

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107863.D
 Acq On : 31 Jul 2018 21:27
 Operator : JU/SJ
 Sample : J4231-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Manual Integrations
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Quant Time: Aug 01 03:26:25 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	6.96	152	162526	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	707694	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	305909	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	543282	20.00	ng	0.00
75) Chrysene-d12	14.15	240	420011	20.00	ng	0.00
86) Perylene-d12	15.68	264	463159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	855346	89.44	ng	0.00
7) Phenol-d6	6.60	99	1128017	89.50	ng	0.00
23) Nitrobenzene-d5	7.52	82	703013	57.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	298254	71.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1369364	62.38	ng	0.00
78) Terphenyl-d14	13.08	244	1072268	55.36	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.27	128	174631	5.308	ng	98
49) Dimethylphthalate	9.71	163	92963	4.046	ng	99
51) Acenaphthene	10.03	154	264509	13.991	ng	97
57) Fluorene	10.55	166	139529	6.144	ng	96
70) Phenanthrene	11.52	178	801216	31.059	ng	99
71) Anthracene	11.58	178	317372	10.666	ng	99
74) Fluoranthene	12.72	202	607020	20.030	ng	96
77) Pyrene	12.95	202	723121	23.909	ng	98
80) Benzo(a)anthracene	14.14	228	258142m	10.850	ng	
82) Chrysene	14.18	228	228529	8.905	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	108922	6.542	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	93862	4.809	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	204353m	8.946	ng	
88) Benzo(k)fluoranthene	15.24	252	129243m	4.608	ng	
89) Benzo(a)pyrene	15.62	252	251217	10.653	ng	98
91) Benzo(a,h,i)perylene	17.75	276	94527	4.749	ng	96

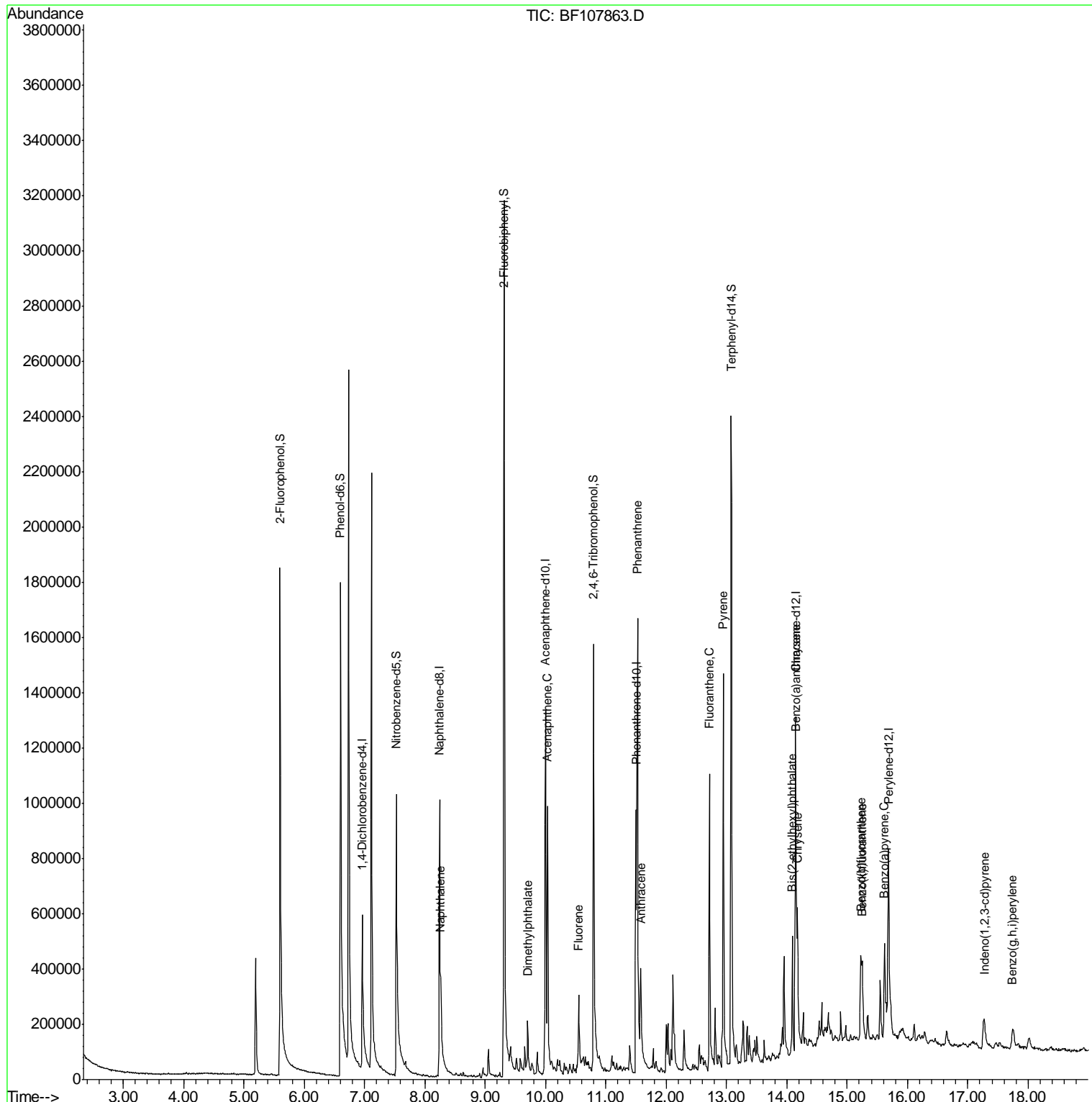
(#) = qualifier out of range (m) = manual integration (+) = signals summed

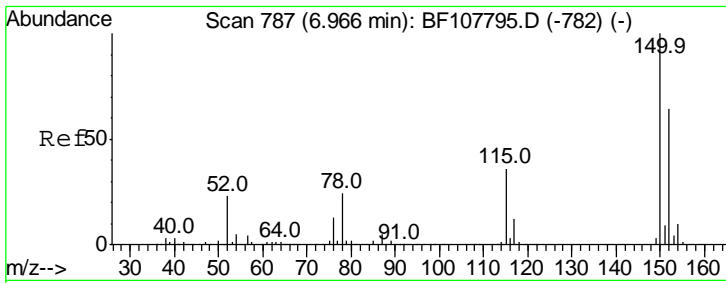
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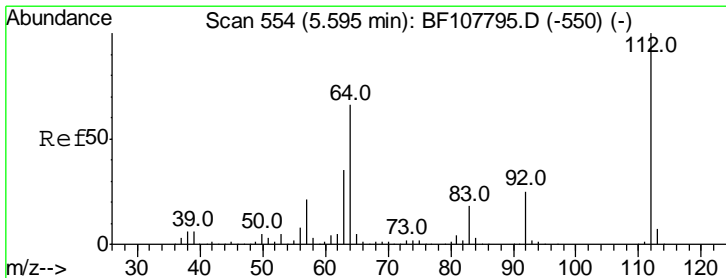
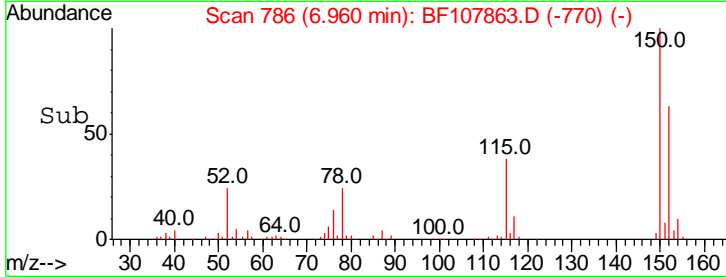
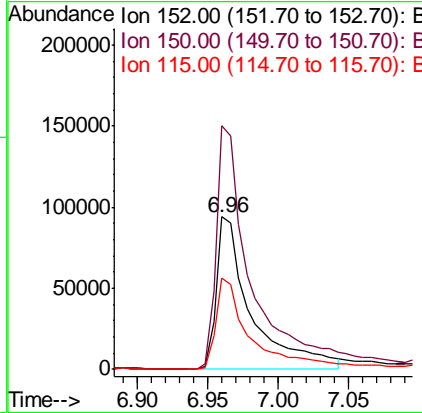
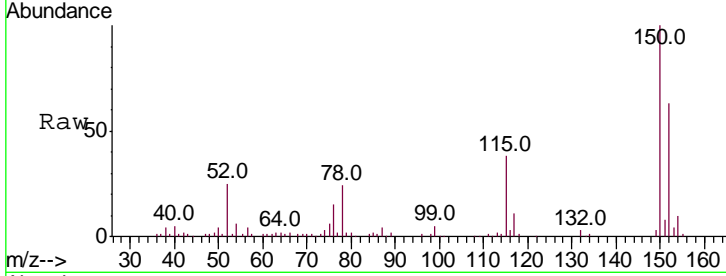
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
152	162526		
152	100		
150	159.9	124.6	186.8
115	60.1	50.1	75.1

