

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107188.D
 Acq On : 6 Jul 2018 22:06
 Operator : JU/SJ
 Sample : J3874-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(3-

Manual Integrations
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Quant Time: Jul 09 08:06:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56762	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	204179	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	83311	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	141854	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	169094	20.00	ng	-0.03
86) Perylene-d12	15.67	264	125343	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	316604	94.45	ng	0.00
7) Phenol-d6	6.60	99	391717	93.57	ng	-0.01
23) Nitrobenzene-d5	7.51	82	229336	62.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	84737	87.76	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	357829	70.12	ng	-0.02
78) Terphenyl-d14	13.06	244	345348	49.47	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	54093	8.657	ng	98
70) Phenanthrene	11.51	178	47260	6.907	ng	96
74) Fluoranthene	12.70	202	99375	13.178	ng	94
77) Pyrene	12.93	202	94429	8.469	ng	98
80) Benzo(a)anthracene	14.12	228	54818	5.319	ng	98
82) Chrysene	14.16	228	53270	5.618	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	18079	2.247	ng	# 90
87) Benzo(b)fluoranthene	15.21	252	49623m	6.373	ng	
88) Benzo(k)fluoranthene	15.24	252	18871m	2.545	ng	
89) Benzo(a)pyrene	15.59	252	35835	5.177	ng	96
91) Benzo(g,h,i)perylene	17.73	276	16675	2.908	ng	# 87

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

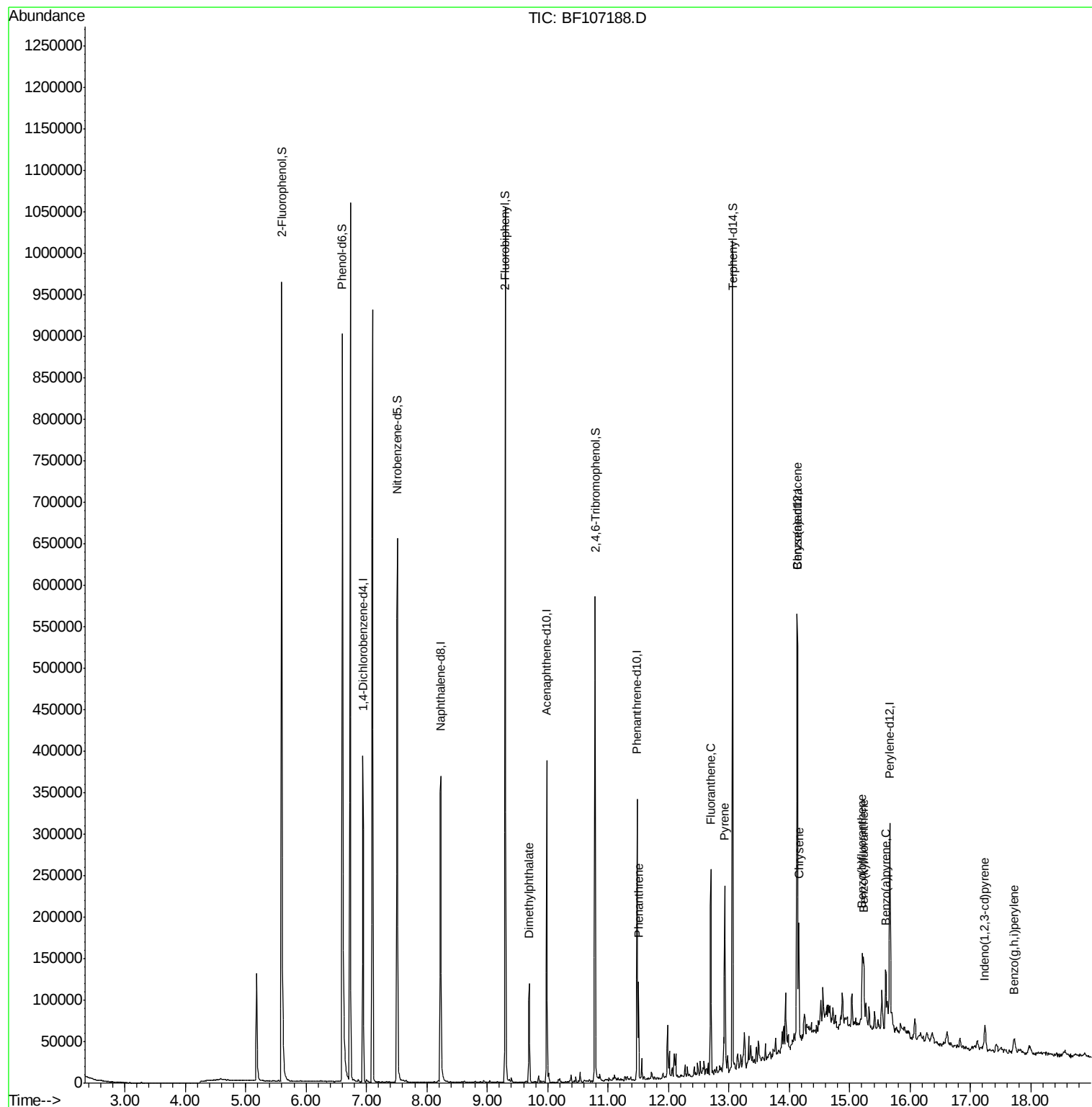
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107188.D
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Sample : J3874-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

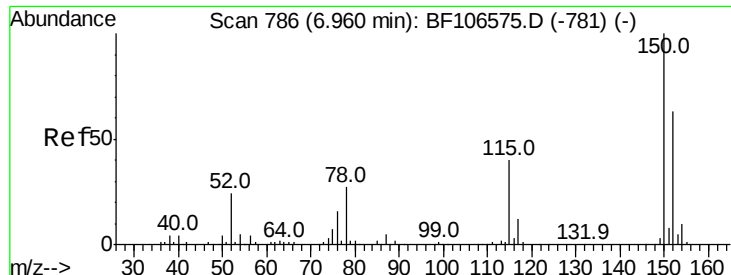
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

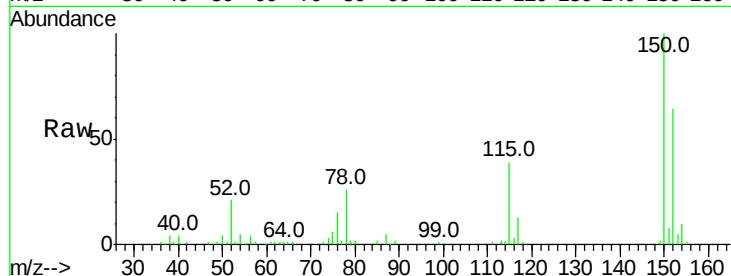
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.6	50.1	75.1

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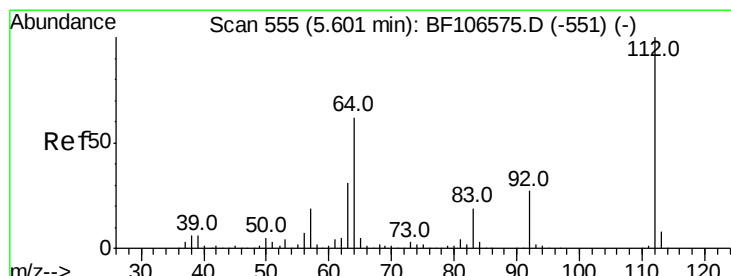
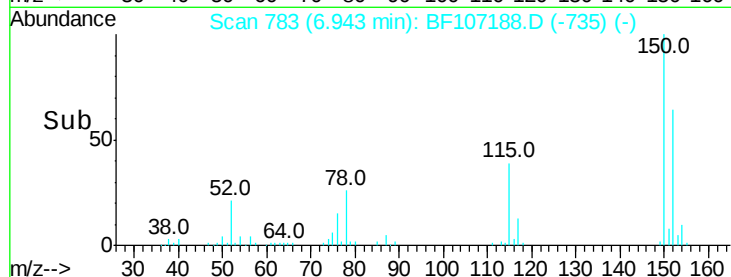
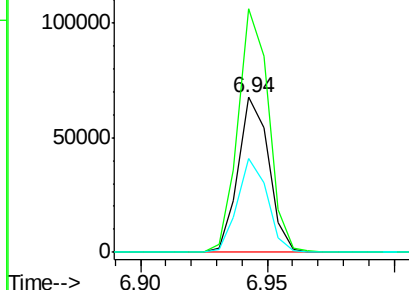


