

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107662.D
 Acq On : 25 Jul 2018 17:34
 Operator : JU/SJ
 Sample : J4126-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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 7/26/2018 2:02:59 PM

Quant Time: Jul 26 10:26:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229163	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	874737	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	353333	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	610930	20.00	ng	0.00
75) Chrysene-d12	14.17	240	370333	20.00	ng	0.00
86) Perylene-d12	15.70	264	445308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	613405	43.04	ng	-0.01
7) Phenol-d6	6.60	99	823112	48.10	ng	-0.02
23) Nitrobenzene-d5	7.53	82	492424	37.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	189087	47.06	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	712716	27.02	ng	-0.02
78) Terphenyl-d14	13.09	244	527799	36.49	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.27	128	161128	4.189	ng	99
48) Acenaphthylene	9.87	152	491509	13.907	ng	99
49) Dimethylphthalate	9.71	163	210423	7.902	ng	# 98
51) Acenaphthene	10.04	154	282869	12.774	ng	97
54) Dibenzofuran	10.22	168	69108	2.120	ng	92
57) Fluorene	10.56	166	347934	14.960	ng	# 96
70) Phenanthrene	11.54	178	2371239	79.650	ng	97
71) Anthracene	11.58	178	1359633	45.359	ng	99
74) Fluoranthene	12.74	202	3556668	111.333	ng	95
77) Pyrene	12.98	202	4263496m	168.310	ng	
80) Benzo(a)anthracene	14.16	228	2288707	105.460	ng	# 74
82) Chrysene	14.19	228	2001847m	96.025	ng	
85) Indeno(1,2,3-cd)pyrene	17.29	276	930537m	52.666	ng	
87) Benzo(b)fluoranthene	15.25	252	2019914m	82.881	ng	
88) Benzo(k)fluoranthene	15.27	252	701001m	29.359	ng	
89) Benzo(a)pyrene	15.65	252	2076963	93.166	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	227395m	11.800	ng	
91) Benzo(g,h,i)perylene	17.77	276	974693m	51.277	ng	

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

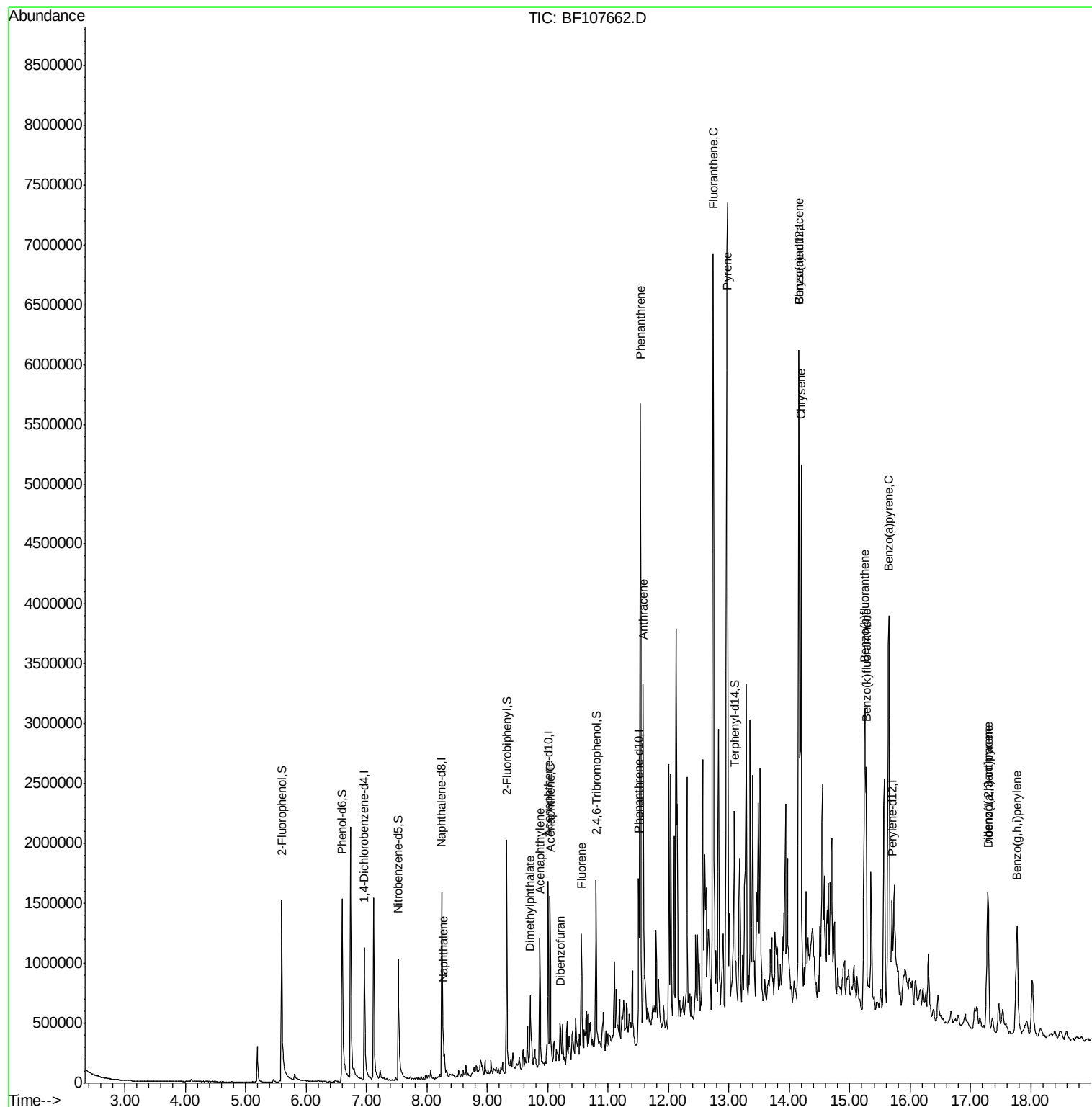
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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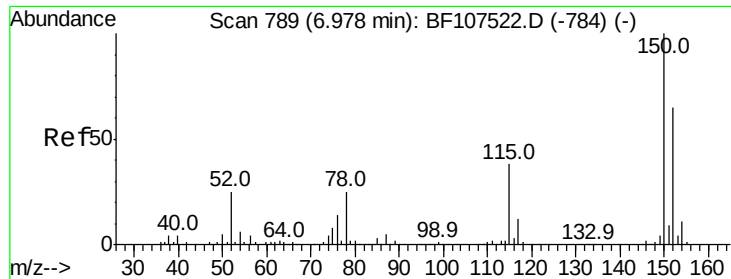
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

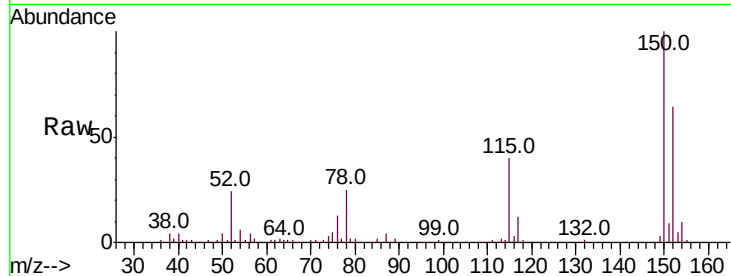
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	61.9	50.1	75.1

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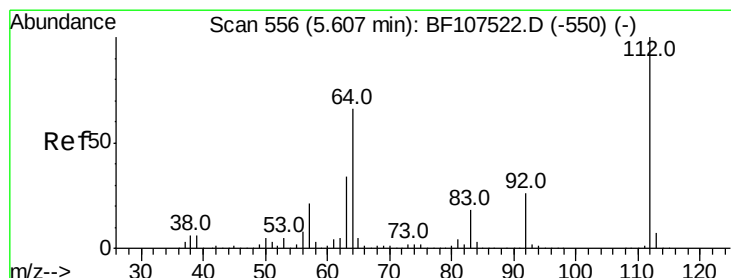
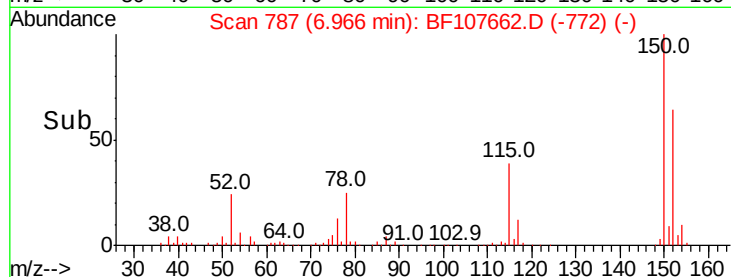
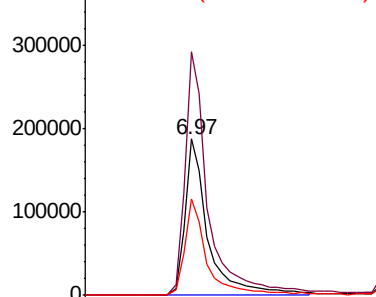


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

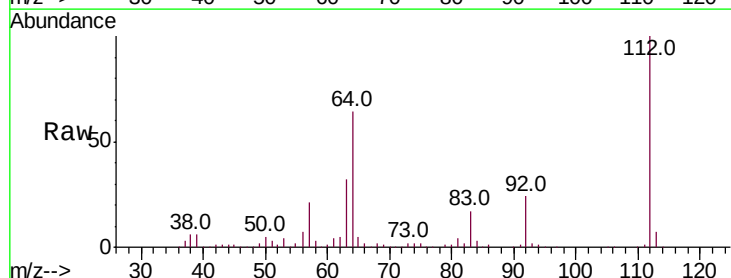
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.037 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	31.7	23.7	35.5

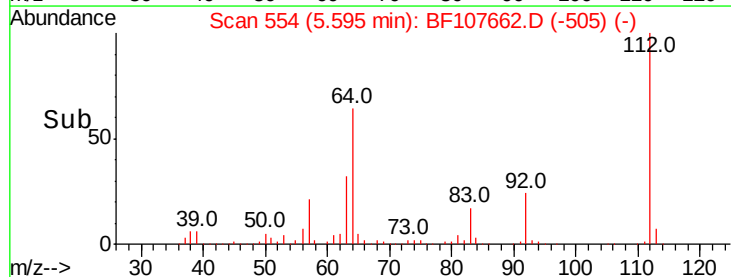
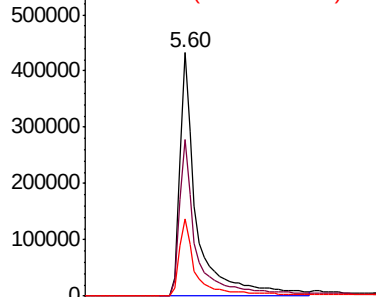


