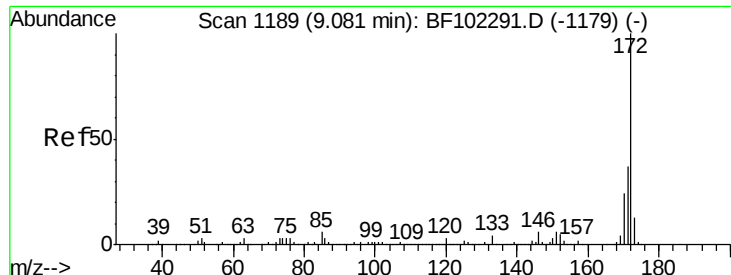
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#41
 2,4,6-Tribromophenol
 Concen: 70.569 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102650.D
 Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	37.5	29.9	44.9	





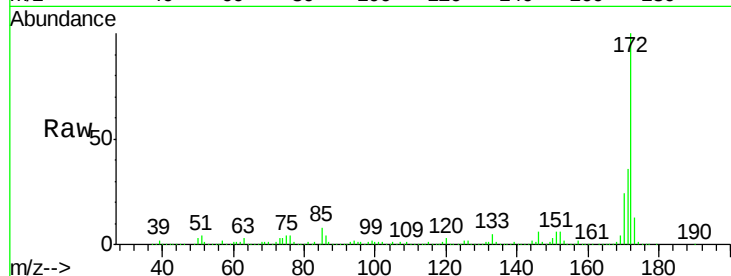
#44
2-Fluorobiphenyl
Concen: 71.476 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

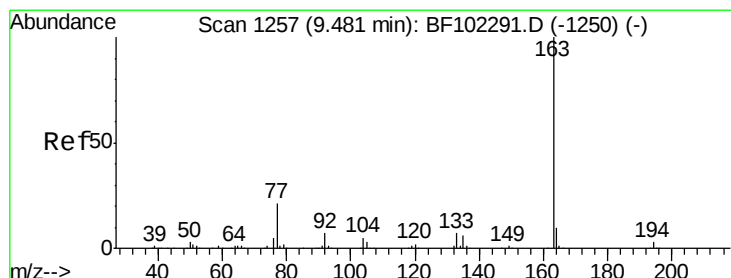
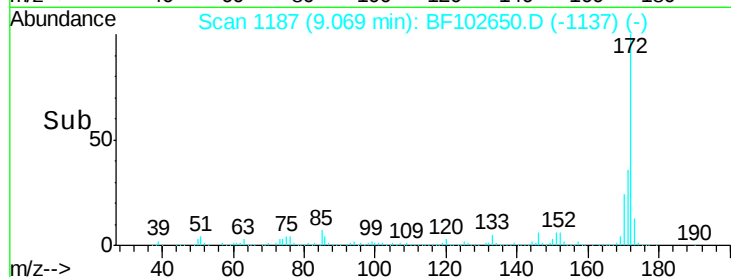
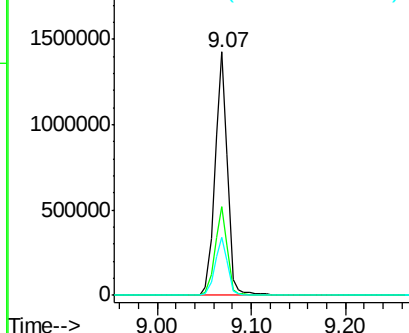
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

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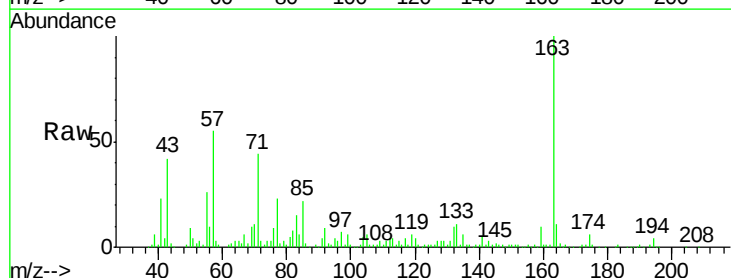


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

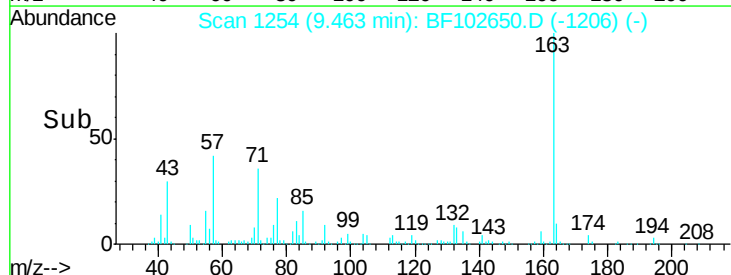
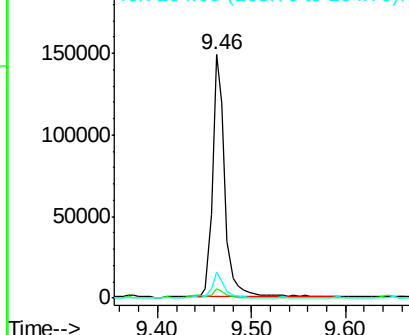


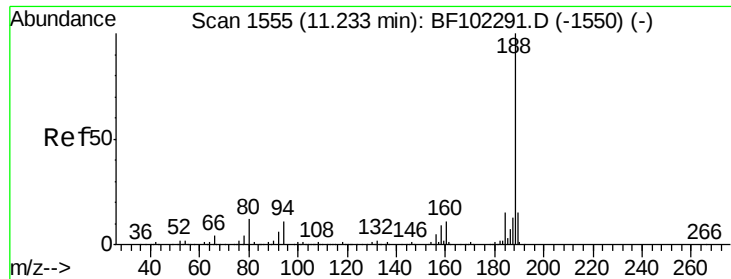
#49
Dimethylphthalate
Concen: 6.070 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





