

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108106.D
 Acq On : 11 Aug 2018 2:04
 Operator : JU/SJ
 Sample : J4409-03DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10BDL

Manual Integrations
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Sohil
 8/13/2018 3:52:39 PM

Quant Time: Aug 11 05:45:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	259154	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	906736	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	383867	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	653227	20.00	ng	0.00
75) Chrysene-d12	14.22	240	533024	20.00	ng	0.00
86) Perylene-d12	15.79	264	377636	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	843390	58.92	ng	0.01
7) Phenol-d6	6.63	99	1119434	58.85	ng	0.00
23) Nitrobenzene-d5	7.58	82	684781	42.14	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	190421	49.73	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1108263	46.35	ng	0.00
78) Terphenyl-d14	13.15	244	981299	46.81	ng	0.00
Target Compounds						
10) Phenol	6.64	94	48137	2.446	ng	Qvalue 87
31) Naphthalene	8.32	128	103675	2.514	ng	98
48) Acenaphthylene	9.93	152	88293	2.497	ng	99
49) Dimethylphthalate	9.77	163	169963	6.356	ng	# 97
51) Acenaphthene	10.10	154	109585	5.059	ng	99
57) Fluorene	10.62	166	86298	3.474	ng	96
70) Phenanthrene	11.60	178	947482	30.752	ng	99
71) Anthracene	11.64	178	363971	11.526	ng	99
74) Fluoranthene	12.79	202	1425834	42.403	ng	97
77) Pyrene	13.02	202	1511408	44.788	ng	98
80) Benzo(a)anthracene	14.21	228	579681m	18.950	ng	
82) Chrysene	14.25	228	461256	16.447	ng	97
85) Indeno(1,2,3-cd)pyrene	17.42	276	174353	7.175	ng	# 89
87) Benzo(b)fluoranthene	15.32	252	456435m	20.227	ng	
88) Benzo(k)fluoranthene	15.35	252	141770m	6.835	ng	
89) Benzo(a)pyrene	15.72	252	354881	17.563	ng	97
90) Dibenzo(a,h)anthracene	17.43	278	40729	2.436	ng	92
91) Benzo(g,h,i)perylene	17.92	276	173934	10.565	ng	# 90

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

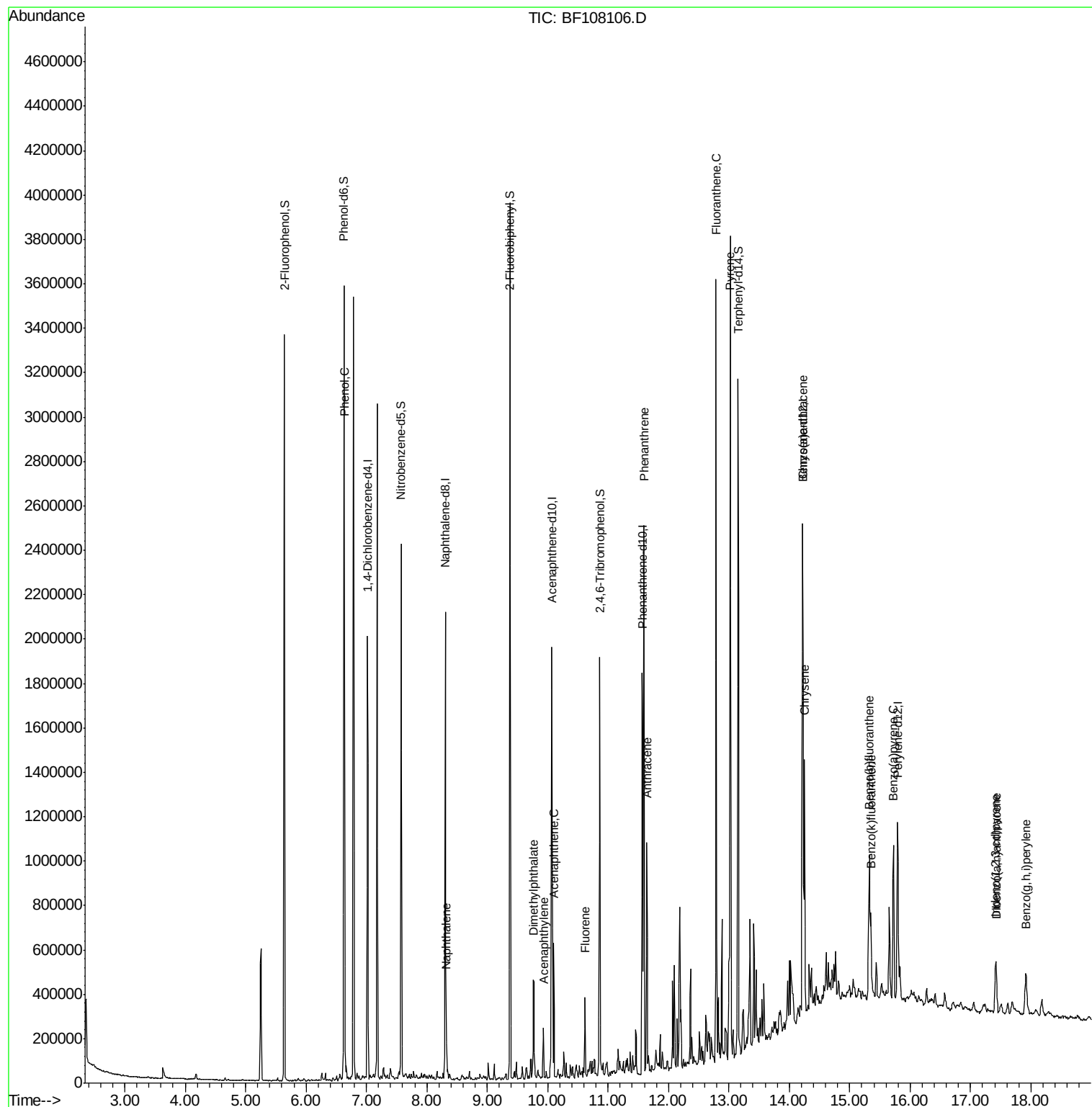
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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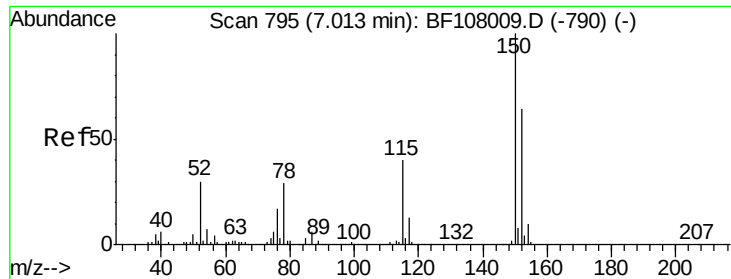
Instrument :
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2018-NYSEG-CLARK-AREA-10BDL

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#1

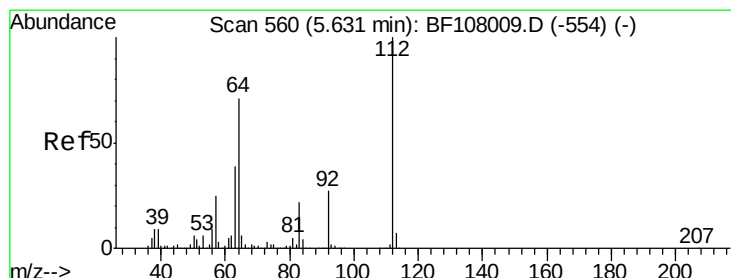
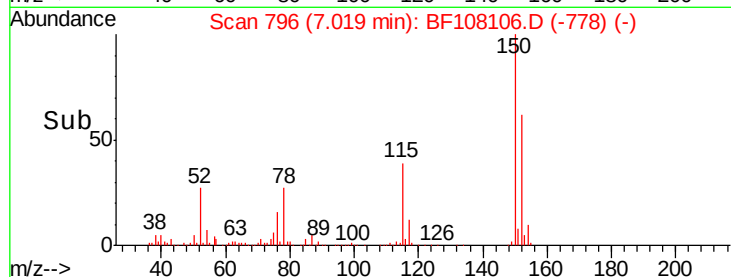
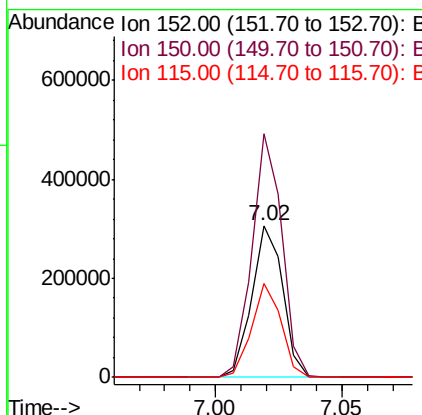
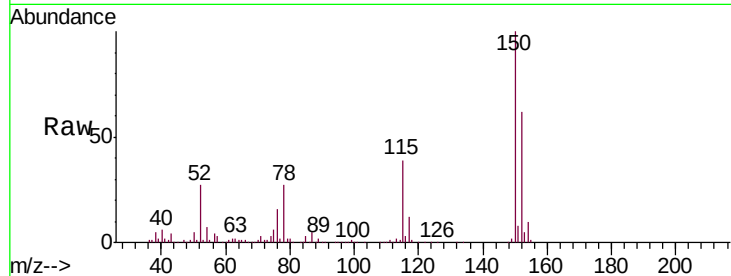
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	259154		
150	160.2	124.6	186.8	
115	62.0	50.1	75.1	

