

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103480.D
 Acq On : 7 Mar 2018 2:20
 Operator : SJ/JU
 Sample : J1810-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHA-WCD

Manual Integrations
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Sohil
 3/7/2018 12:17:47 PM

Quant Time: Mar 07 06:56:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114191	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	473490	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	183040	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279140	20.00	ng	0.00
75) Chrysene-d12	14.06	240	200250	20.00	ng	0.00
86) Perylene-d12	15.57	264	155930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	884669	117.17	ng	0.00
7) Phenol-d6	6.51	99	1054736	114.16	ng	0.00
23) Nitrobenzene-d5	7.44	82	679868	82.00	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	123566	79.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	779575	70.40	ng	0.00
78) Terphenyl-d14	12.99	244	527195	63.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	91873	6.257	ng	100
70) Phenanthrene	11.43	178	34898	2.272	ng	97
74) Fluoranthene	12.63	202	71636	4.641	ng	98
77) Pyrene	12.86	202	66766	4.276	ng	99
87) Benzo(b)fluoranthene	15.13	252	20817m	2.030	ng	

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

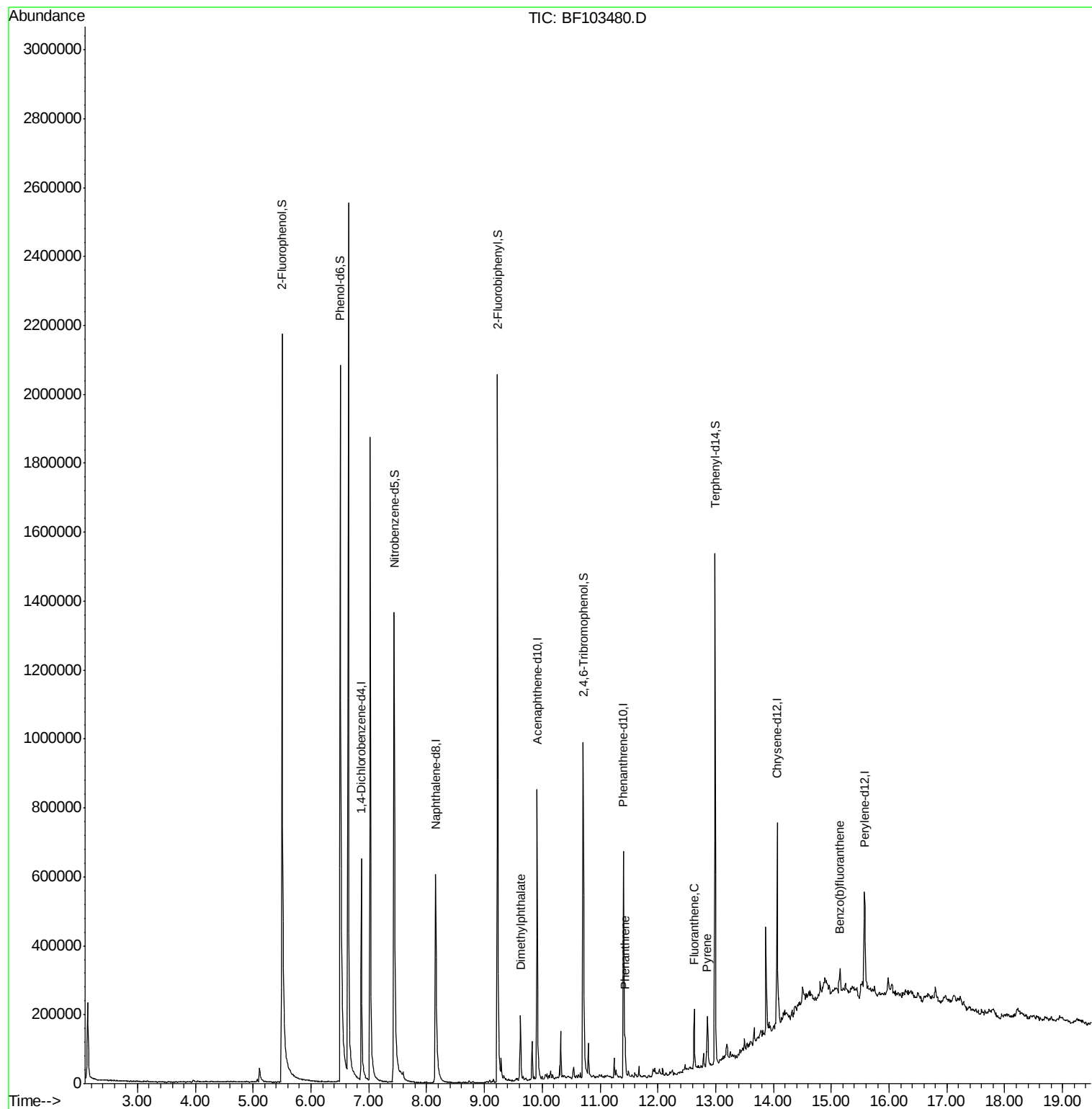
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103480.D
Acq On : 7 Mar 2018 2:20
Operator : SJ/JU
Sample : J1810-03
Misc :
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BNA_F
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Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:47 PM

