

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103875.D
 Acq On : 23 Mar 2018 13:01
 Operator : JU/SJ
 Sample : J1998-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101(14-15)

Manual Integrations
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Quant Time: Mar 23 14:21:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144293	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	564765	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	236890	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	355722	20.00	ng	0.00
75) Chrysene-d12	14.17	240	288844	20.00	ng	0.00
86) Perylene-d12	15.72	264	274567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	797822	84.10	ng	0.00
7) Phenol-d6	6.60	99	977597	84.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	562414	69.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	194224	95.36	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	859370	57.87	ng	0.00
78) Terphenyl-d14	13.09	244	595985	47.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	108380	5.997	ng	99
70) Phenanthrene	11.53	178	109087	5.606	ng	98
74) Fluoranthene	12.73	202	118514	5.912	ng	97
77) Pyrene	12.96	202	124834	5.885	ng	97
80) Benzo(a)anthracene	14.16	228	54400	2.975	ng	# 88
82) Chrysene	14.19	228	58082	3.332	ng	96
87) Benzo(b)fluoranthene	15.25	252	58281m	3.360	ng	
89) Benzo(a)pyrene	15.64	252	46732	2.970	ng	# 75

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

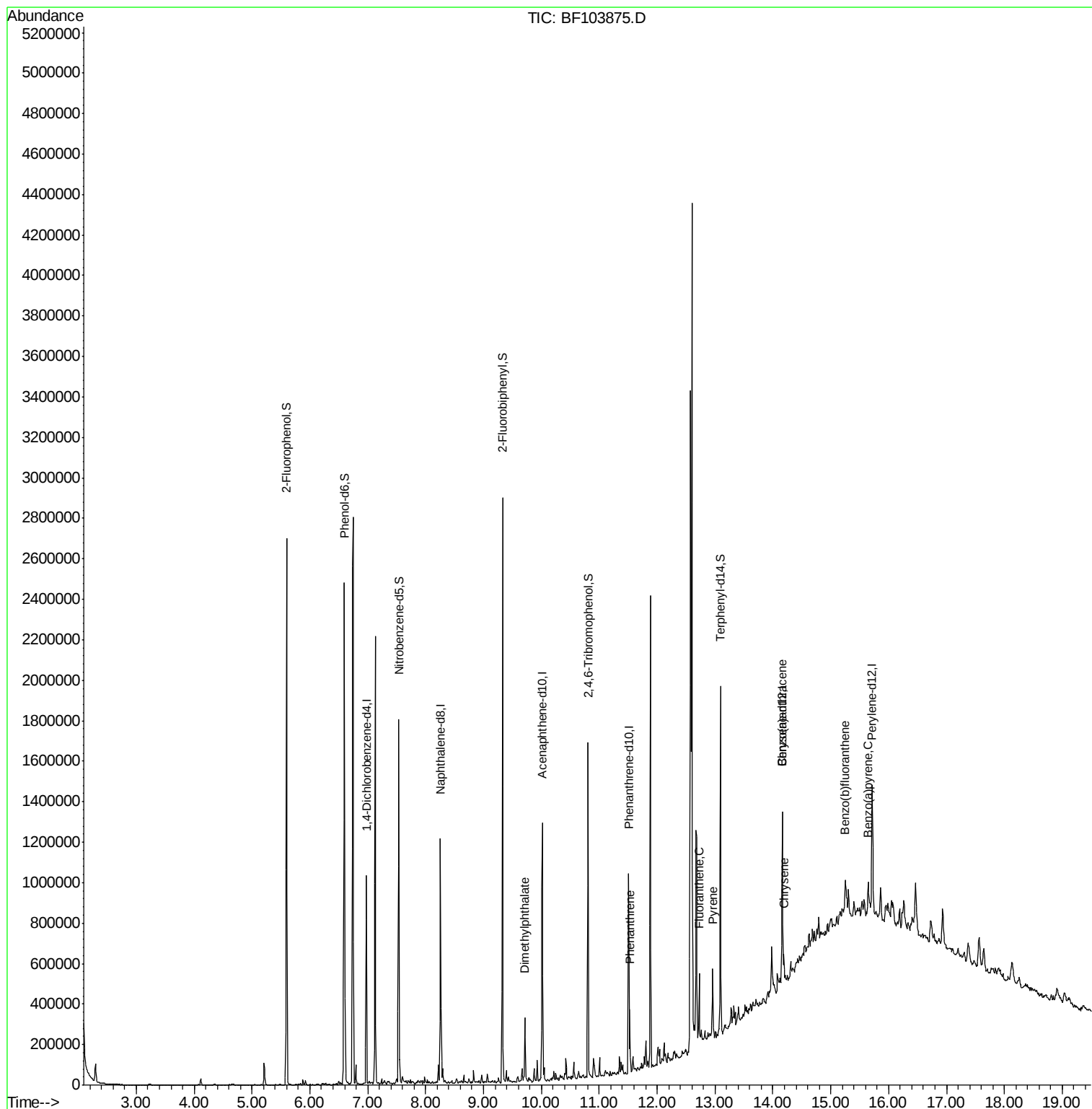
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103875.D
Acq On : 23 Mar 2018 13:01
Operator : JU/SJ
Sample : J1998-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

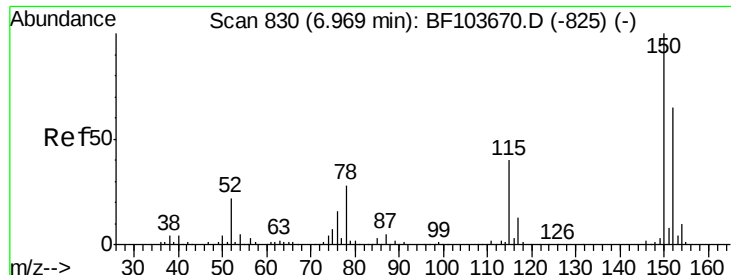
Instrument :
BNA_F
ClientSampleId :
MW-101(14-15)

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Quant Time: Mar 23 14:21:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration





#1

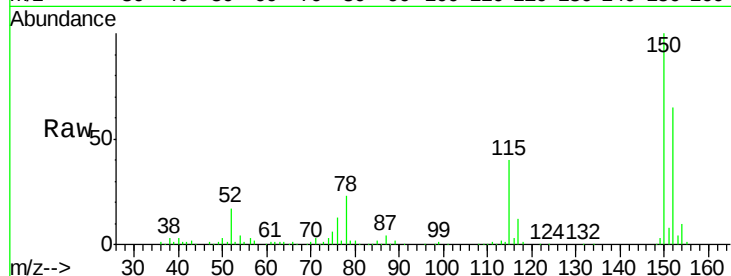
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Instrument :
BNA_F
ClientSampleId :
MW-101(14-15)

