

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107880.D
 Acq On : 1 Aug 2018 5:30
 Operator : JU/SJ
 Sample : J4231-21DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-7DL

Manual Integrations
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Sohil
 8/1/2018 3:57:50 PM

Quant Time: Aug 01 06:56:46 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	117957	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	558627	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	206378	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	391642	20.00	ng	0.00
75) Chrysene-d12	14.15	240	377979	20.00	ng	0.00
86) Perylene-d12	15.68	264	279283	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	35043m	5.05	ng	0.05
7) Phenol-d6	6.64	99	68317m	7.47	ng	0.04
23) Nitrobenzene-d5	7.58	82	18329	1.89	ng	0.05
41) 2,4,6-Tribromophenol	10.81	330	15186	5.42	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	98366	6.64	ng	0.00
78) Terphenyl-d14	13.08	244	115963	6.65	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.27	128	163901	6.312	ng	99
48) Acenaphthylene	9.87	152	58821	2.679	ng	99
51) Acenaphthene	10.04	154	114810	9.001	ng	96
57) Fluorene	10.55	166	64664	4.221	ng	96
70) Phenanthrene	11.52	178	782323	42.069	ng	99
71) Anthracene	11.58	178	603545	28.138	ng	99
74) Fluoranthene	12.72	202	764854	35.009	ng	97
77) Pyrene	12.95	202	1081667	39.741	ng	98
80) Benzo(a)anthracene	14.14	228	298437	13.938	ng	# 72
82) Chrysene	14.18	228	210300	9.106	ng	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	75013	4.270	ng	# 90
87) Benzo(b)fluoranthene	15.23	252	153083m	11.114	ng	
88) Benzo(k)fluoranthene	15.25	252	85493m	5.055	ng	
89) Benzo(a)pyrene	15.62	252	195879	13.775	ng	99
91) Benzo(a,h,i)perylene	17.75	276	84298	7.024	ng	97

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

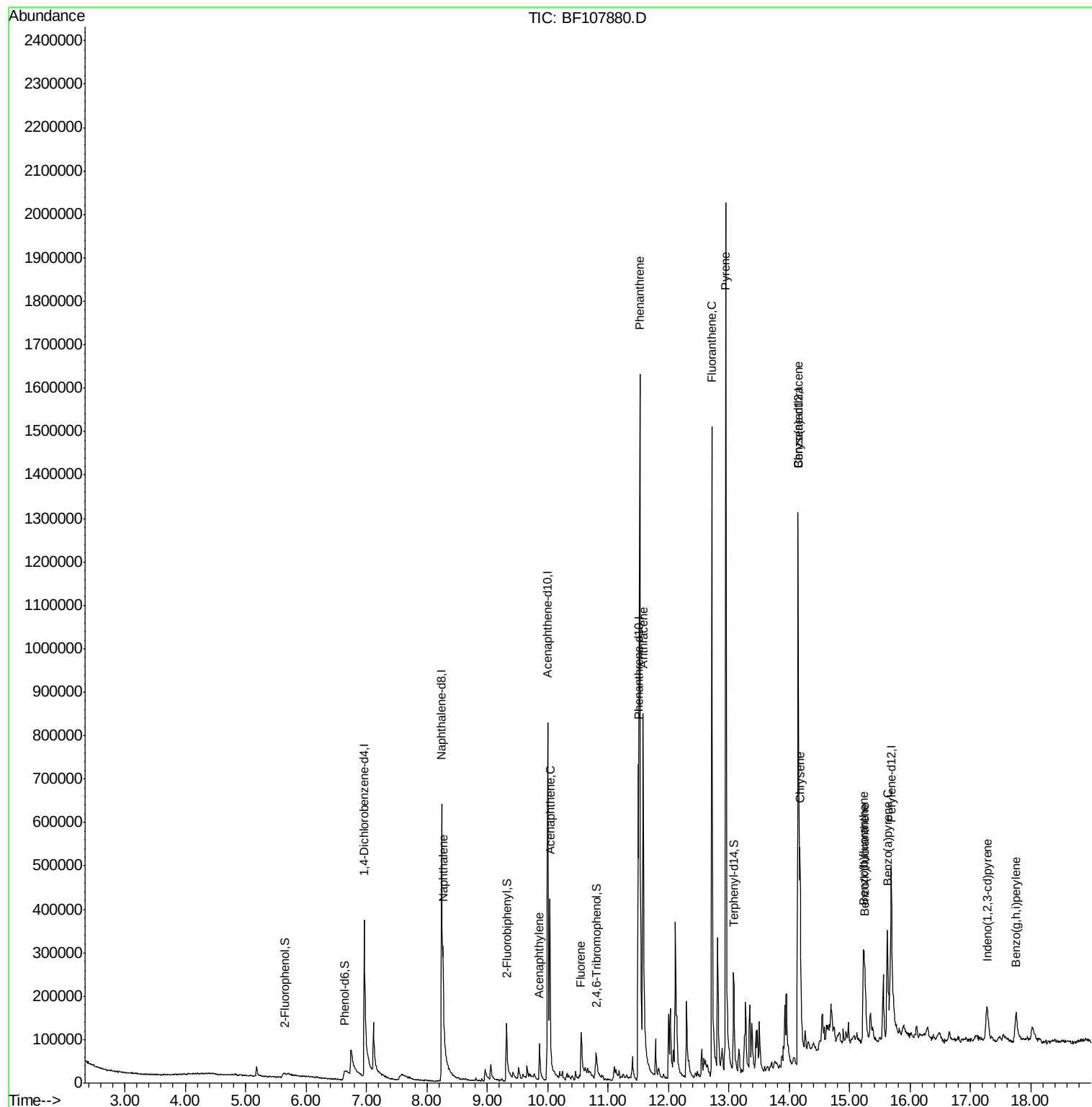
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107880.D
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ALS Vial : 31 Sample Multiplier: 1

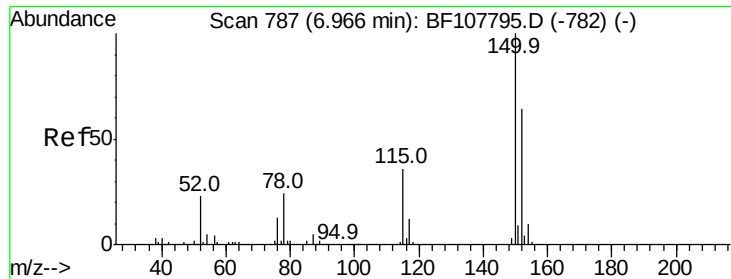
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

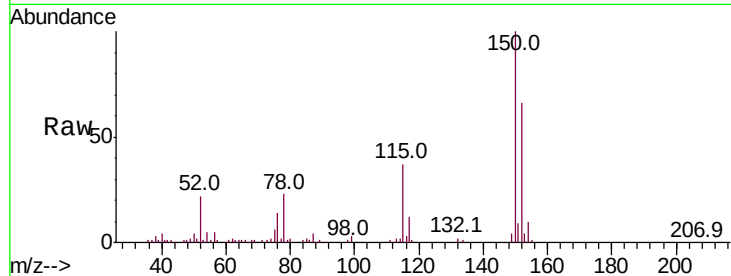
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	55.6	50.1	75.1

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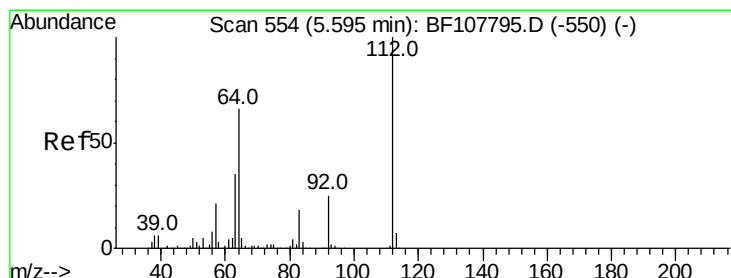
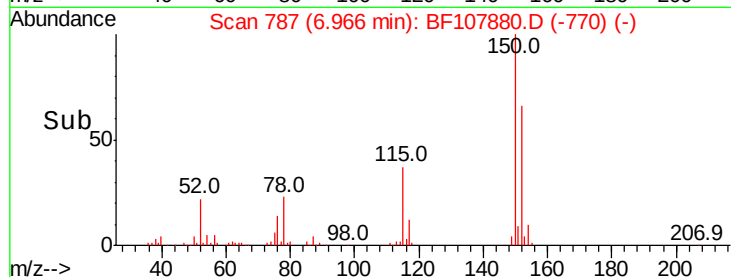
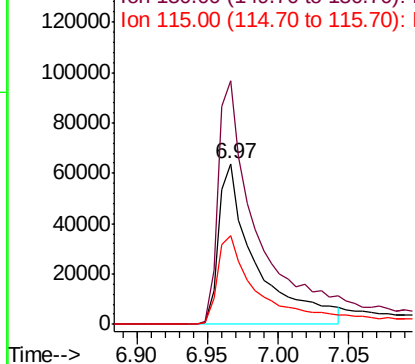


Abundance

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: 5.049 ng m
RT: 5.65 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

