

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103578.D
 Acq On : 12 Mar 2018 13:33
 Operator : SJ/JU
 Sample : J1776-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-6FT

Manual Integrations
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 3/13/2018 4:12:53 PM

Quant Time: Mar 12 14:25:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147824	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	636296	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	262342	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	379814	20.00	ng	0.00
75) Chrysene-d12	14.06	240	224307	20.00	ng	0.00
86) Perylene-d12	15.57	264	214217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1007726	103.10	ng	0.00
7) Phenol-d6	6.50	99	1245095	104.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	796879	71.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	177468	79.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1133131	71.65	ng	0.00
78) Terphenyl-d14	12.98	244	707989	75.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	120631	5.732	ng	100
70) Phenanthrene	11.42	178	72994	3.492	ng	99
74) Fluoranthene	12.62	202	68171	3.246	ng	98
77) Pyrene	12.85	202	65048	3.720	ng	99

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

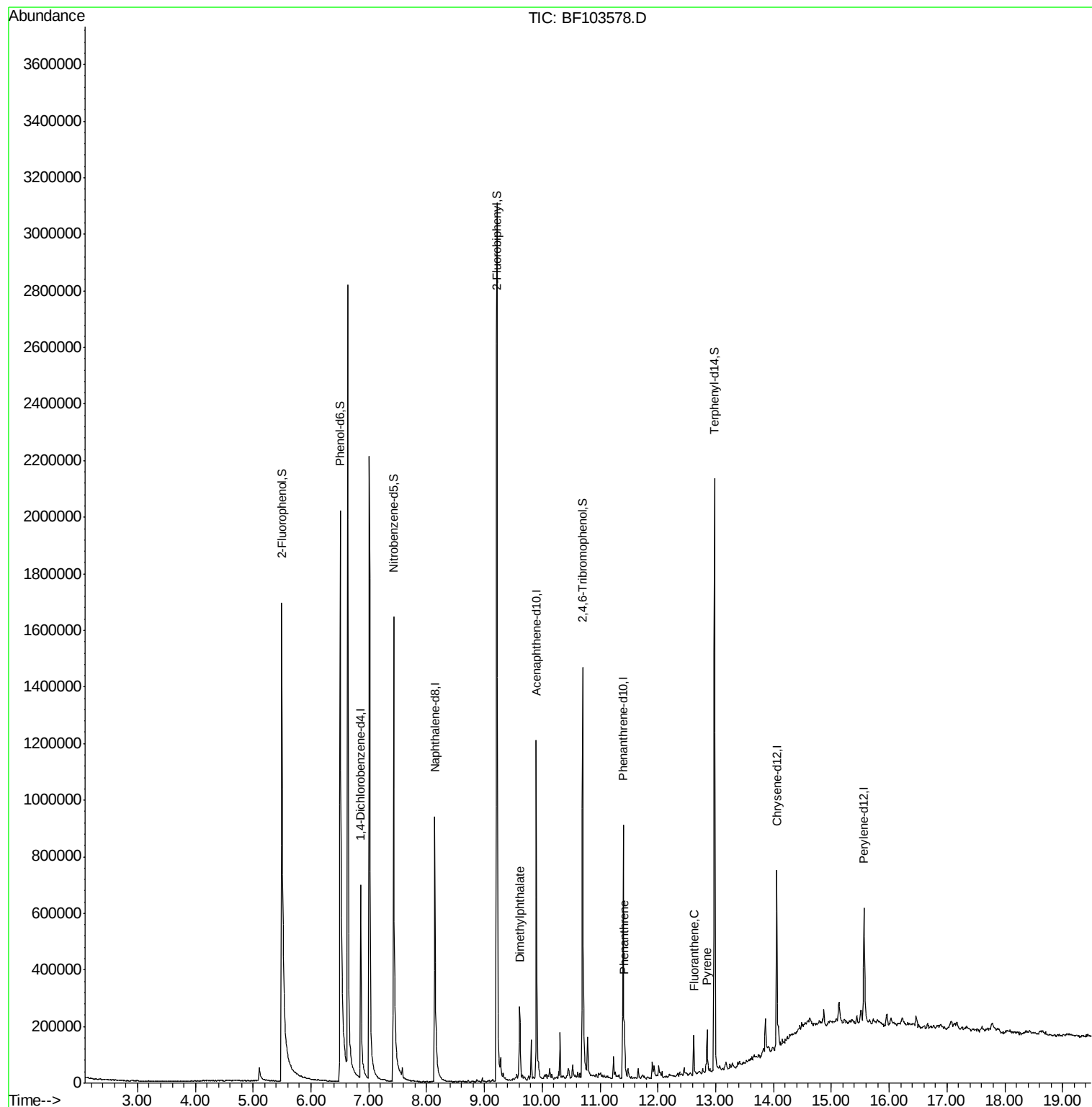
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
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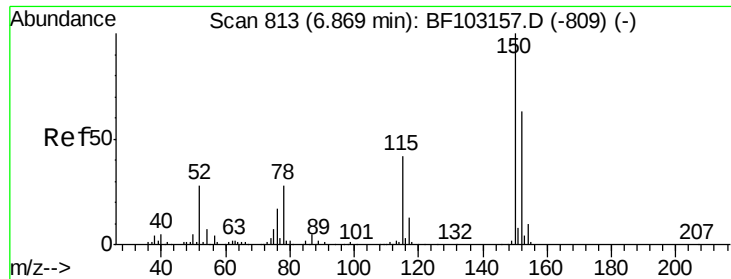
Instrument :
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#1

