

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107380.D
 Acq On : 13 Jul 2018 21:55
 Operator : JU/SJ
 Sample : J3948-01DL 125X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Manual Integrations
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Sohil
 7/16/2018 3:22:41 PM

Quant Time: Jul 16 11:32:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	40953	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	146068	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	70437	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	151765	20.00	ng	0.00
75) Chrysene-d12	14.13	240	139913	20.00	ng	0.00
86) Perylene-d12	15.67	264	102355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286	0.12	ng	0.05
7) Phenol-d6	6.63	99	107	0.04	ng	0.05
23) Nitrobenzene-d5	7.52	82	234	0.09	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.05	244	3689	0.64	ng	0.00
Target Compounds						
48) Acenaphthylene	9.84	152	38738	5.553	ng	Qvalue 100
70) Phenanthrene	11.50	178	195125	26.657	ng	98
71) Anthracene	11.55	178	48044	6.430	ng	99
74) Fluoranthene	12.69	202	318917	39.528	ng	95
77) Pyrene	12.93	202	444650	48.194	ng	99
80) Benzo(a)anthracene	14.12	228	160871	18.865	ng	95
82) Chrysene	14.16	228	147583	18.812	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	62092	9.327	ng	# 87
87) Benzo(b)fluoranthene	15.21	252	131483m	20.679	ng	
88) Benzo(k)fluoranthene	15.24	252	38258m	6.318	ng	
89) Benzo(a)pyrene	15.60	252	80509m	14.244	ng	
90) Dibenzo(a,h)anthracene	17.25	278	13960m	2.914	ng	
91) Benzo(a,h,i)perylene	17.75	276	69328	14.807	ng	# 92

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

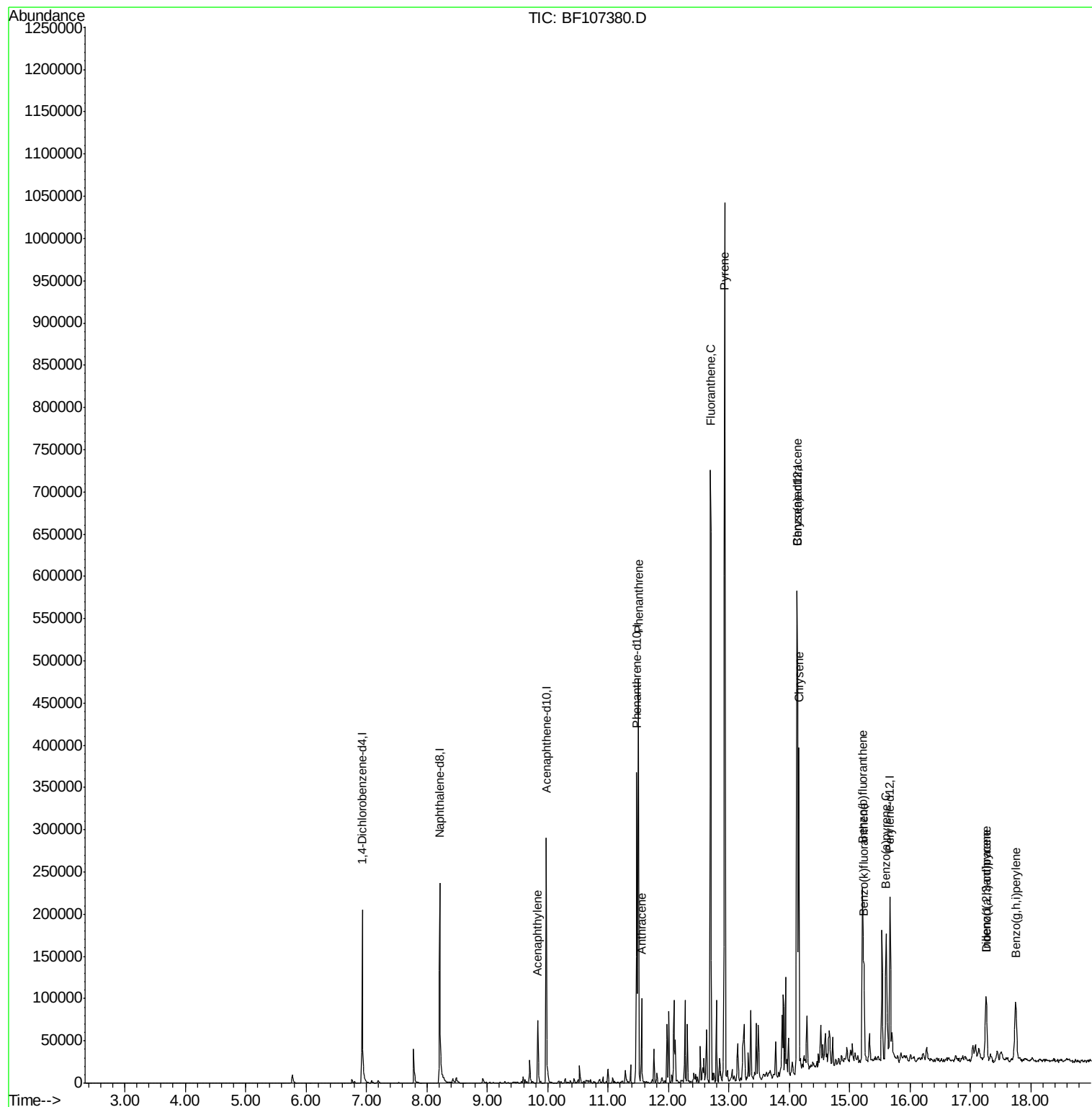
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107380.D
Acq On : 13 Jul 2018 21:55
Operator : JU/SJ
Sample : J3948-01DL 125X
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ALS Vial : 25 Sample Multiplier: 1

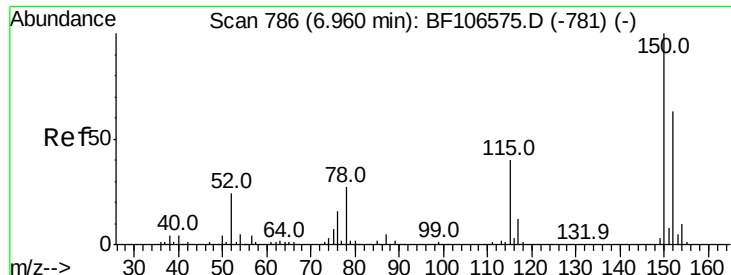
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

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#1

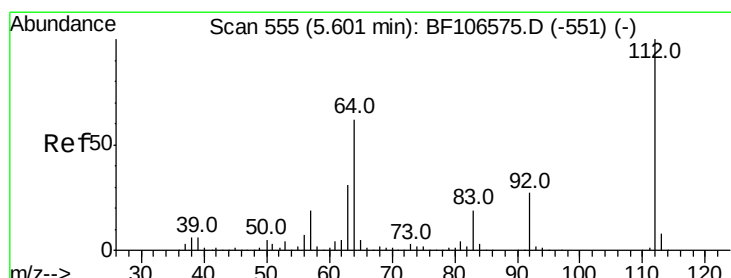
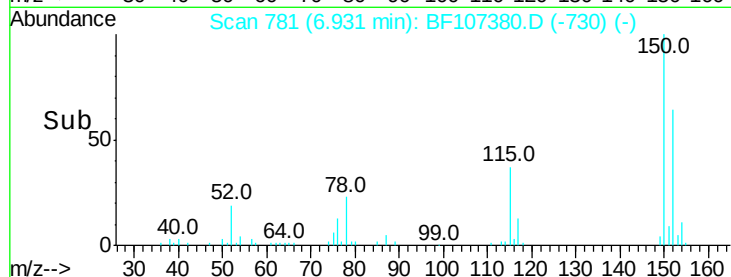
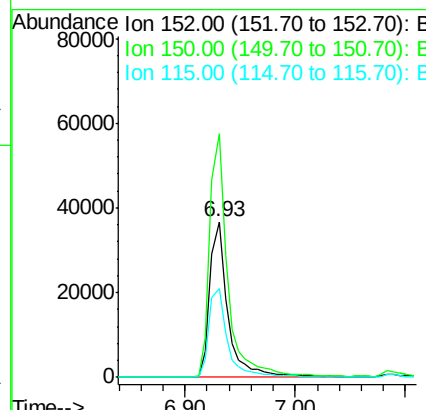
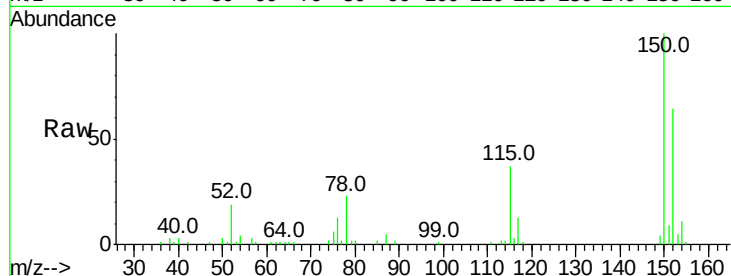
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	57.3	50.1	75.1