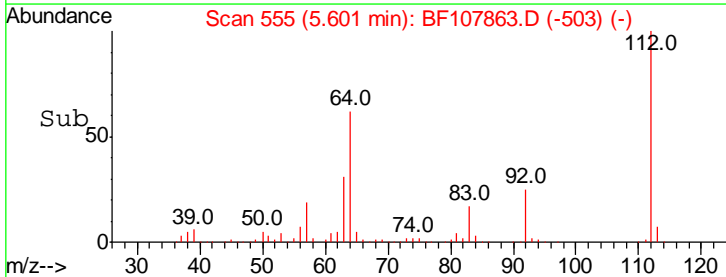
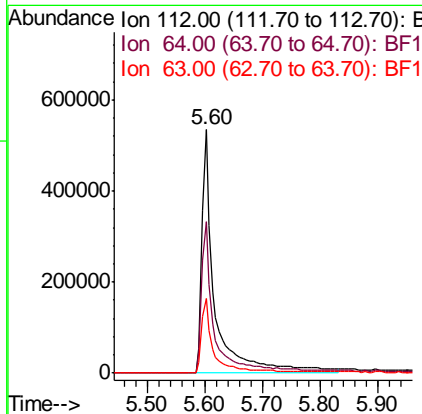
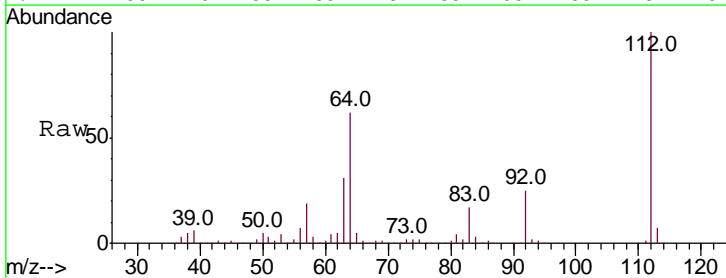
Manual Integrations
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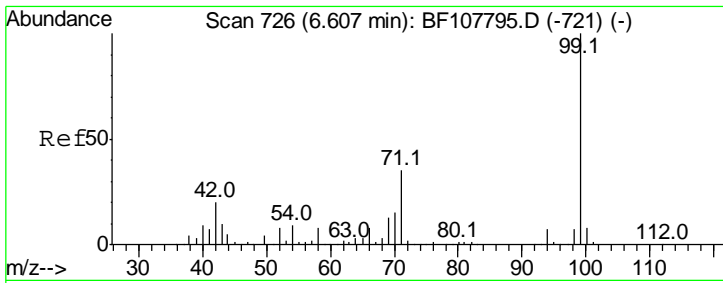
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#5
 2-Fluorophenol
 Concen: 89.444 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
112	855346		
112	100		
64	62.4	47.9	71.9
63	30.9	23.7	35.5





#7
 Phenol-d6
 Concen: 89.501 ng
 RT: 6.60 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

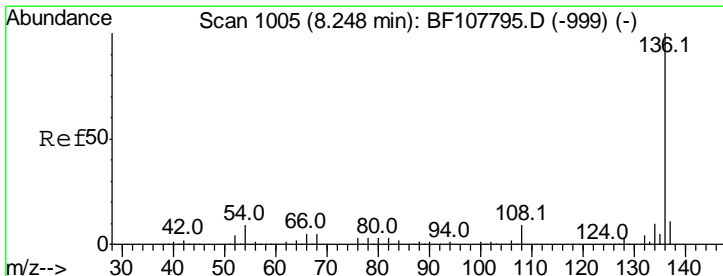
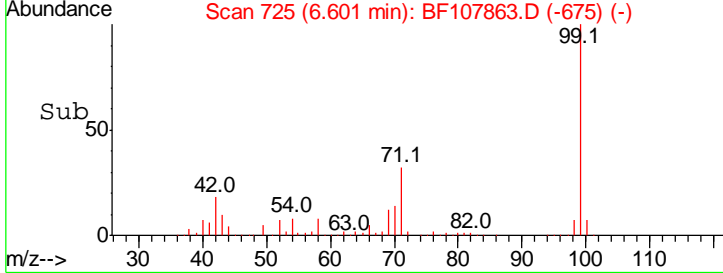
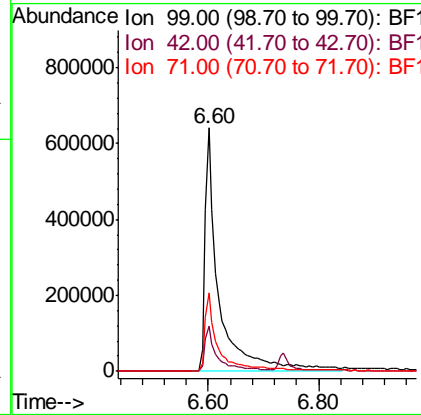
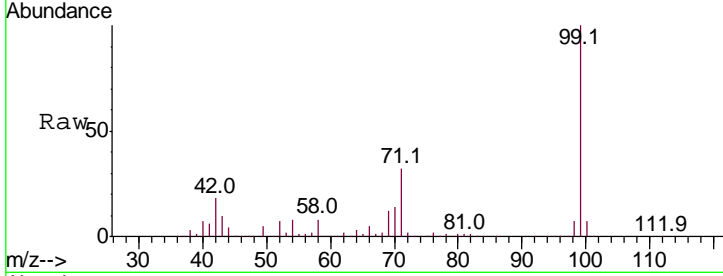
Instrument :
 BNA_F
ClientSampled :
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Tgt Ion: 99 Resp: 1128017

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.4	25.4	38.0

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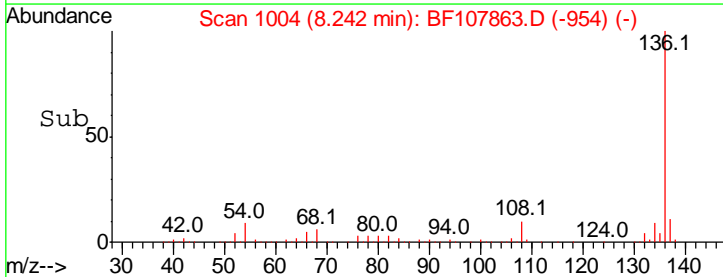
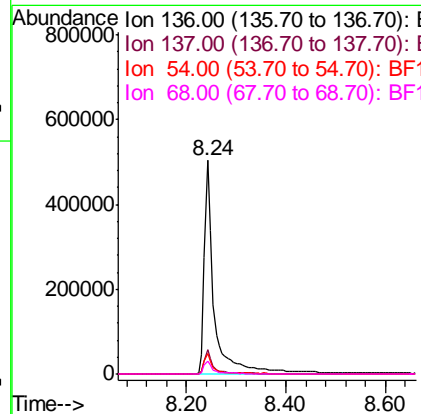
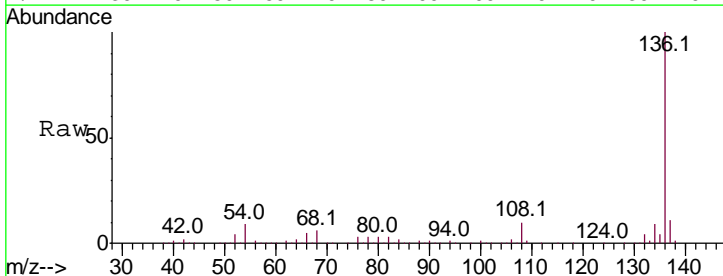
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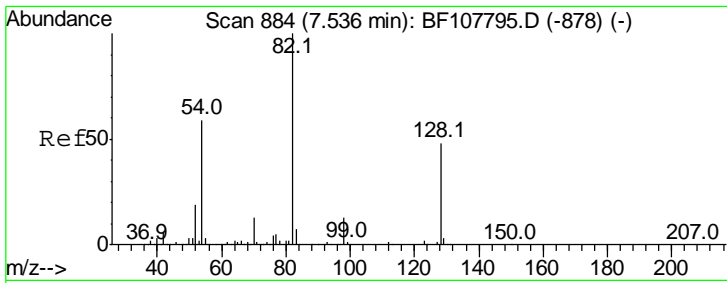


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion: 136 Resp: 707694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4





#23
 Nitrobenzene-d5
 Concen: 57.229 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

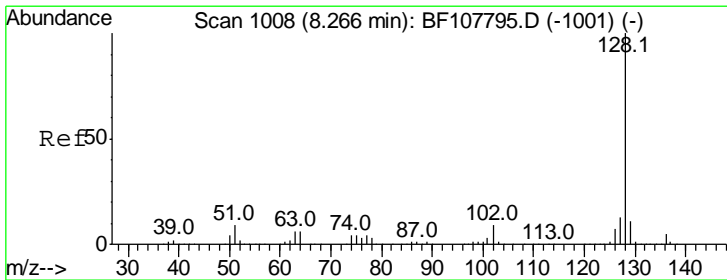
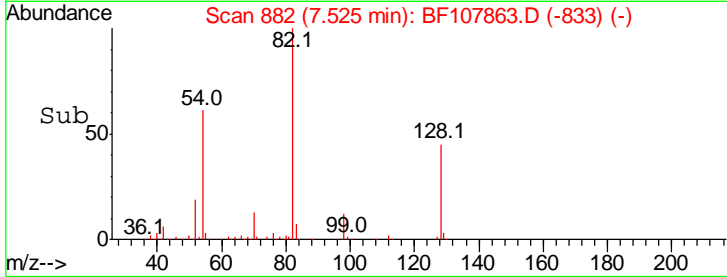
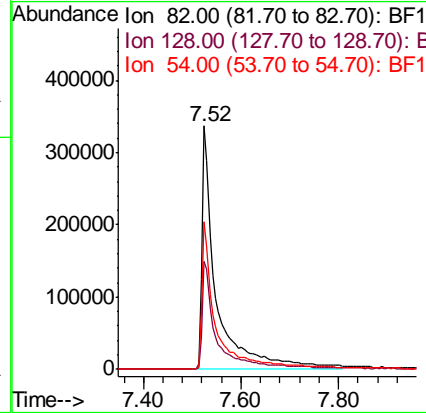
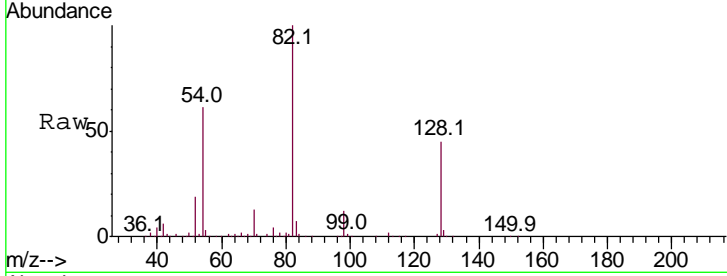
Instrument :
 BNA_F
ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion: 82 Resp: 703013

