

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107179.D
 Acq On : 6 Jul 2018 18:07
 Operator : JU/SJ
 Sample : J3820-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-070318

Manual Integrations
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Sohil
 7/9/2018 1:58:30 PM

Quant Time: Jul 09 04:10:20 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	61562	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	231634	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	102832	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	167896	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	173817	20.00	ng	-0.03
86) Perylene-d12	15.67	264	134454	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	330395	90.88	ng	-0.01
7) Phenol-d6	6.59	99	429194	94.53	ng	-0.02
23) Nitrobenzene-d5	7.51	82	262494	62.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	70085	58.80	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	462137	74.19	ng	-0.02
78) Terphenyl-d14	13.07	244	451129	62.87	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	105120	13.630	ng	# 99
57) Fluorene	10.54	166	15278	2.192	ng	# 92
70) Phenanthrene	11.51	178	109082	13.470	ng	97
71) Anthracene	11.56	178	32353	3.914	ng	97
74) Fluoranthene	12.70	202	208801	23.394	ng	94
77) Pyrene	12.93	202	194856	17.000	ng	98
80) Benzo(a)anthracene	14.12	228	91500	8.637	ng	97
82) Chrysene	14.16	228	93191	9.562	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	37545	4.539	ng	# 91
87) Benzo(b)fluoranthene	15.21	252	106539m	12.756	ng	
88) Benzo(k)fluoranthene	15.24	252	30357m	3.817	ng	
89) Benzo(a)pyrene	15.60	252	67428	9.081	ng	96
91) Benzo(a,h,i)perylene	17.73	276	41012	6.668	ng	# 89

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

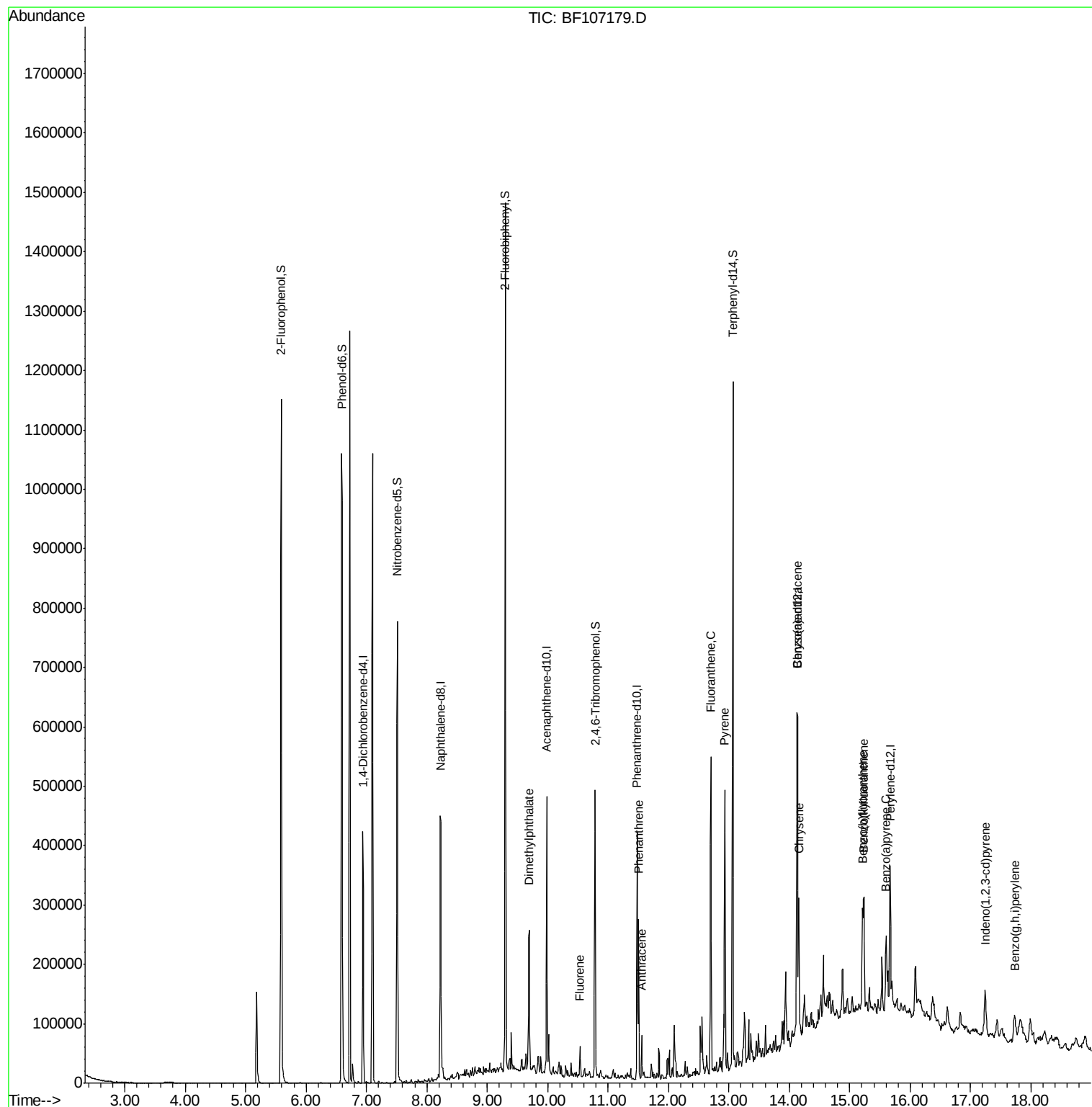
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107179.D
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Operator : JU/SJ
Sample : J3820-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

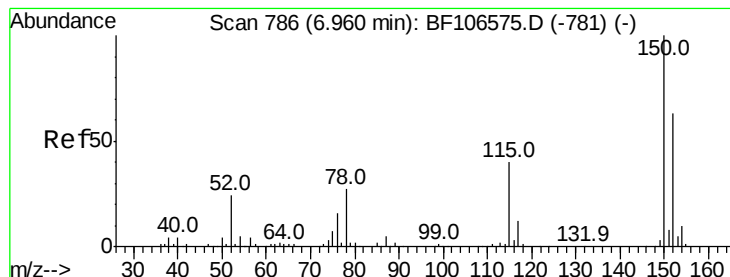
Instrument :
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BU-03-070318

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Quant Time: Jul 09 04:10:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

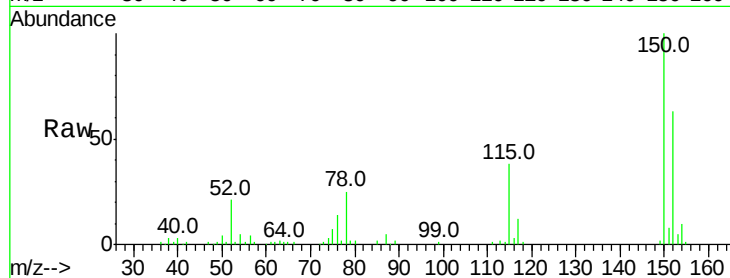
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-03-070318

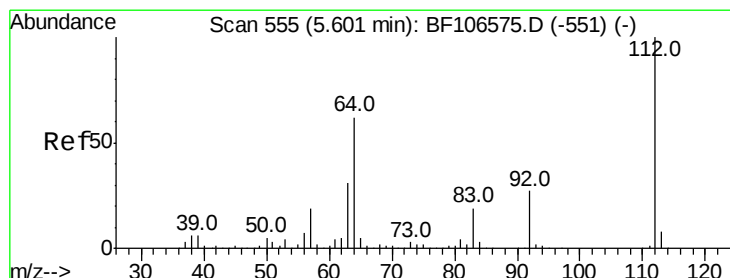
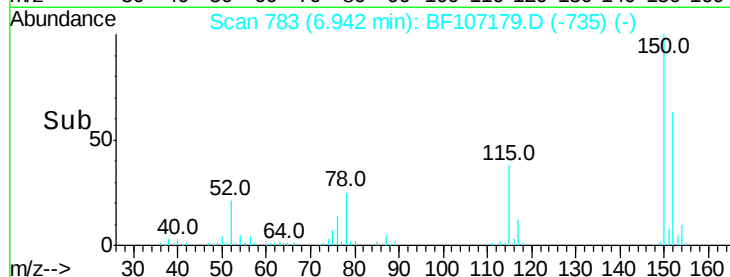
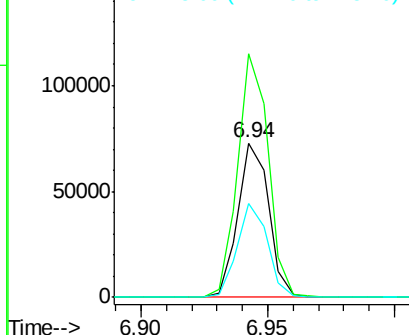
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.7	50.1	75.1

