

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102484.D
 Acq On : 26 Jan 2018 22:16
 Operator : SJ/JU
 Sample : J1253-11 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-06(5-16)

Manual Integrations
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Quant Time: Jan 26 23:28:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167619	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	680361	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	259805	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	368864	20.00	ng	0.00
75) Chrysene-d12	13.89	240	284458	20.00	ng	0.01
86) Perylene-d12	15.32	264	188312	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	643647	58.22	ng	0.00
7) Phenol-d6	6.37	99	772500	57.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	377649	31.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	89926	34.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	799790	45.26	ng	0.00
78) Terphenyl-d14	12.83	244	528510	41.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	106085	4.940	ng	Qvalue 100
70) Phenanthrene	11.27	178	207255	9.642	ng	99
71) Anthracene	11.32	178	66236	3.019	ng	98
74) Fluoranthene	12.46	202	396754	18.101	ng	96
77) Pyrene	12.69	202	421711	19.175	ng	99
80) Benzo(a)anthracene	13.88	228	212841	12.153	ng	99
82) Chrysene	13.92	228	209665	11.789	ng	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	59131	4.026	ng	98
87) Benzo(b)fluoranthene	14.91	252	160942m	13.186	ng	
88) Benzo(k)fluoranthene	14.94	252	62506m	5.420	ng	
89) Benzo(a)pyrene	15.26	252	113387	10.300	ng	# 89
91) Benzo(a,h,i)perylene	17.16	276	58200	6.610	ng	# 87

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

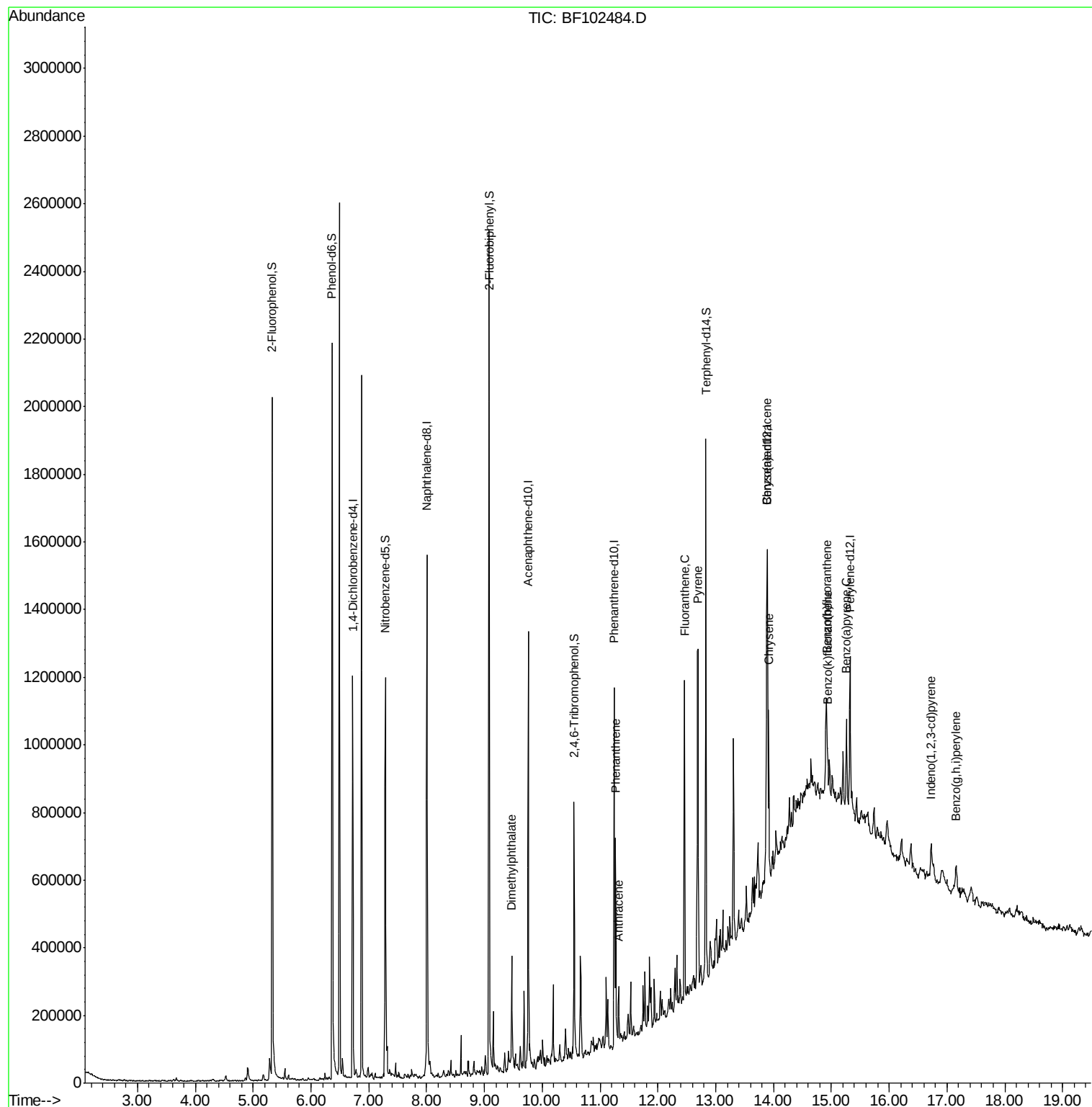
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Acq On : 26 Jan 2018 22:16
Operator : SJ/JU
Sample : J1253-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

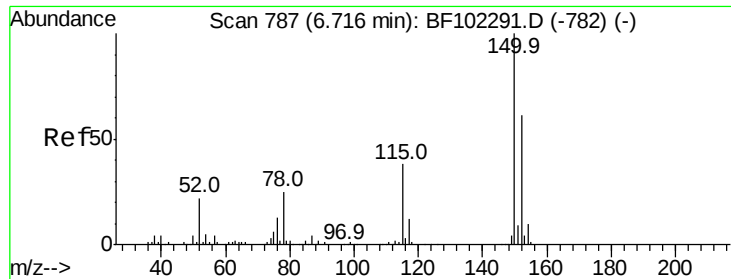
Instrument :
BNA_F
ClientSampleId :
WC-06(5-16)

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Quant Time: Jan 26 23:28:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

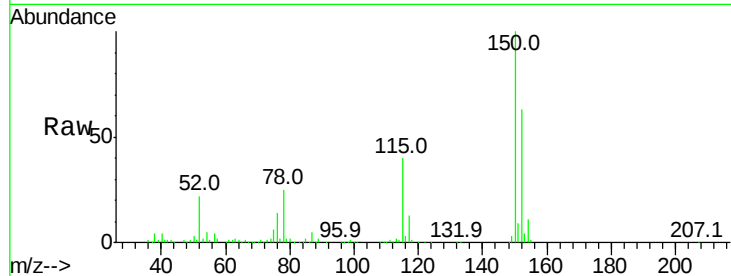
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampleId :
WC-06(5-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.2	50.1	75.1

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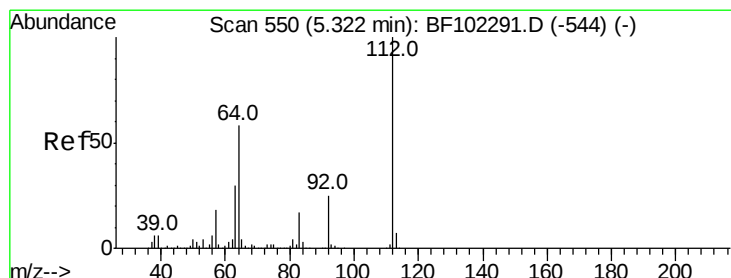
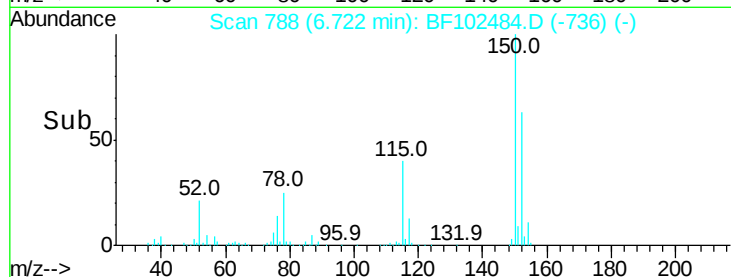
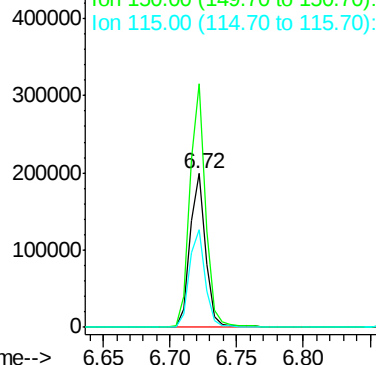