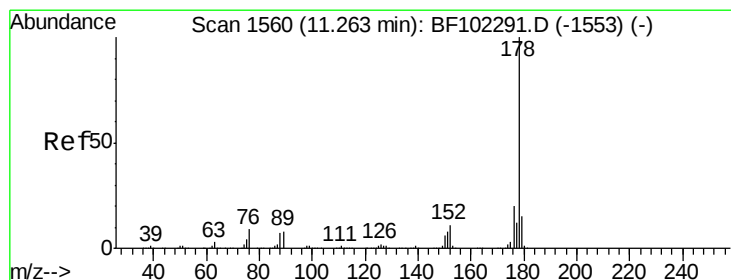
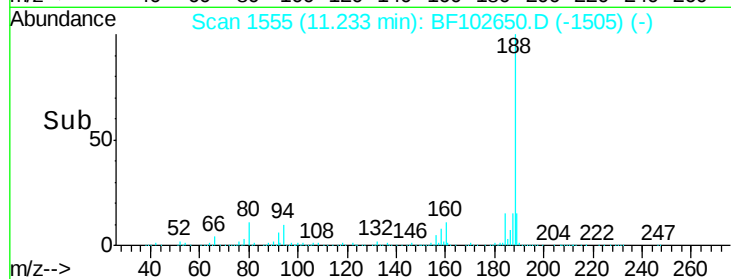
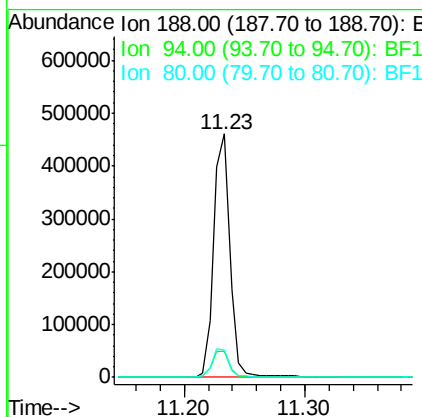
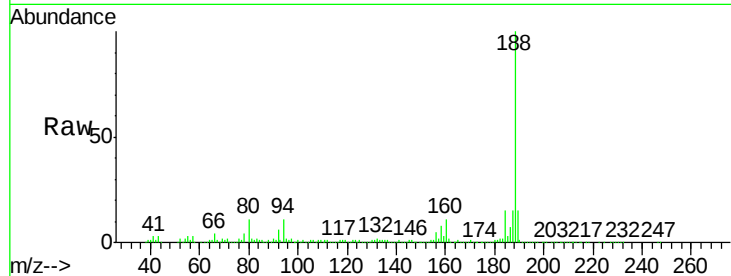
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425088		
94	10.7		8.5	12.7
80	11.1		9.2	13.8

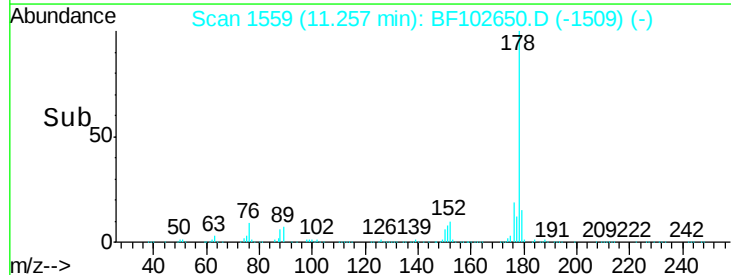
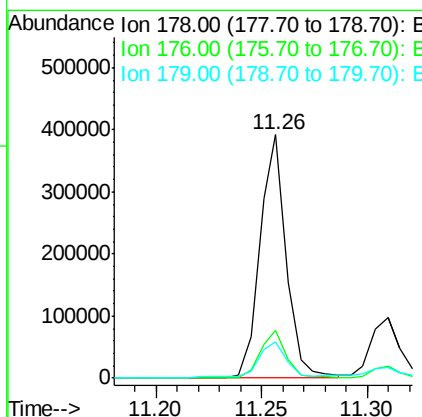
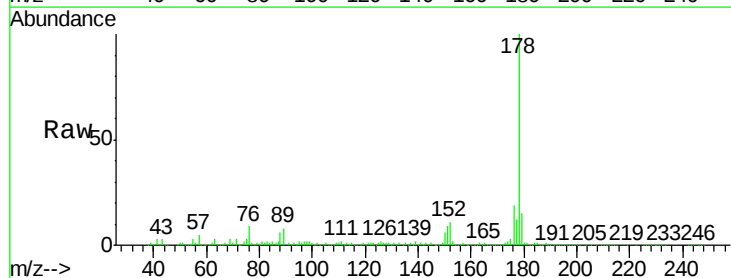
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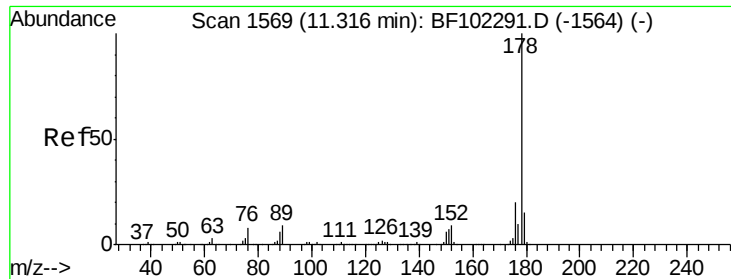
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#70
Phenanthrene
Concen: 13.520 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	334912		
176	19.4		15.8	23.8
179	15.2		13.0	19.6





#71

Anthracene

Concen: 3.786 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Instrument :