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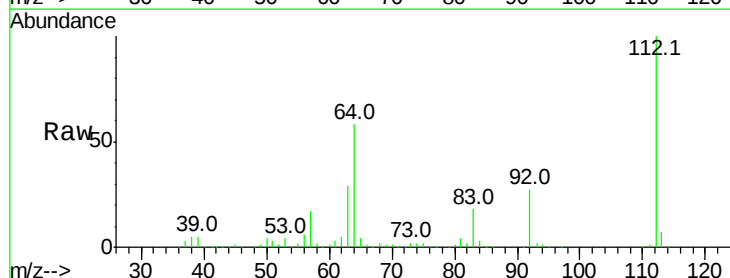
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



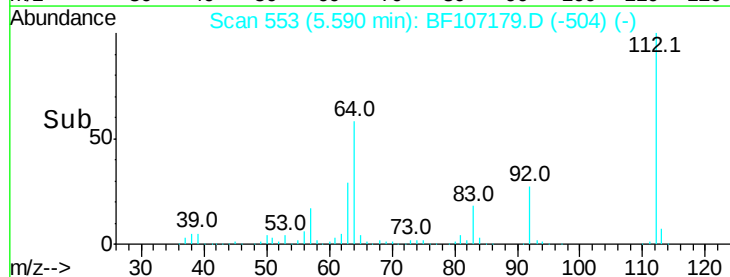
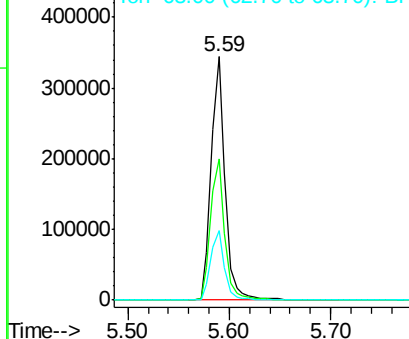
#5

2-Fluorophenol
Concen: 90.878 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	28.7	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: 94.533 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107179.D

Acq: 6 Jul 2018 18:07

Instrument :

BNA_F

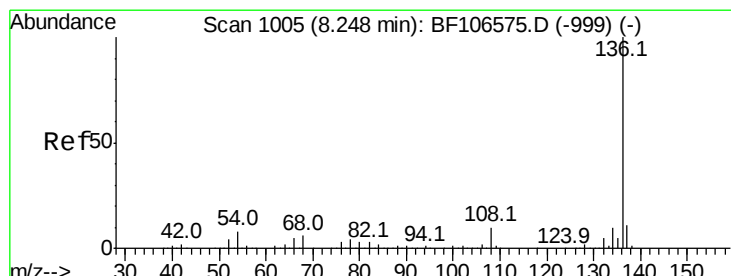
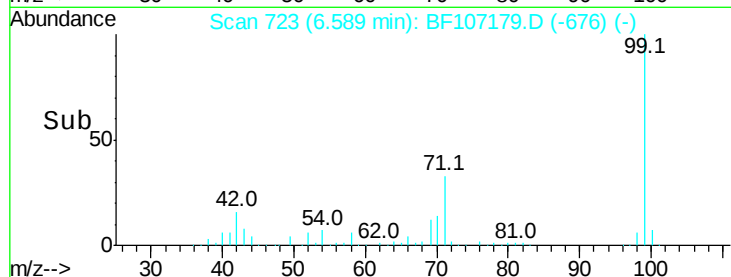
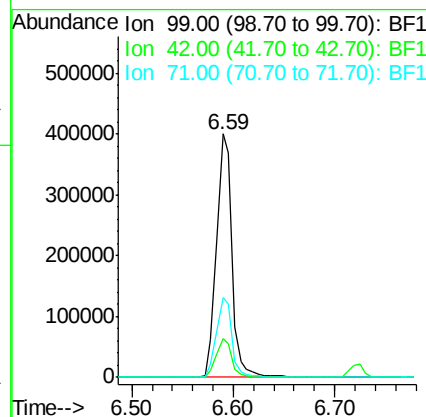
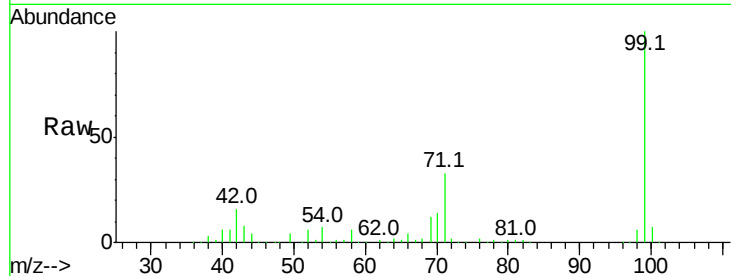
ClientSampled :

BU-03-070318

Tot Ion:	99	Resp:	429194
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

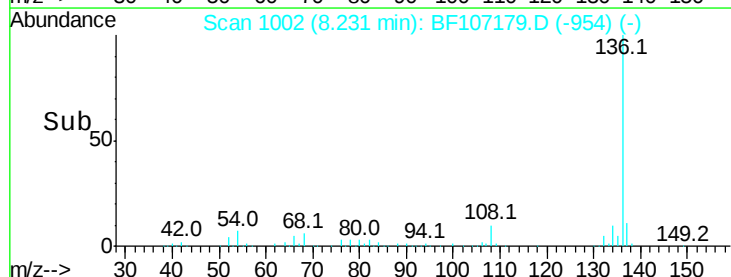
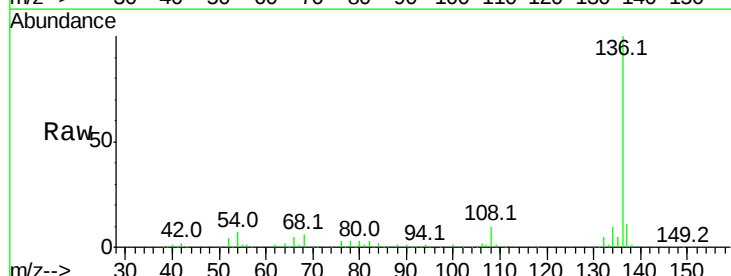
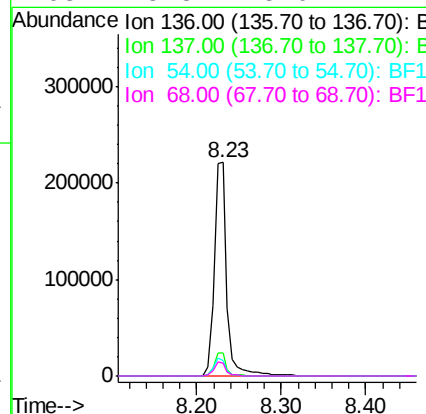
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107179.D

Acq: 6 Jul 2018 18:07

Tgt Ion:	136	Resp:	231634
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





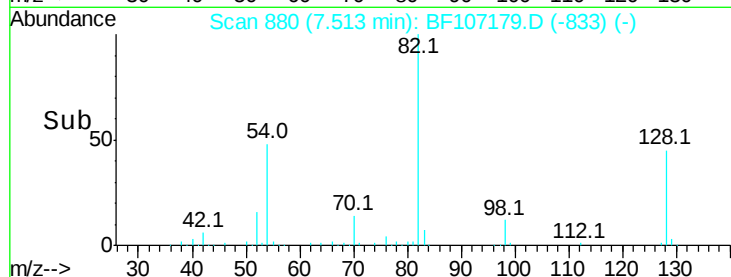
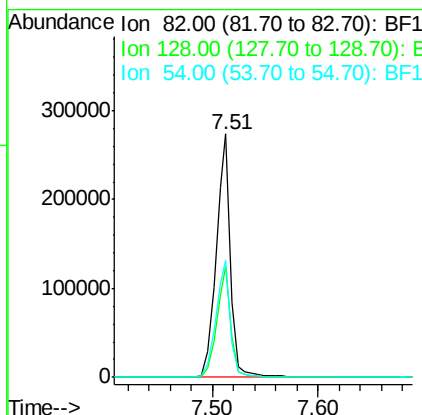
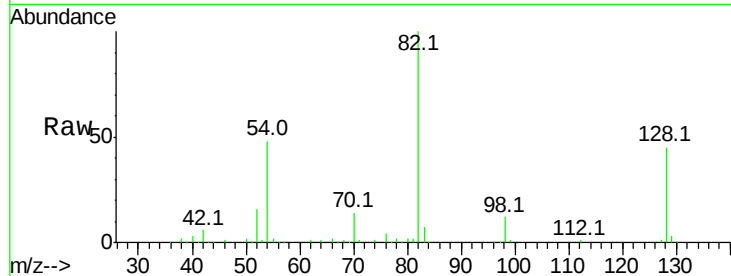
#23
 Nitrobenzene-d5
 Concen: 62.977 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-070318

