

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108107.D
 Acq On : 11 Aug 2018 2:31
 Operator : JU/SJ
 Sample : J4409-01DL 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/13/2018 3:52:41 PM

Quant Time: Aug 11 05:49:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	226320	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	805401	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	340180	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	610943	20.00	ng	0.00
75) Chrysene-d12	14.22	240	500955	20.00	ng	0.00
86) Perylene-d12	15.79	264	333279	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	13964	1.12	ng	0.00
7) Phenol-d6	6.62	99	19564	1.18	ng	0.00
23) Nitrobenzene-d5	7.57	82	10346	0.72	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	2614	0.77	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	19846	0.94	ng	0.00
78) Terphenyl-d14	13.15	244	20857	1.06	ng	0.00
Target Compounds						
31) Naphthalene	8.32	128	131407	3.588	ng	99
45) 1,1'-Biphenyl	9.48	154	78640	3.135	ng	99
51) Acenaphthene	10.10	154	329568	17.169	ng	97
57) Fluorene	10.62	166	180691	8.208	ng	98
70) Phenanthrene	11.59	178	1169324	40.579	ng	99
71) Anthracene	11.64	178	387794	13.130	ng	98
74) Fluoranthene	12.79	202	764038	24.294	ng	95
77) Pyrene	13.02	202	957082	30.177	ng	100
80) Benzo(a)anthracene	14.21	228	279410m	9.719	ng	
82) Chrysene	14.25	228	209655	7.954	ng	98
85) Indeno(1,2,3-cd)pyrene	17.41	276	64716	2.834	ng	# 87
87) Benzo(b)fluoranthene	15.32	252	158011m	7.934	ng	
88) Benzo(k)fluoranthene	15.34	252	51364m	2.806	ng	
89) Benzo(a)pyrene	15.72	252	159526	8.945	ng	97
91) Benzo(g,h,i)perylene	17.91	276	68872	4.740	ng	# 88

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

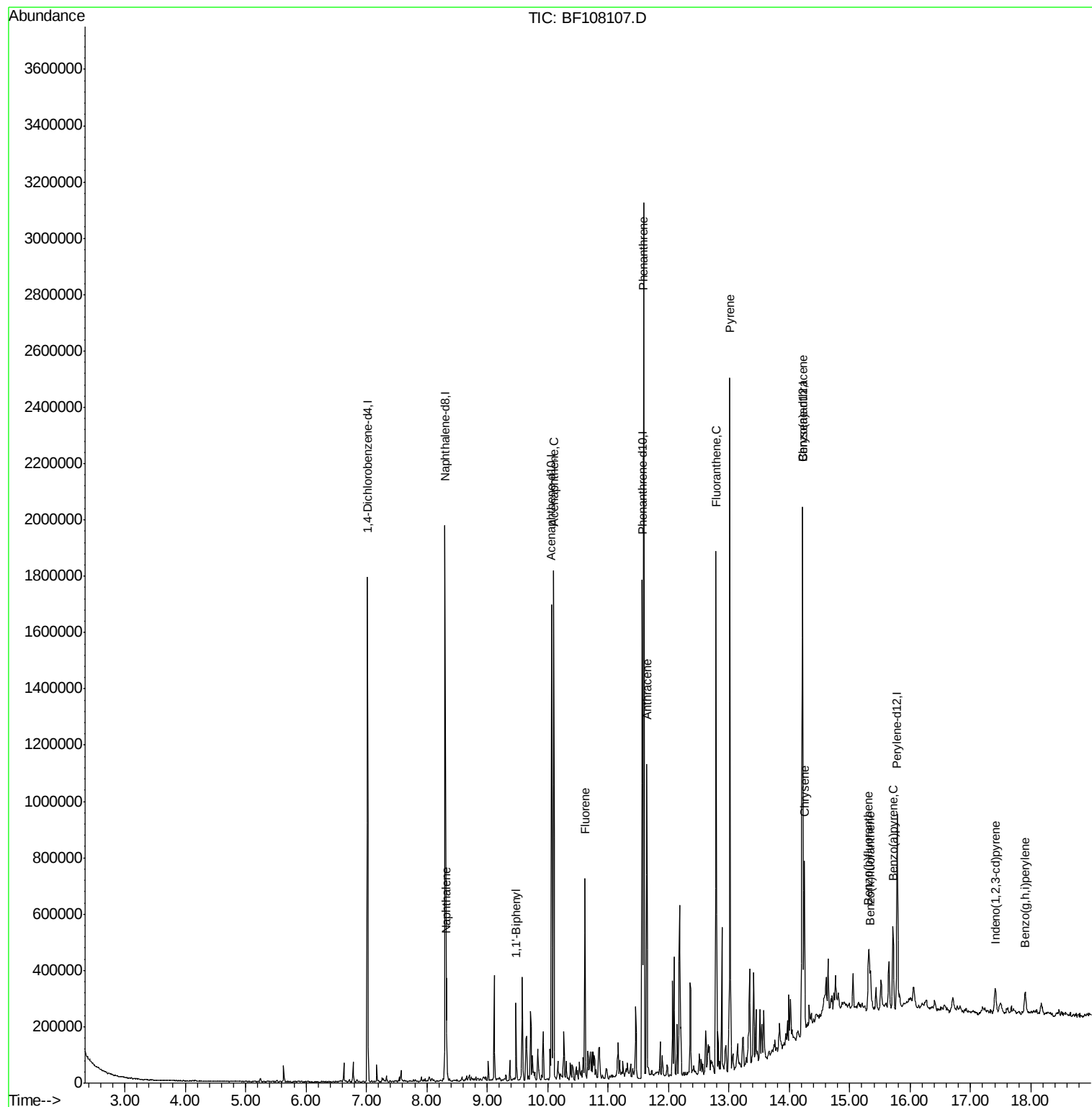
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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ALS Vial : 29 Sample Multiplier: 1