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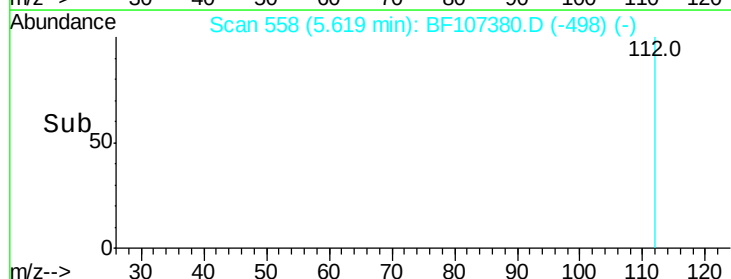
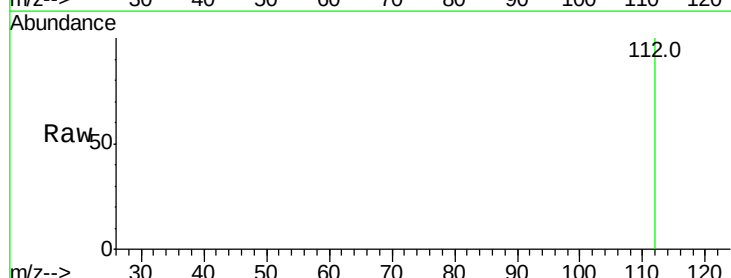
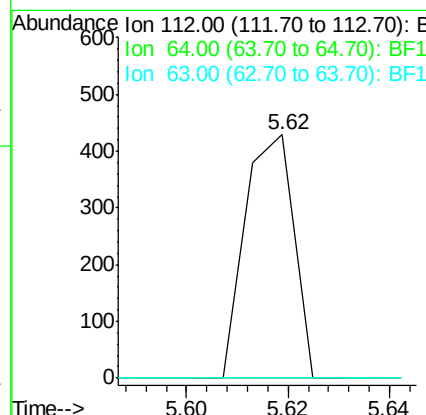
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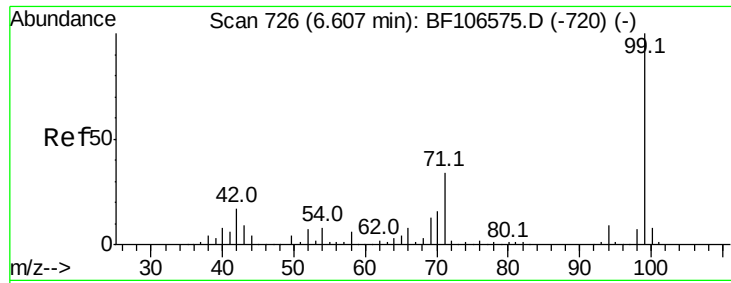


#5

2-Fluorophenol
Concen: 0.118 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.05 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#





#7

Phenol-d6

Concen: 0.035 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.05 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Instrument :

BNA_F

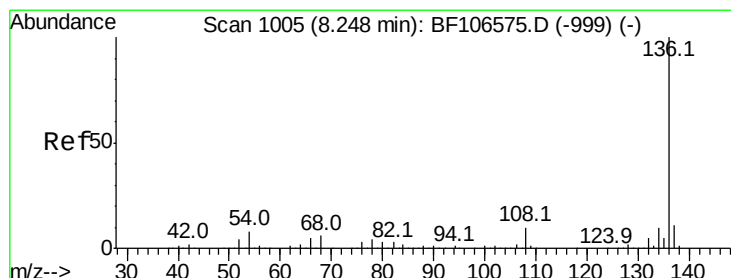
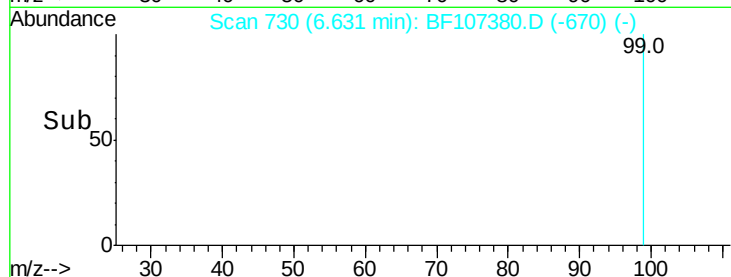
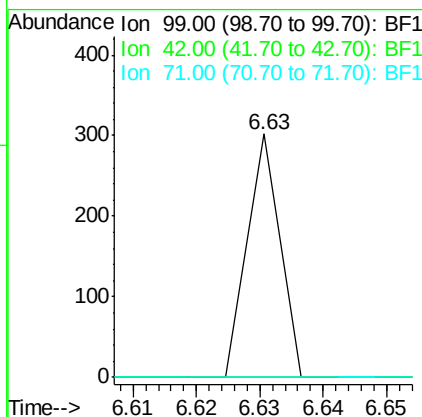
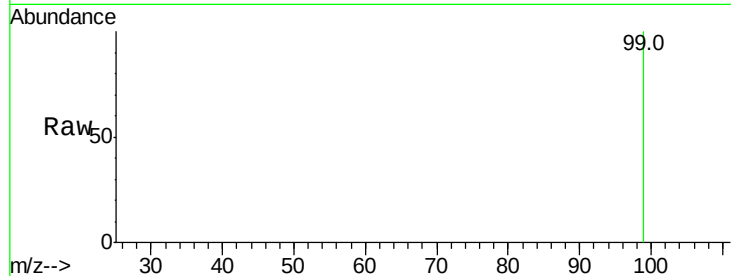
ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:	99	Resp:	107
Ion Ratio	Lower	Upper	
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

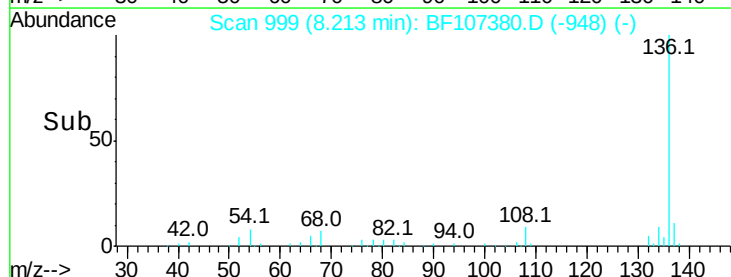
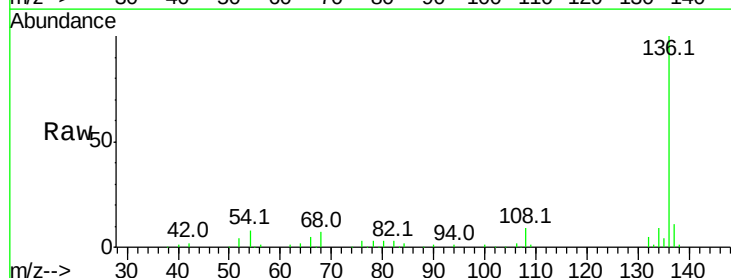
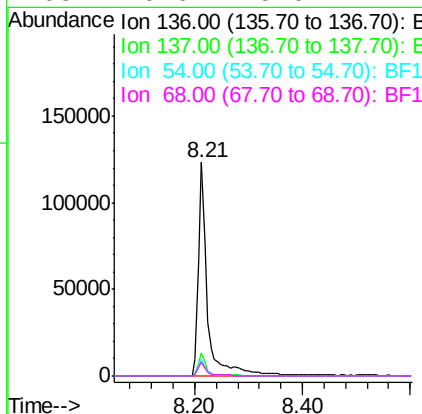
RT: 8.21 min Scan# 999

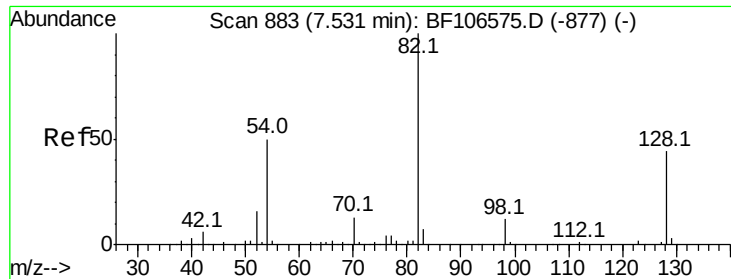
Delta R.T. -0.00 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Tgt Ion:	136	Resp:	146068
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4





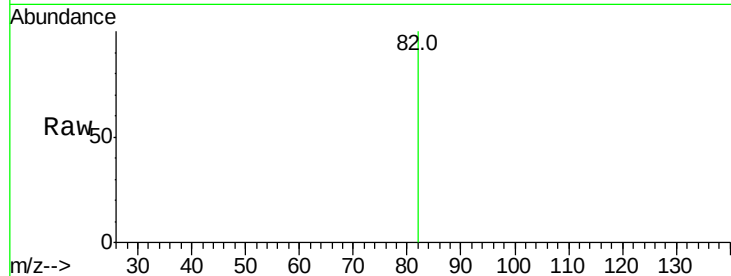
#23
 Nitrobenzene-d5
 Concen: 0.089 ng
 RT: 7.52 min Scan# 881
 Delta R.T. 0.02 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

