

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107874.D
 Acq On : 1 Aug 2018 2:21
 Operator : JU/SJ
 Sample : J4231-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

Quant Time: Aug 01 04:50:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

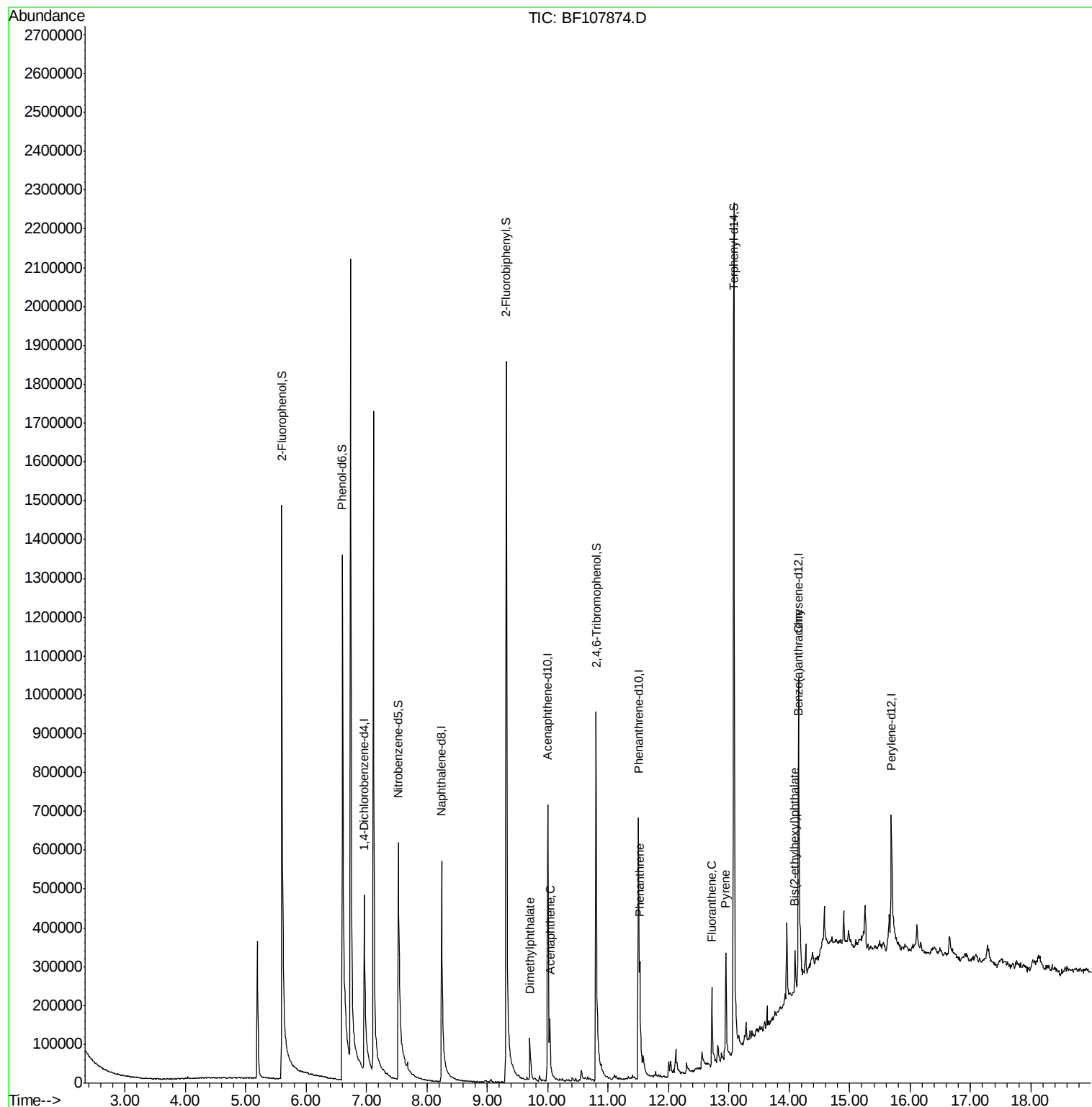
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130035	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	496552	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	196310	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	393563	20.00	ng	0.00
75) Chrysene-d12	14.15	240	354893	20.00	ng	0.00
86) Perylene-d12	15.69	264	258712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	735488	96.13	ng	0.00
7) Phenol-d6	6.60	99	852933	84.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	519160	60.23	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	209812	78.66	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	926626	65.78	ng	0.00
78) Terphenyl-d14	13.08	244	978574	59.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	76276	5.174	ng	Qvalue # 98
51) Acenaphthene	10.04	154	33450	2.757	ng	99
70) Phenanthrene	11.52	178	112223	6.005	ng	97
74) Fluoranthene	12.72	202	111515	5.079	ng	96
77) Pyrene	12.95	202	165565	6.479	ng	96
80) Benzo(a)anthracene	14.14	228	43313	2.155	ng	# 86
83) Bis(2-ethylhexyl)phthalate	14.09	149	29061	2.066	ng	96

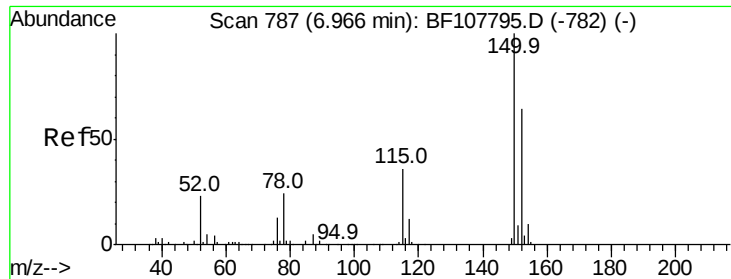
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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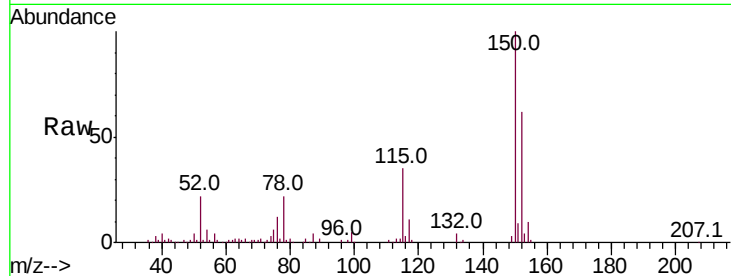