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

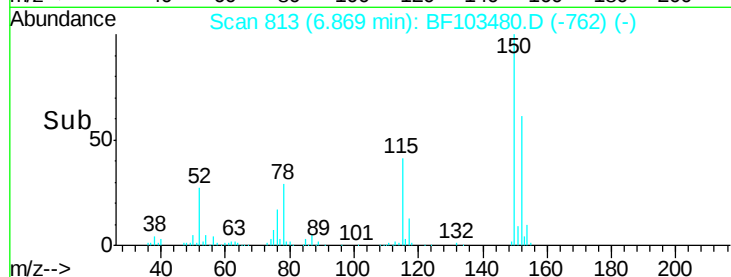
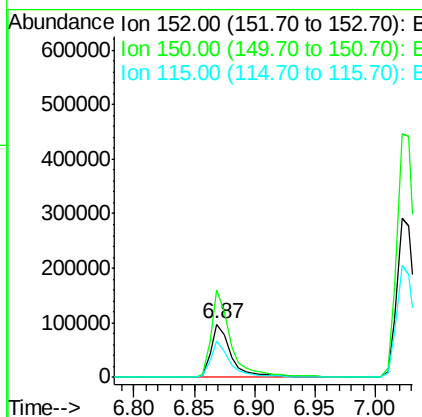
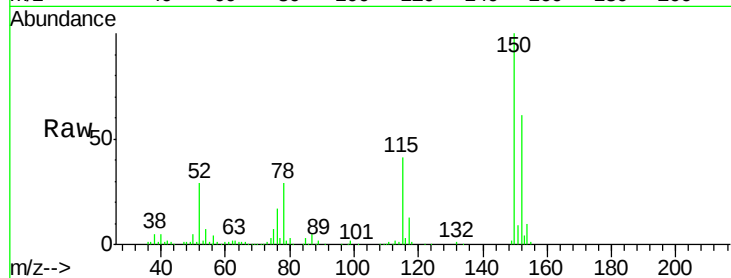
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103480.D
Acq: 7 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :
MHA-WCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	67.1	50.1	75.1

Manual Integrations
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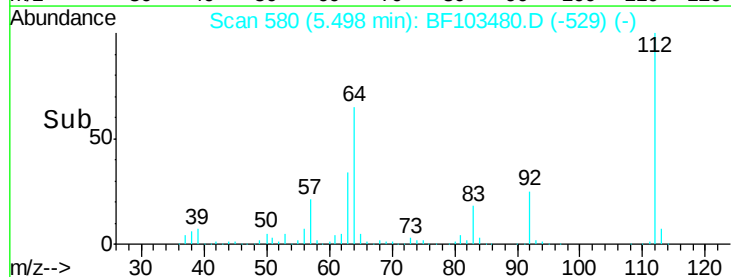
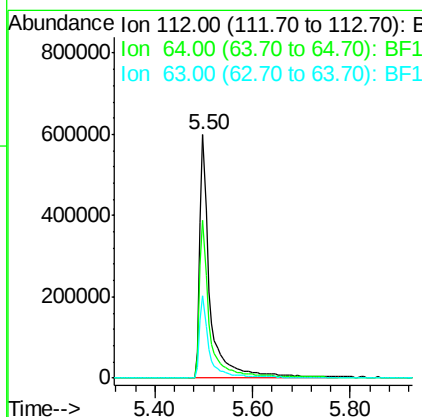
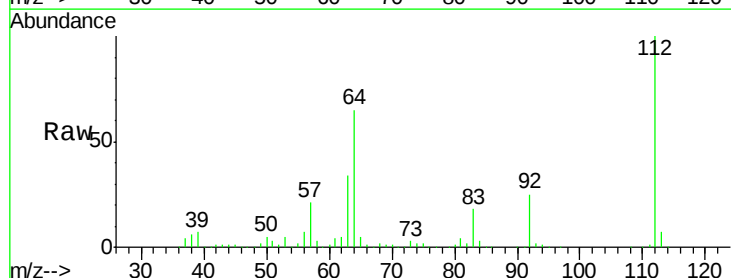
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#5

2-Fluorophenol
Concen: 117.172 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103480.D
Acq: 7 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	34.0	23.7	35.5





#7

Phenol-d6

Concen: 114.164 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Instrument :

BNA_F

ClientSampled :

MHA-WCD

Tot Ion: 99 Resp: 1054736

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

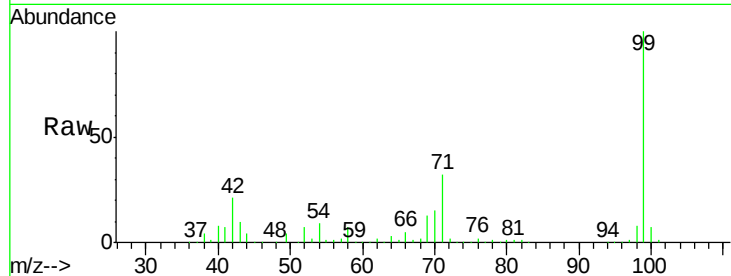
71 32.2 25.4 38.0

Manual Integrations

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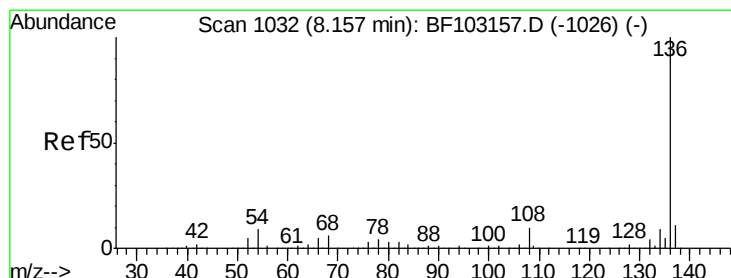
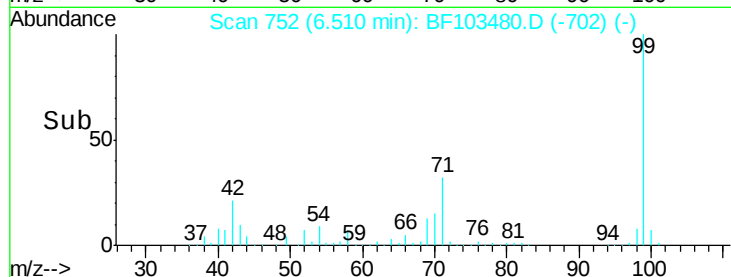
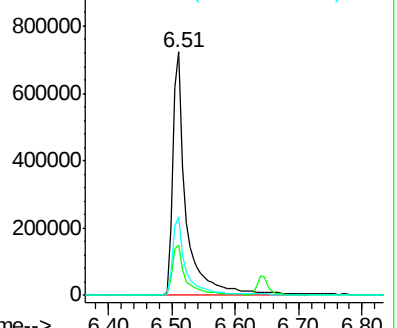
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Tgt Ion: 136 Resp: 473490