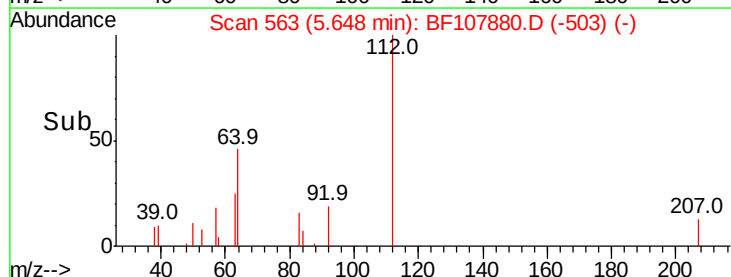
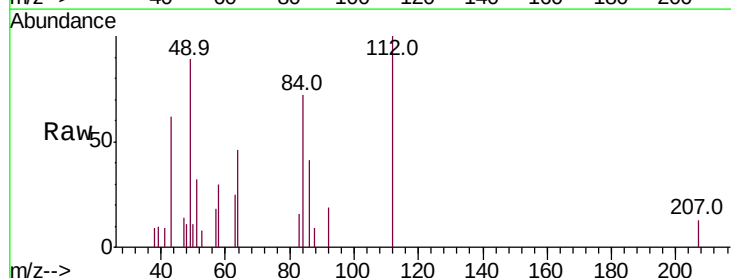
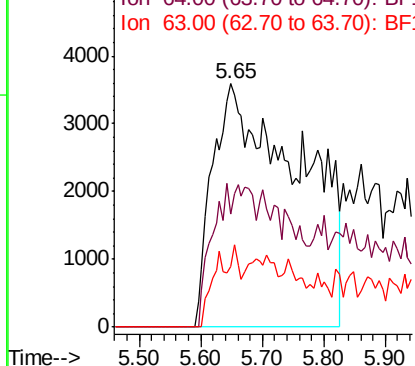
Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.4	47.9	71.9#
63	24.9	23.7	35.5

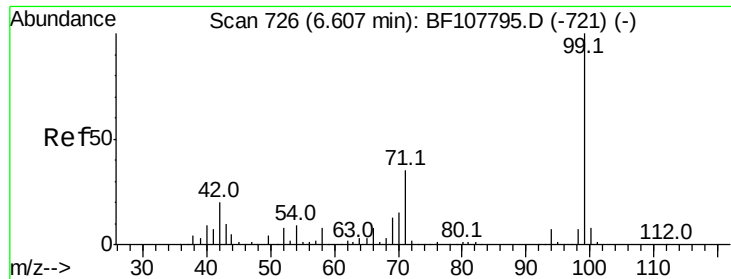
Abundance

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

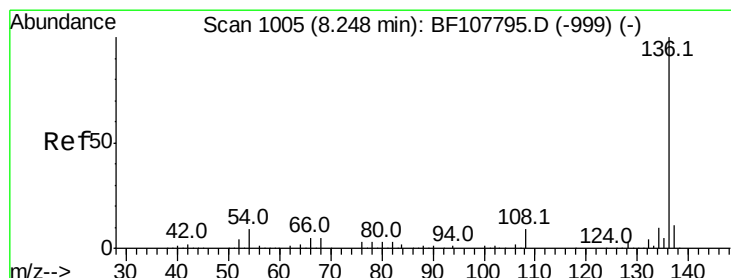
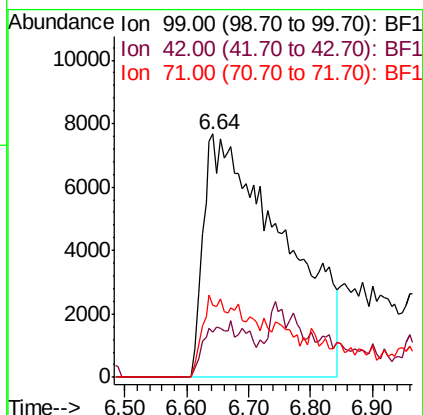
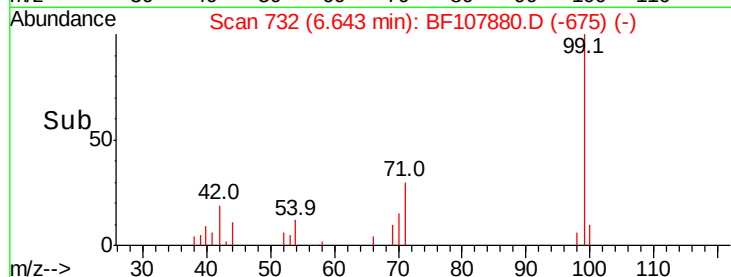
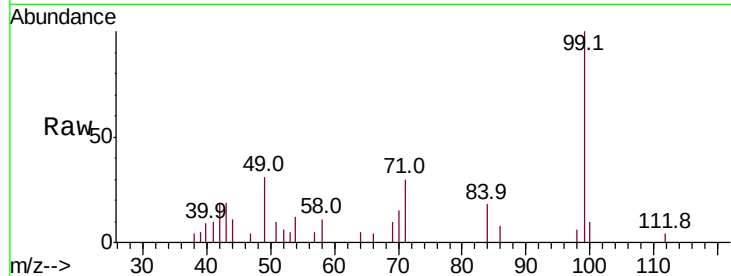
Concen: 7.469 ng/mL
 RT: 6.64 min Scan# 732
 Delta R.T. 0.04 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		68317		
42	18.7	14.5	21.7		
71	29.8	25.4	38.0		

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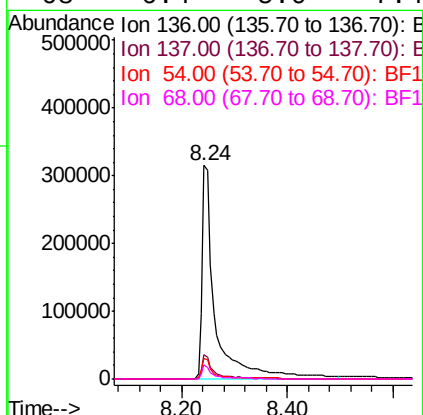
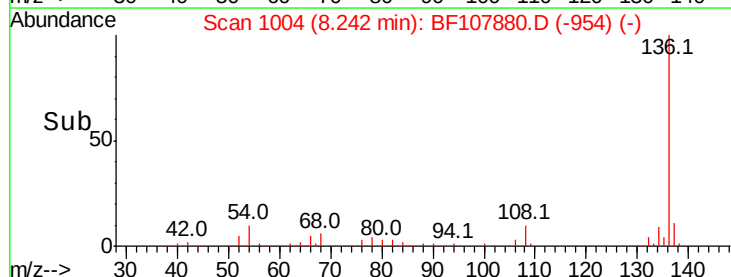
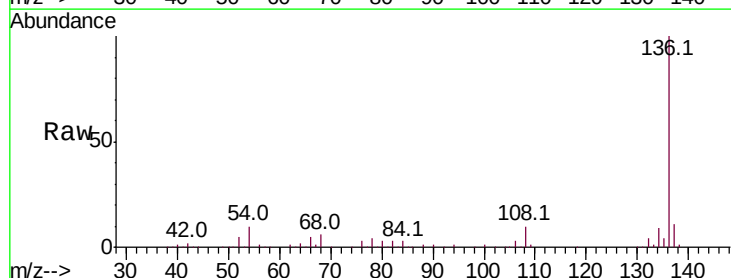


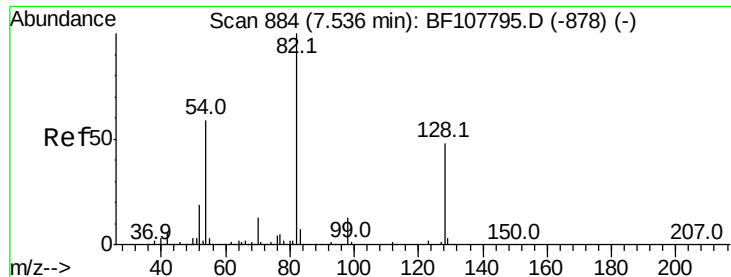
#21

Naphthalene-d8

Concen: 20.000 ng/mL
 RT: 8.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		558627		
137	11.3	8.9	13.3		
54	9.7	6.6	9.8		
68	6.4	5.0	7.4		





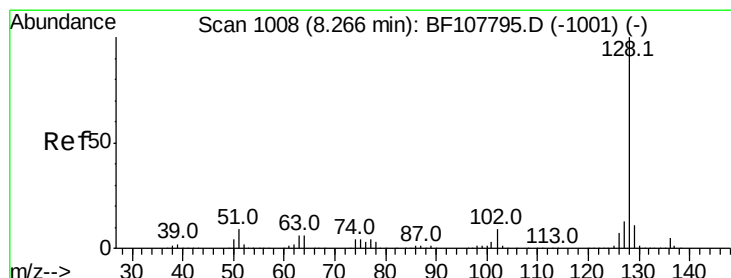
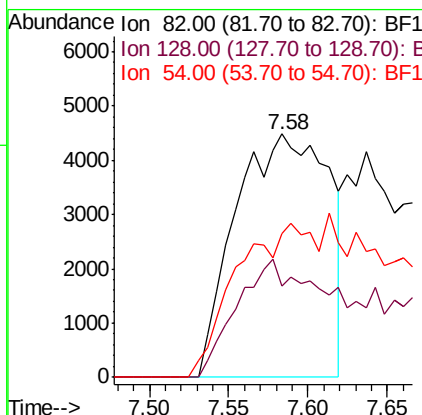
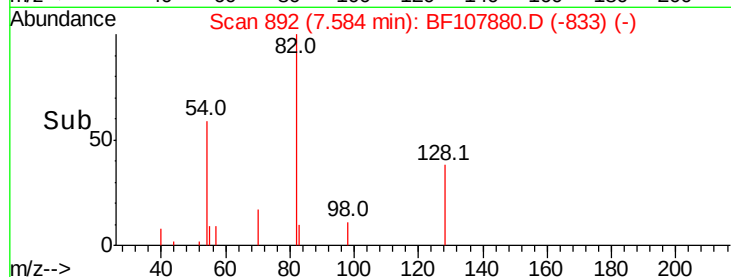
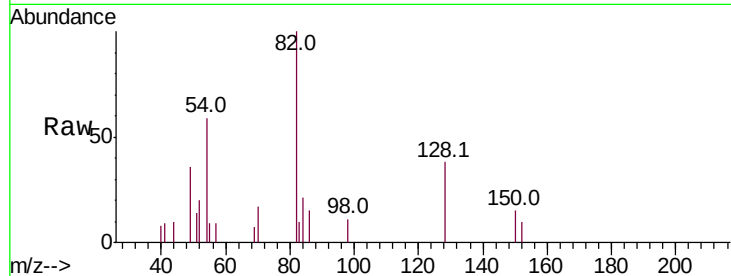
#23
 Nitrobenzene-d5
 Concen: 1.890 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.05 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	36.1	54.1
54	58.8	41.4	62.2