BNA_F

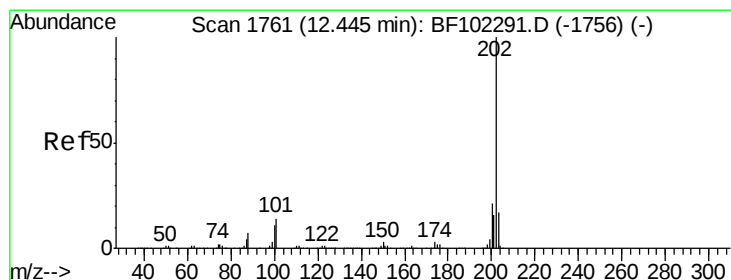
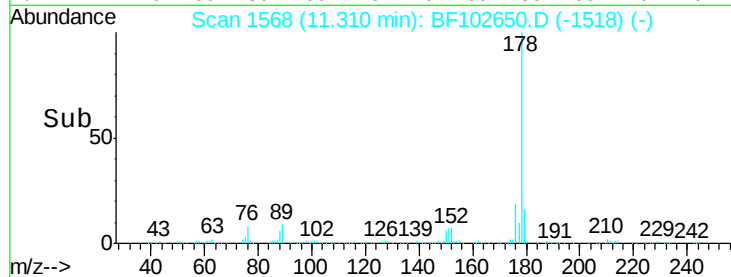
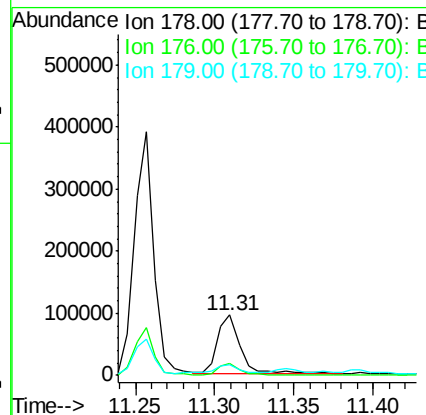
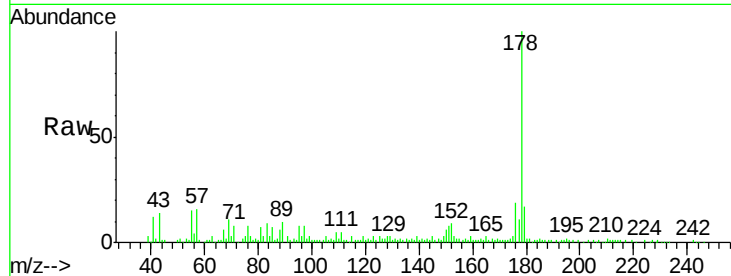
ClientSampleId :

WC-1-COMP

Tot Ion:	178	Resp:	95725
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	16.9	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 20.294 ng

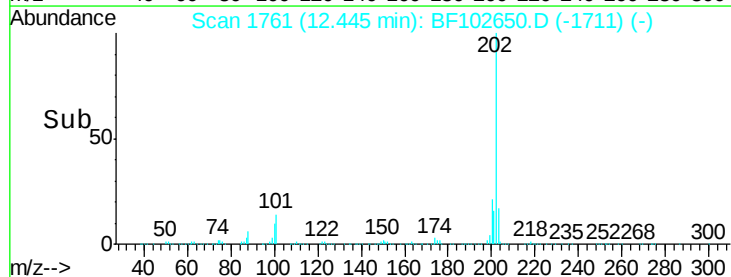
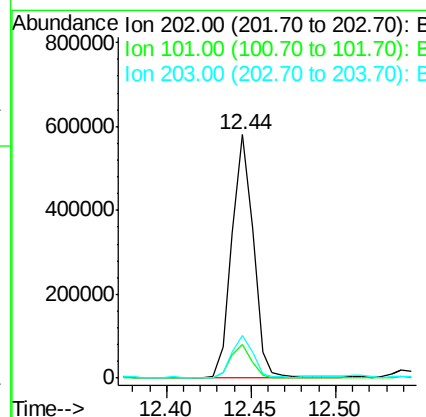
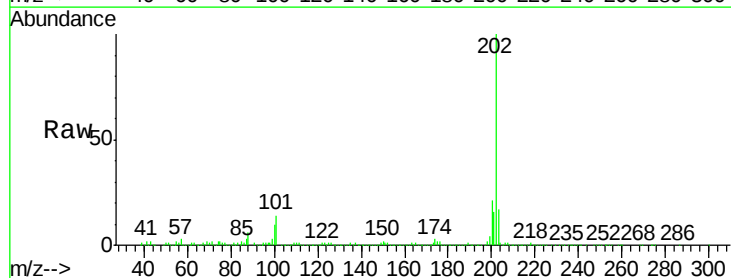
RT: 12.44 min Scan# 1761

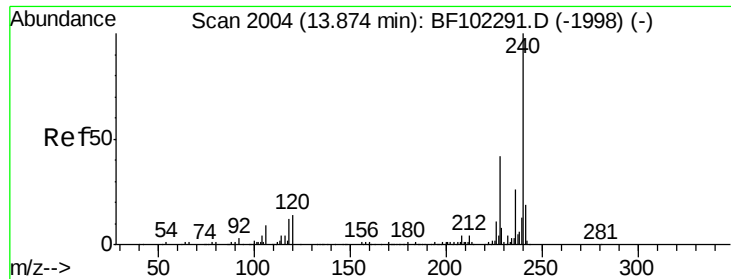
Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Tgt Ion:	202	Resp:	512628
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Instrument :

BNA_F

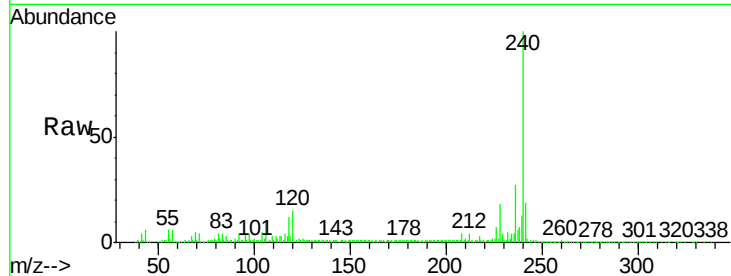
ClientSampleId :