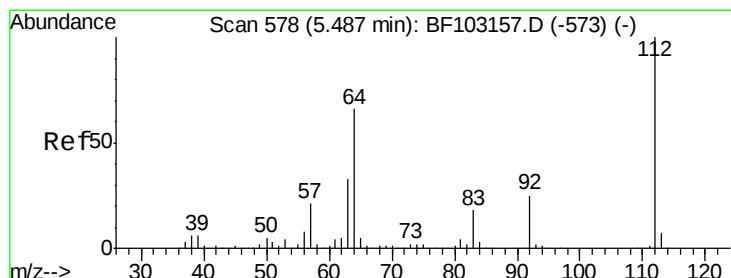
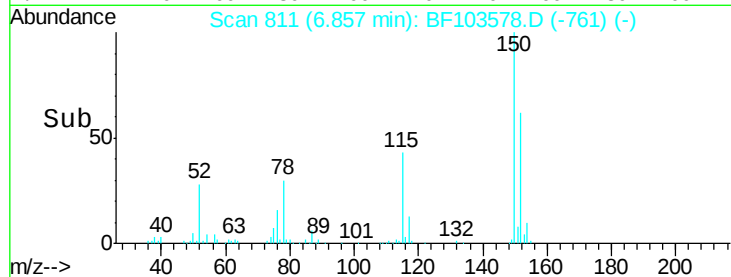
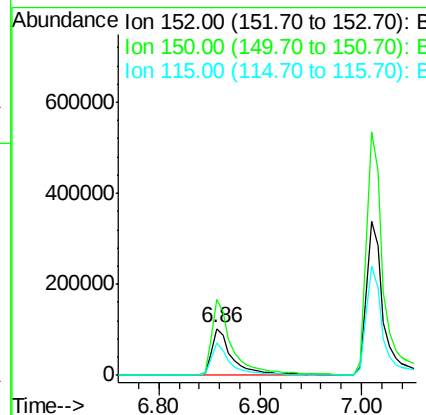
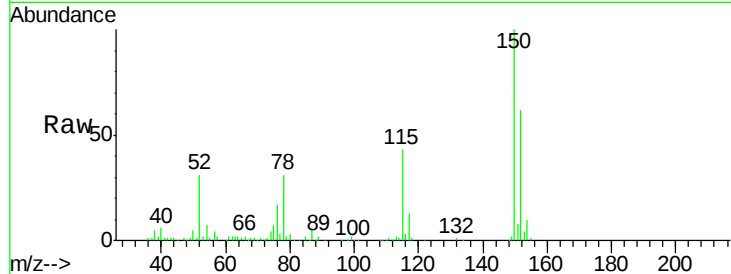
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	68.3	50.1	75.1

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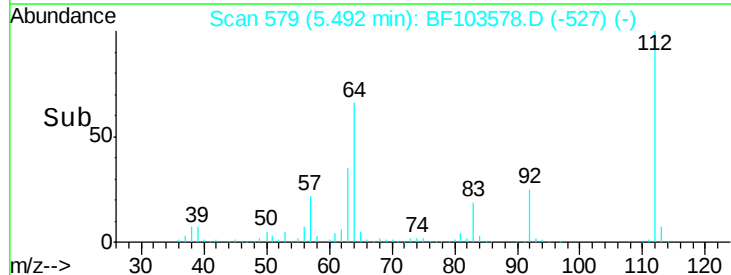
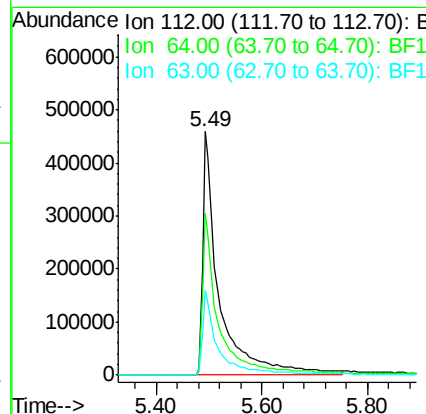
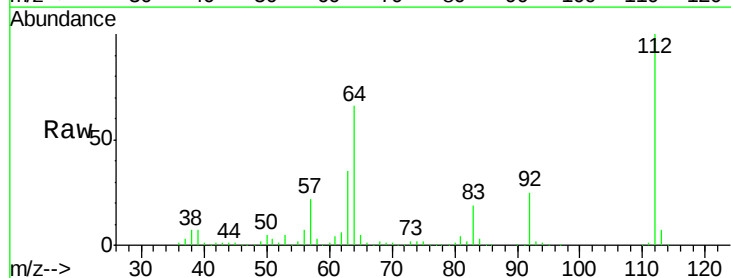
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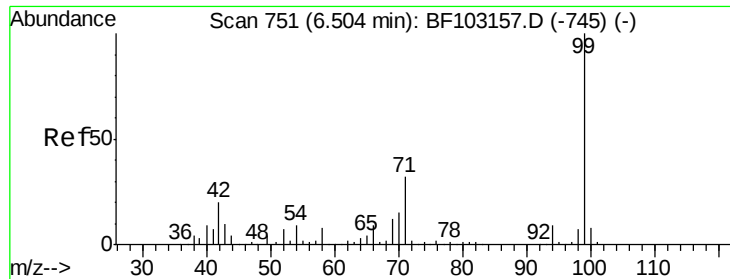


#5

2-Fluorophenol
Concen: 103.103 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.6	23.7	35.5





#7

Phenol-d6

Concen: 104.106 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

Instrument :

BNA_F

ClientSampleId :