#1

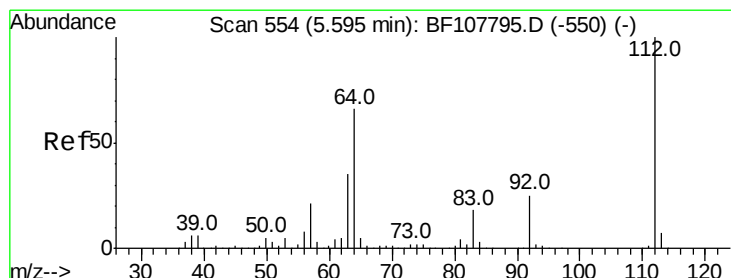
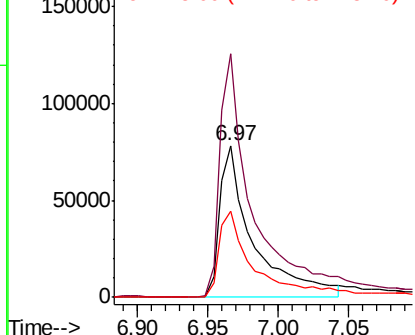
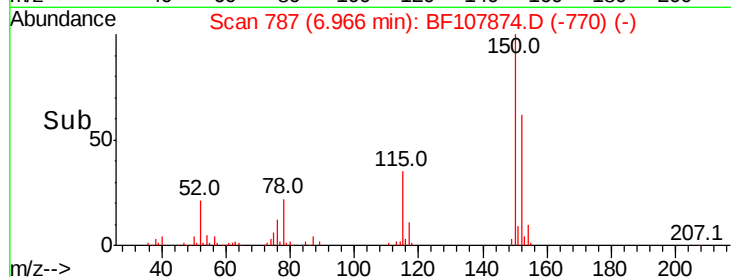
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	56.4	50.1	75.1



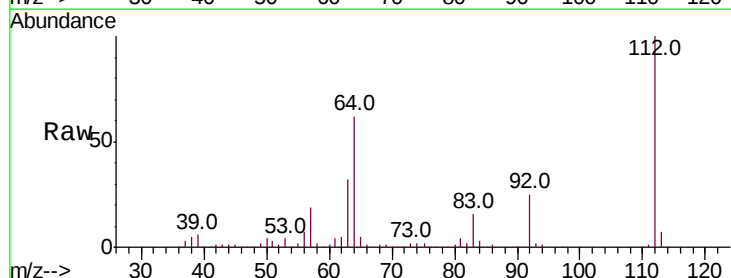
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



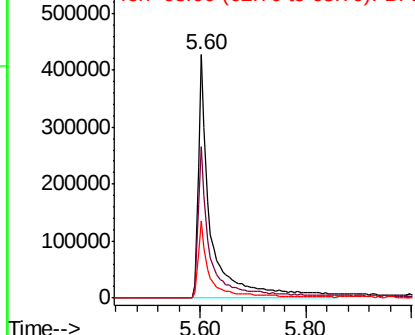
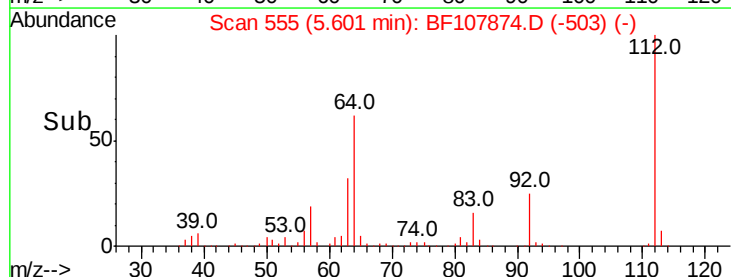
#5

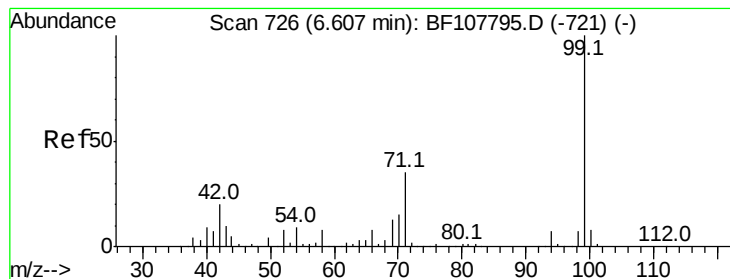
2-Fluorophenol
Concen: 96.128 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	31.8	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: 84.585 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

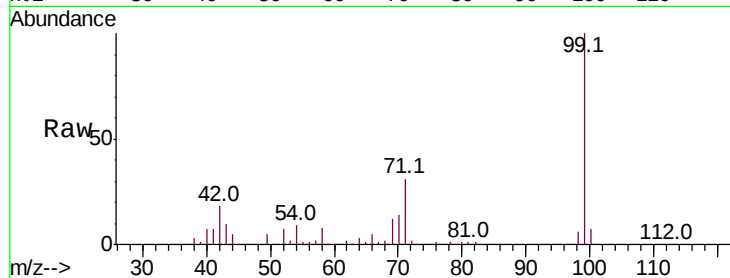
Tot Ion: 99 Resp: 852933

Ion Ratio Lower Upper

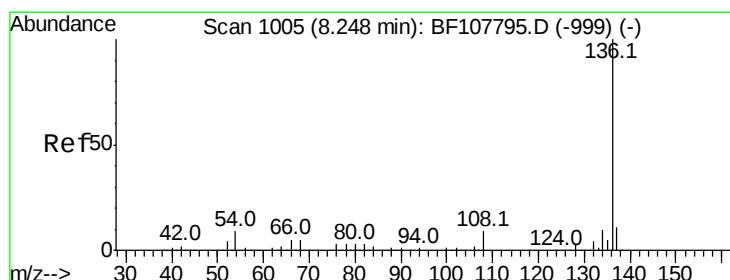
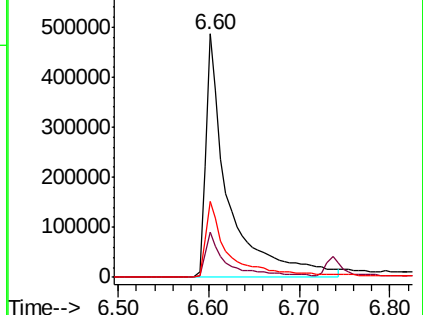
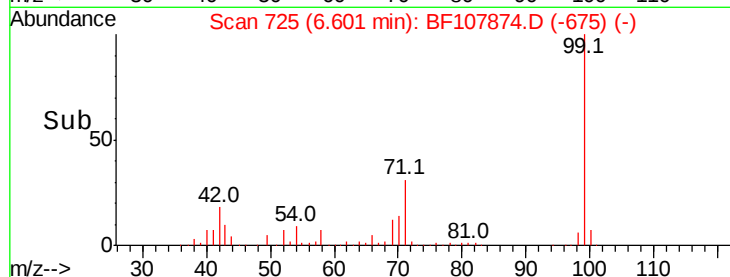
99 100