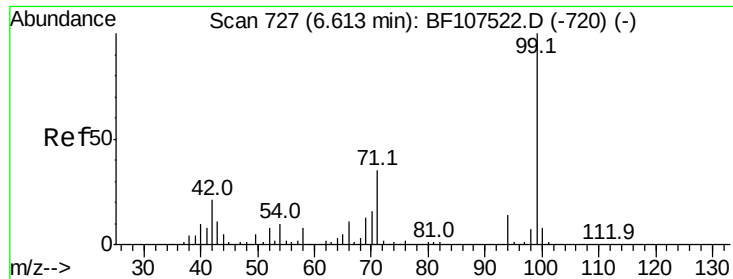
Abundance

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: 48.095 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

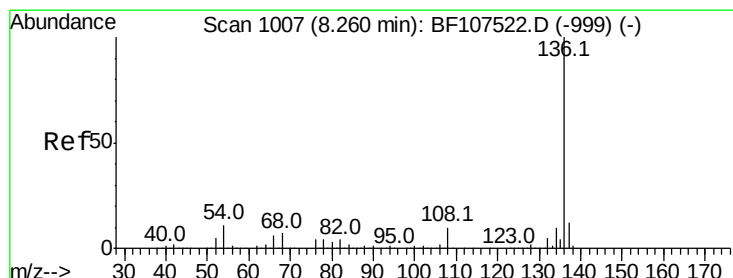
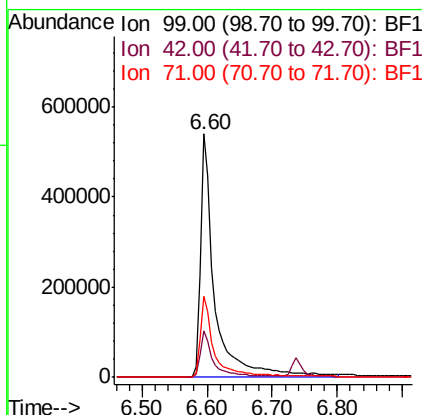
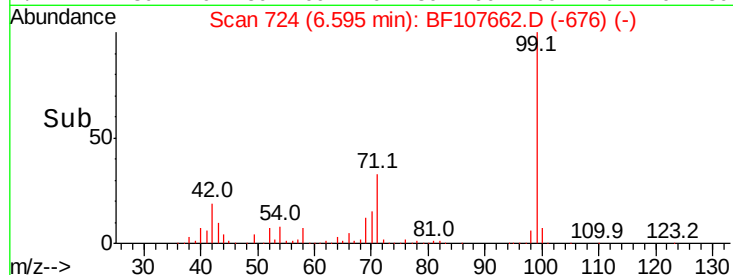
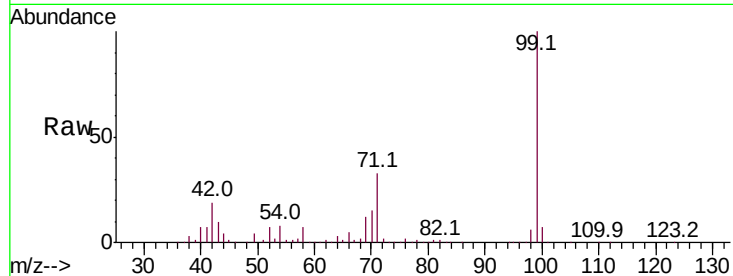
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:	99	Resp:	823112
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

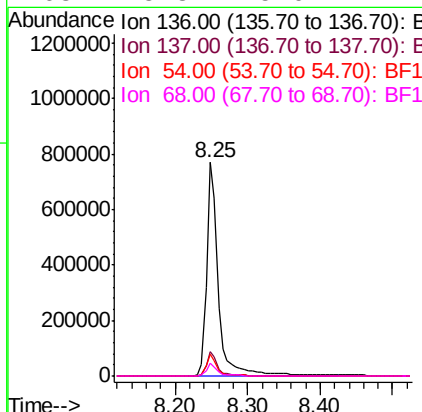
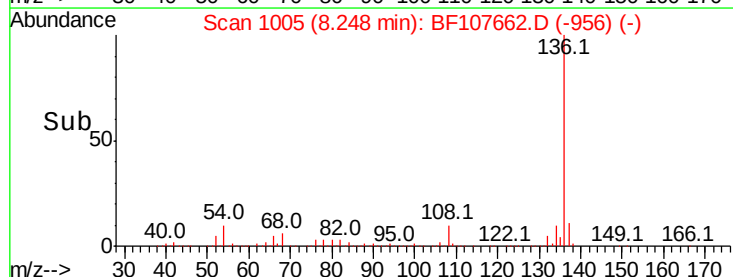
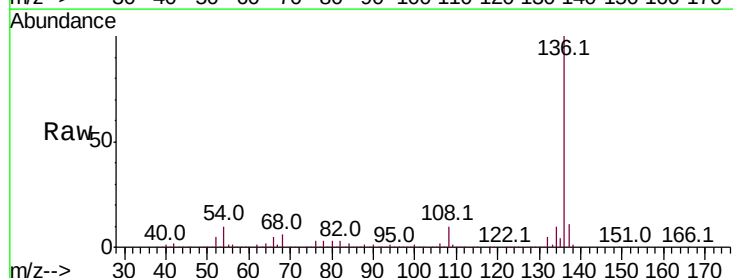
RT: 8.25 min Scan# 1005

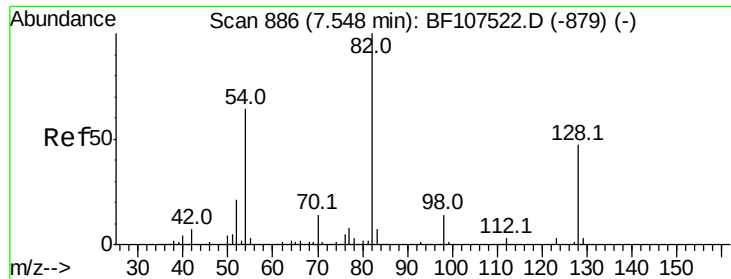
Delta R.T. -0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Tgt Ion:	136	Resp:	874737
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	9.9	6.6	9.8#
68	5.8	5.0	7.4





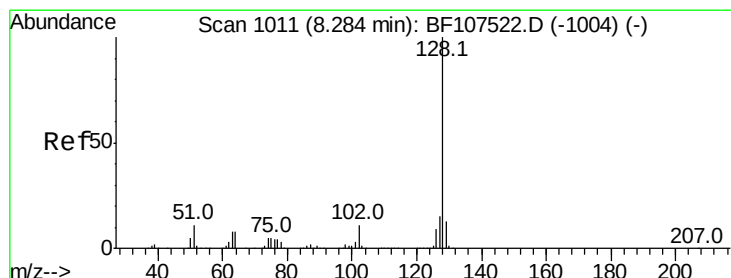
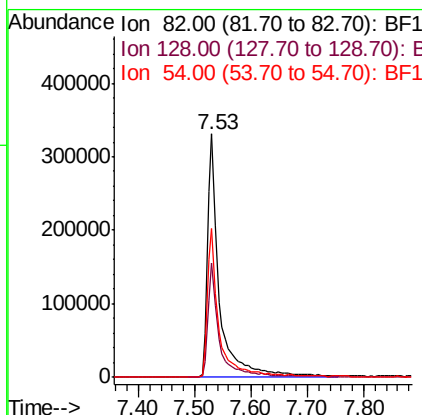
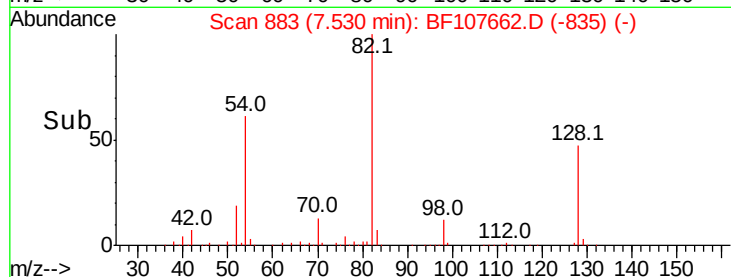
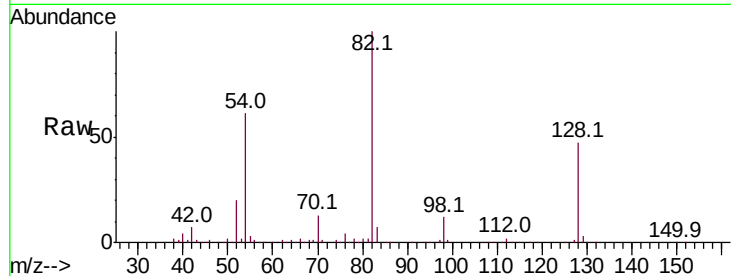
#23
 Nitrobenzene-d5
 Concen: 37.991 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107662.D
 Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	61.0	41.4	62.2

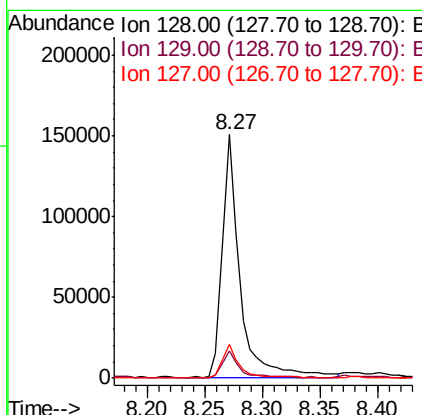
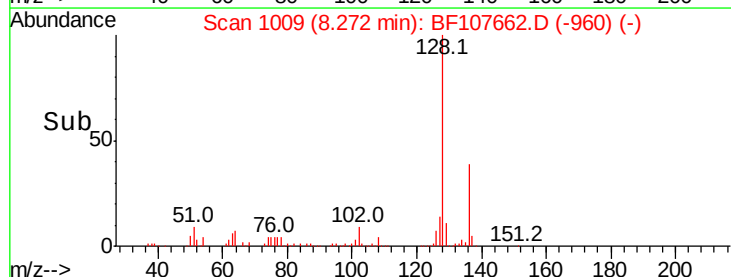
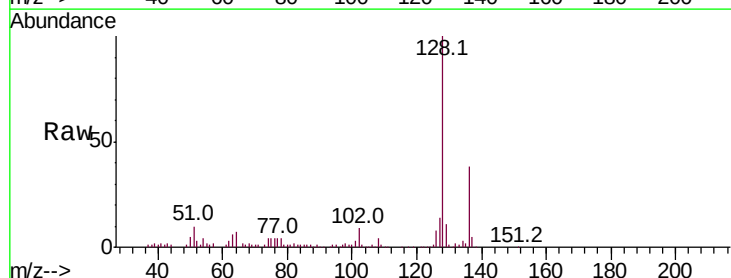
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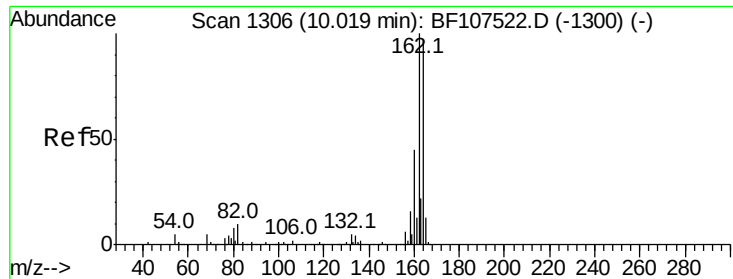
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#31
 Naphthalene
 Concen: 4.189 ng
 RT: 8.27 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF107662.D
 Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.8	10.9	16.3