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

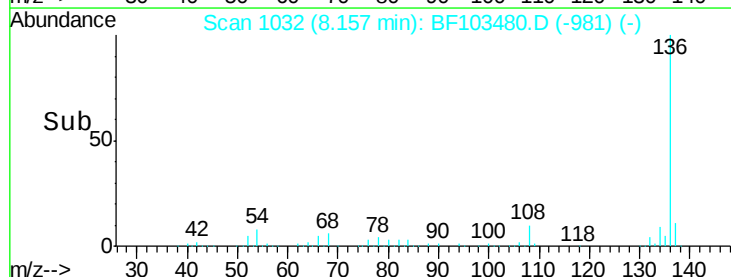
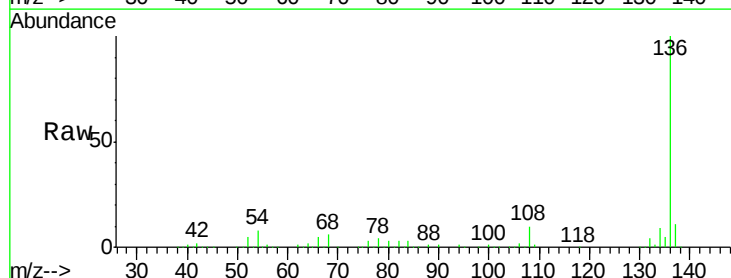
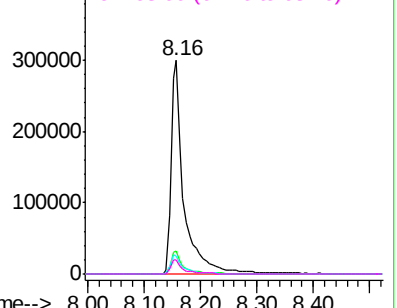
68 6.5 5.0 7.4

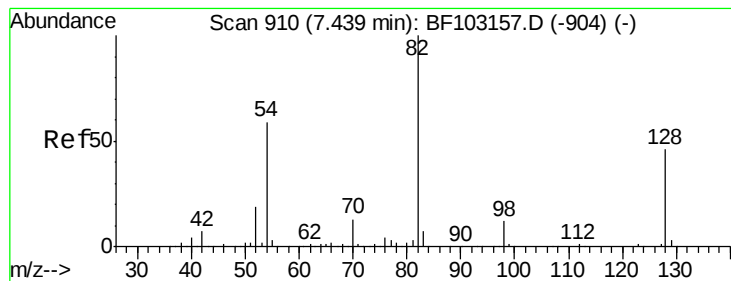
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.000 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Instrument :

BNA_F

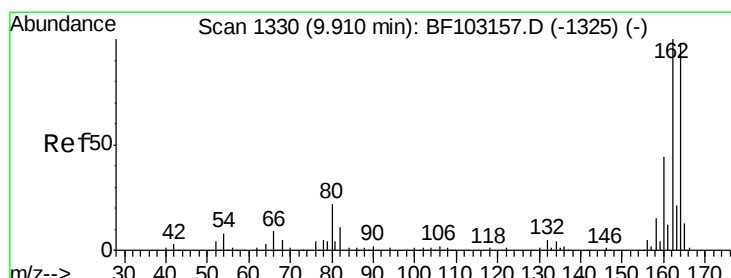
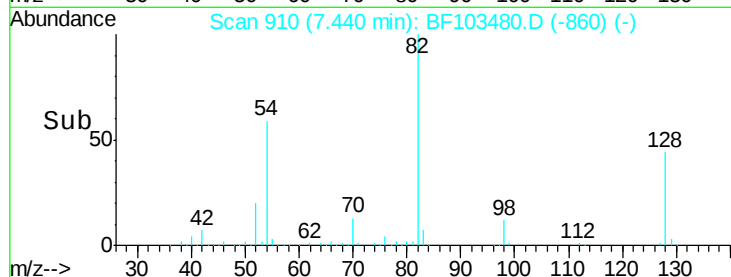
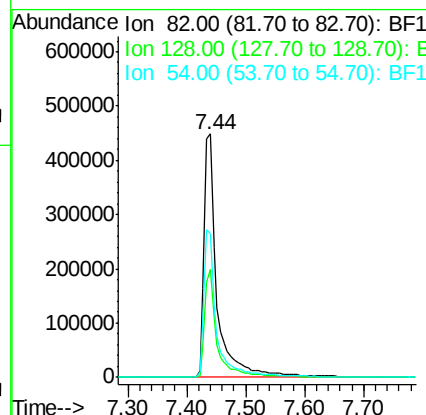
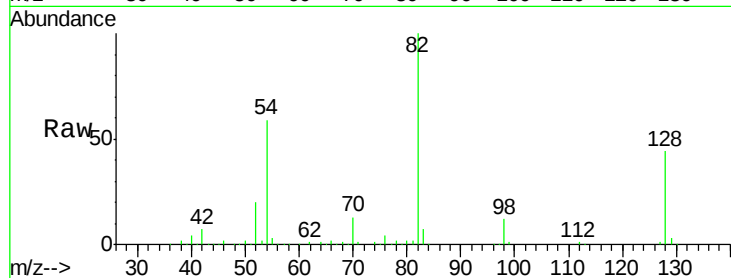
ClientSampled :

MHA-WCD

Tot Ion:	82	Resp:	679868
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	59.1	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