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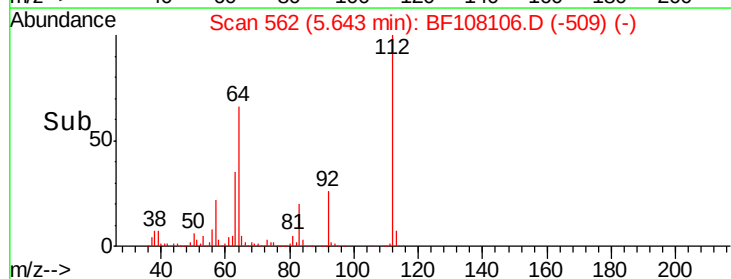
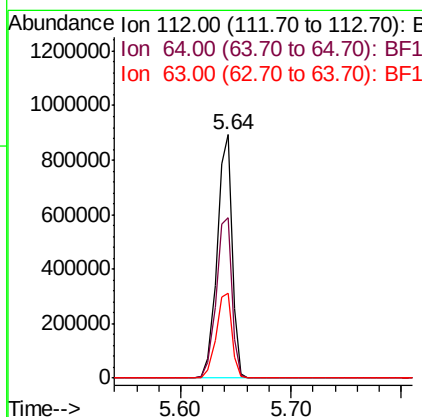
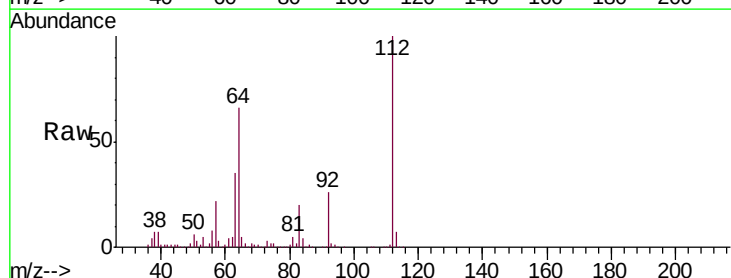
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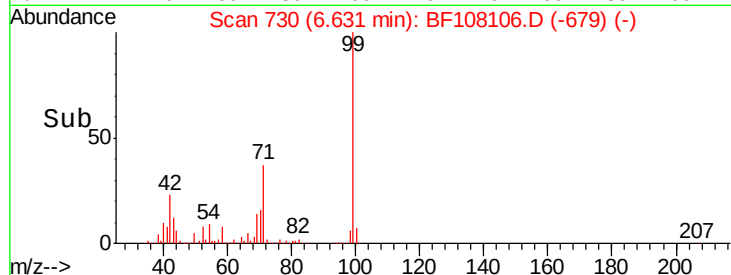
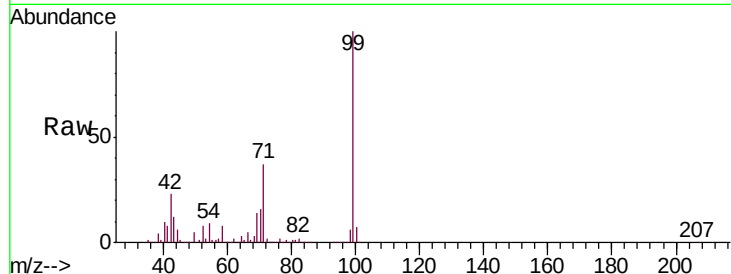
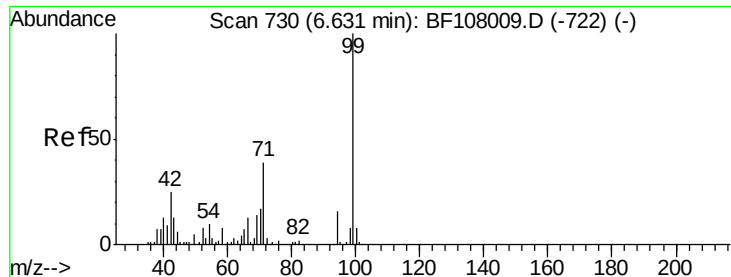


#5

2-Fluorophenol
Concen: 58.919 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	843390		
64	66.0	47.9	71.9	
63	34.9	23.7	35.5	





#7

Phenol-d6

Concen: 58.850 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Tgt Ion:	99	Resp:	1119434
Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.5	21.7#
71	36.7	25.4	38.0

Instrument :

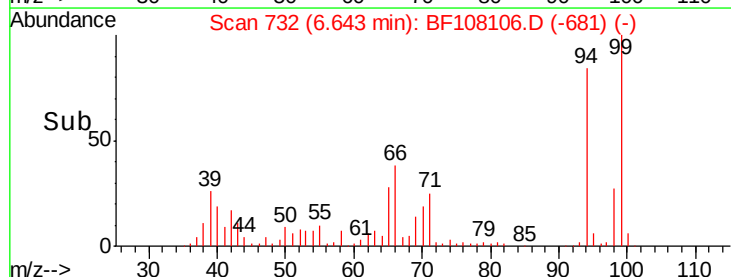
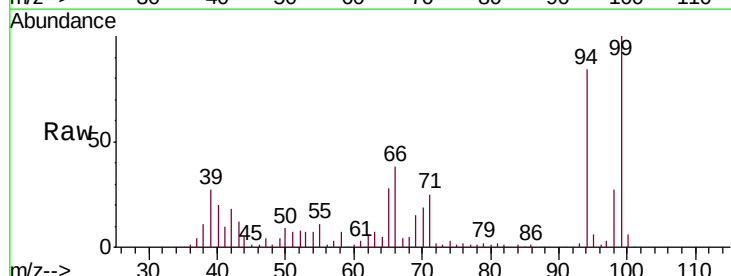
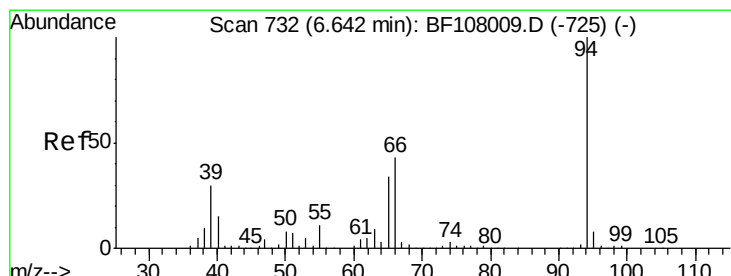
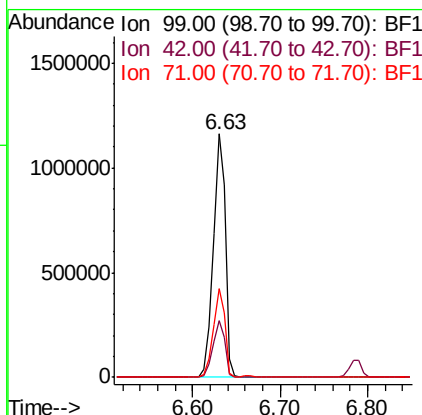
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.446 ng

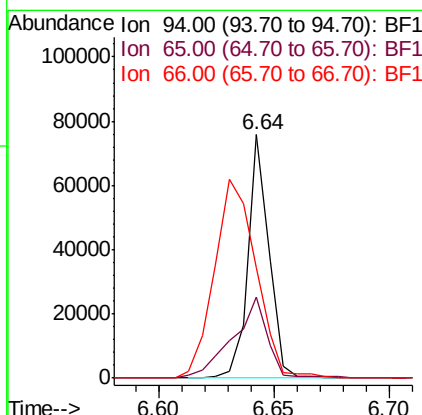
RT: 6.64 min Scan# 732

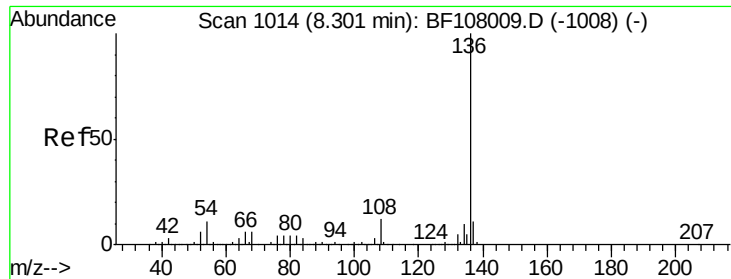
Delta R.T. 0.00 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Tgt Ion:	94	Resp:	48137
Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	45.4	16.2	56.2





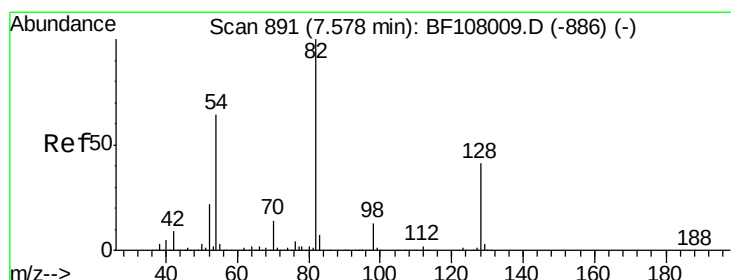
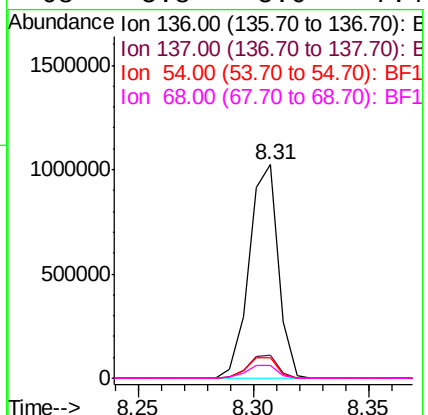
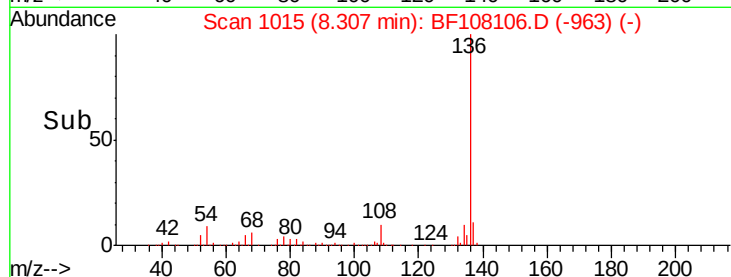
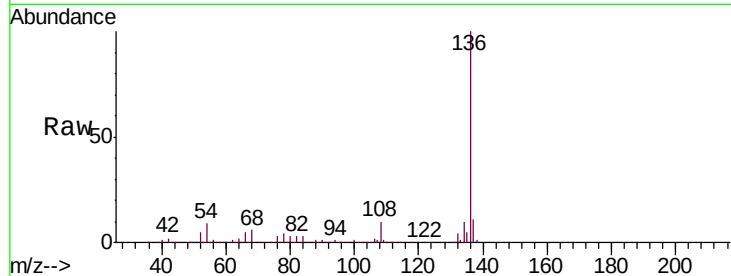
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4

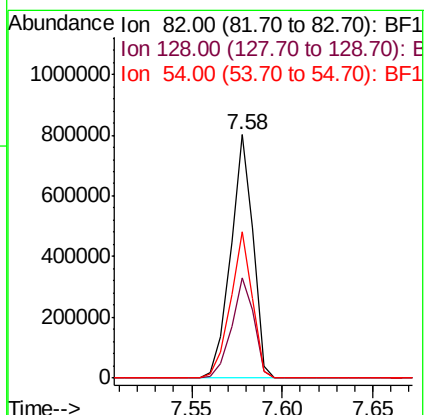
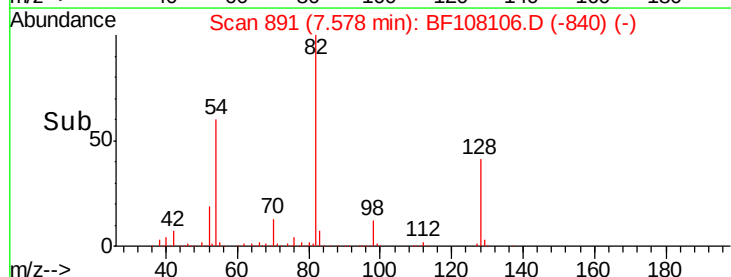
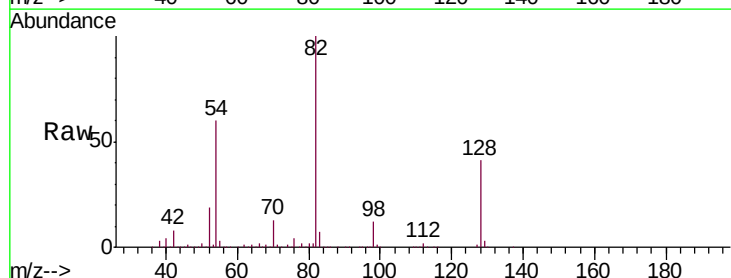
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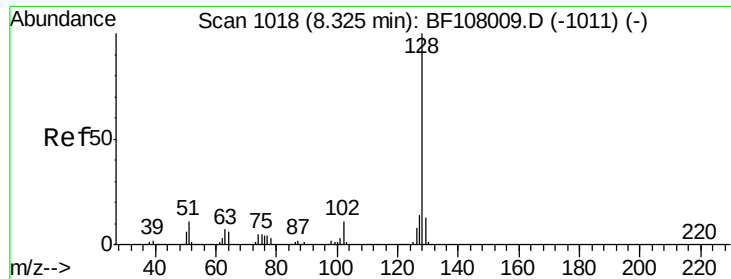
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#23
Nitrobenzene-d5
Concen: 42.142 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.9	36.1	54.1
54	60.1	41.4	62.2