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	60.8	41.4	62.2

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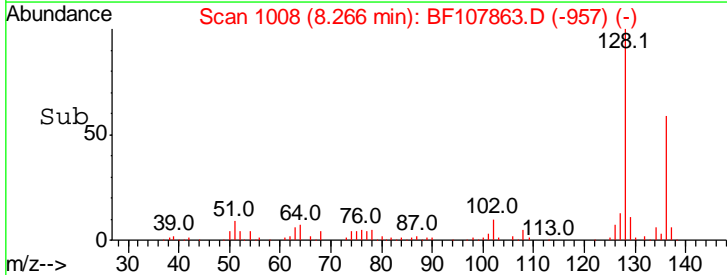
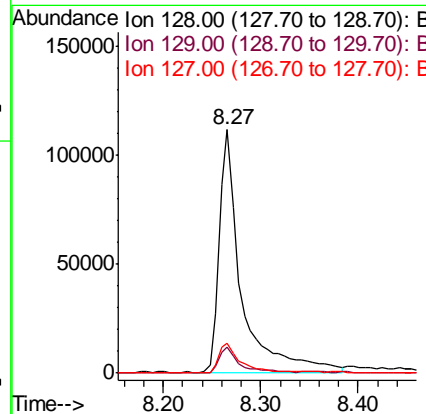
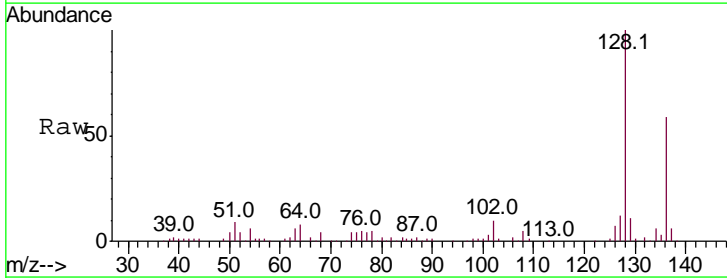
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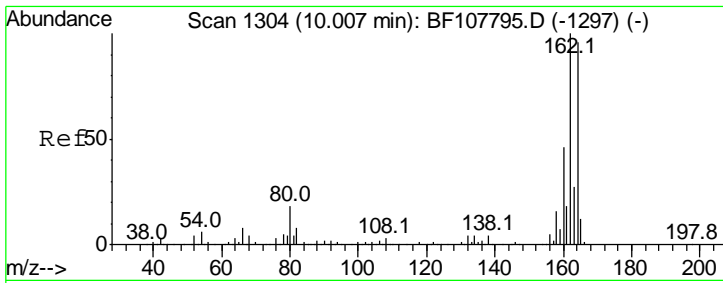


#31
 Naphthalene
 Concen: 5.308 ng
 RT: 8.27 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion: 128 Resp: 174631

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.4	10.9	16.3





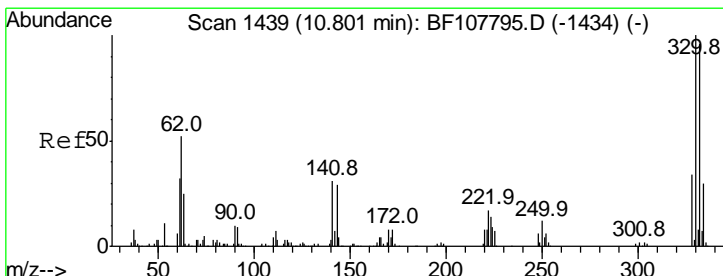
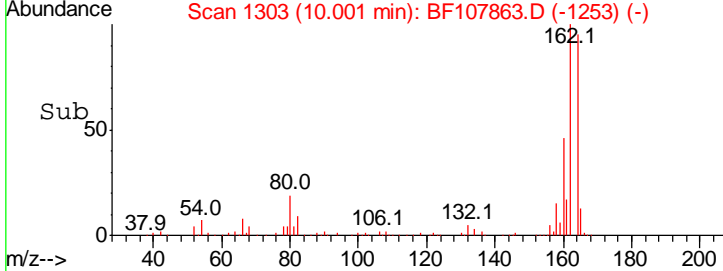
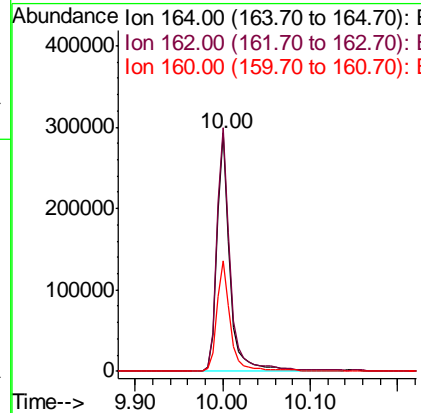
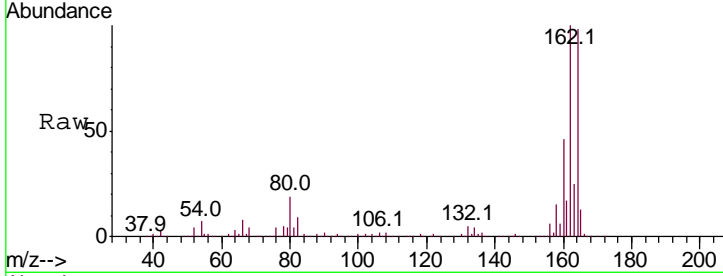
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5

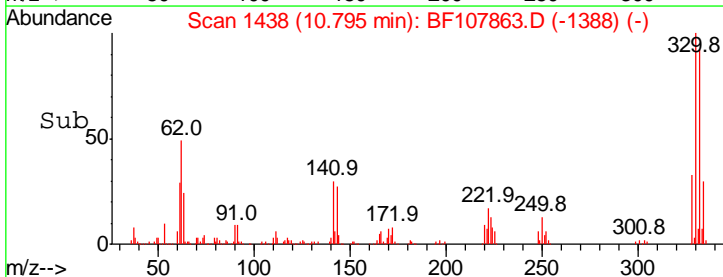
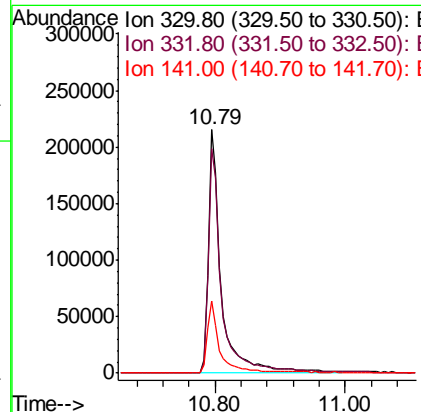
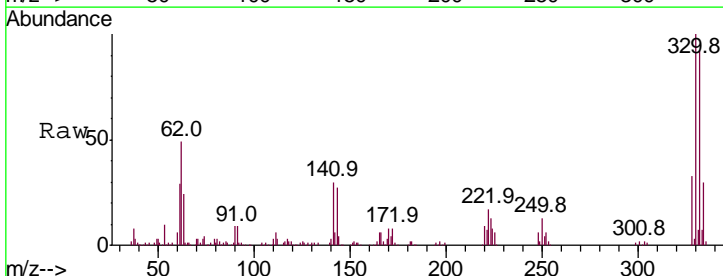
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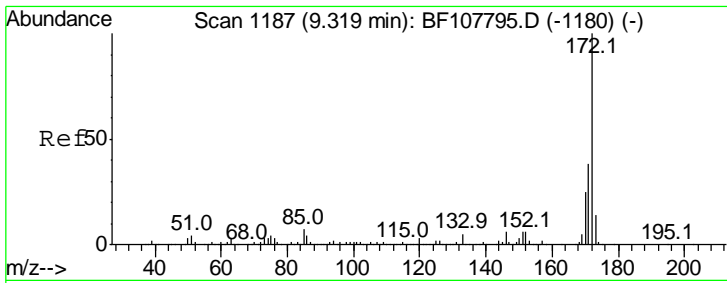
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#41
 2,4,6-Tribromophenol
 Concen: 71.753 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.2	29.9	44.9#





#44
 2-Fluorobiphenyl
 Concen: 62.378 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

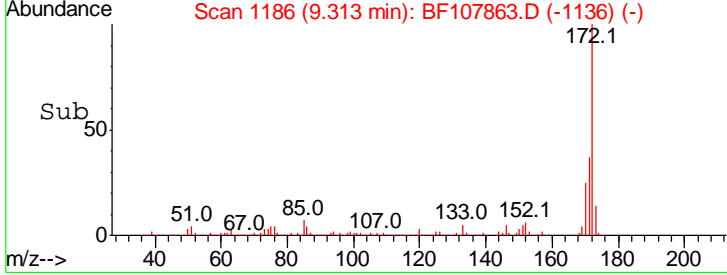
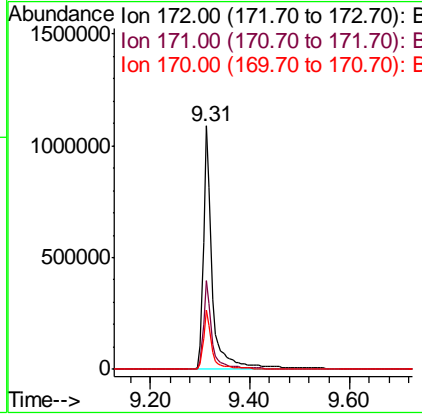
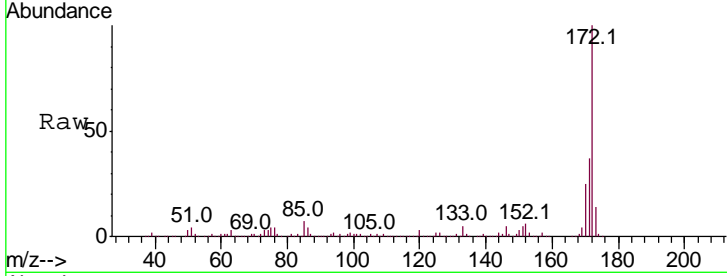
Instrument :
 BNA_F
ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion:172 Resp: 1369364