TP-2-6FT

Tot Ion: 99 Resp: 1245095

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

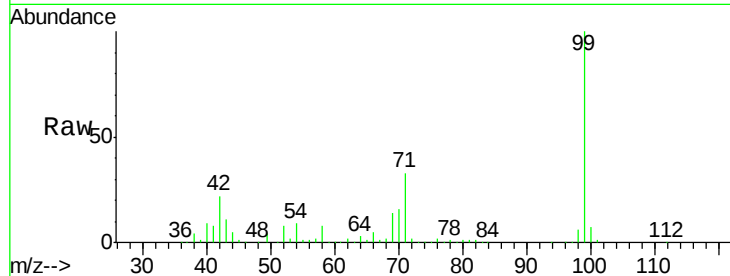
71 33.1 25.4 38.0

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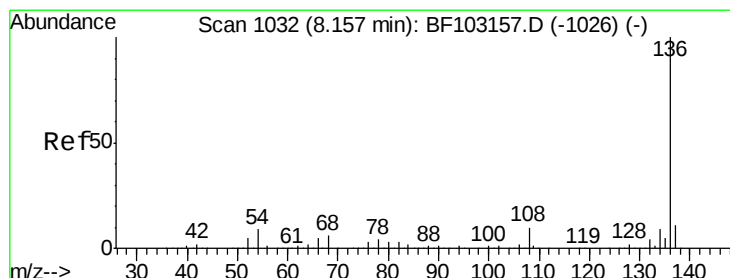
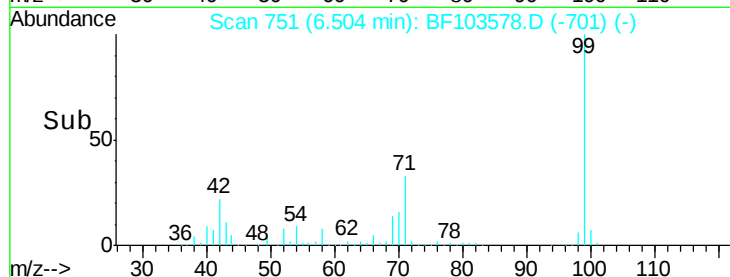
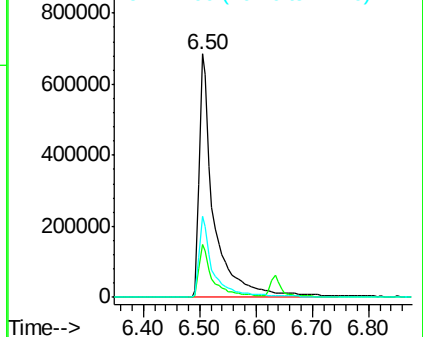
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

Tgt Ion: 136 Resp: 636296

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.8 6.6 9.8

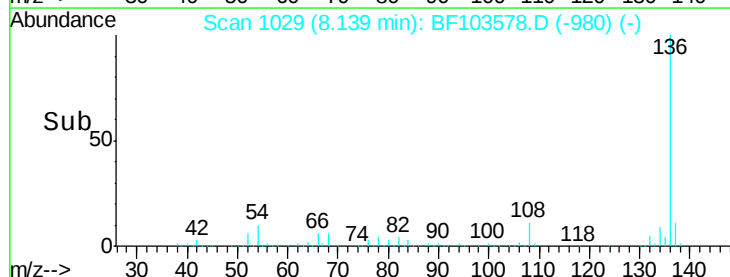
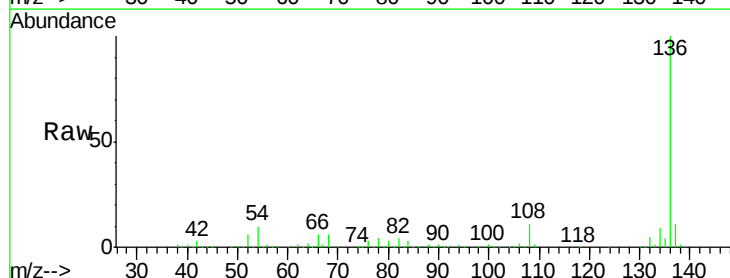
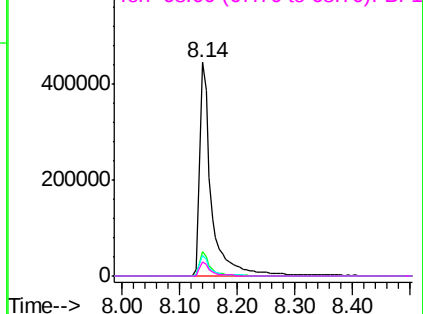
68 6.5 5.0 7.4

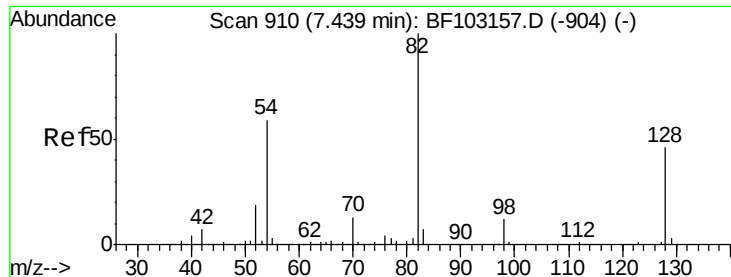
Abundance Ion 136.00 (135.70 to 136.70): E

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





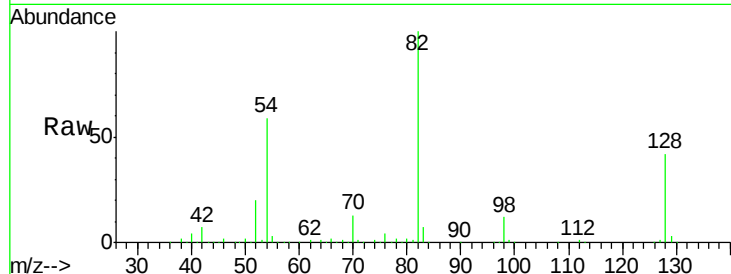
#23
Nitrobenzene-d5
Concen: 71.521 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampled :
TP-2-6FT