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

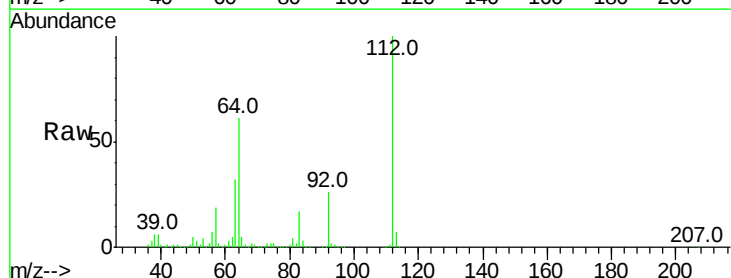
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.223 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.6	23.7	35.5

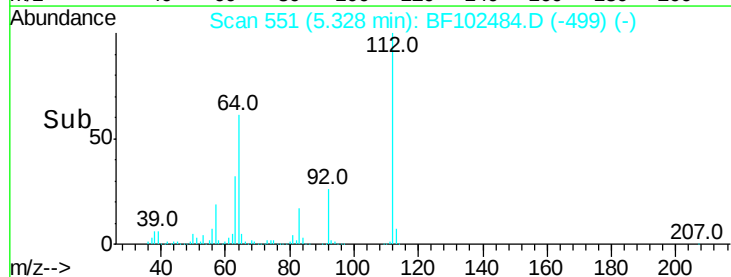
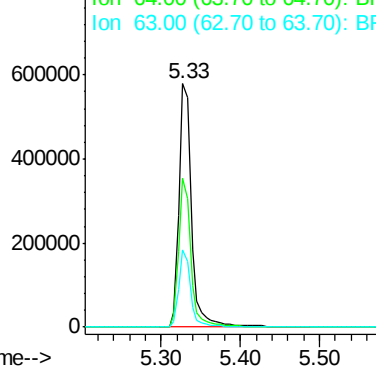


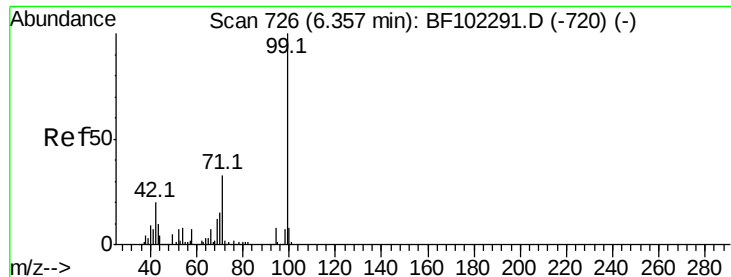
Abundance

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: 57.963 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Instrument :

BNA_F

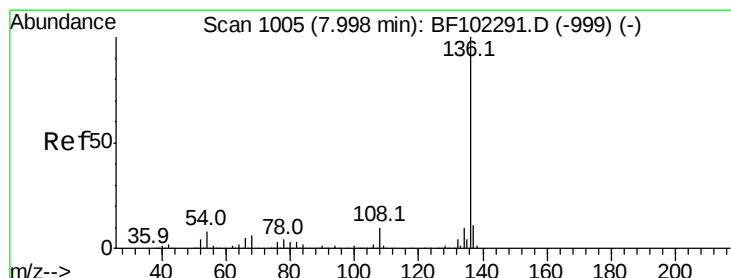
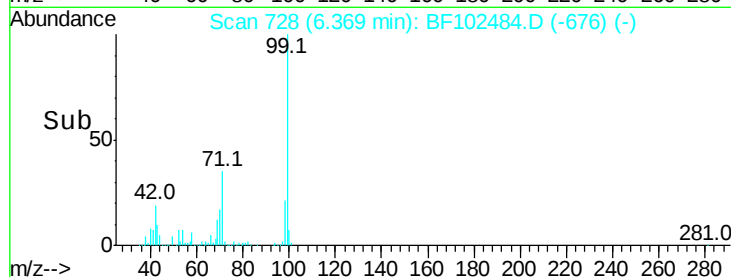
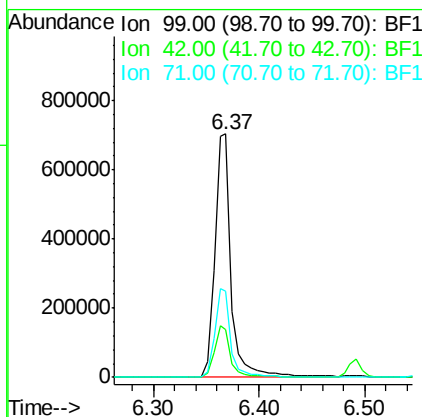
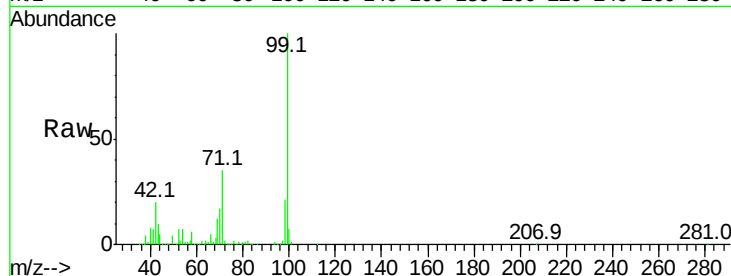
ClientSampleId :

WC-06(5-16)

Tot Ion:	99	Resp:	772500
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	35.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

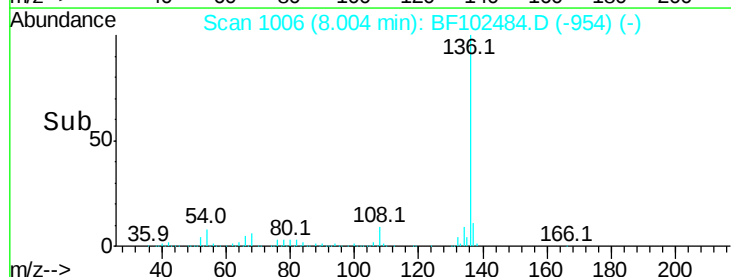
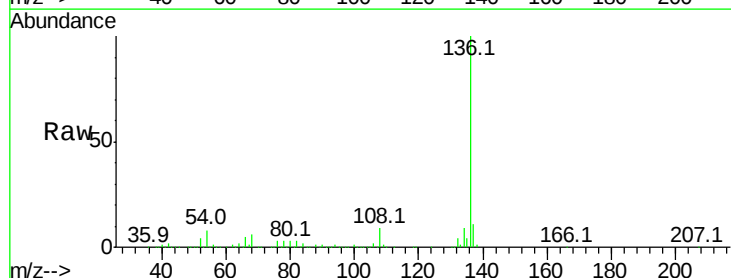
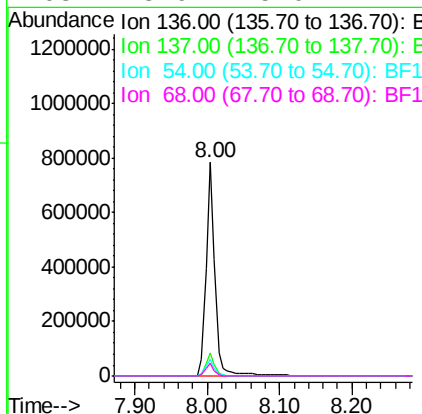
RT: 8.00 min Scan# 1006

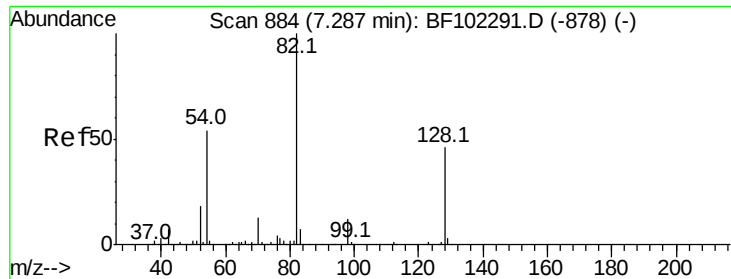
Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Tgt Ion:	136	Resp:	680361
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4