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

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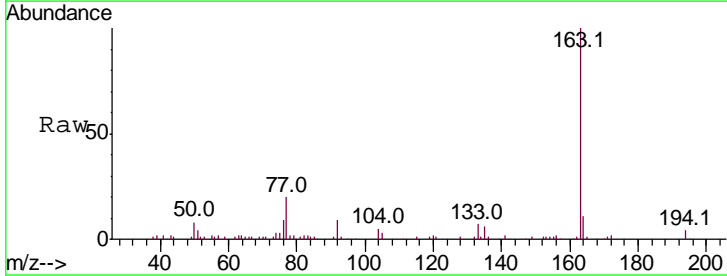
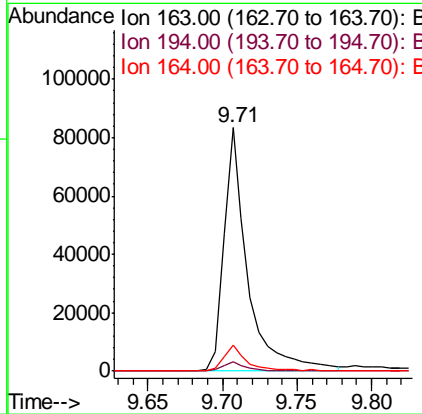
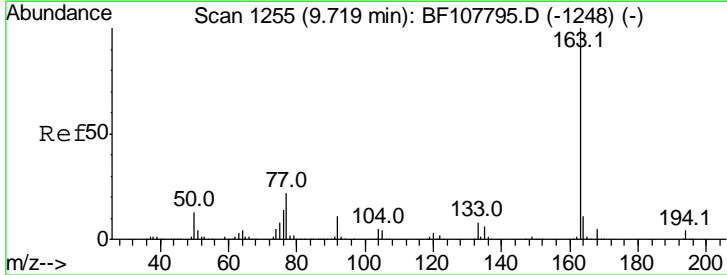
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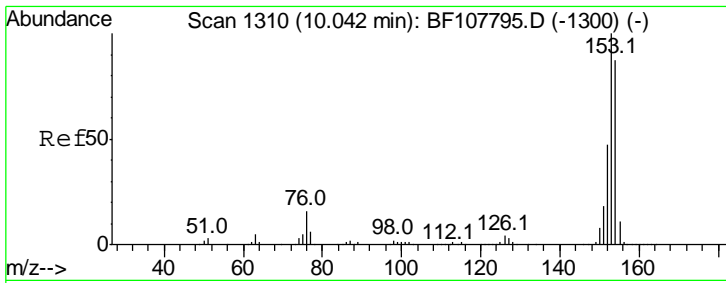


#49
 Dimethylphthalate
 Concen: 4.046 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion:163 Resp: 92963

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2





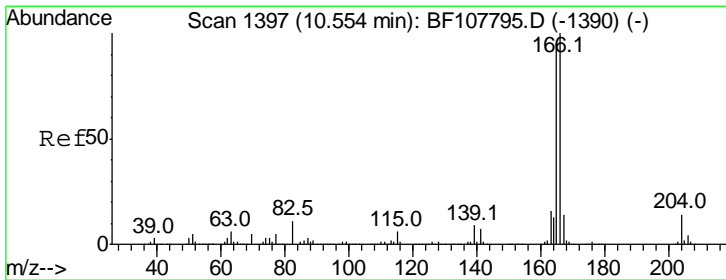
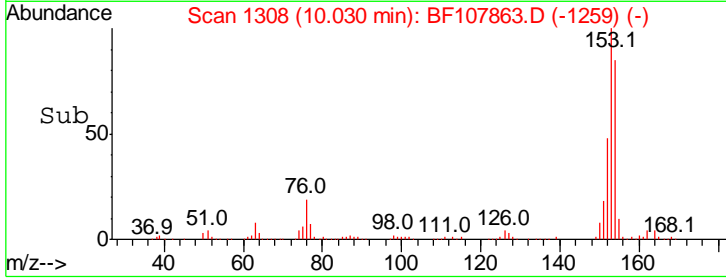
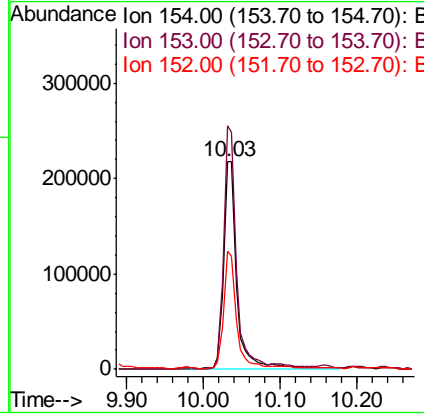
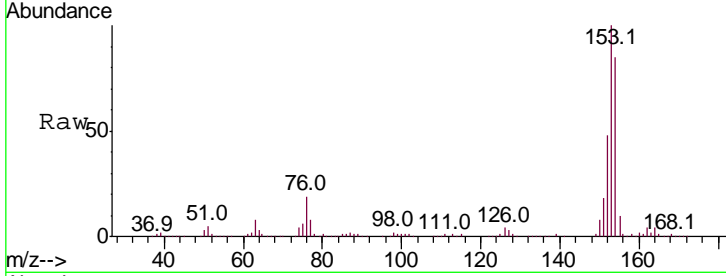
#51
 Acenaphthene
 Concen: 13.991 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	56.9	43.8	65.8

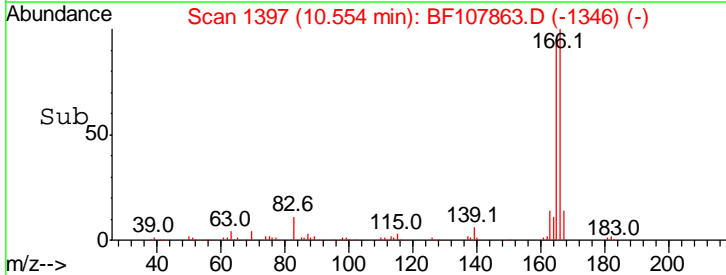
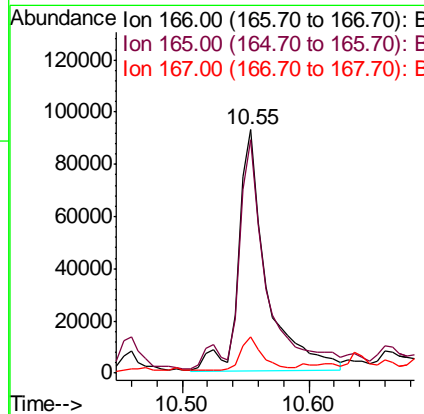
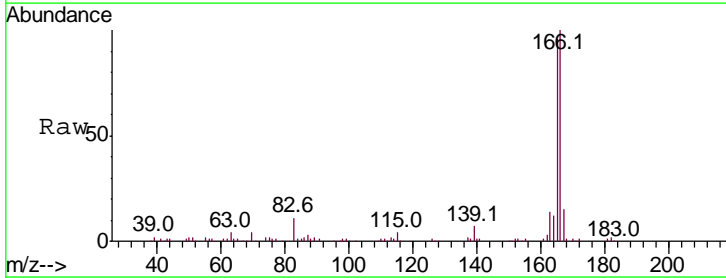
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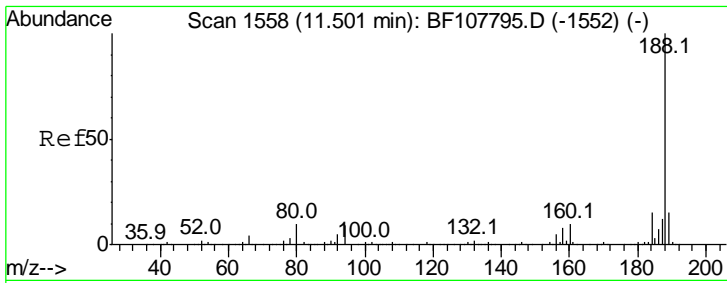
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#57
 Fluorene
 Concen: 6.144 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
166	100		
165	95.9	79.8	119.8
167	14.8	10.6	16.0