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

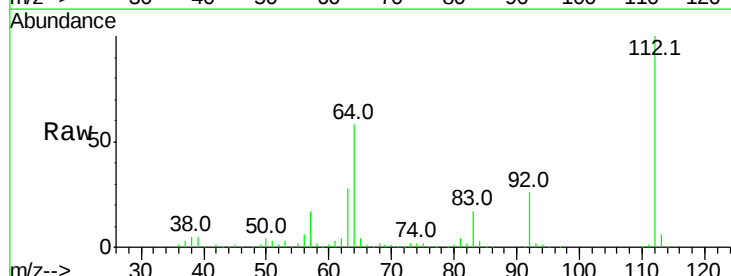
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.449 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.2	23.7	35.5

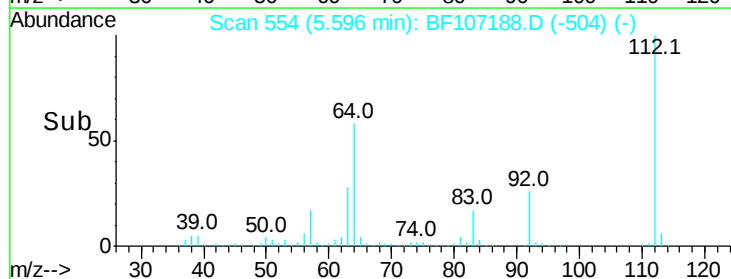
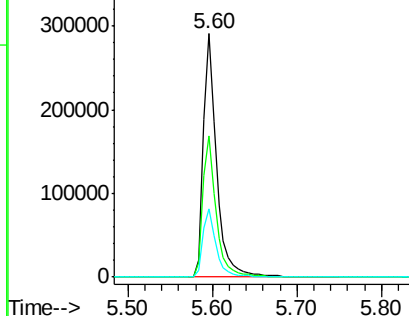


Abundance

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: 93.575 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Instrument :

BNA_F

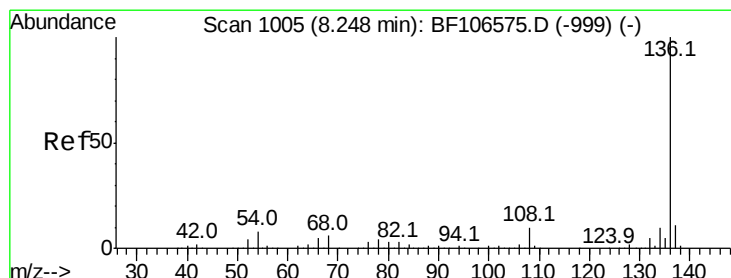
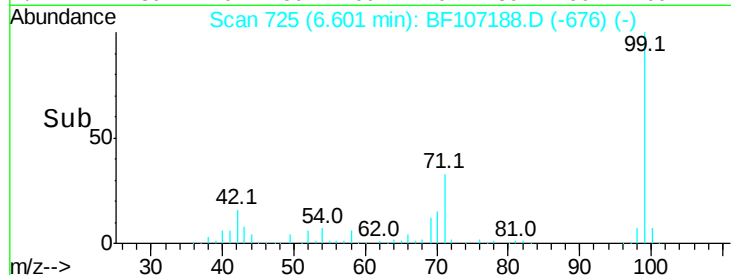
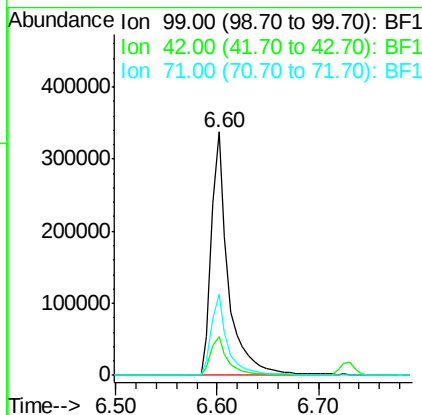
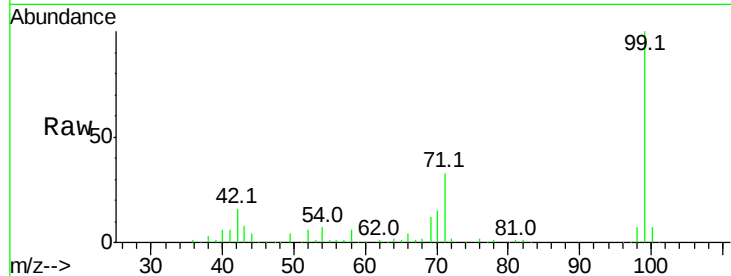
ClientSampleId :

2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion:	99	Resp:	391717
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

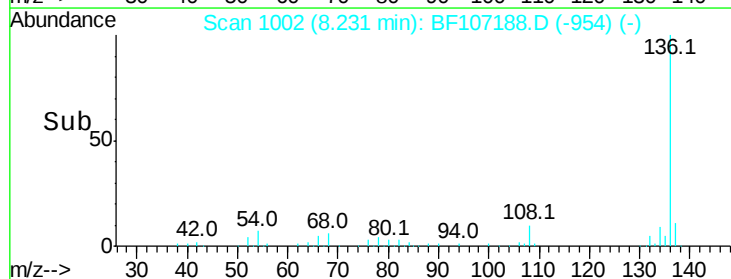
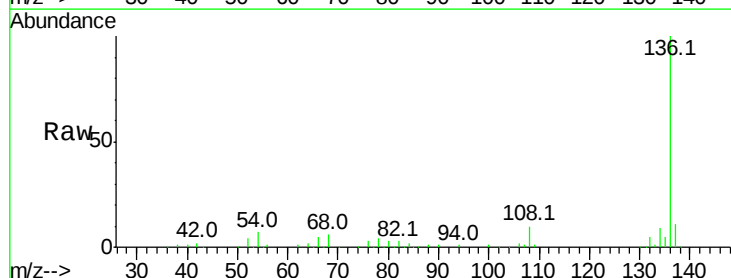
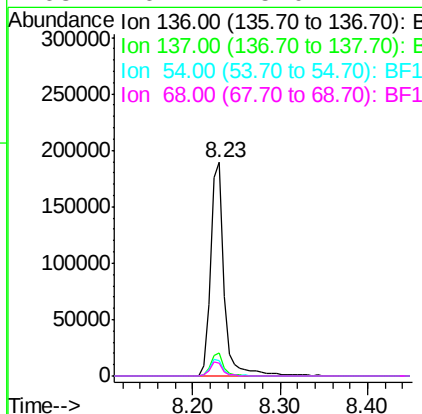
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Tgt Ion:	136	Resp:	204179
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4