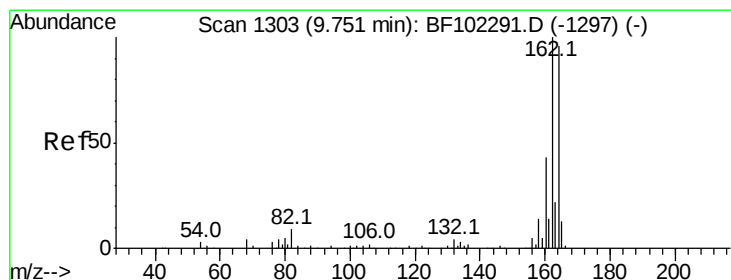
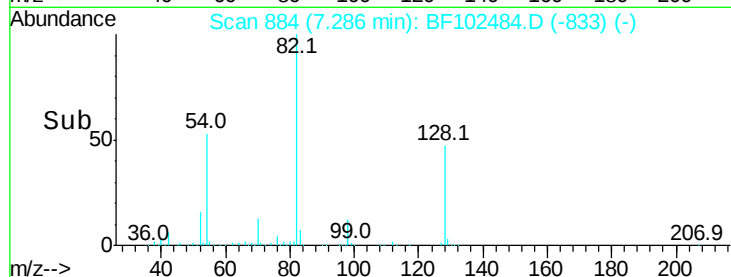
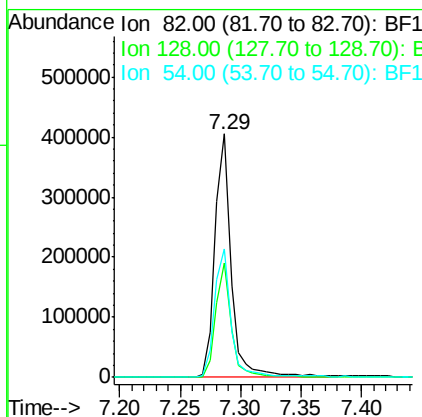
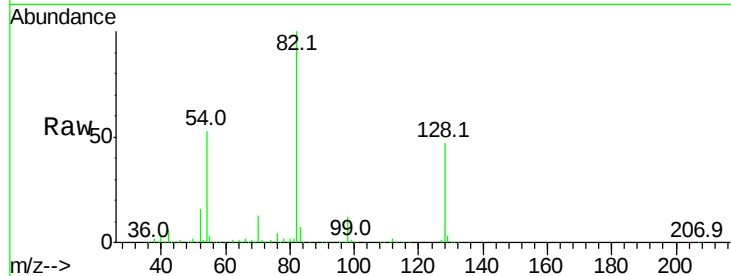
#23
Nitrobenzene-d5
Concen: 31.898 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampled :
WC-06(5-16)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	52.8	41.4	62.2

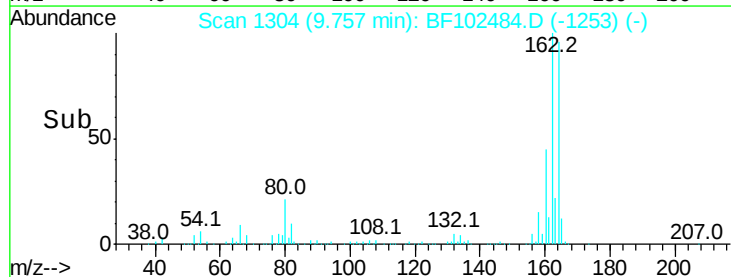
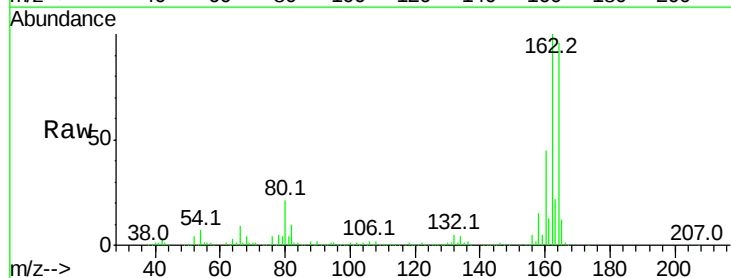
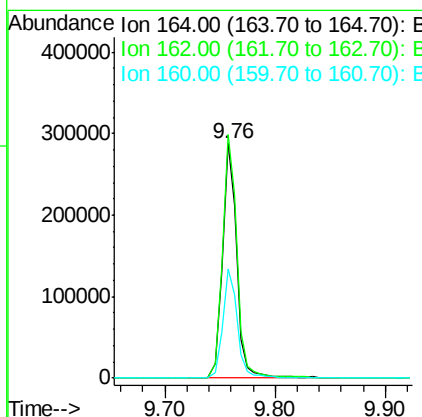
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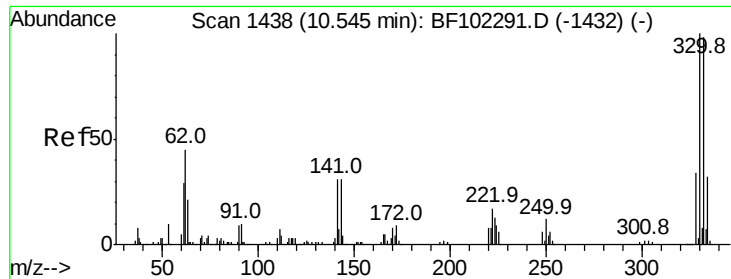
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.5	38.3	57.5





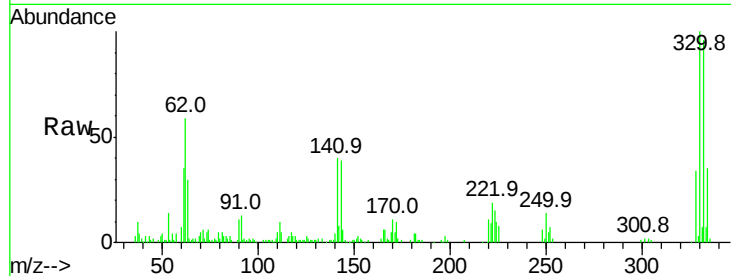
#41
 2,4,6-Tribromophenol
 Concen: 34.932 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102484.D
 Acq: 26 Jan 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-06(5-16)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	43.9	29.9	44.9	

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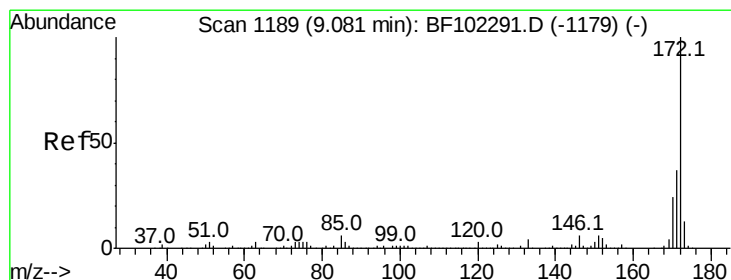
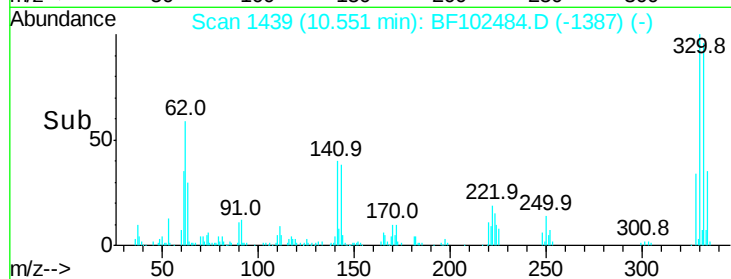
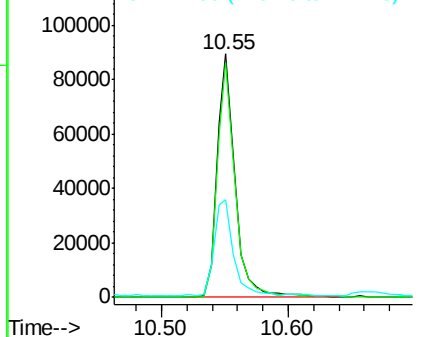


Abundance

Ion 329.80 (329.50 to 330.50): E

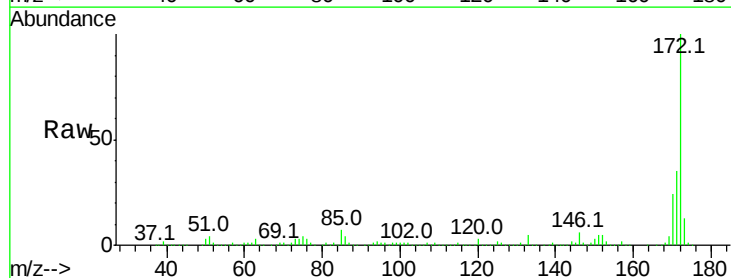
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 45.264 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102484.D
 Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.9	19.6	29.4	