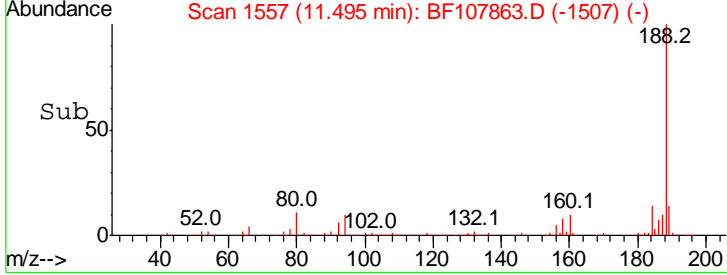
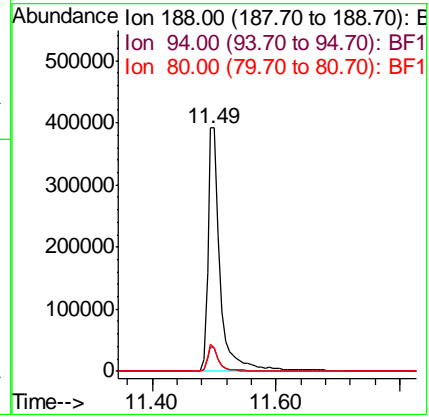
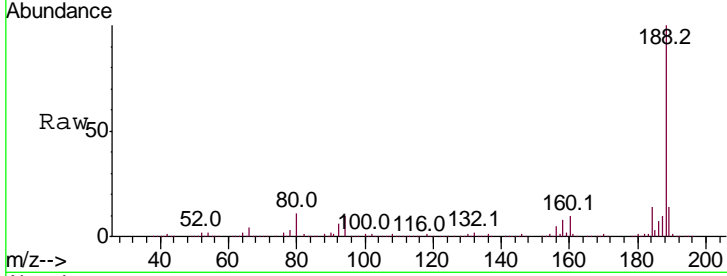


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

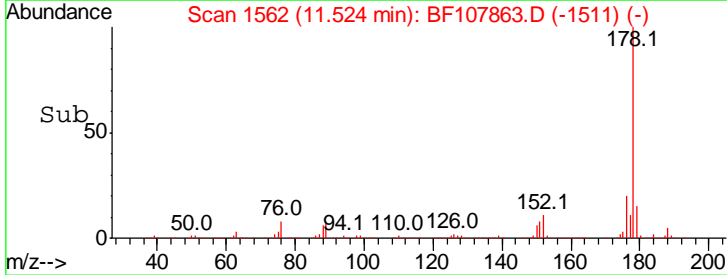
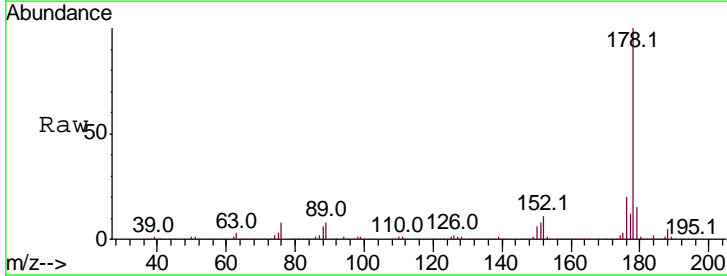
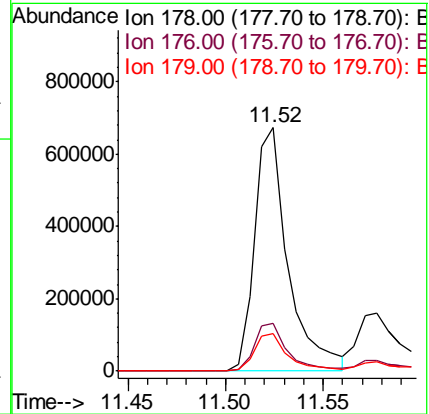
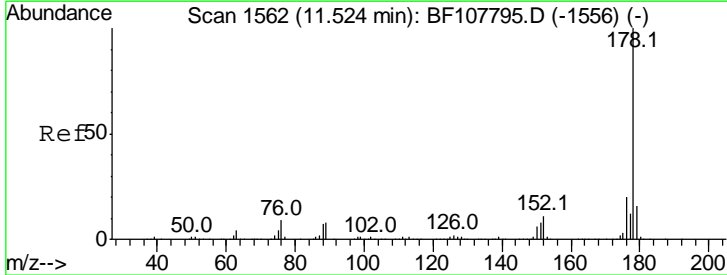
Tgt Ion	Resp	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

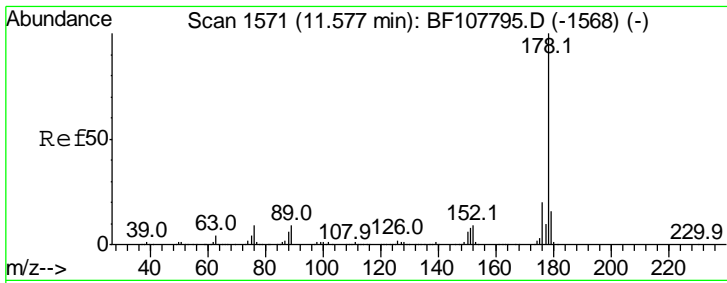
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 Sohil
 8/1/2018 3:57:26 PM



#70
 Phenanthrene
 Concen: 31.059 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6





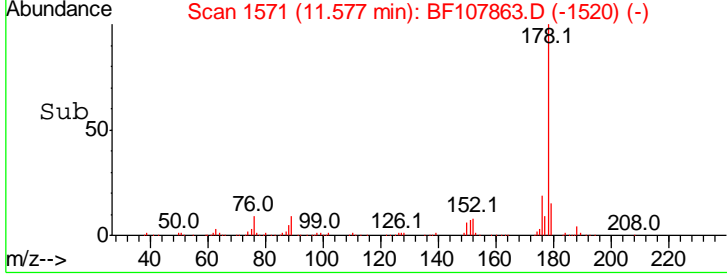
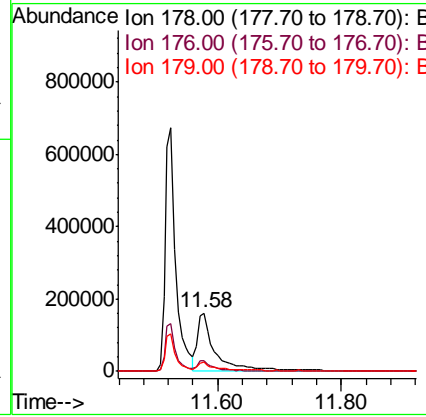
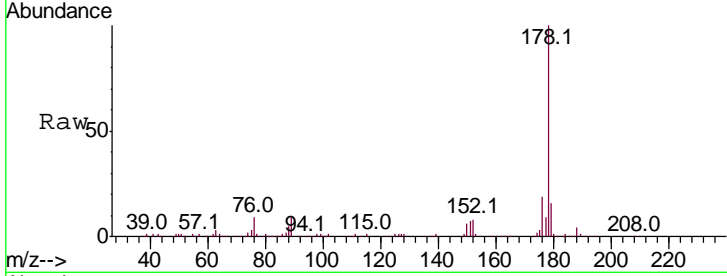
#71
 Anthracene
 Concen: 10.666 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0

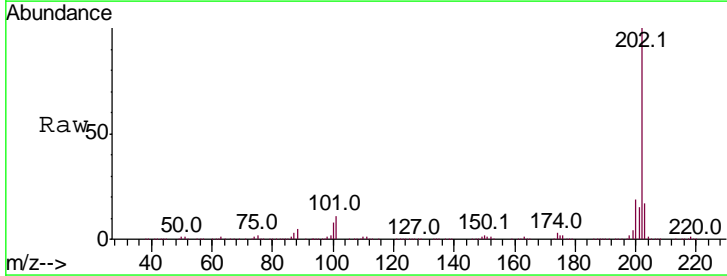
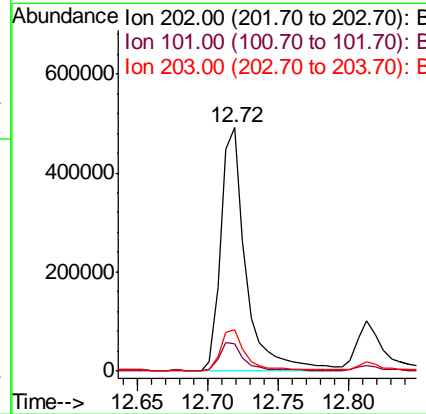
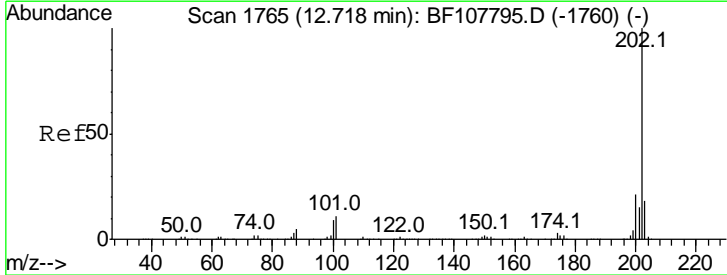
Manual Integrations
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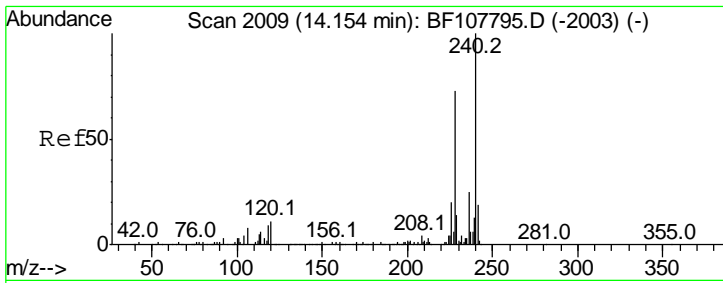
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#74
 Fluoranthene
 Concen: 20.030 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.2	0.0	38.1