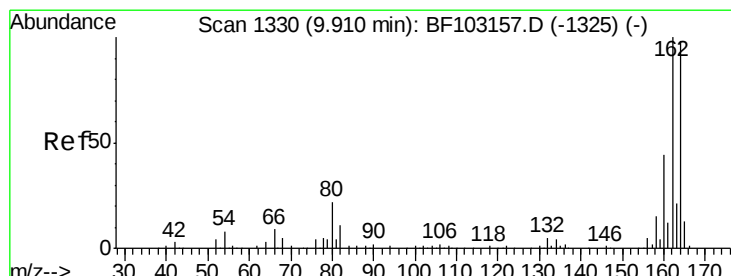
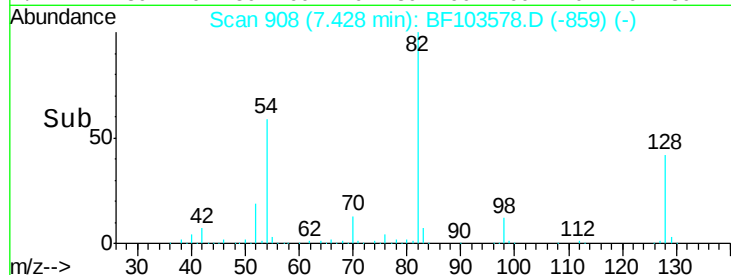
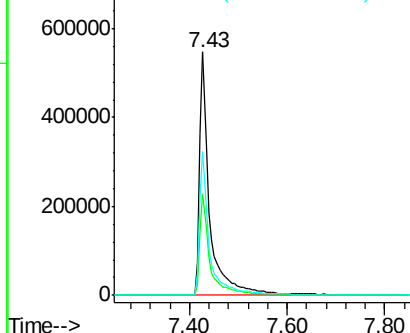
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	58.9	41.4	62.2

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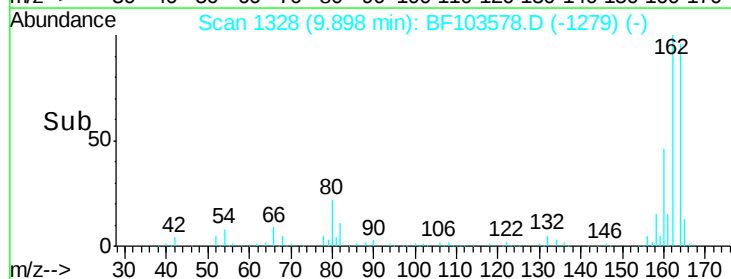
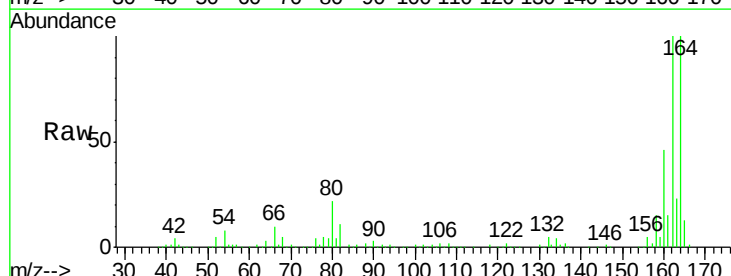
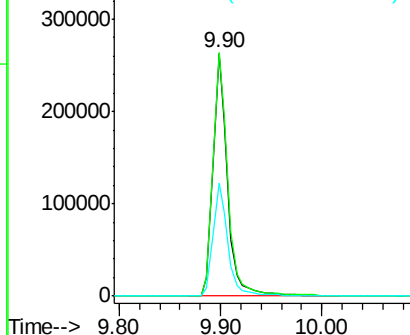
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