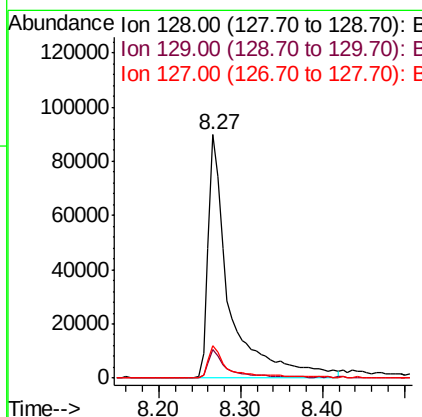
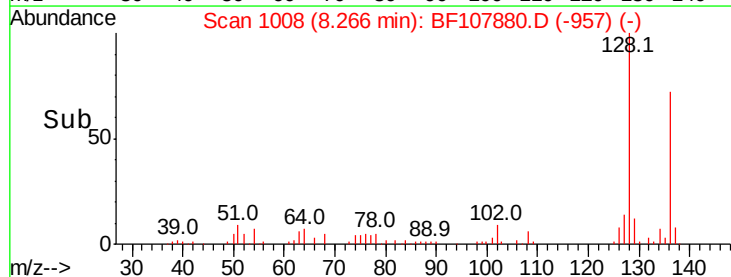
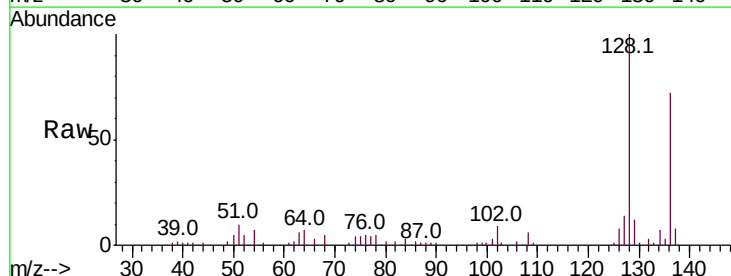
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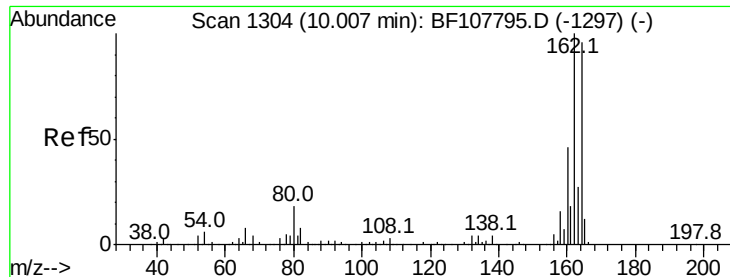
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#31
 Naphthalene
 Concen: 6.312 ng
 RT: 8.27 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3





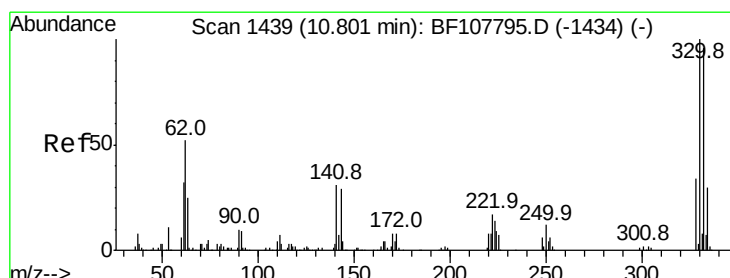
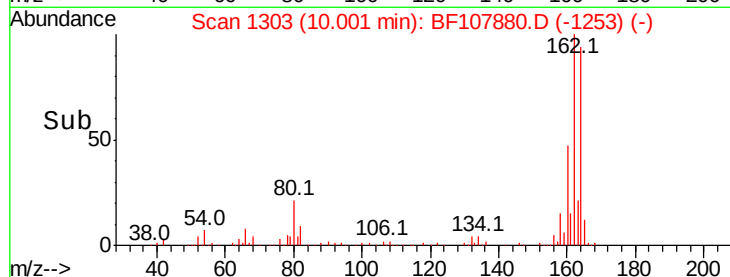
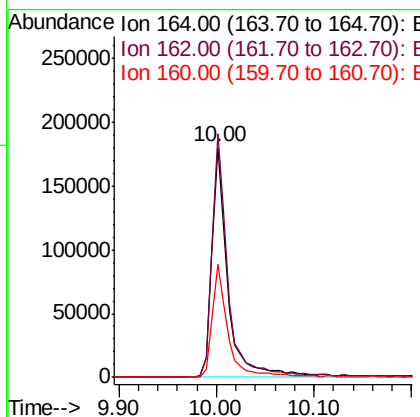
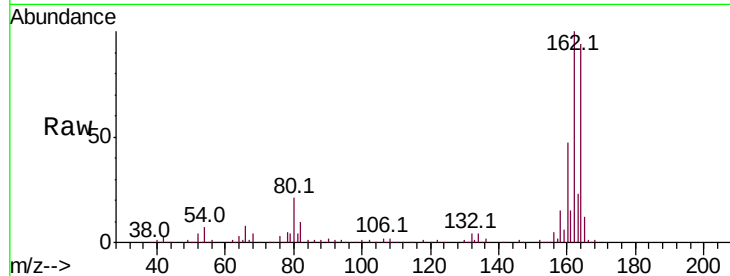
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	206378		
162	105.9	86.1	129.1	
160	49.4	38.3	57.5	

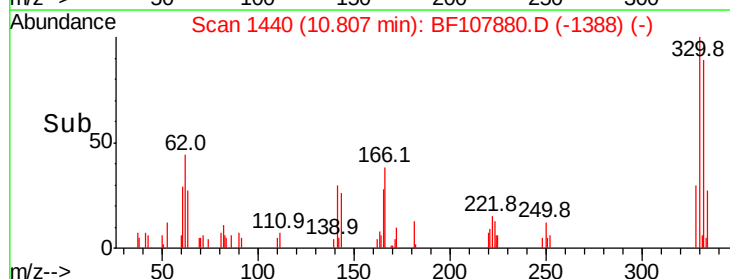
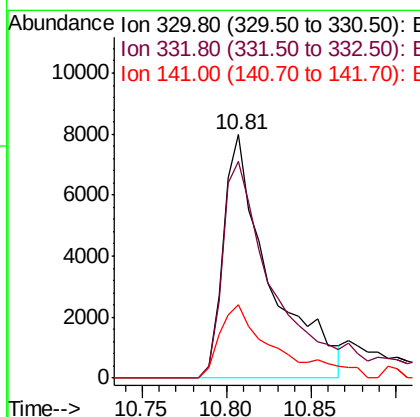
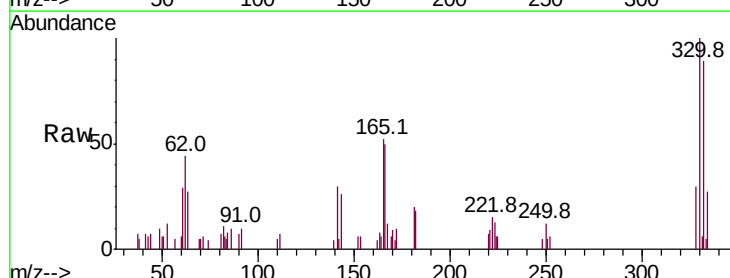
Manual Integrations
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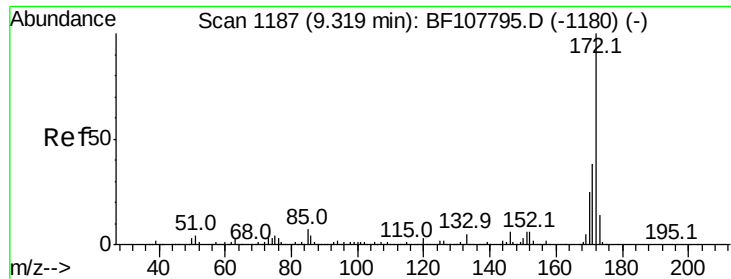
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#41
2,4,6-Tribromophenol
Concen: 5.415 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	15186		
332	108.1	77.0	115.6	
141	35.7	29.9	44.9	