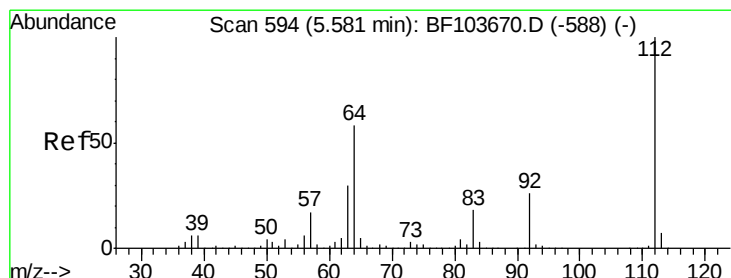
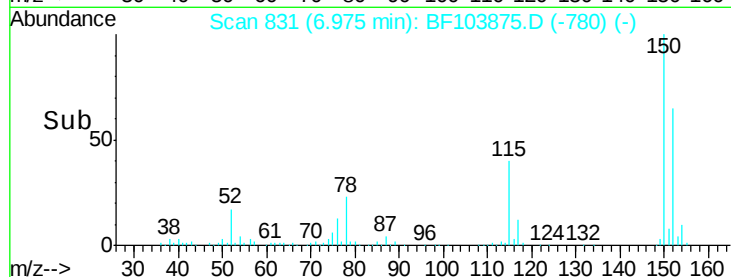
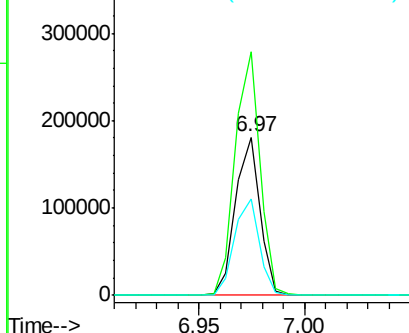
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	61.0	50.1	75.1

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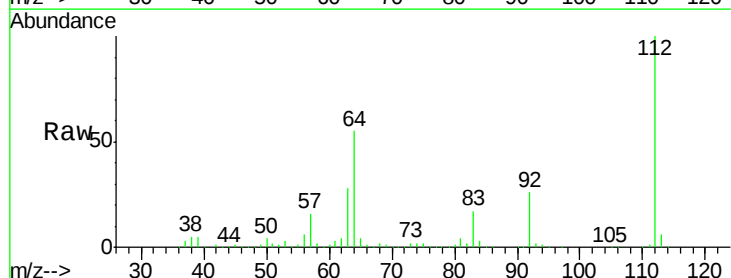
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



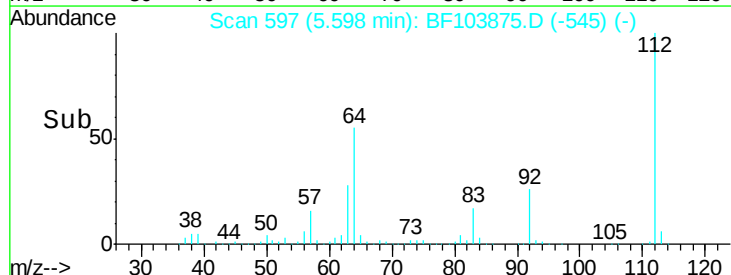
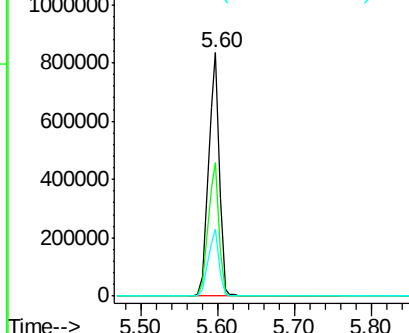
#5

2-Fluorophenol
Concen: 84.099 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.6	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: 84.229 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Instrument :

BNA_F

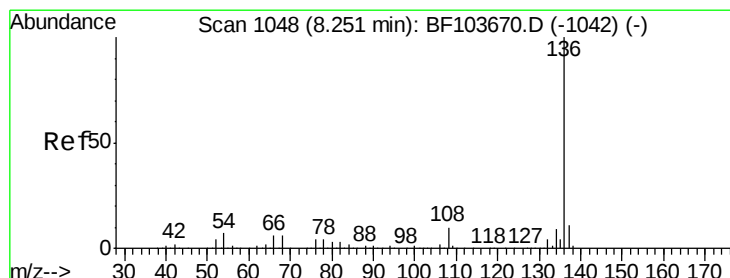
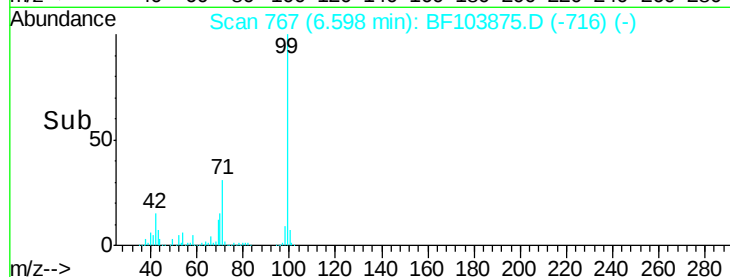
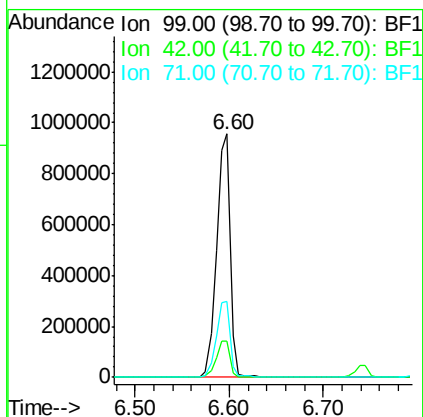
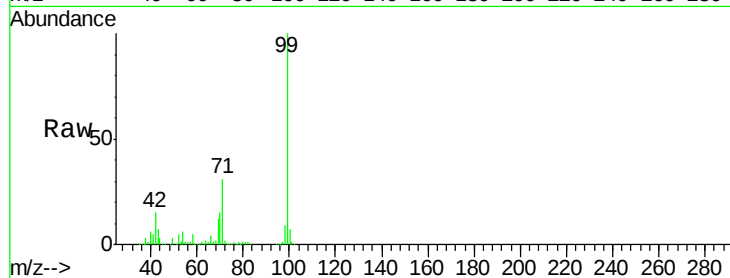
ClientSampleId :

MW-101(14-15)

Tot Ion:	99	Resp:	977597
Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	31.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