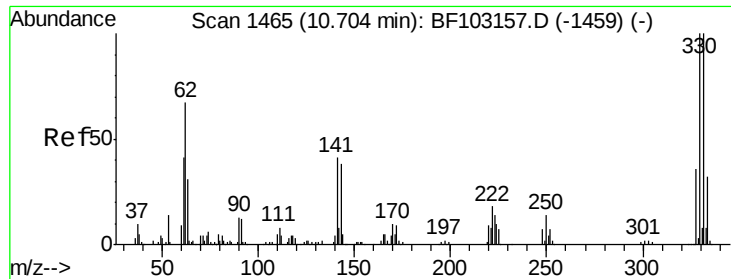


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





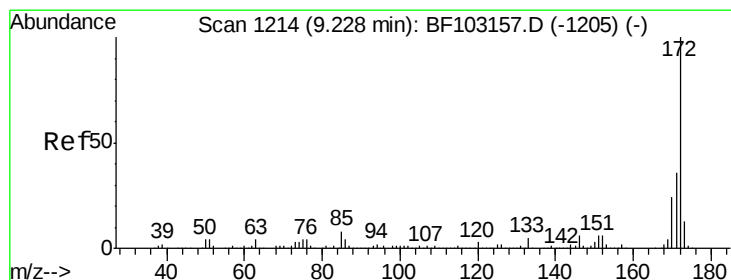
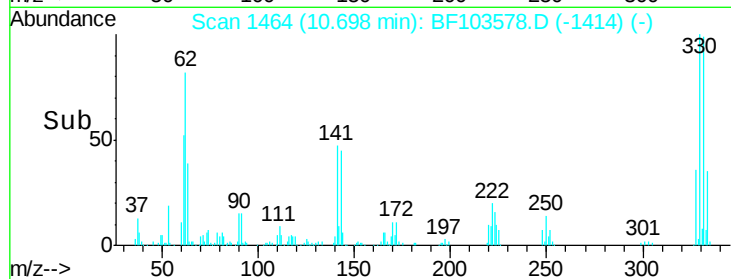
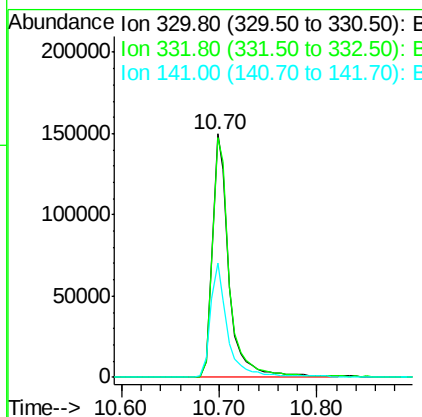
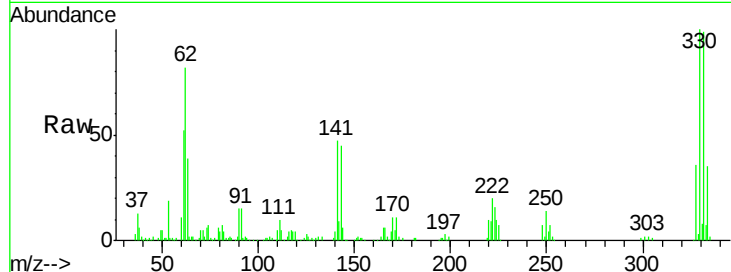
#41
 2,4,6-Tribromophenol
 Concen: 79.920 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103578.D
 Acq: 12 Mar 2018 13:33

Instrument :
 BNA_F
 ClientSampled :
 TP-2-6FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	47.4	29.9	44.9

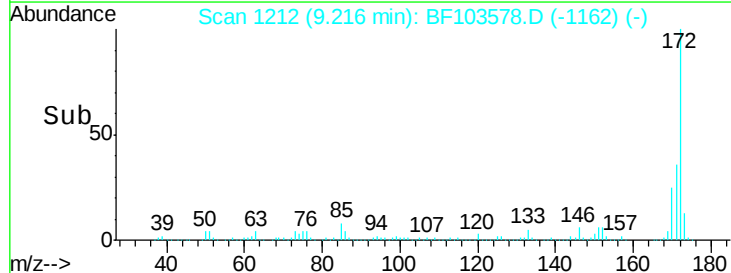
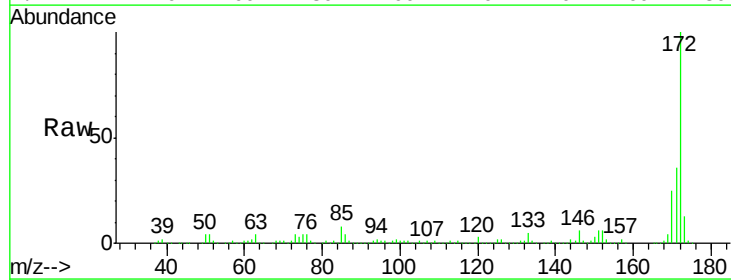
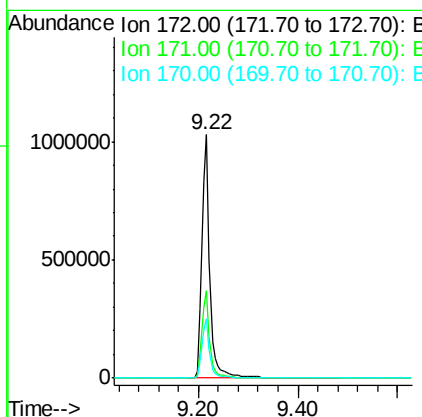
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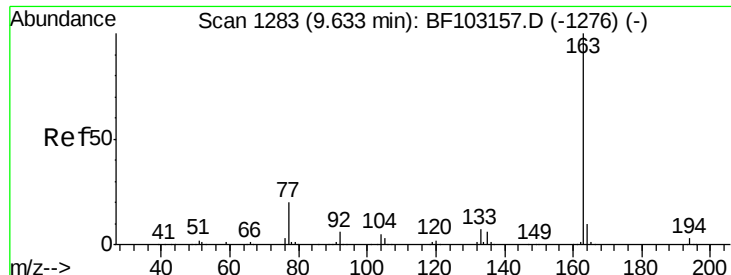
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#44
 2-Fluorobiphenyl
 Concen: 71.648 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103578.D
 Acq: 12 Mar 2018 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.6	19.6	29.4





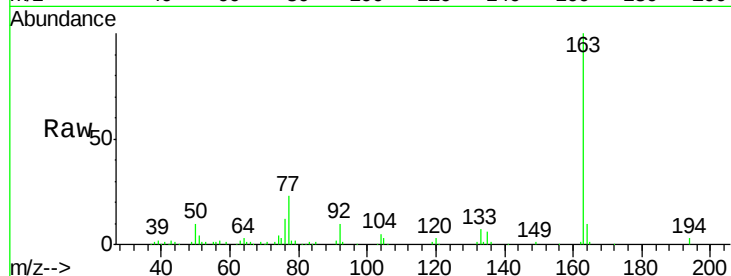
#49
Dimethylphthalate
Concen: 5.732 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampled :
TP-2-6FT