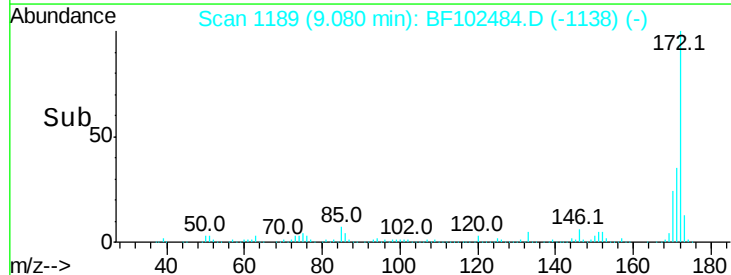
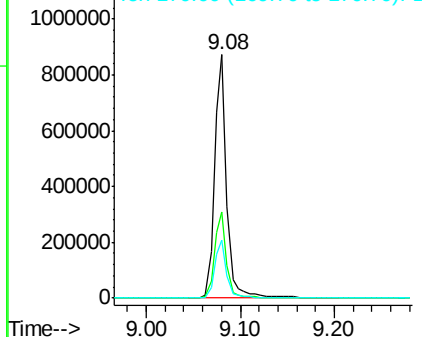


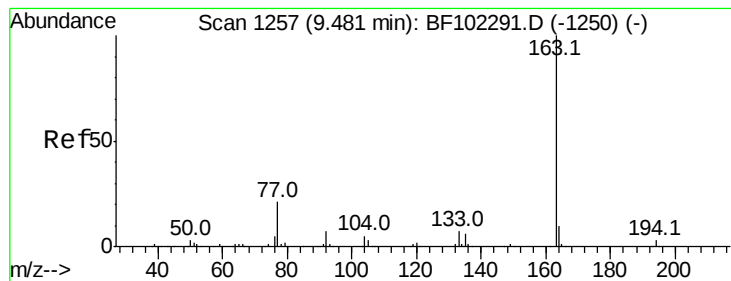
Abundance

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: 4.940 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Instrument :

BNA_F

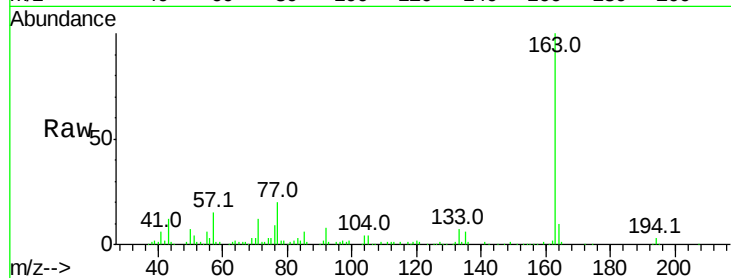
ClientSampleId :

WC-06(5-16)

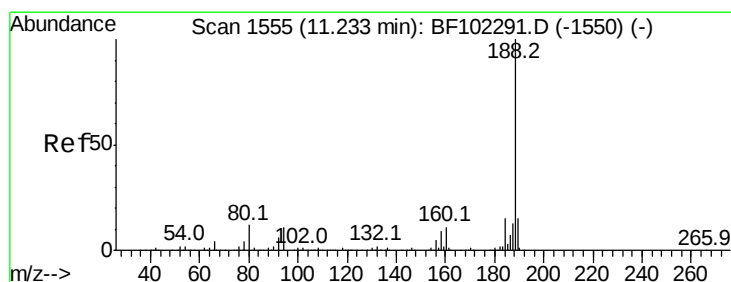
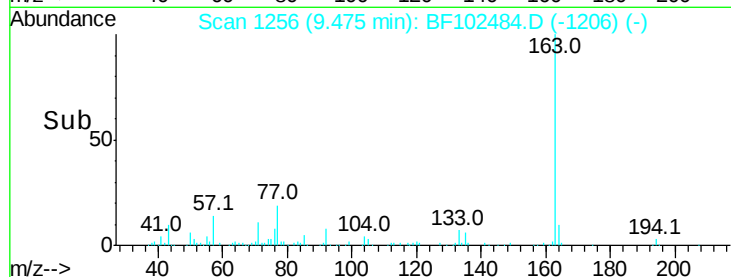
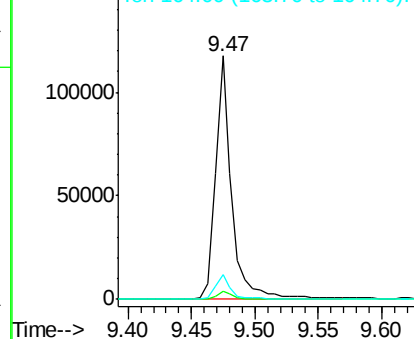
Tot Ion:	163	Resp:	106085
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

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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

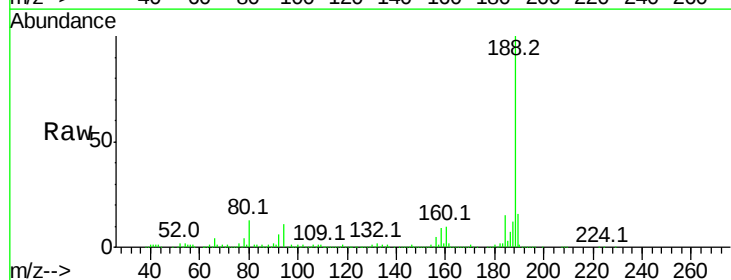
RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

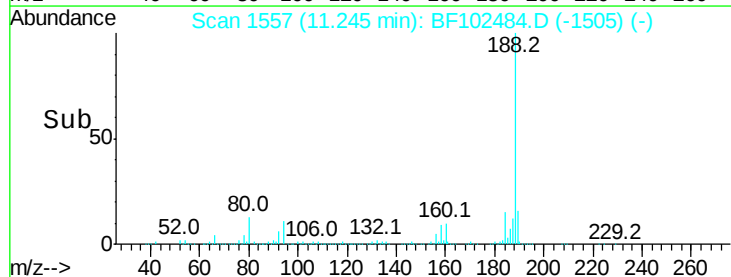
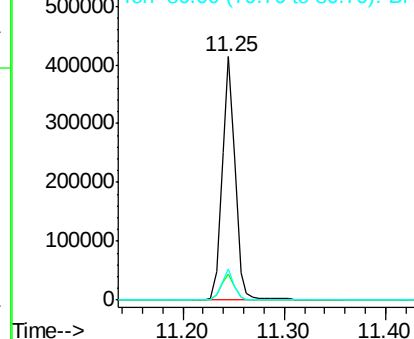
Lab File: BF102484.D

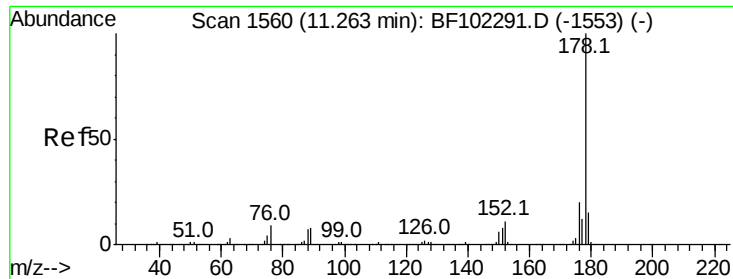
Acq: 26 Jan 2018 22:16

Tgt Ion:	188	Resp:	368864
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	12.7	9.2	13.8



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





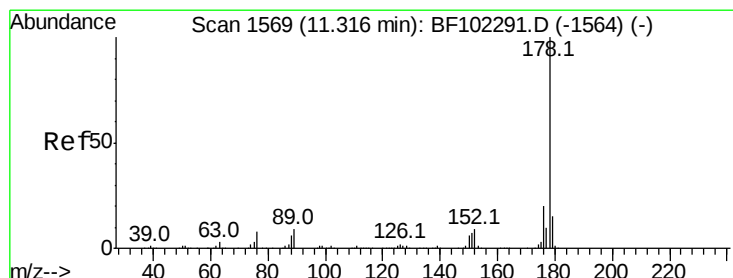
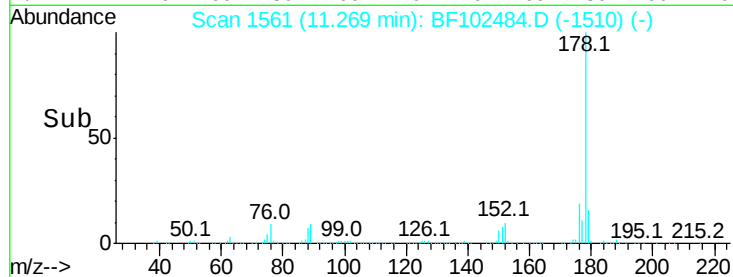
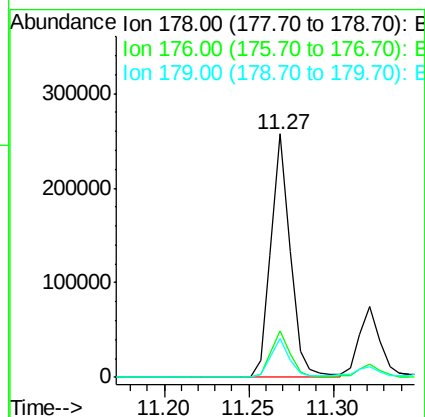
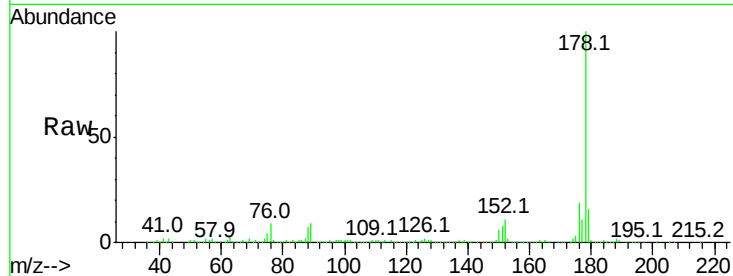
#70
Phenanthrene
Concen: 9.642 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampleId :
WC-06(5-16)