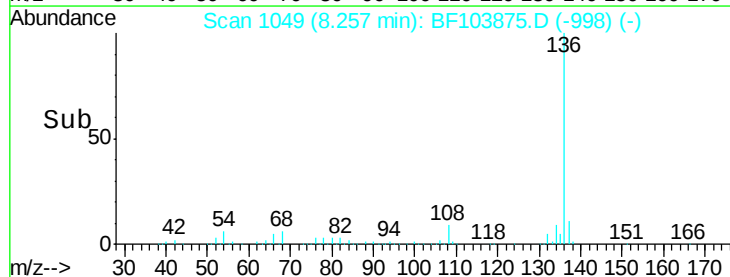
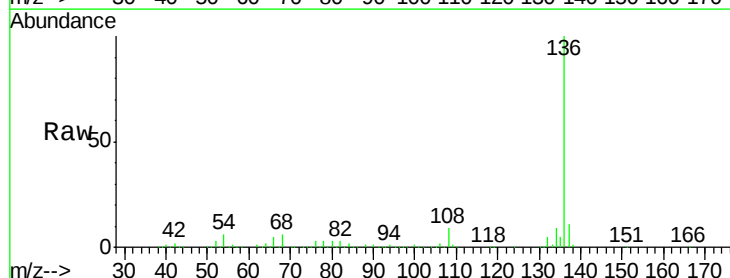
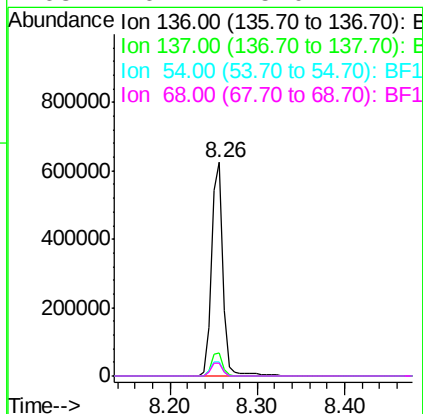
RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Tgt Ion:	136	Resp:	564765
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	6.2	5.0	7.4





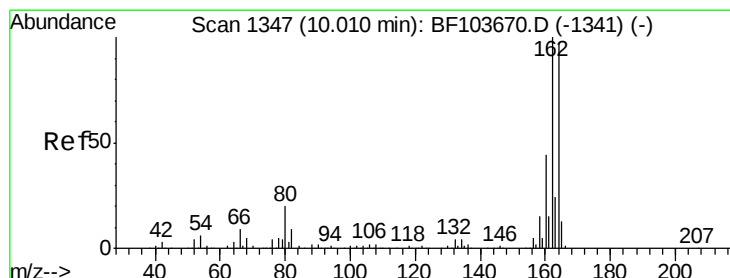
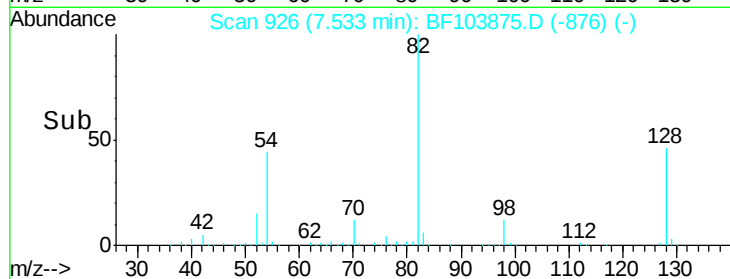
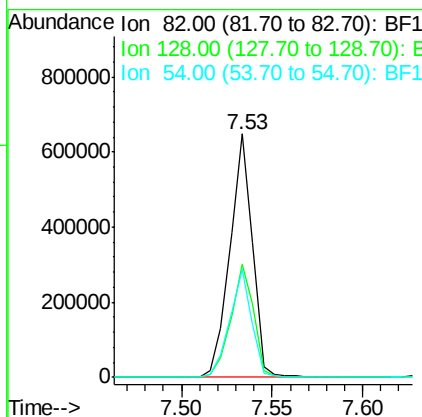
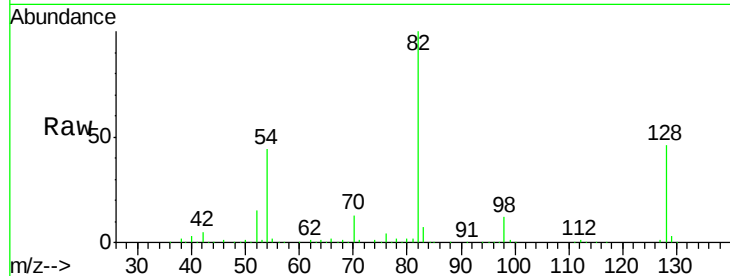
#23
Nitrobenzene-d5
Concen: 69.446 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Instrument :
BNA_F
ClientSampleId :
MW-101(14-15)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	44.3	41.4	62.2

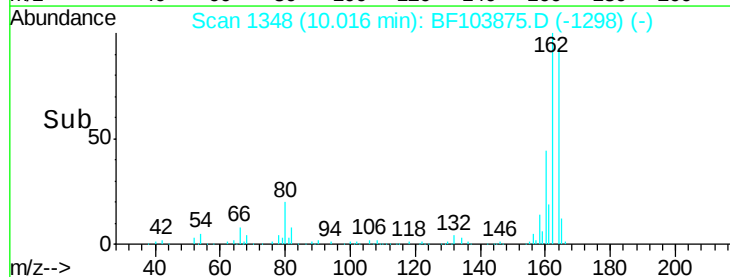
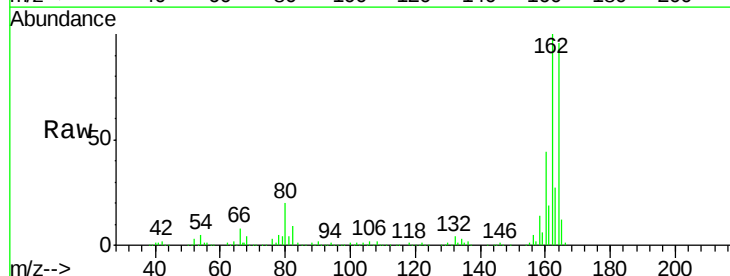
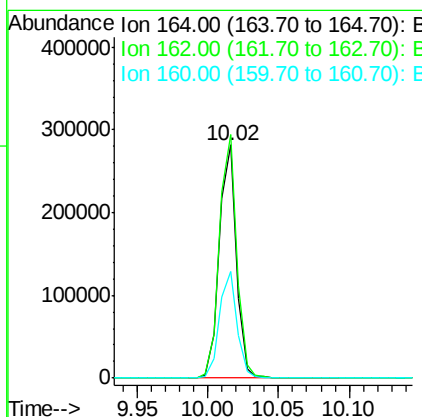
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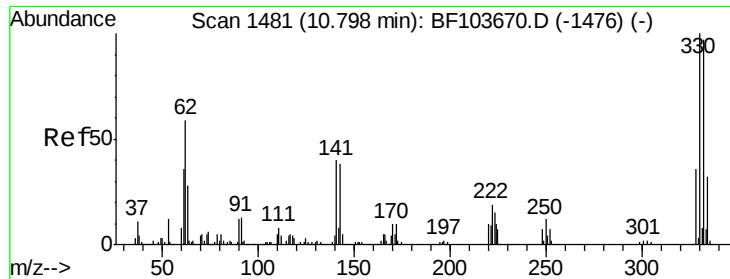
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.8	38.3	57.5