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	48.1	41.4	62.2

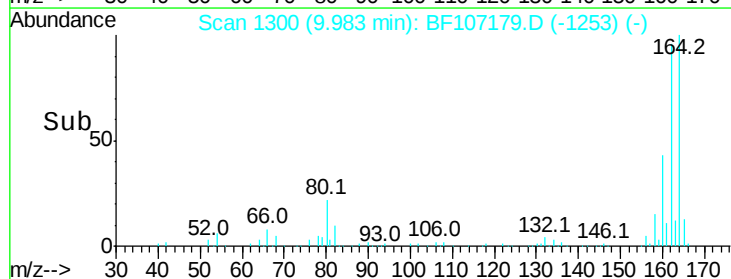
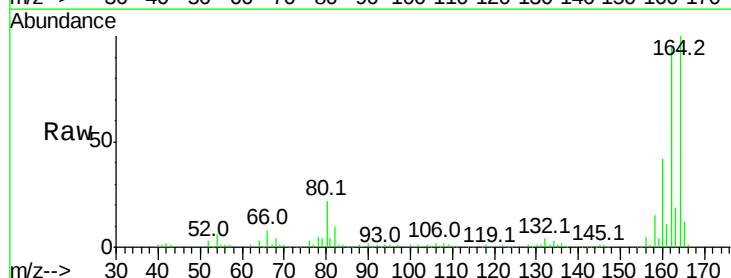
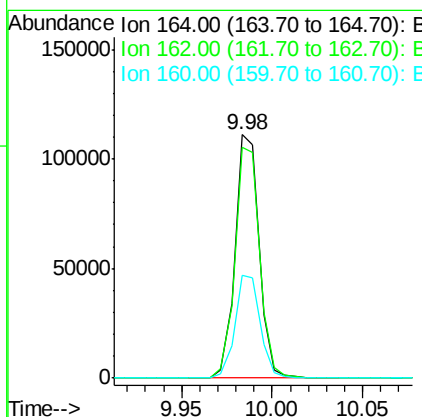
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.0	86.1	129.1
160	42.1	38.3	57.5





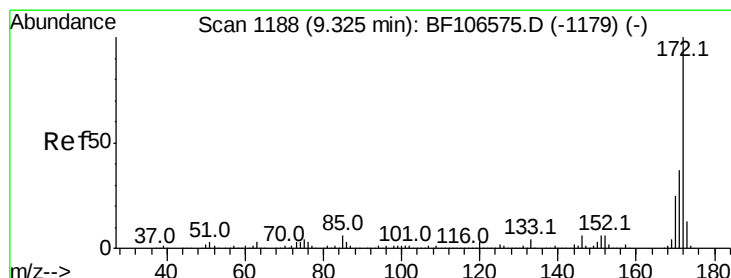
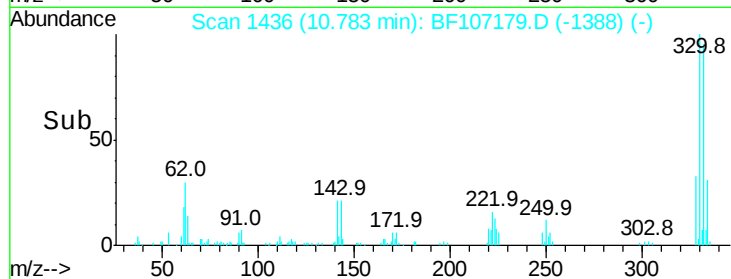
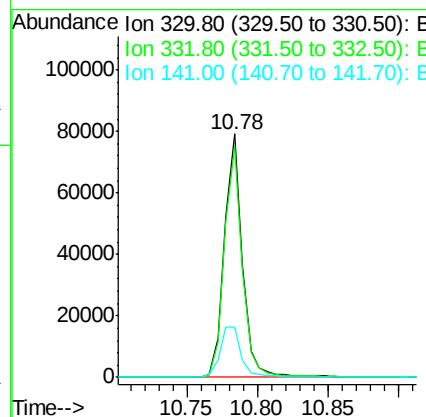
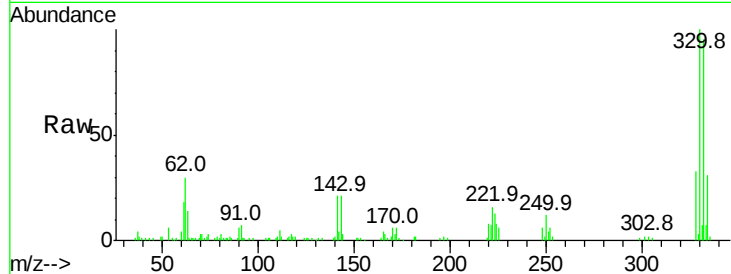
#41
 2,4,6-Tribromophenol
 Concen: 58.804 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-070318

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	24.3	29.9	44.9#

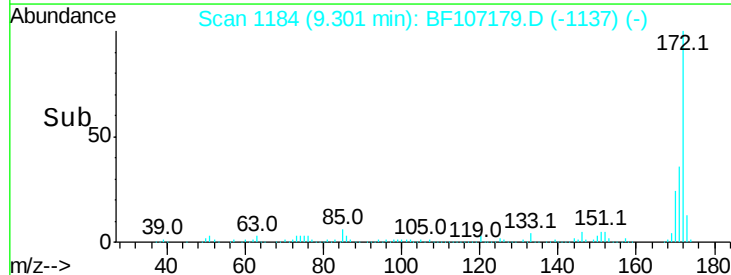
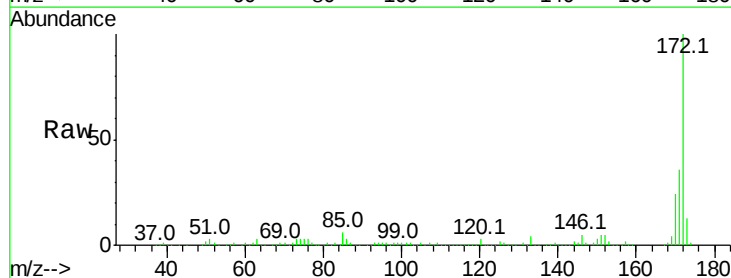
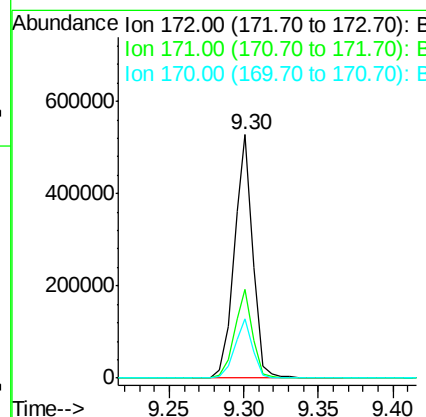
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#44
 2-Fluorobiphenyl
 Concen: 74.193 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 13.630 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107179.D

Acq: 6 Jul 2018 18:07

Instrument :