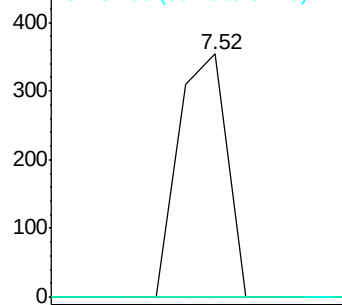
Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	36.1	54.1#
54	0.0	41.4	62.2#

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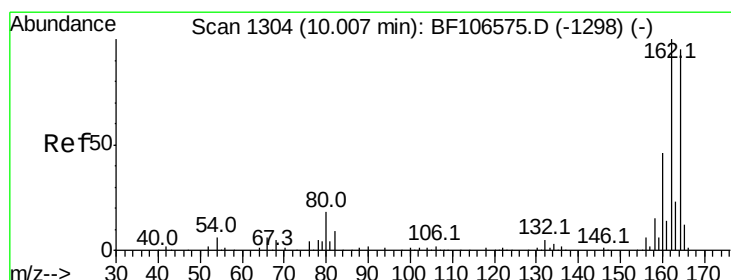
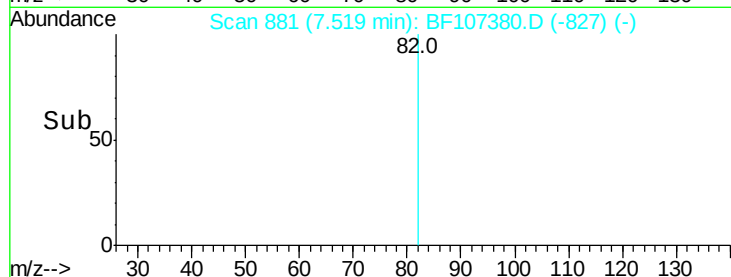
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Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1



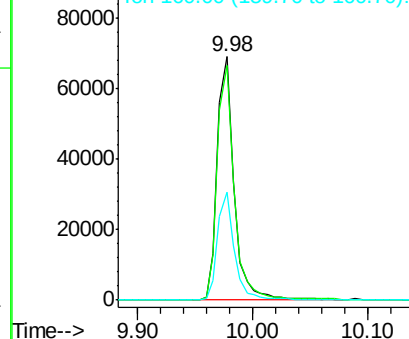
Time-->



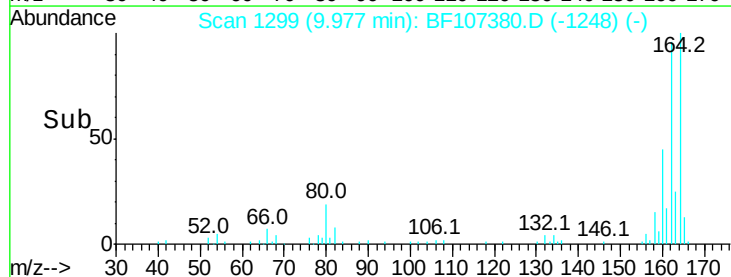
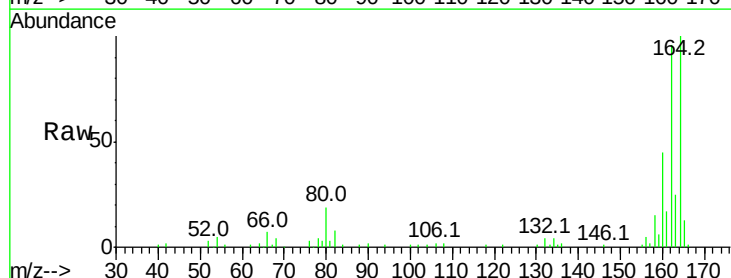
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

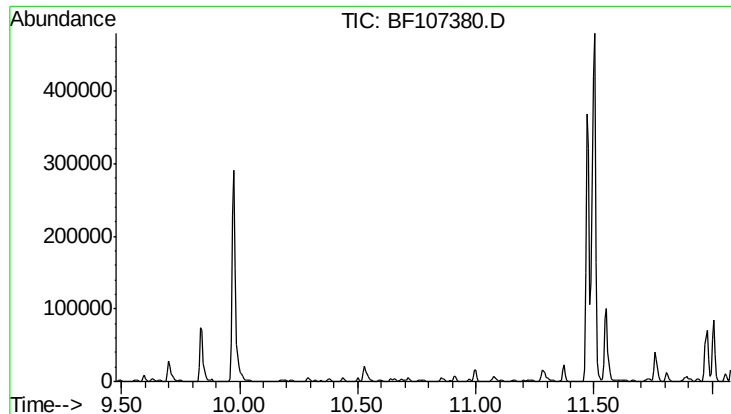
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	44.5	38.3	57.5

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



Time-->





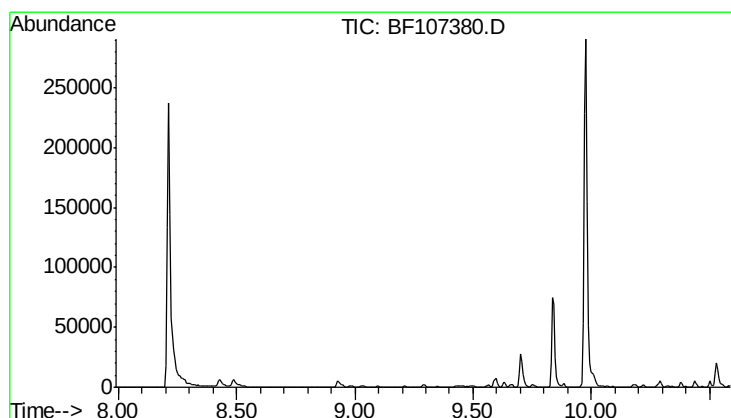
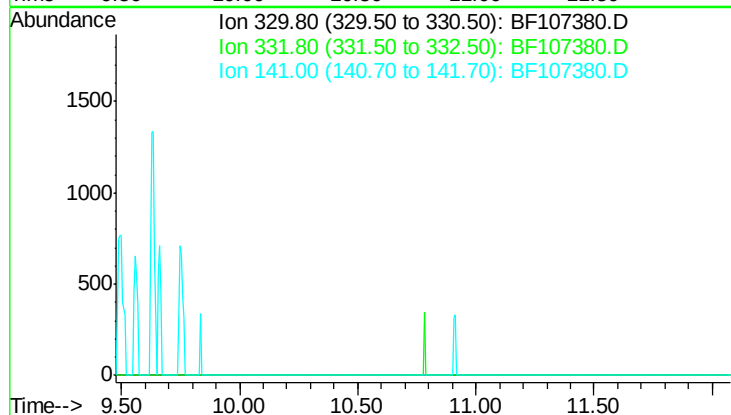
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.78 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Tot Ion	330	332	141
Sig	100	96.3	37.4
Exp Ratio			

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

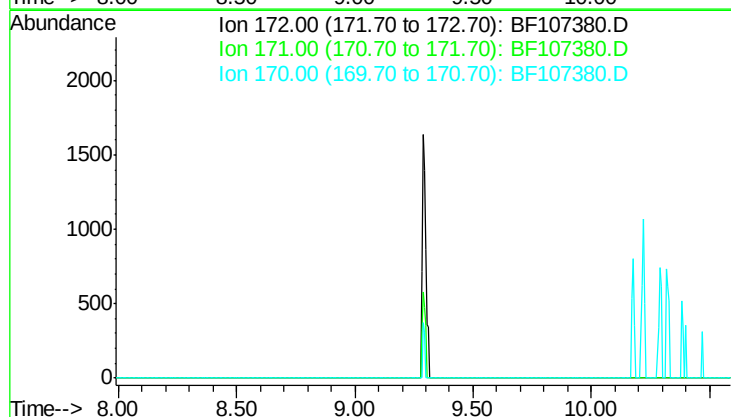
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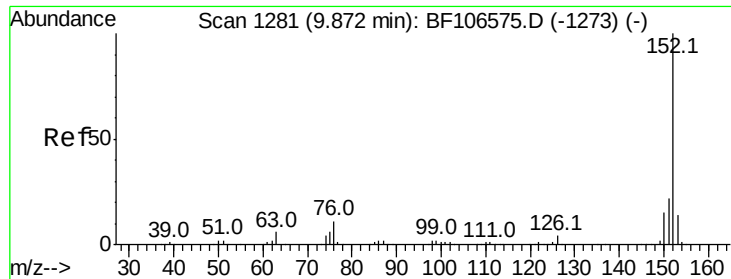
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#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.29 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Tgt Ion	172	171	170
Sig	100	37.1	24.5
Exp Ratio			





#48

Acenaphthylene

Concen: 5.553 ng

RT: 9.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Instrument :