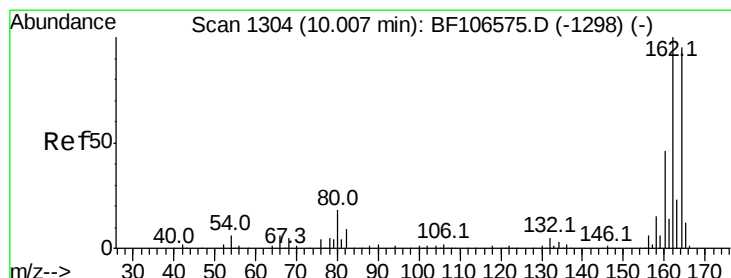
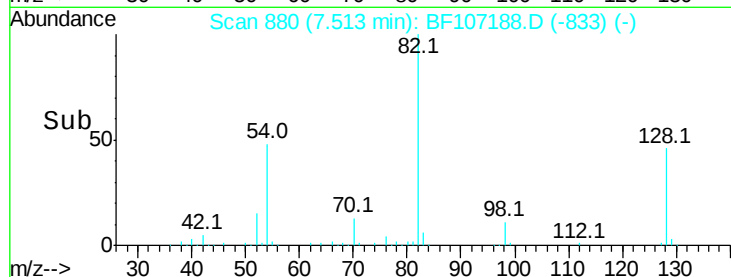
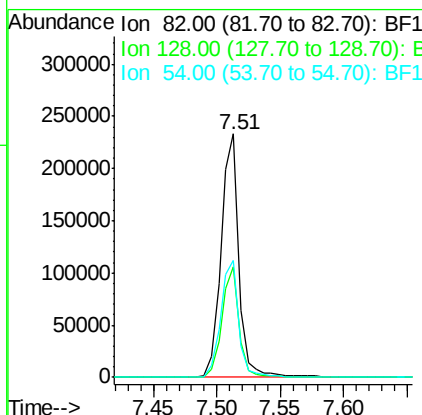
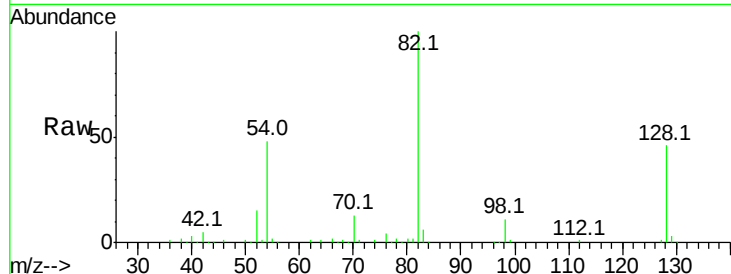
#23
 Nitrobenzene-d5
 Concen: 62.421 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.1	54.1	
54	48.0	41.4	62.2	

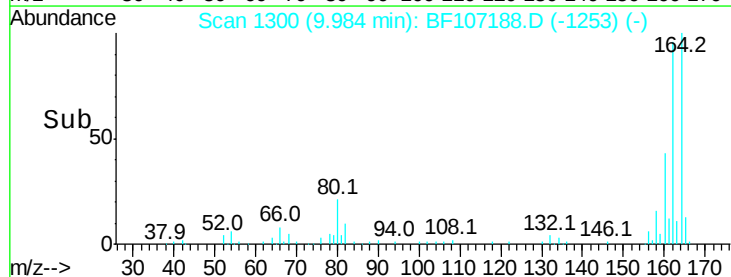
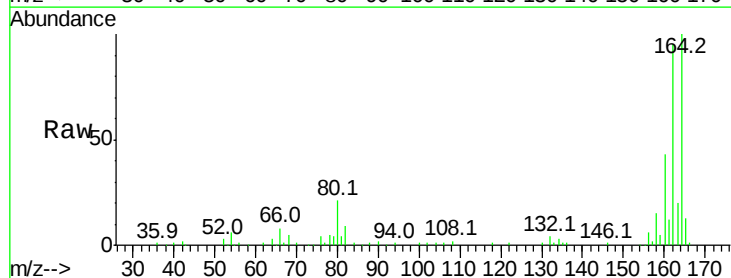
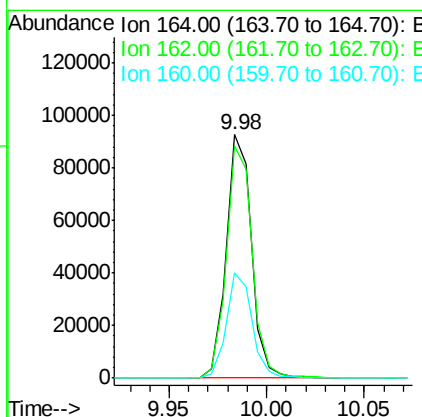
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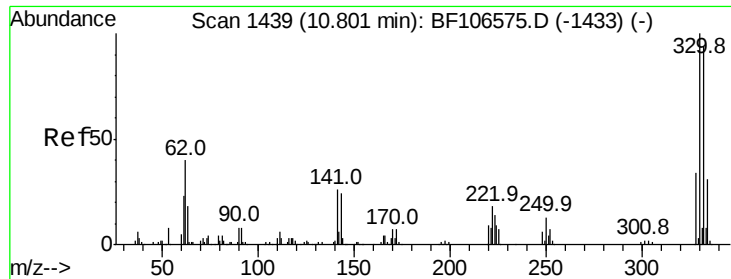
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	95.1	86.1	129.1	
160	43.0	38.3	57.5	





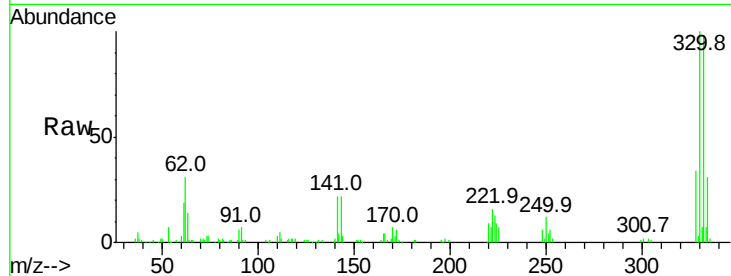
#41
 2,4,6-Tribromophenol
 Concen: 87.756 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(3-

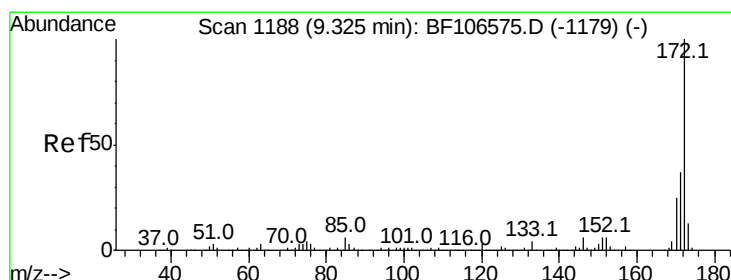
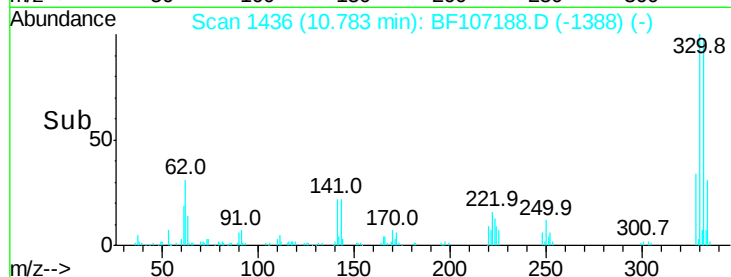
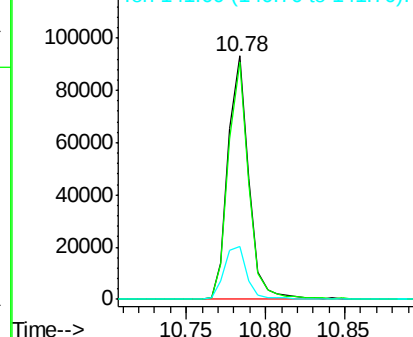
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	23.6	29.9	44.9#

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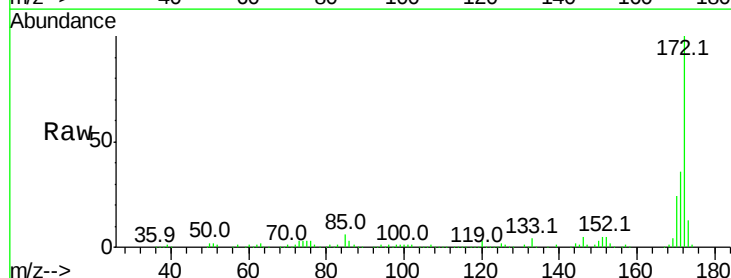