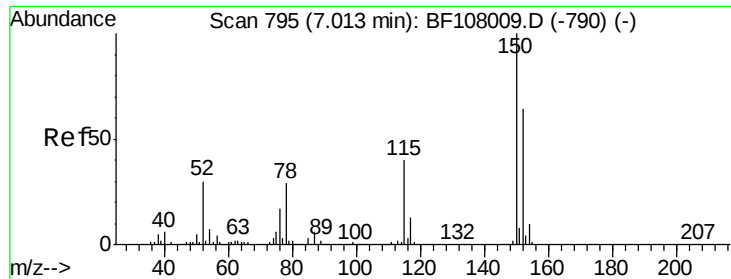
Instrument :
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#1

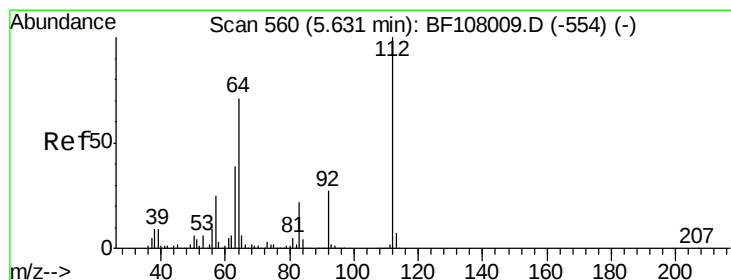
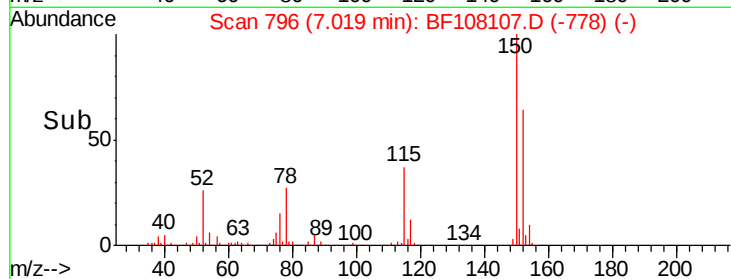
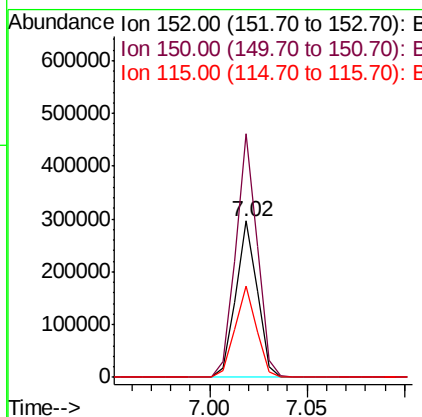
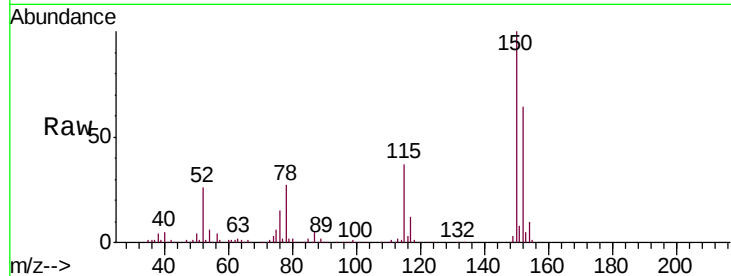
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	226320		
150	155.7	124.6	186.8	
115	58.1	50.1	75.1	

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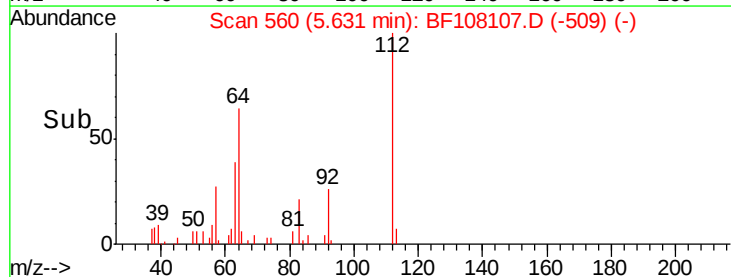
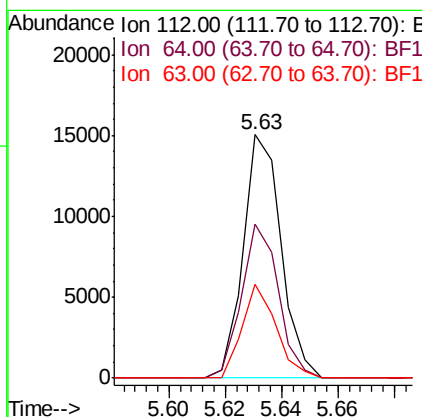
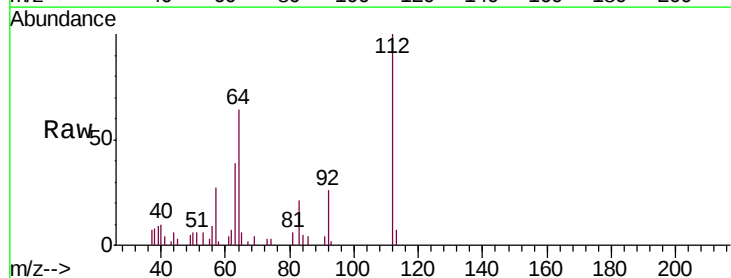
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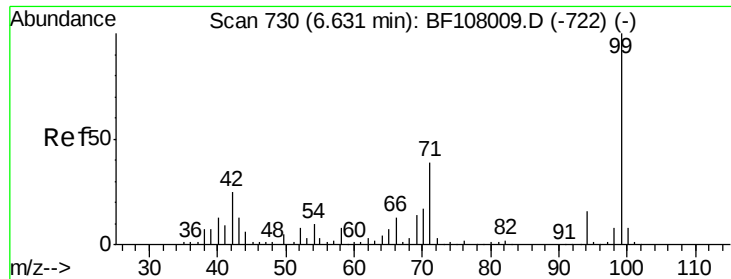