BNA_F

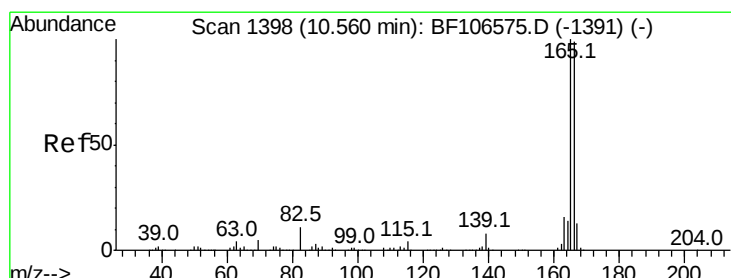
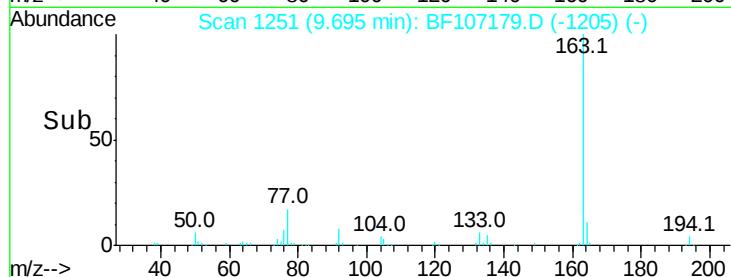
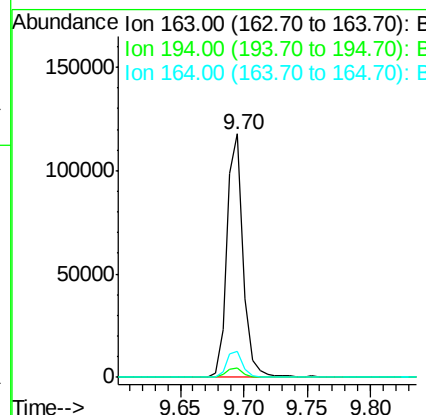
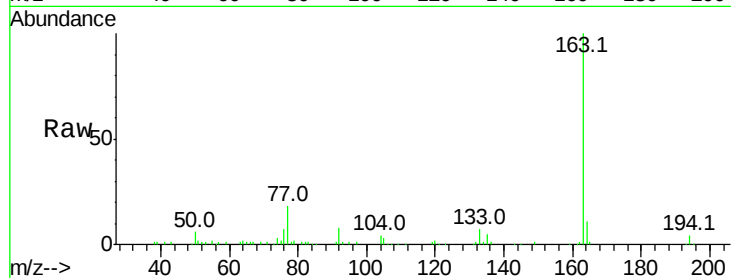
ClientSampleId :

BU-03-070318

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.6	8.2	12.2	

Manual Integrations
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#57

Fluorene

Concen: 2.192 ng

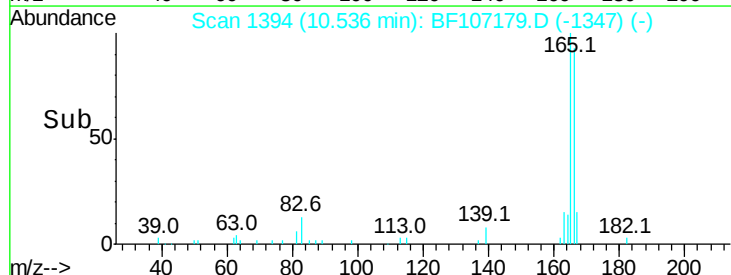
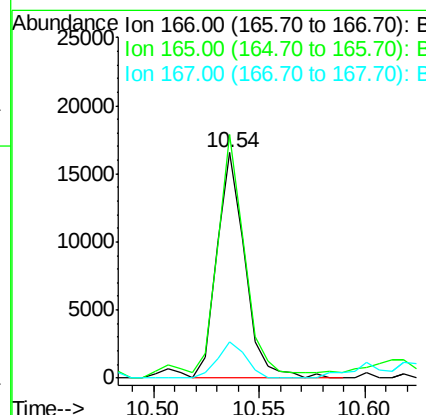
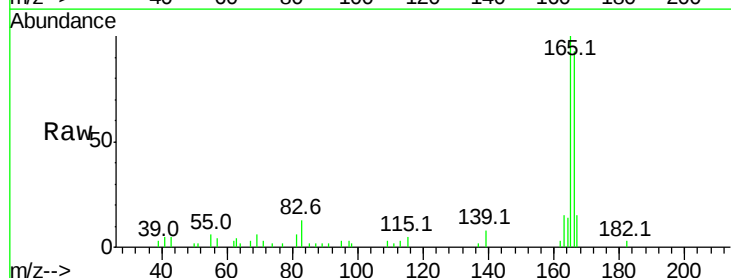
RT: 10.54 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF107179.D

Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	108.0	79.8	119.8	
167	16.2	10.6	16.0#	





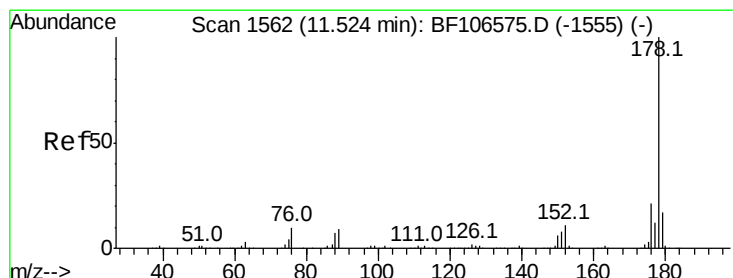
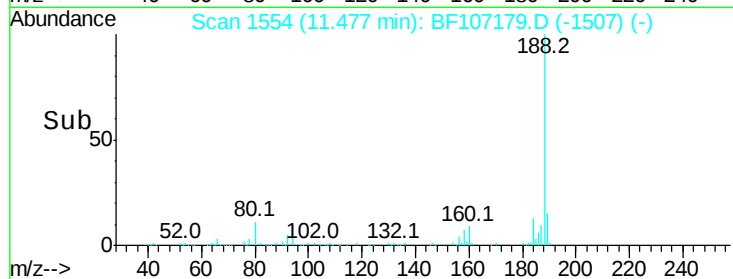
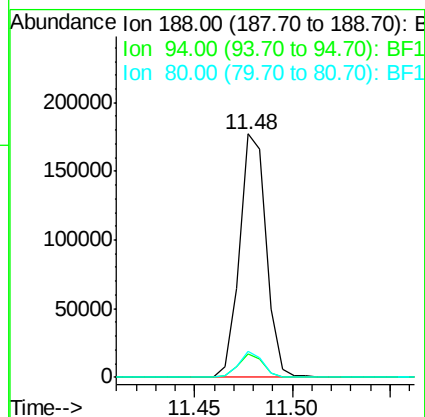
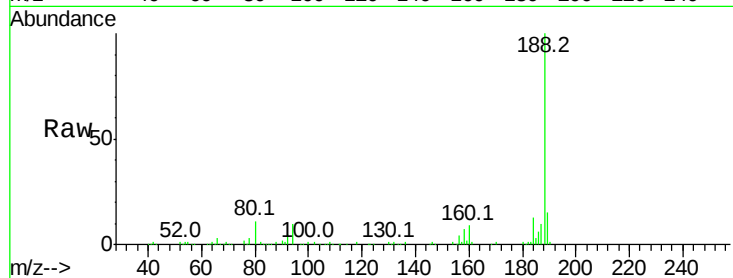
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-03-070318

Tot Ion:	188	Resp:	167896
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

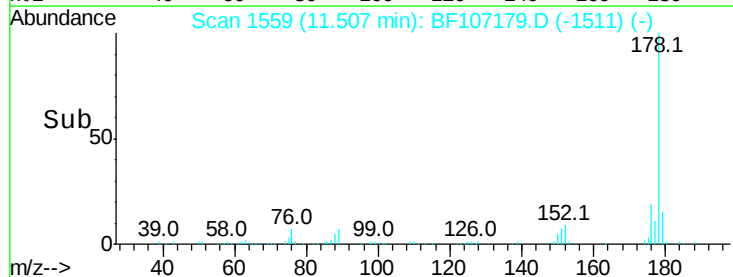
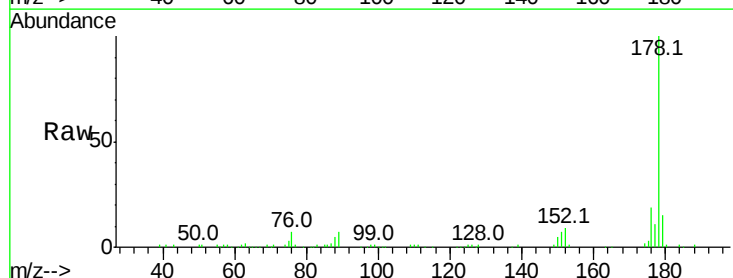
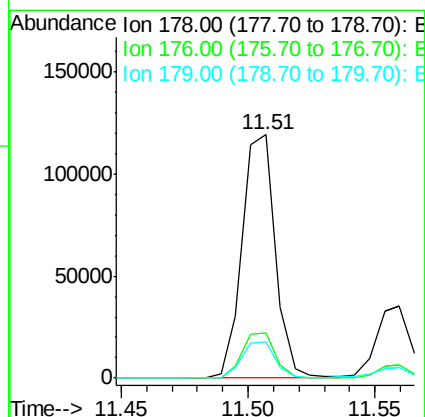
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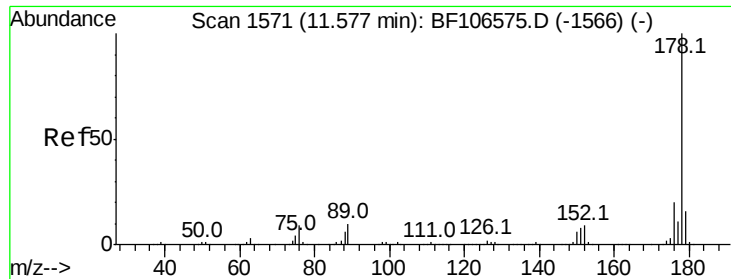
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#70
Phenanthrene
Concen: 13.470 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Tgt Ion:	178	Resp:	109082
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.8	23.8
179	14.9	13.0	19.6