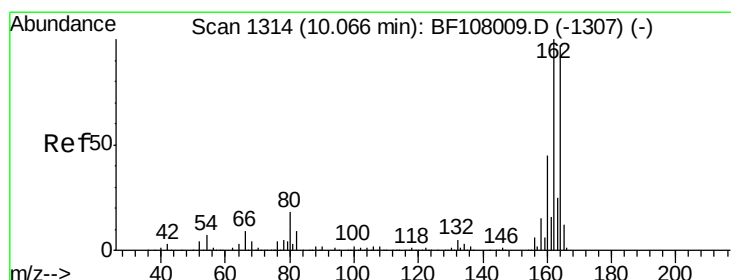
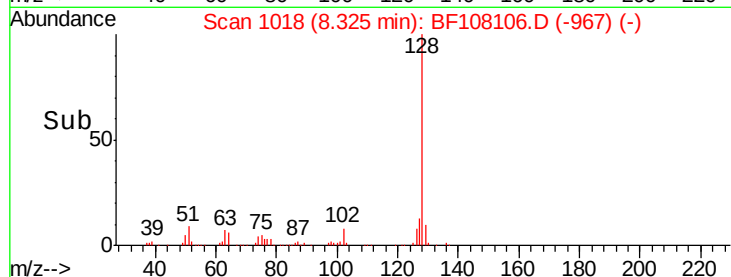
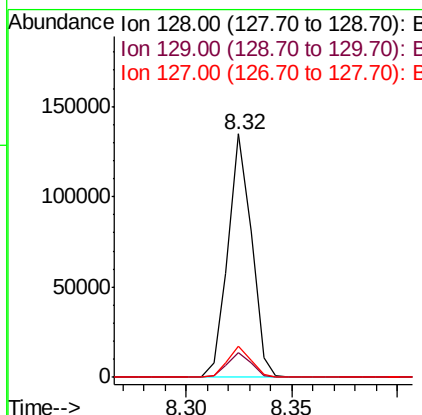
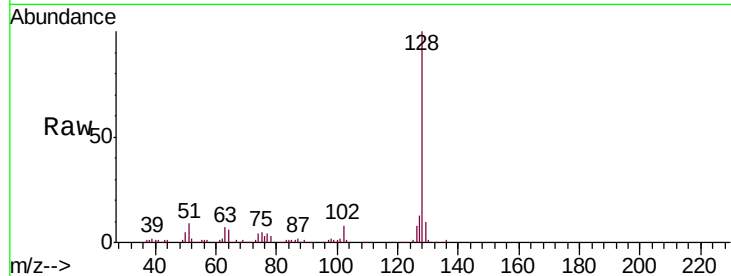
#31
Naphthalene
Concen: 2.514 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.4	8.8	13.2
127	13.0	10.9	16.3

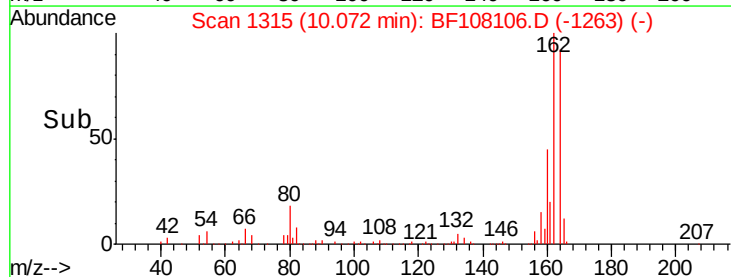
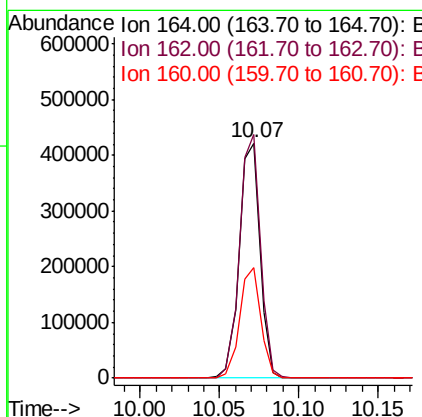
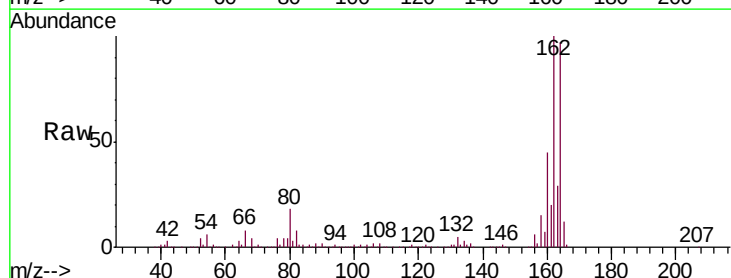
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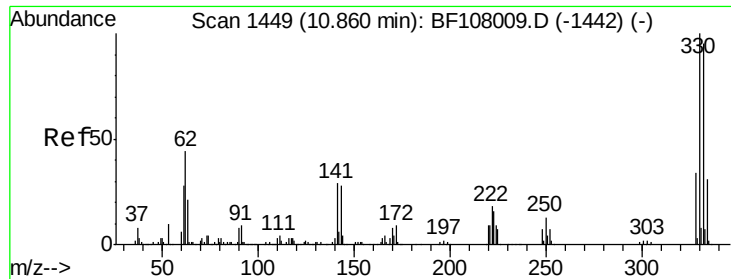
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.6	86.1	129.1
160	46.8	38.3	57.5





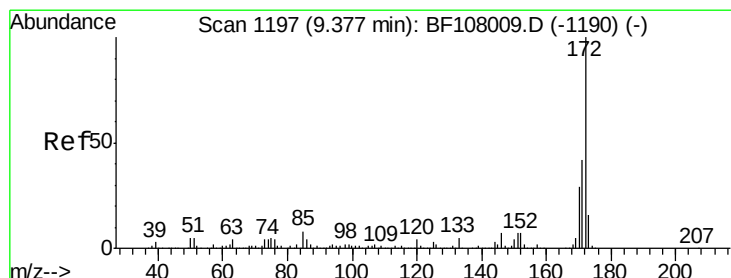
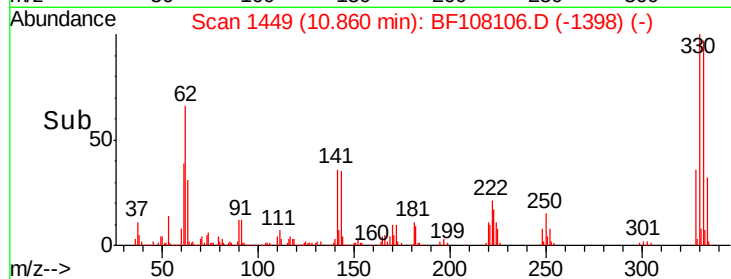
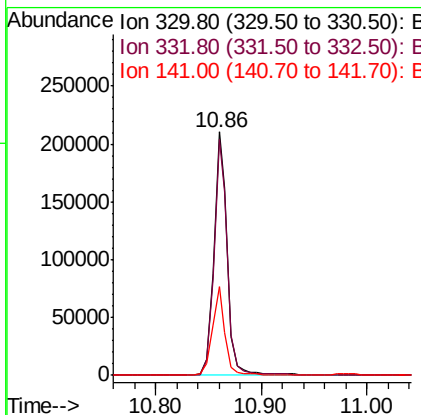
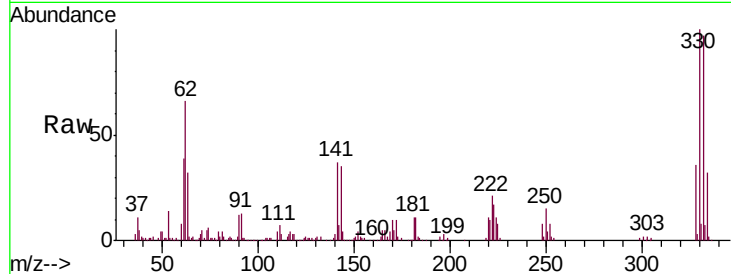
#41
 2,4,6-Tribromophenol
 Concen: 49.732 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108106.D
 Acq: 11 Aug 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	190421		
332	97.0	77.0	115.6	
141	34.7	29.9	44.9	