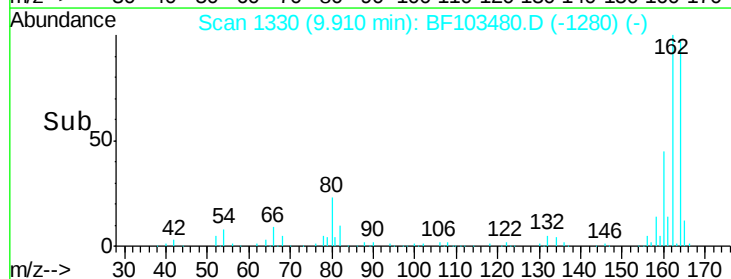
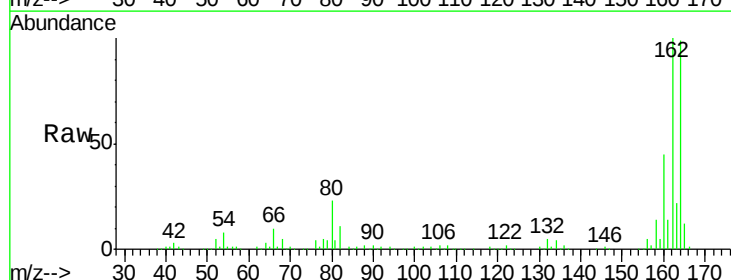
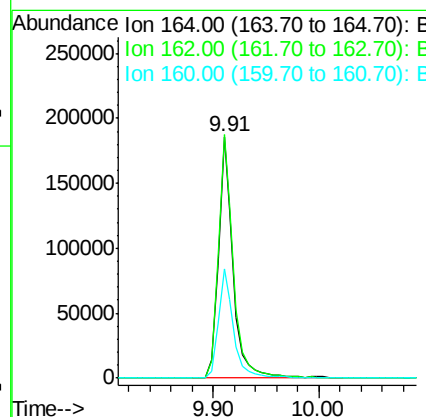
RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Tgt Ion:	164	Resp:	183040
Ion Ratio	Lower	Upper	
164	100		
162	100.9	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 79.754 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Instrument :

BNA_F

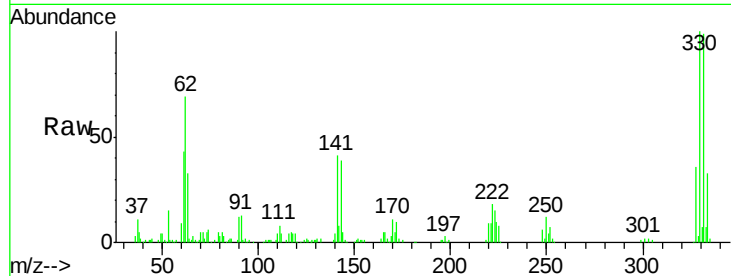
ClientSampled :

MHA-WCD

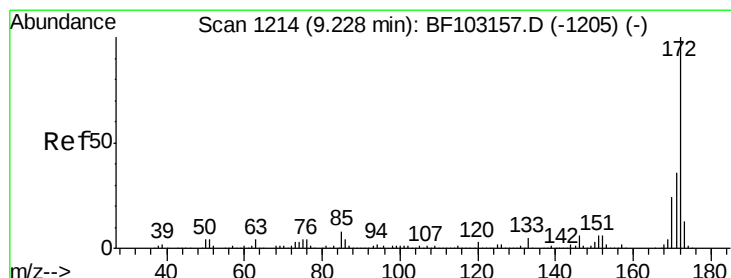
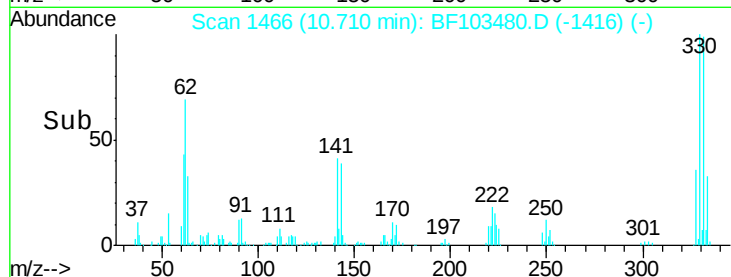
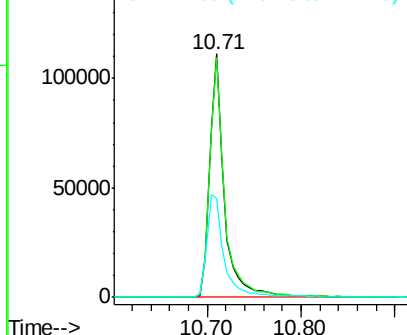
Tot Ion:	330	Resp:	123566
Ion Ratio	Lower	Upper	
330	100		
332	101.2	77.0	115.6
141	49.4	29.9	44.9#

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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: 70.396 ng

RT: 9.23 min Scan# 1214

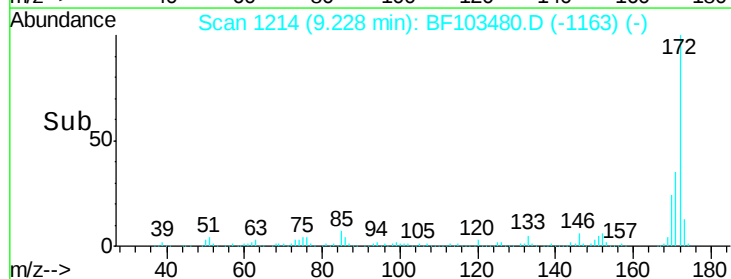
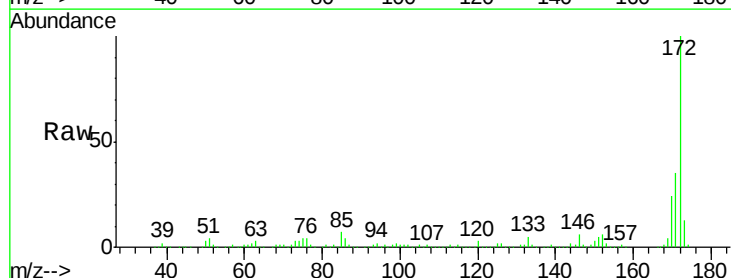
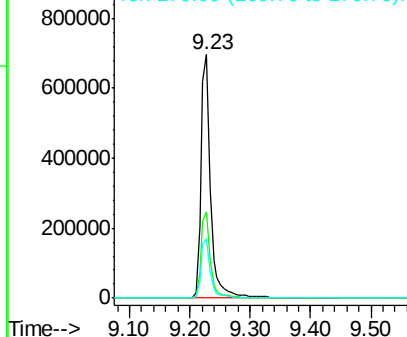
Delta R.T. 0.00 min