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

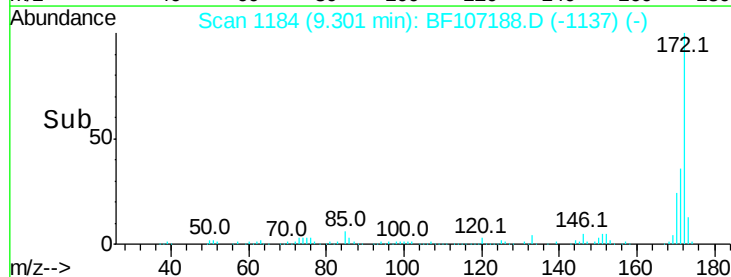
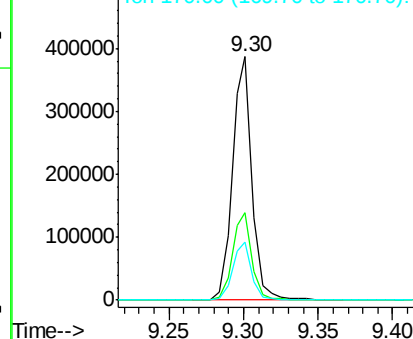


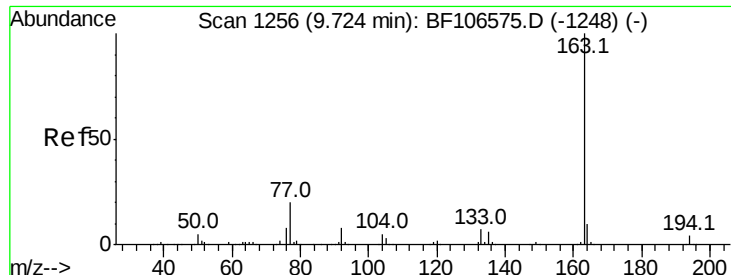
#44
 2-Fluorobiphenyl
 Concen: 70.117 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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





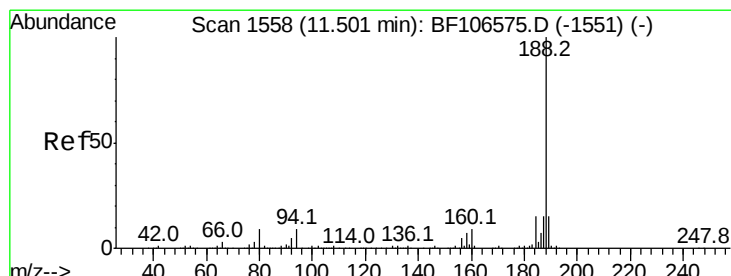
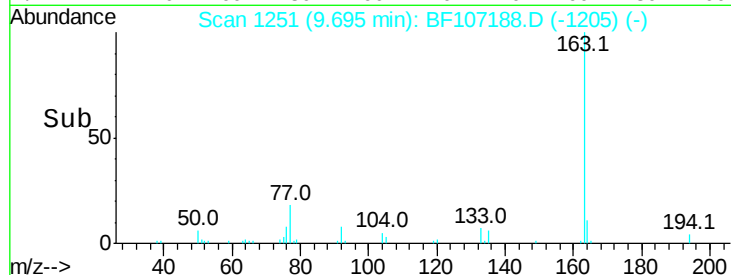
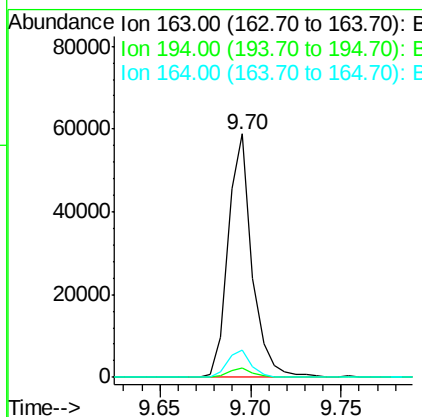
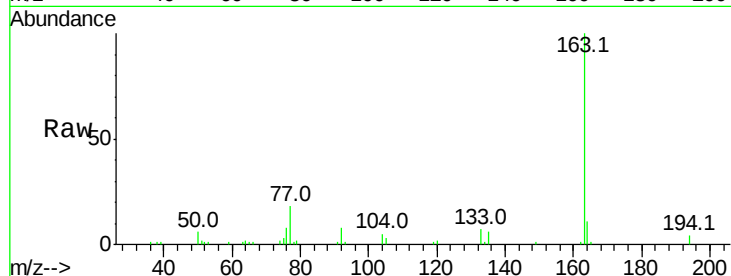
#49
Dimethylphthalate
Concen: 8.657 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Resp	Lower	Upper
163	100	54093		
194	3.9		2.7	4.1
164	11.2		8.2	12.2

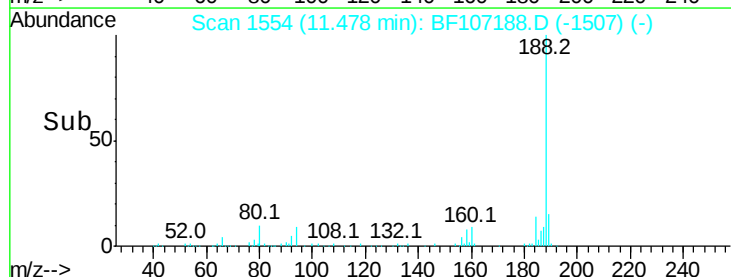
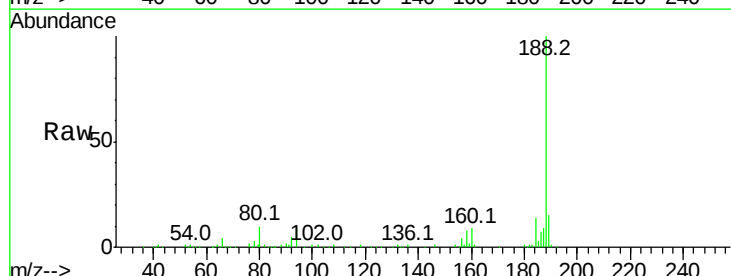
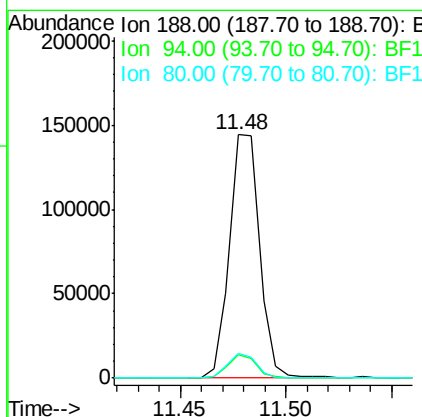
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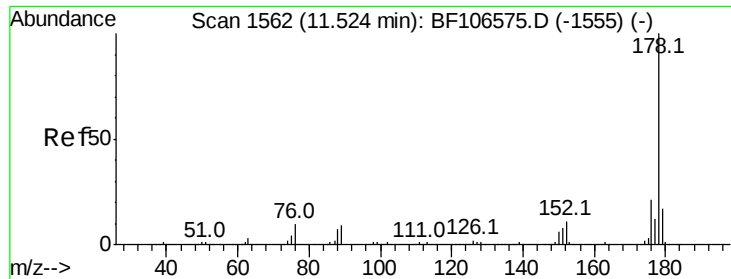
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	141854		
94	9.5		8.5	12.7
80	10.1		9.2	13.8