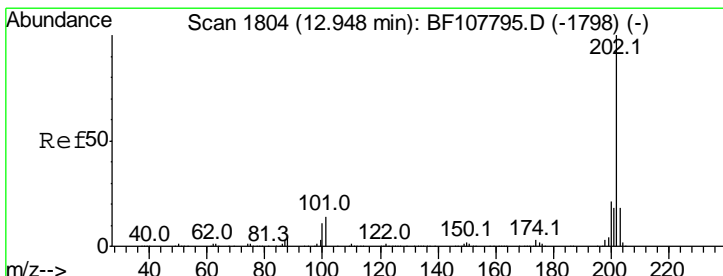
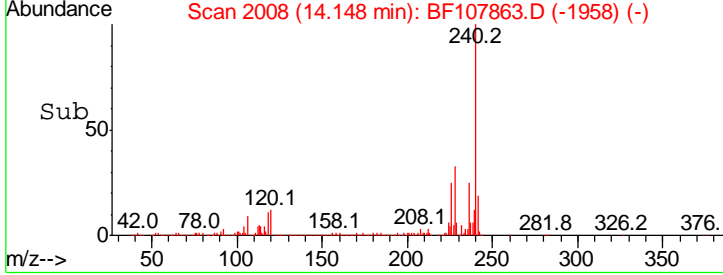
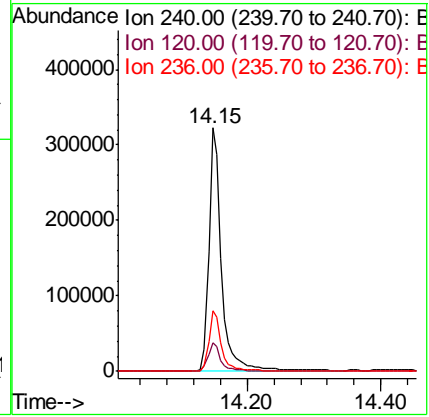
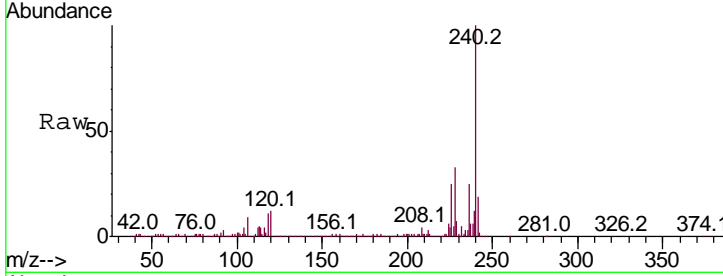
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.0	20.7	31.1

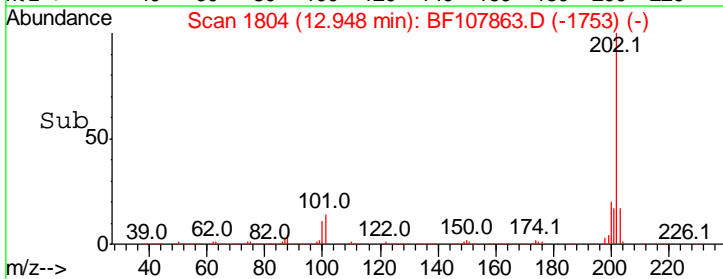
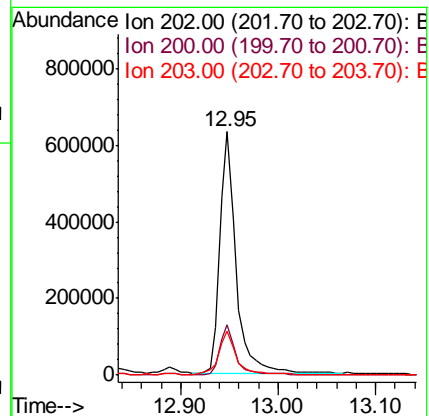
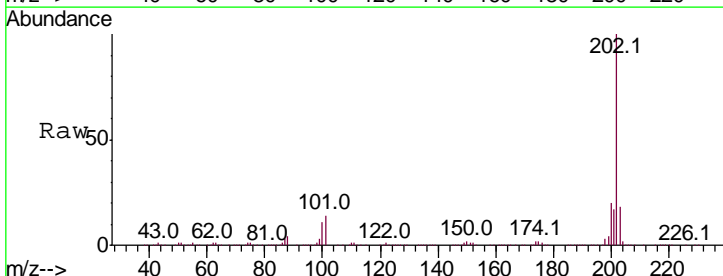
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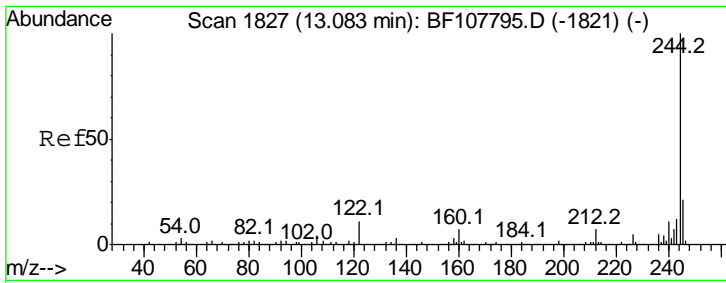
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#77
 Pyrene
 Concen: 23.909 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5





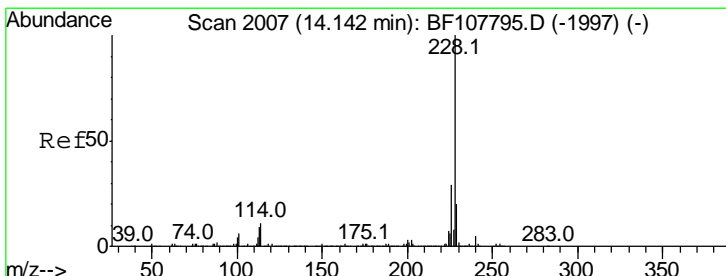
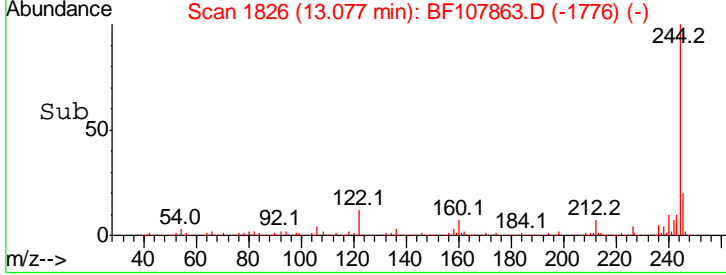
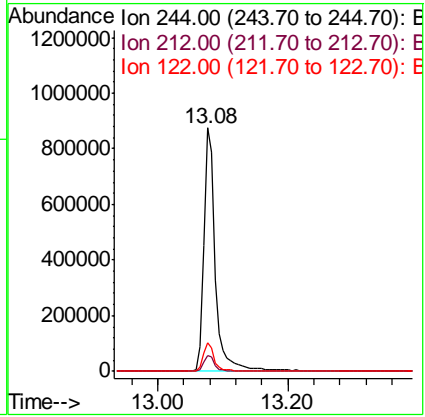
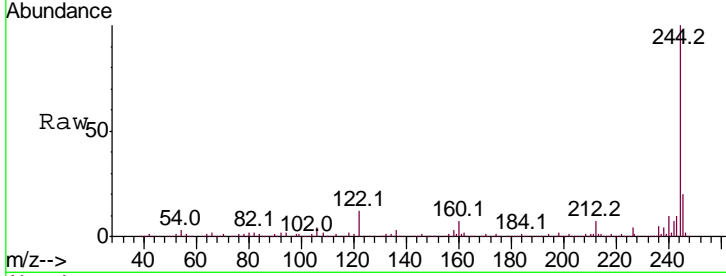
#78
 Terphenyl-d14
 Concen: 55.359 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion: 244 Resp: 1072268

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4

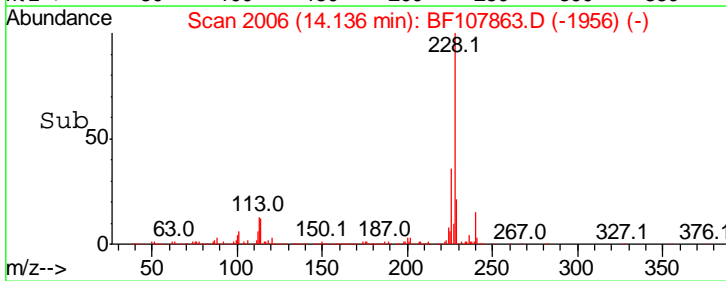
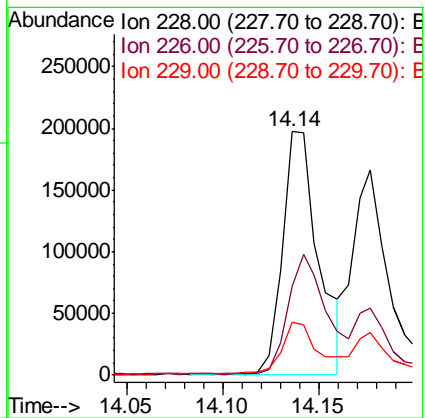
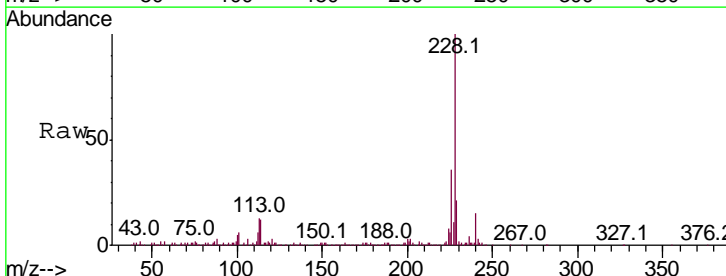
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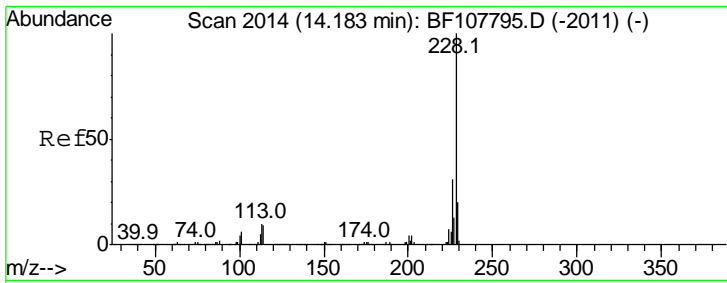