BNA_F

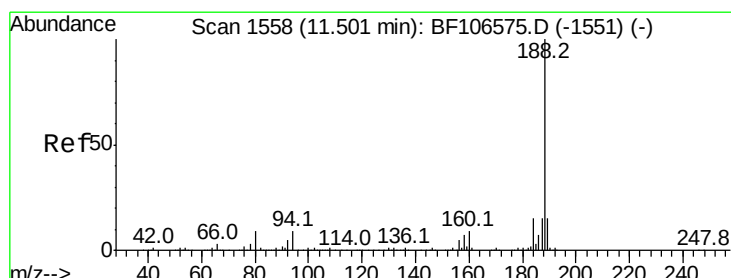
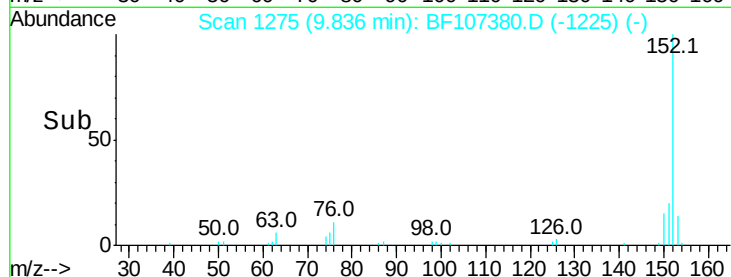
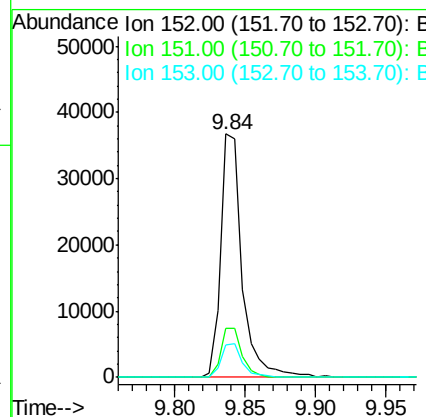
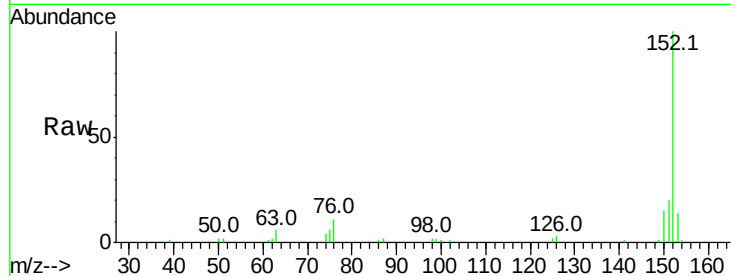
ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:	152	Resp:	38738
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.5	10.7	16.1

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

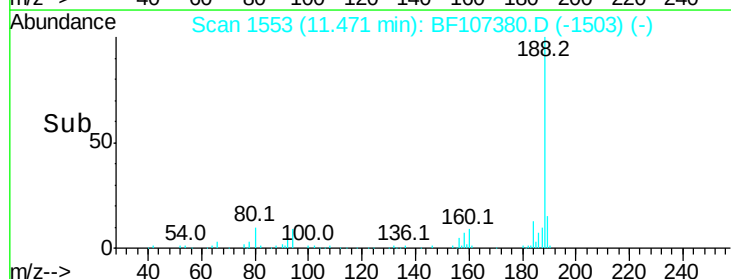
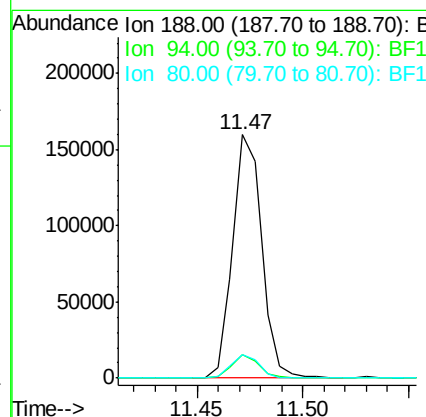
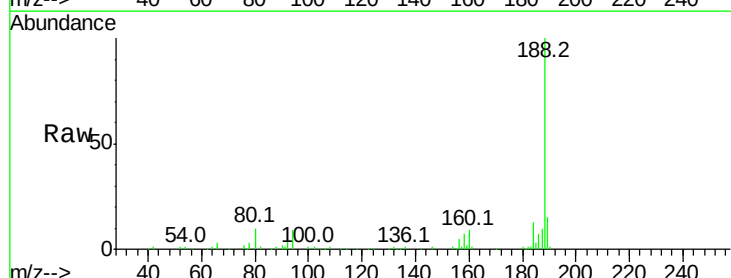
RT: 11.47 min Scan# 1553

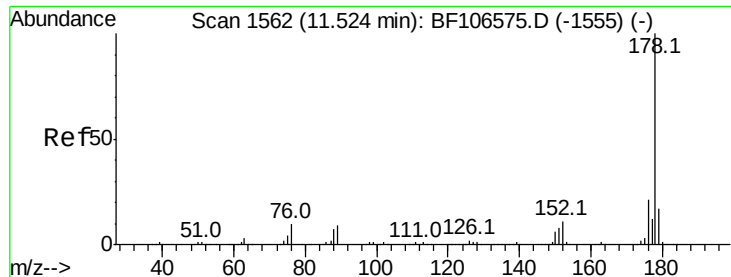
Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Tgt Ion:	188	Resp:	151765
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8





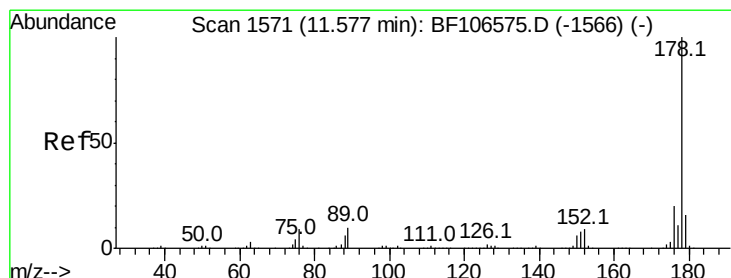
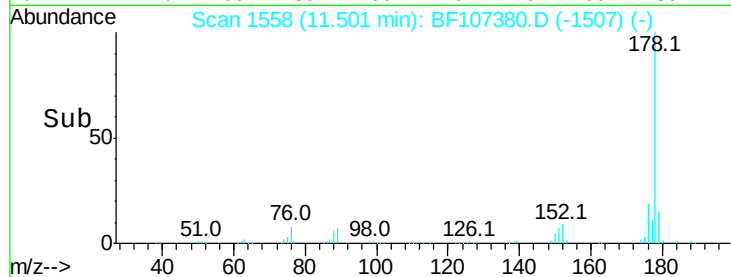
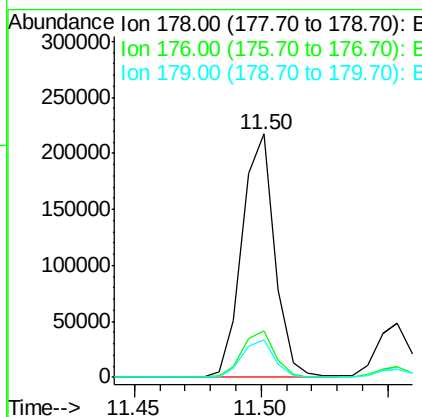
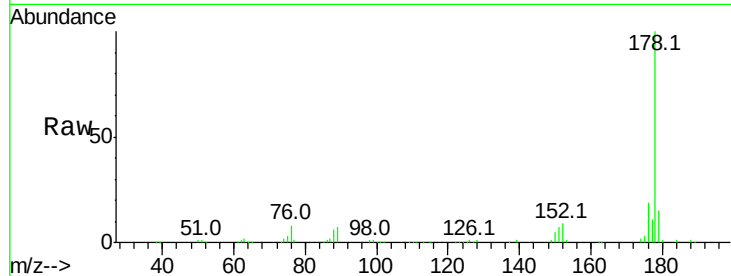
#70
Phenanthrene
Concen: 26.657 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion	Ratio	Resp	Lower	Upper
178	100	195125		
176	19.1	15.8	23.8	
179	15.3	13.0	19.6	