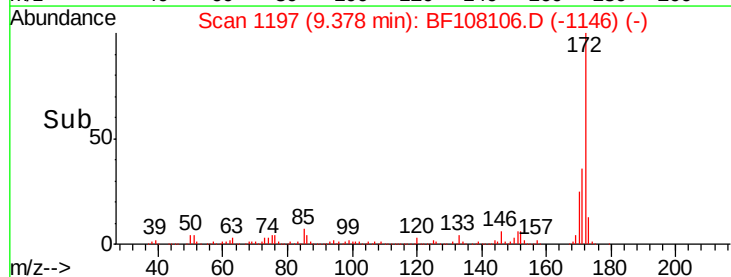
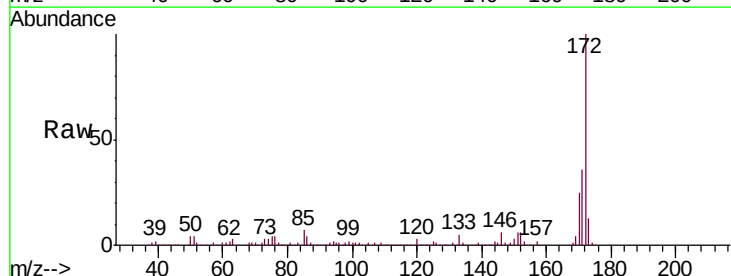
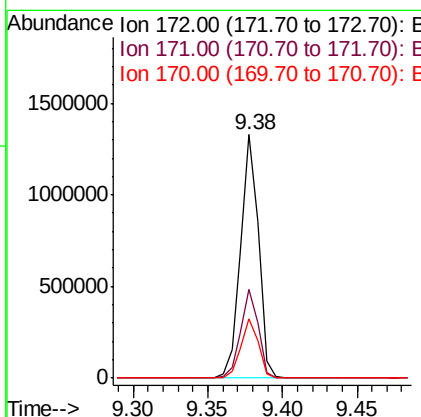
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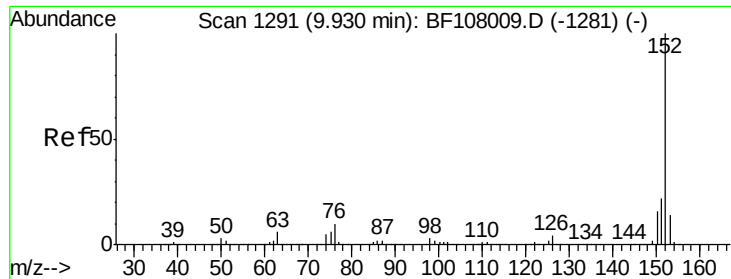
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#44
 2-Fluorobiphenyl
 Concen: 46.352 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108106.D
 Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1108263		
171	36.4	29.7	44.5	
170	24.6	19.6	29.4	





#48

Acenaphthylene

Concen: 2.497 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Instrument :

BNA_F

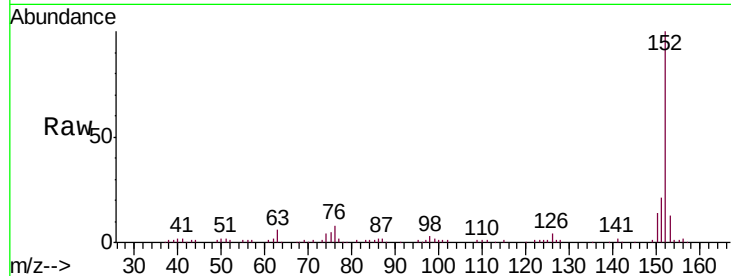
ClientSampleId :

2018-NYSEG-CLARK-AREA-10BDL

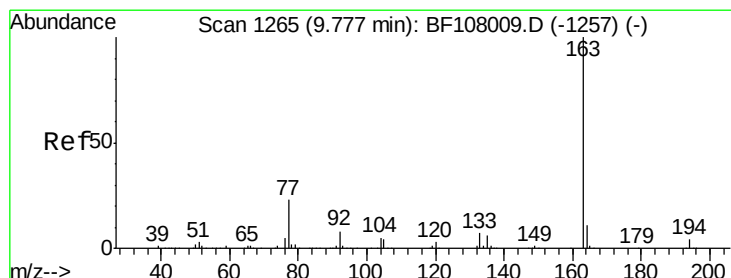
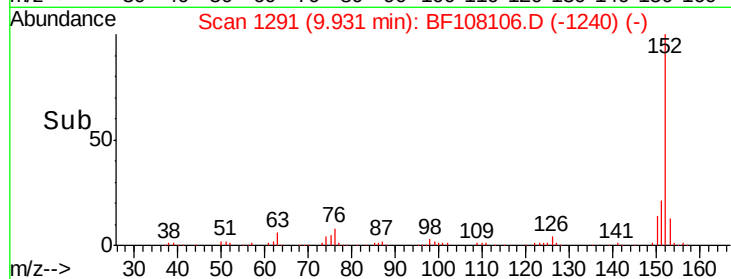
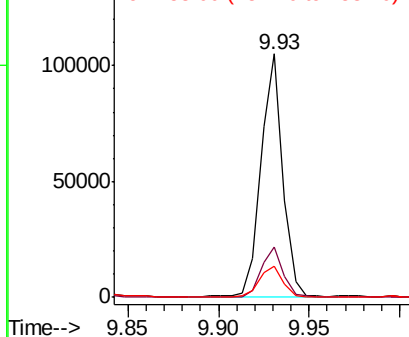
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	88293		
151	20.5	16.3	24.5	
153	12.8	10.7	16.1	

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.356 ng

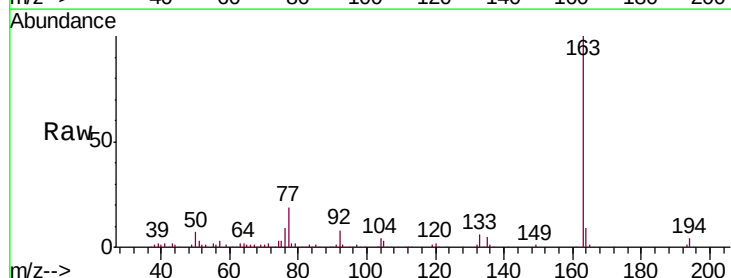
RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

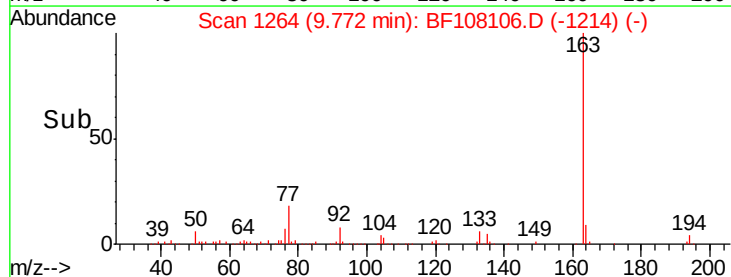
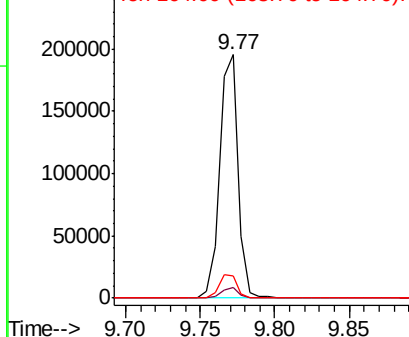
Lab File: BF108106.D

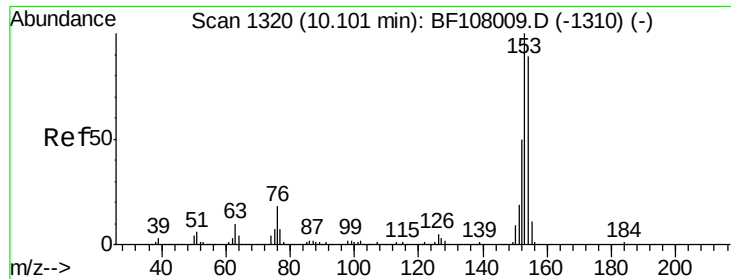
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	169963		
194	4.2	2.7	4.1#	
164	9.3	8.2	12.2	



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





#51

Acenaphthene

Concen: 5.059 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Instrument :

BNA_F

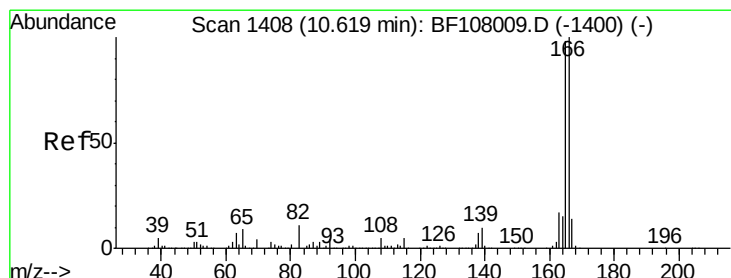
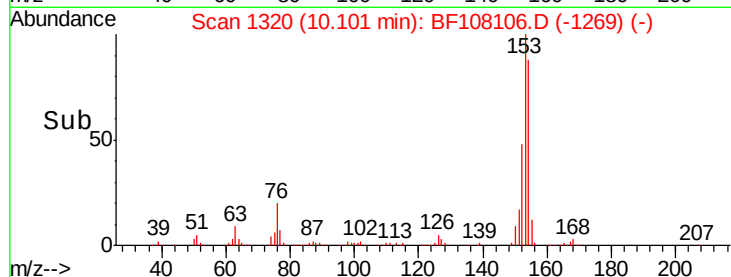
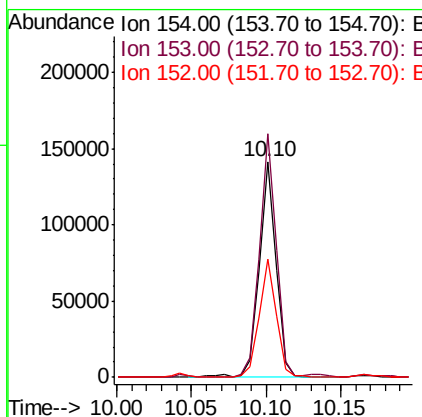
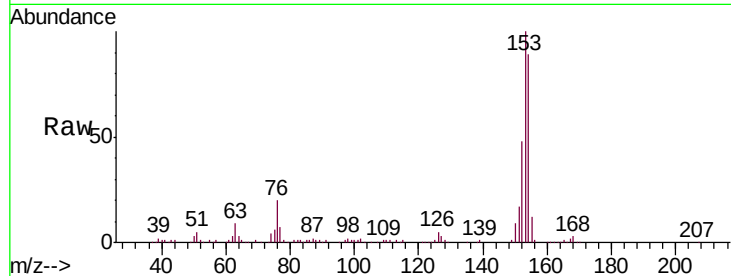
ClientSampleId :

2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion:	154	Resp:	109585
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	54.5	43.8	65.8

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#57

Fluorene

Concen: 3.474 ng

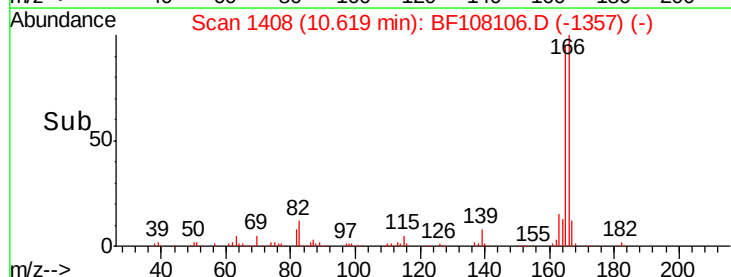
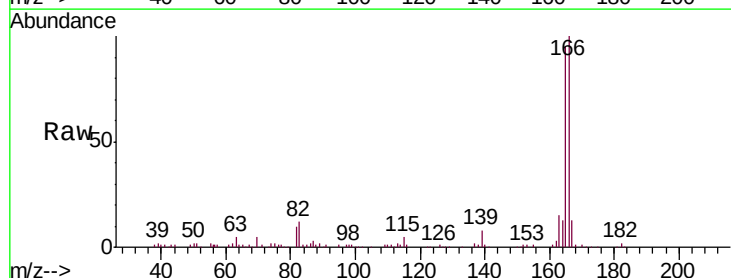
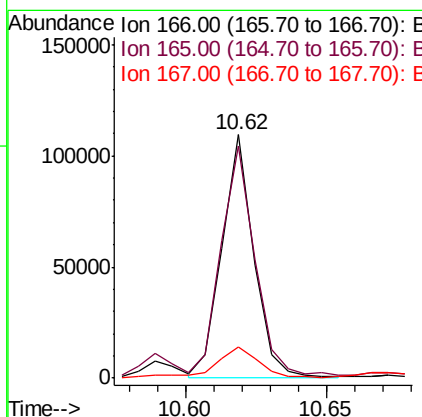
RT: 10.62 min Scan# 1408