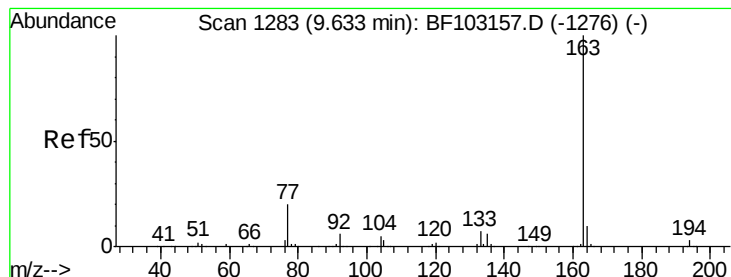
Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Tgt Ion:	172	Resp:	779575
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	24.2	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: 6.257 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Instrument :

BNA_F

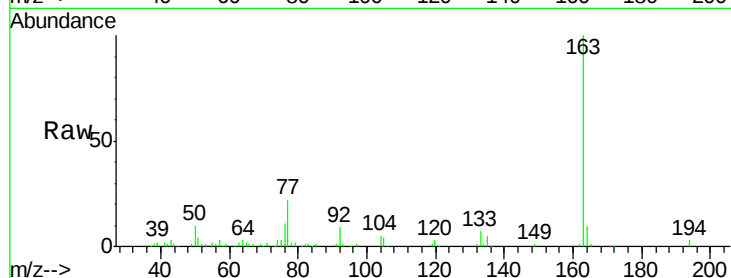
ClientSampleId :

MHA-WCD

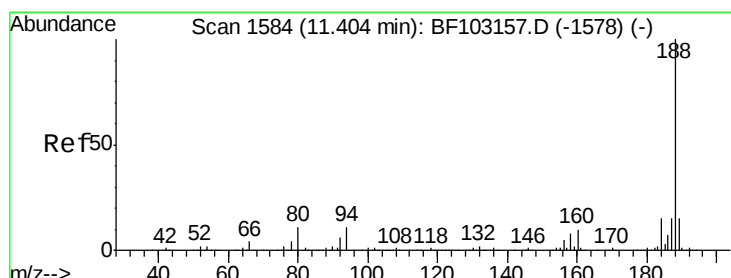
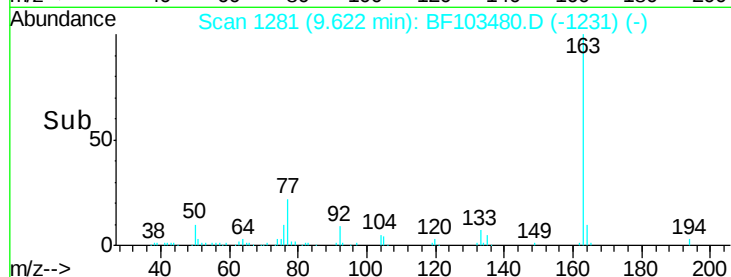
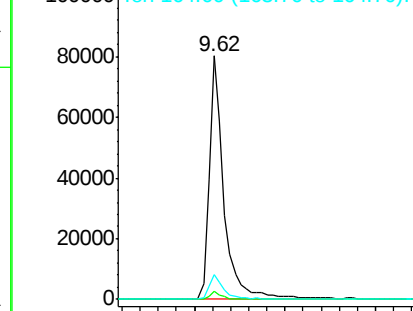
Tot Ion:	163	Resp:	91873
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.1	8.2	12.2

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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

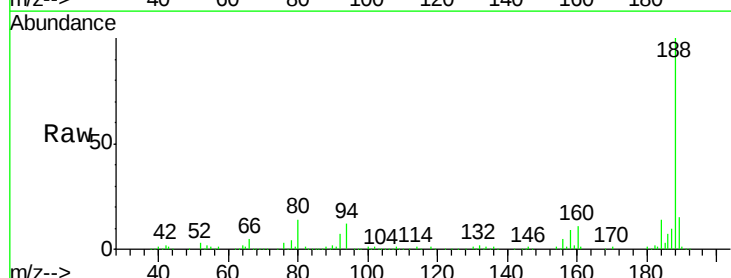
RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

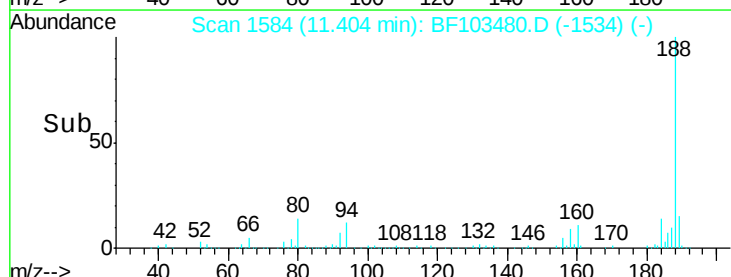
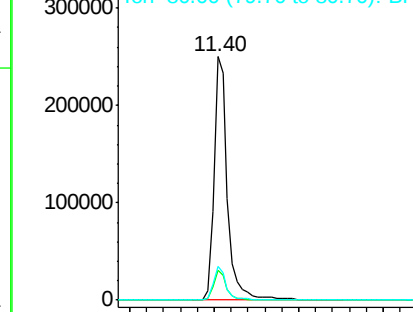
Lab File: BF103480.D

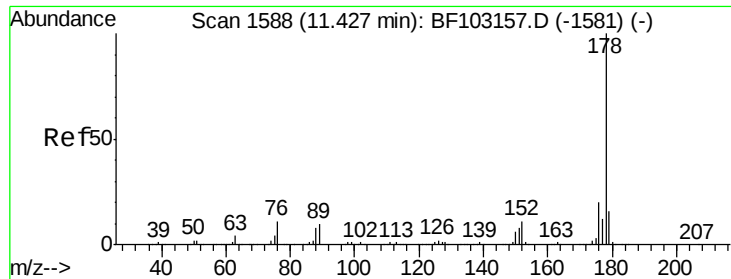
Acq: 7 Mar 2018 2:20

Tgt Ion:	188	Resp:	279140
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	13.7	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