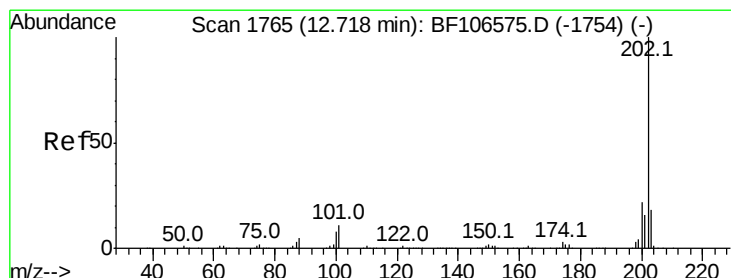
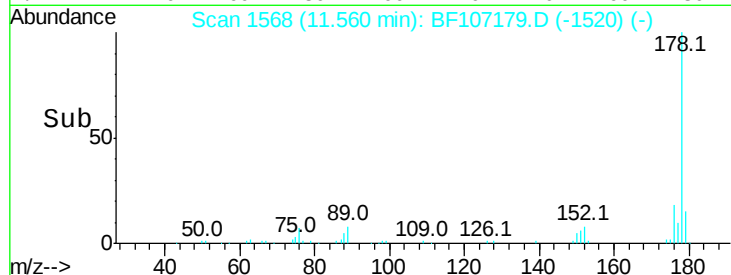
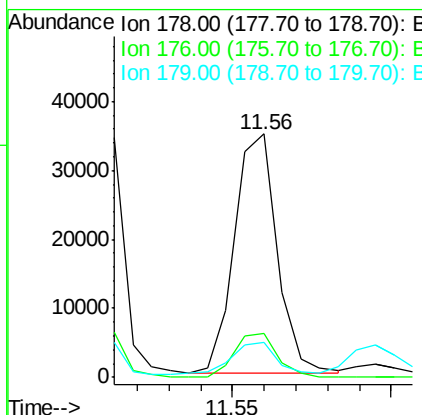
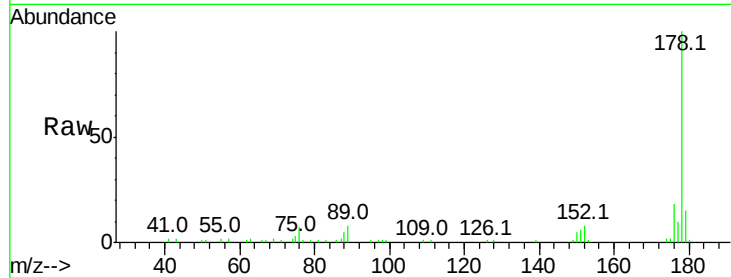
#71
 Anthracene
 Concen: 3.914 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-070318

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.6	12.6	19.0

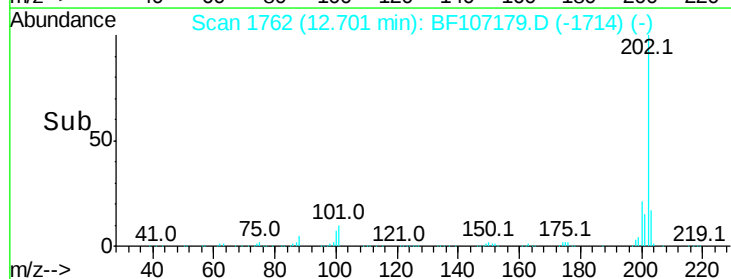
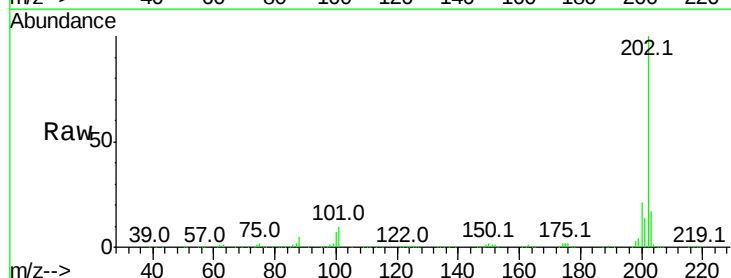
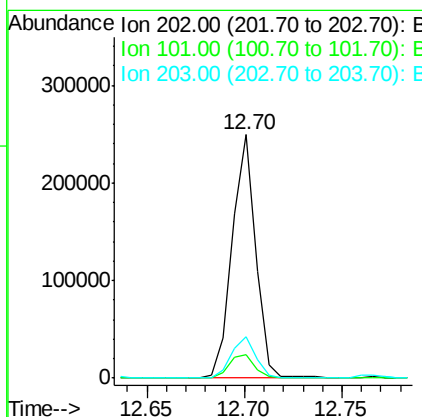
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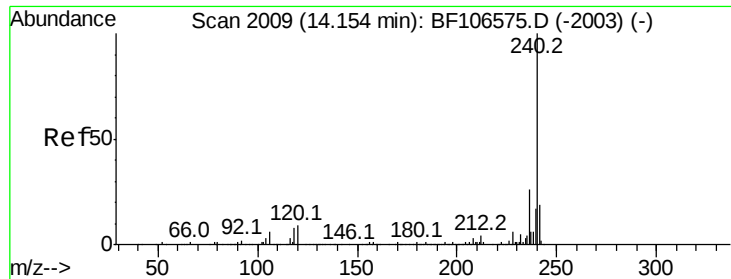
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#74
 Fluoranthene
 Concen: 23.394 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.2	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: BF107179.D

Acq: 6 Jul 2018 18:07

Instrument :

BNA_F

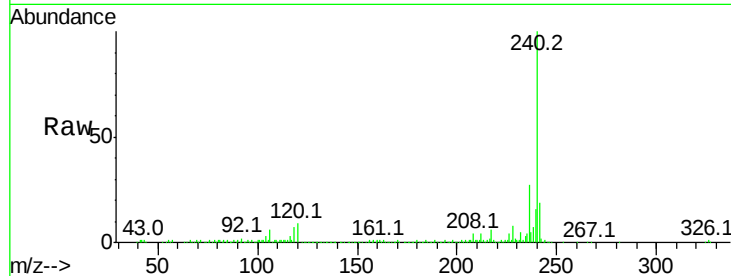
ClientSampleId :

BU-03-070318

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.5	20.7	31.1

Manual Integrations
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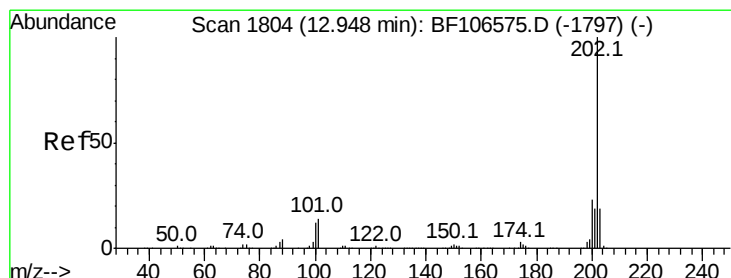
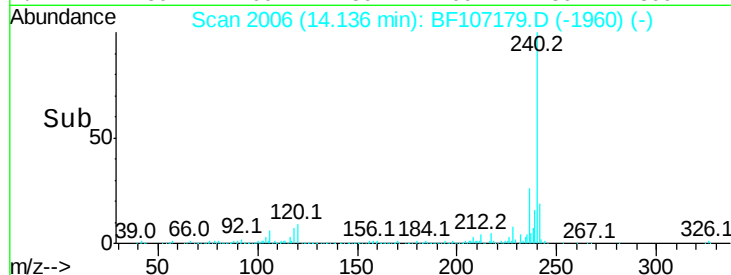
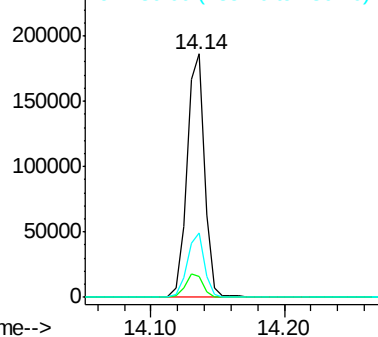
Sohil
7/9/2018 1:58:30 PM