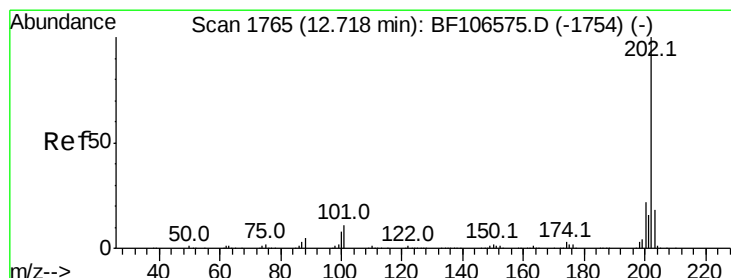
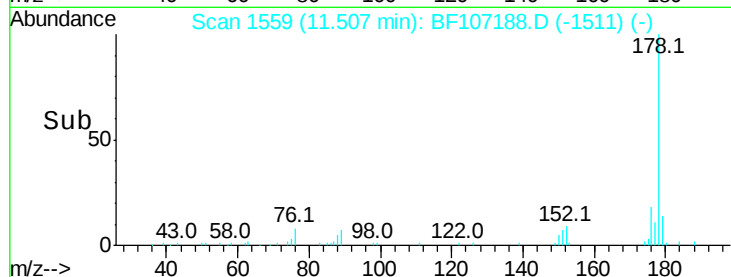
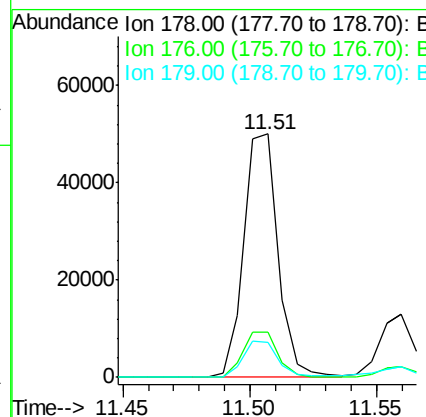
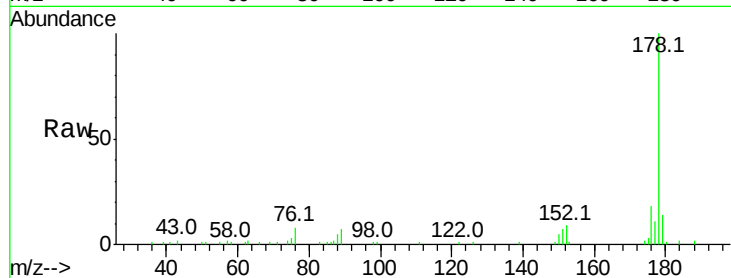
#70
Phenanthrene
Concen: 6.907 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion:178 Resp: 47260
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 14.3 13.0 19.6

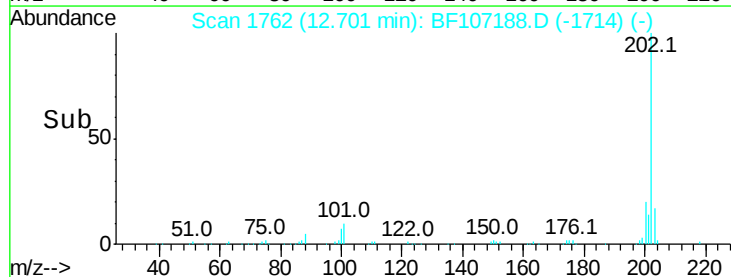
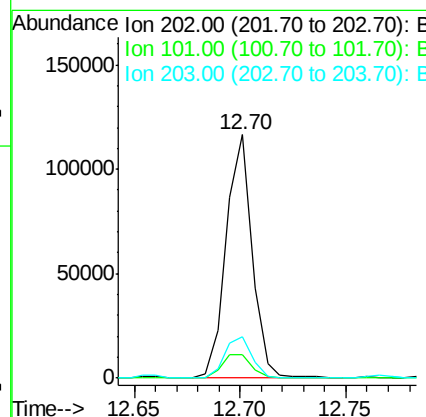
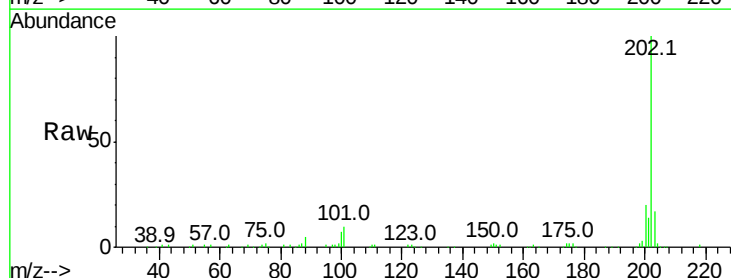
Manual Integrations
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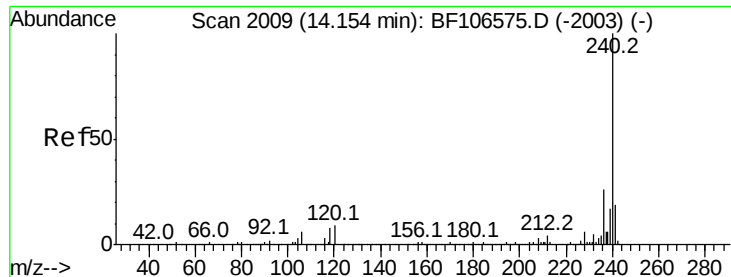
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#74
Fluoranthene
Concen: 13.178 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Tgt Ion:202 Resp: 99375
Ion Ratio Lower Upper
202 100
101 9.7 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Instrument :

BNA_F

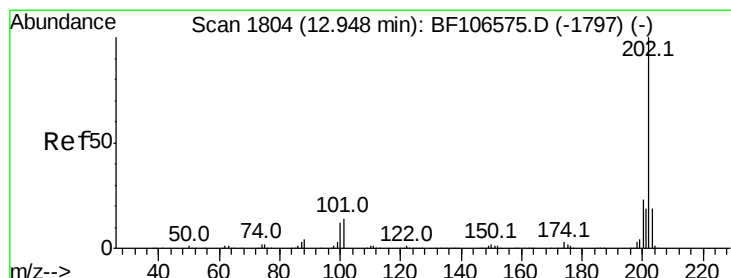
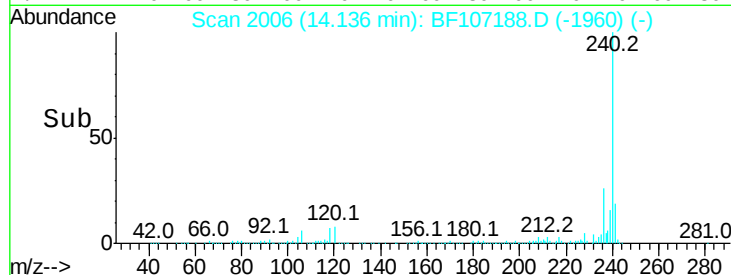
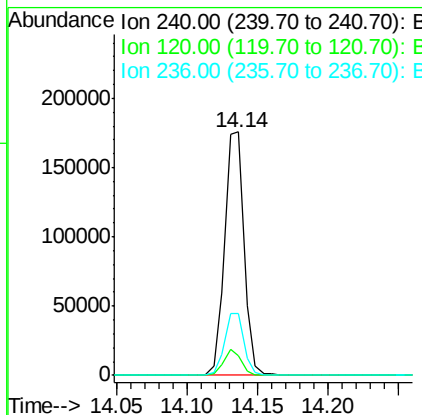
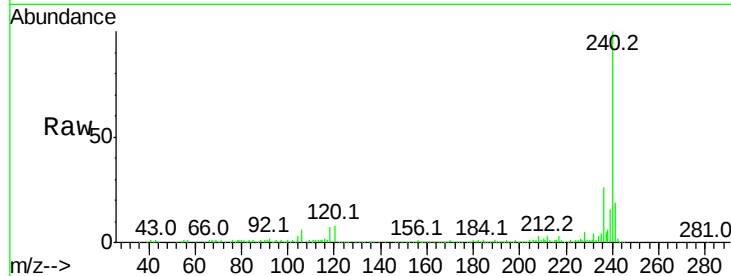
ClientSampleId :

2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Resp	Lower	Upper
240	100	169094		
120	8.0	9.5	14.3#	
236	25.5	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 8.469 ng