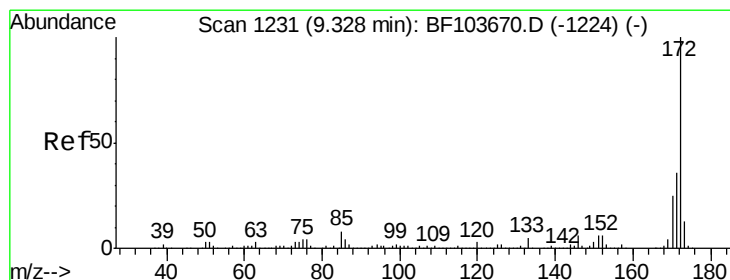
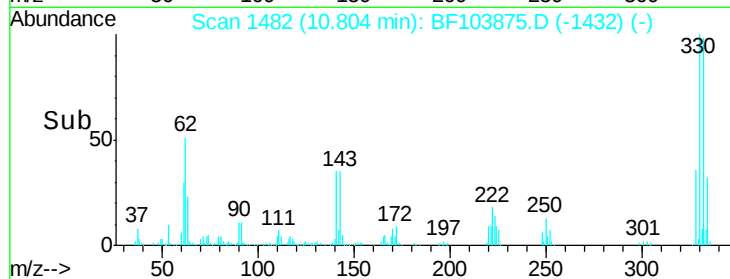
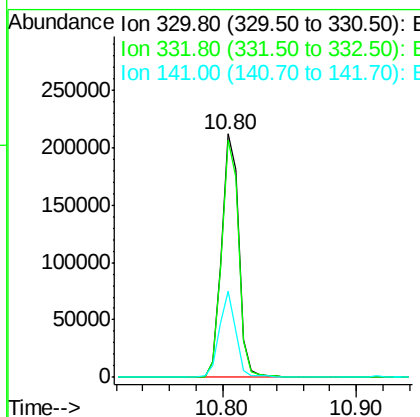
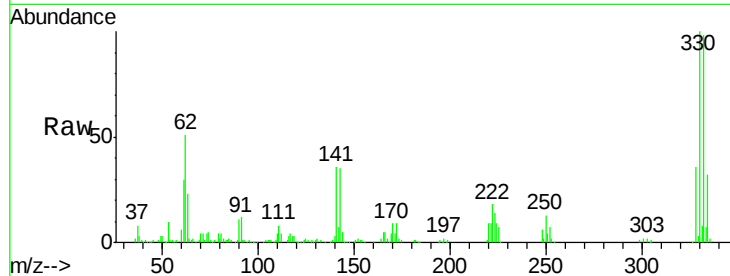
#41
 2,4,6-Tribromophenol
 Concen: 95.358 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103875.D
 Acq: 23 Mar 2018 13:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-101(14-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.0	29.9	44.9

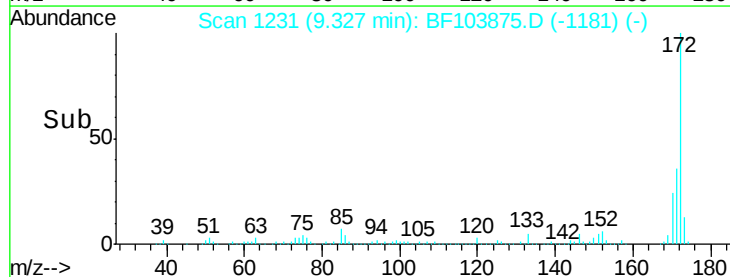
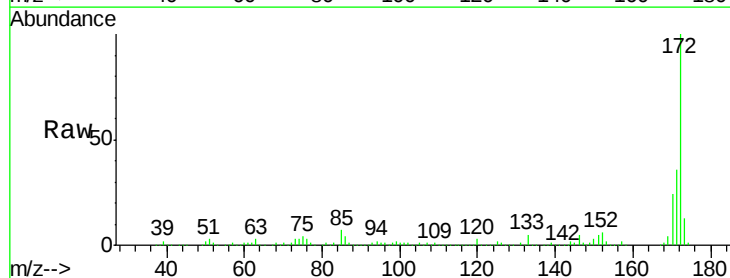
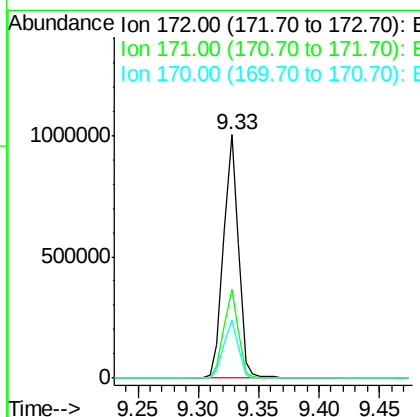
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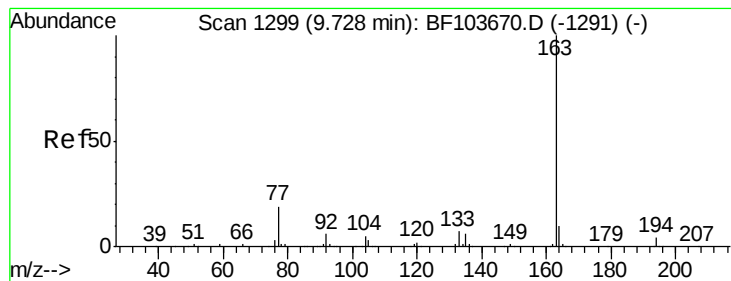
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#44
 2-Fluorobiphenyl
 Concen: 57.868 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103875.D
 Acq: 23 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 5.997 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Instrument :

BNA_F

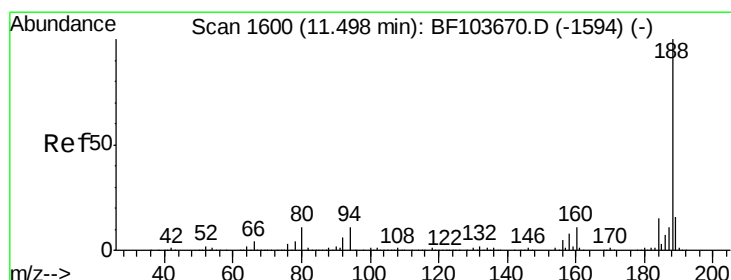
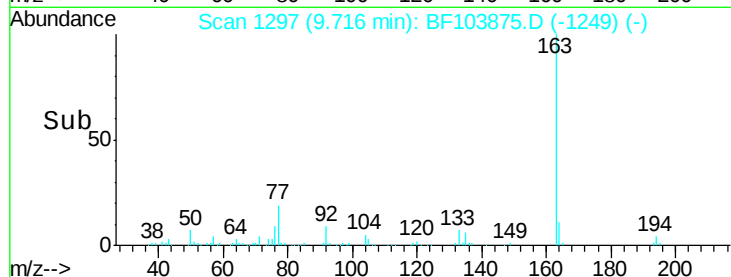
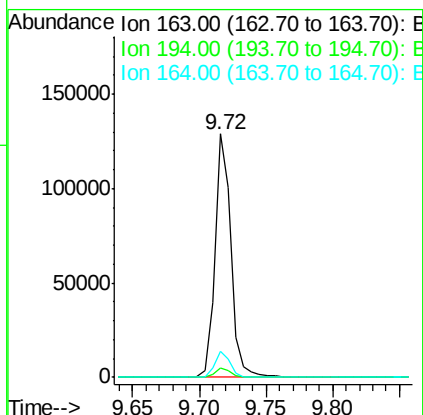
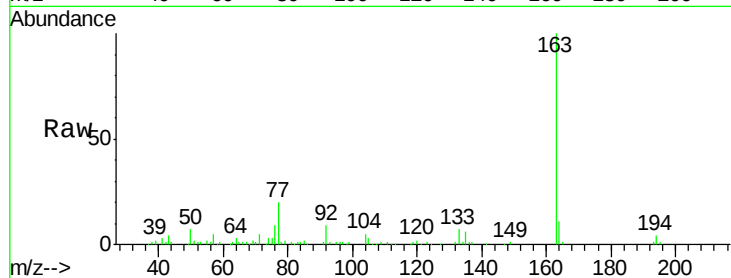
ClientSampleId :