#5

2-Fluorophenol
Concen: 1.117 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	13964		
64	63.5	47.9	71.9	
63	38.7	23.7	35.5	





#7

Phenol-d6

Concen: 1.178 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Instrument :

BNA_F

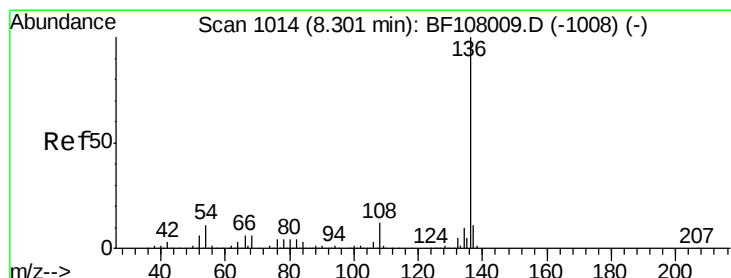
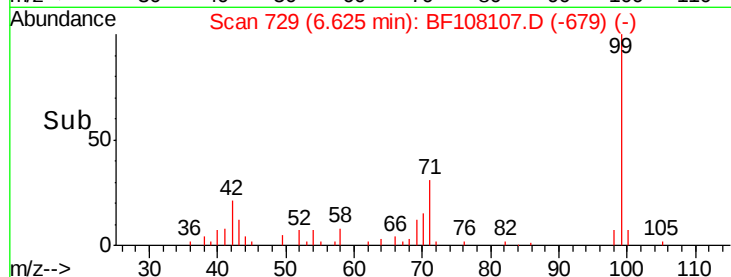
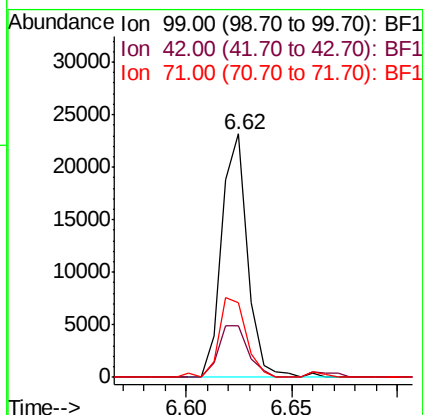
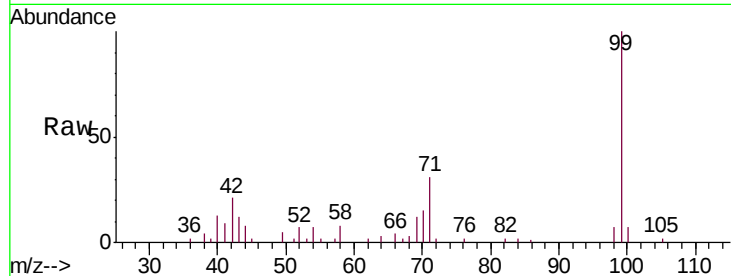
ClientSampleId :

2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	19564		
42	21.3	14.5	21.7	
71	30.7	25.4	38.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

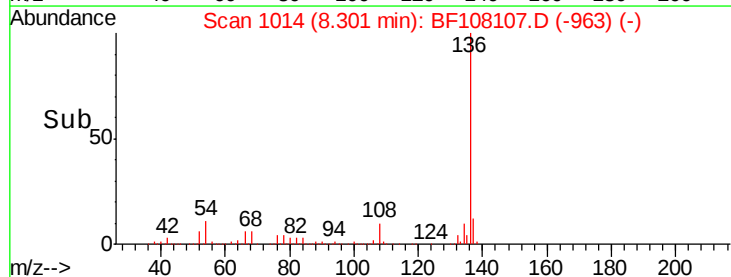
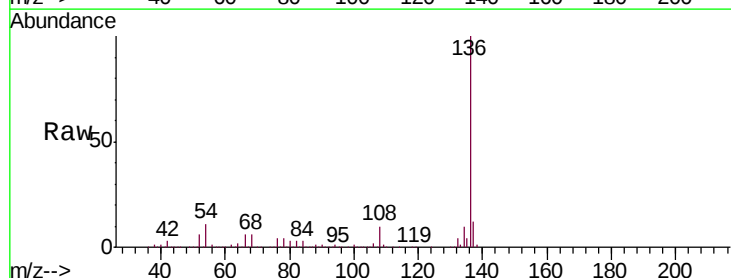
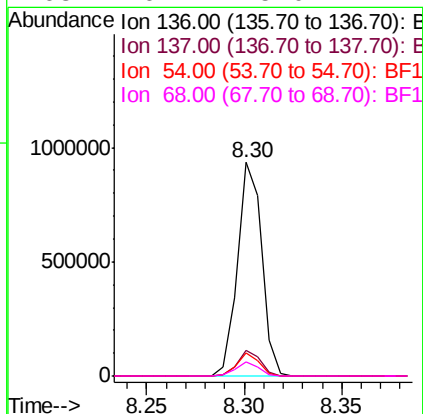
RT: 8.30 min Scan# 1014

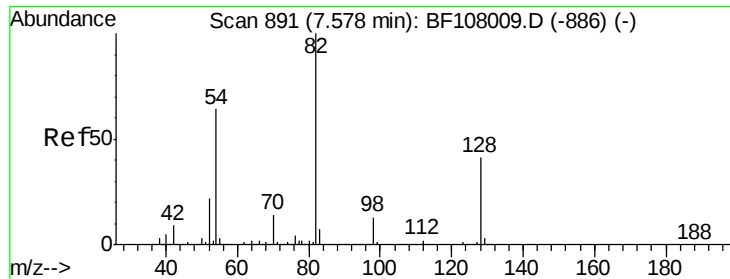
Delta R.T. -0.00 min

Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	805401		
137	11.7	8.9	13.3	
54	10.7	6.6	9.8	
68	6.4	5.0	7.4	