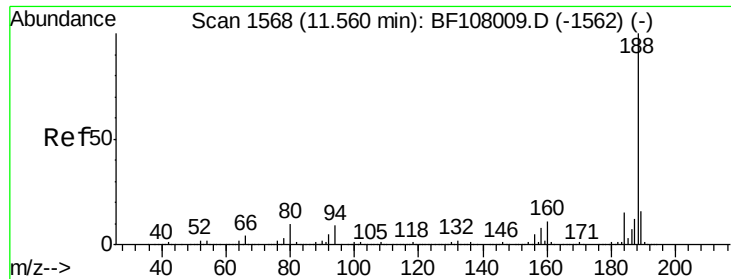
Delta R.T. 0.00 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Tgt Ion:	166	Resp:	86298
Ion Ratio	Lower	Upper	
166	100		
165	95.3	79.8	119.8
167	12.6	10.6	16.0





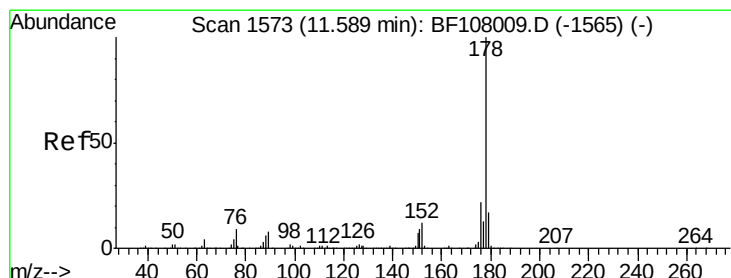
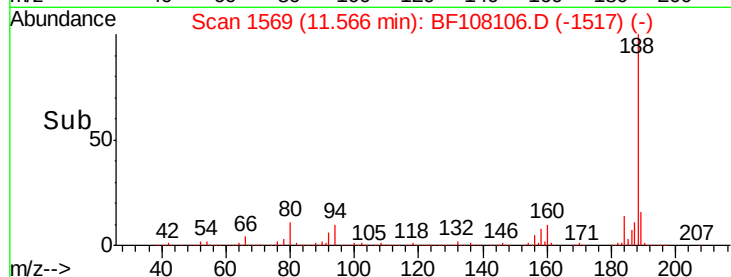
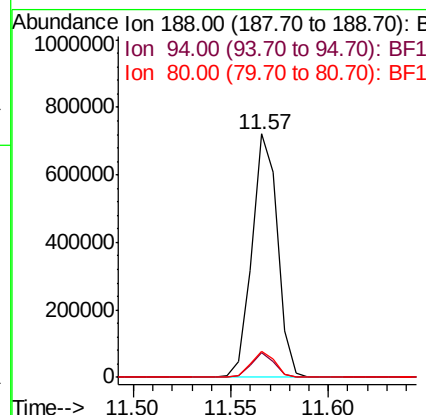
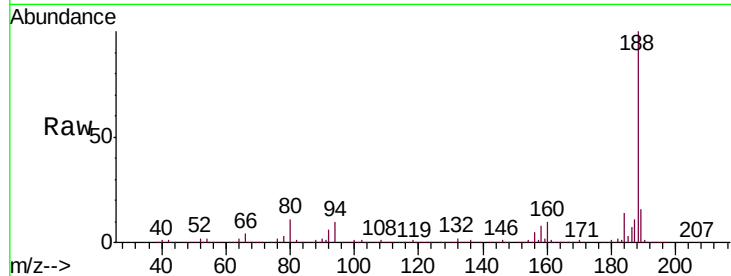
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8

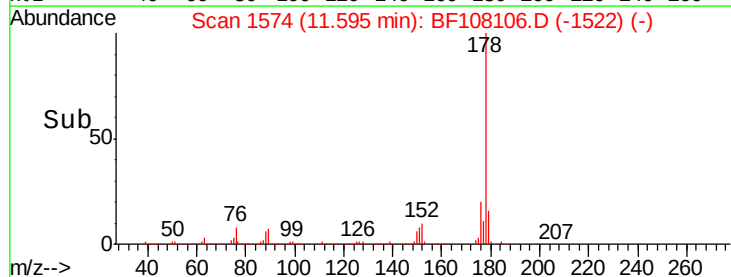
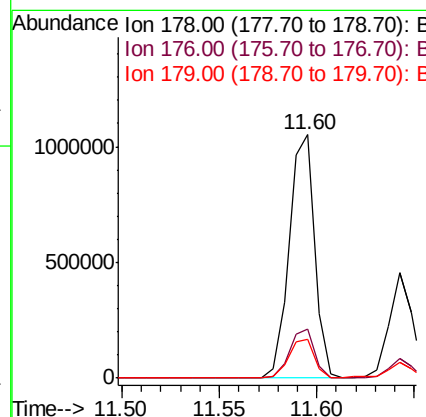
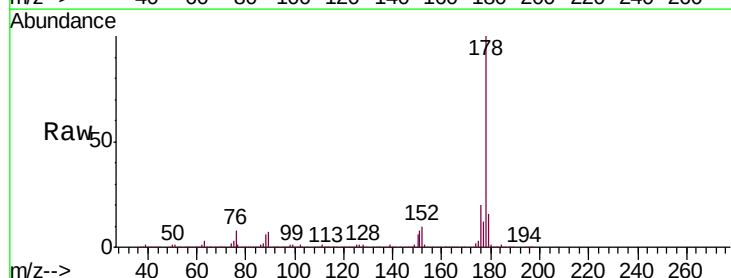
Manual Integrations
APPROVED

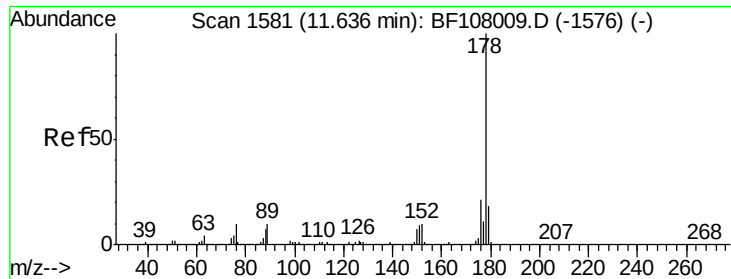
Sohil
8/13/2018 3:52:39 PM



#70
Phenanthrene
Concen: 30.752 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6





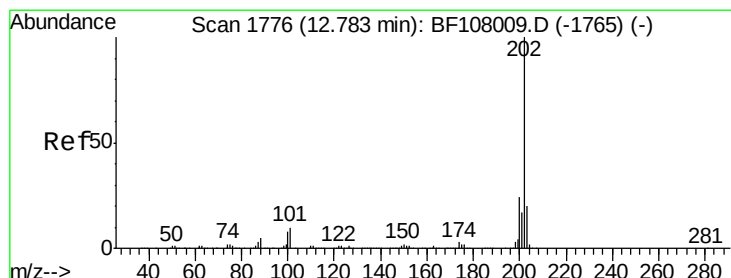
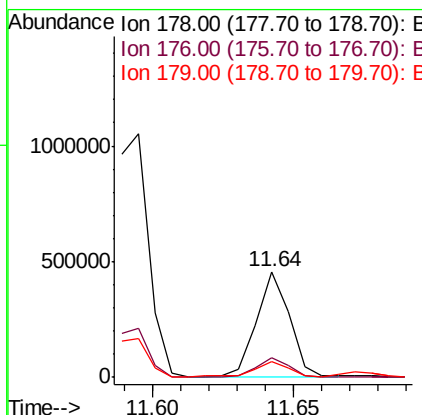
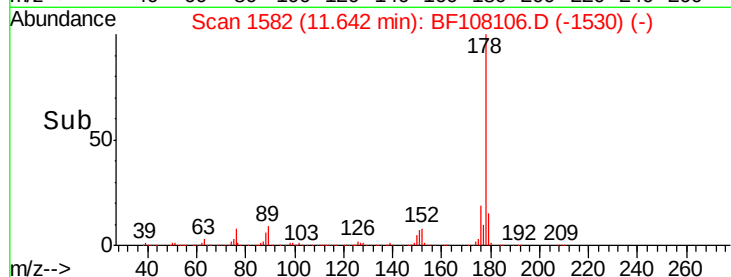
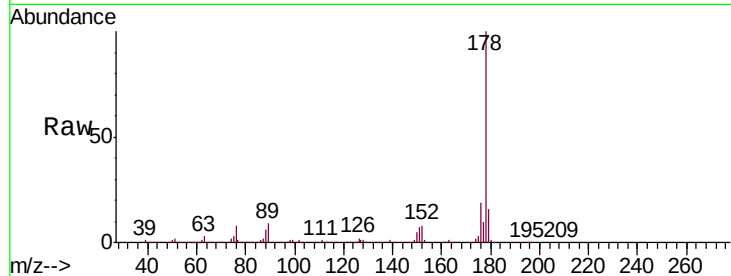
#71
 Anthracene
 Concen: 11.526 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108106.D
 Acq: 11 Aug 2018 2:04

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion:	178	Resp:	363971
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

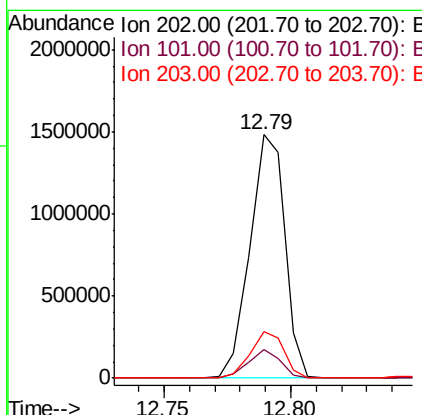
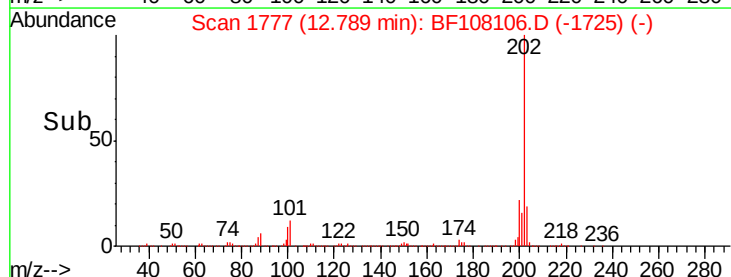
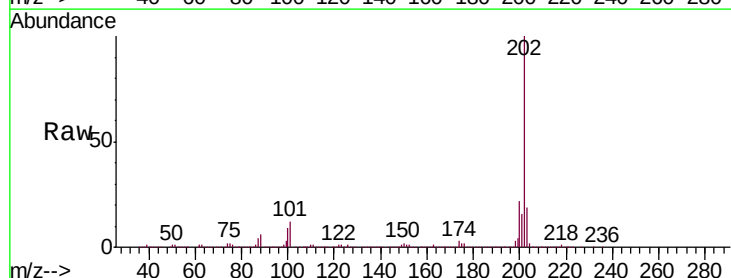
Manual Integrations
 APPROVED