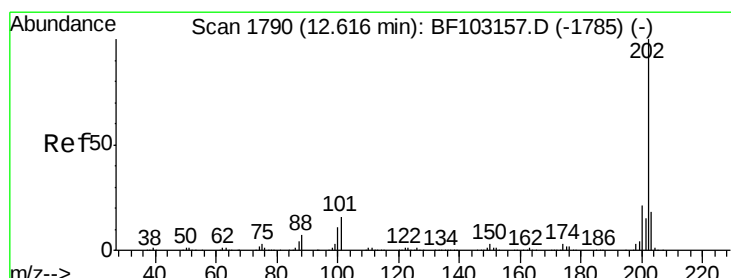
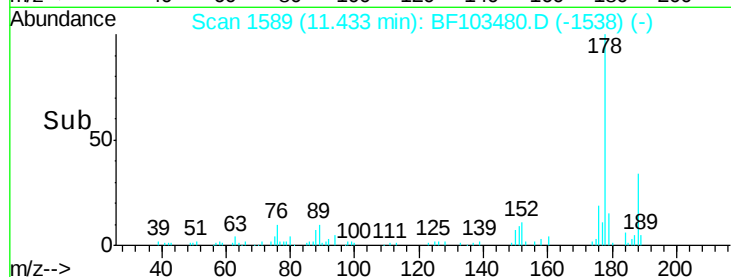
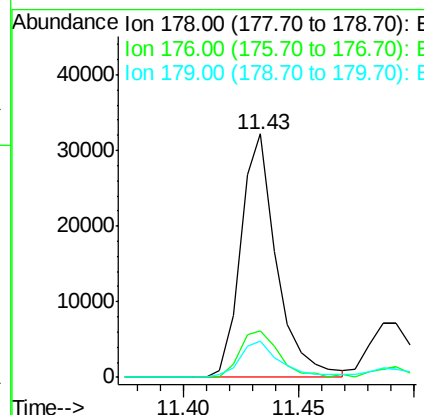
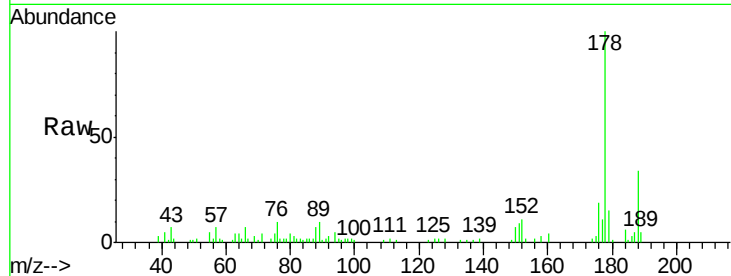
#70
Phenanthrene
Concen: 2.272 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103480.D
Acq: 7 Mar 2018 2:20

Instrument :
BNA_F
ClientSampleId :
MHA-WCD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.7	13.0	19.6

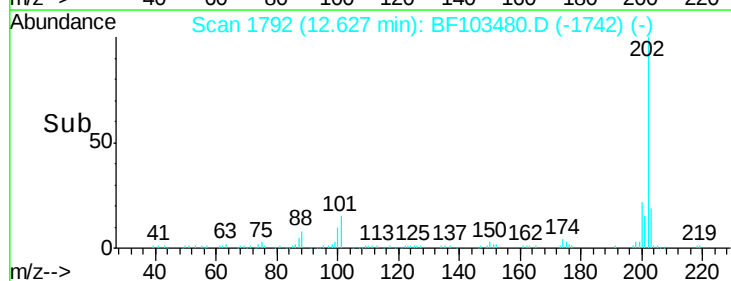
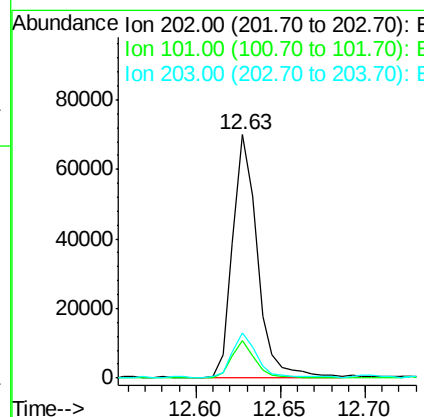
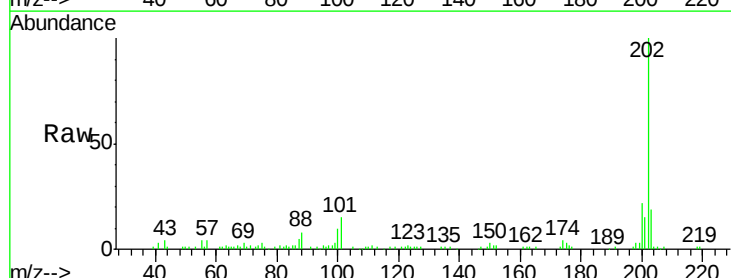
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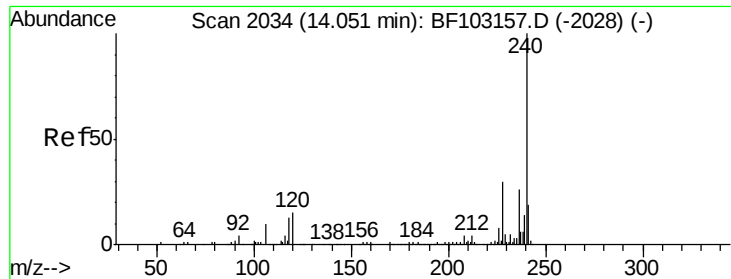
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#74
Fluoranthene
Concen: 4.641 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103480.D
Acq: 7 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Instrument :