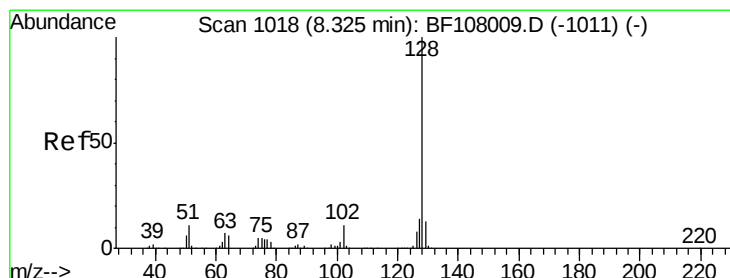
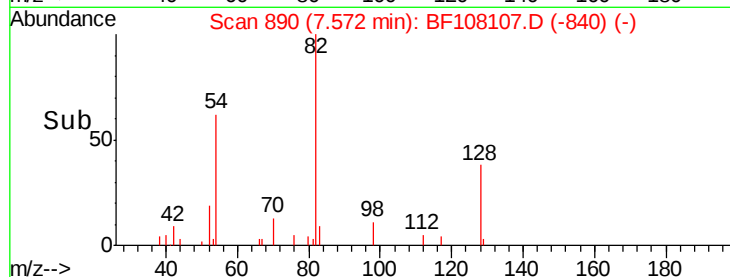
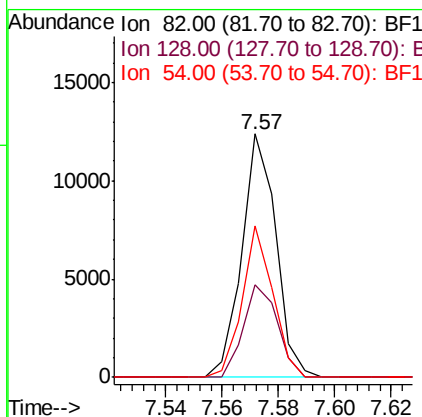
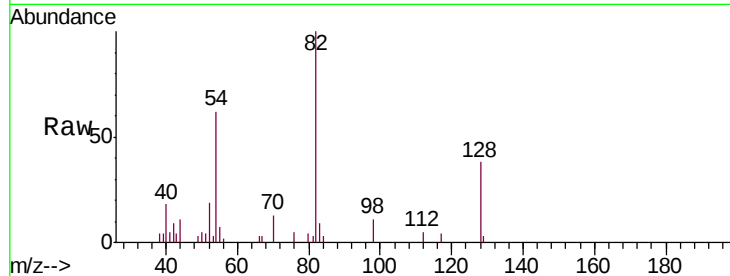
#23
 Nitrobenzene-d5
 Concen: 0.717 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.2	36.1	54.1
54	62.4	41.4	62.2#

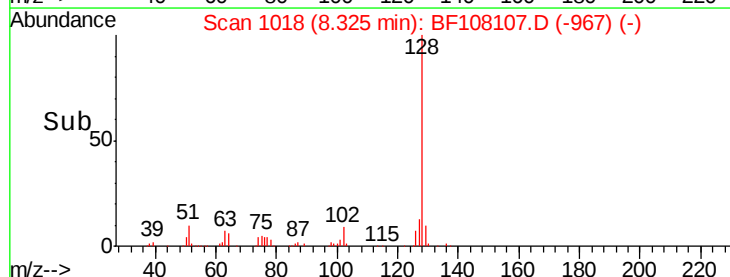
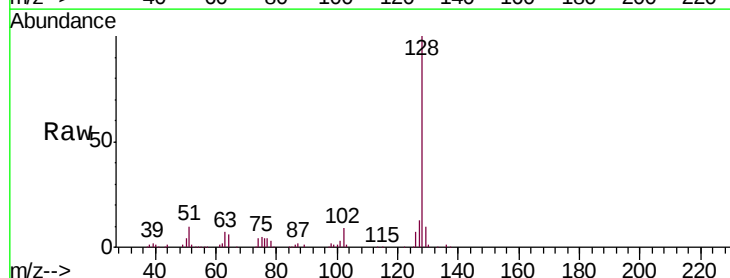
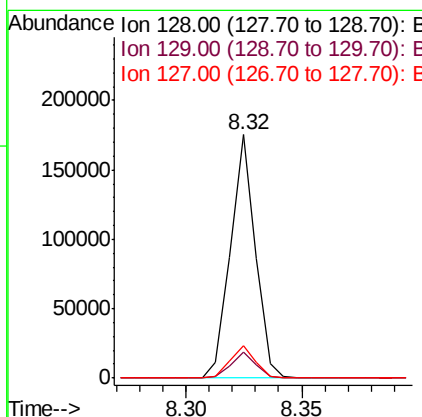
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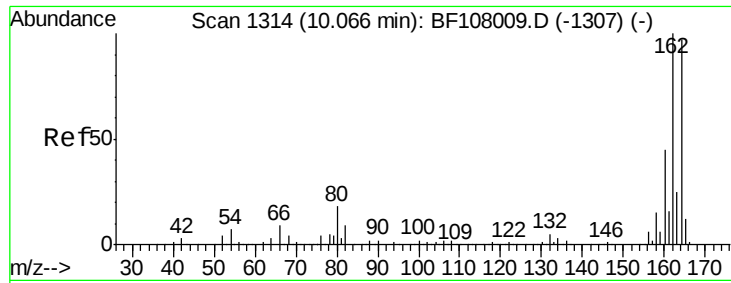
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#31
 Naphthalene
 Concen: 3.588 ng
 RT: 8.32 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF108107.D
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Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.2	10.9	16.3