WC-1-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.8	20.7	31.1

Manual Integrations
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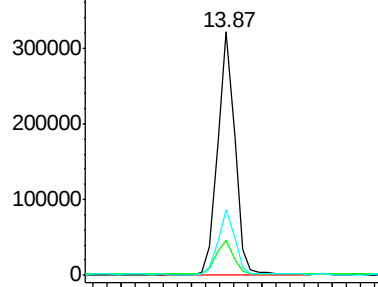
Sohil
1/31/2018 2:00:20 PM



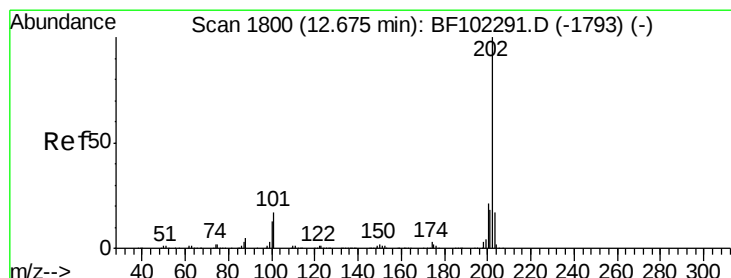
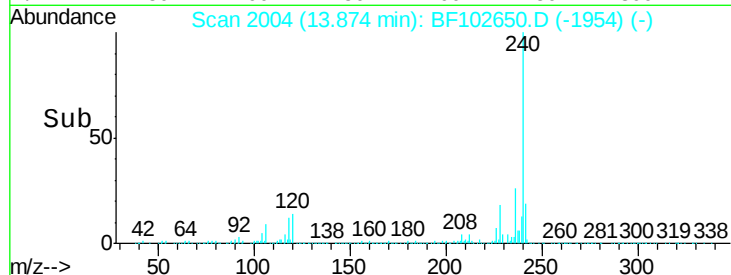
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 21.541 ng

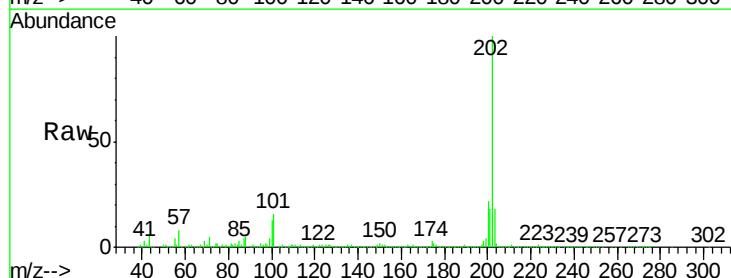
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

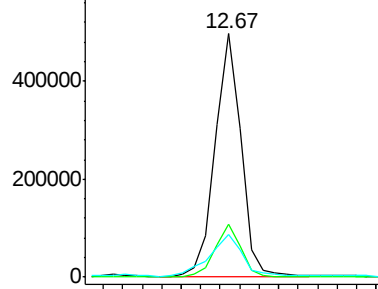
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5



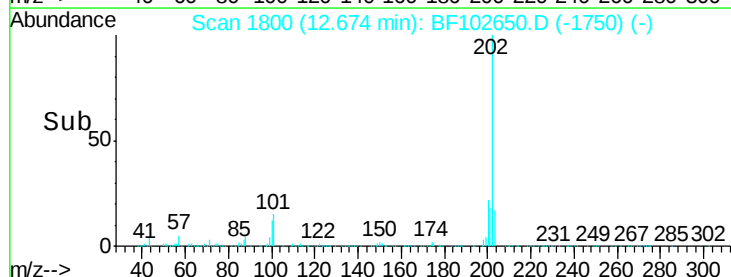
Abundance Ion 202.00 (201.70 to 202.70): E

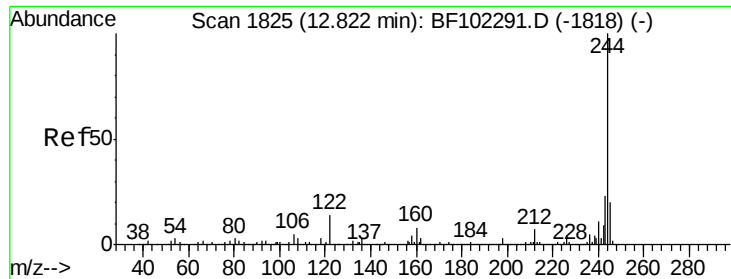
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#78

Terphenyl-d14

Concen: 76.354 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Instrument :

BNA_F

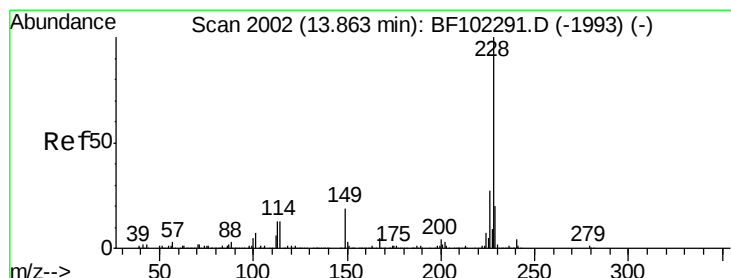
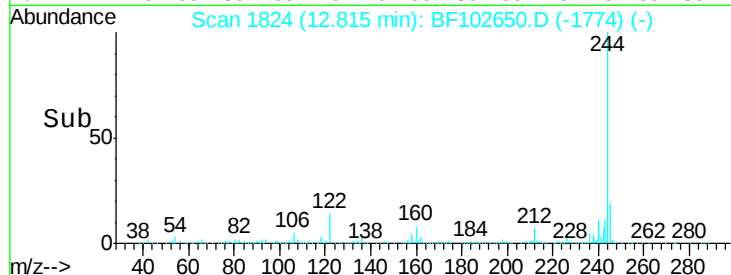
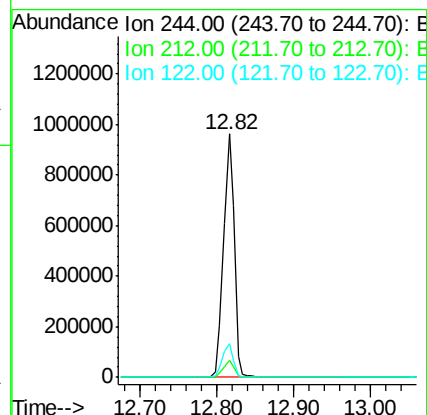
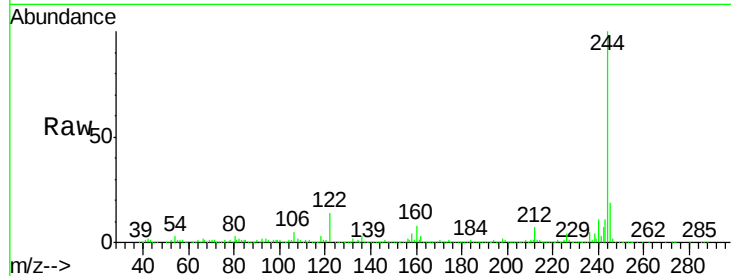
ClientSampleId :