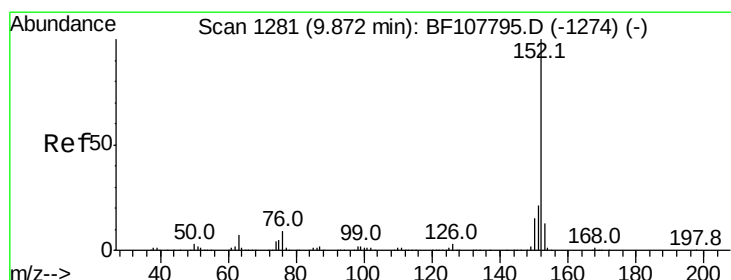
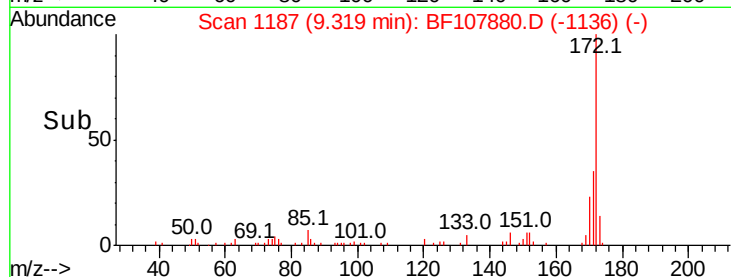
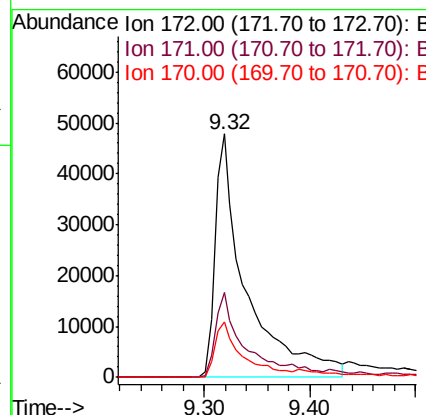
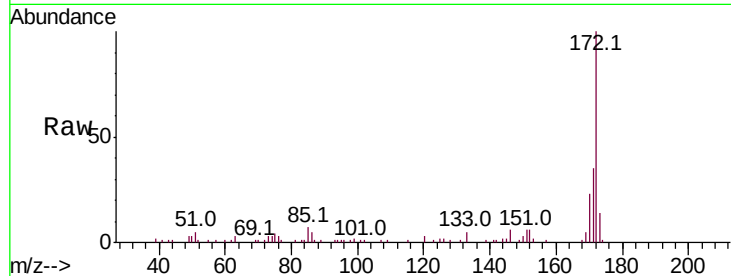
#44
2-Fluorobiphenyl
Concen: 6.642 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.7	44.5	
170	22.7	19.6	29.4	

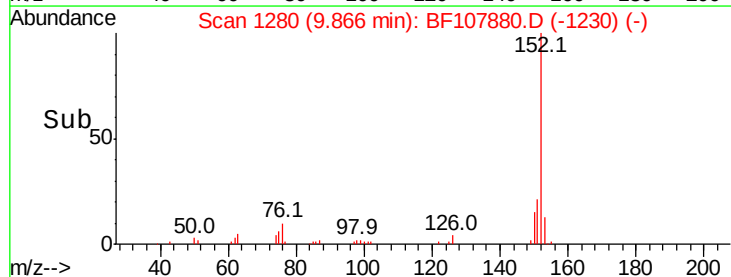
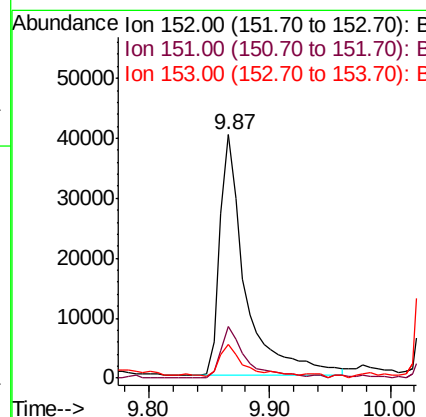
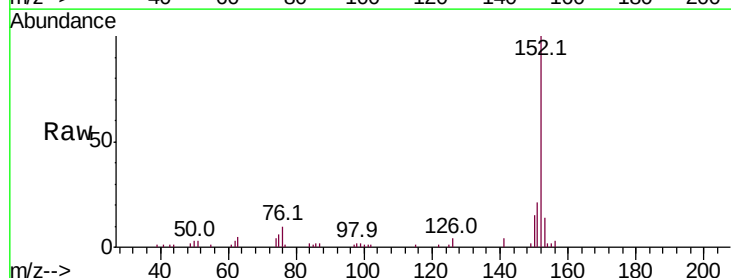
Manual Integrations
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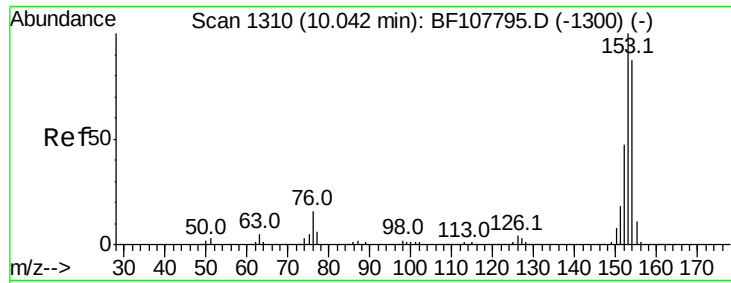
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#48
Acenaphthylene
Concen: 2.679 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.1	16.3	24.5	
153	13.6	10.7	16.1	





#51

Acenaphthene

Concen: 9.001 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107880.D

Acq: 1 Aug 2018 5:30

Instrument :

BNA_F

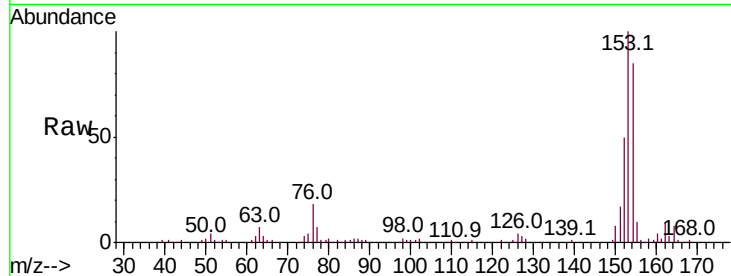
ClientSampleId :

2018-NYSEG-CLARK-AREA-7DL

Tot Ion:	154	Resp:	114810
Ion Ratio	Lower	Upper	
154	100		
153	117.8	91.2	136.8
152	58.4	43.8	65.8

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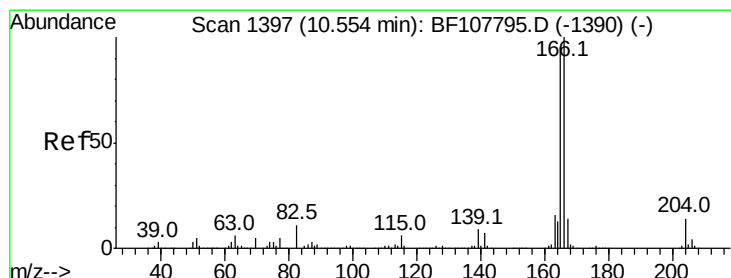
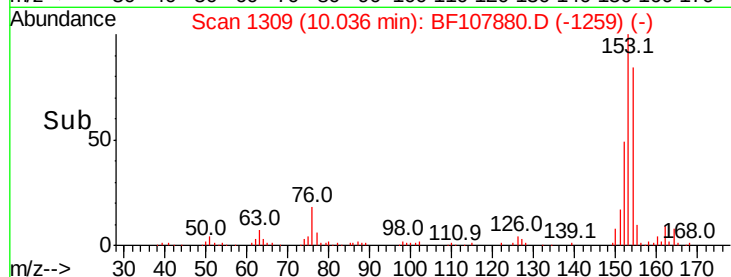
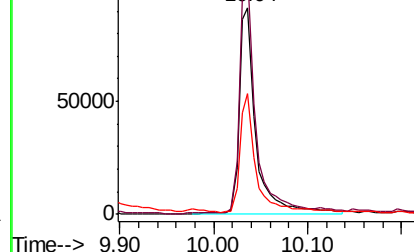
Abundance

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

10.04



#57

Fluorene

Concen: 4.221 ng

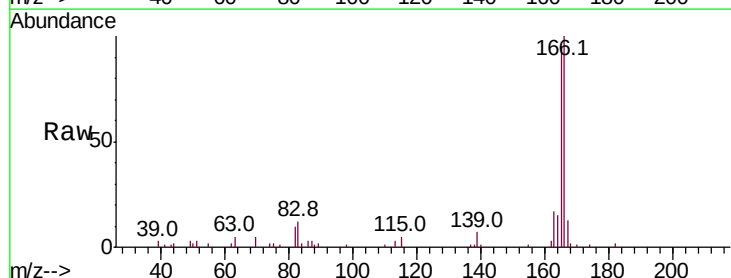
RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107880.D

Acq: 1 Aug 2018 5:30

Tgt Ion:	166	Resp:	64664
Ion Ratio	Lower	Upper	
166	100		
165	95.3	79.8	119.8
167	13.2	10.6	16.0



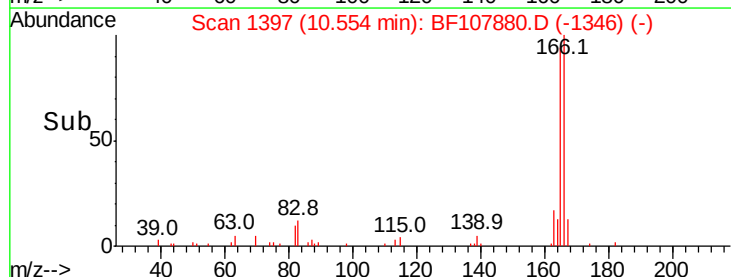
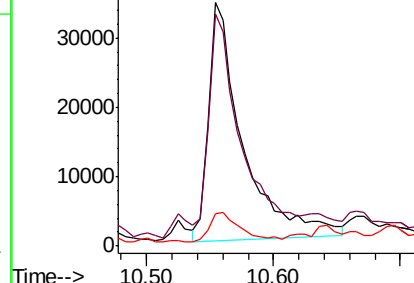
Abundance

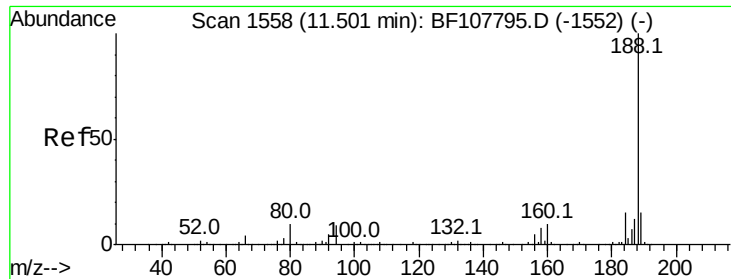
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.55