MW-101(14-15)

Tot Ion:	163	Resp:	108380
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

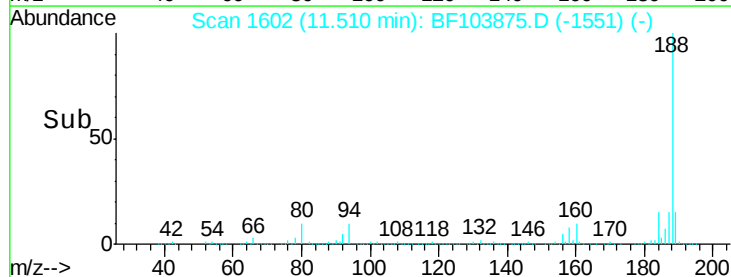
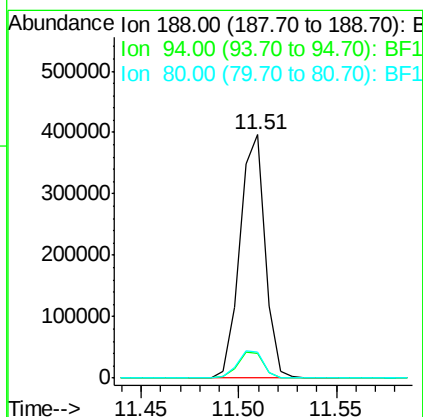
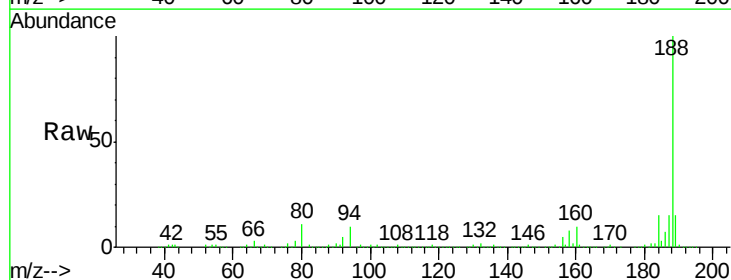
RT: 11.51 min Scan# 1602

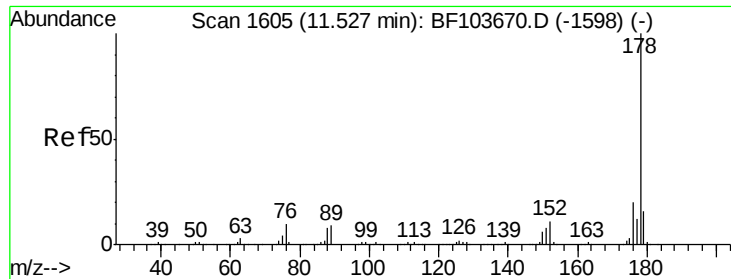
Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Tgt Ion:	188	Resp:	355722
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8





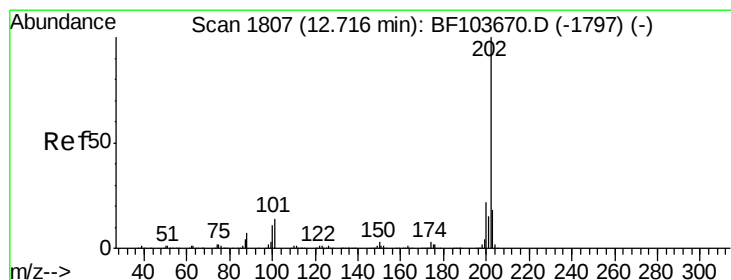
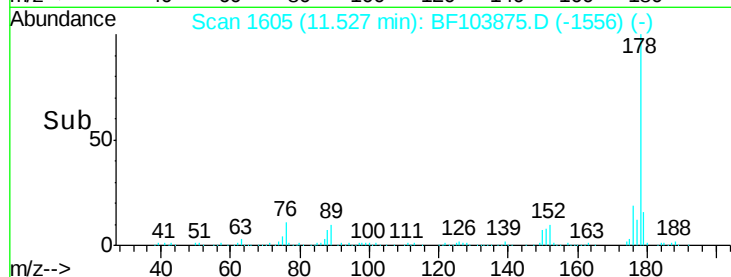
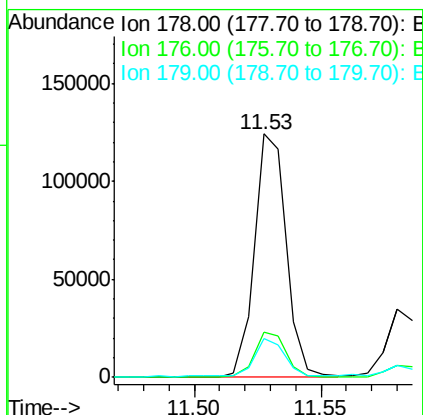
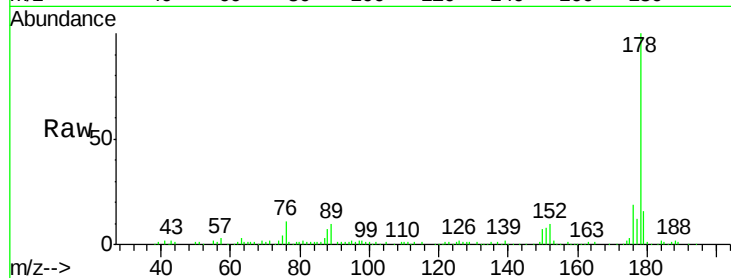
#70
Phenanthrene
Concen: 5.606 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Instrument :
BNA_F
ClientSampleId :
MW-101(14-15)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.7	13.0	19.6