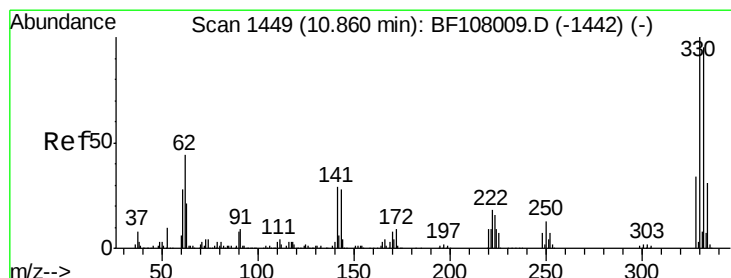
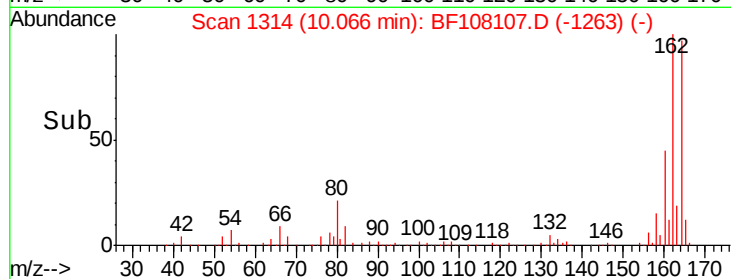
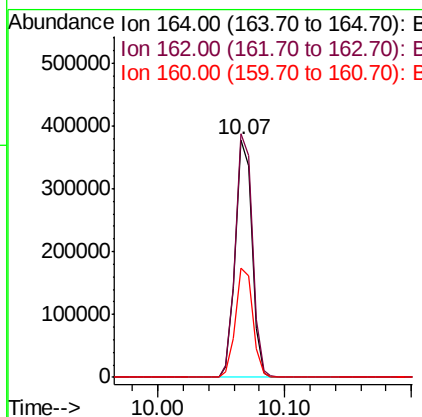
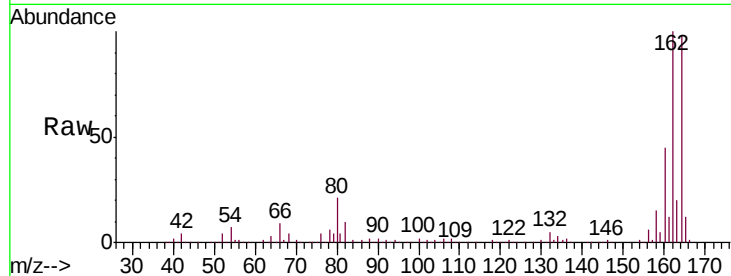
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	164	Resp:	340180
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5

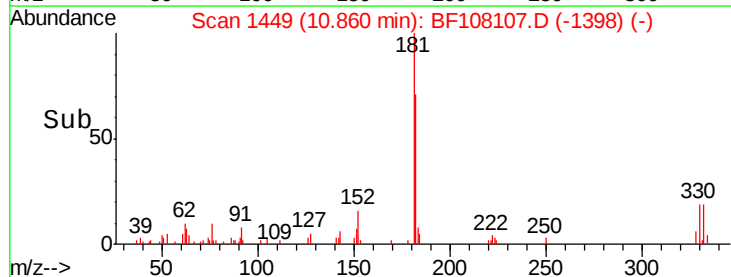
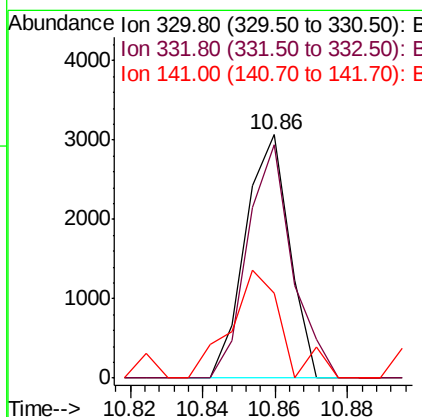
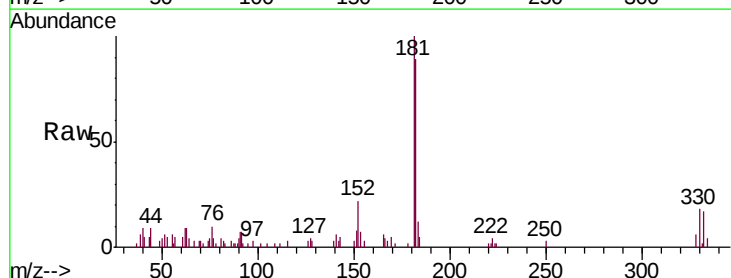
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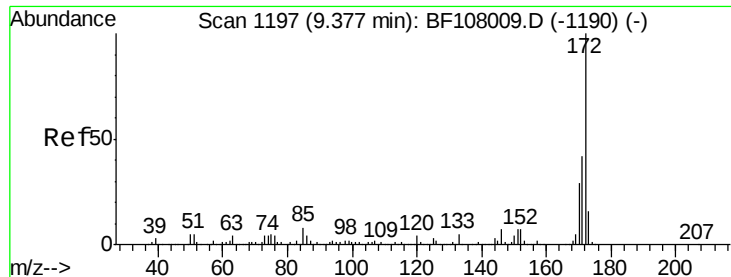
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#41
 2,4,6-Tribromophenol
 Concen: 0.770 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

Tgt Ion:	330	Resp:	2614
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.0	115.6
141	51.6	29.9	44.9#