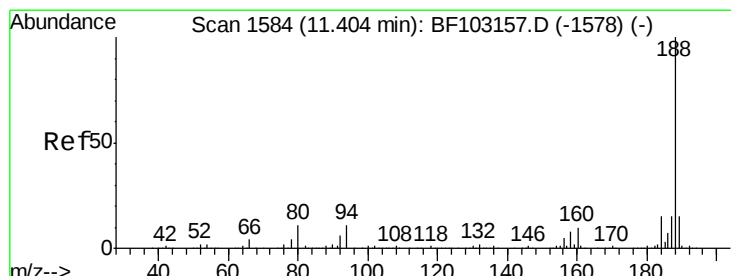
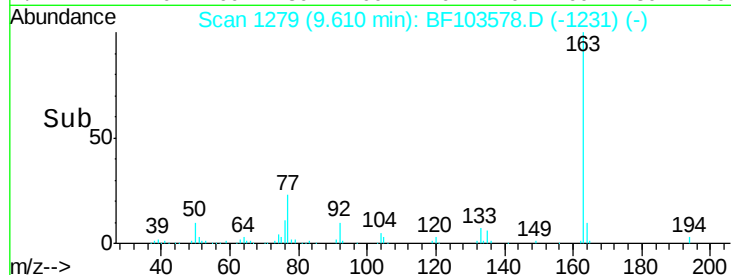
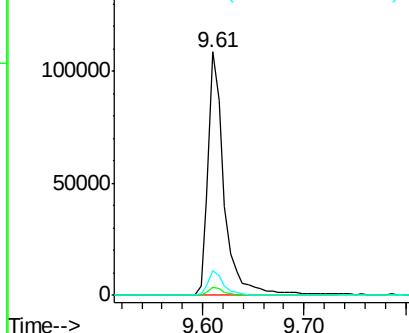
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.1		2.7	4.1	
164	10.1		8.2	12.2	

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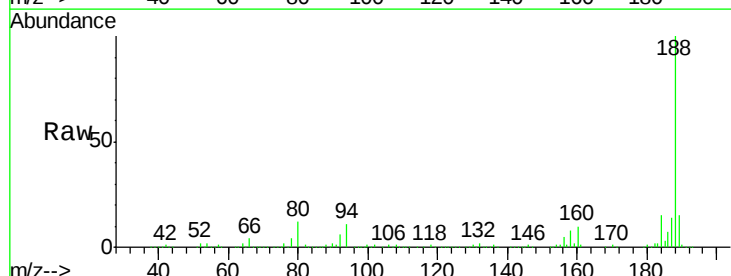


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

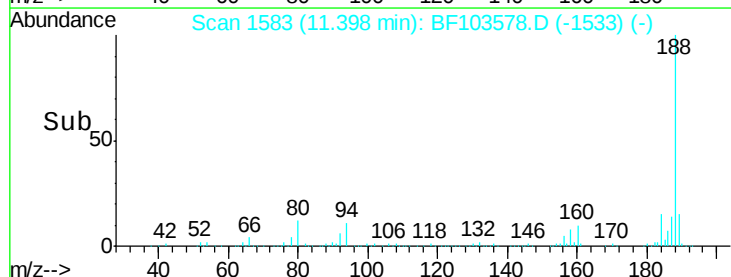
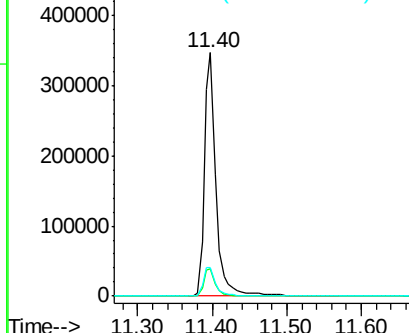


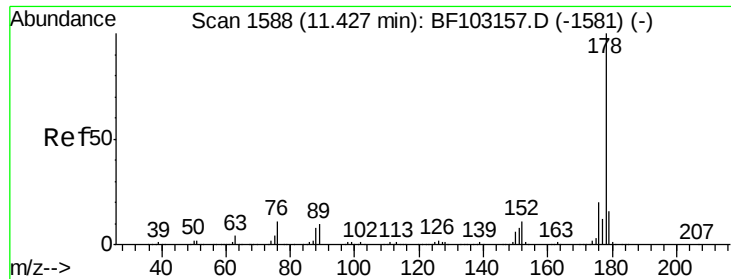
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1		8.5	12.7	
80	11.8		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: 3.492 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

Instrument :

BNA_F

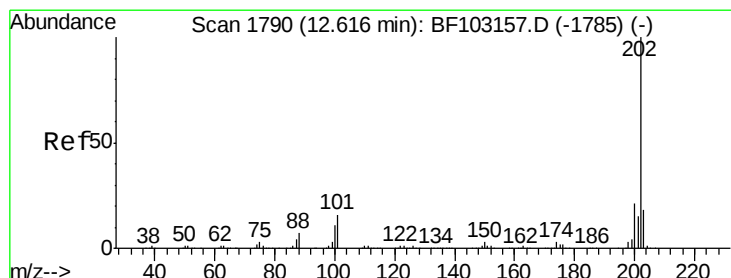
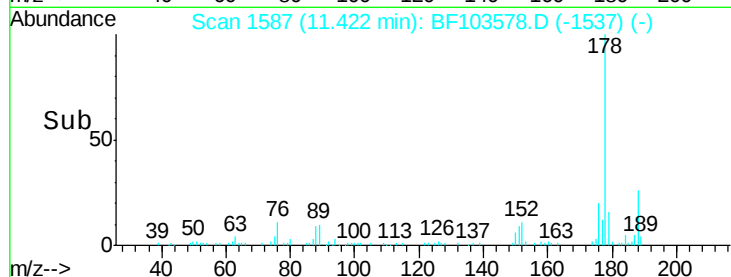
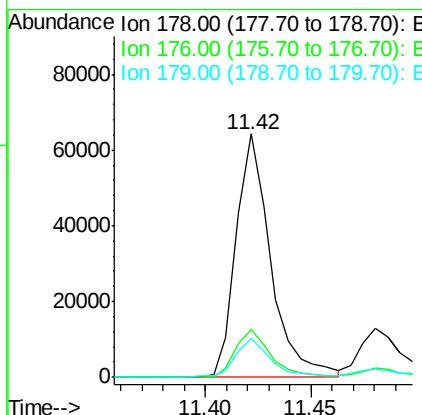
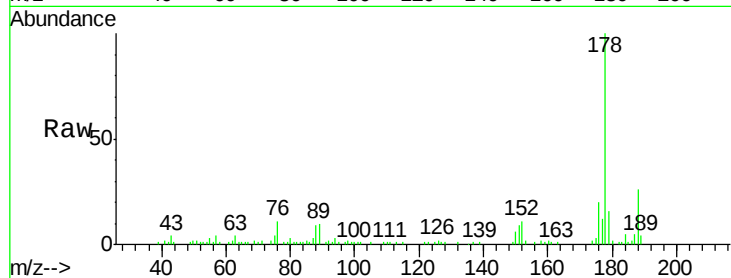
ClientSampleId :