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: 17.000 ng

RT: 12.93 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF107179.D

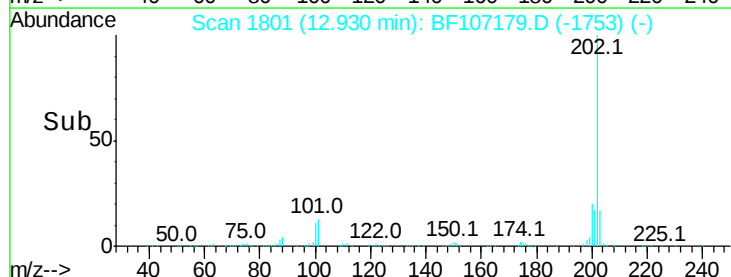
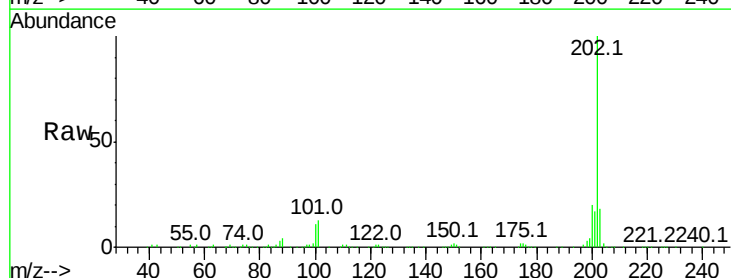
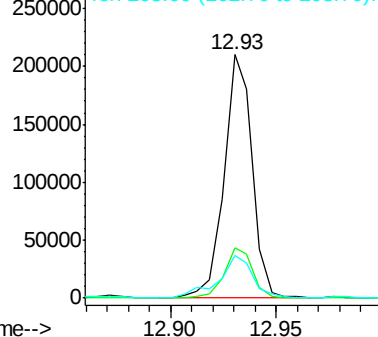
Acq: 6 Jul 2018 18:07

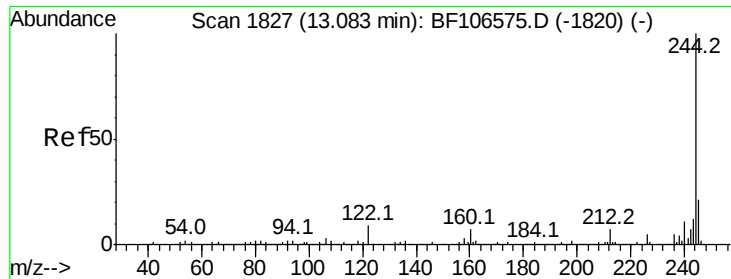
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.6	14.3	21.5

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





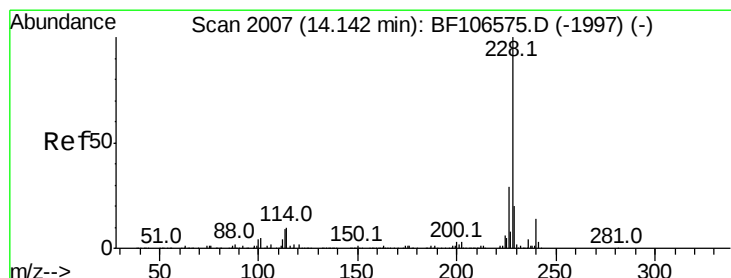
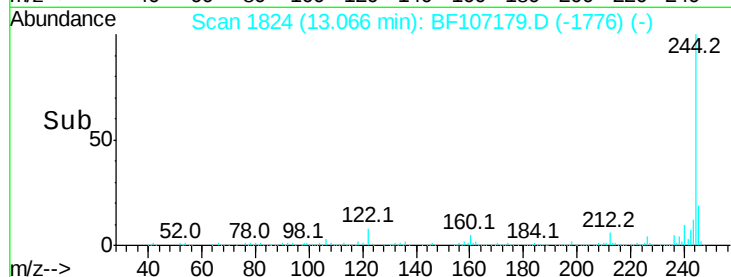
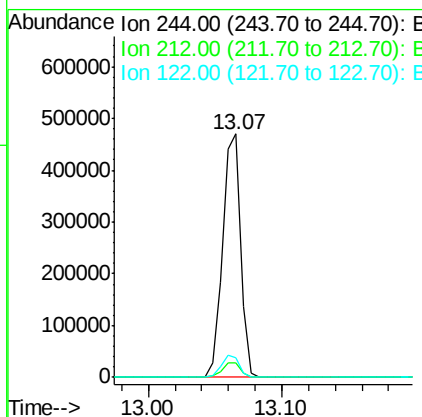
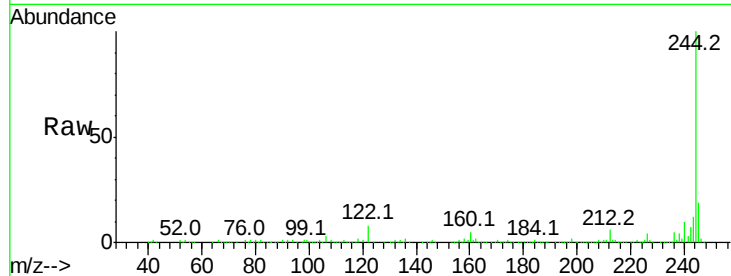
#78
 Terphenyl-d14
 Concen: 62.869 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-070318

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	7.9	11.0	16.4#

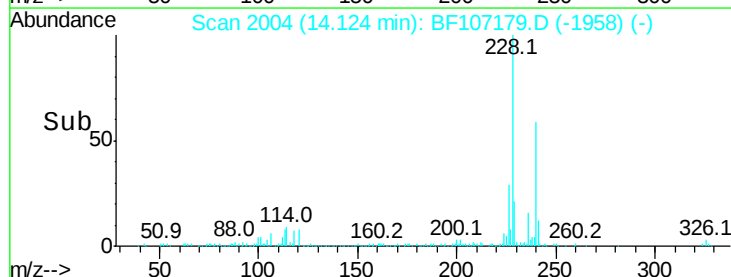
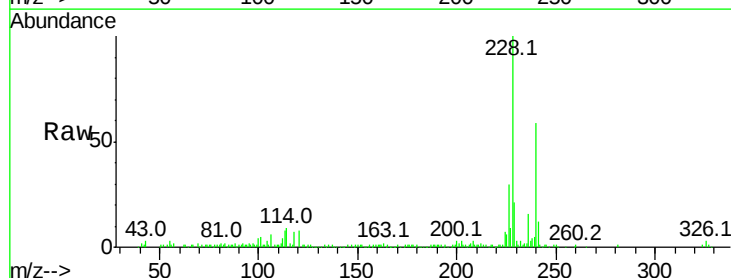
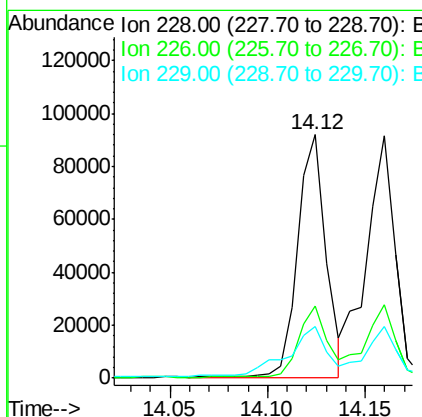
Manual Integrations
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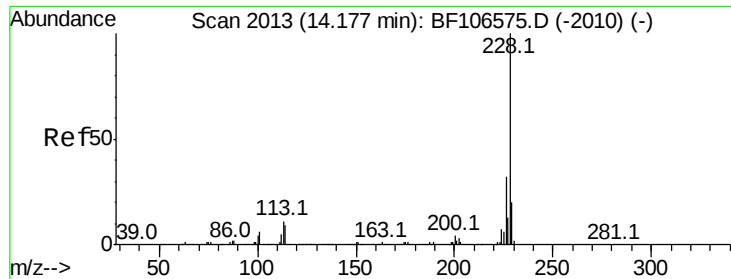
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 7/9/2018 1:58:30 PM



#80
 Benzo(a)anthracene
 Concen: 8.637 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107179.D
 Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.1	15.8	23.6