WC-1-COMP

Tot Ion:	244	Resp:	928257
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 13.036 ng

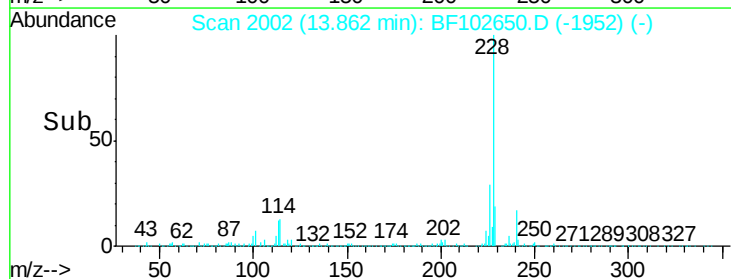
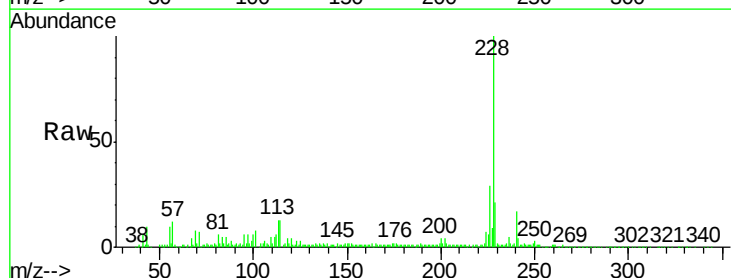
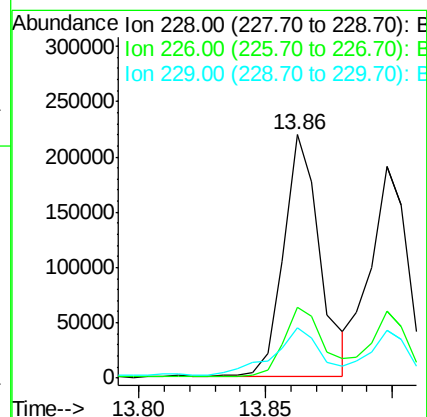
RT: 13.86 min Scan# 2002

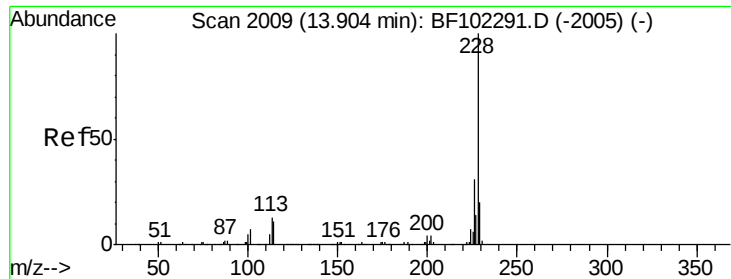
Delta R.T. -0.01 min

Lab File: BF102650.D

Acq: 30 Jan 2018 20:09

Tgt Ion:	228	Resp:	219962
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	33.8
229	20.9	15.8	23.6





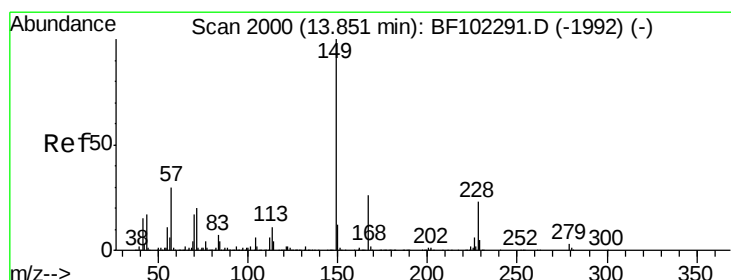
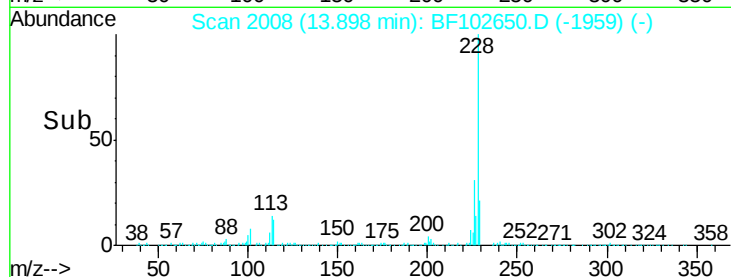
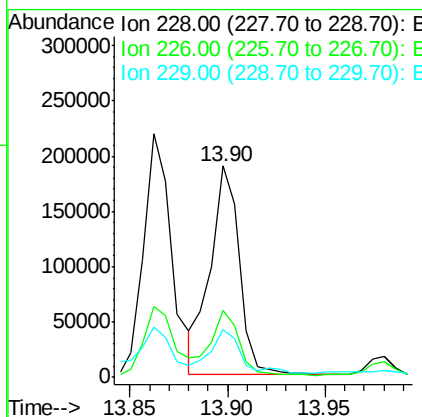
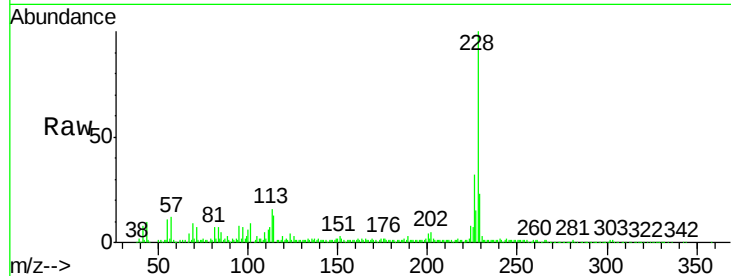
#82
Chrysene
Concen: 11.388 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion:	228	Resp:	195129
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.6	16.2	24.4