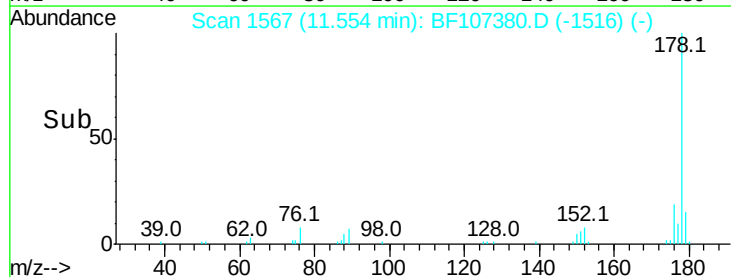
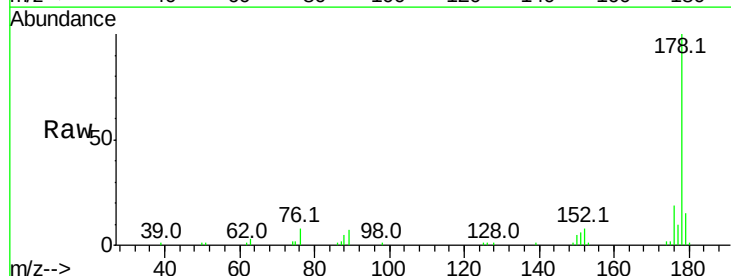
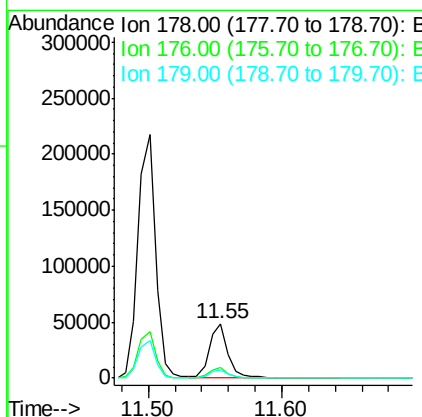
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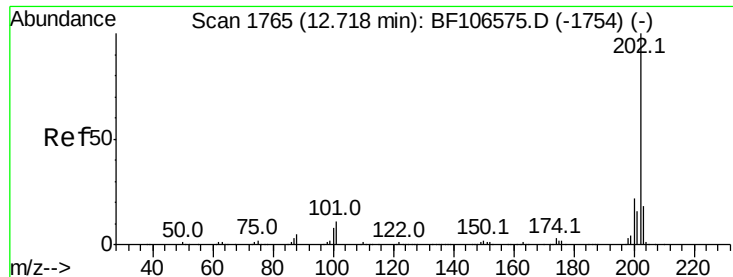
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#71
Anthracene
Concen: 6.430 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48044		
176	19.1	15.4	23.2	
179	15.1	12.6	19.0	





#74

Fluoranthene

Concen: 39.528 ng

RT: 12.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Instrument :

BNA_F

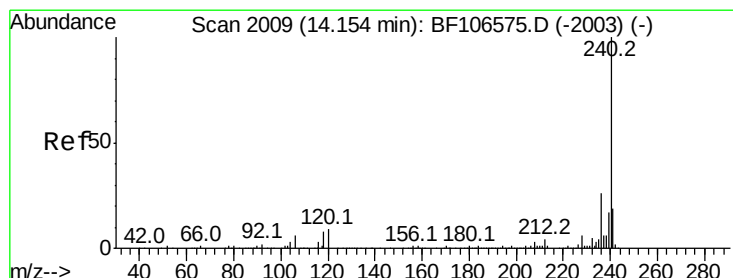
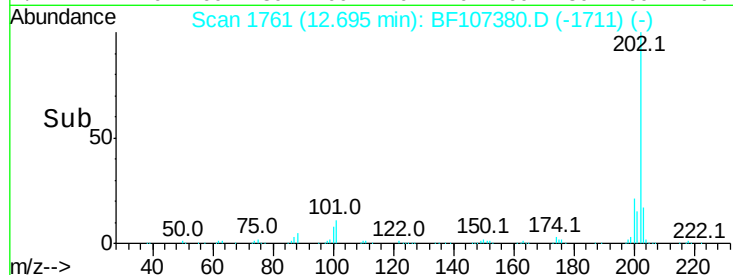
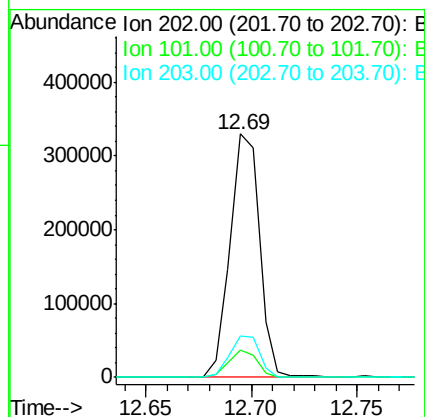
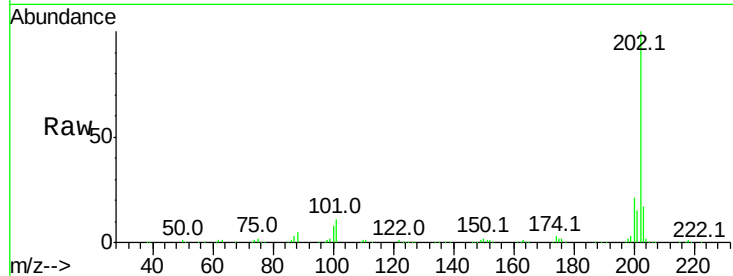
ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion	Ratio	Resp	Lower	Upper
202	100	318917		
101	11.1	0.0	34.1	
203	17.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

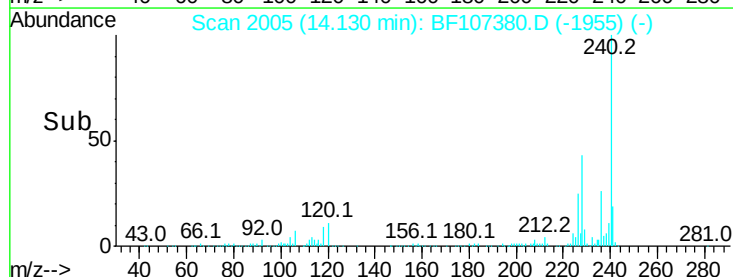
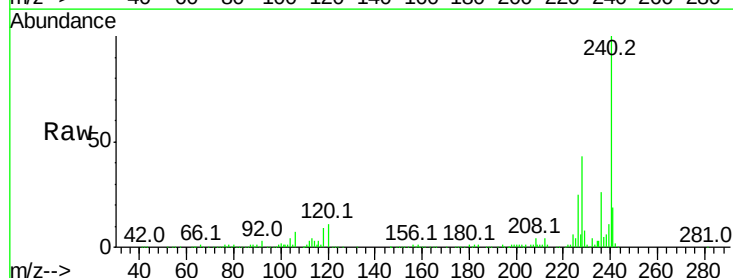
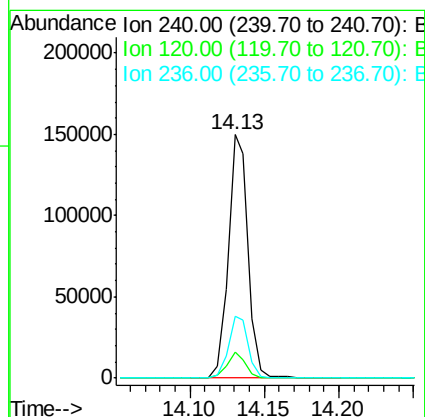
RT: 14.13 min Scan# 2005

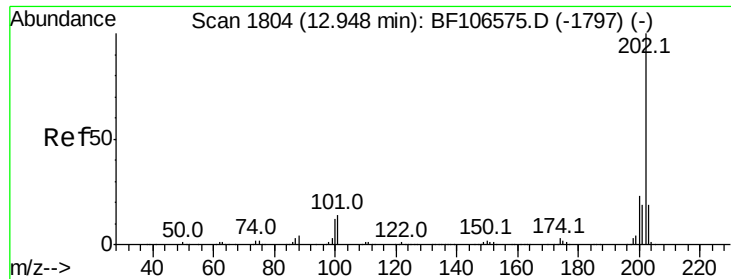
Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	139913		
120	10.7	9.5	14.3	
236	25.5	20.7	31.1	





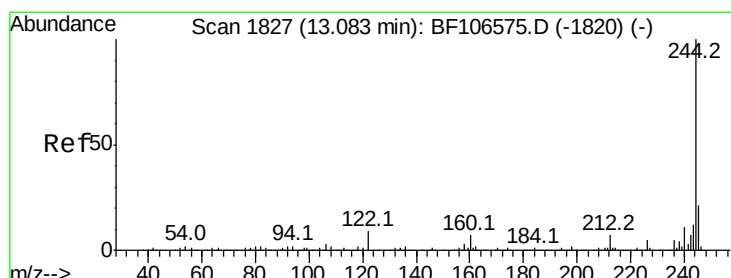
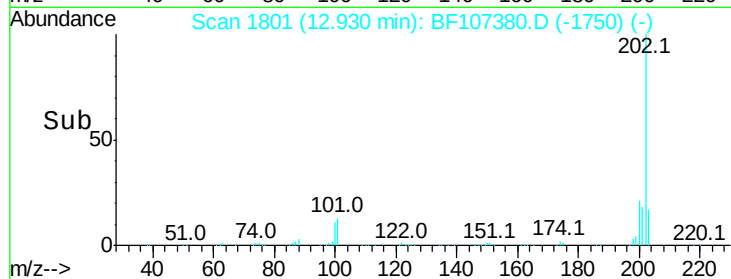
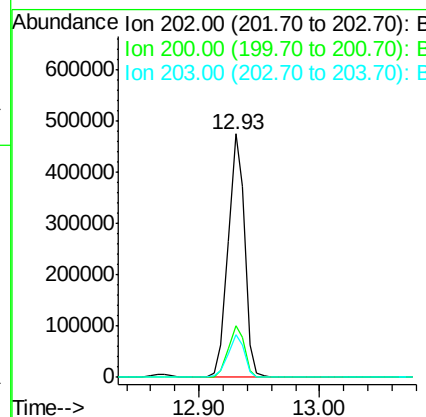
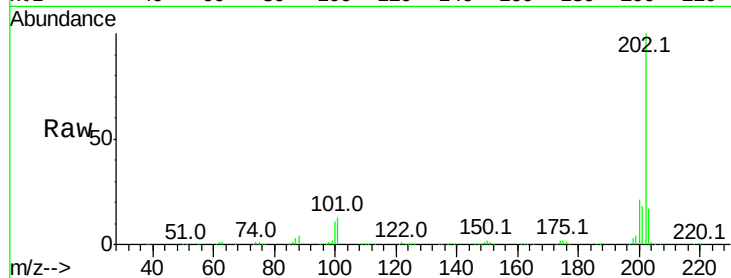
#77
Pvrene
Concen: 48.194 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.3	14.3	21.5