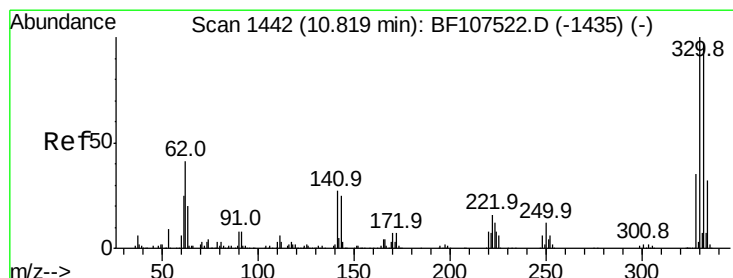
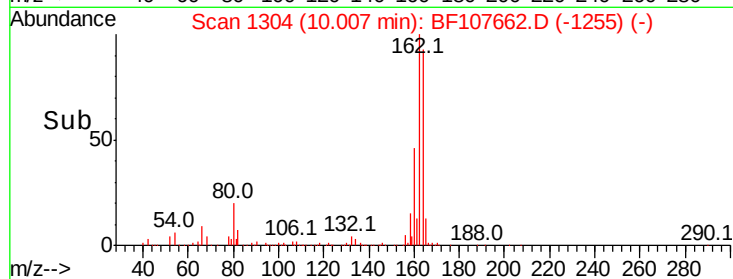
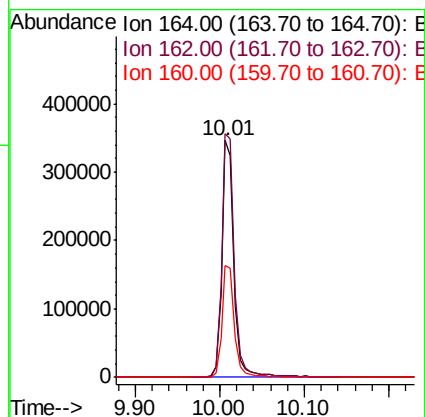
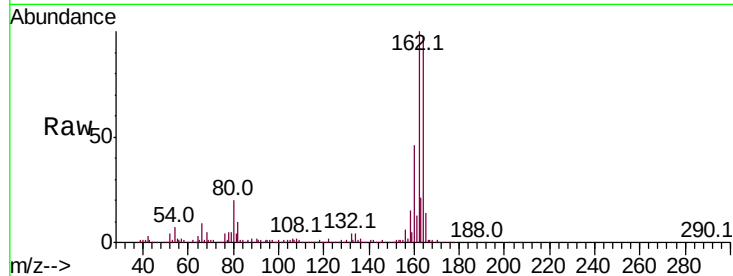
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	86.1	129.1	
160	47.0	38.3	57.5	

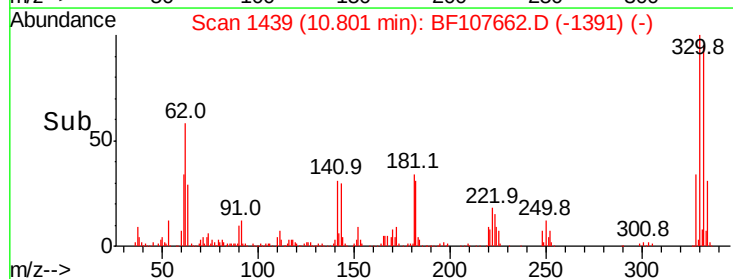
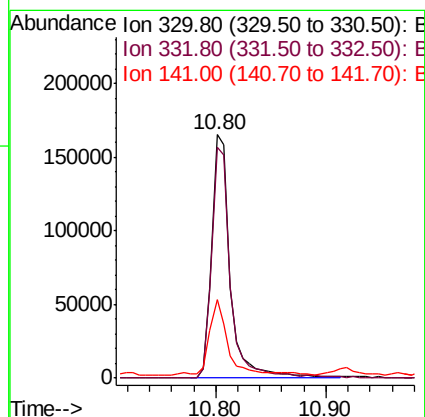
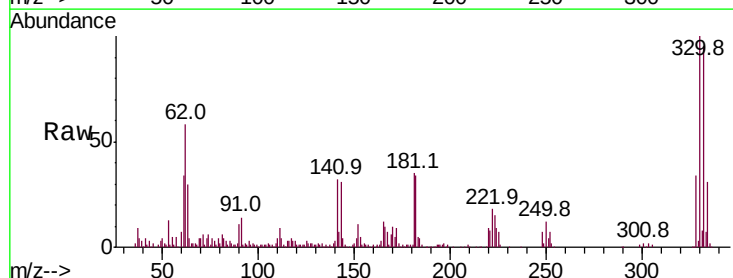
Manual Integrations
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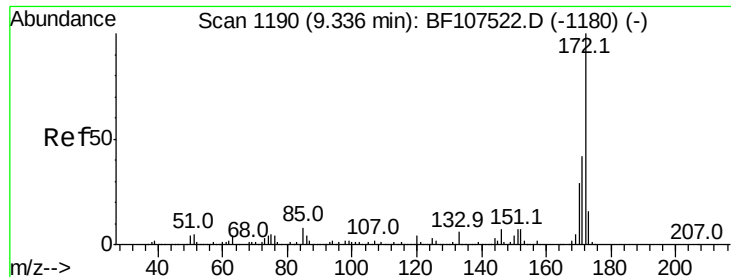
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#41
2,4,6-Tribromophenol
Concen: 47.061 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.0	115.6	
141	29.2	29.9	44.9#	





#44

2-Fluorobiphenyl

Concen: 27.023 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

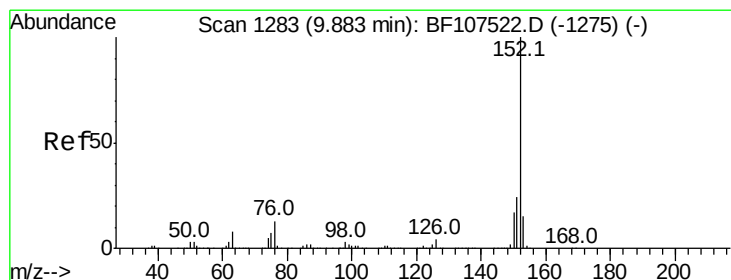
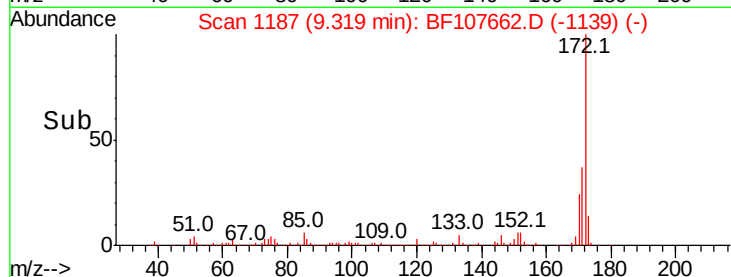
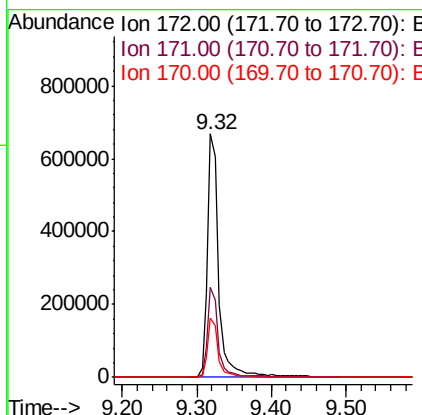
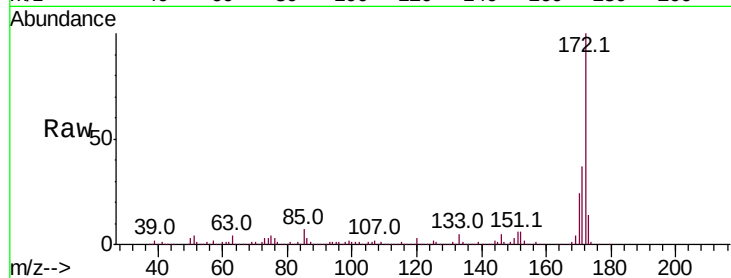
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:	172	Resp:	712716
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

Manual Integrations
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#48

Acenaphthylene

Concen: 13.907 ng

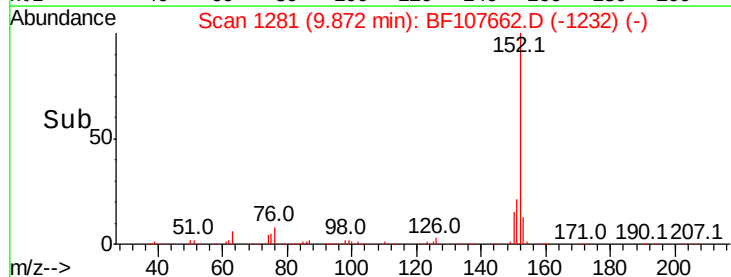
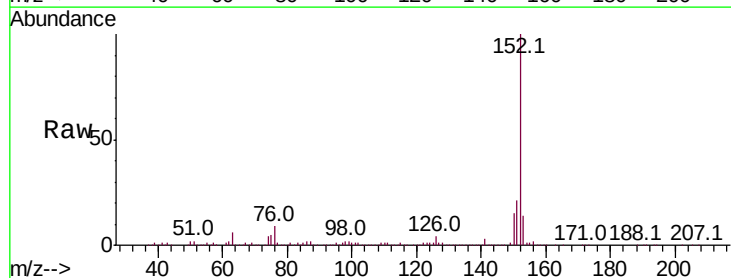
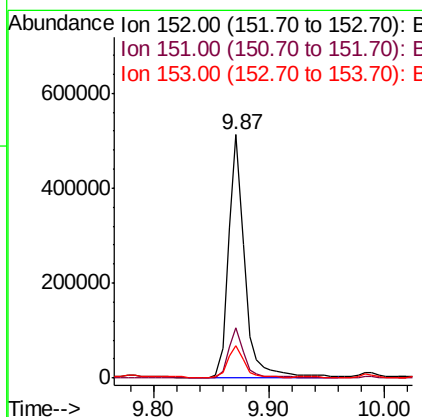
RT: 9.87 min Scan# 1281