Tot Ion	Ratio	Resp	Lower	Upper
178	100	207255		
176	18.9		15.8	23.8
179	16.0		13.0	19.6

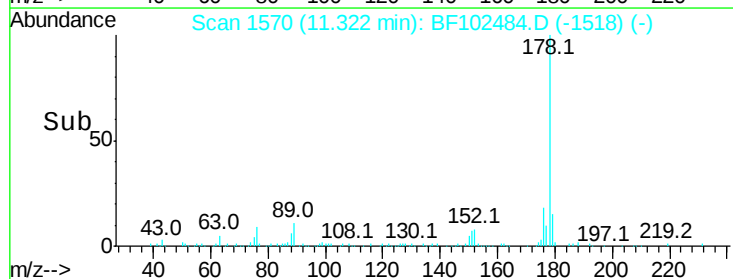
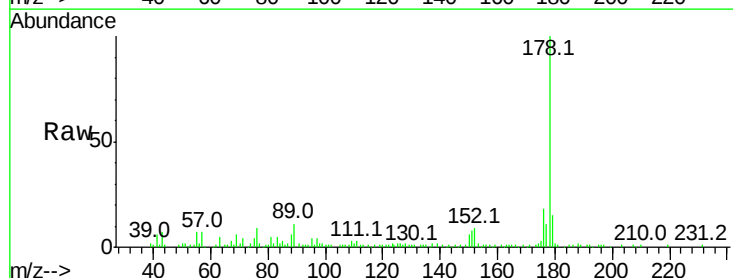
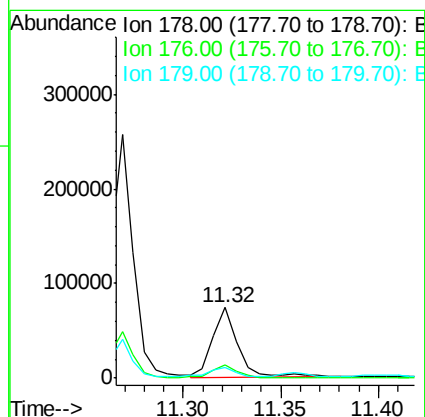
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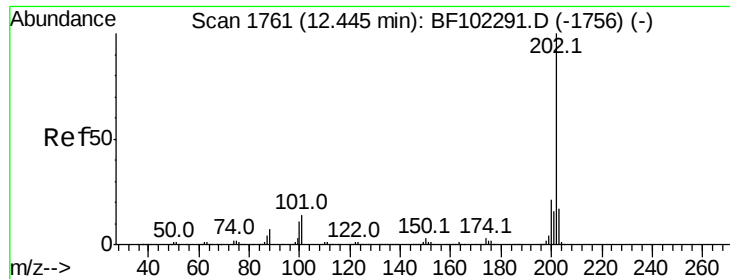
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#71
Anthracene
Concen: 3.019 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	66236		
176	18.1		15.4	23.2
179	15.2		12.6	19.0





#74

Fluoranthene

Concen: 18.101 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Instrument :

BNA_F

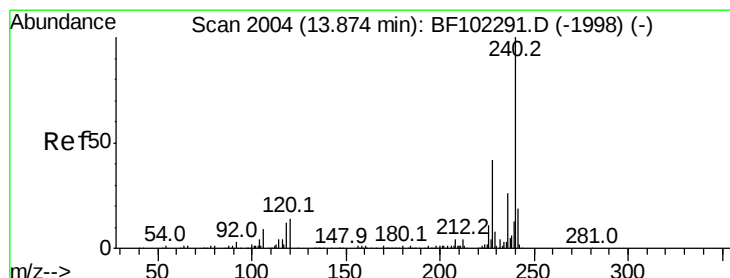
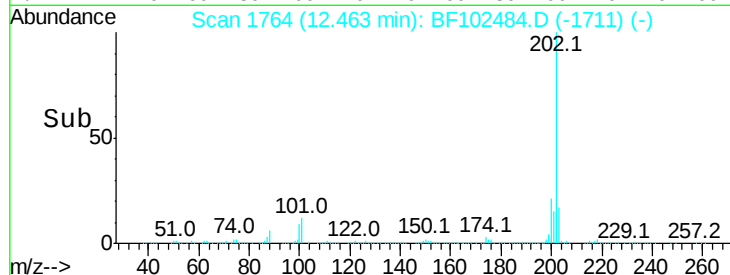
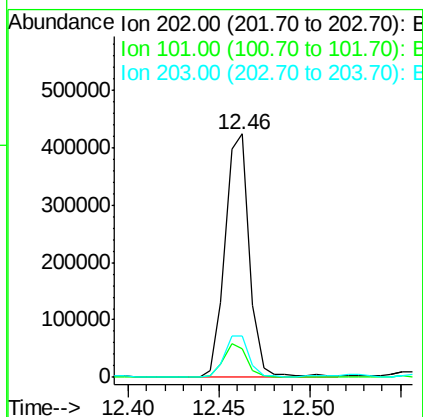
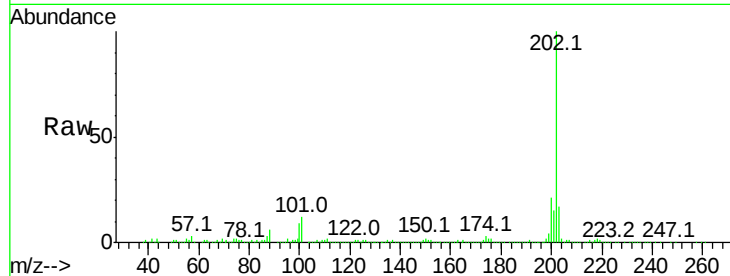
ClientSampleId :

WC-06(5-16)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

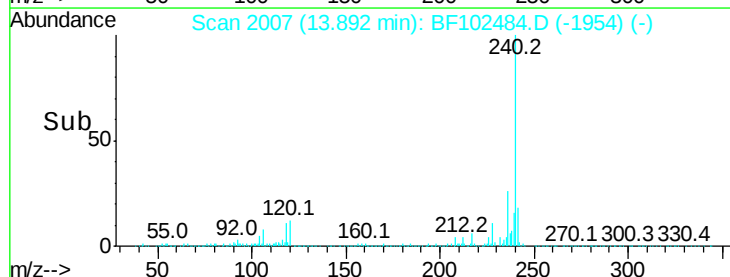
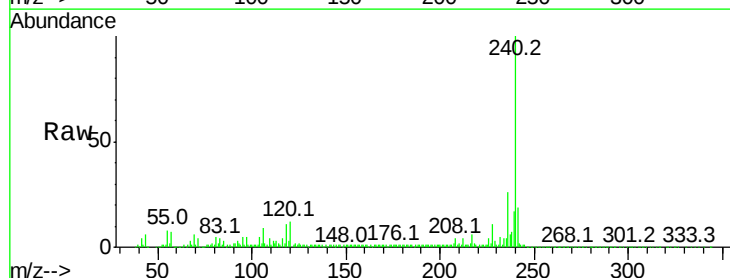
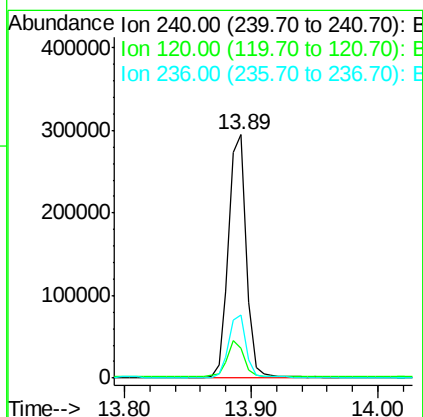
RT: 13.89 min Scan# 2007