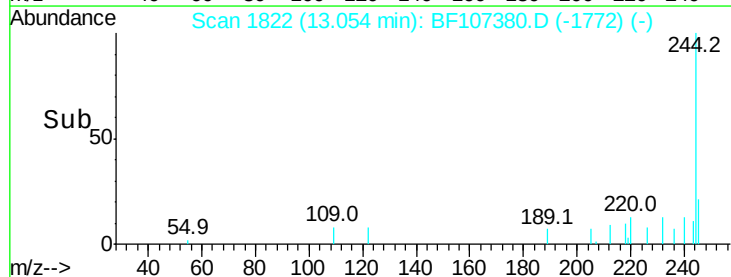
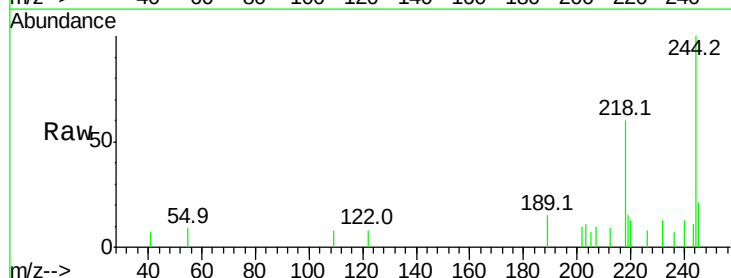
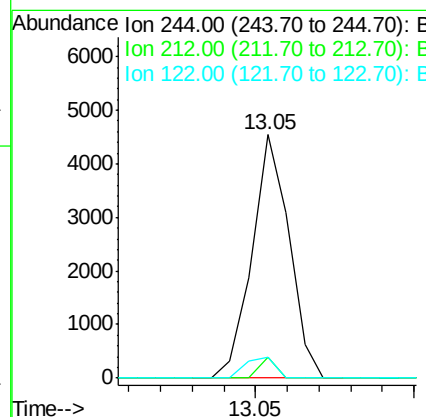
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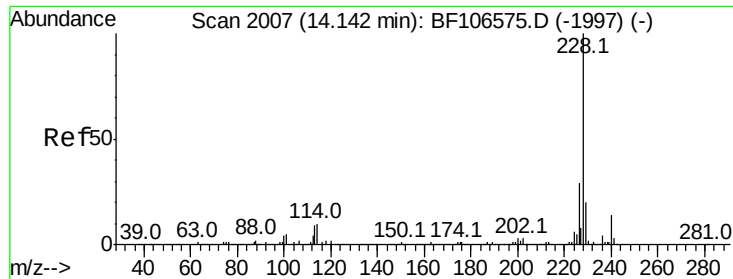
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#78
Terphenyl-d14
Concen: 0.639 ng
RT: 13.05 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.4	8.0#
122	8.4	11.0	16.4#





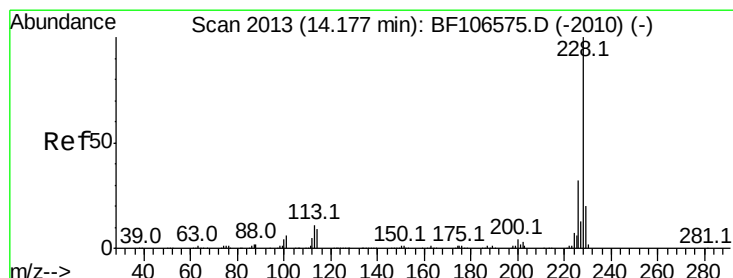
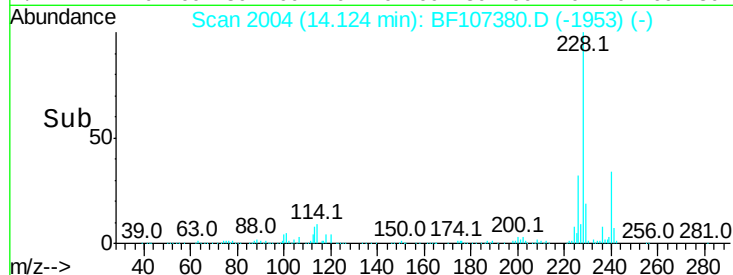
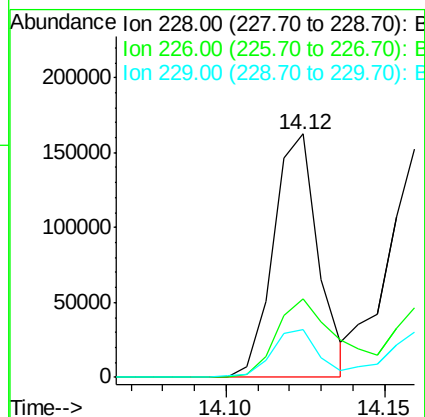
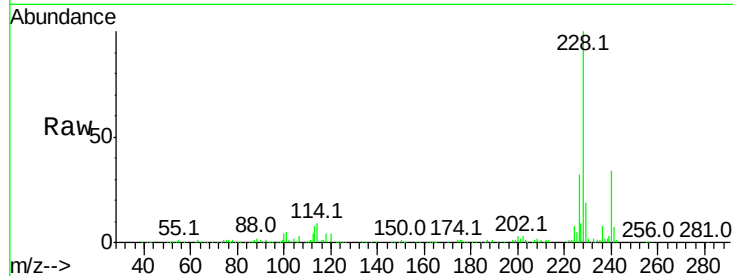
#80
Benzo(a)anthracene
Concen: 18.865 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:228	Resp:	160871
Ion Ratio	Lower	Upper
228 100		
226 32.2	22.6	33.8
229 19.4	15.8	23.6

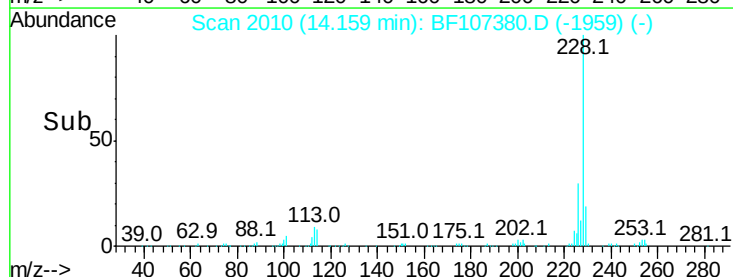
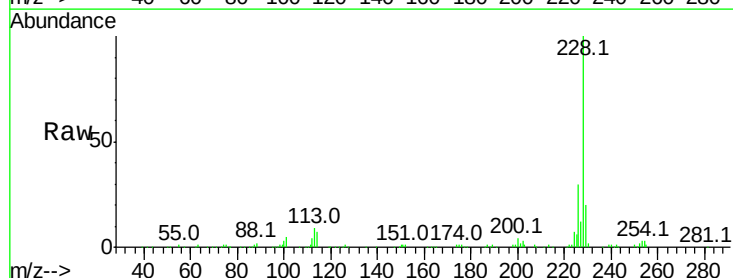
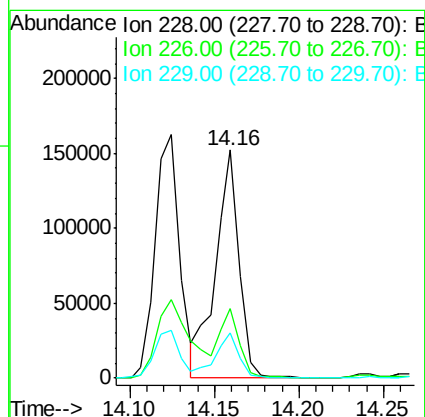
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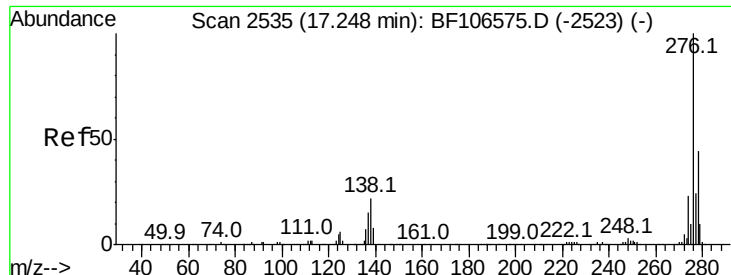
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#82
Chrysene
Concen: 18.812 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF107380.D
Acq: 13 Jul 2018 21:55