42 18.3 14.5 21.7

71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

Tgt Ion: 136 Resp: 496552

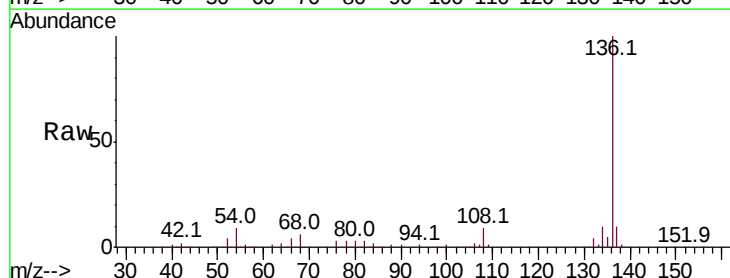
Ion Ratio Lower Upper

136 100

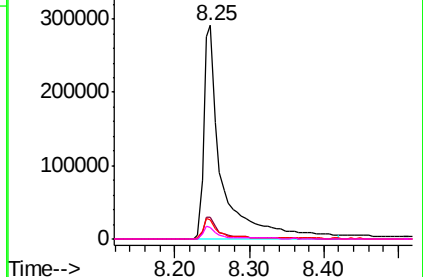
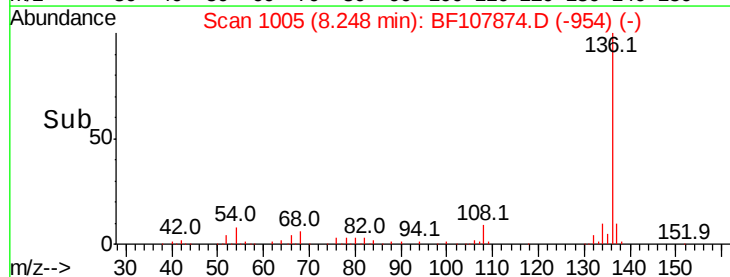
137 10.3 8.9 13.3

54 8.8 6.6 9.8

68 5.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

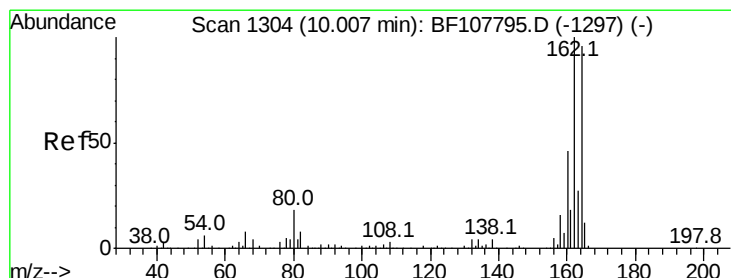
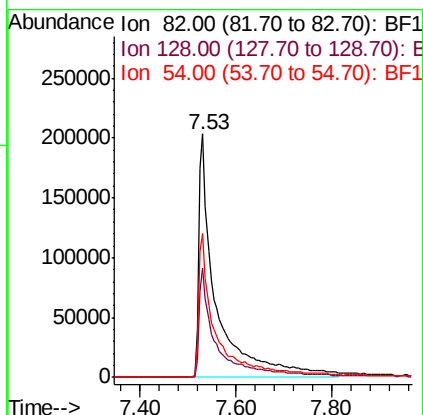
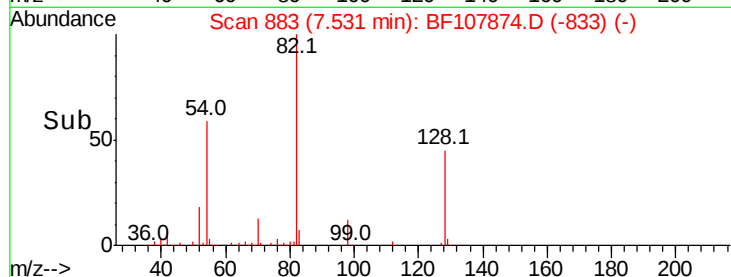
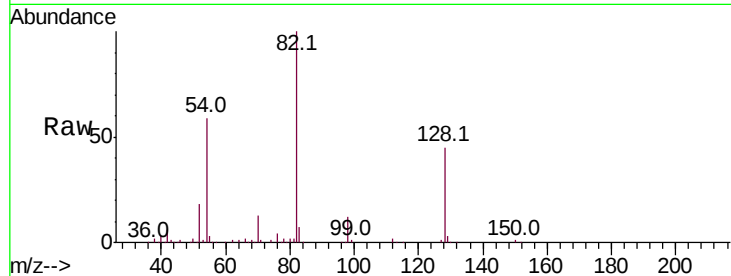




#23
Nitrobenzene-d5
Concen: 60.233 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

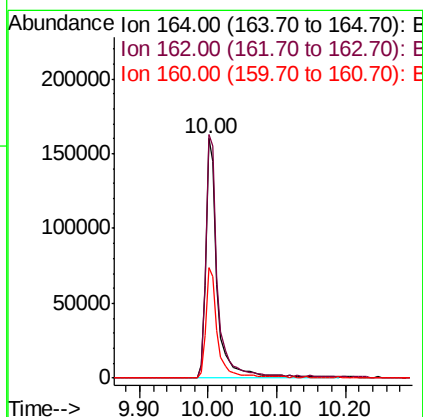
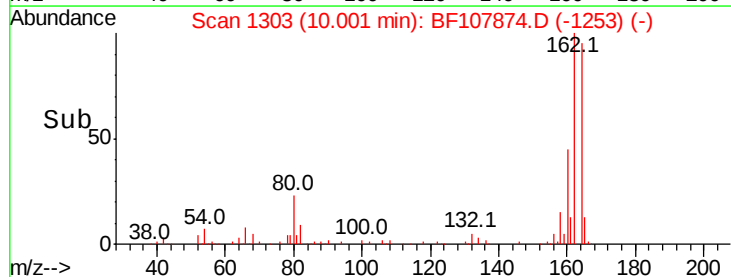
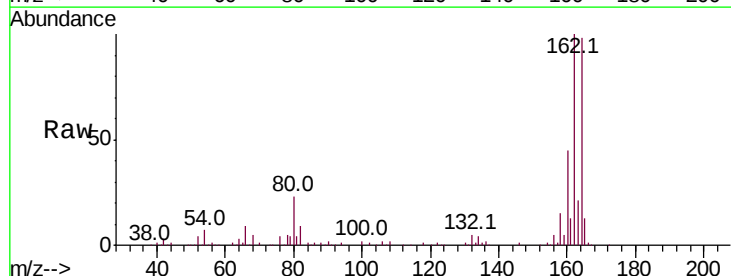
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