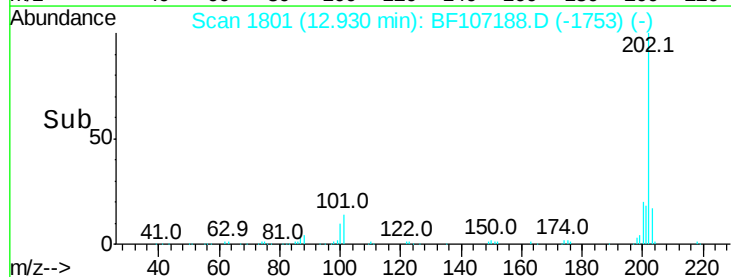
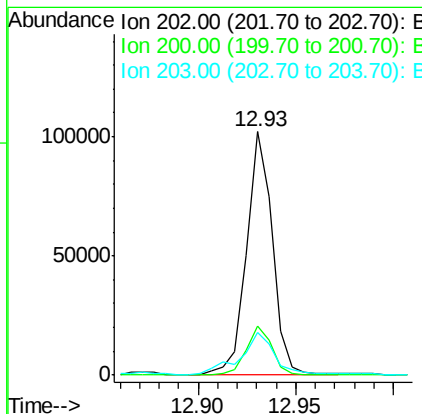
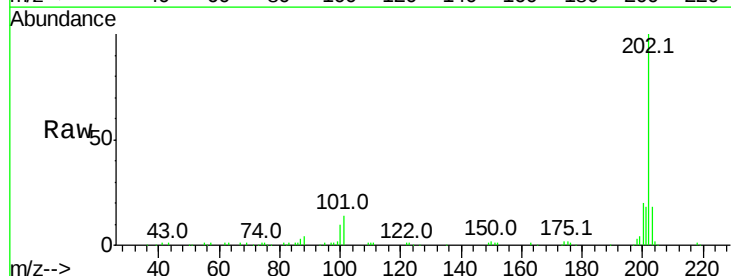
RT: 12.93 min Scan# 1801

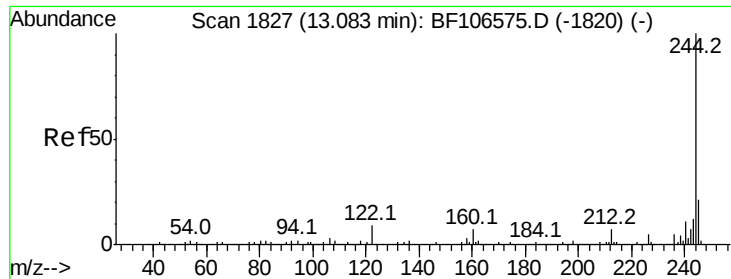
Delta R.T. -0.02 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94429		
200	20.3	17.4	26.2	
203	17.8	14.3	21.5	





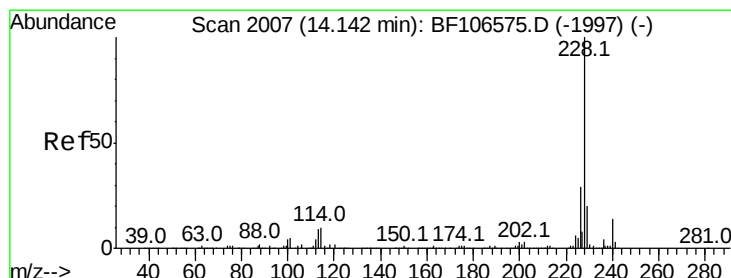
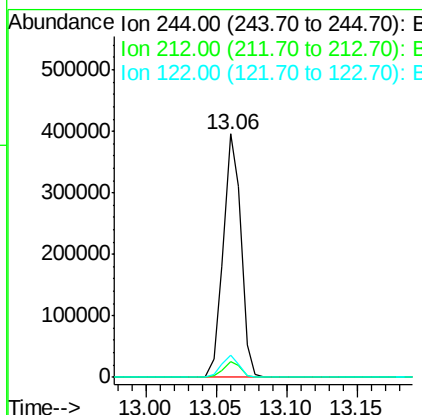
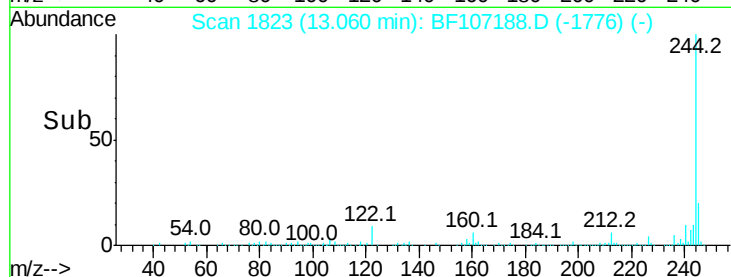
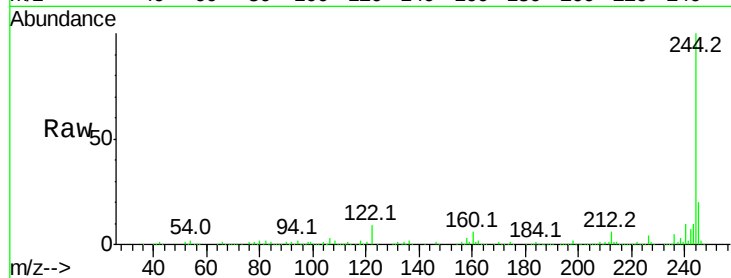
#78
 Terphenyl-d14
 Concen: 49.472 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.1	11.0	16.4

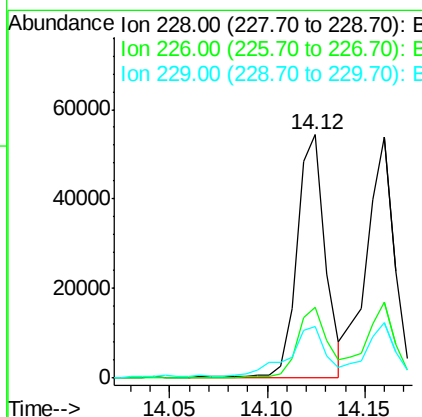
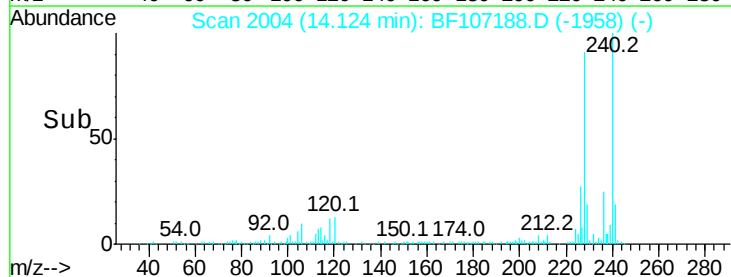
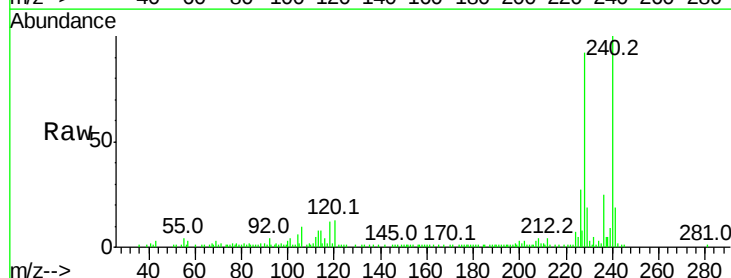
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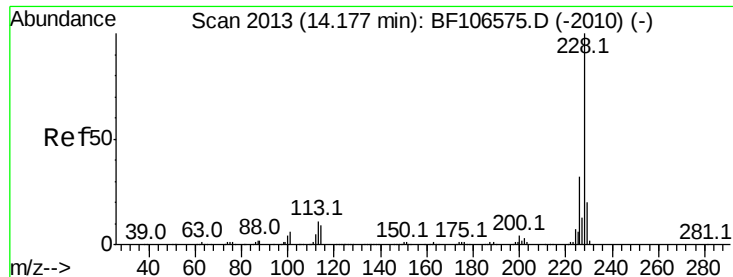
Sohil
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#80
 Benzo(a)anthracene
 Concen: 5.319 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 5.618 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Instrument :