Tgt Ion:228	Resp:	147583
Ion Ratio	Lower	Upper
228 100		
226 30.3	25.0	37.6
229 19.7	16.2	24.4





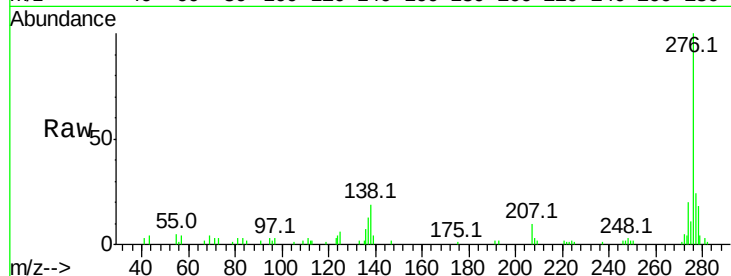
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.327 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

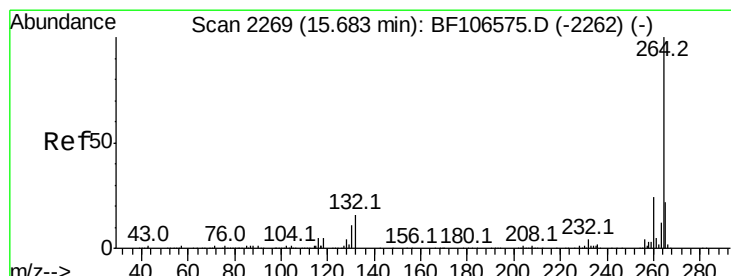
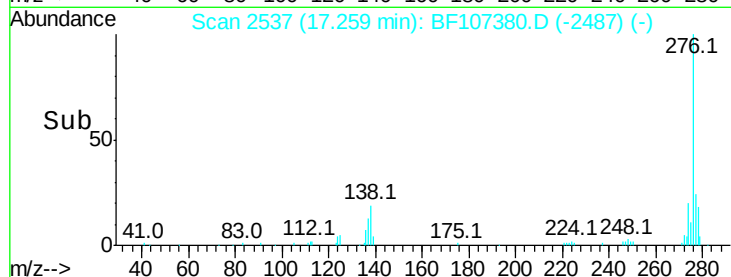
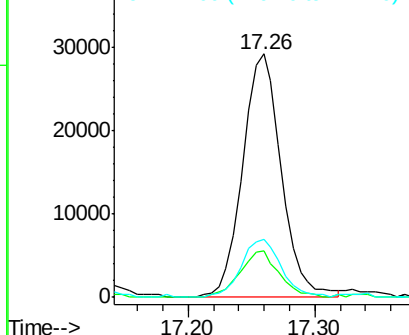
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	24.6	20.1	30.1

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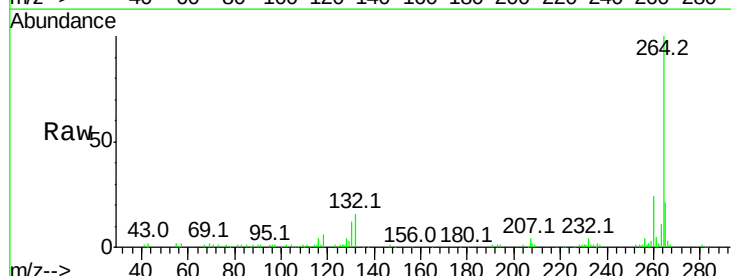


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

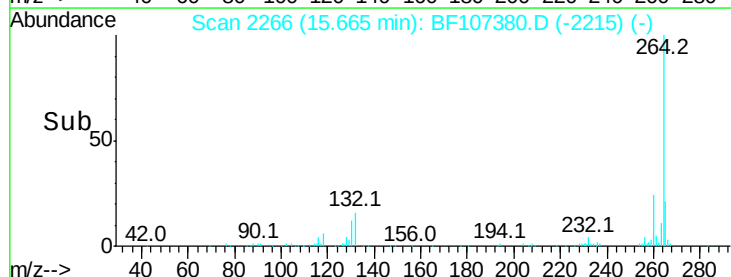
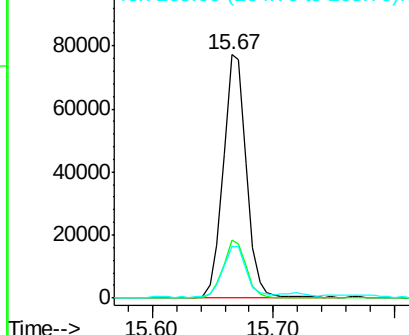


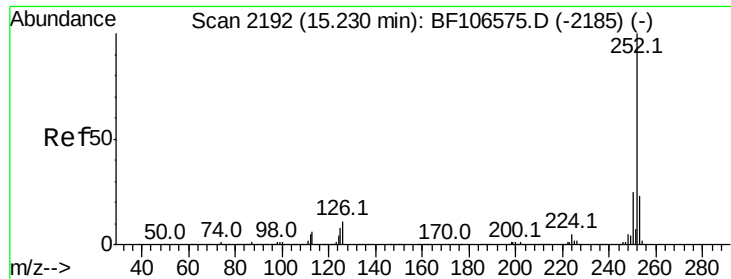
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	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: 20.679 ng m

RT: 15.21 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Instrument :

BNA_F

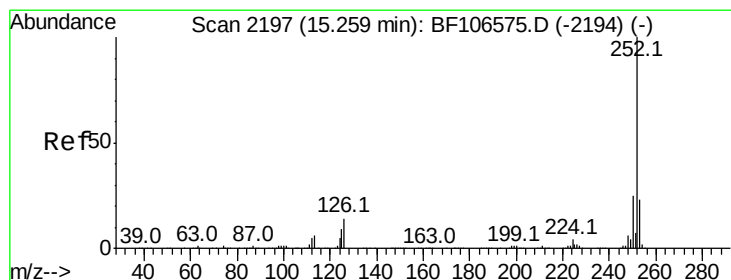
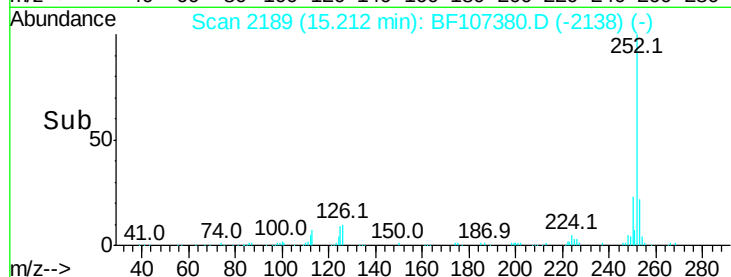
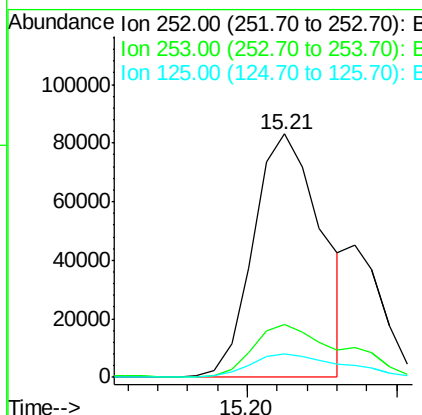
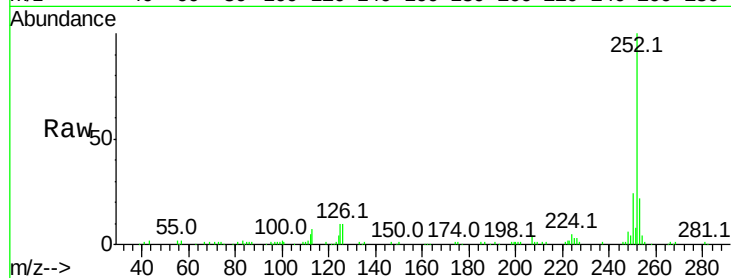
ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:	252	Resp:	131483
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	9.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 6.318 ng m

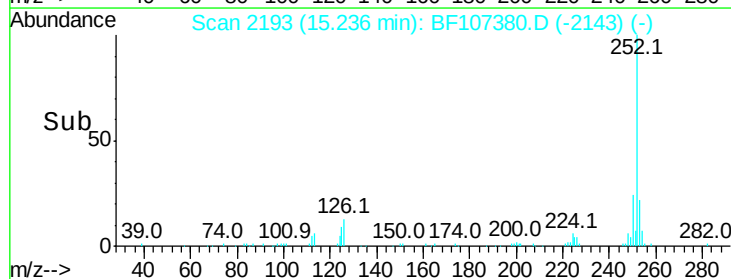
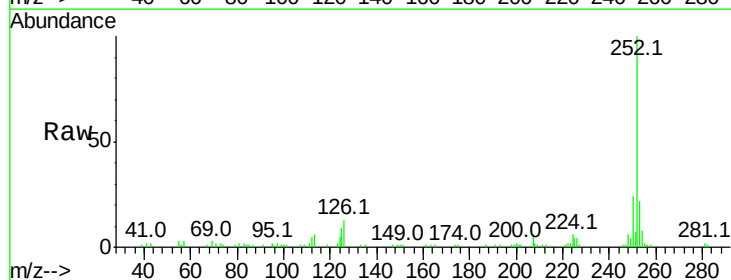
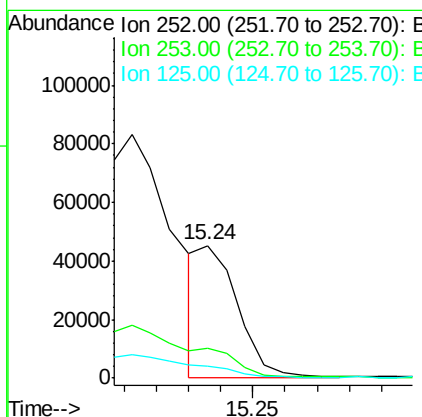
RT: 15.24 min Scan# 2193