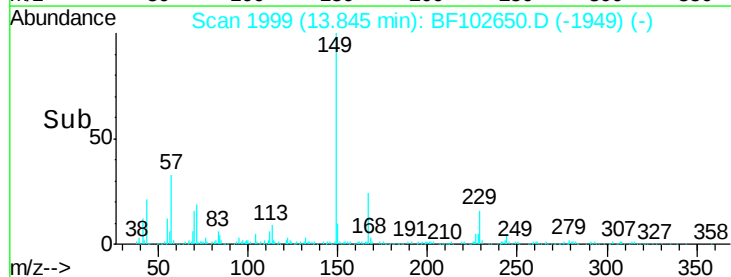
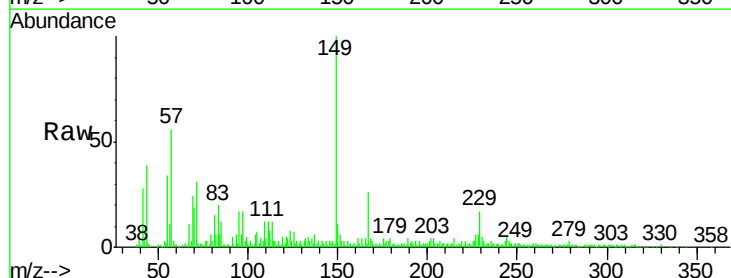
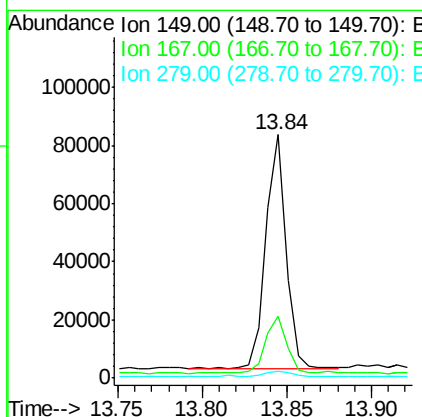
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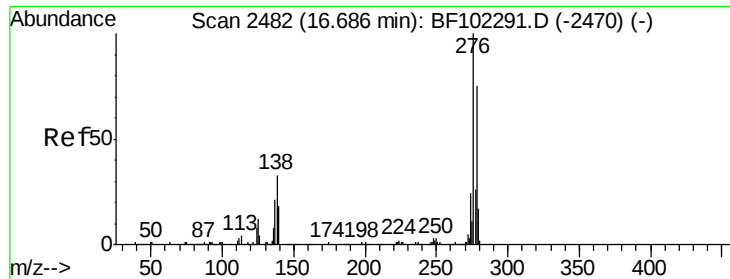
Sohil
1/31/2018 2:00:20 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 4.763 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion:	149	Resp:	67503
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.0	3.0	4.4





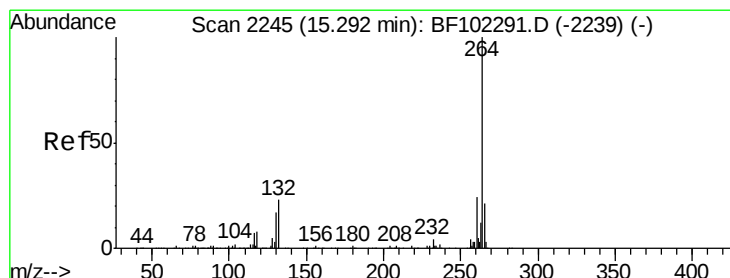
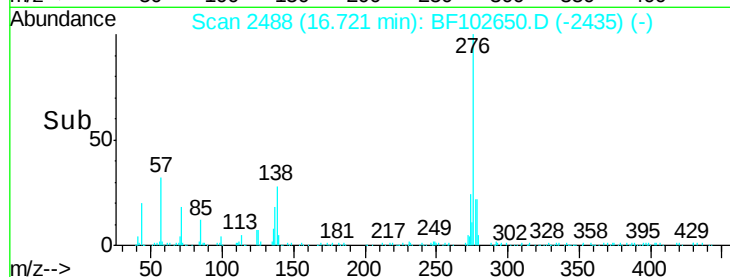
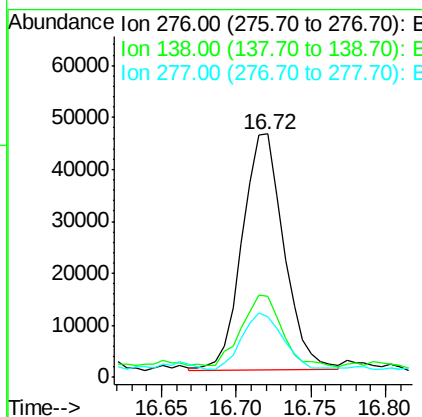
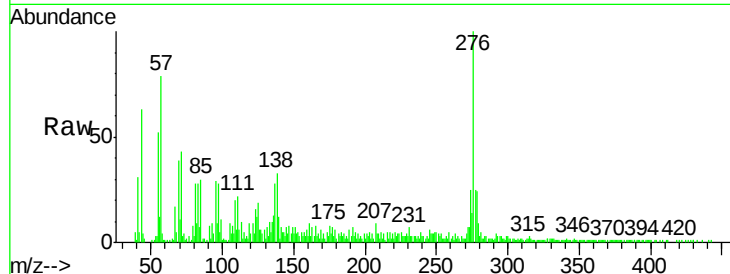
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.236 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.0	37.6
277	23.9	20.1	30.1