BNA_F

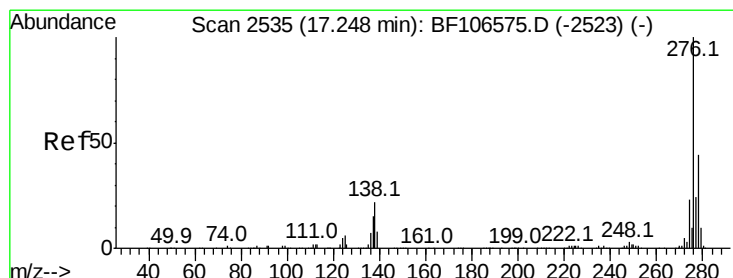
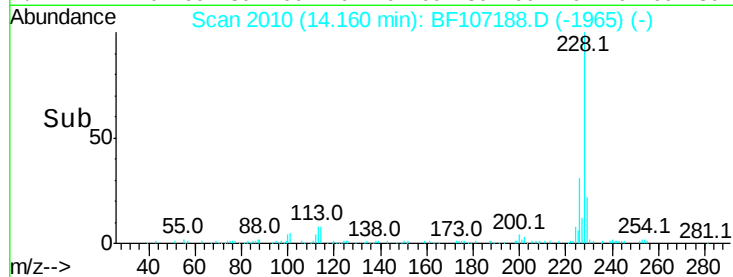
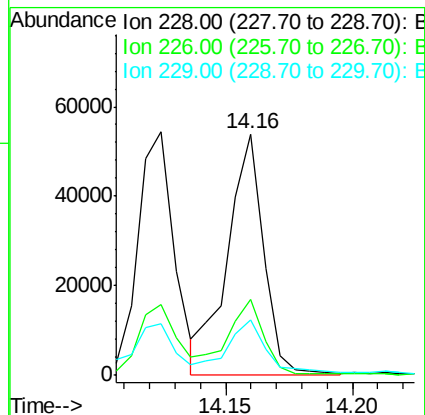
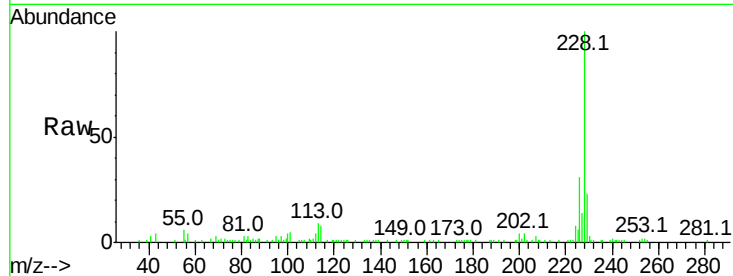
ClientSampleId :

2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion:	228	Resp:	53270
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	23.0	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.247 ng

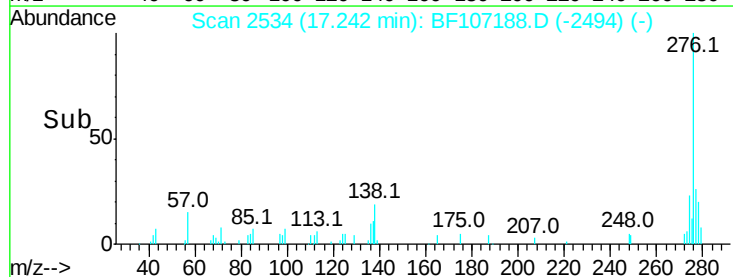
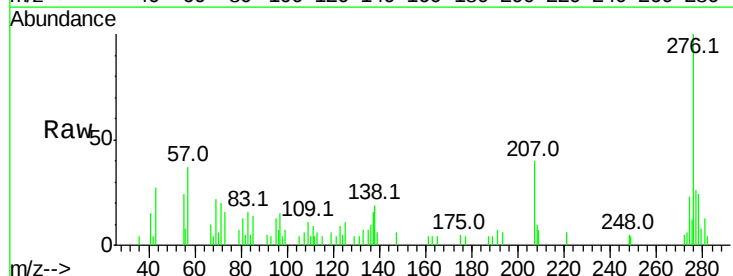
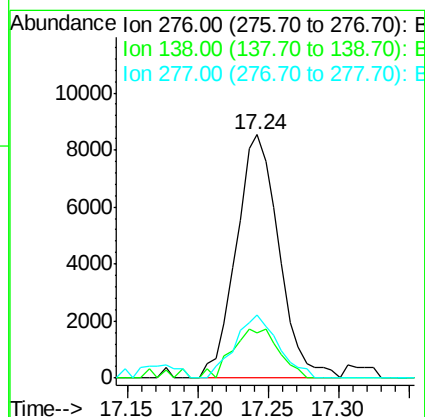
RT: 17.24 min Scan# 2534

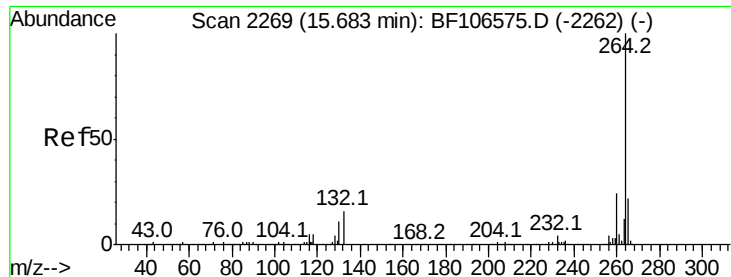
Delta R.T. -0.06 min

Lab File: BF107188.D

Acq: 6 Jul 2018 22:06

Tgt Ion:	276	Resp:	18079
Ion Ratio	Lower	Upper	
276	100		
138	22.0	25.0	37.6#
277	26.1	20.1	30.1





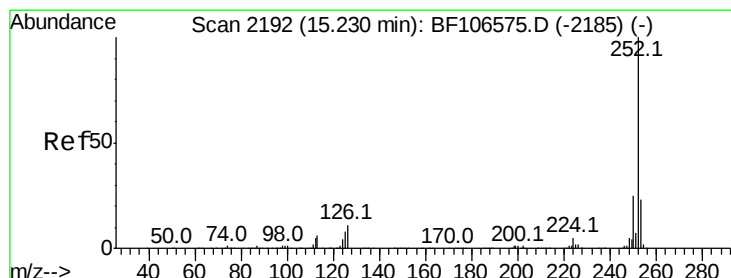
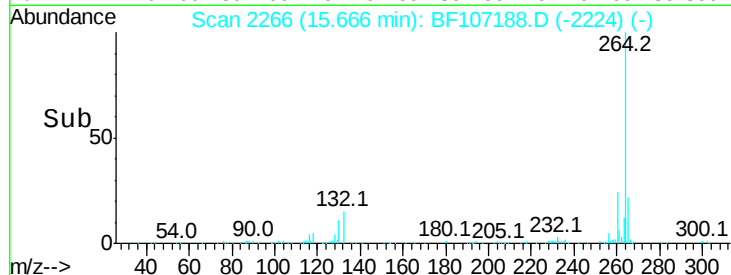
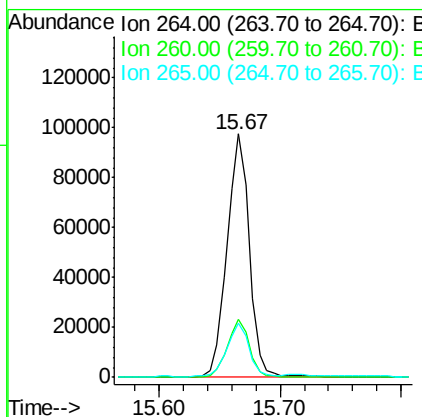
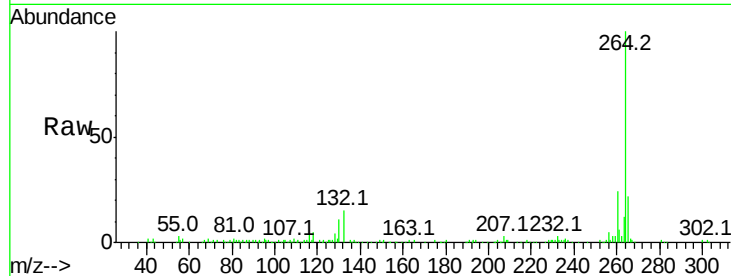
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3