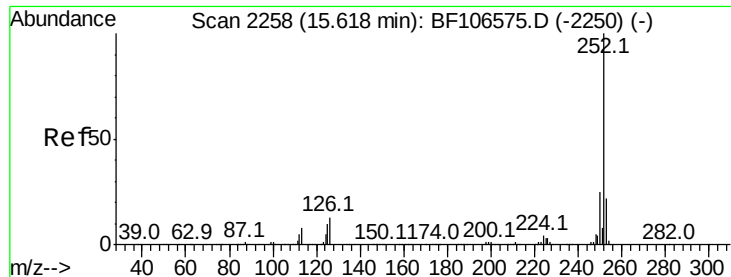
Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Tgt Ion:	252	Resp:	38258
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	9.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 14.244 ng m

RT: 15.60 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Instrument :

BNA_F

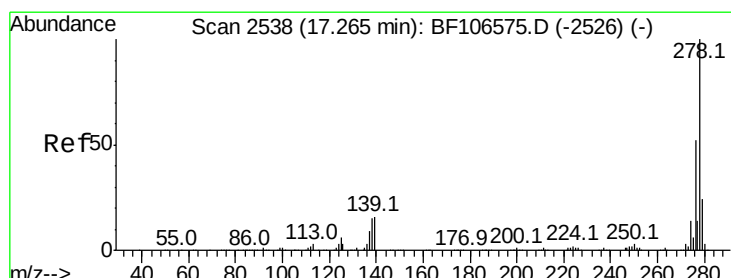
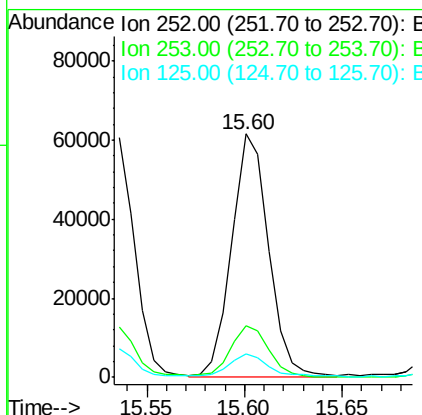
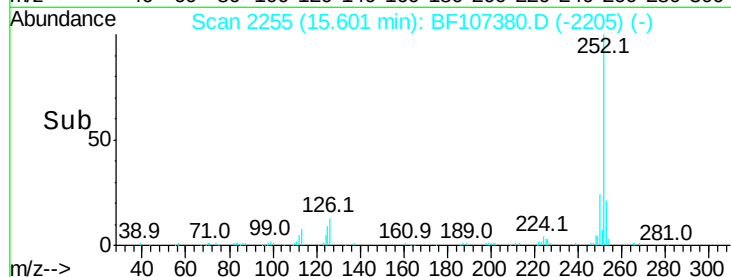
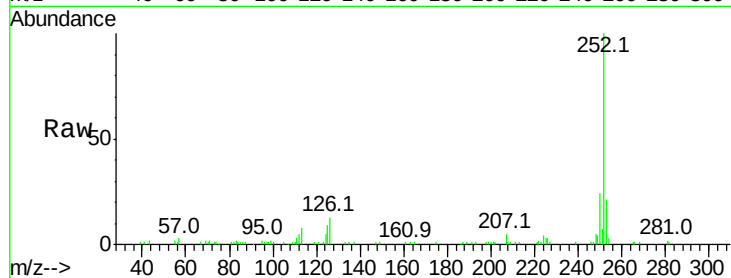
ClientSampleId :

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Tot Ion:	252	Resp:	80509
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	9.4	9.8	14.6#

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#90

Dibenzo(a,h)anthracene

Concen: 2.914 ng m

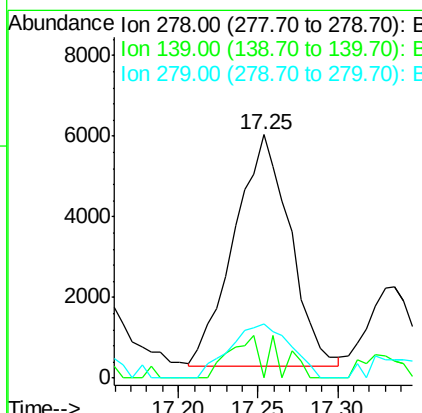
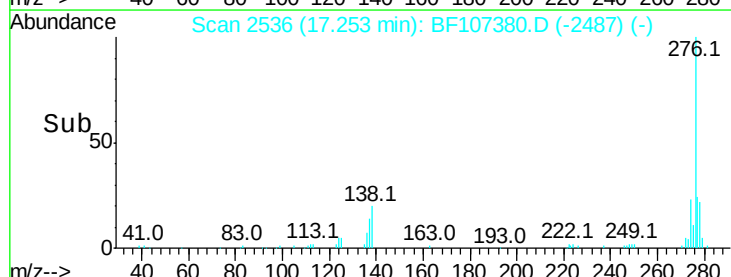
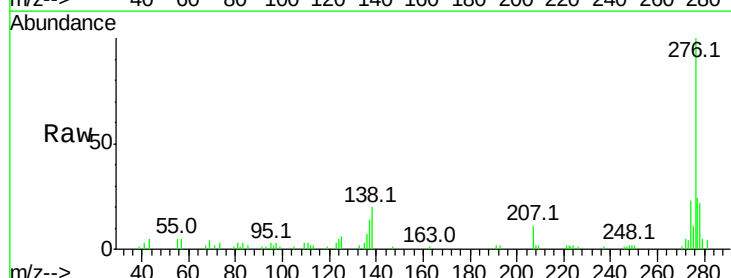
RT: 17.25 min Scan# 2536

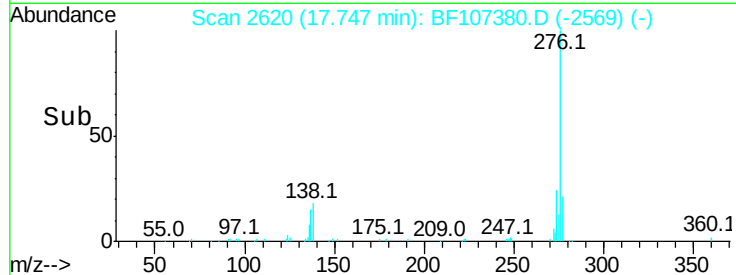
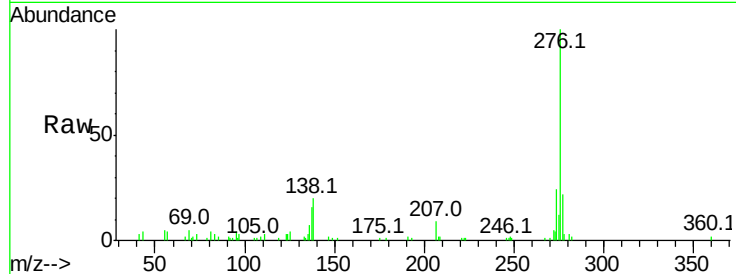
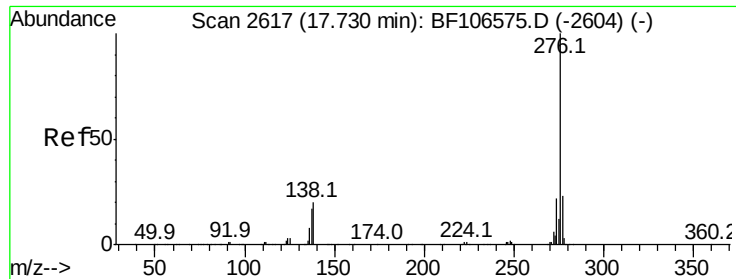
Delta R.T. -0.01 min

Lab File: BF107380.D

Acq: 13 Jul 2018 21:55

Tgt Ion:	278	Resp:	13960
Ion Ratio	Lower	Upper	
278	100		
139	0.0	15.9	23.9#
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 14.807 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF107380.D
 Acq: 13 Jul 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:	276	Resp:	69328
Ion Ratio	Lower	Upper	
276	100		
277	22.3	17.9	26.9
138	19.8	21.8	32.8#

Manual Integrations
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