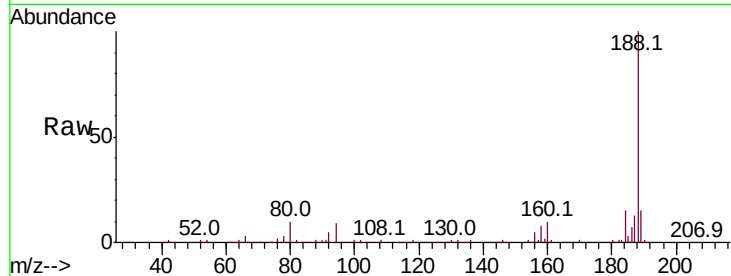
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

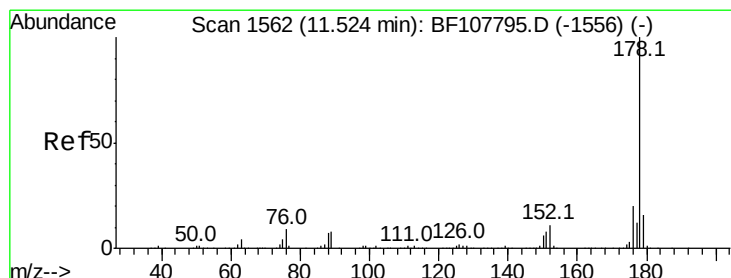
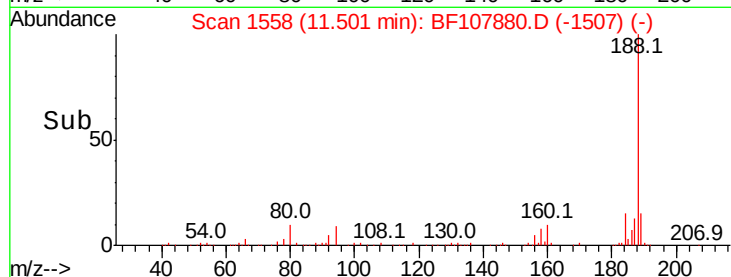
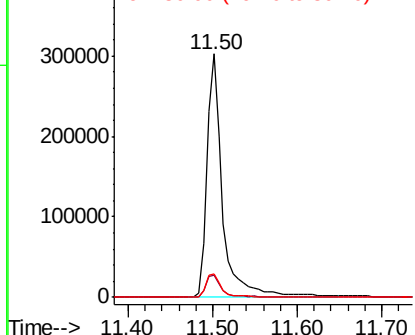
Tot Ion	Ratio	Resp	Lower	Upper
188	100	391642		
94	9.0		8.5	12.7
80	9.7		9.2	13.8

Manual Integrations
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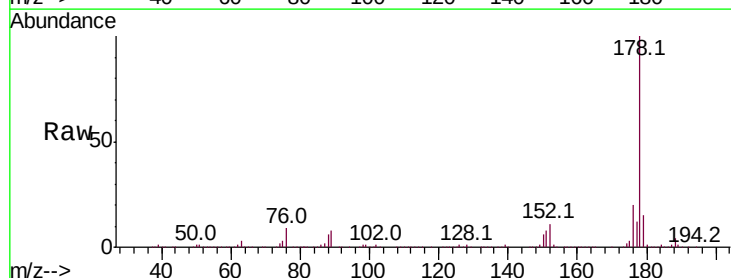


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

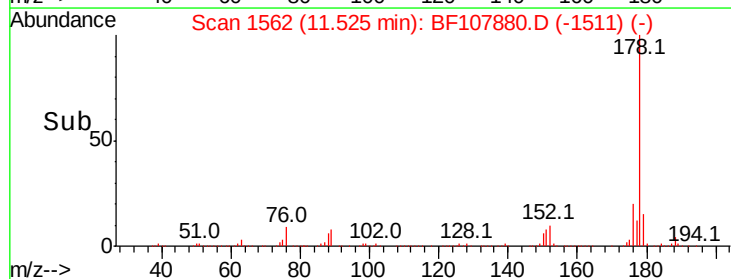
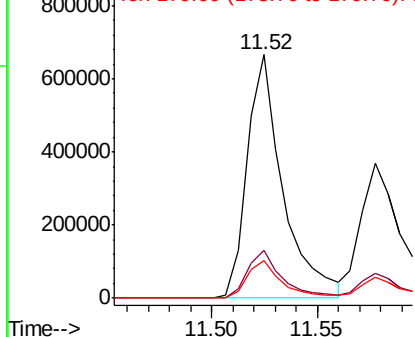


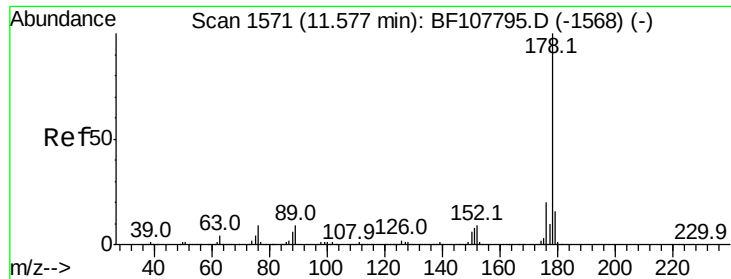
#70
Phenanthrene
Concen: 42.069 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	782323		
176	19.7		15.8	23.8
179	15.4		13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





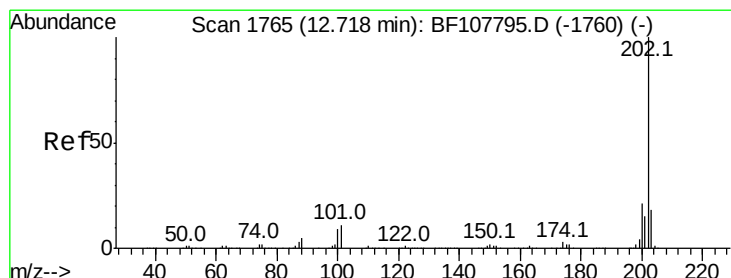
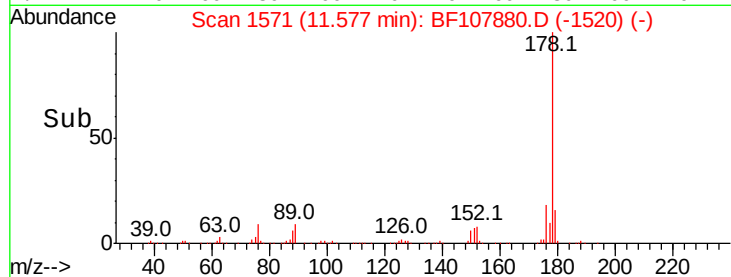
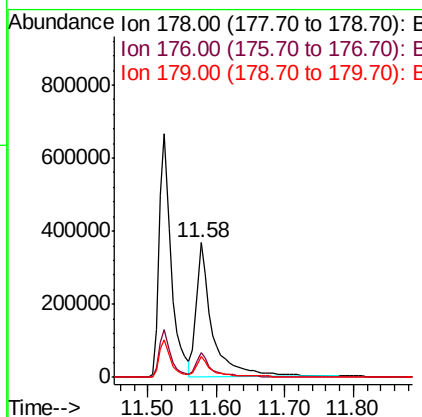
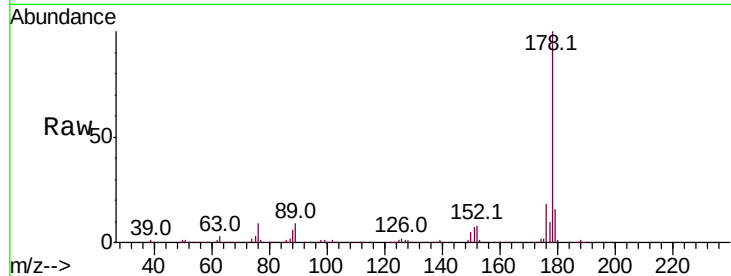
#71
 Anthracene
 Concen: 28.138 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	19.0

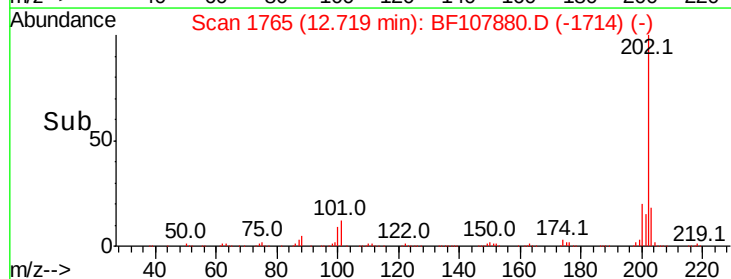
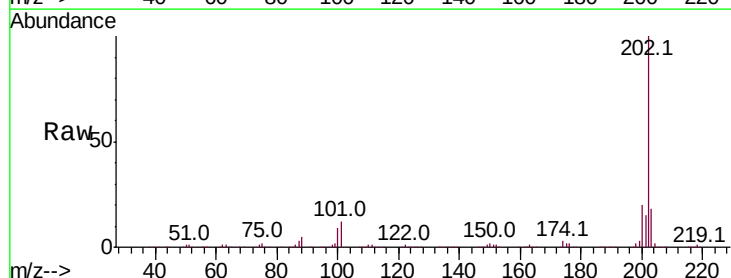
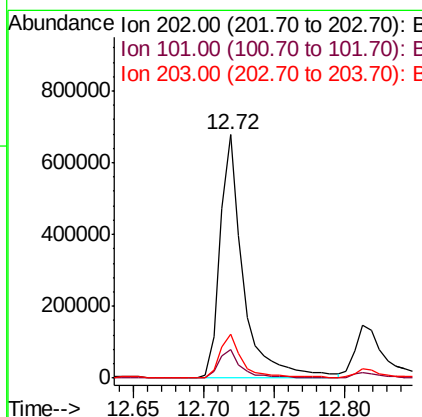
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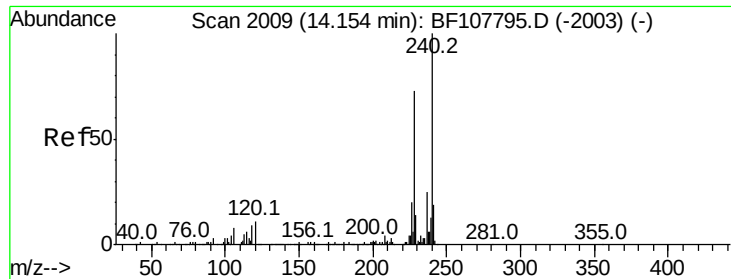
Sohil
 8/1/2018 3:57:50 PM