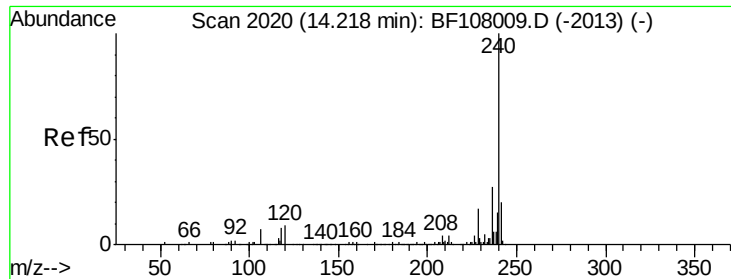
Sohil
 8/13/2018 3:52:39 PM



#74
 Fluoranthene
 Concen: 42.403 ng
 RT: 12.79 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF108106.D
 Acq: 11 Aug 2018 2:04

Tgt Ion:	202	Resp:	1425834
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Instrument :

BNA_F

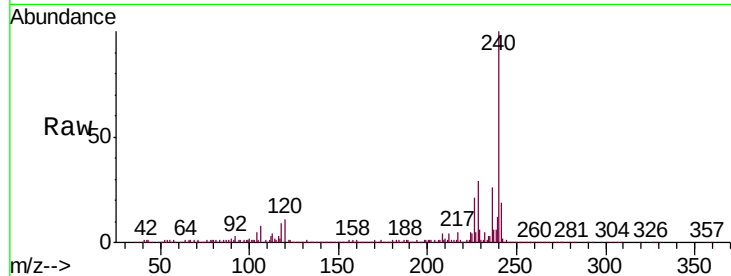
ClientSampleId :

2018-NYSEG-CLARK-AREA-10BDL

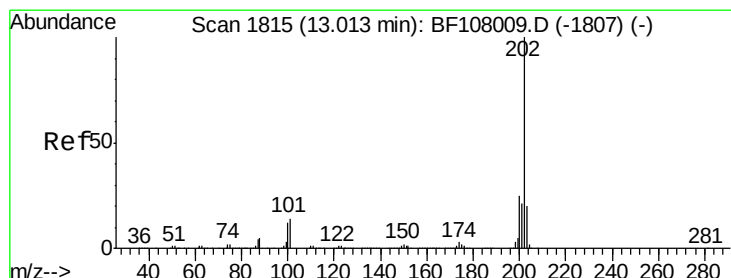
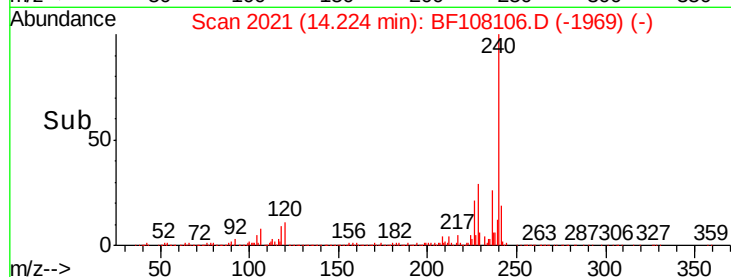
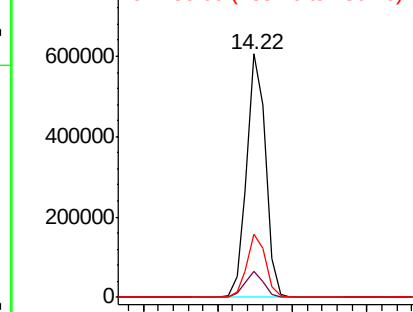
Tgt Ion:	240	Resp:	533024
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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Sohil
8/13/2018 3:52:39 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: 44.788 ng

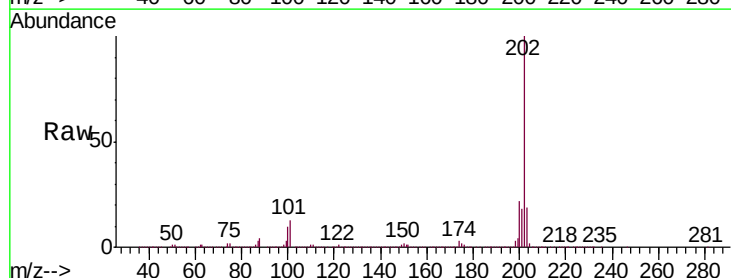
RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

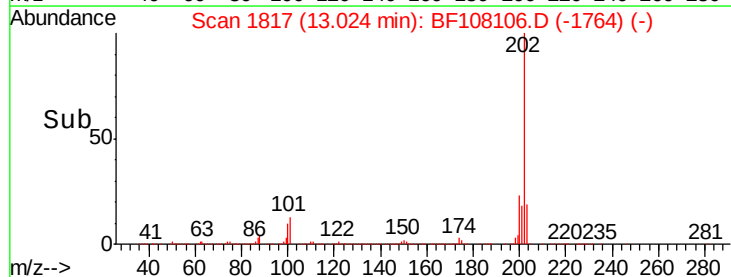
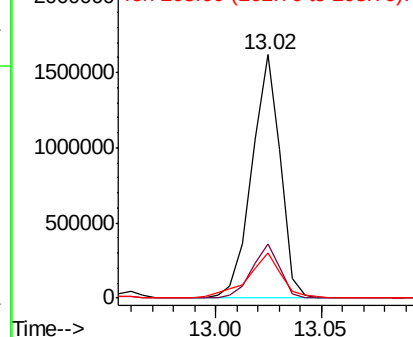
Lab File: BF108106.D

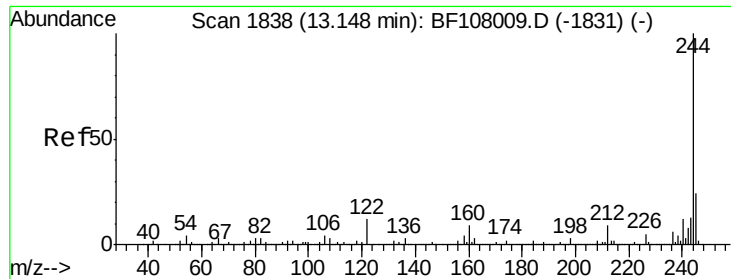
Acq: 11 Aug 2018 2:04

Tgt Ion:	202	Resp:	1511408
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	18.7	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.809 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

Instrument :

BNA_F

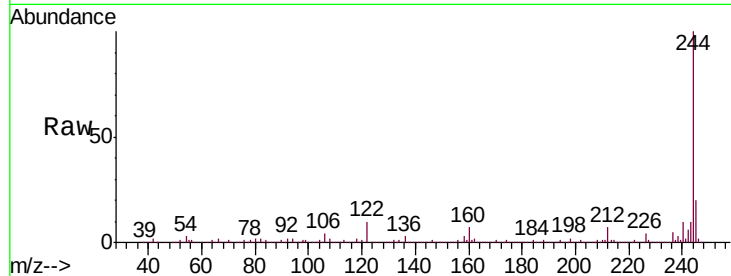
ClientSampleId :

2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	981299		
212	7.2	5.4	8.0	
122	10.3	11.0	16.4	

Manual Integrations
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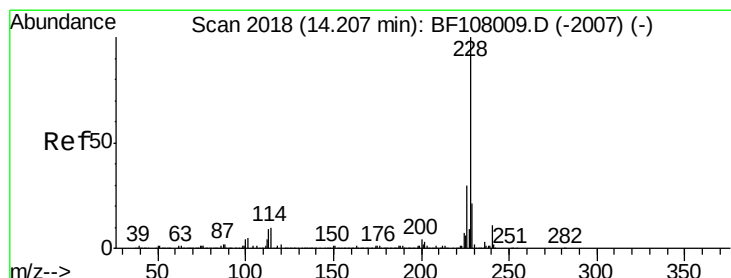
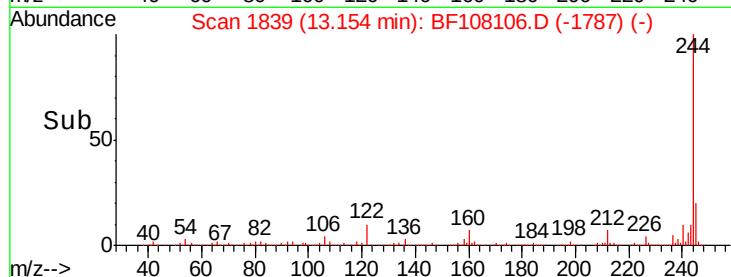
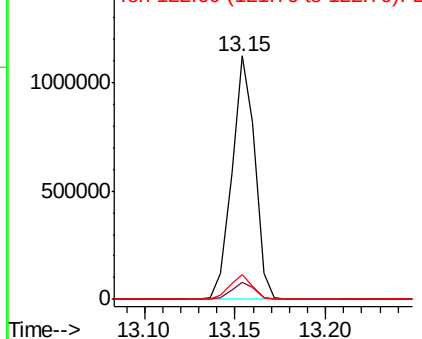
Sohil
8/13/2018 3:52:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 18.950 ng m

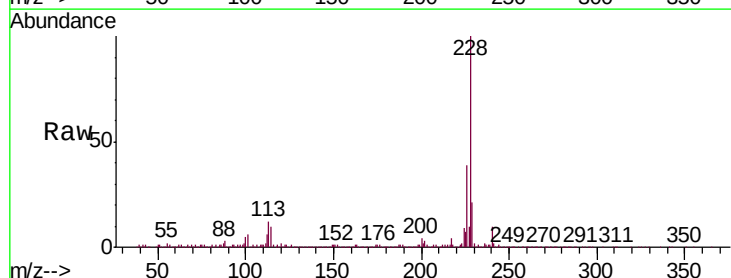
RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108106.D