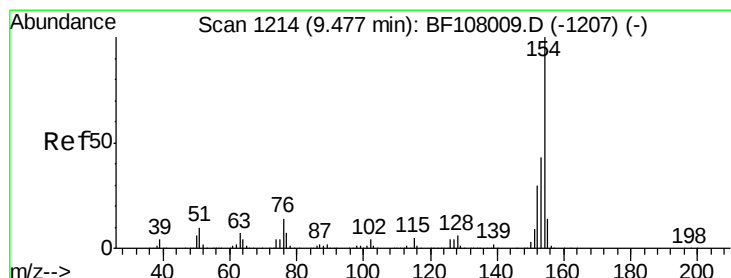
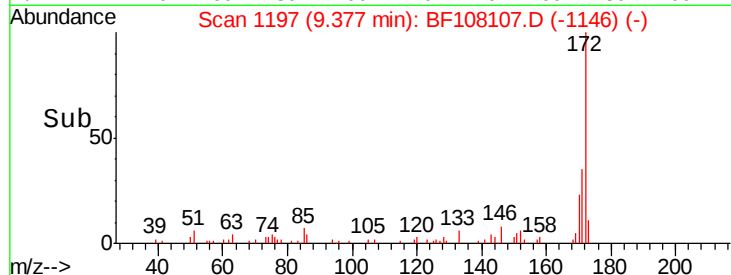
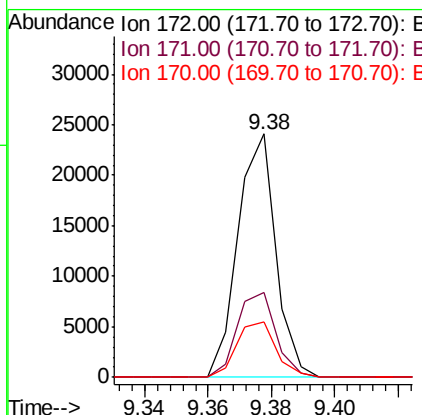
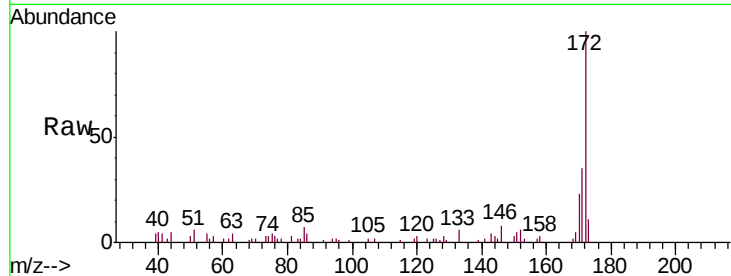
#44
 2-Fluorobiphenyl
 Concen: 0.937 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	19846		
171	34.7	29.7	44.5	
170	22.6	19.6	29.4	

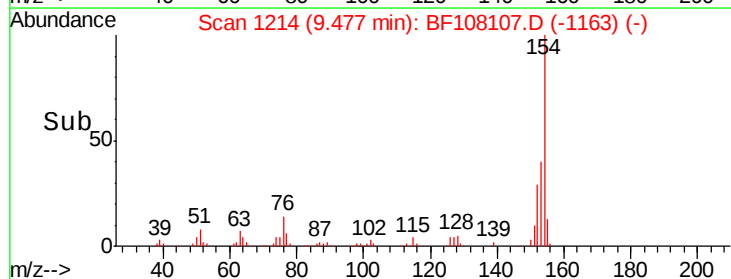
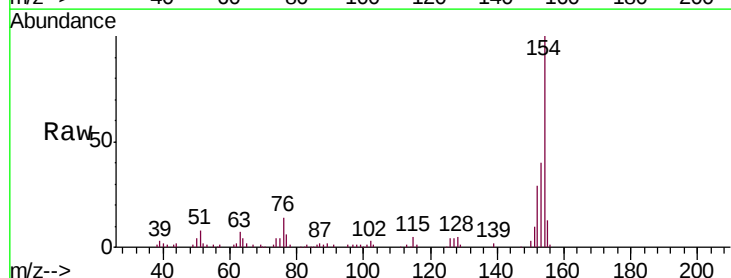
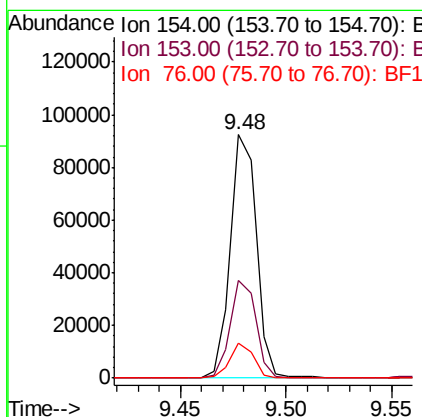
Manual Integrations
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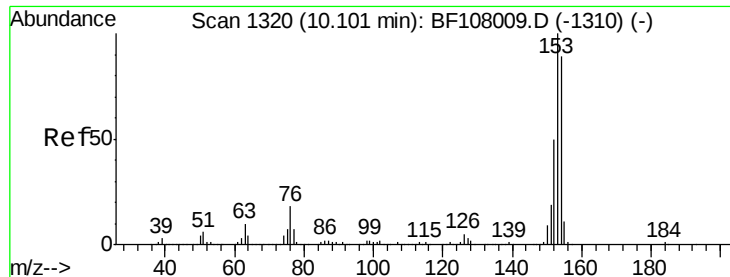
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#45
 1,1'-Biphenyl
 Concen: 3.135 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	78640		
153	40.4	21.3	61.3	
76	14.4	0.0	34.0	





#51

Acenaphthene

Concen: 17.169 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Instrument :

BNA_F

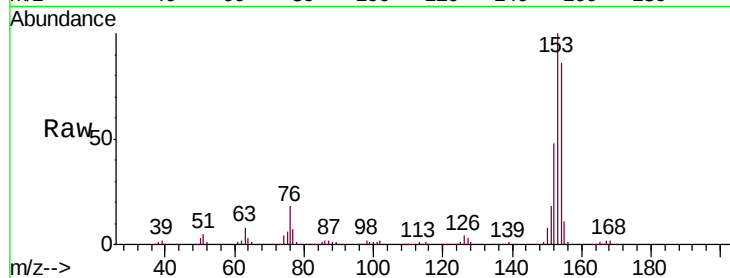
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2018-NYSEG-CLARK-AREA-9BDL