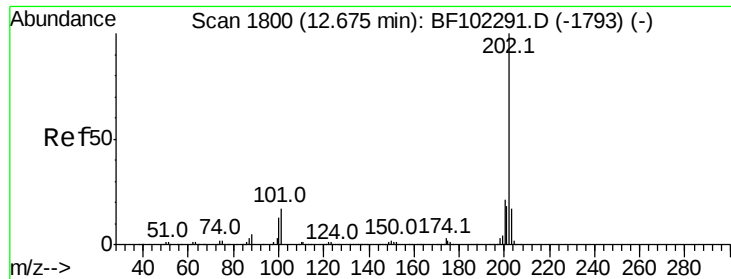
Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1





#77

Pvrene

Concen: 19.175 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Instrument :

BNA_F

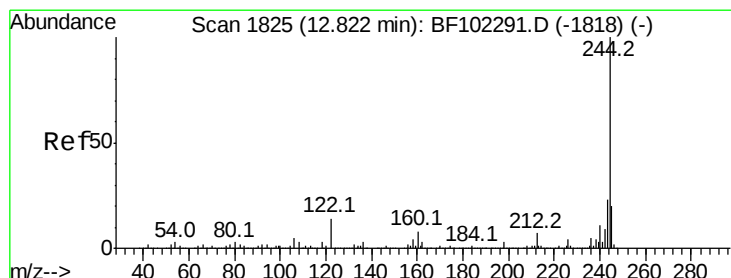
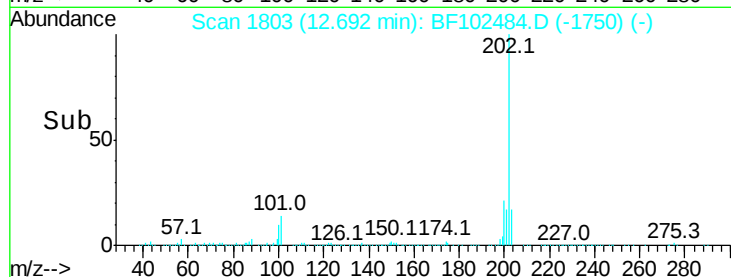
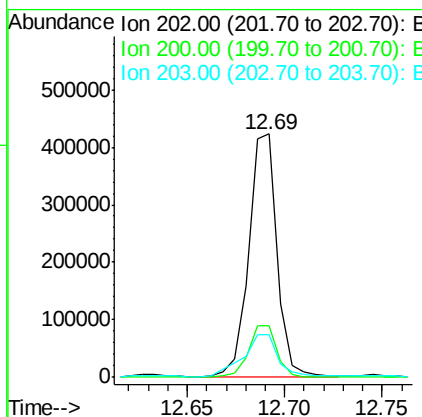
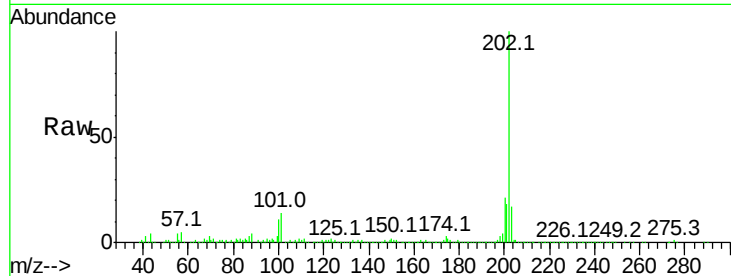
ClientSampled :

WC-06(5-16)

Tot Ion:	202	Resp:	421711
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 41.885 ng

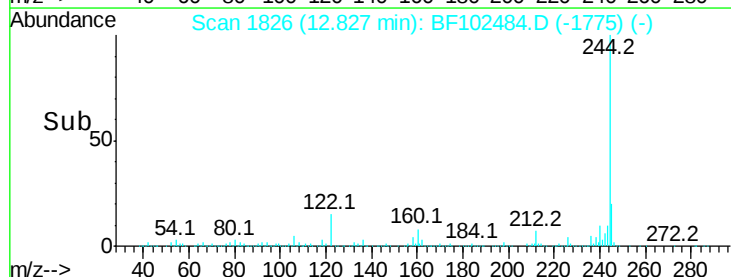
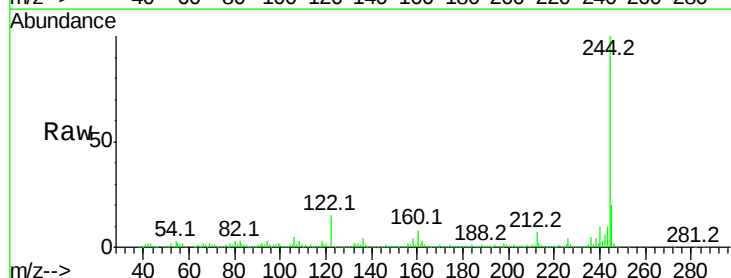
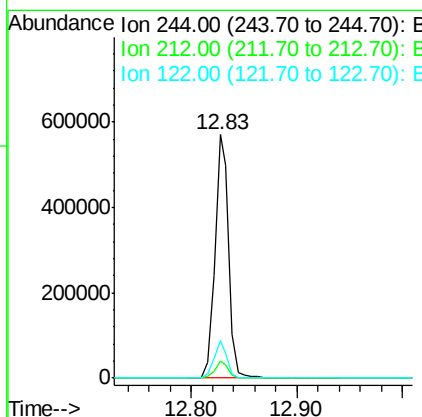
RT: 12.83 min Scan# 1826

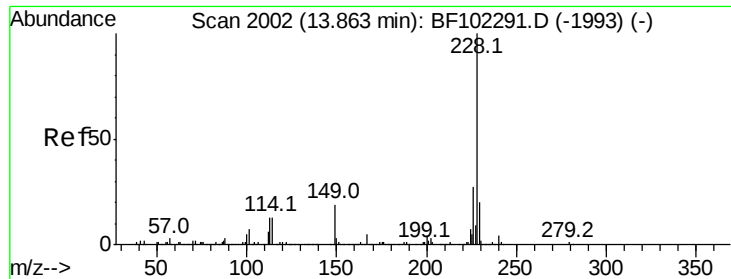
Delta R.T. -0.00 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Tgt Ion:	244	Resp:	528510
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	15.4	11.0	16.4





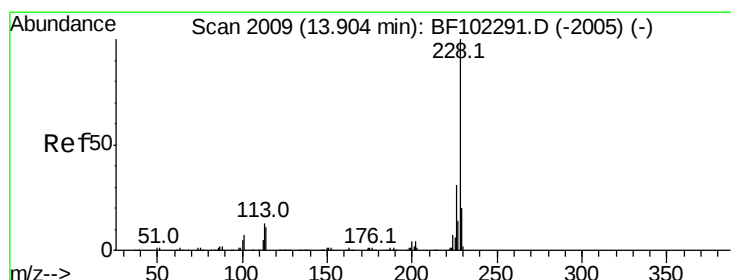
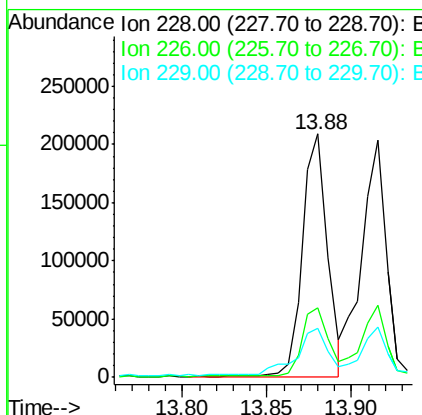
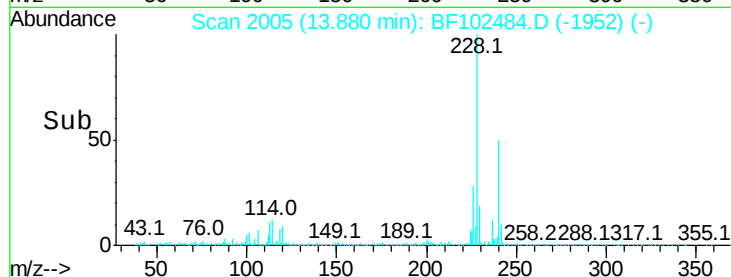
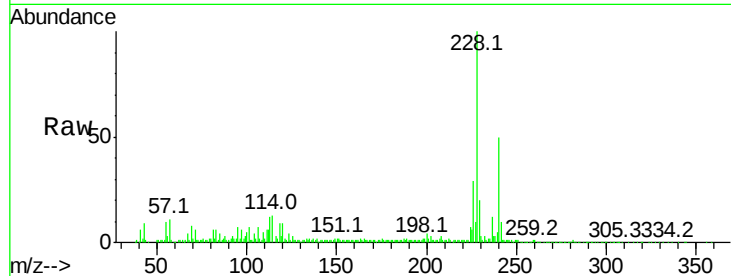
#80
Benzo(a)anthracene
Concen: 12.153 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampleId :
WC-06(5-16)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.0	15.8	23.6