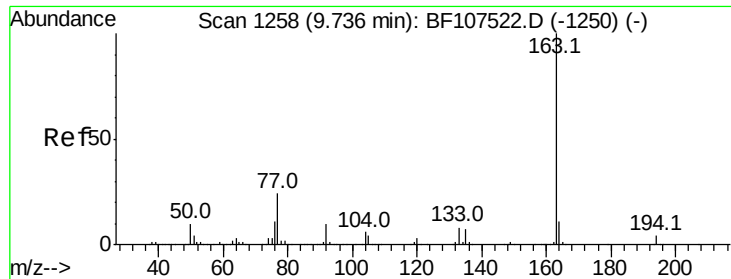
Delta R.T. -0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Tgt Ion:	152	Resp:	491509
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1





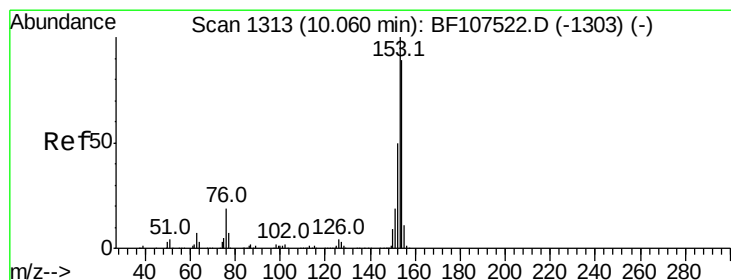
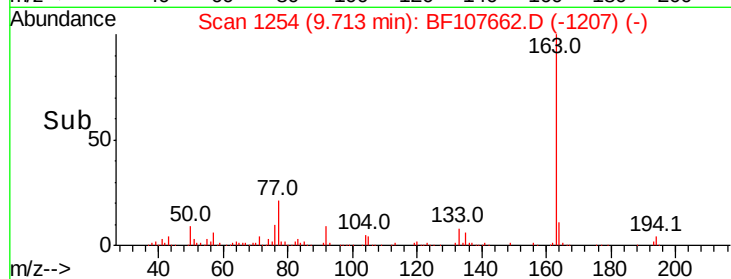
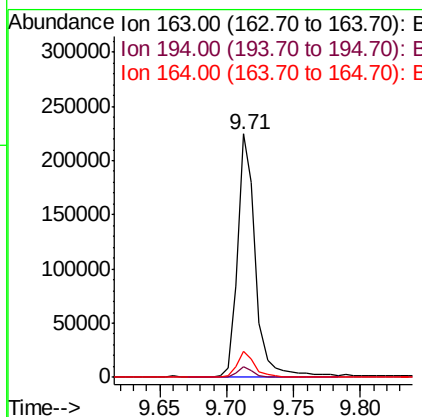
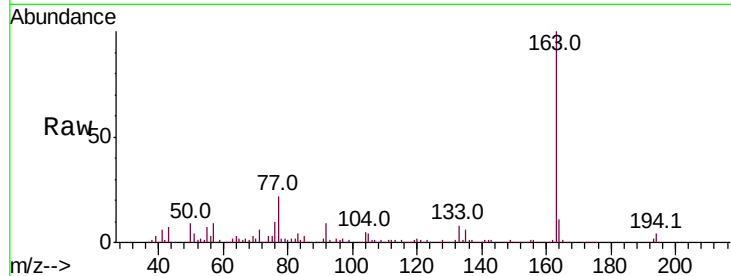
#49
Dimethylphthalate
Concen: 7.902 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	210423		
194	4.1	2.7	4.1#	
164	10.7	8.2	12.2	

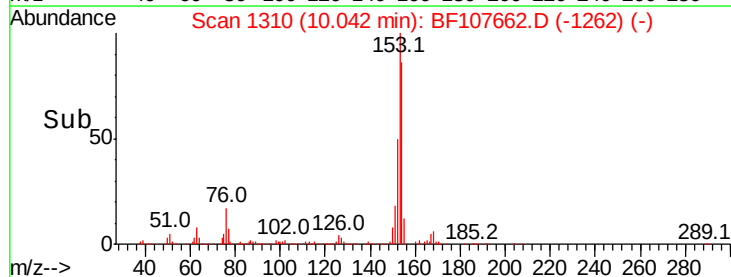
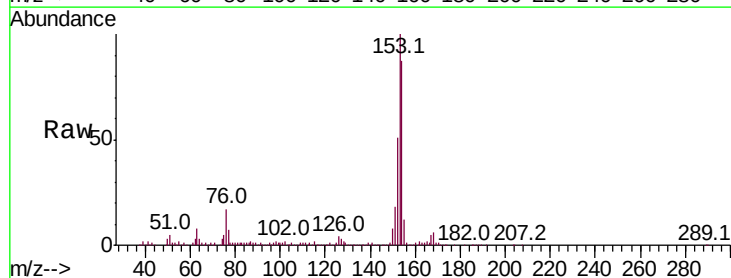
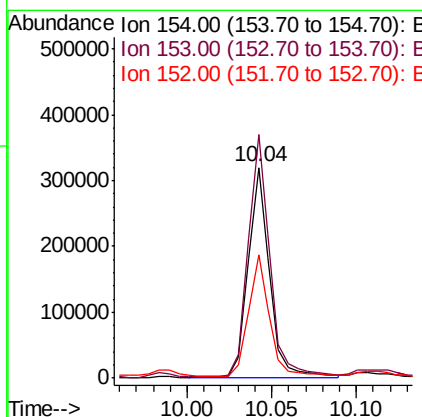
Manual Integrations
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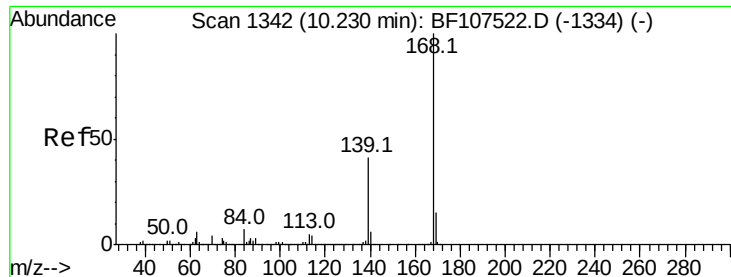
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#51
Acenaphthene
Concen: 12.774 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	282869		
153	115.5	91.2	136.8	
152	58.5	43.8	65.8	





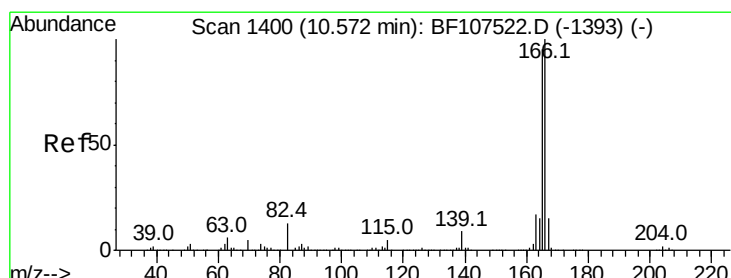
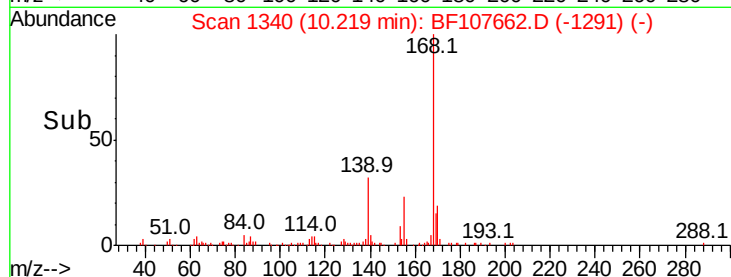
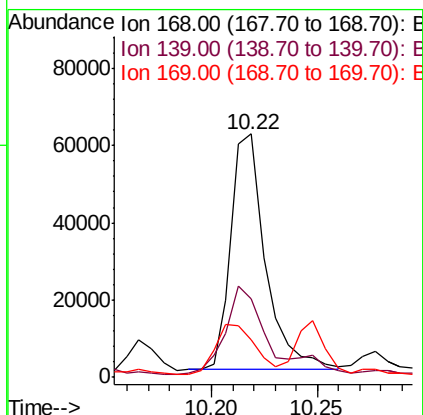
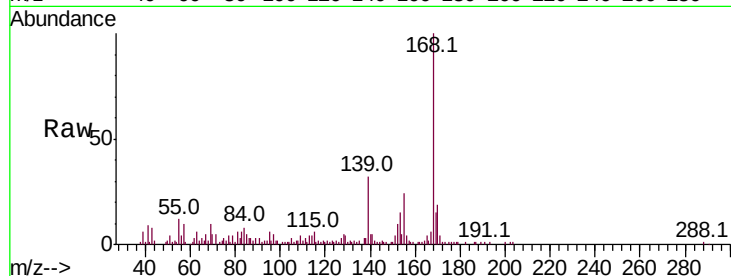
#54
Dibenzenofuran
Concen: 2.120 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.5	30.1	45.1
169	15.5	10.9	16.3

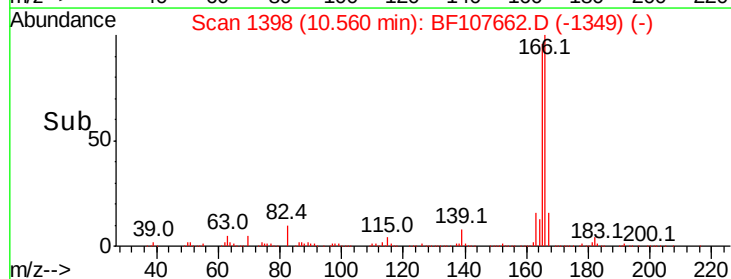
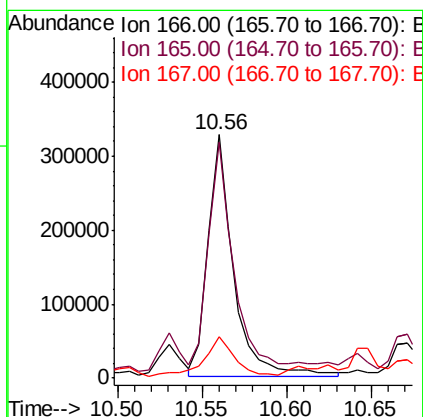
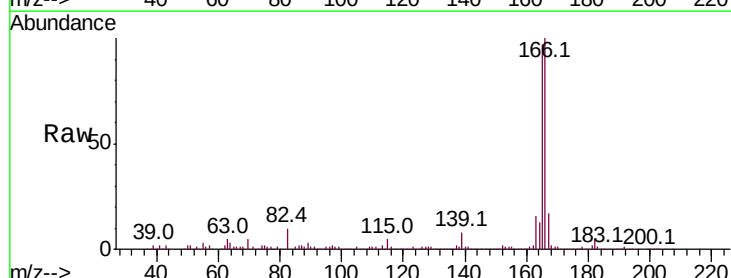
Manual Integrations
APPROVED