TP-2-6FT

Tot Ion:	178	Resp:	72994
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	16.1	13.0	19.6

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#74

Fluoranthene

Concen: 3.246 ng

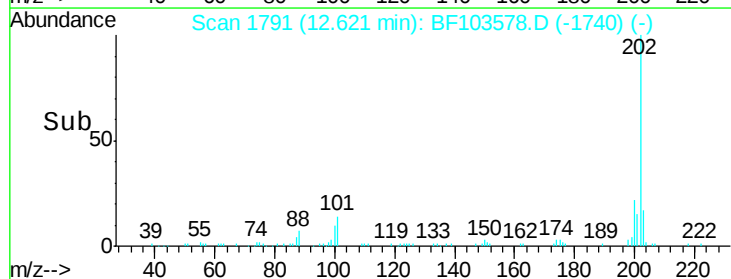
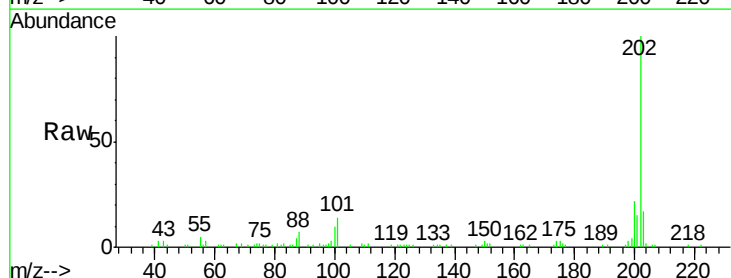
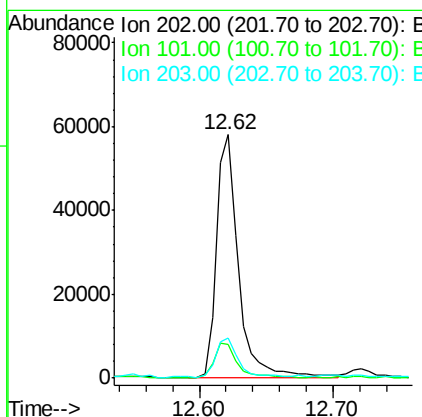
RT: 12.62 min Scan# 1791

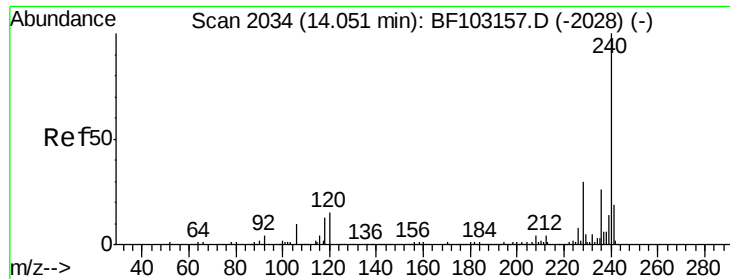
Delta R.T. 0.00 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

Tgt Ion:	202	Resp:	68171
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

Instrument :

BNA_F

ClientSampleId :

TP-2-6FT

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
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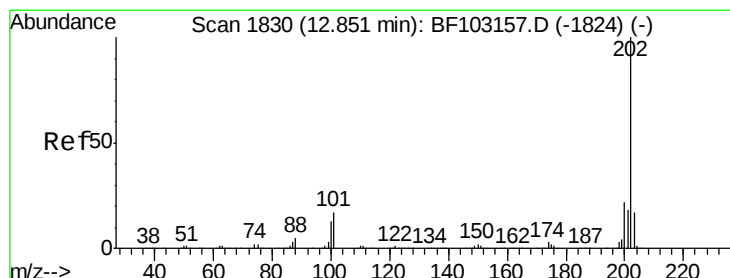
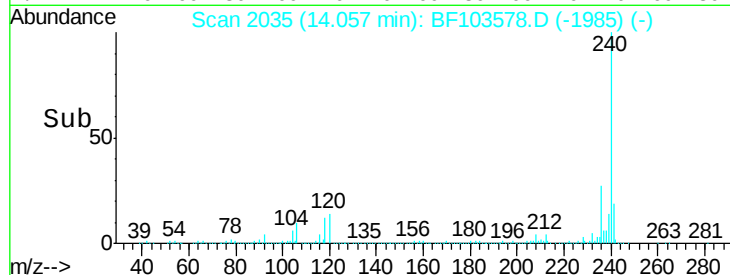
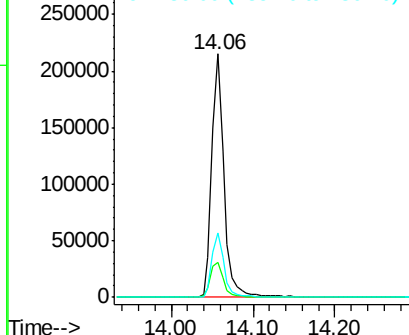