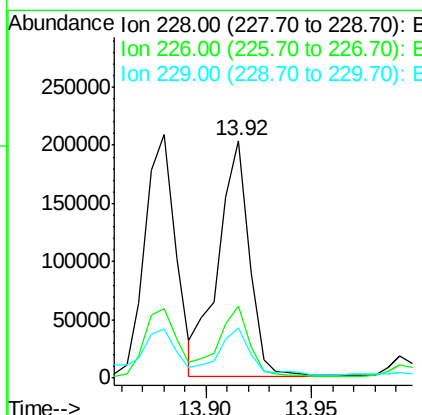
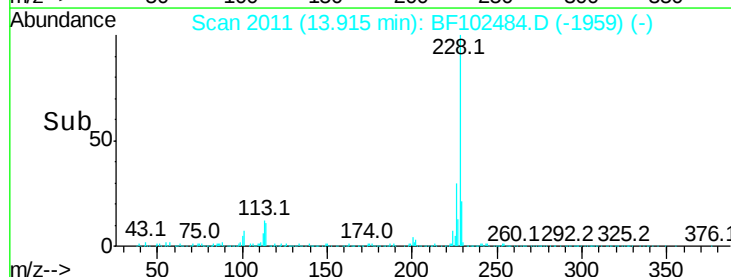
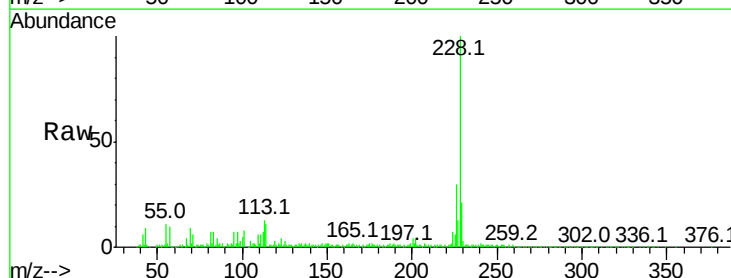
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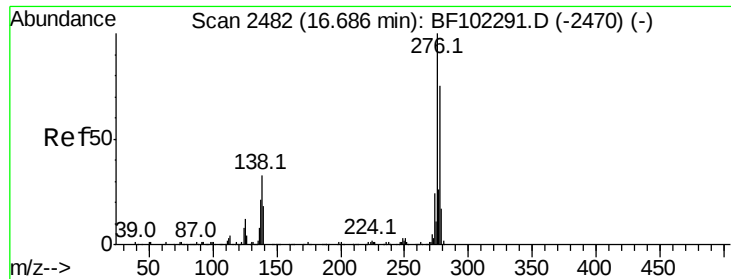
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#82
Chrysene
Concen: 11.789 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.1	16.2	24.4





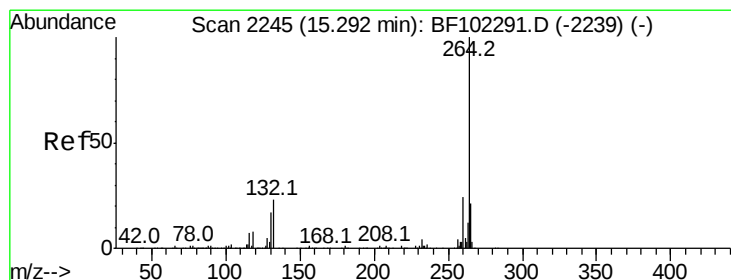
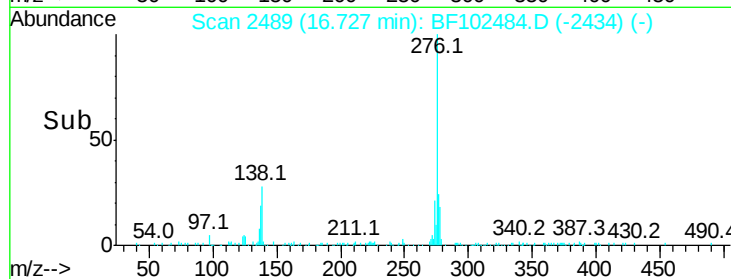
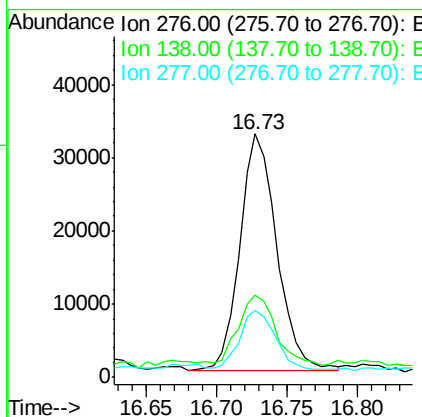
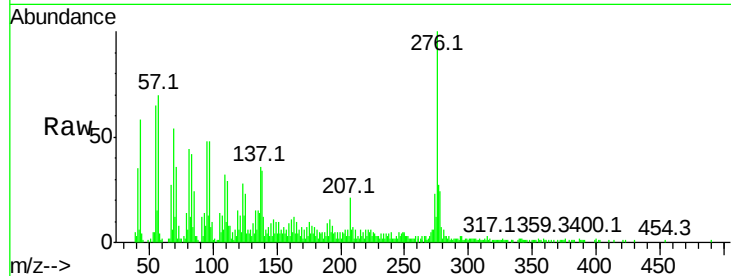
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.026 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampled :
WC-06(5-16)

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.2	20.1	30.1

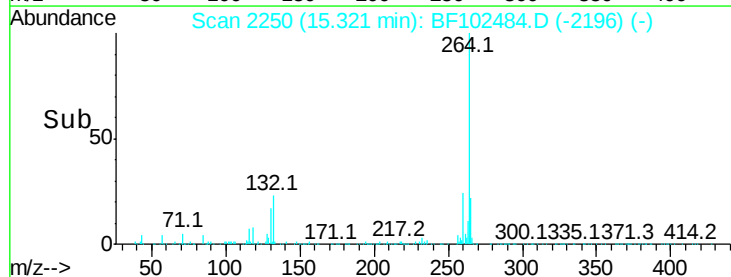
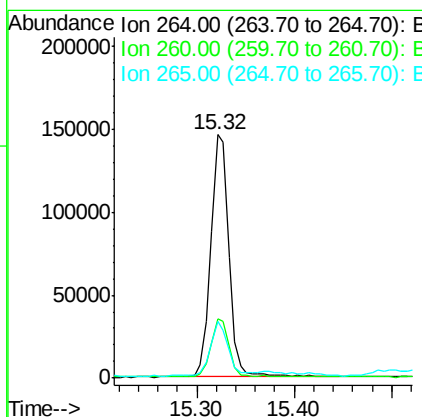
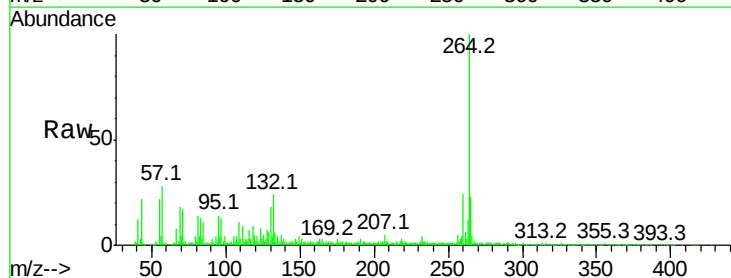
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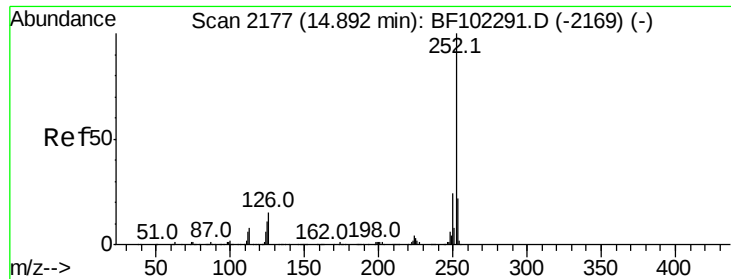
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 13.186 ng m