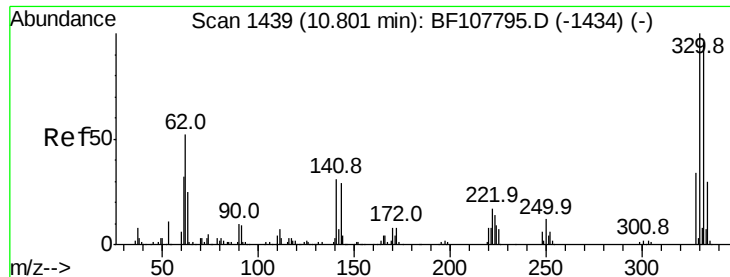
Tot Ion: 82 Resp: 519160
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 59.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Tgt Ion: 164 Resp: 196310
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 46.0 38.3 57.5

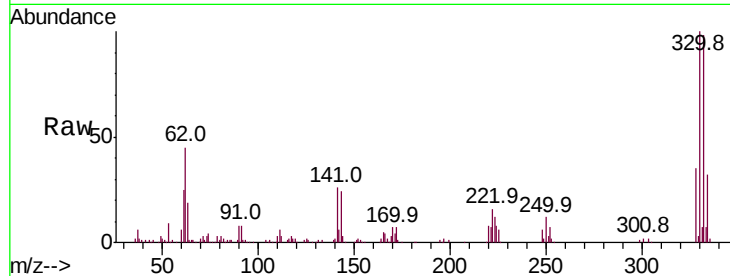




#41
 2,4,6-Tribromophenol
 Concen: 78.656 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107874.D
 Acq: 1 Aug 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	28.0	29.9	44.9#

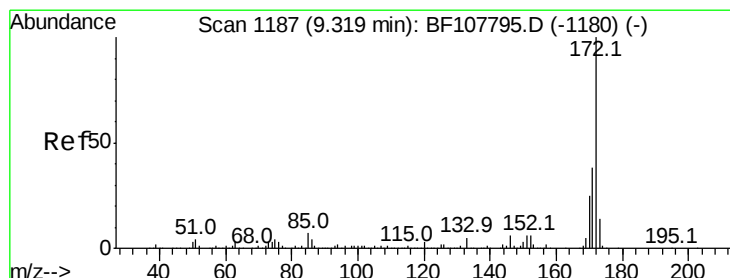
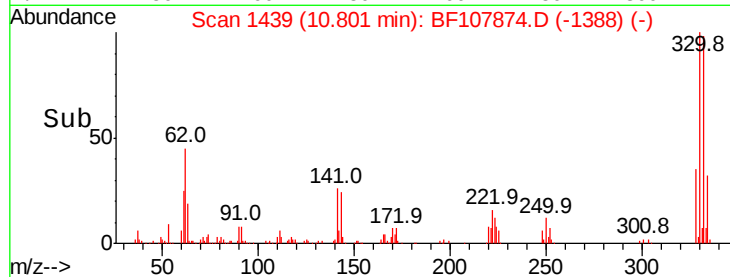
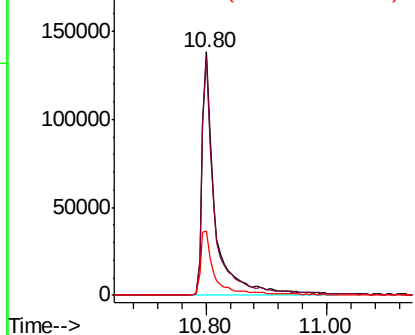


Abundance

Ion 329.80 (329.50 to 330.50): E

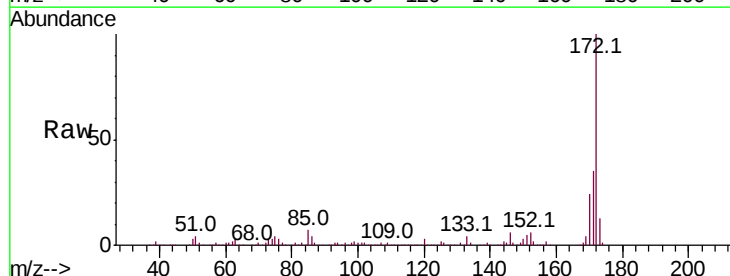
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.776 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107874.D
 Acq: 1 Aug 2018 2:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.1	19.6	29.4

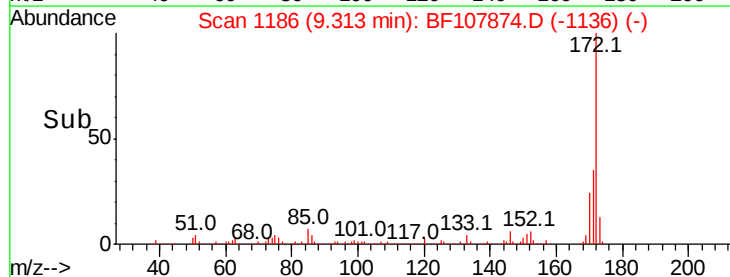
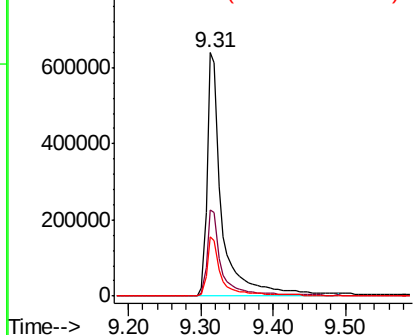


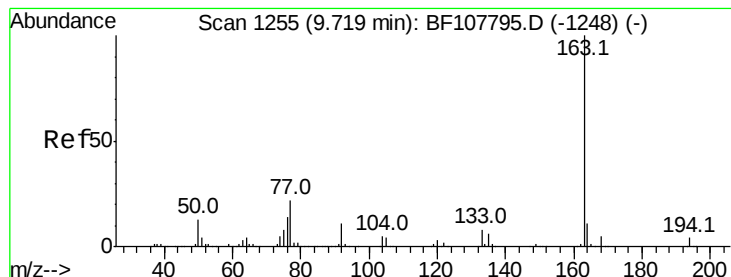
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.174 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

Instrument :

BNA_F

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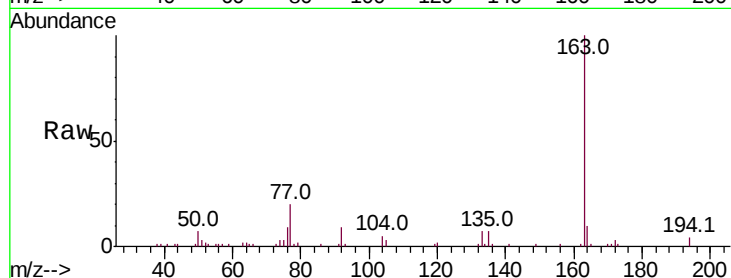
Tot Ion:163 Resp: 76276