#74
 Fluoranthene
 Concen: 35.009 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107880.D

Acq: 1 Aug 2018 5:30

Instrument :

BNA_F

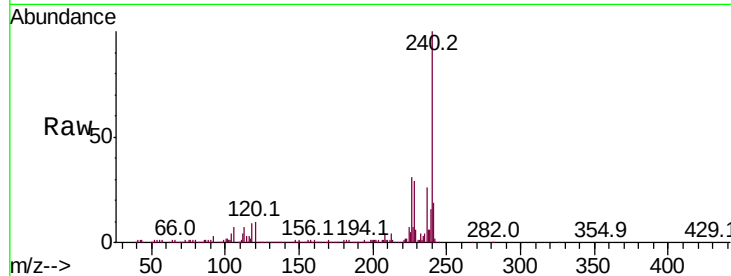
ClientSampleId :

2018-NYSEG-CLARK-AREA-7DL

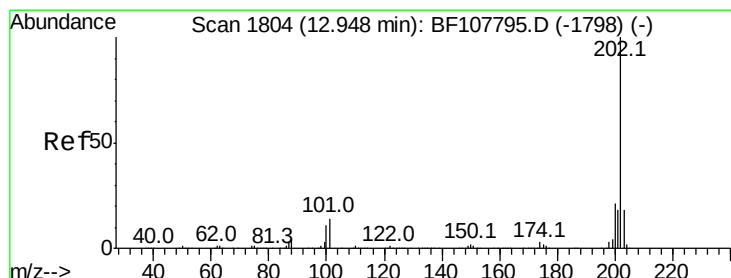
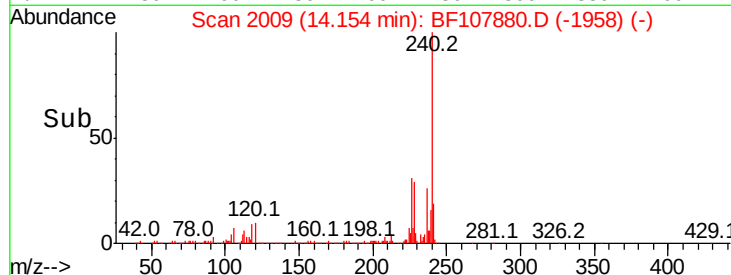
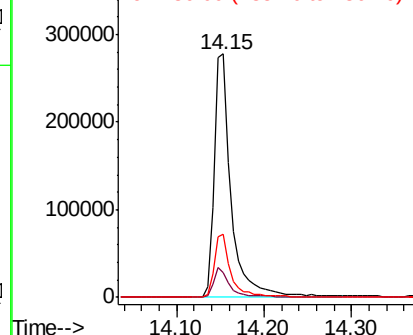
Tot Ion:	240	Resp:	377979
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.7	20.7	31.1

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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: 39.741 ng

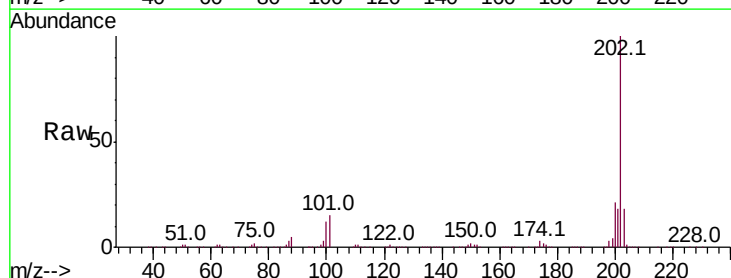
RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

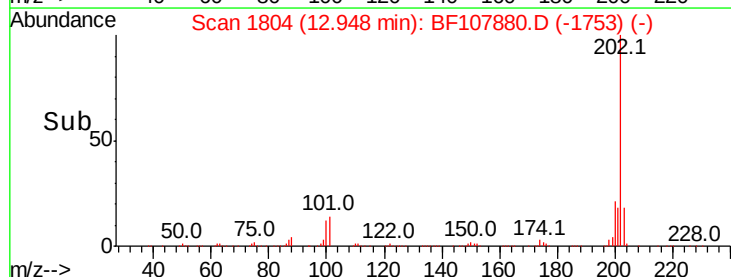
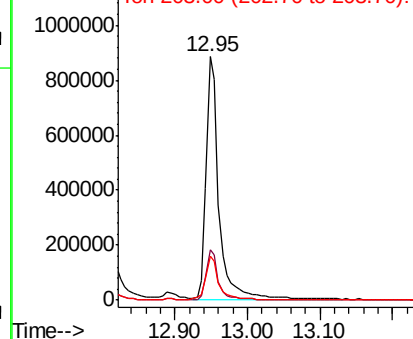
Lab File: BF107880.D

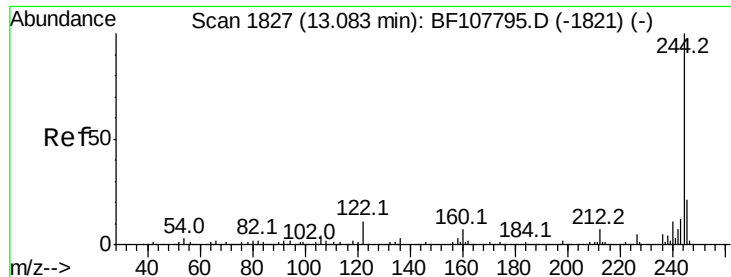
Acq: 1 Aug 2018 5:30

Tgt Ion:	202	Resp:	1081667
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.1	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: 6.653 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107880.D

Acq: 1 Aug 2018 5:30

Instrument :

BNA_F

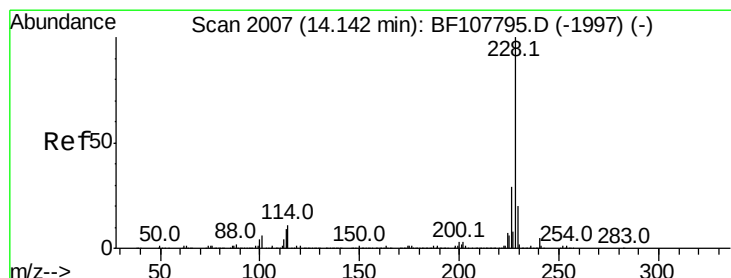
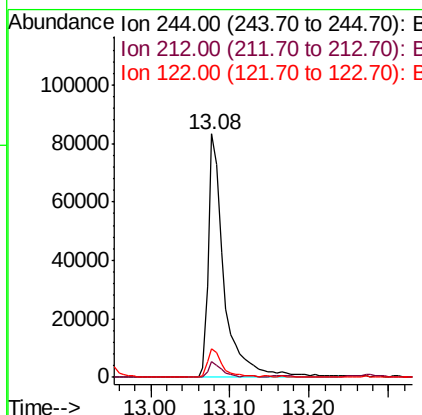
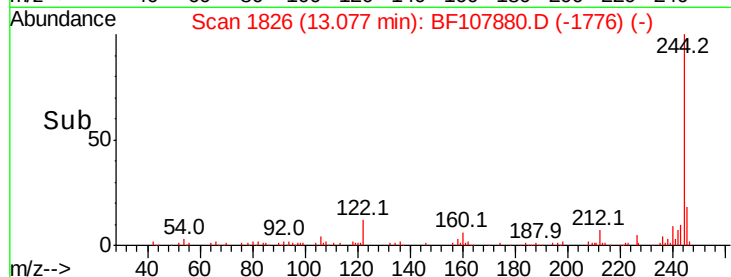
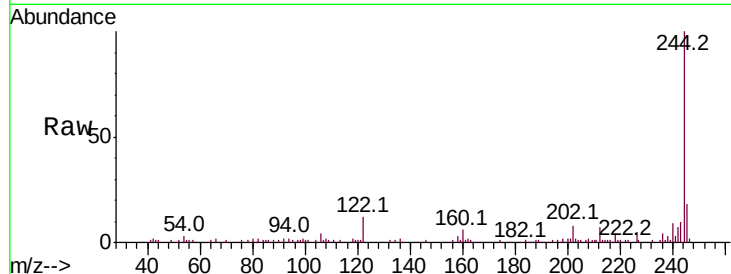
ClientSampleId :

2018-NYSEG-CLARK-AREA-7DL

Tot Ion:	244	Resp:	115963
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 13.938 ng