Abundance

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: 3.720 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103578.D

Acq: 12 Mar 2018 13:33

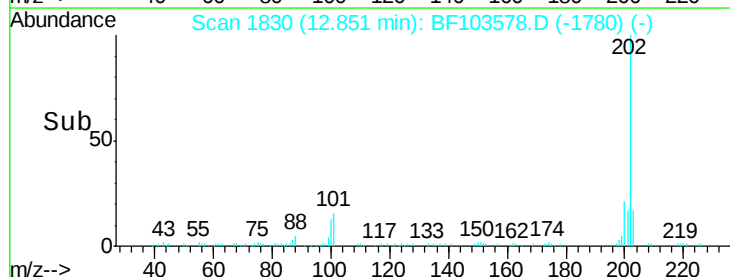
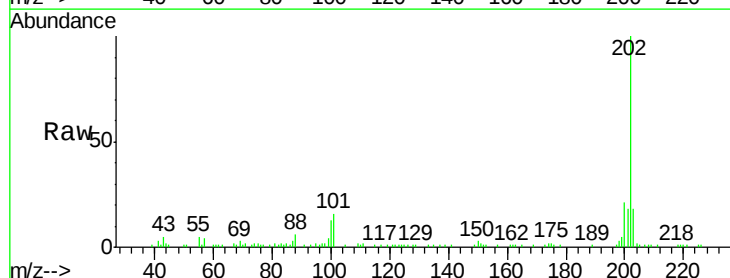
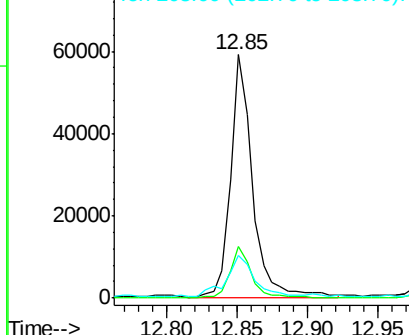
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

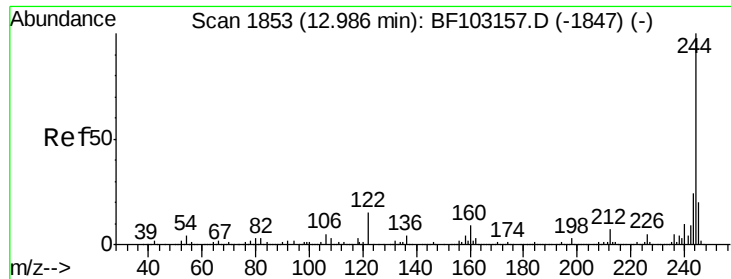
Abundance

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





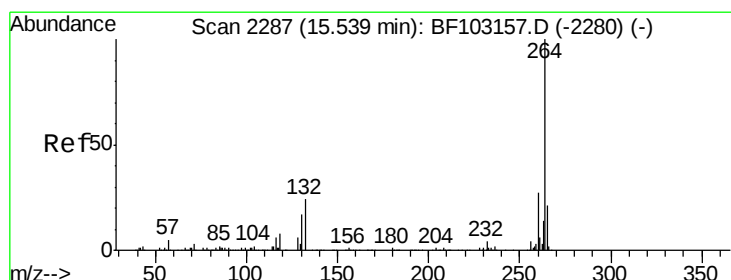
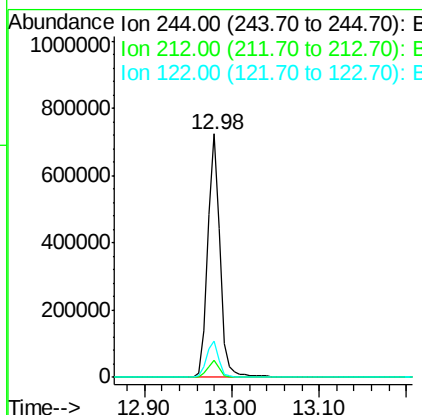
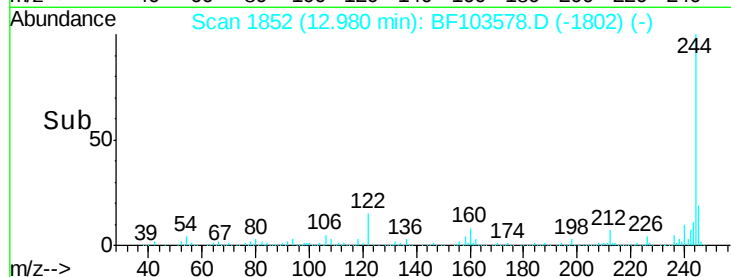
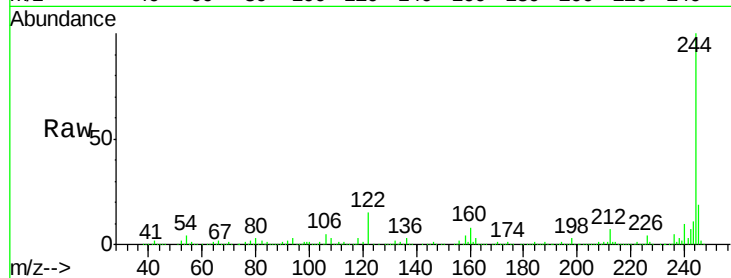
#78
 Terphenyl-d14
 Concen: 75.874 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103578.D
 Acq: 12 Mar 2018 13:33

Instrument :
 BNA_F
 ClientSampled :
 TP-2-6FT

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.0	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:12:53 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103578.D
 Acq: 12 Mar 2018 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.5	26.3