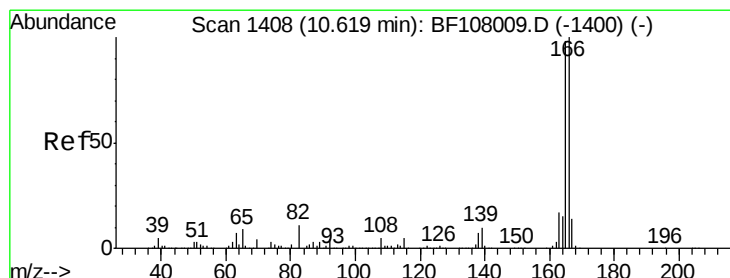
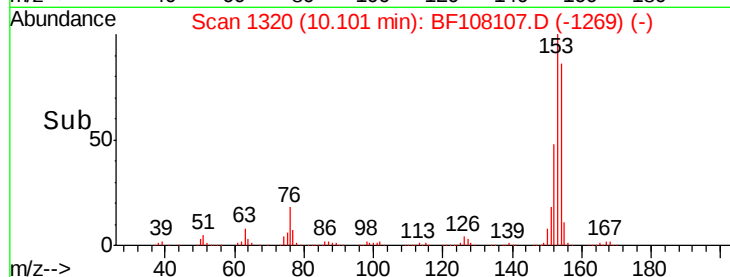
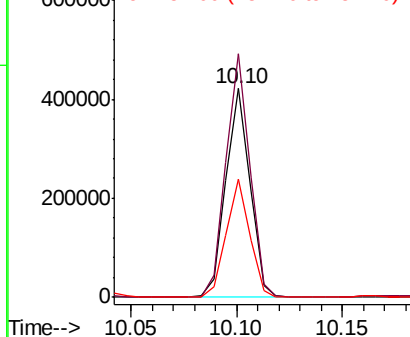
Tgt Ion:	154	Resp:	329568
Ion Ratio	Lower	Upper	
154	100		
153	116.8	91.2	136.8
152	56.6	43.8	65.8

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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



#57

Fluorene

Concen: 8.208 ng

RT: 10.62 min Scan# 1408

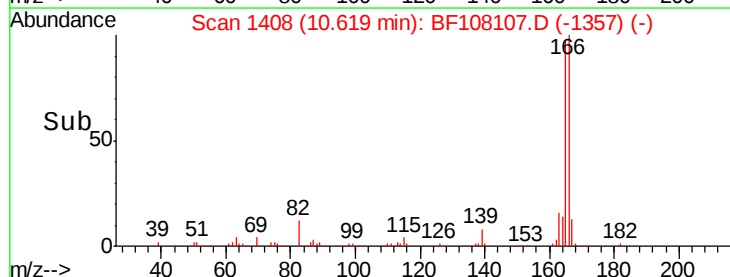
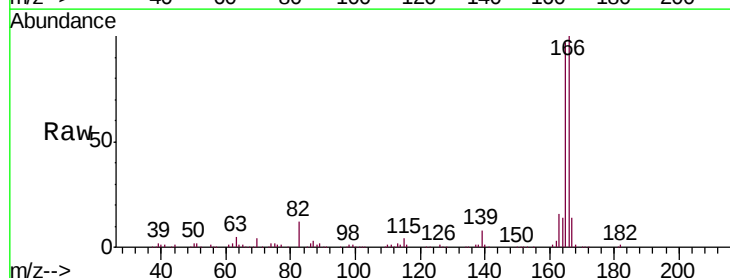
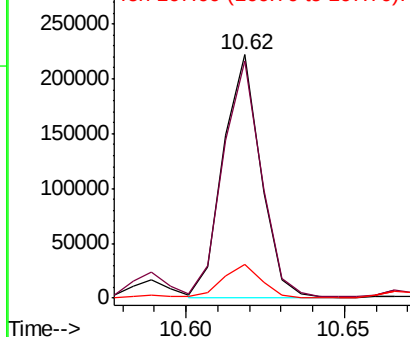
Delta R.T. -0.00 min

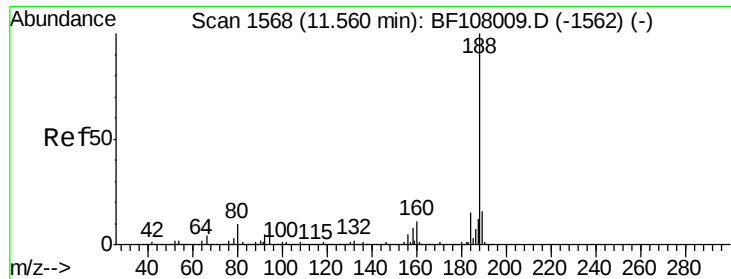
Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Tgt Ion:	166	Resp:	180691
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.8
167	13.8	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





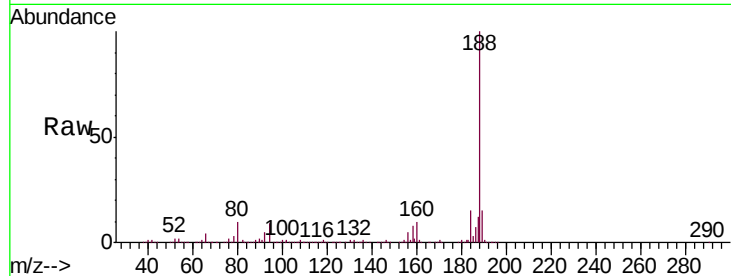
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
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2018-NYSEG-CLARK-AREA-9BDL