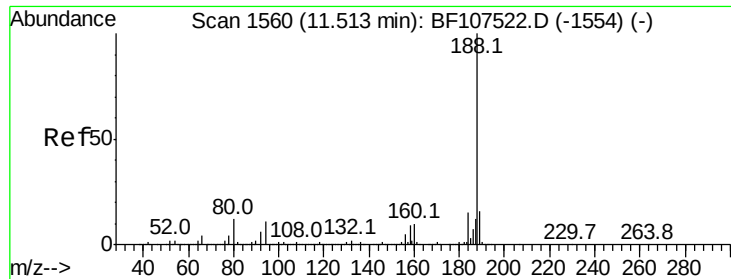
Sohil
7/26/2018 2:02:59 PM



#57
Fluorene
Concen: 14.960 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	16.7	10.6	16.0#





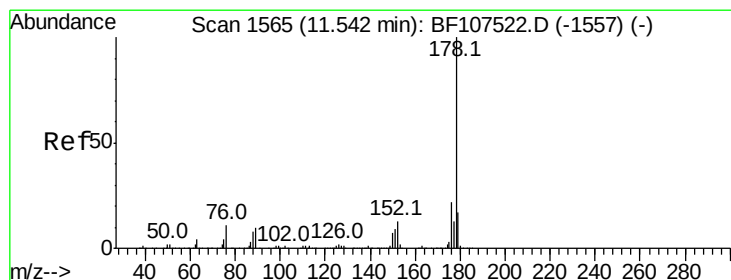
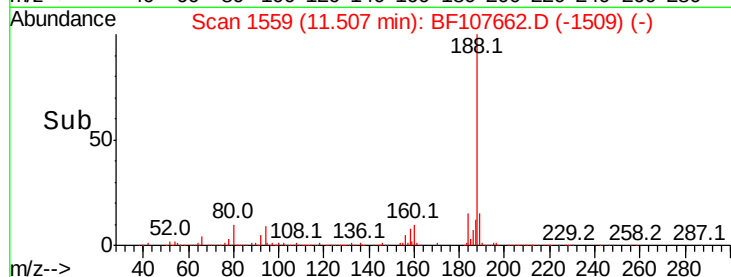
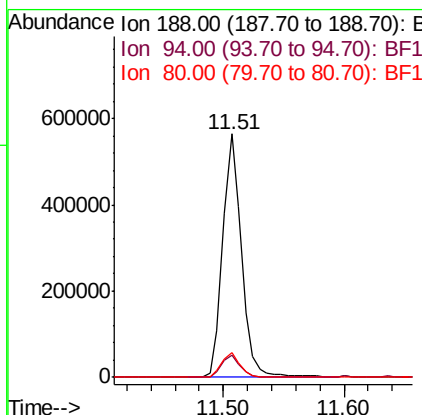
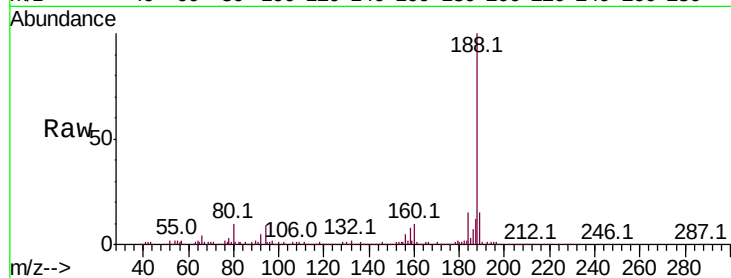
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	610930		
94	9.1		8.5	12.7
80	10.0		9.2	13.8

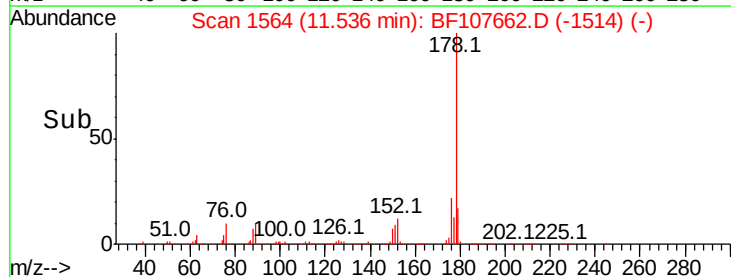
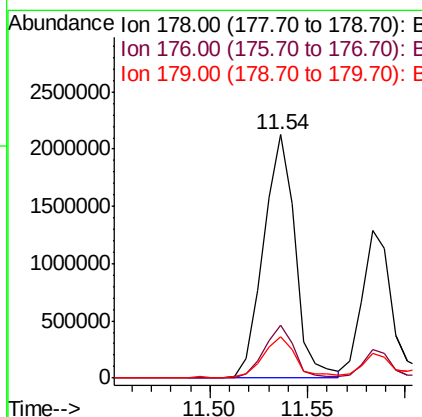
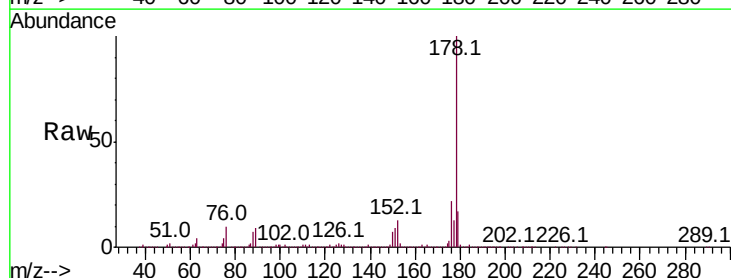
Manual Integrations
APPROVED

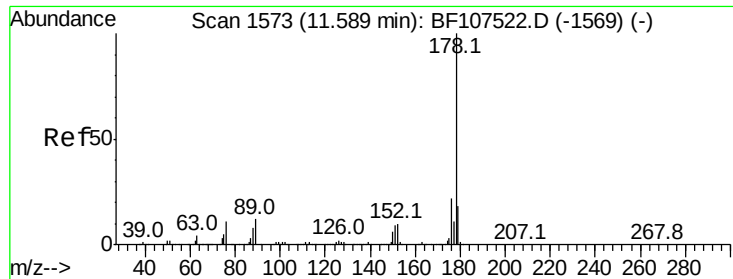
Sohil
7/26/2018 2:02:59 PM



#70
Phenanthrene
Concen: 79.650 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2371239		
176	21.9		15.8	23.8
179	17.2		13.0	19.6





#71

Anthracene

Concen: 45.359 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:178 Resp: 1359633

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

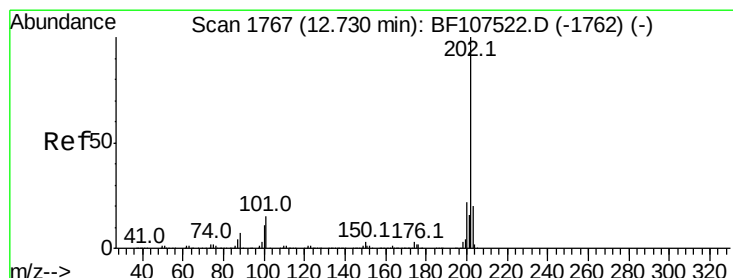
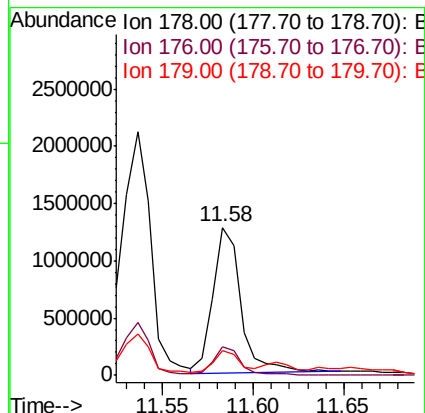
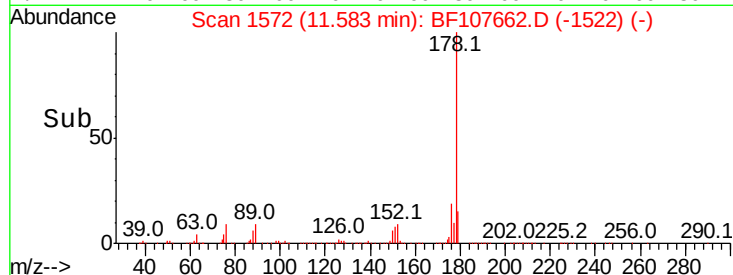
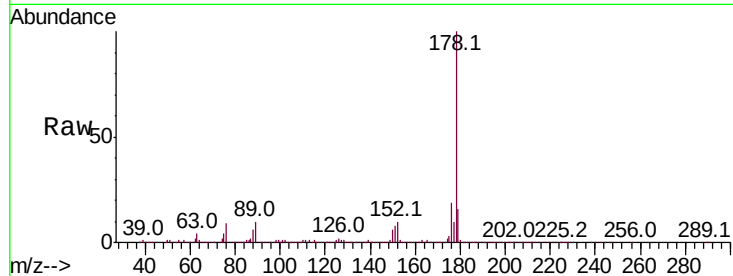
179 16.4 12.6 19.0