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Instrument :

BNA_F

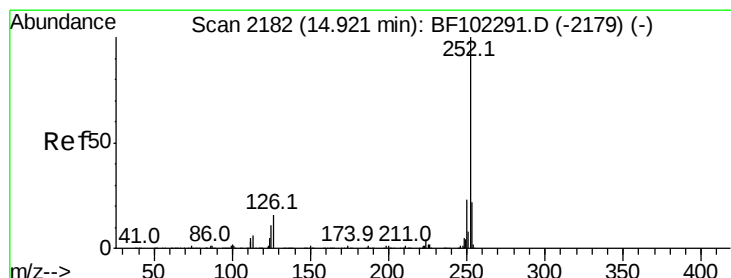
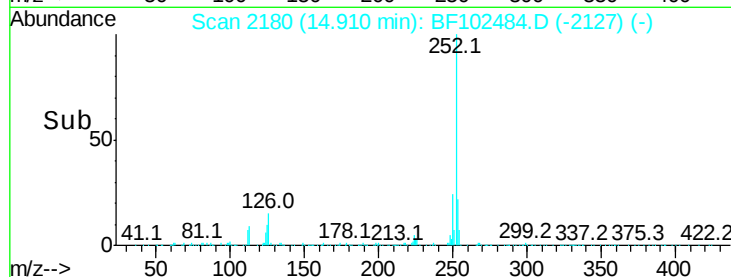
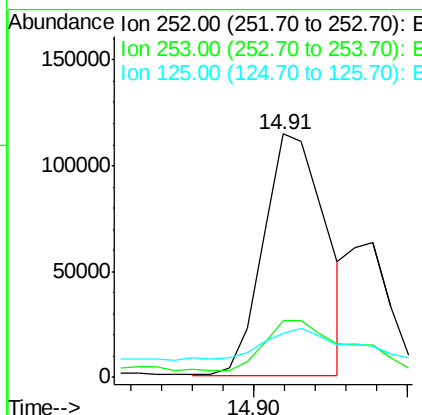
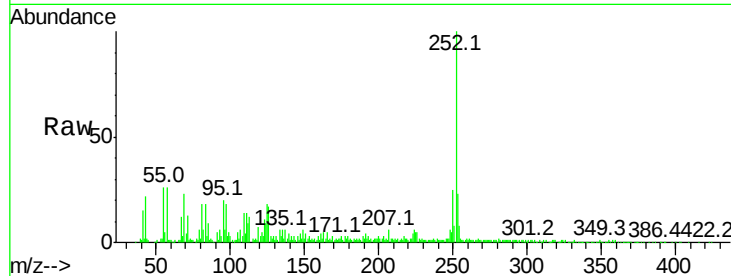
ClientSampleId :

WC-06(5-16)

Tot Ion:	252	Resp:	160942
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	18.3	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 5.420 ng m

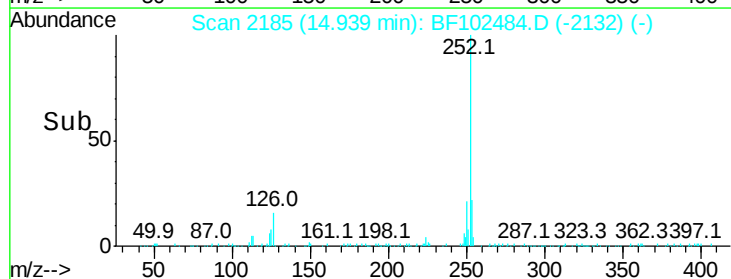
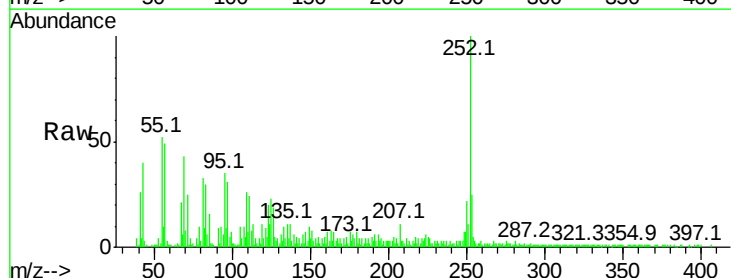
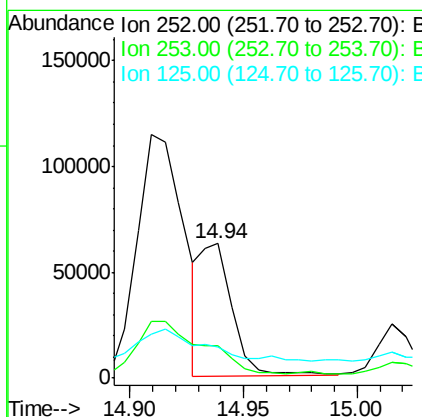
RT: 14.94 min Scan# 2185

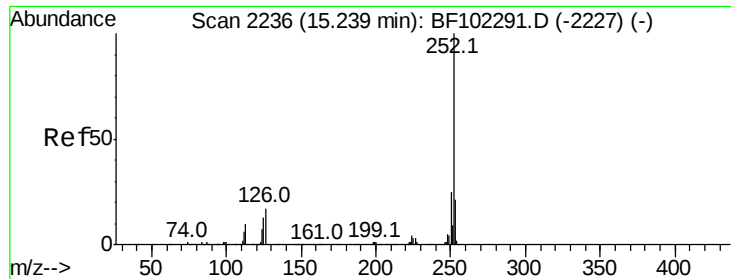
Delta R.T. 0.01 min

Lab File: BF102484.D

Acq: 26 Jan 2018 22:16

Tgt Ion:	252	Resp:	62506
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.9	26.9
125	22.9	10.2	15.2#





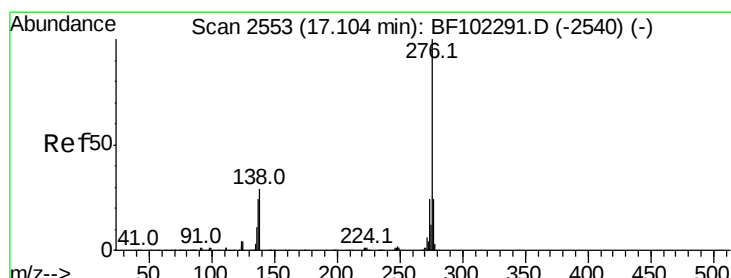
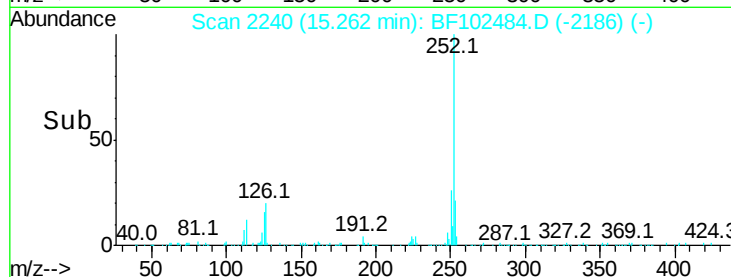
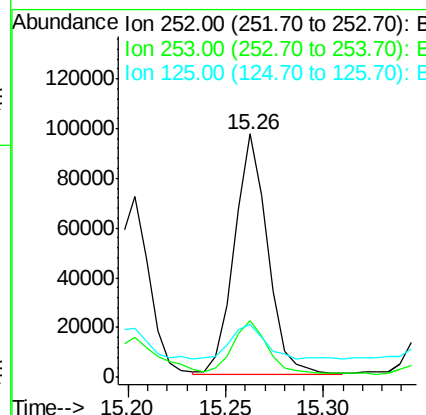
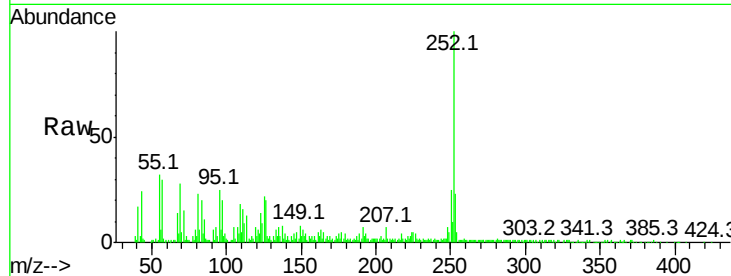
#89
Benzo(a)pyrene
Concen: 10.300 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Instrument :
BNA_F
ClientSampleId :
WC-06(5-16)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	21.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.610 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.03 min
Lab File: BF102484.D
Acq: 26 Jan 2018 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	36.6	21.8	32.8