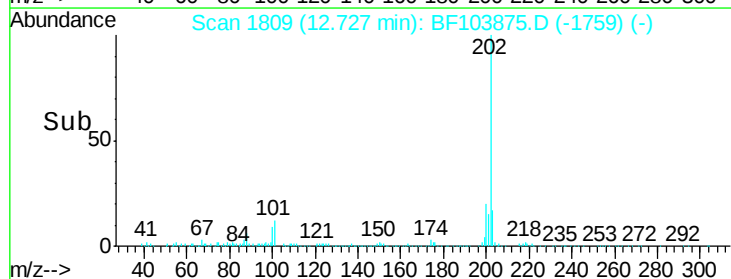
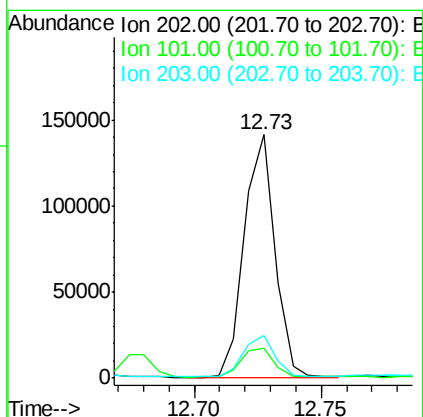
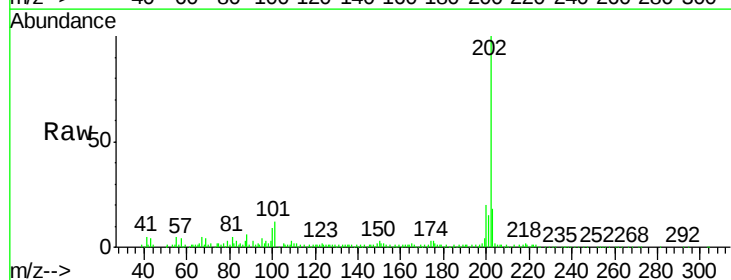
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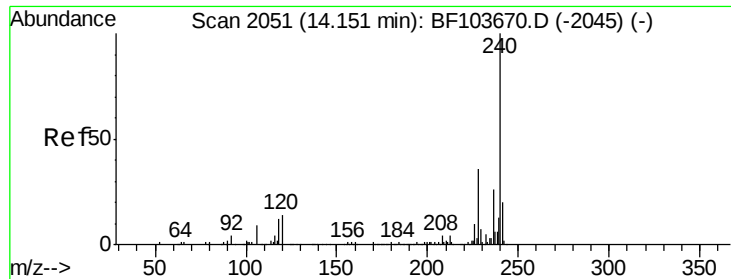
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#74
Fluoranthene
Concen: 5.912 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103875.D
Acq: 23 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Instrument :

BNA_F

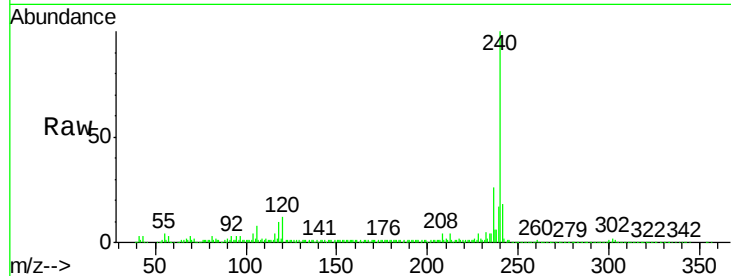
ClientSampleId :

MW-101(14-15)

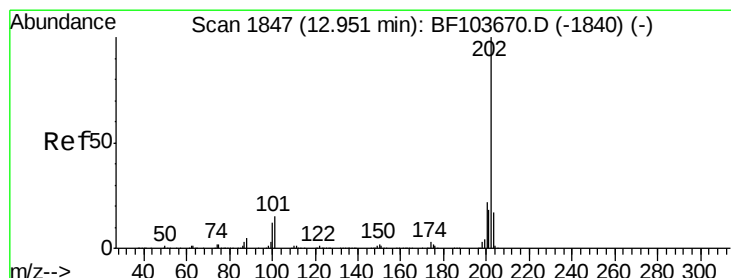
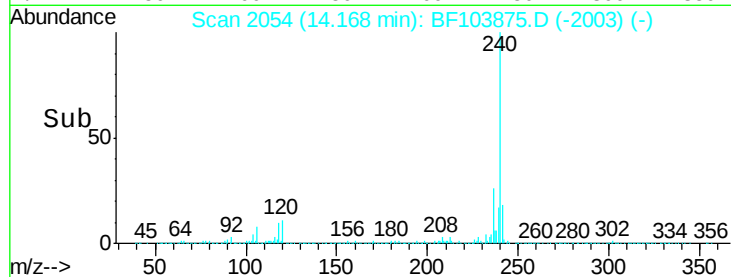
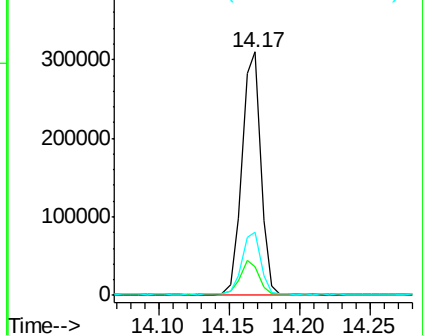
Tot Ion:	240	Resp:	288844
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

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: 5.885 ng

RT: 12.96 min Scan# 1848

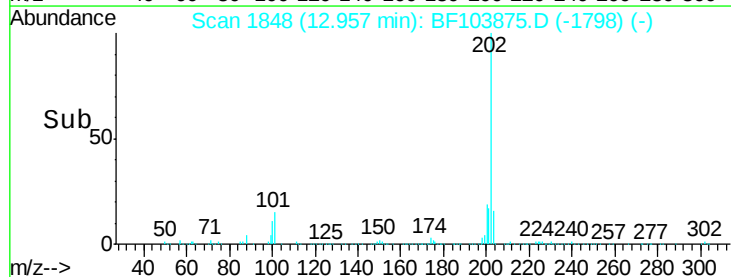
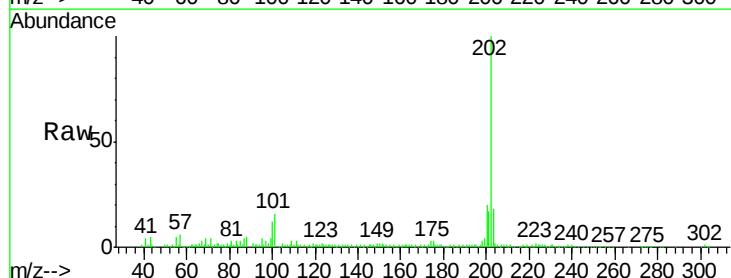
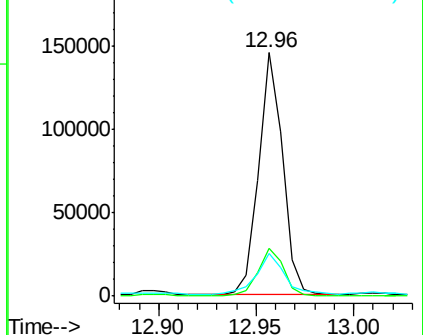
Delta R.T. -0.01 min

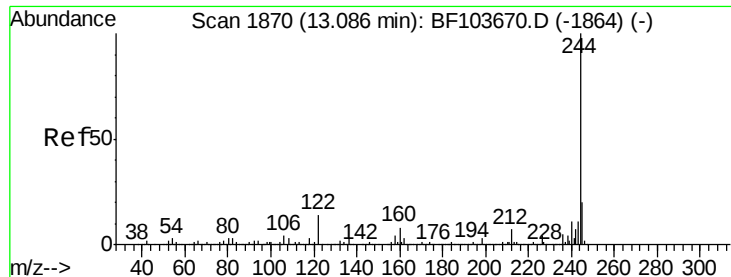
Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Tgt Ion:	202	Resp:	124834
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.5	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