Manual Integrations

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Sohil

7/26/2018 2:02:59 PM



#74

Fluoranthene

Concen: 111.333 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

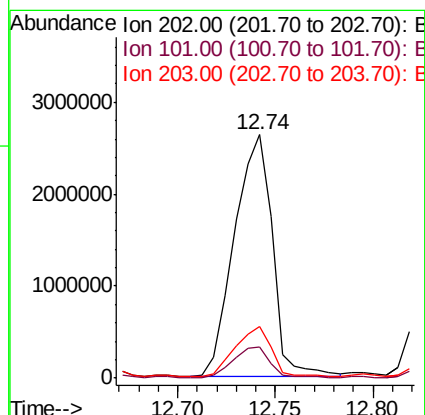
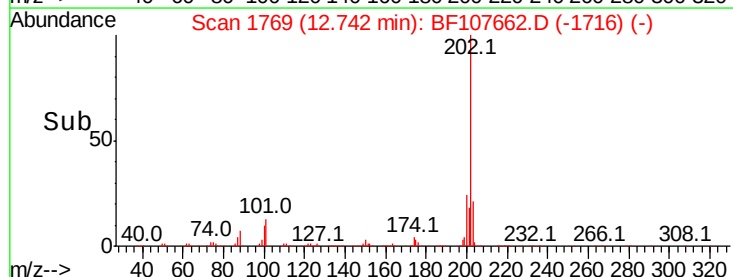
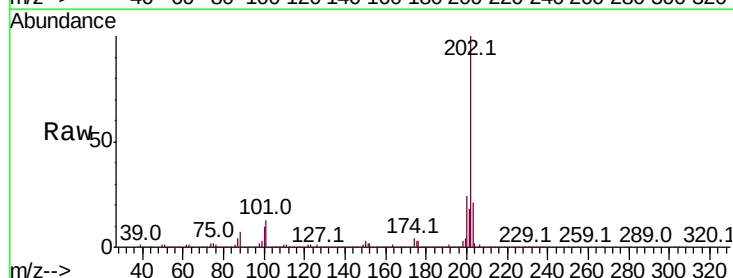
Tgt Ion:202 Resp: 3556668

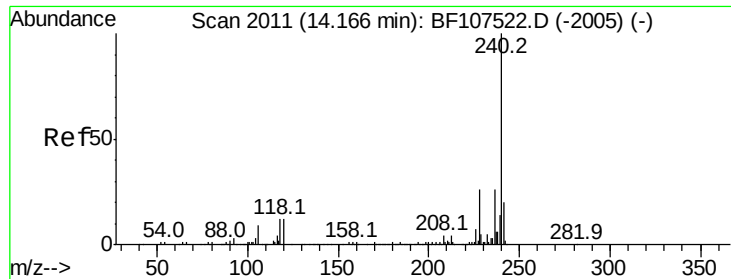
Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

203 21.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

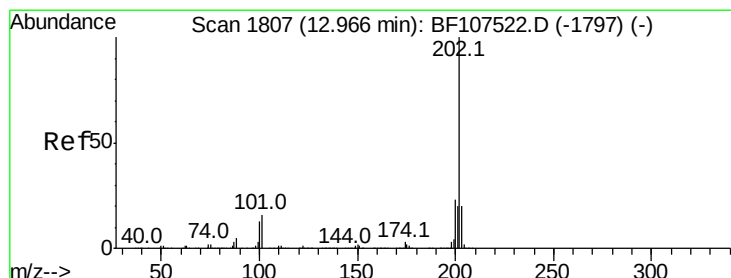
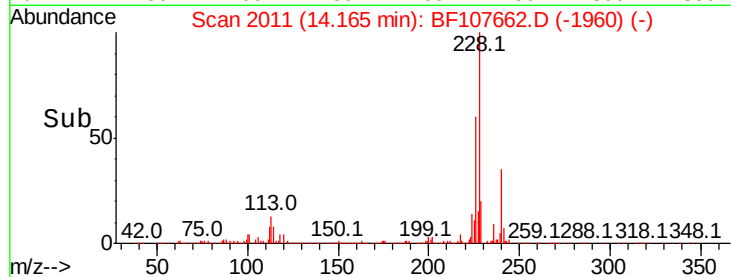
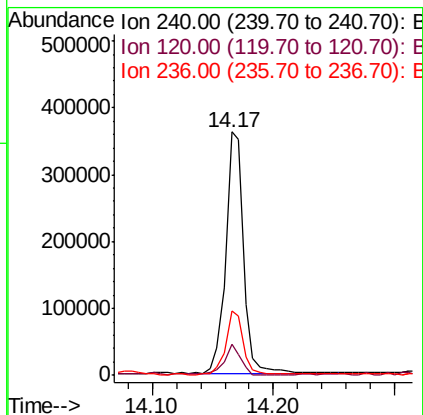
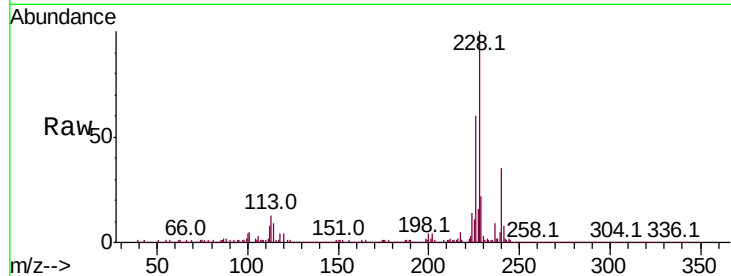
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:	240	Resp:	370333
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 168.310 ng m

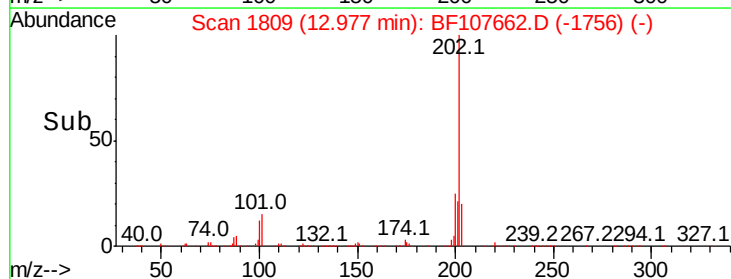
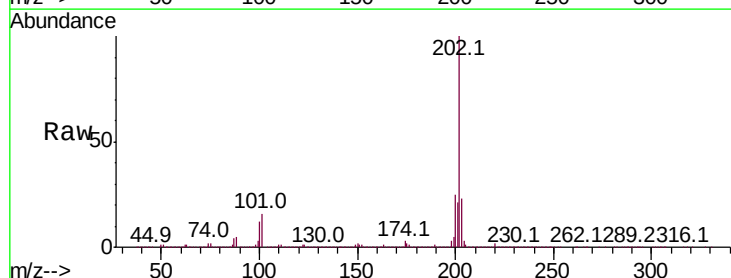
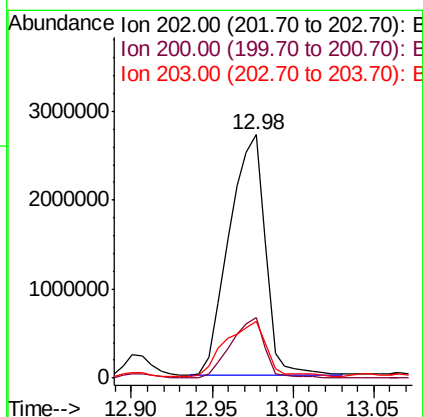
RT: 12.98 min Scan# 1809

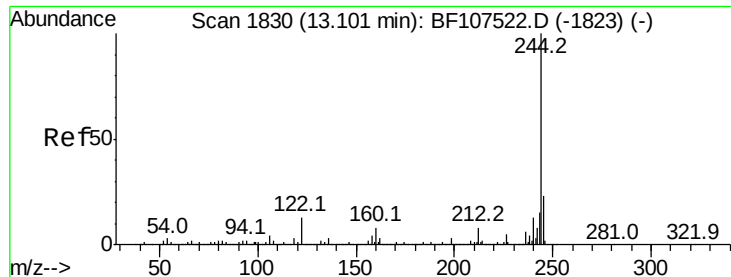
Delta R.T. 0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Tgt Ion:	202	Resp:	4263496
Ion Ratio	Lower	Upper	
202	100		
200	24.9	17.4	26.2
203	23.1	14.3	21.5#





#78

Terphenyl-d14

Concen: 36.486 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

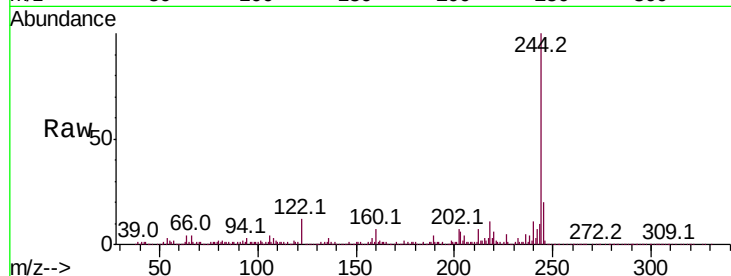
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

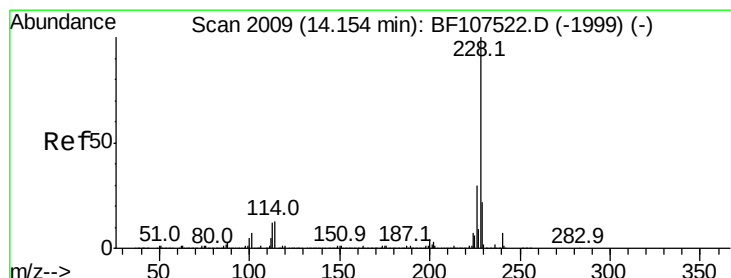
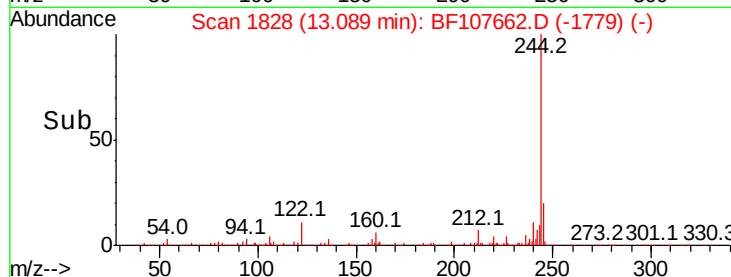
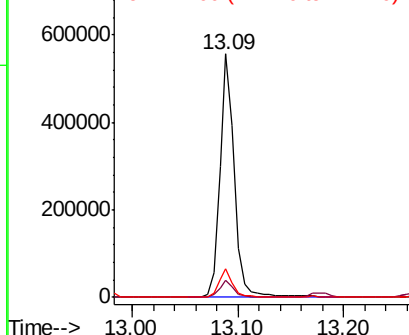
Tot Ion:	244	Resp:	527799
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 105.460 ng