#80
 Benzo(a)anthracene
 Concen: 10.850 ng m
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion: 228 Resp: 258142

Ion	Ratio	Lower	Upper
228	100		
226	36.3	22.6	33.8#
229	21.5	15.8	23.6





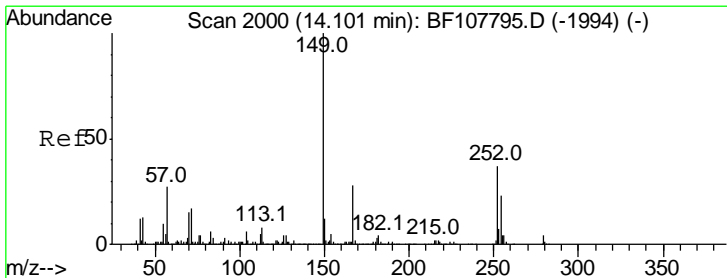
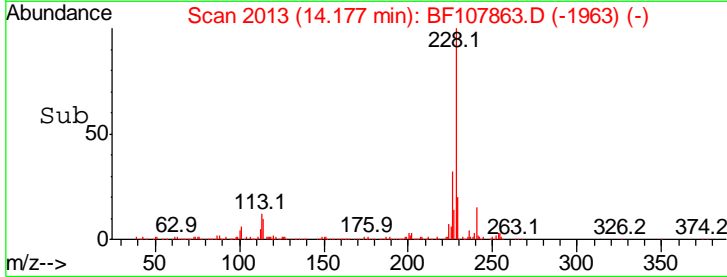
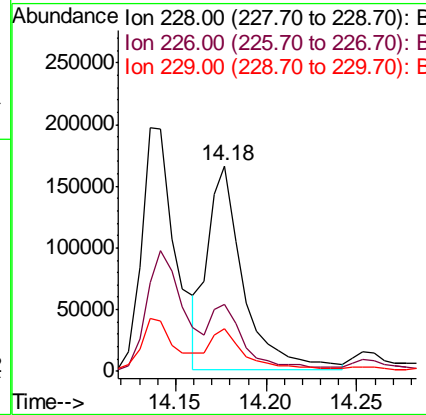
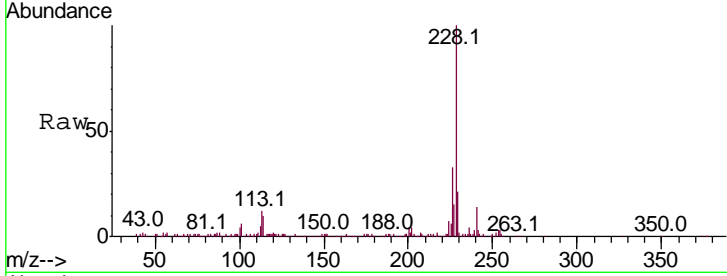
#82
 Chrysene
 Concen: 8.905 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	20.5	16.2	24.4

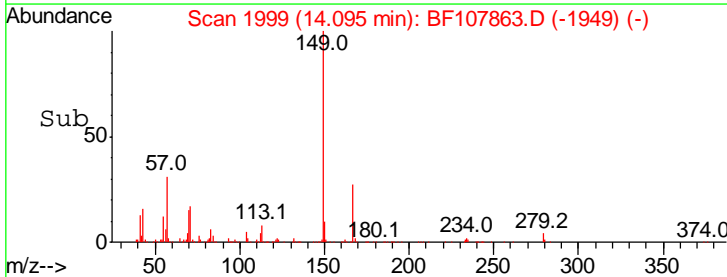
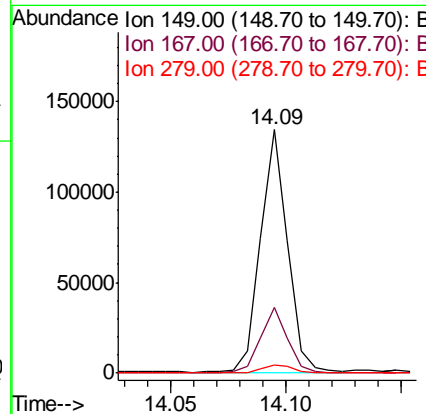
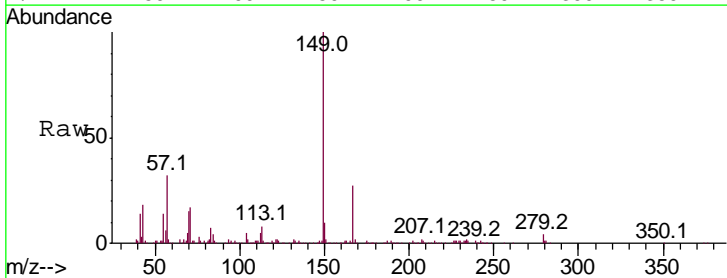
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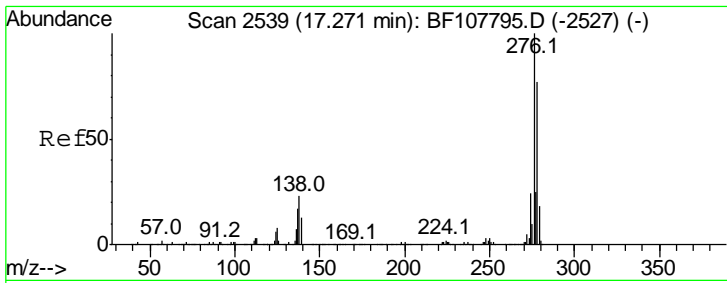
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.542 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.5	3.0	4.4





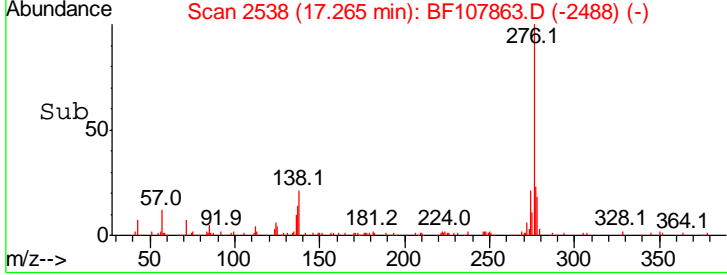
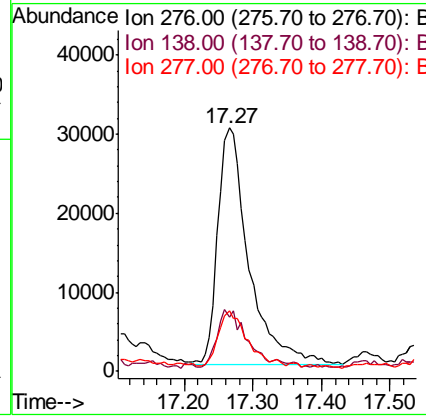
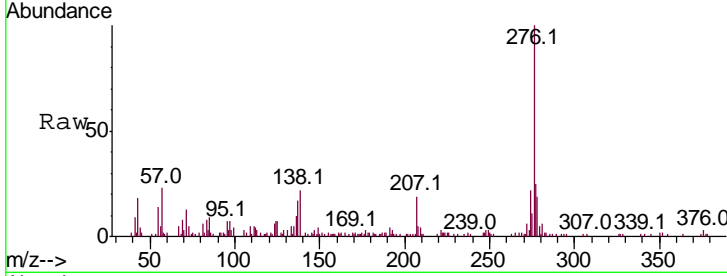
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.809 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	21.4	20.1	30.1

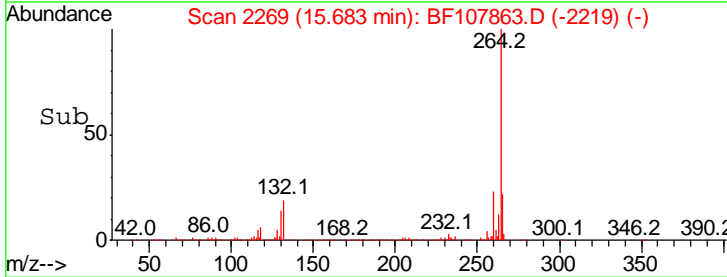
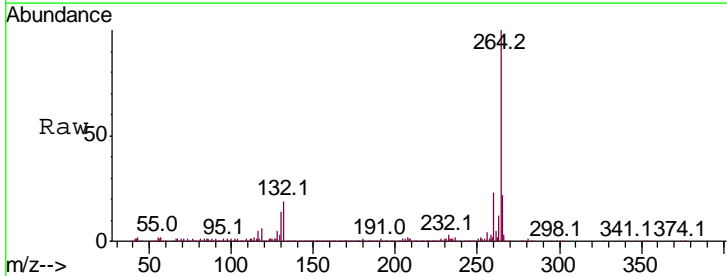
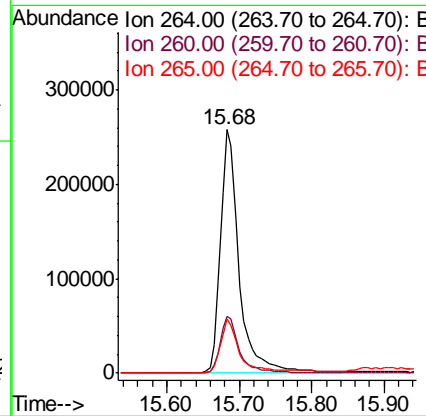
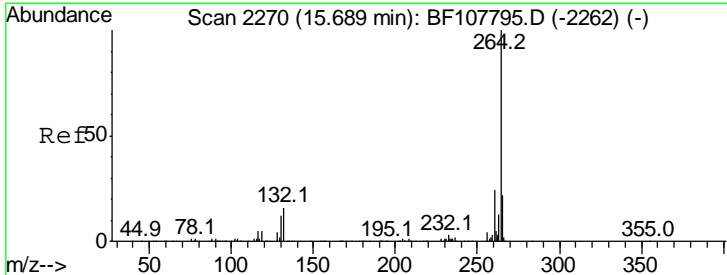
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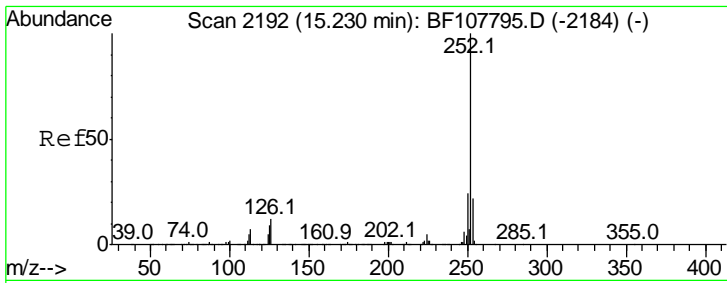
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.3	17.5	26.3