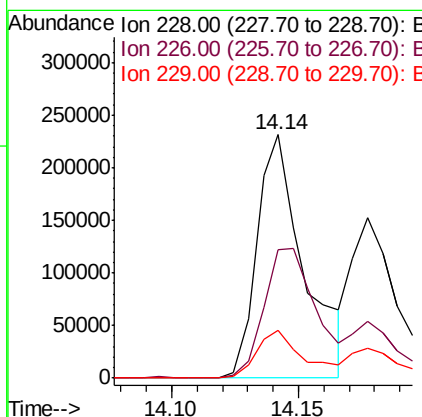
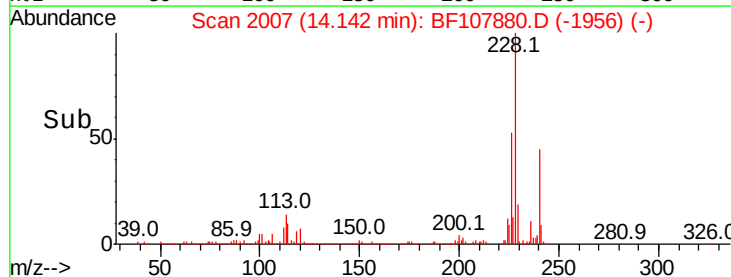
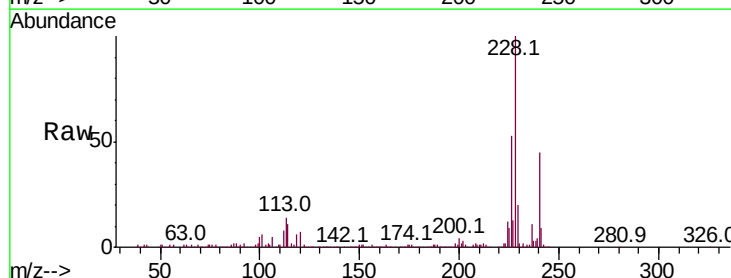
RT: 14.14 min Scan# 2007

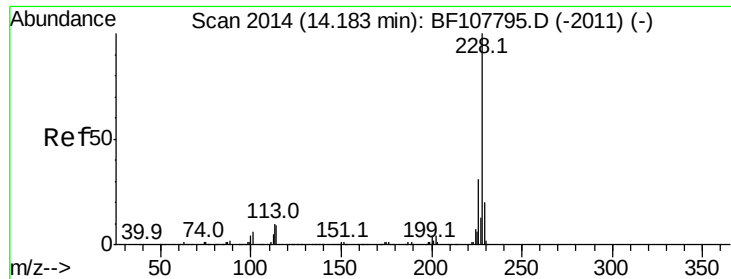
Delta R.T. 0.00 min

Lab File: BF107880.D

Acq: 1 Aug 2018 5:30

Tgt Ion:	228	Resp:	298437
Ion Ratio	Lower	Upper	
228	100		
226	52.8	22.6	33.8#
229	19.7	15.8	23.6





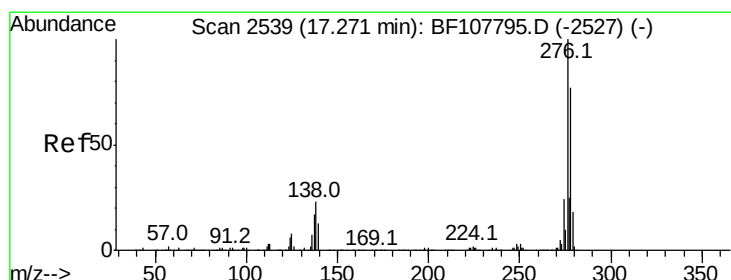
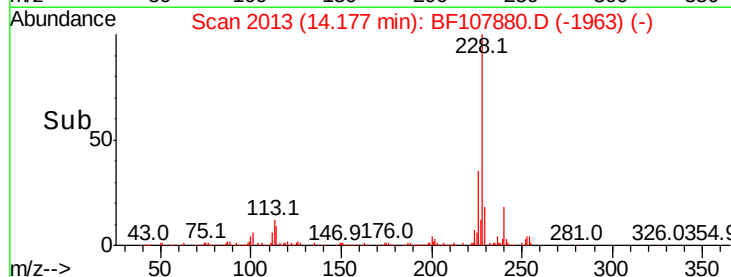
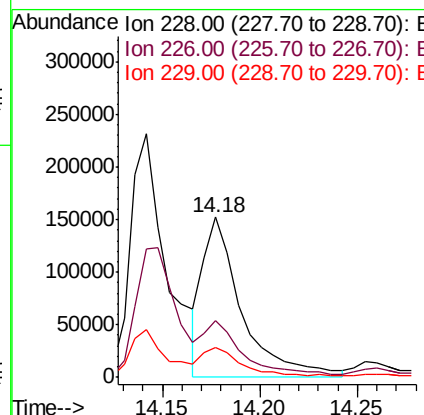
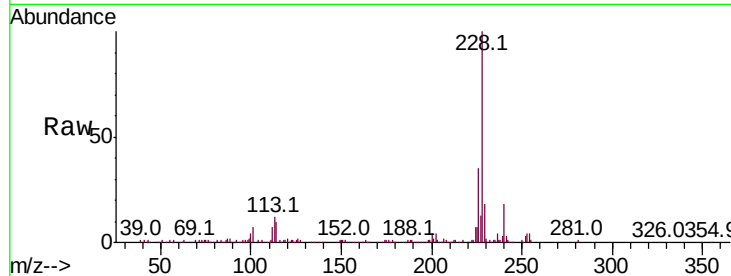
#82
Chrysene
Concen: 9.106 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	210300		
226	35.4	25.0	37.6	
229	18.5	16.2	24.4	

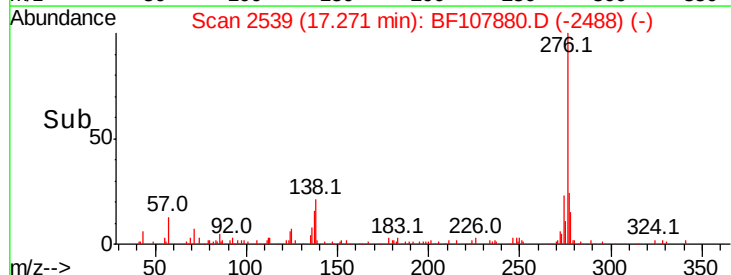
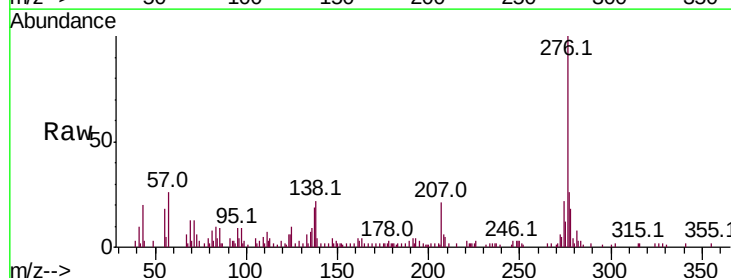
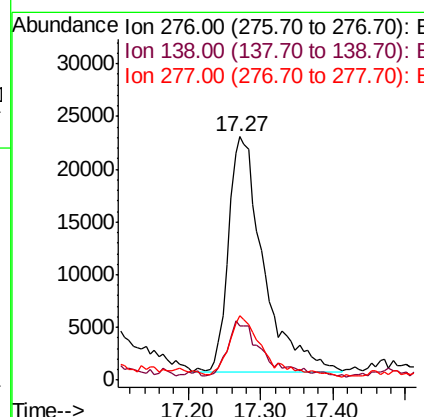
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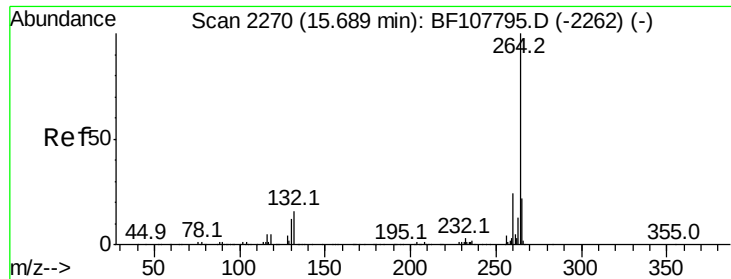
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.270 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	75013		
138	21.8	25.0	37.6	
277	25.6	20.1	30.1	





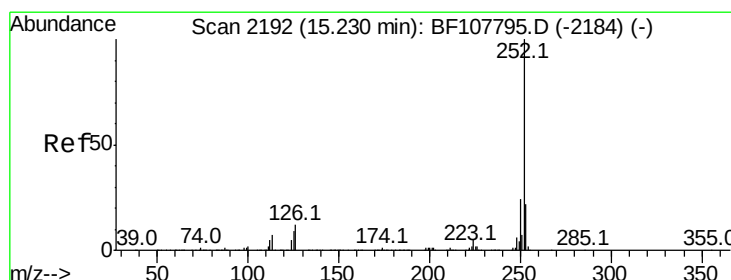
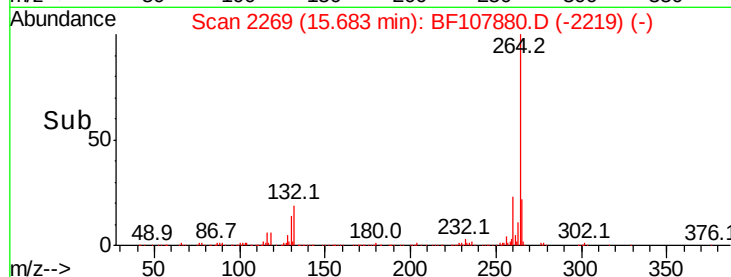
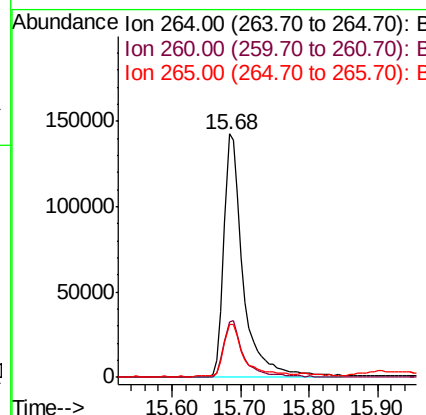
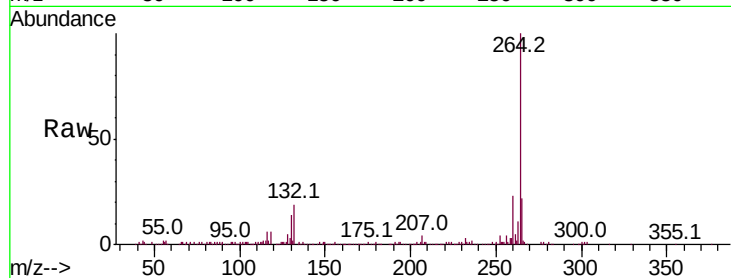
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	17.5	26.3