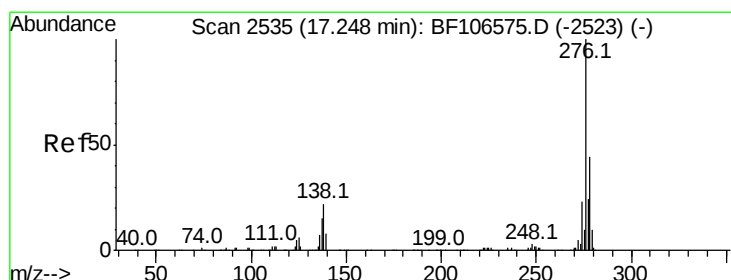
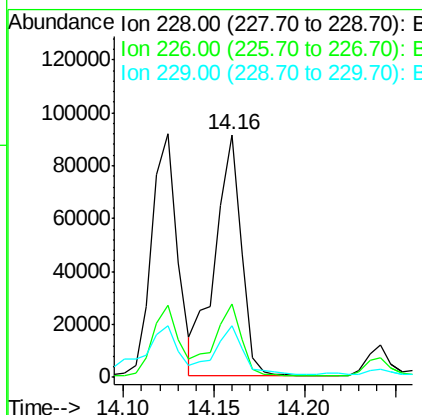
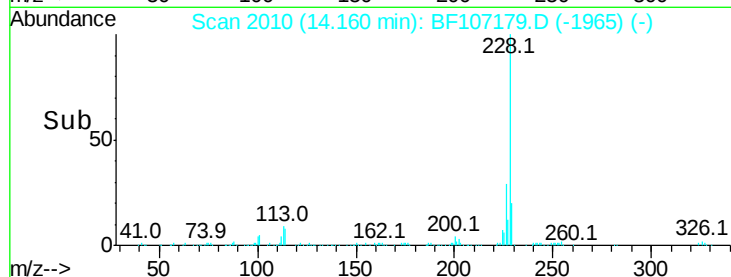
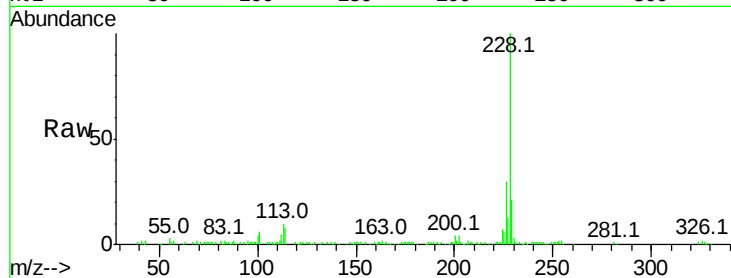
#82
Chrysene
Concen: 9.562 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
BU-03-070318

Tot Ion:	228	Resp:	93191
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	21.1	16.2	24.4

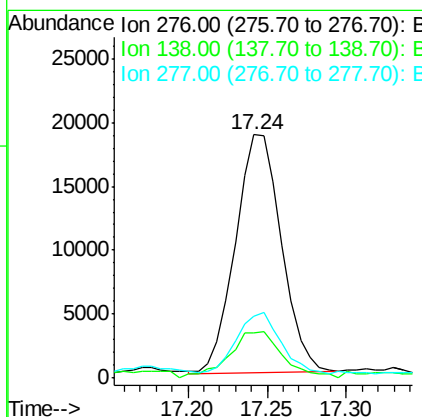
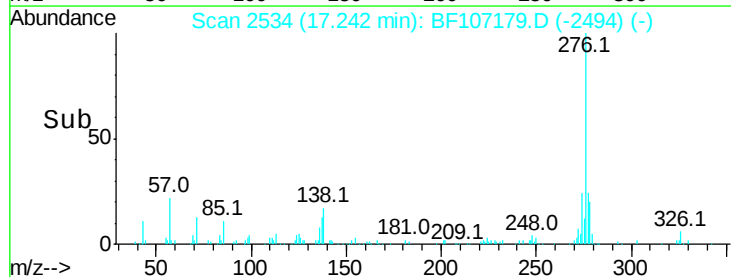
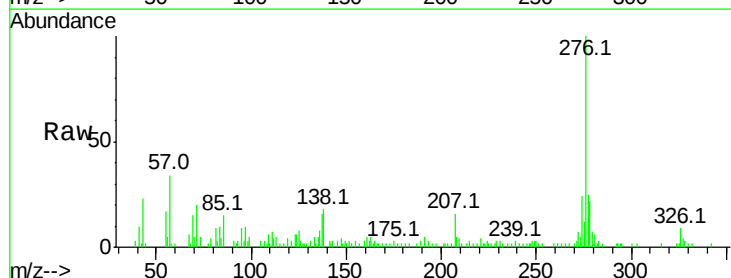
Manual Integrations
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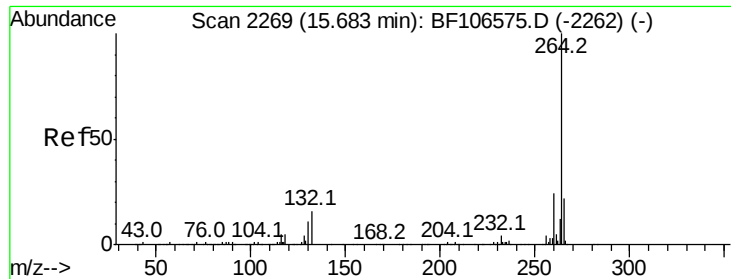
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.539 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Tgt Ion:	276	Resp:	37545
Ion Ratio	Lower	Upper	
276	100		
138	22.7	25.0	37.6#
277	24.9	20.1	30.1





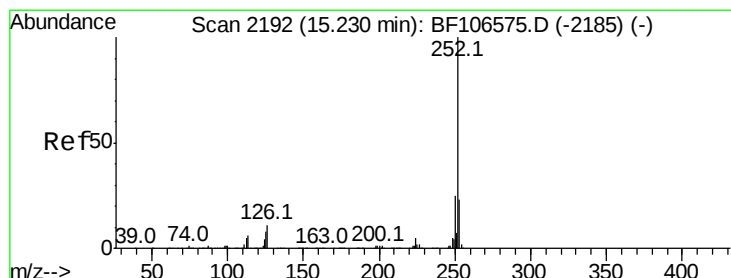
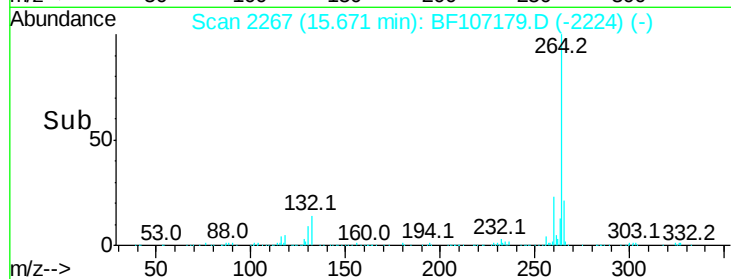
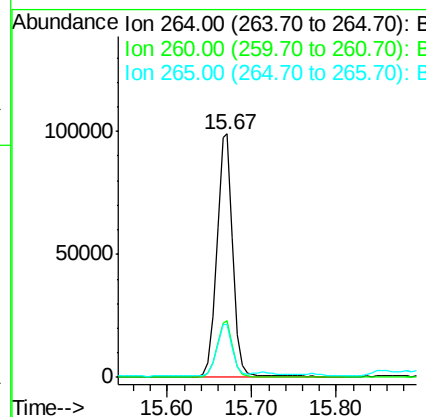
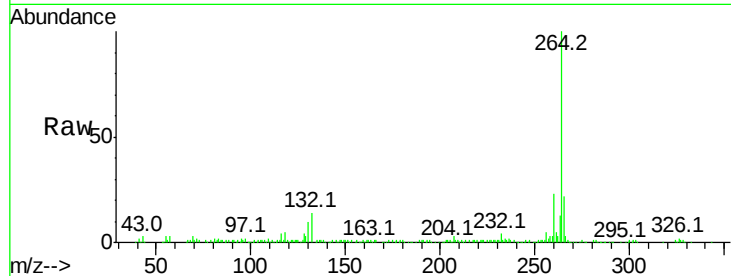
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Instrument :
BNA_F
ClientSampled :
BU-03-070318