Ion Ratio Lower Upper

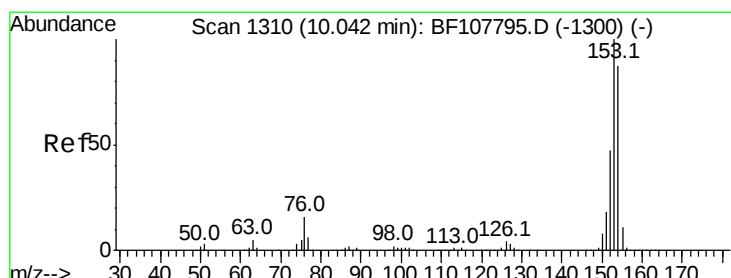
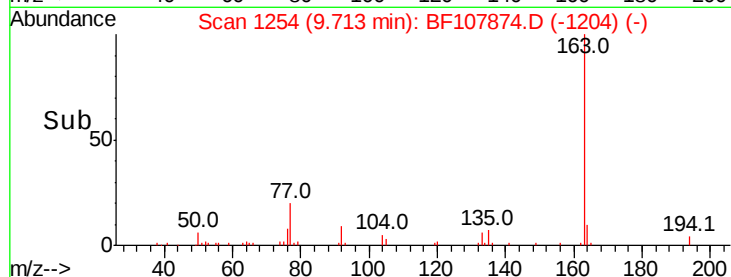
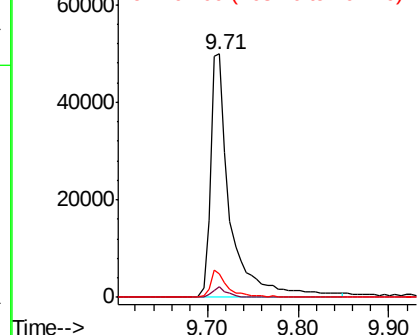
163 100

194 4.2 2.7 4.1#

164 9.7 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: 2.757 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

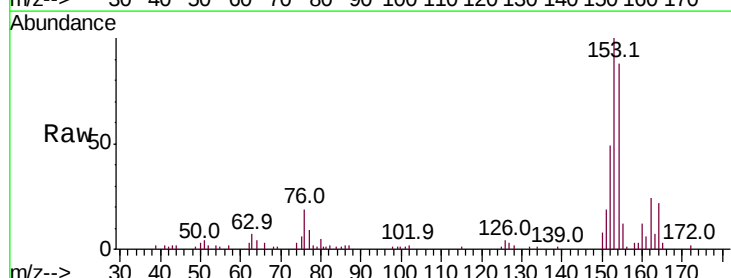
Tgt Ion:154 Resp: 33450

Ion Ratio Lower Upper

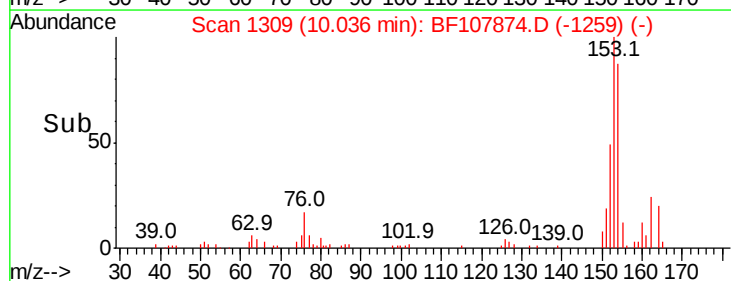
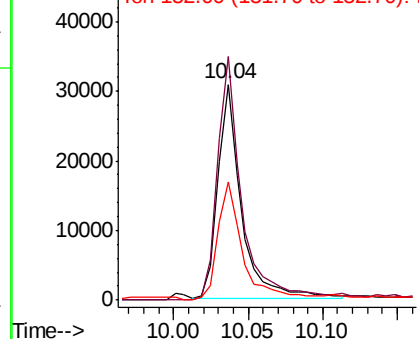
154 100

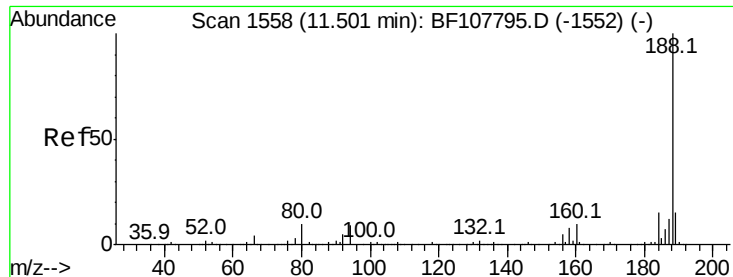
153 113.0 91.2 136.8

152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

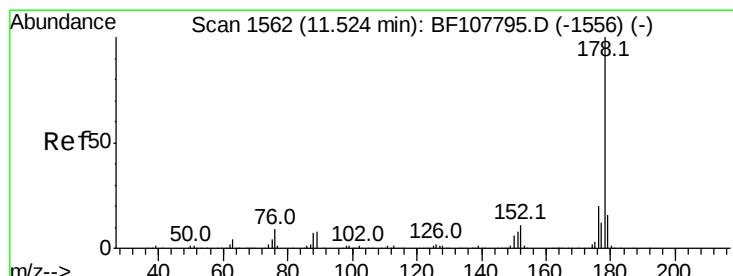
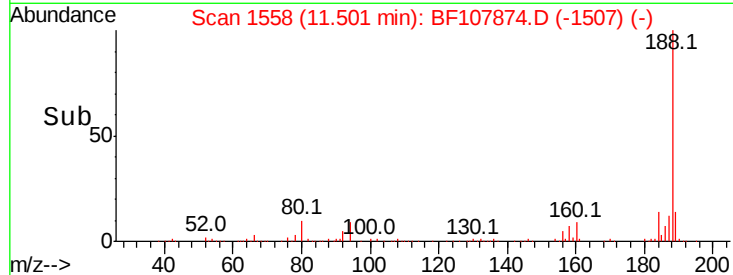
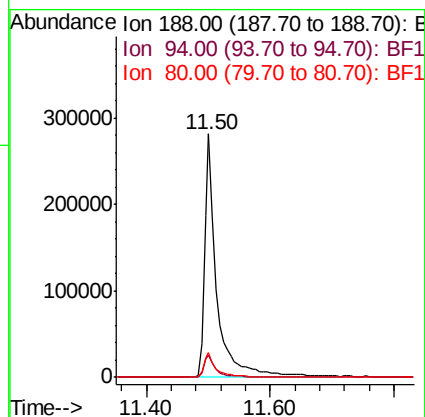
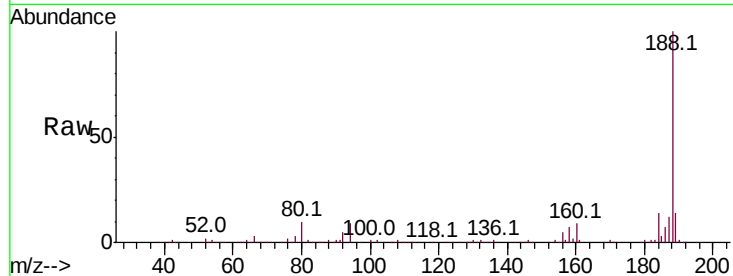