BNA_F

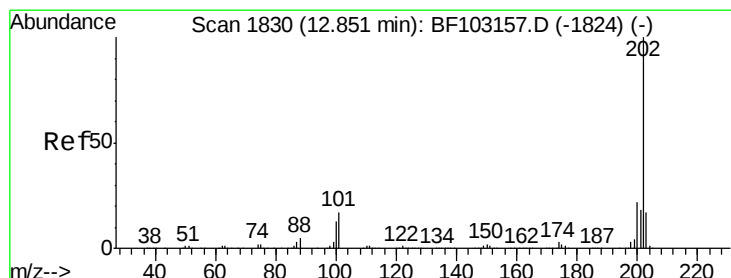
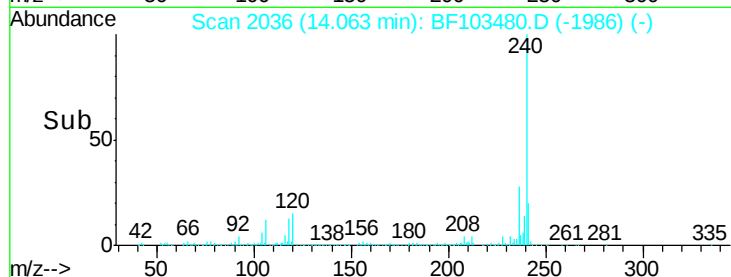
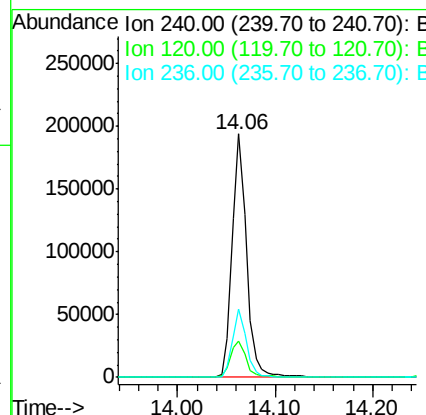
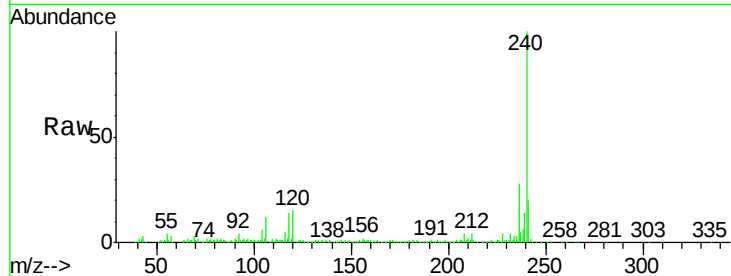
ClientSampled :

MHA-WCD

Tot Ion:	240	Resp:	200250
Ion Ratio	Lower	Upper	
240	100		
120	15.1	9.5	14.3#
236	28.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.276 ng

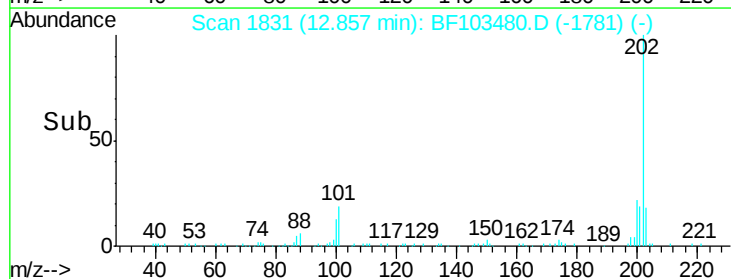
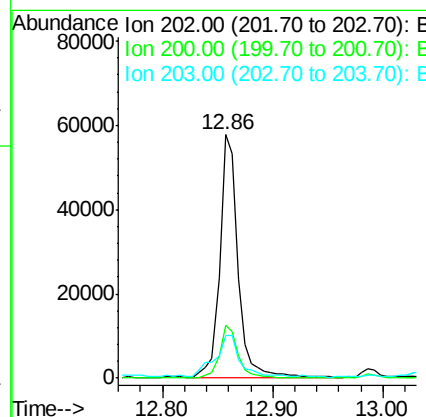
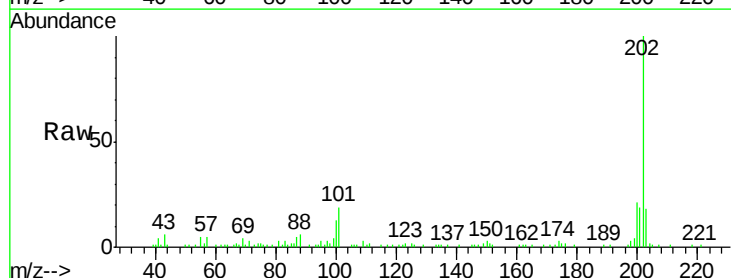
RT: 12.86 min Scan# 1831

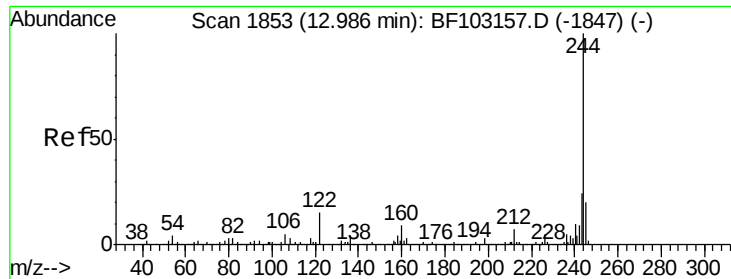
Delta R.T. -0.01 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Tgt Ion:	202	Resp:	66766
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5