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

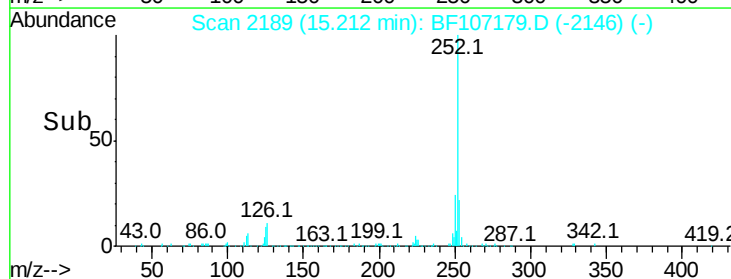
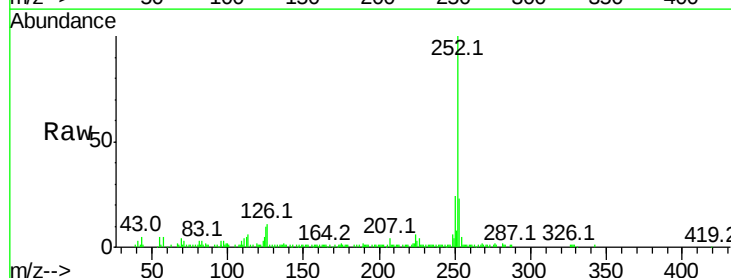
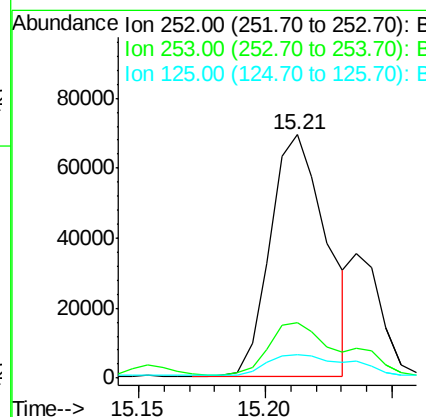
Manual Integrations
APPROVED

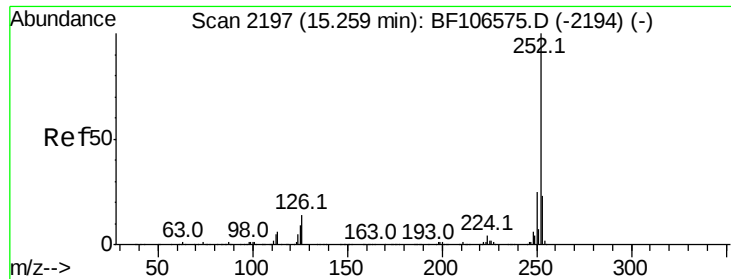
Sohil
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#87
Benzo(b)fluoranthene
Concen: 12.756 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.6	9.0	13.6





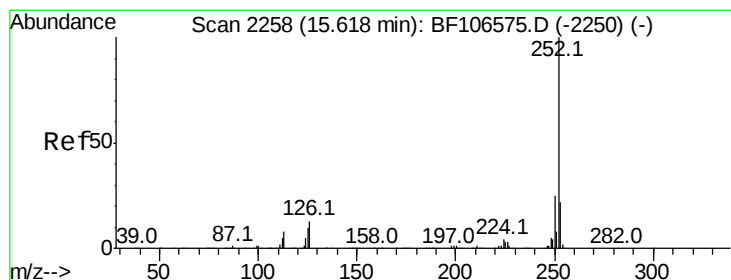
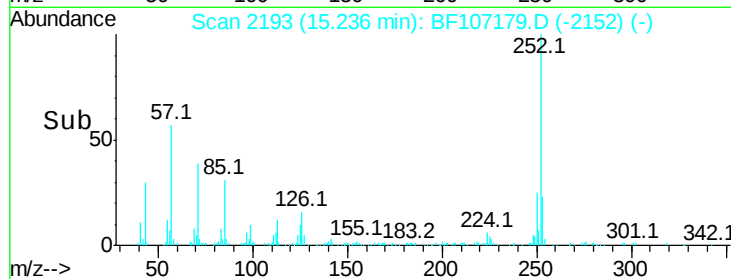
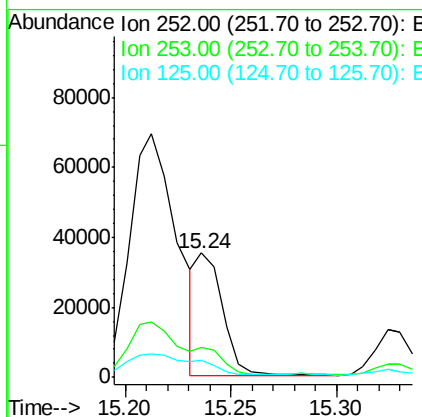
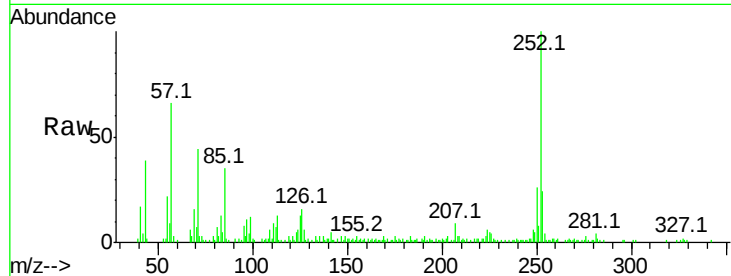
#88
Benzo(k)fluoranthene
Concen: 3.817 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Instrument :
BNA_F
ClientSampled :
BU-03-070318

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	13.3	10.2	15.2

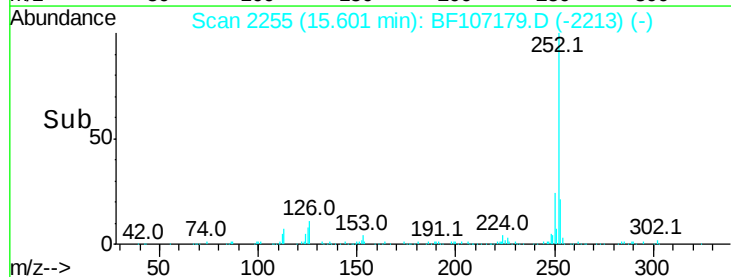
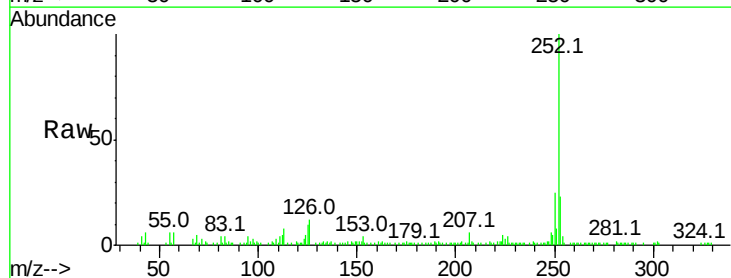
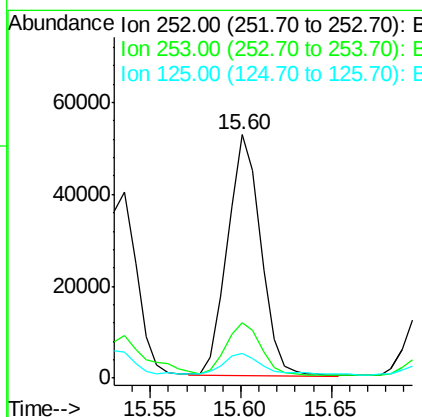
Manual Integrations
APPROVED

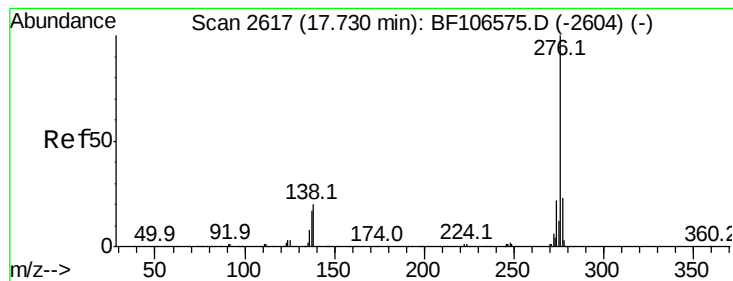
Sohil
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#89
Benzo(a)pyrene
Concen: 9.081 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107179.D
Acq: 6 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.0	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 6.668 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107179.D

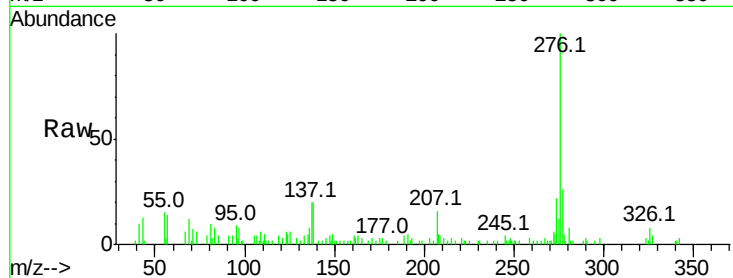
Acq: 6 Jul 2018 18:07

Instrument :

BNA_F

ClientSampleId :

BU-03-070318



Tot Ion:	276	Resp:	41012
Ion Ratio	Lower	Upper	
276	100		
277	25.9	17.9	26.9
138	19.6	21.8	32.8#

Manual Integrations
APPROVED

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7/9/2018 1:58:30 PM