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

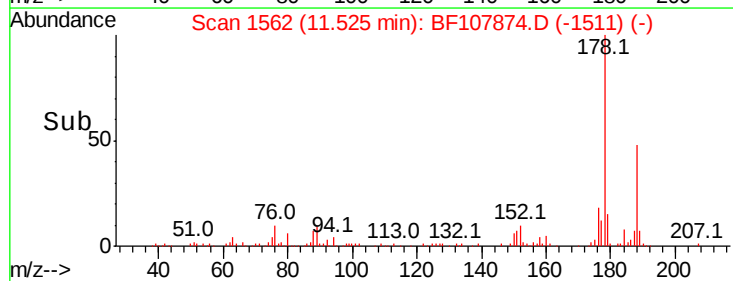
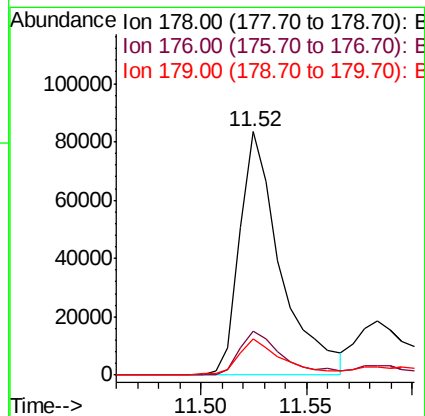
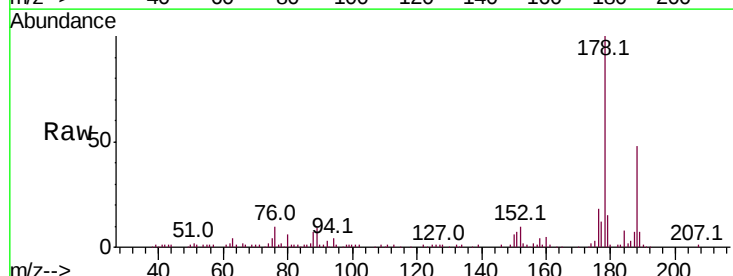
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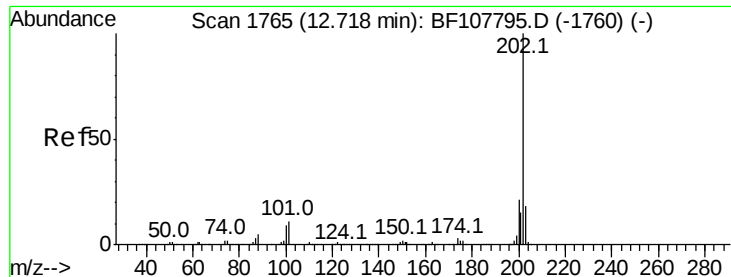
Tot Ion:188 Resp: 393563
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.1 9.2 13.8



#70
Phenanthrene
Concen: 6.005 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Tgt Ion:178 Resp: 112223
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 15.1 13.0 19.6





#74

Fluoranthene

Concen: 5.079 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

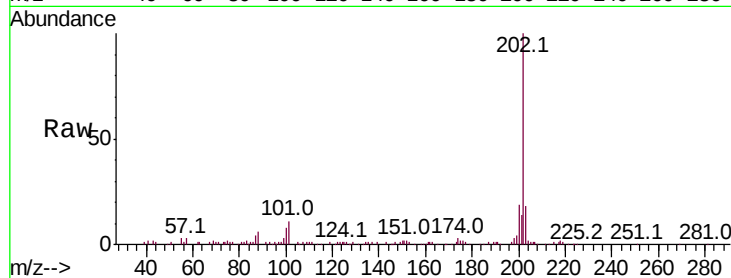
Tot Ion:202 Resp: 111515

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

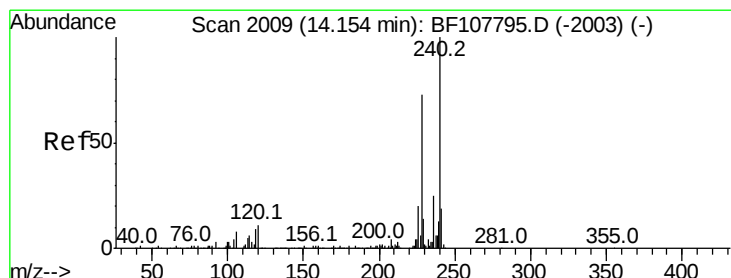
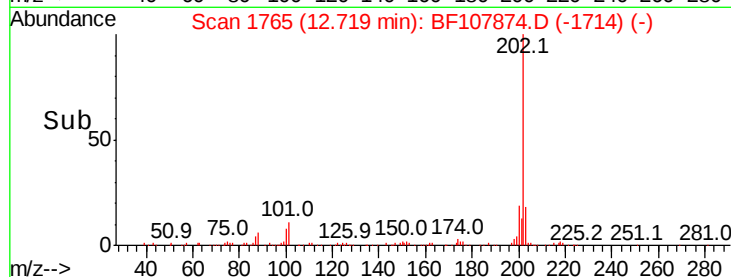
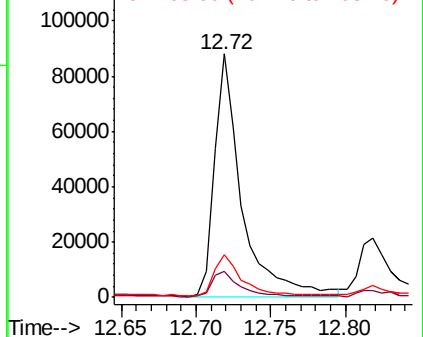
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