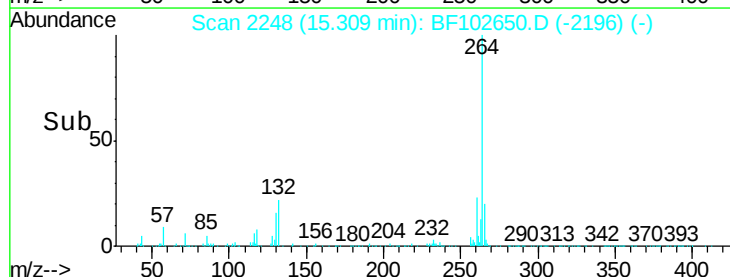
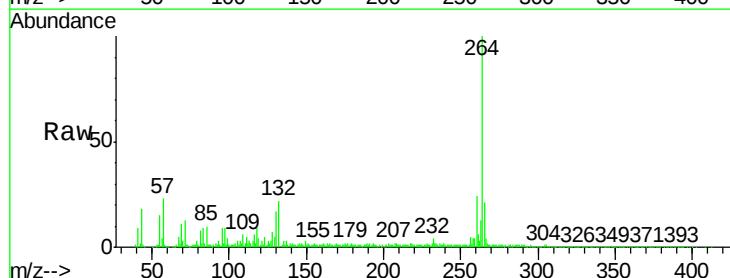
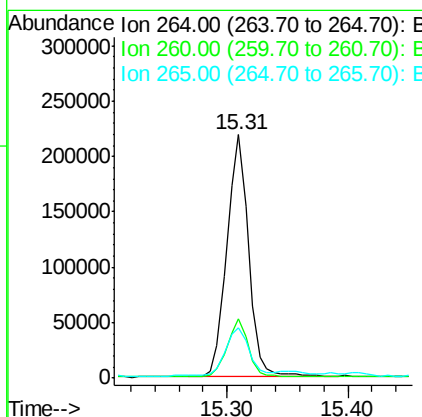
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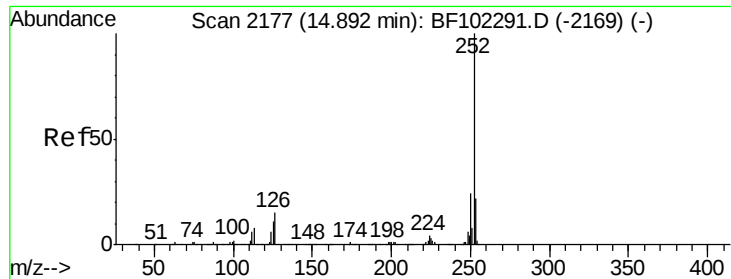
Sohil
1/31/2018 2:00:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.6	17.5	26.3





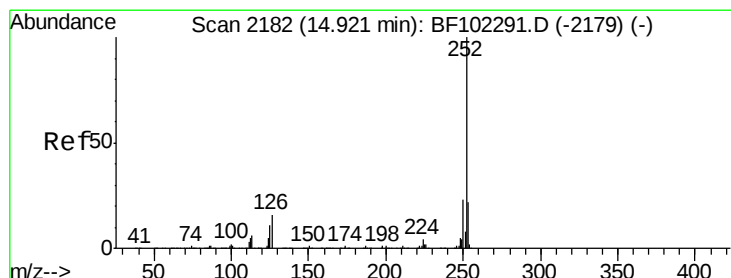
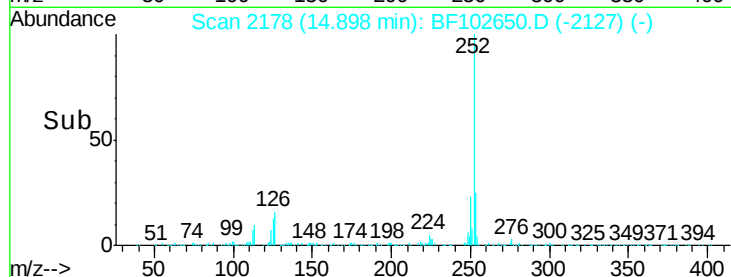
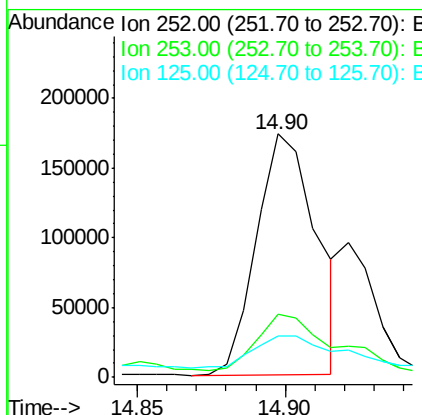
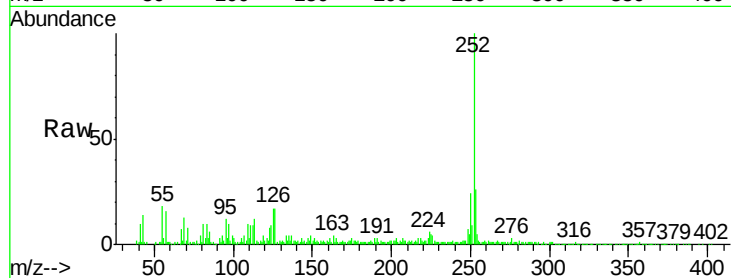
#87
Benzo(b)fluoranthene
Concen: 13.771 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.6#
125	17.2	9.0	13.6#