Acq: 11 Aug 2018 2:04

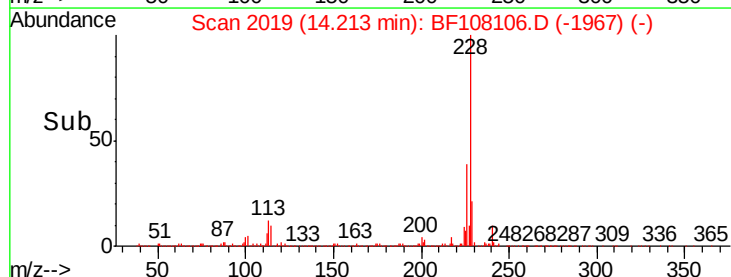
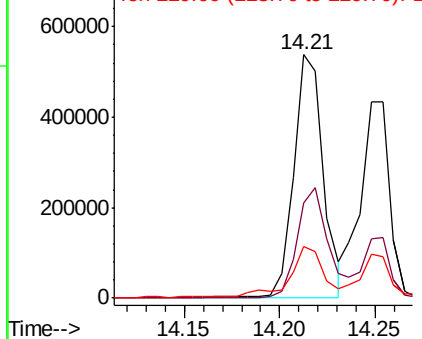
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	579681		
226	39.0	22.6	33.8	
229	21.4	15.8	23.6	

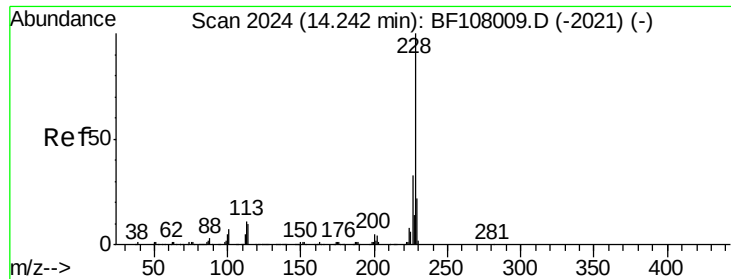


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





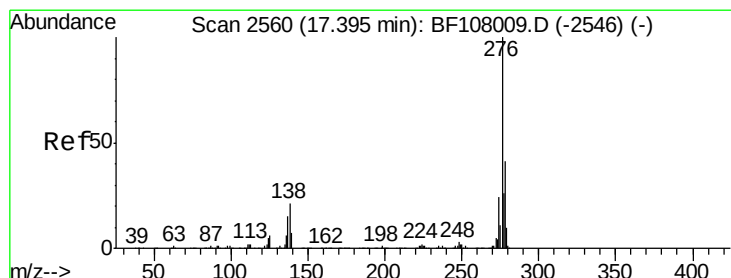
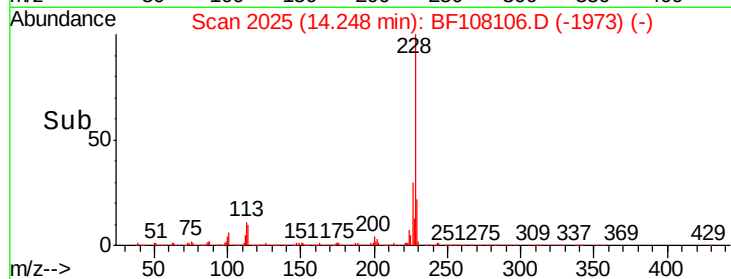
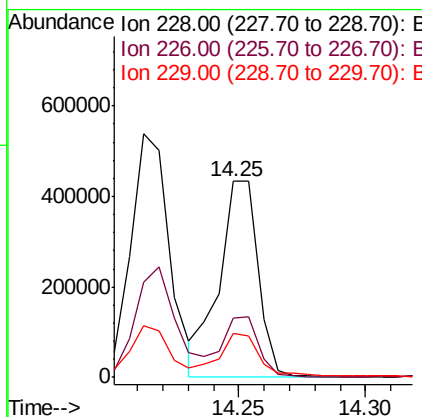
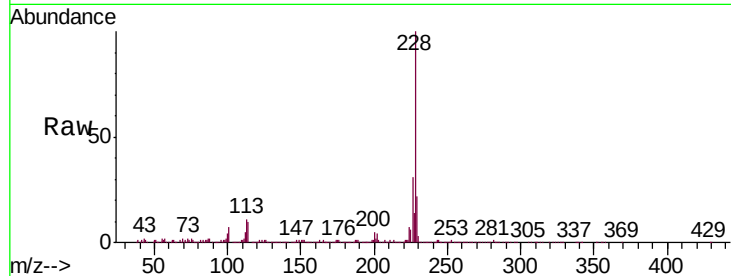
#82
Chrysene
Concen: 16.447 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	461256		
226	30.5	25.0	37.6	
229	22.2	16.2	24.4	

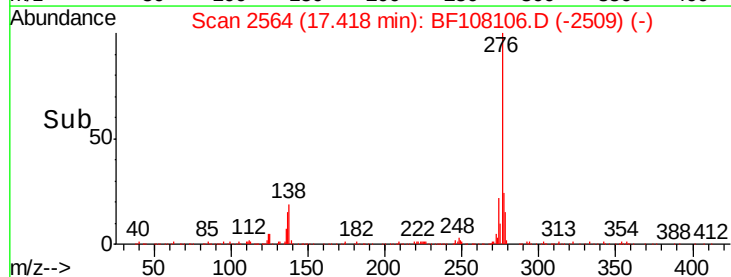
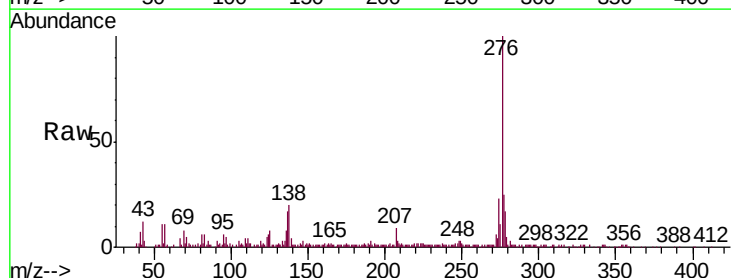
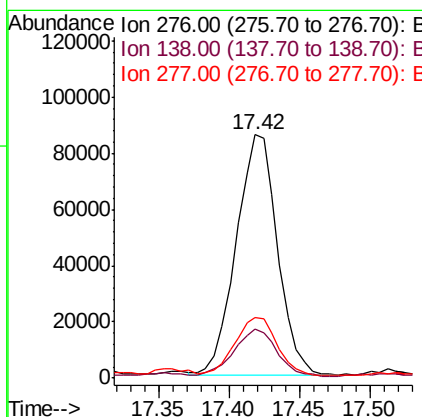
Manual Integrations
APPROVED

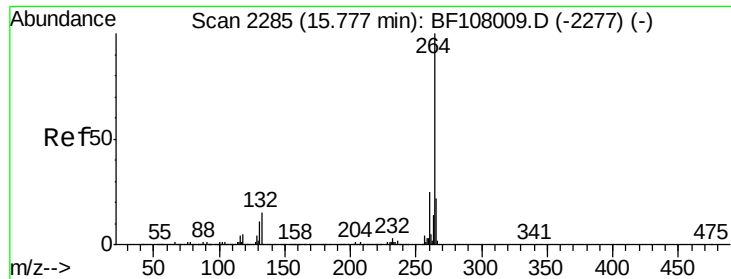
Sohil
8/13/2018 3:52:39 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.175 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	174353		
138	20.7	25.0	37.6#	
277	24.7	20.1	30.1	





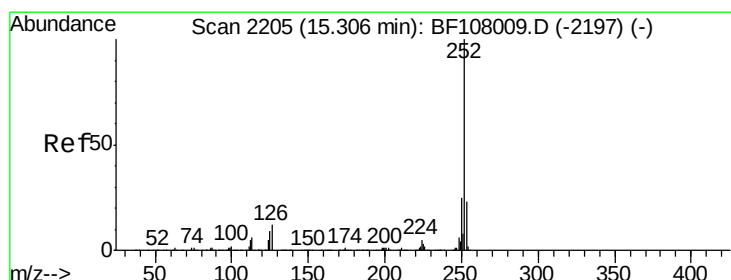
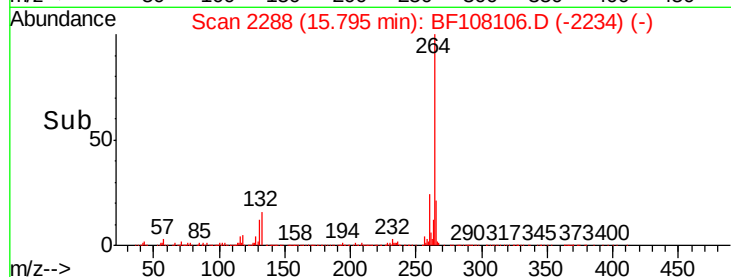
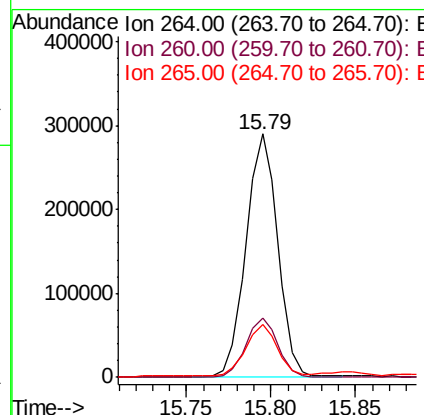
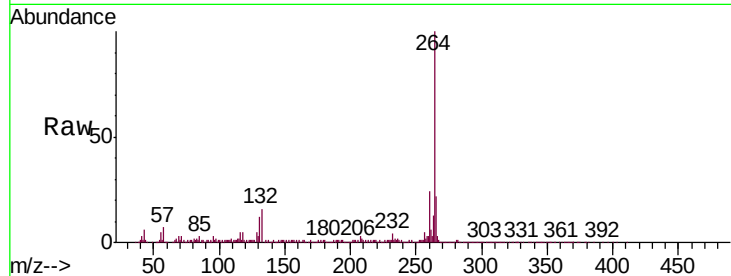
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	377636		
260	24.1	19.2	28.8	
265	21.7	17.5	26.3	