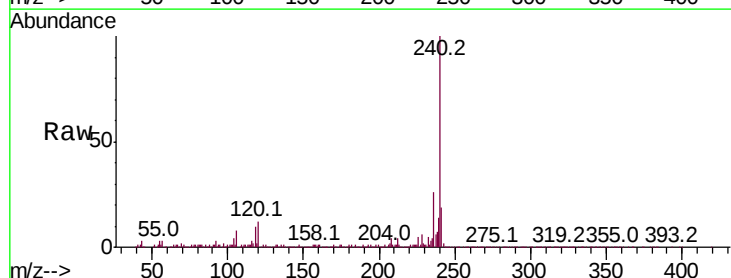
Tgt Ion:240 Resp: 354893

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

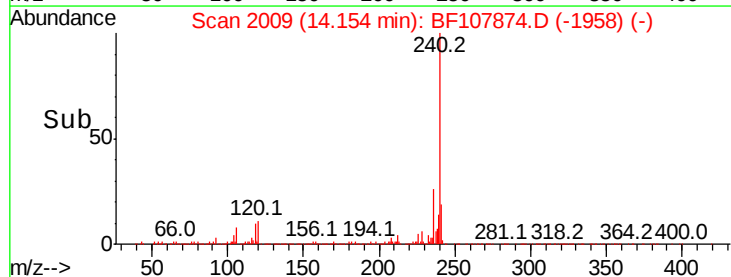
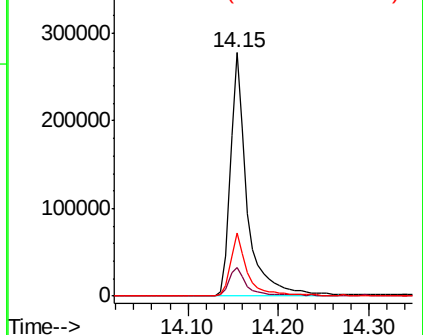
236 25.8 20.7 31.1

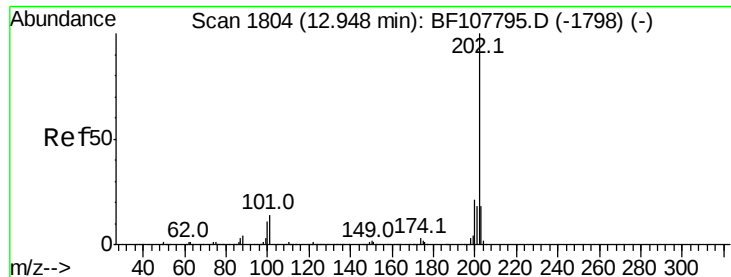


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

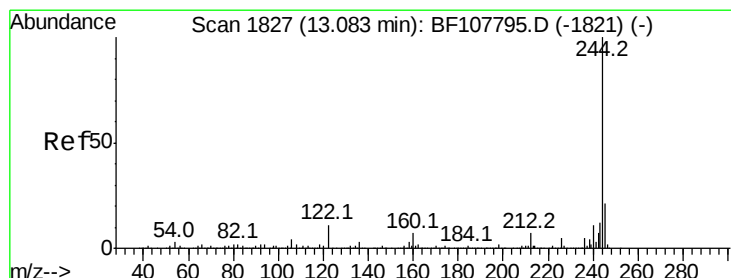
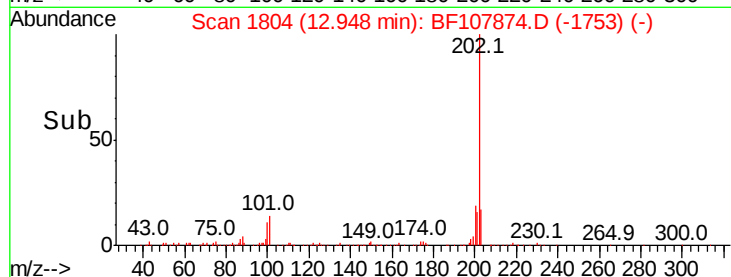
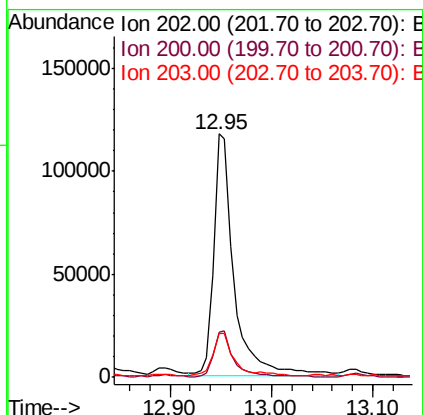
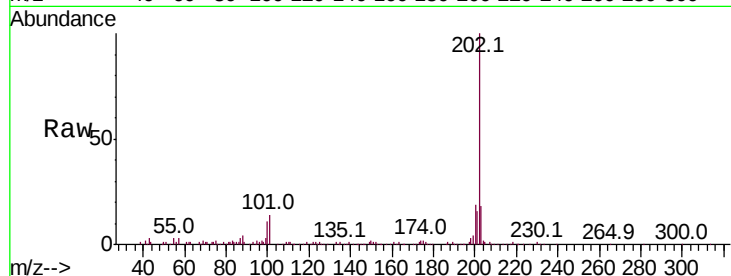




#77
Pvrene
Concen: 6.479 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

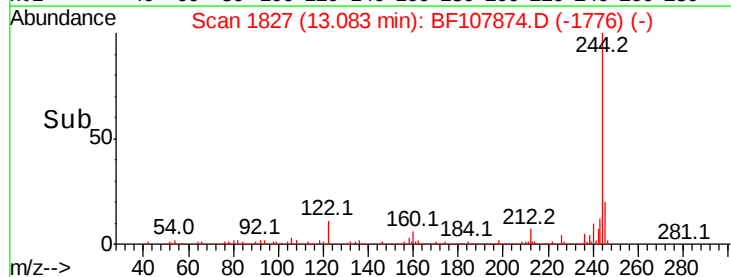
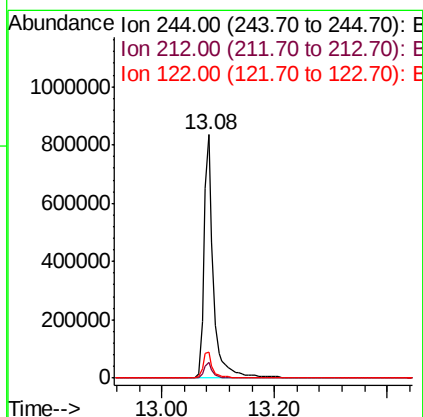
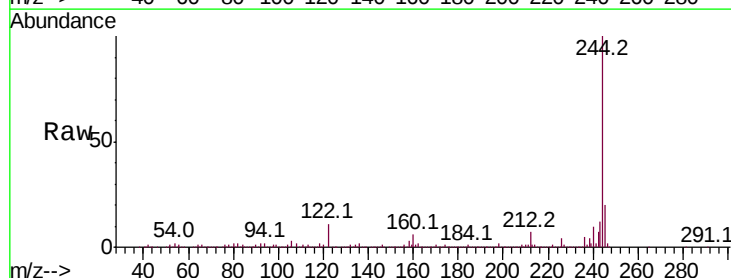
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