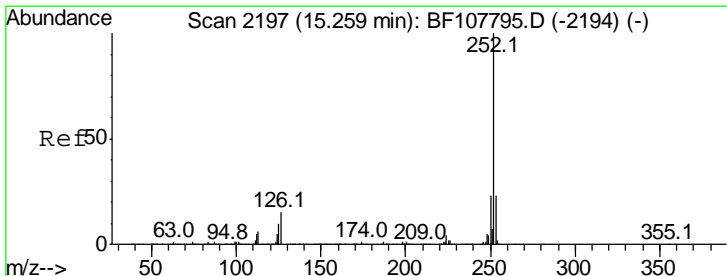
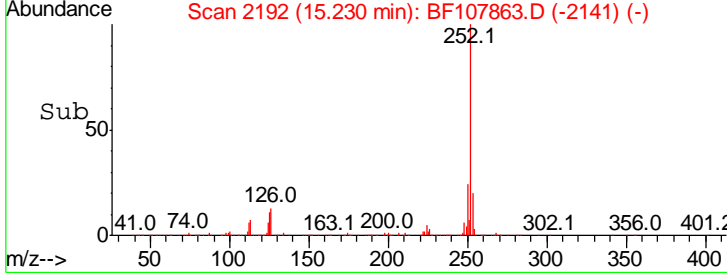
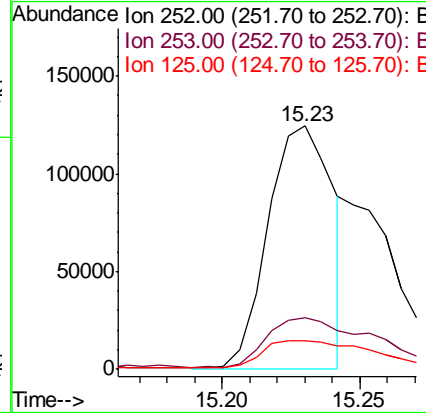
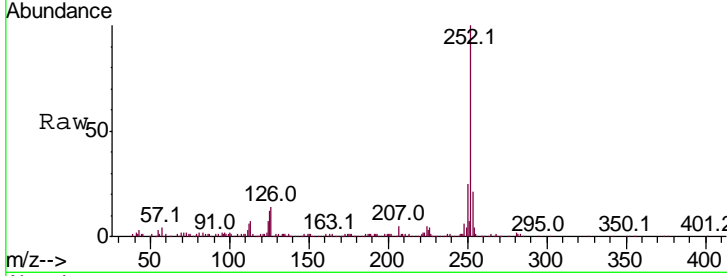
#87
 Benzo(b)fluoranthene
 Concen: 8.946 ng m
 RT: 15.23 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	11.8	9.0	13.6

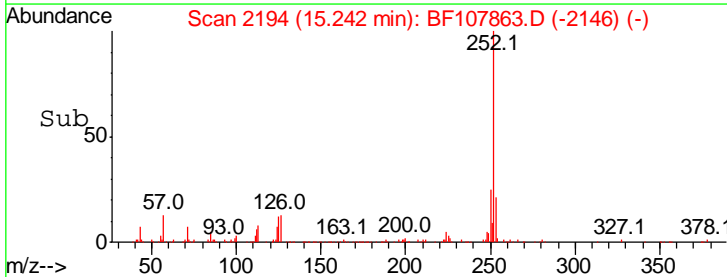
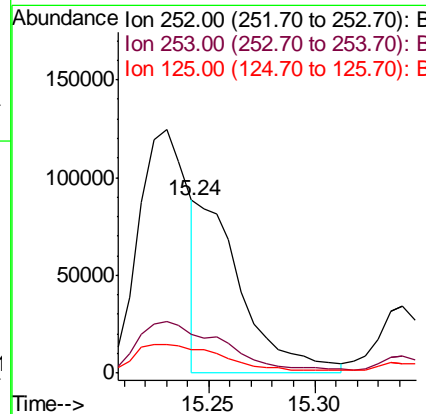
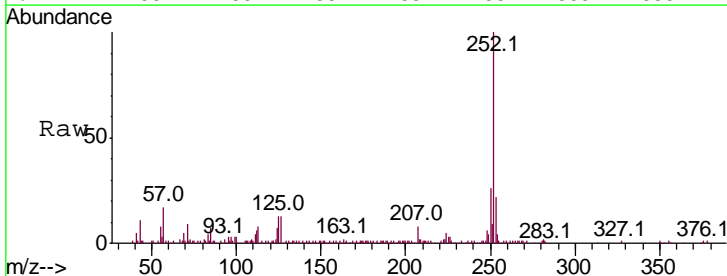
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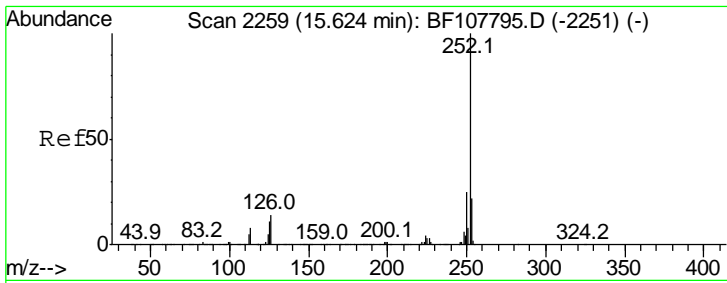
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#88
 Benzo(k)fluoranthene
 Concen: 4.608 ng m
 RT: 15.24 min Scan# 2194
 Delta R.T. -0.02 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.3	10.2	15.2





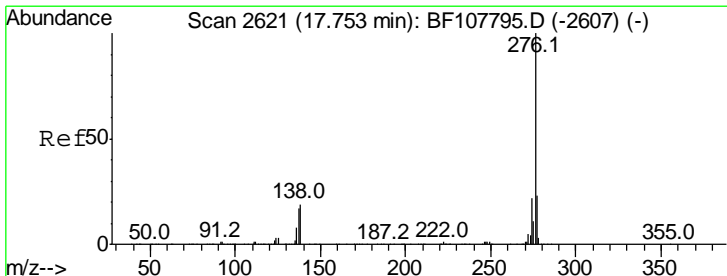
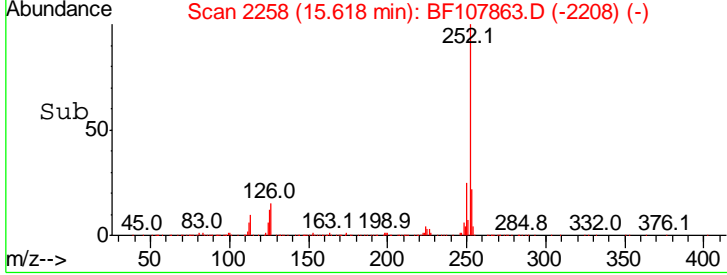
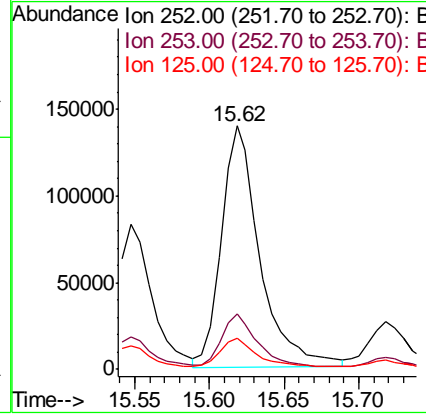
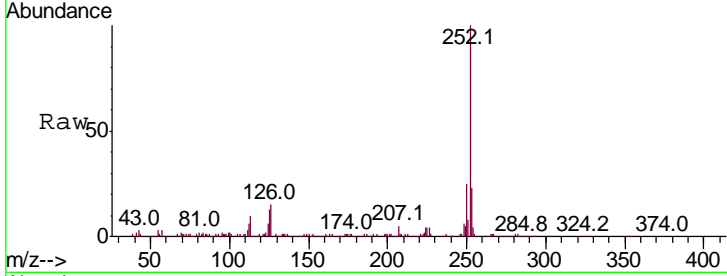
#89
 Benzo(a)pyrene
 Concen: 10.653 ng
 RT: 15.62 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Instrument :
 BNA_F
 Client Sampled :
 2018-NYSEG-CLARK-AREA-14-9

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.7	9.8	14.6

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 4.749 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107863.D
 Acq: 31 Jul 2018 21:27

Tgt Ion	Resp	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	25.4	21.8	32.8