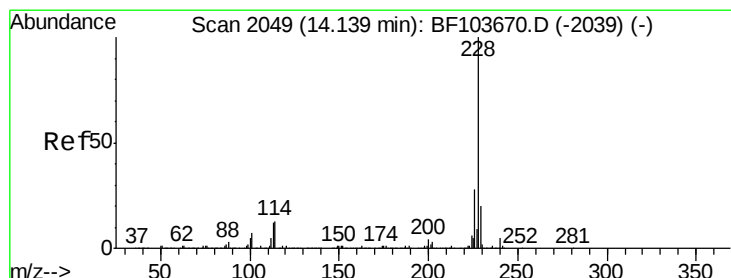
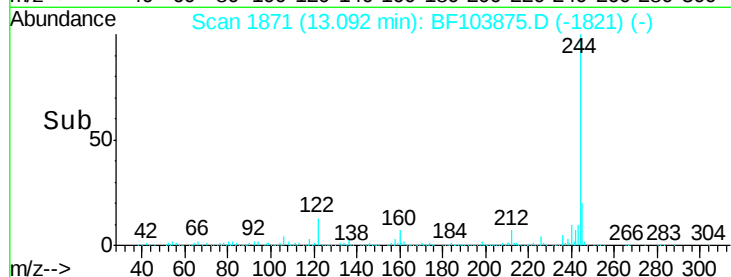
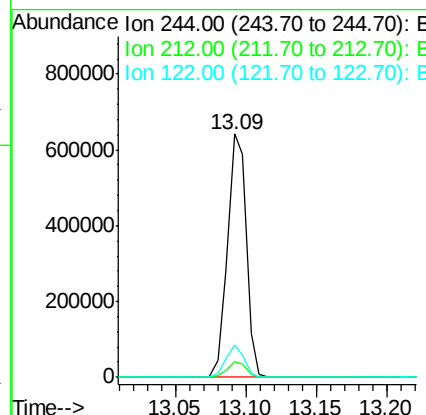
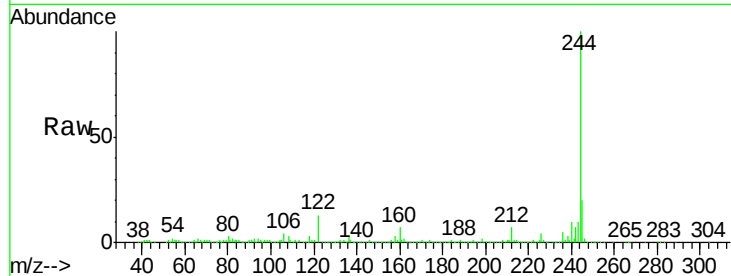
#78
 Terphenyl-d14
 Concen: 47.893 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103875.D
 Acq: 23 Mar 2018 13:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-101(14-15)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4

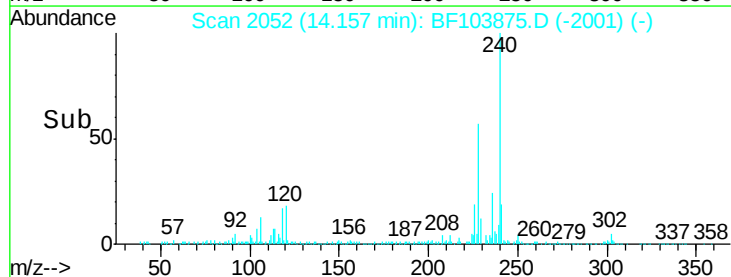
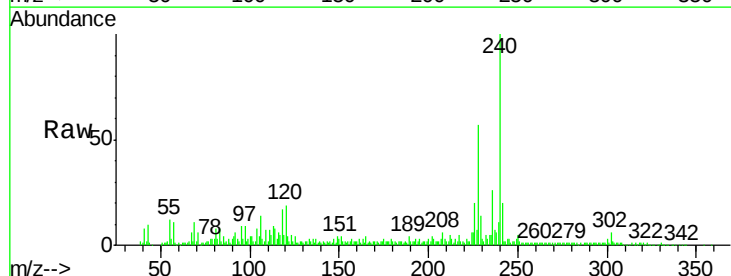
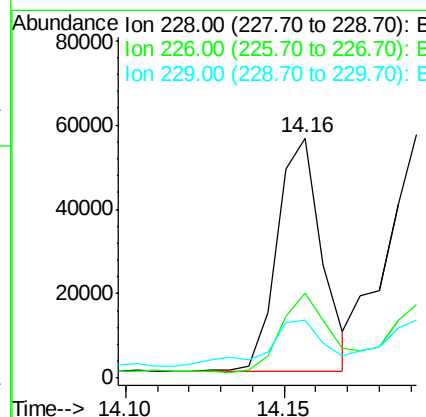
Manual Integrations
 APPROVED

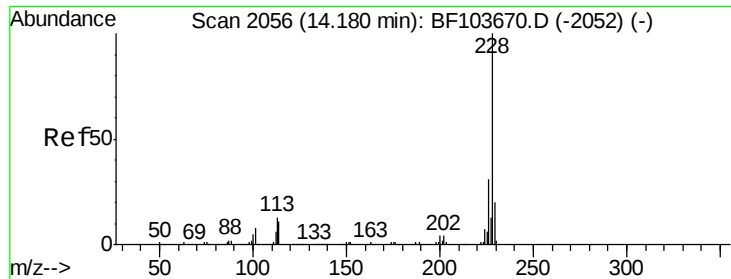
Sohil
 3/26/2018 4:32:52 PM



#80
 Benzo(a)anthracene
 Concen: 2.975 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BF103875.D
 Acq: 23 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.6	33.8#
229	24.4	15.8	23.6#





#82

Chrysene

Concen: 3.332 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Instrument :

BNA_F

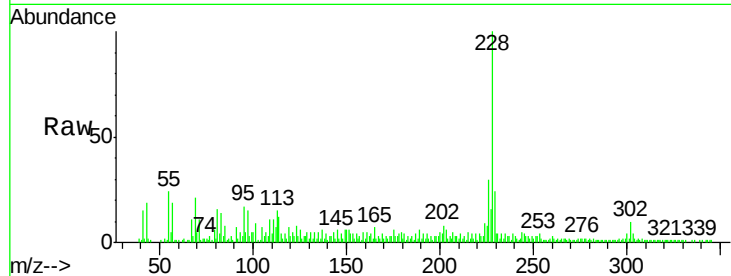
ClientSampleId :

MW-101(14-15)