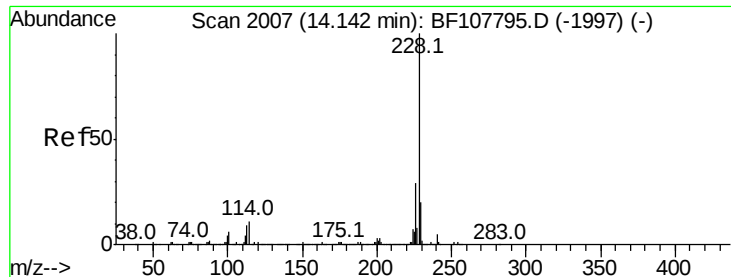
Tot Ion:202 Resp: 165565
Ion Ratio Lower Upper
202 100
200 18.6 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 59.792 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Tgt Ion:244 Resp: 978574
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.6 11.0 16.4#





#80

Benzo(a)anthracene

Concen: 2.155 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

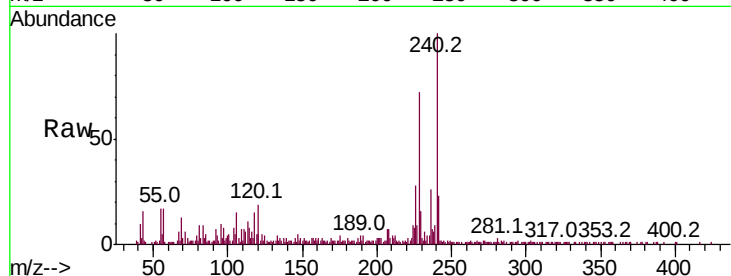
Tot Ion:228 Resp: 43313

Ion Ratio Lower Upper

228 100

226 38.7 22.6 33.8#

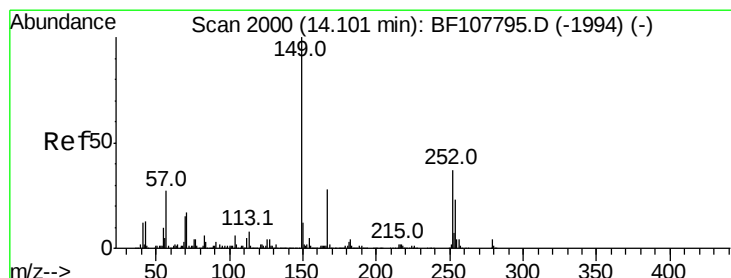
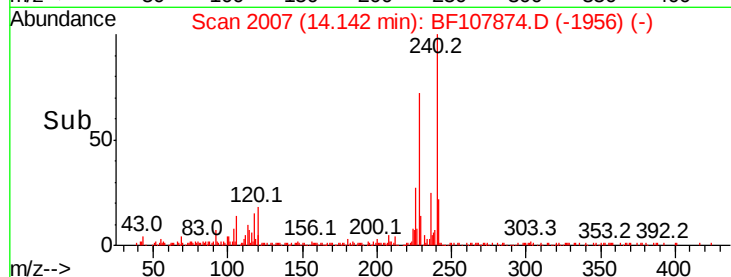
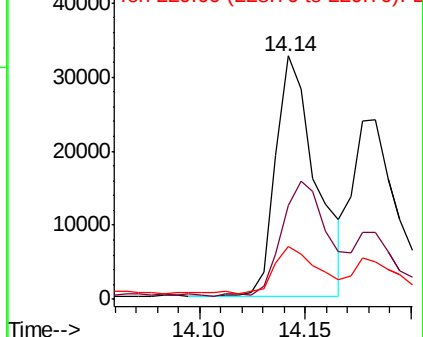
229 22.0 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.066 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107874.D

Acq: 1 Aug 2018 2:21

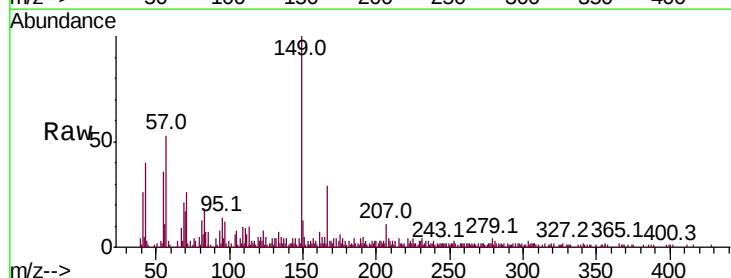
Tgt Ion:149 Resp: 29061

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

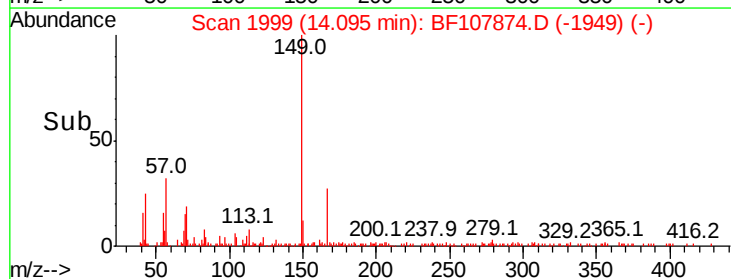
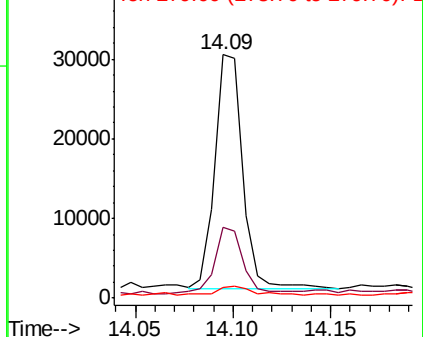
279 4.3 3.0 4.4

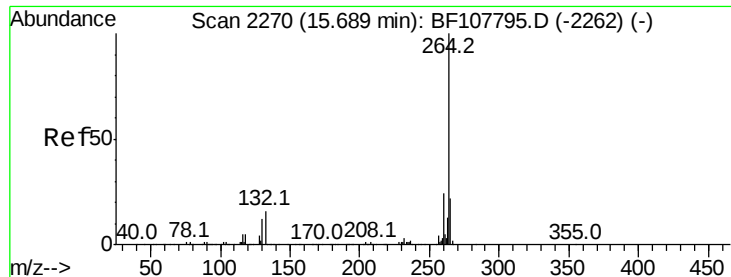


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

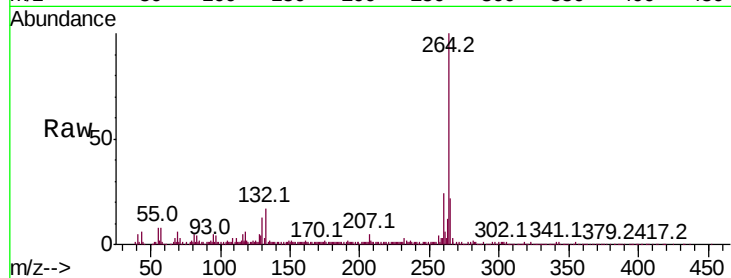




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107874.D
Acq: 1 Aug 2018 2:21

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	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