RT: 14.16 min Scan# 2010

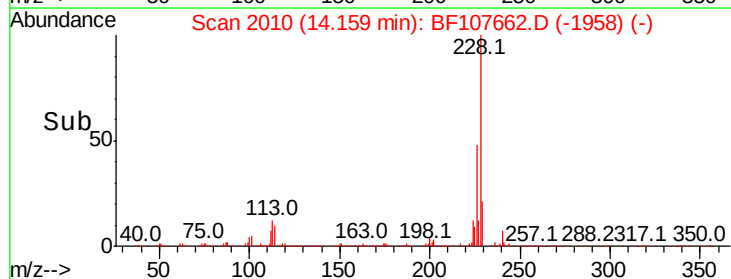
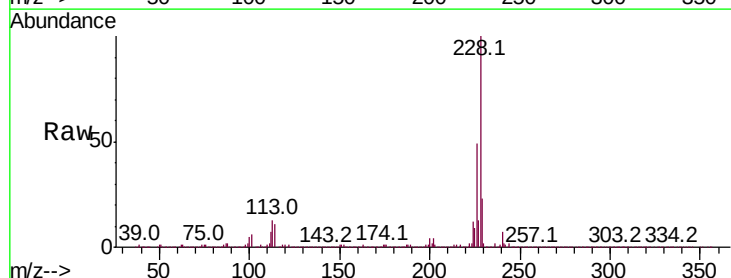
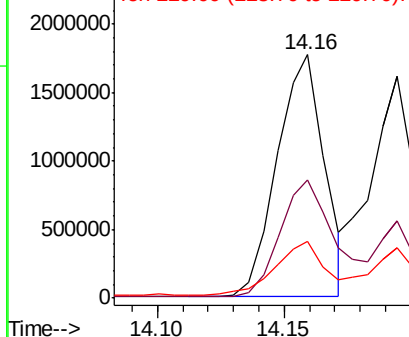
Delta R.T. 0.01 min

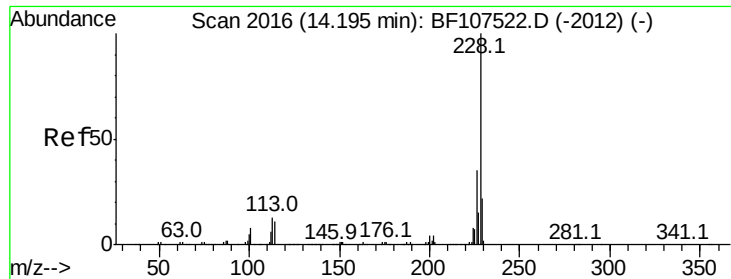
Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Tgt Ion:	228	Resp:	2288707
Ion Ratio	Lower	Upper	
228	100		
226	48.7	22.6	33.8#
229	23.1	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





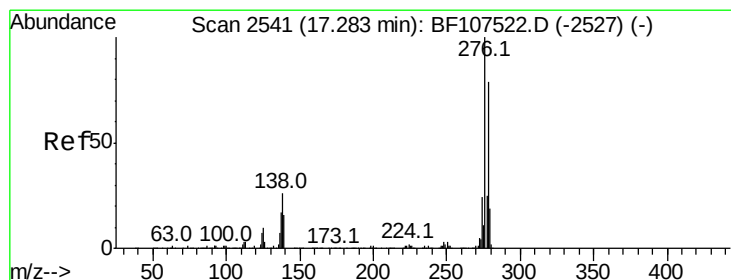
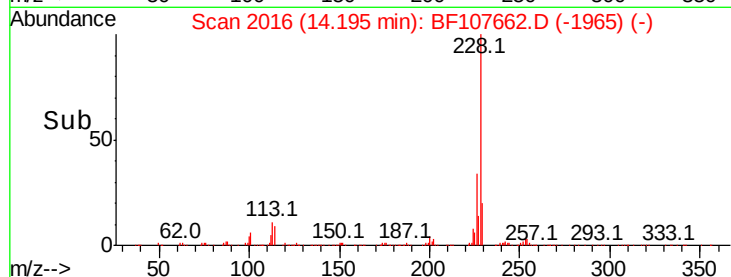
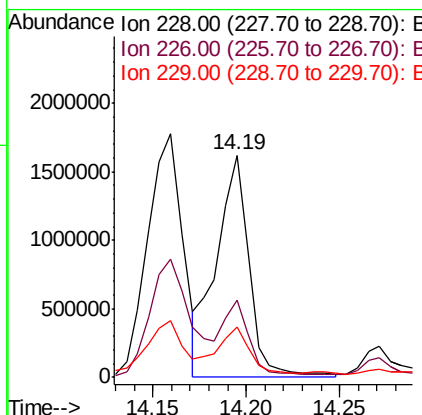
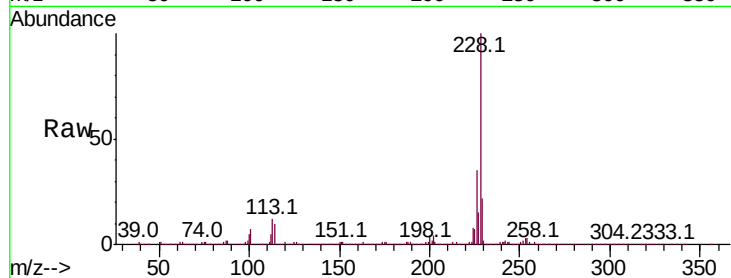
#82
Chrysene
Concen: 96.025 ng m
RT: 14.19 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion:228 Resp: 2001847
Ion Ratio Lower Upper
228 100
226 34.7 25.0 37.6
229 22.4 16.2 24.4

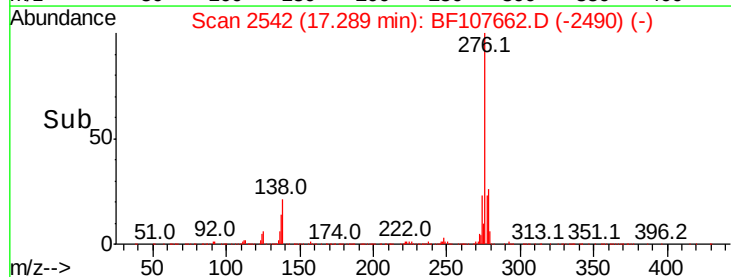
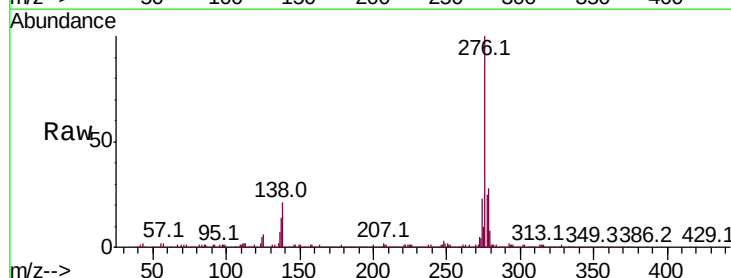
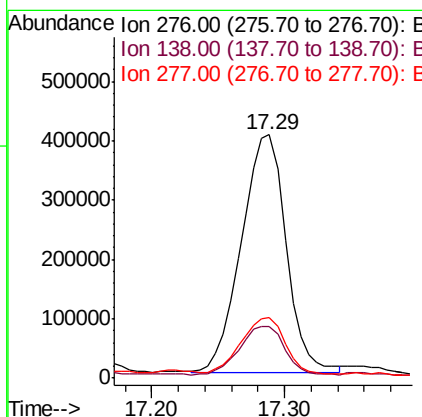
Manual Integrations
APPROVED

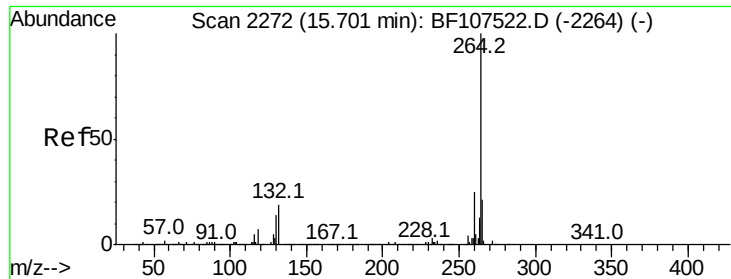
Sohil
7/26/2018 2:02:59 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 52.666 ng m
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion:276 Resp: 930537
Ion Ratio Lower Upper
276 100
138 1.5 25.0 37.6#
277 1.2 20.1 30.1#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

Instrument :

BNA_F

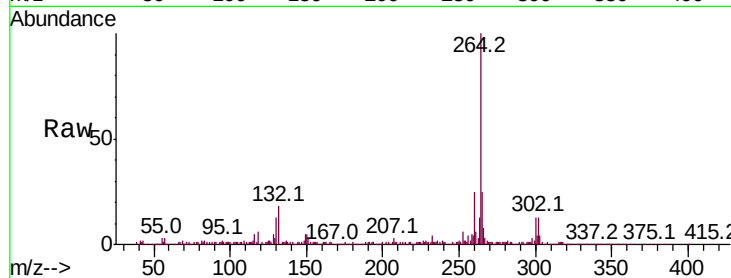
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:	264	Resp:	445308
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	25.5	17.5	26.3

Manual Integrations
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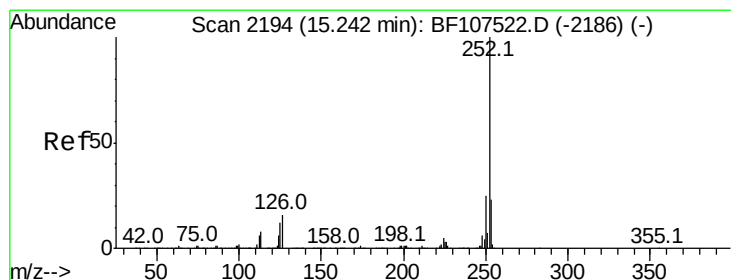
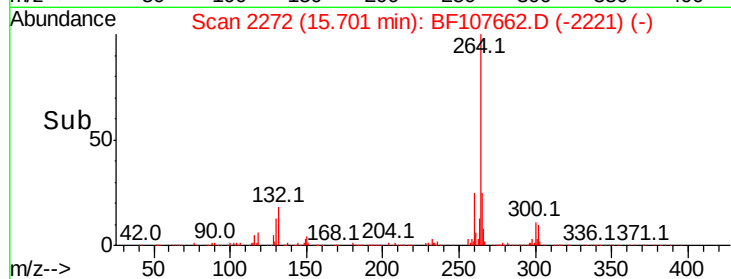
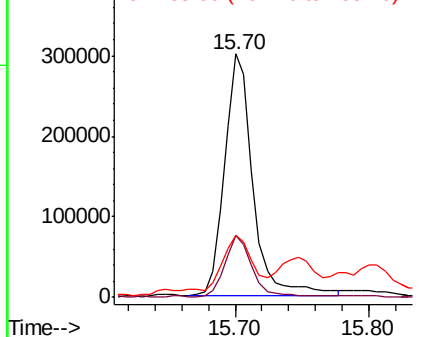