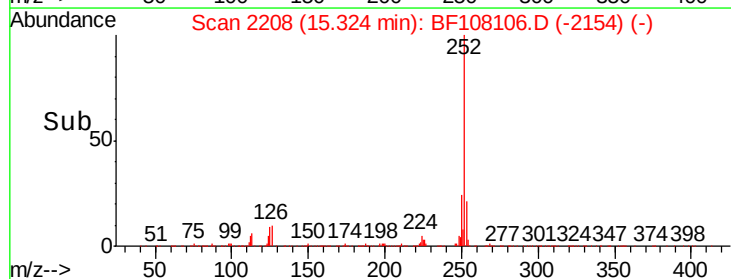
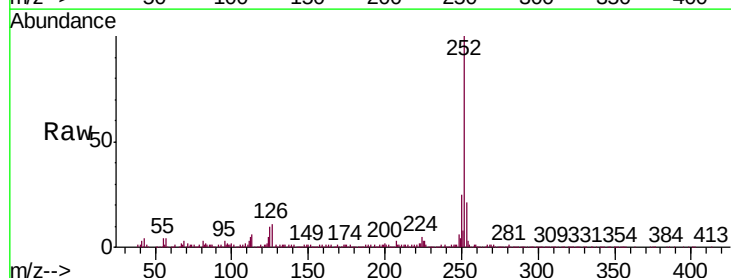
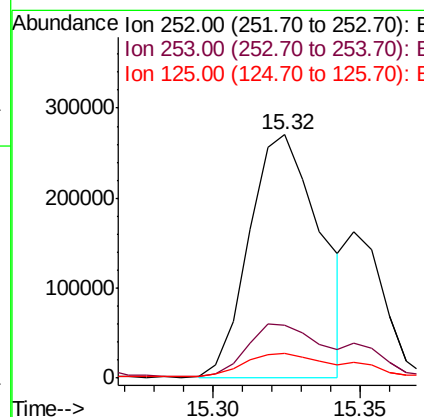
Manual Integrations
APPROVED

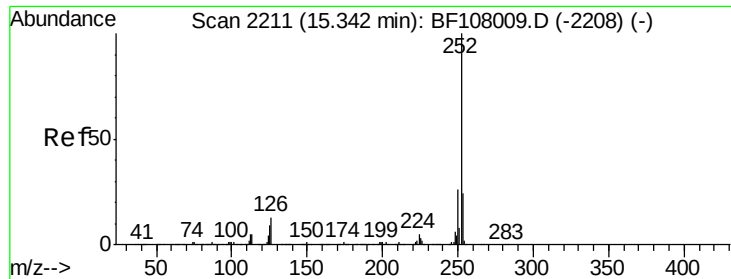
Sohil
8/13/2018 3:52:39 PM



#87
Benzo(b)fluoranthene
Concen: 20.227 ng m
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	456435		
253	21.5	17.0	25.6	
125	10.2	9.0	13.6	





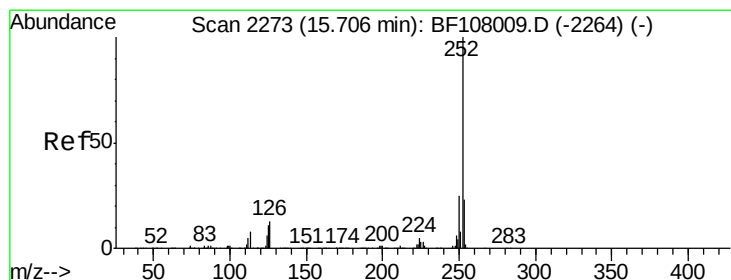
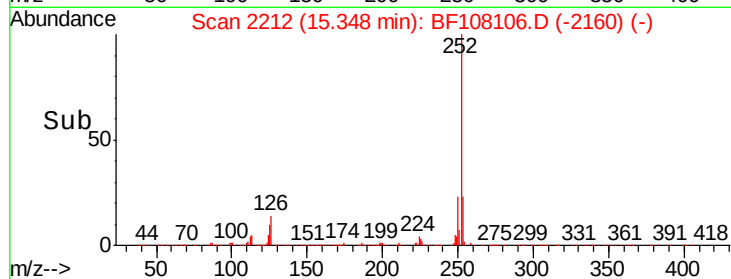
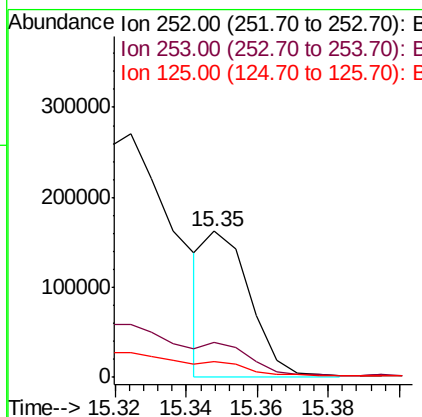
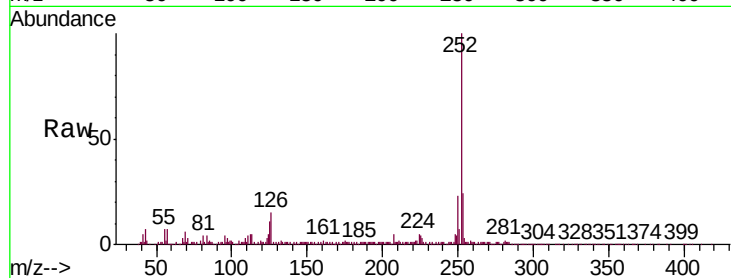
#88
Benzo(k)fluoranthene
Concen: 6.835 ng m
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	11.1	10.2	15.2

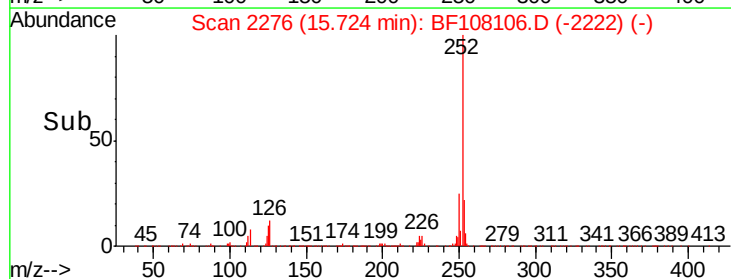
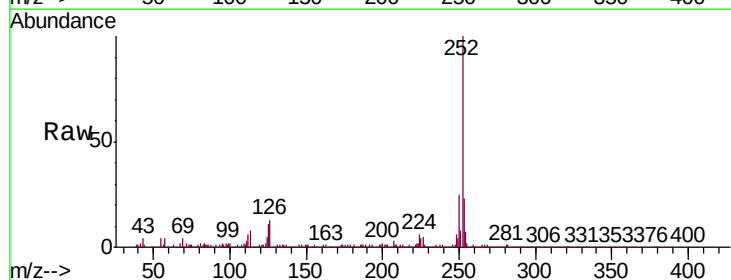
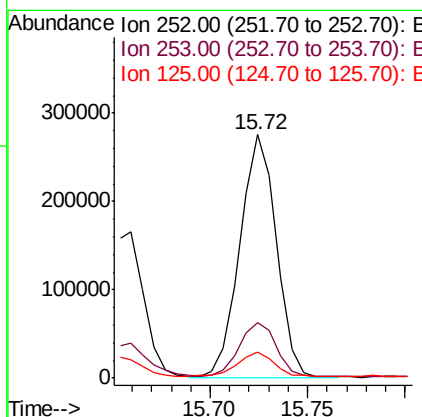
Manual Integrations
APPROVED

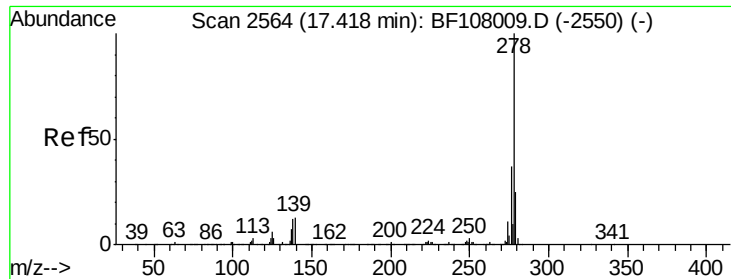
Sohil
8/13/2018 3:52:39 PM



#89
Benzo(a)pyrene
Concen: 17.563 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.7	9.8	14.6





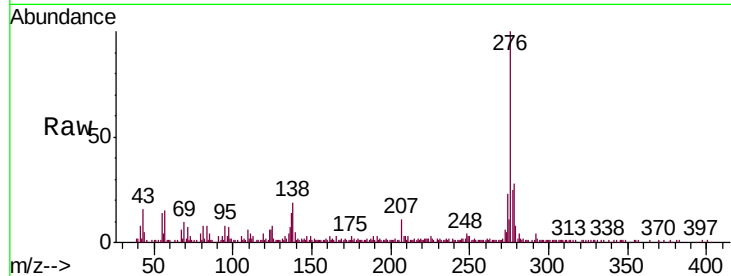
#90
Dibenzo(a,h)anthracene
Concen: 2.436 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10BDL

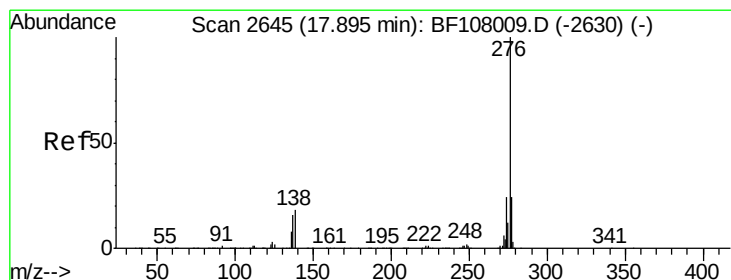
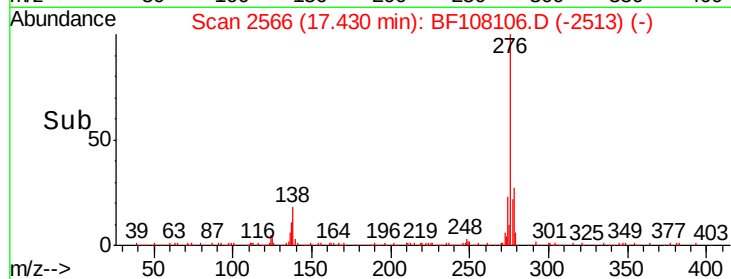
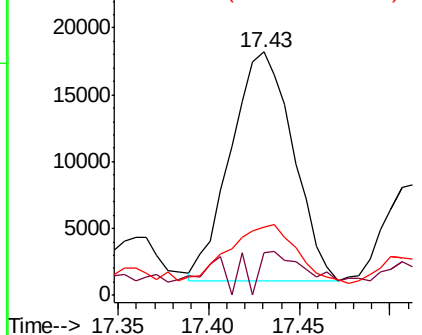
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	28.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/13/2018 3:52:39 PM

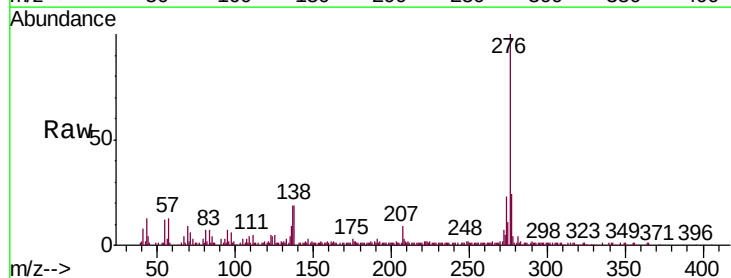


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 10.565 ng
RT: 17.92 min Scan# 2649
Delta R.T. 0.02 min
Lab File: BF108106.D
Acq: 11 Aug 2018 2:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	19.2	21.8	32.8#



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