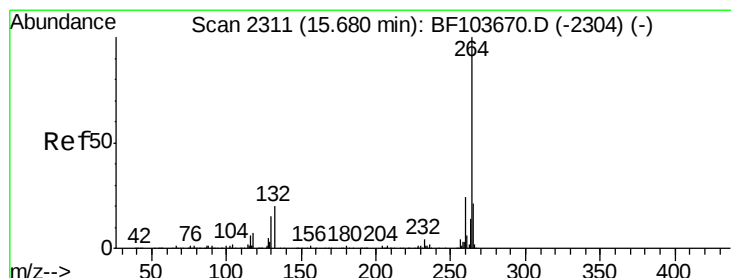
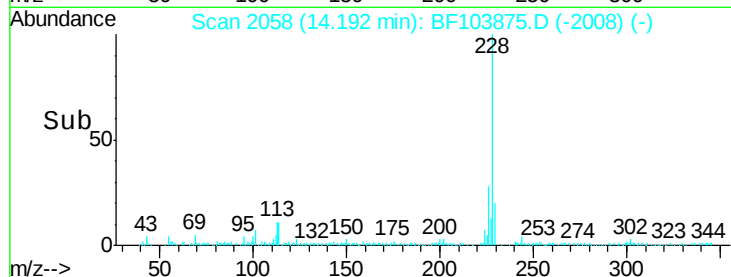
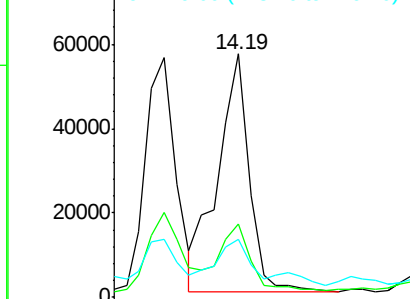
Tot Ion:	228	Resp:	58082
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	24.0	16.2	24.4

Manual Integrations
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Sohil
3/26/2018 4:32:52 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

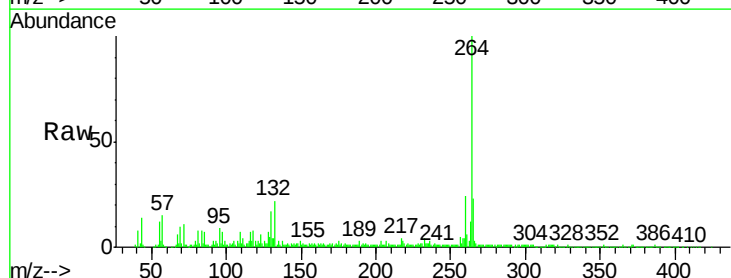
RT: 15.72 min Scan# 2317

Delta R.T. 0.01 min

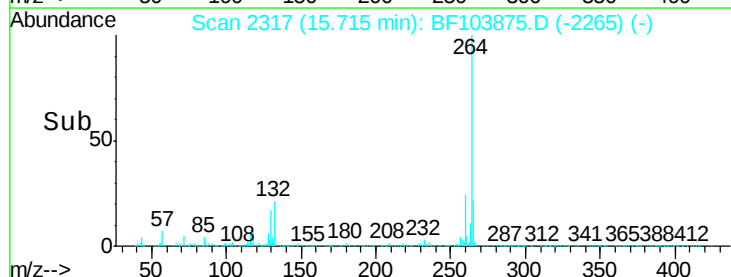
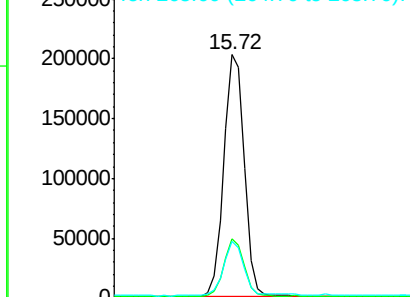
Lab File: BF103875.D

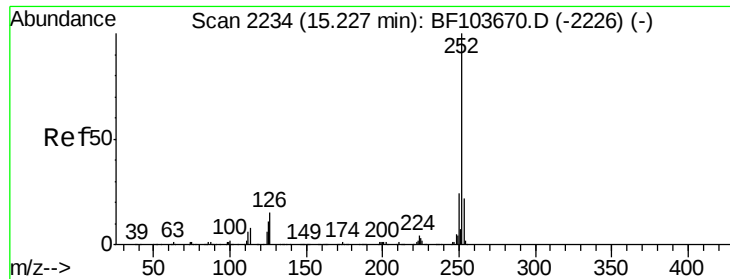
Acq: 23 Mar 2018 13:01

Tgt Ion:	264	Resp:	274567
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	23.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.360 ng/mL

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Instrument :

BNA_F

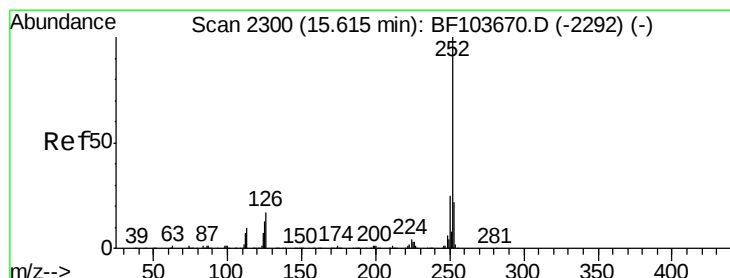
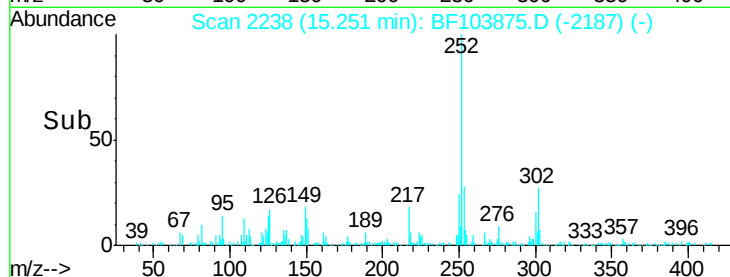
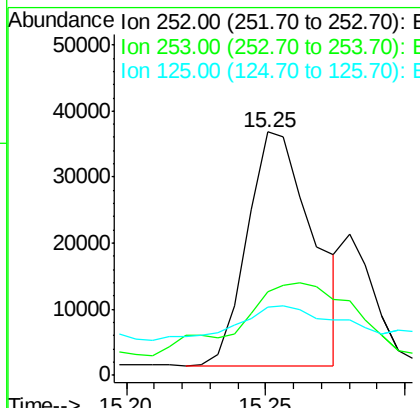
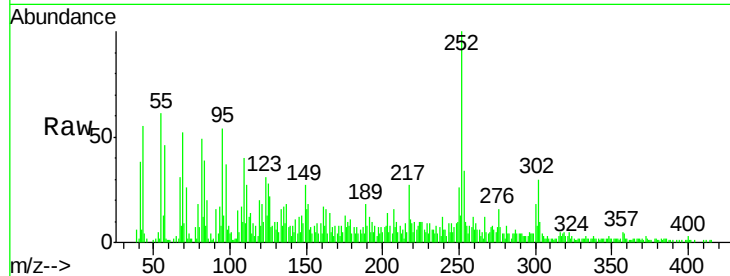
ClientSampleId :

MW-101(14-15)

Tot Ion:252	Resp:	58281
Ion Ratio	Lower	Upper
252	100	
253	34.2	17.0 25.6#
125	27.9	9.0 13.6#

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:52 PM



#89

Benzo(a)pyrene

Concen: 2.970 ng/mL

RT: 15.64 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF103875.D

Acq: 23 Mar 2018 13:01

Tgt Ion:252	Resp:	46732
Ion Ratio	Lower	Upper
252	100	
253	30.4	17.1 25.7#
125	26.0	9.8 14.6#