Abundance

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: 82.881 ng m

RT: 15.25 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF107662.D

Acq: 25 Jul 2018 17:34

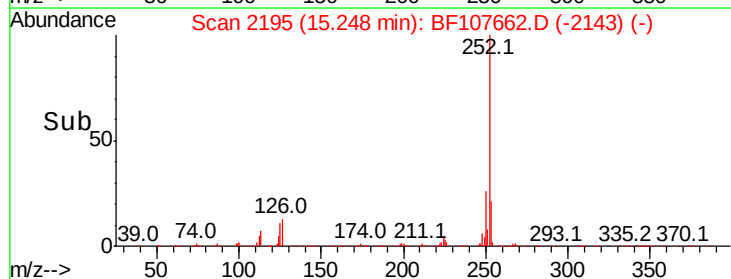
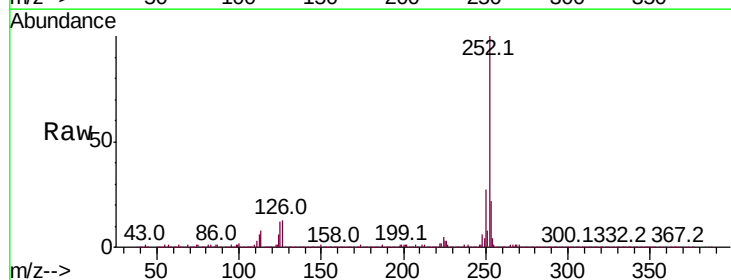
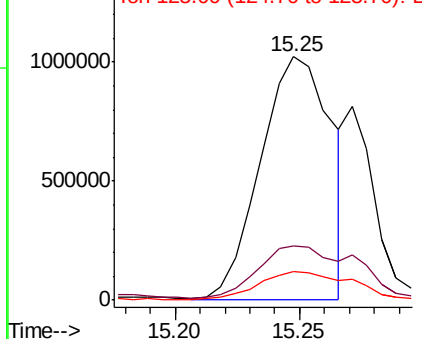
Tgt Ion:	252	Resp:	2019914
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	11.7	9.0	13.6

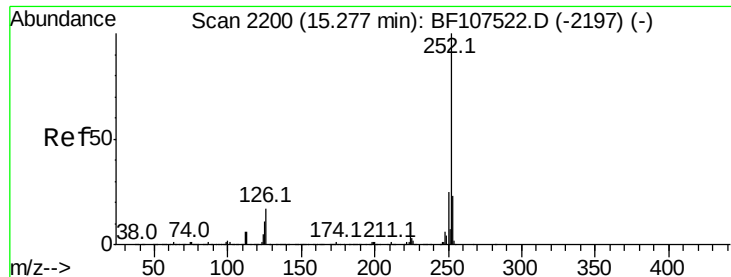
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





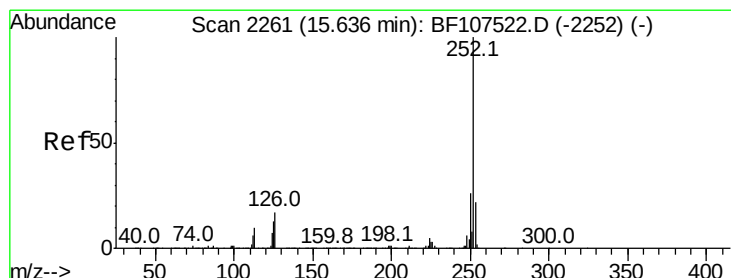
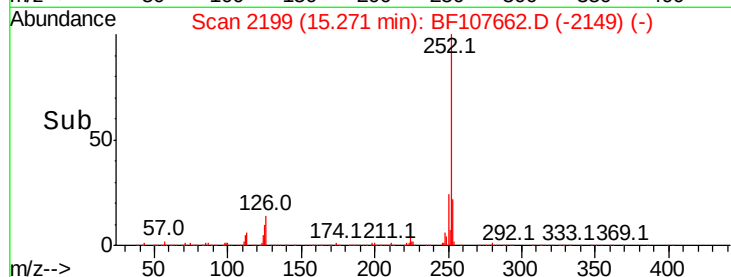
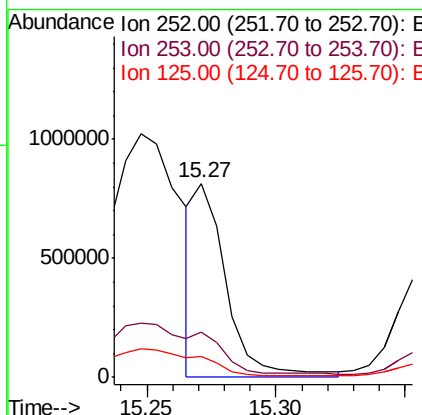
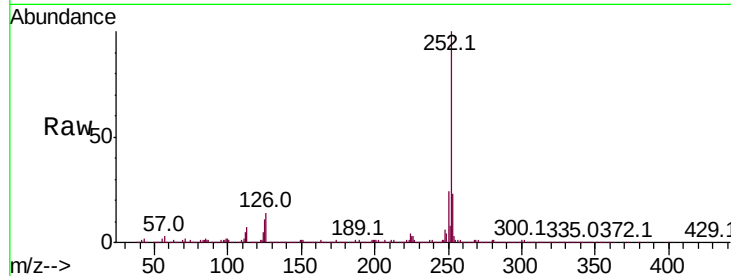
#88
Benzo(k)fluoranthene
Concen: 29.359 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.6	10.2	15.2

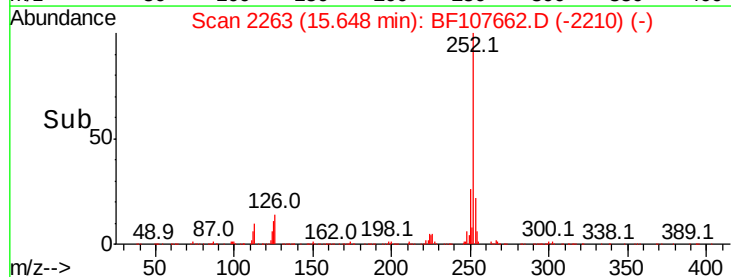
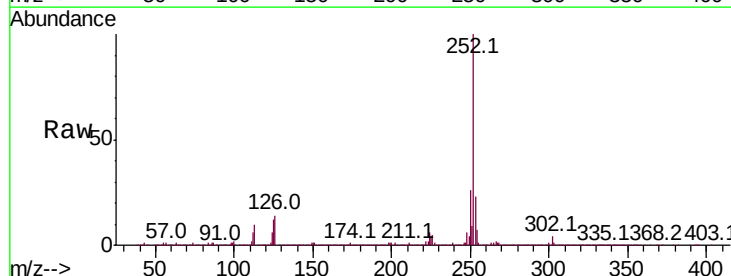
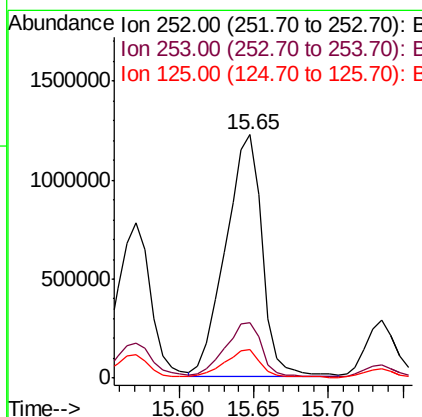
Manual Integrations
APPROVED

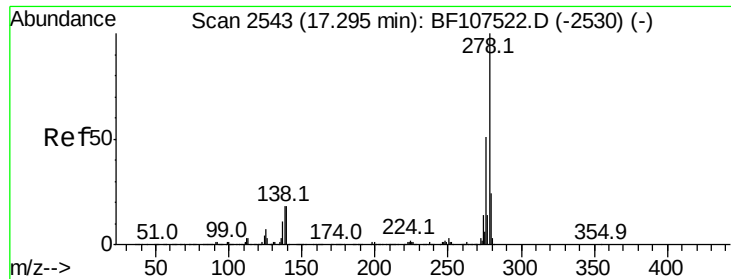
Sohil
7/26/2018 2:02:59 PM



#89
Benzo(a)pyrene
Concen: 93.166 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.6	9.8	14.6





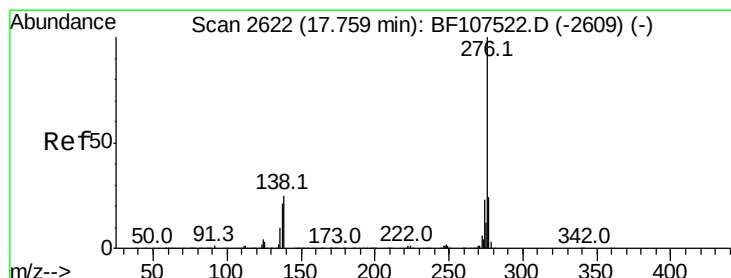
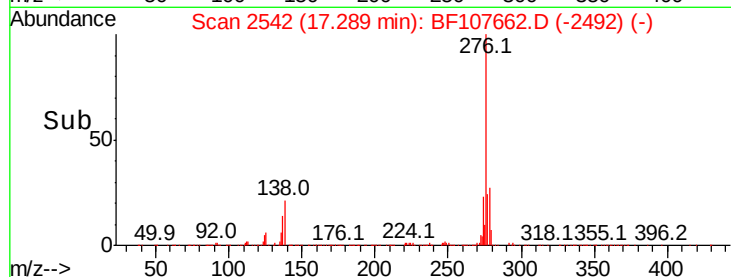
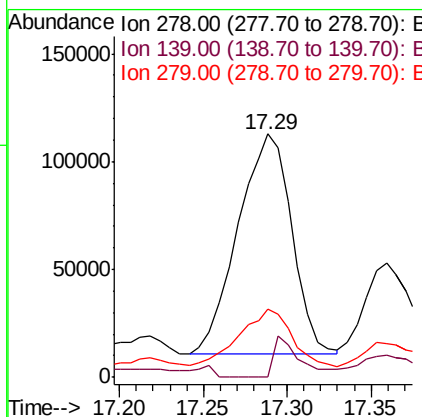
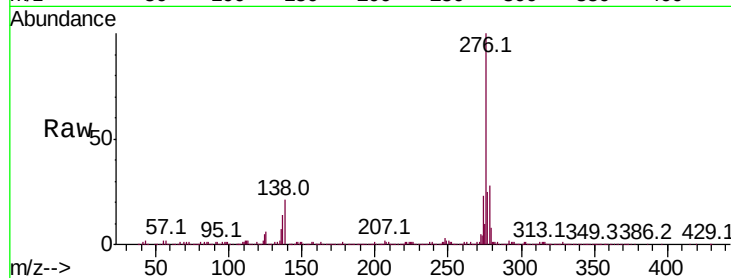
#90
Dibenzo(a,h)anthracene
Concen: 11.800 ng m
RT: 17.29 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	28.2	19.0	28.4

Manual Integrations
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Sohil
7/26/2018 2:02:59 PM



#91
Benzo(g,h,i)perylene
Concen: 51.277 ng m
RT: 17.77 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF107662.D
Acq: 25 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	21.4	21.8	32.8#