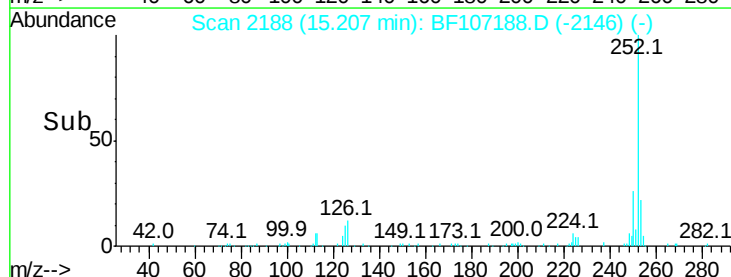
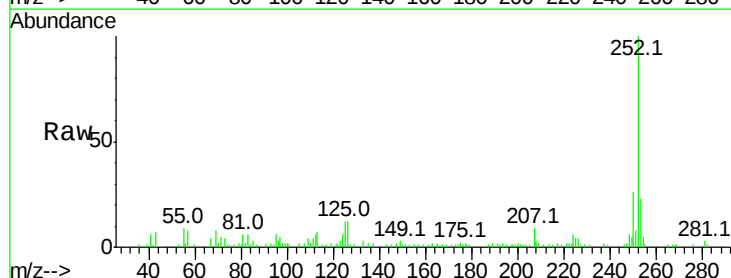
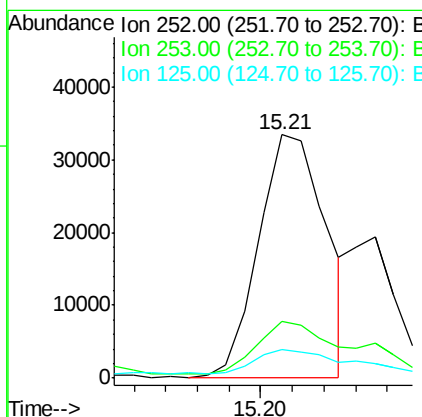
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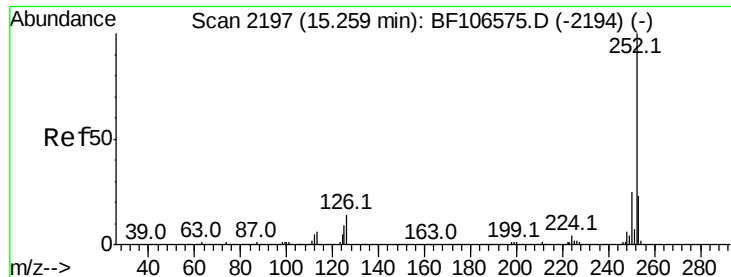
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#87
Benzo(b)fluoranthene
Concen: 6.373 ng m
RT: 15.21 min Scan# 2188
Delta R.T. -0.05 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.5	9.0	13.6





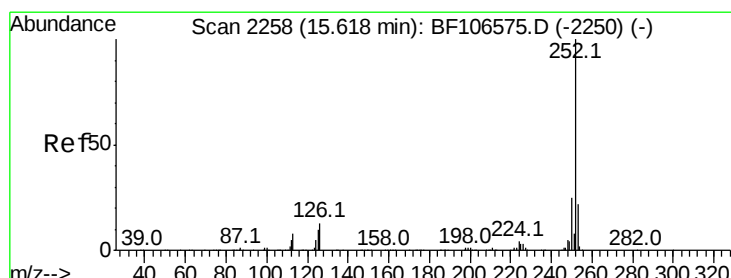
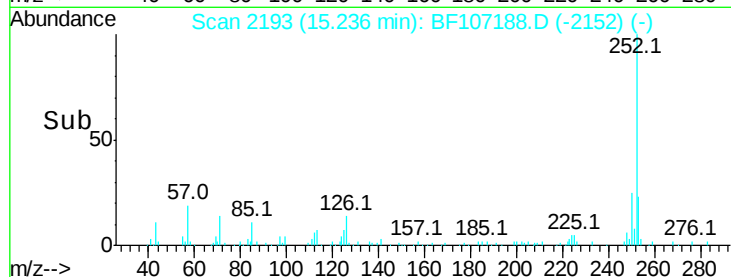
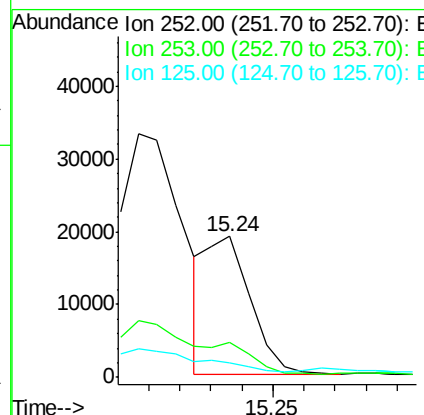
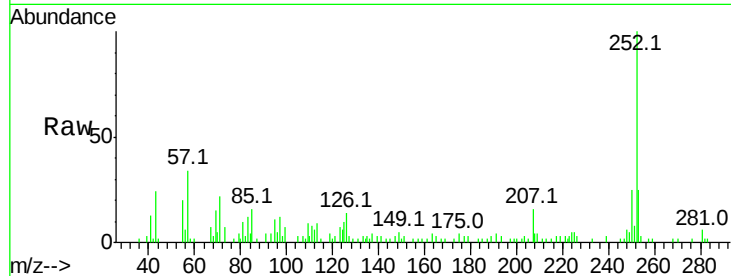
#88
Benzo(k)fluoranthene
Concen: 2.545 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	10.4	10.2	15.2

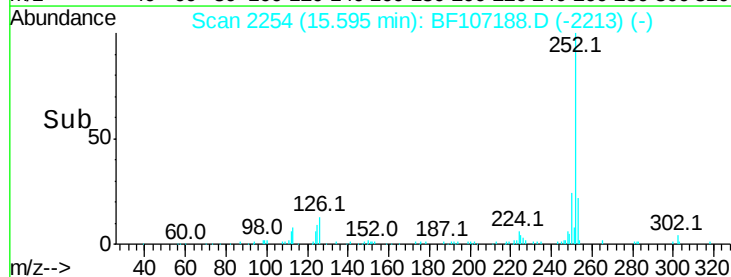
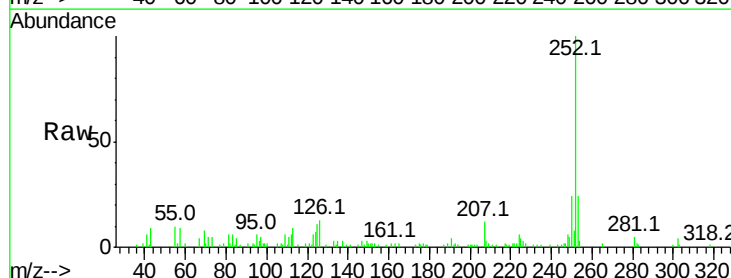
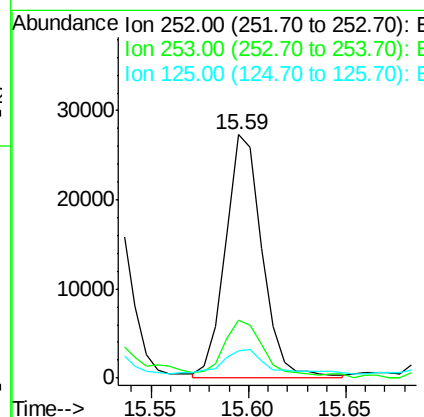
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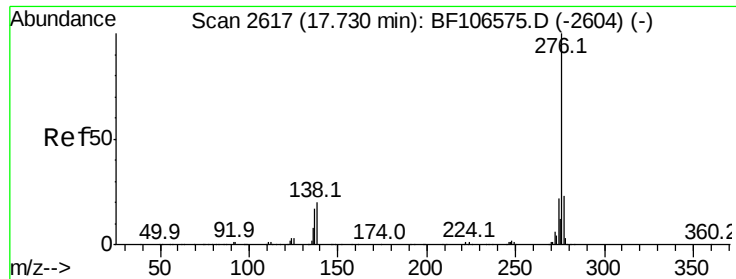
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#89
Benzo(a)pyrene
Concen: 5.177 ng
RT: 15.59 min Scan# 2254
Delta R.T. -0.06 min
Lab File: BF107188.D
Acq: 6 Jul 2018 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	11.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.908 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF107188.D
 Acq: 6 Jul 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(3-

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	18.1	21.8	32.8

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