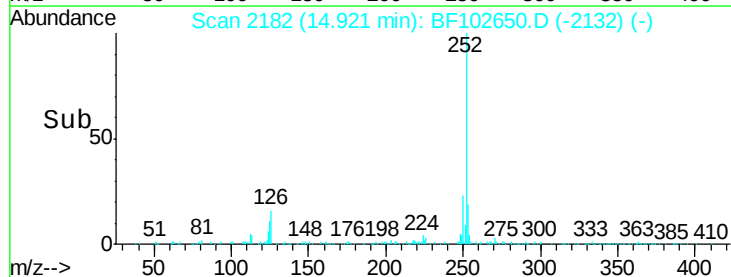
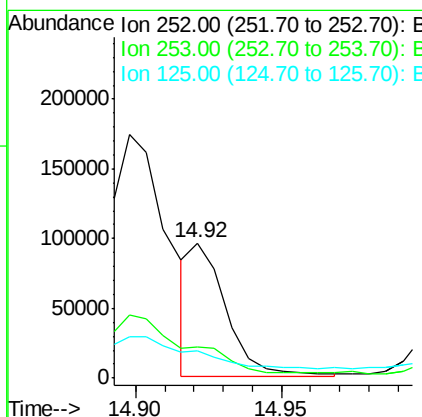
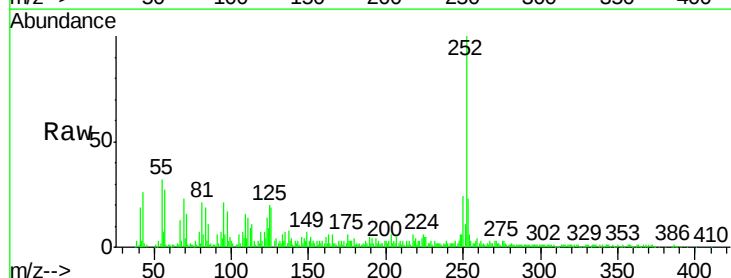
Manual Integrations
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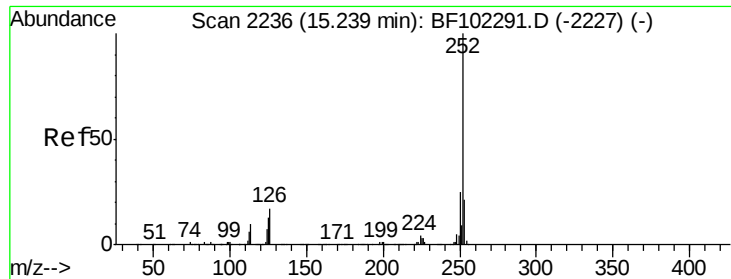
Sohil
1/31/2018 2:00:20 PM



#88
Benzo(k)fluoranthene
Concen: 4.976 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	20.0	10.2	15.2#





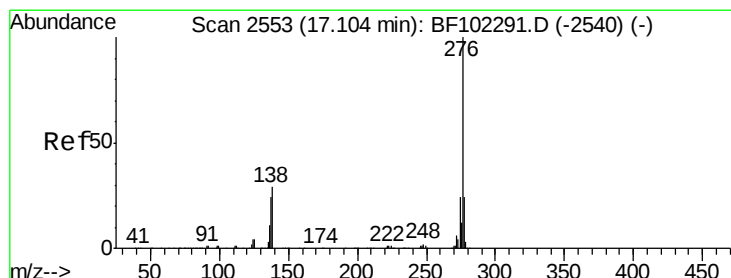
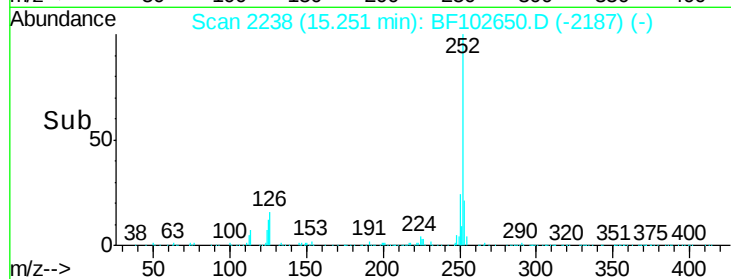
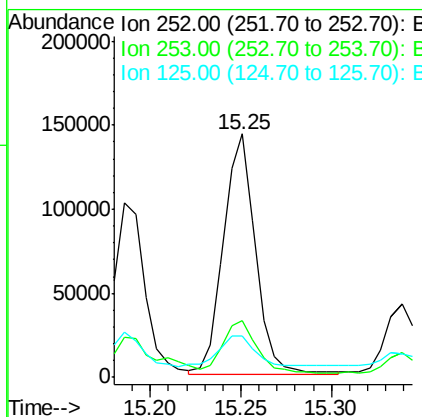
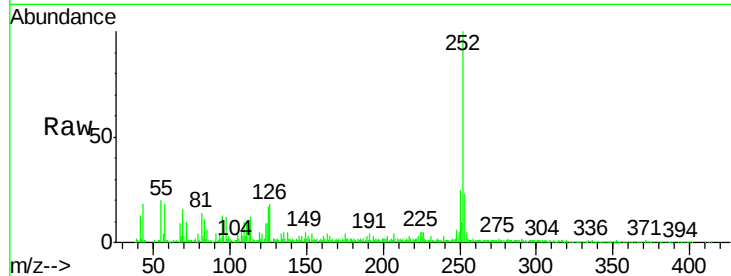
#89
Benzo(a)pyrene
Concen: 10.970 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	17.2	9.8	14.6

Manual Integrations
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1/31/2018 2:00:20 PM



#91
Benzo(g,h,i)perylene
Concen: 6.705 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF102650.D
Acq: 30 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	32.5	21.8	32.8