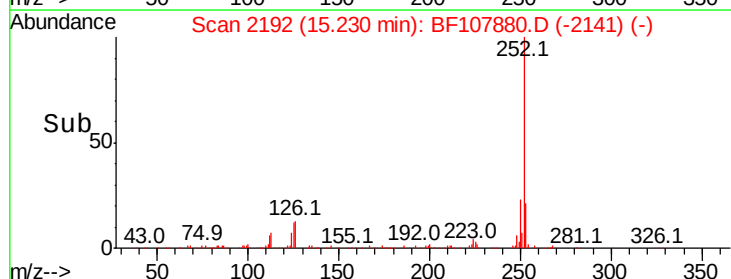
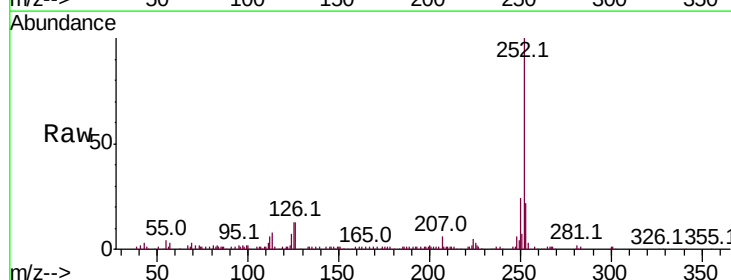
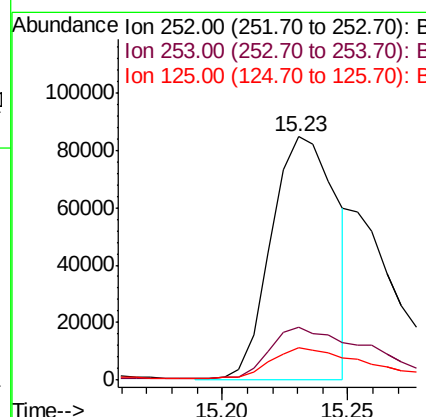
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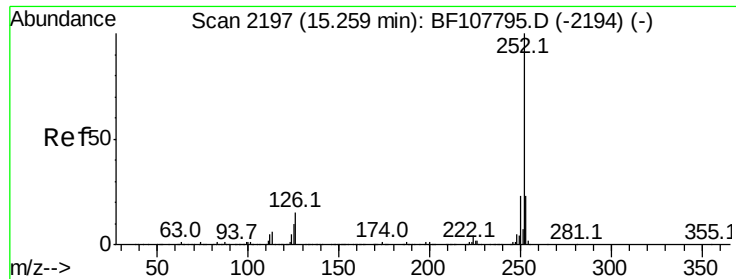
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#87
Benzo(b)fluoranthene
Concen: 11.114 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.4	9.0	13.6





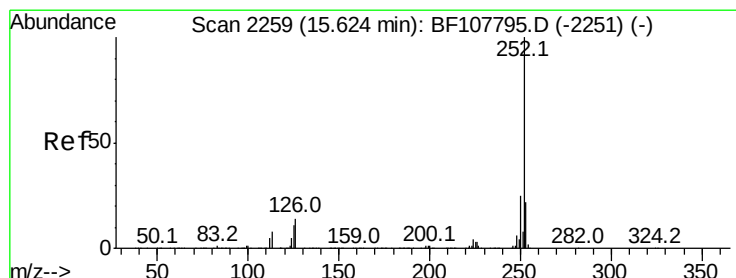
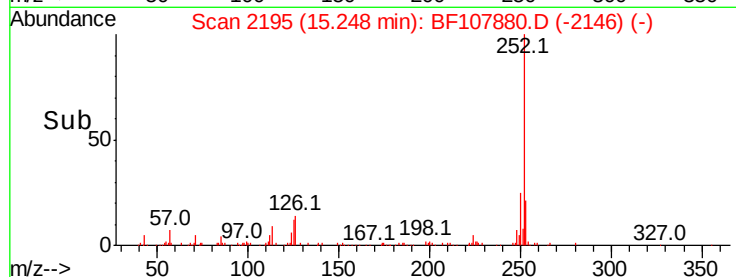
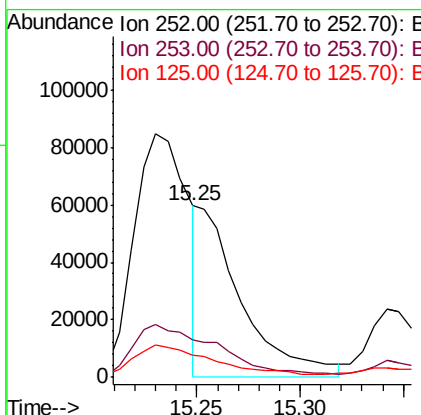
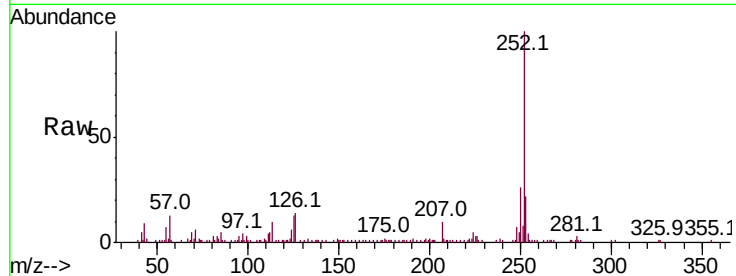
#88
Benzo(k)fluoranthene
Concen: 5.055 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	85493		
253	22.3		17.9	26.9
125	13.0		10.2	15.2

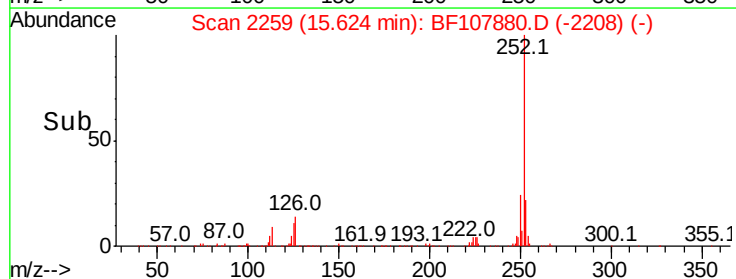
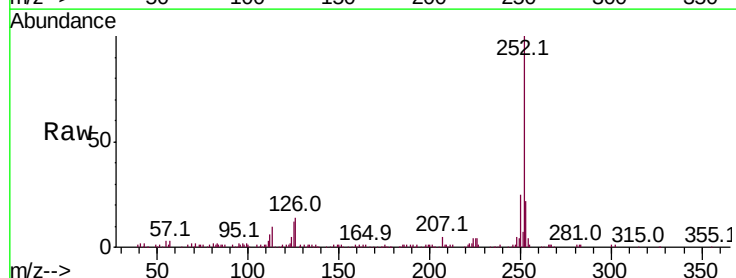
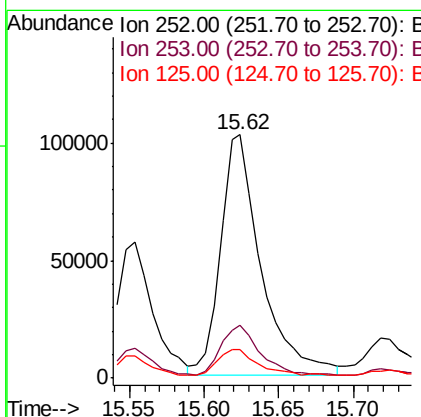
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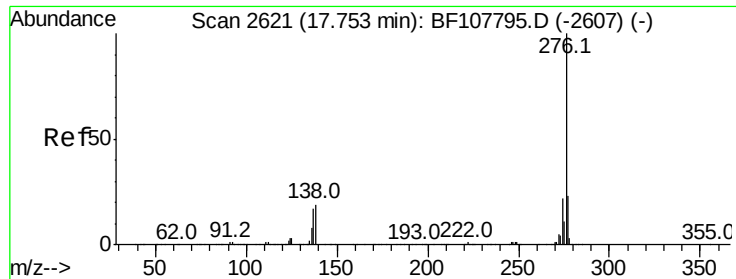
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#89
Benzo(a)pyrene
Concen: 13.775 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107880.D
Acq: 1 Aug 2018 5:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	195879		
253	22.0		17.1	25.7
125	11.7		9.8	14.6





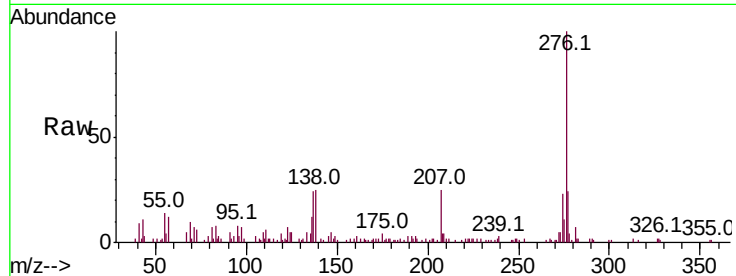
#91
 Benzo(a,h,i)perylene
 Concen: 7.024 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BF107880.D
 Acq: 1 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-7DL

Tot Ion:	276	Resp:	84298
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	25.2	21.8	32.8

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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