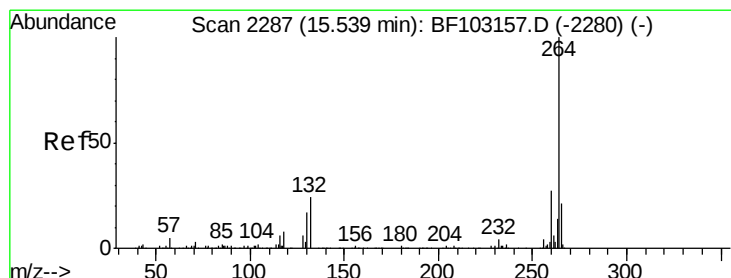
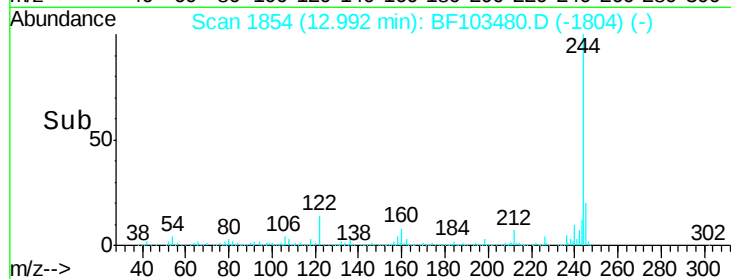
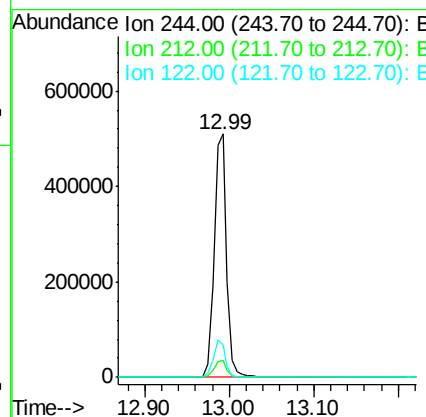
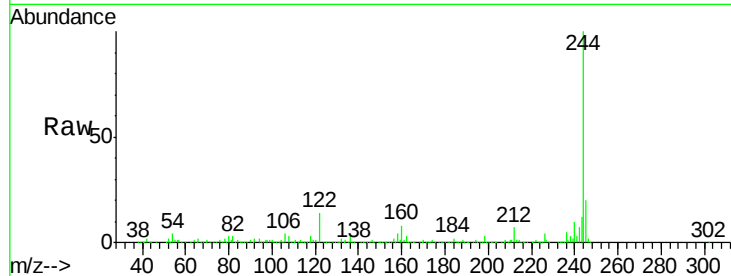
#78
 Terphenyl-d14
 Concen: 63.286 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103480.D
 Acq: 7 Mar 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 MHA-WCD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.5	11.0	16.4

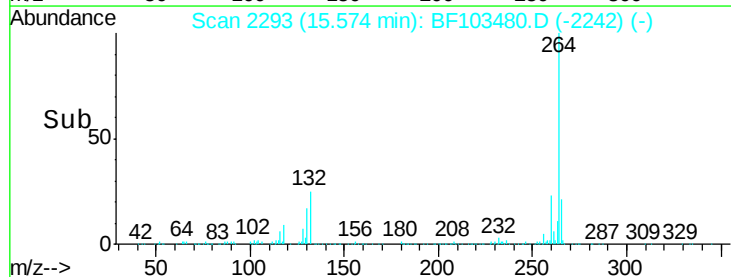
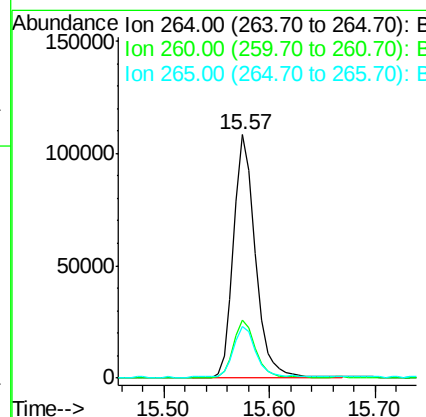
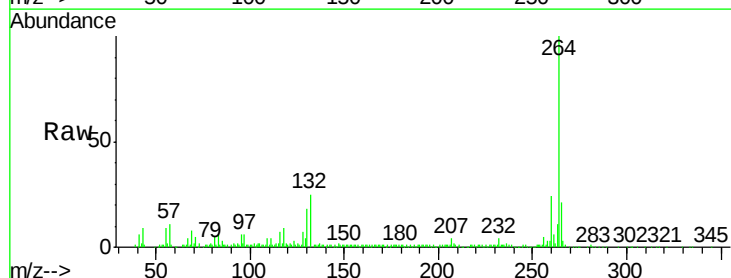
Manual Integrations
 APPROVED

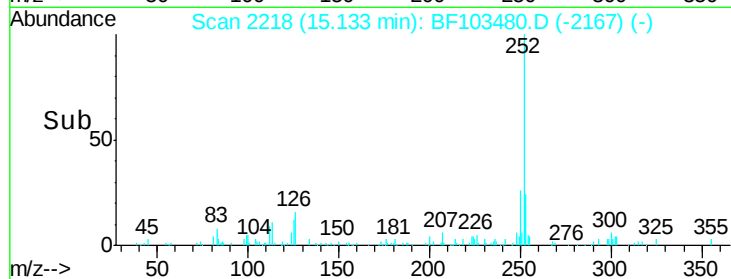
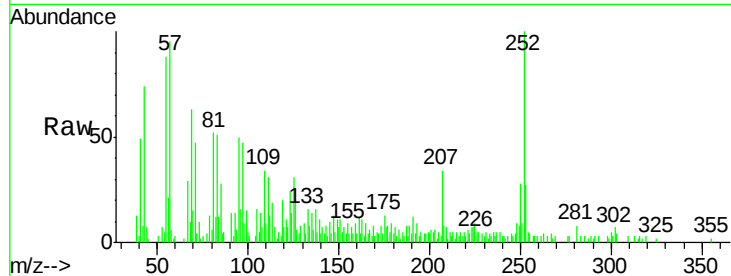
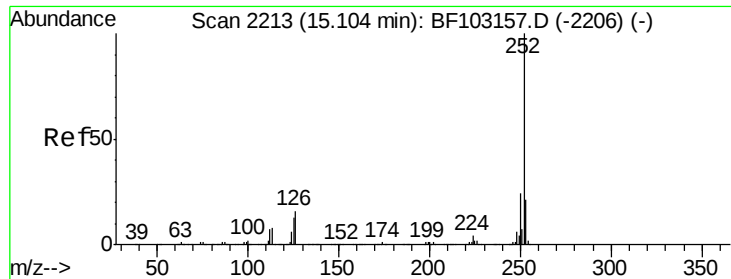
Sohil
 3/7/2018 12:17:47 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103480.D
 Acq: 7 Mar 2018 2:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.030 ng/ml

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF103480.D

Acq: 7 Mar 2018 2:20

Tot Ion:	252	Resp:	20817
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.0	25.6#
125	30.6	9.0	13.6#

Instrument :

BNA_F

ClientSampleId :

MHA-WCD

Manual Integrations
APPROVED

Sohil
3/7/2018 12:17:47 PM