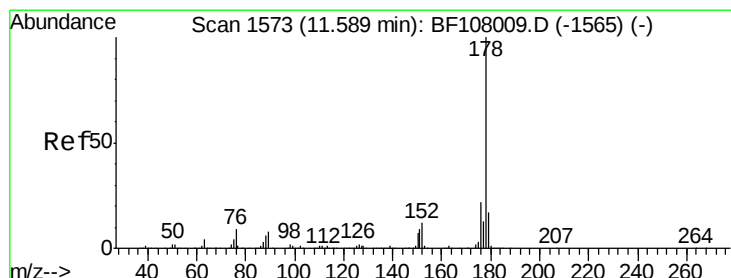
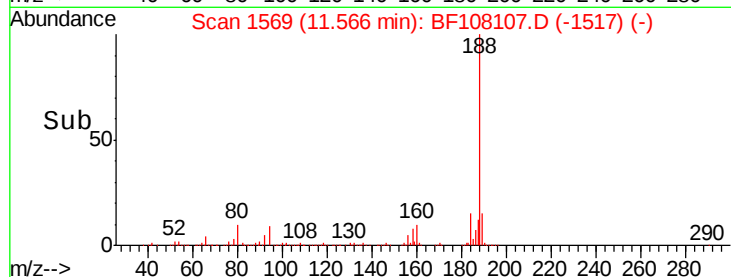
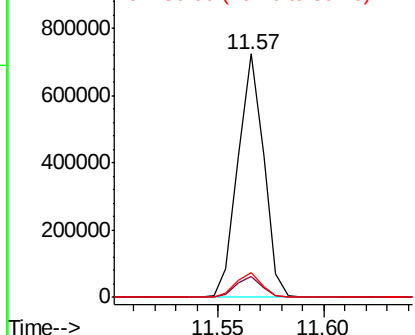
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	610943		
94	8.8		8.5	12.7
80	10.2		9.2	13.8

Manual Integrations
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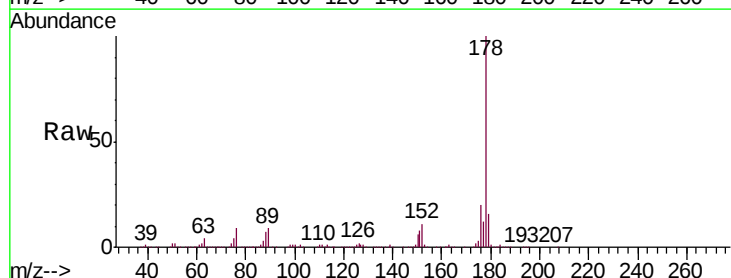


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

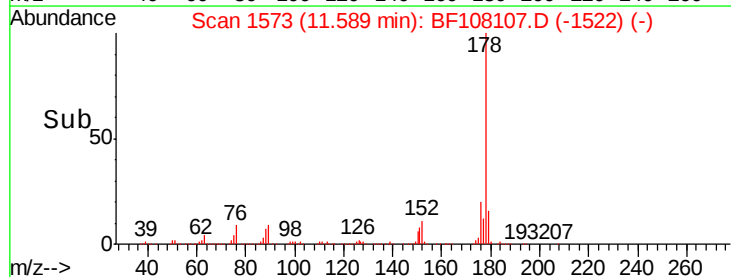
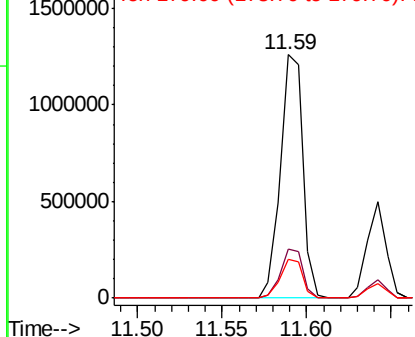


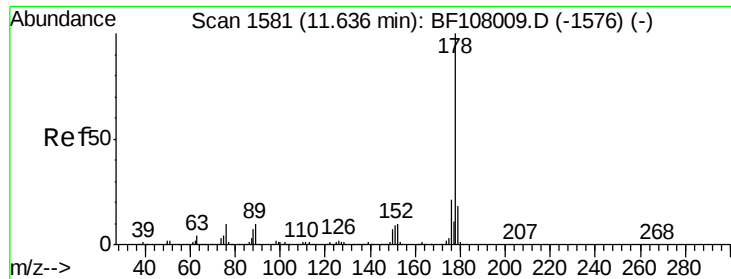
#70
Phenanthrene
Concen: 40.579 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1169324		
176	20.2		15.8	23.8
179	16.0		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





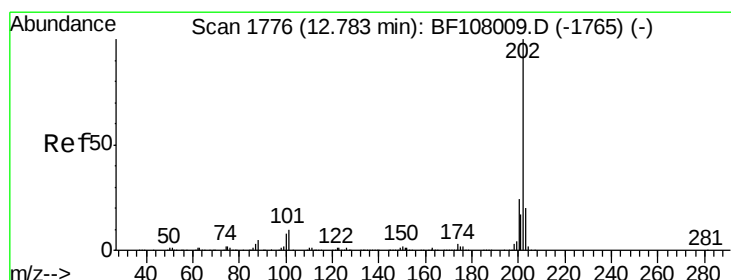
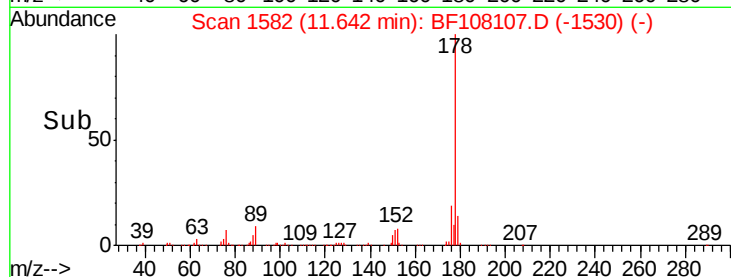
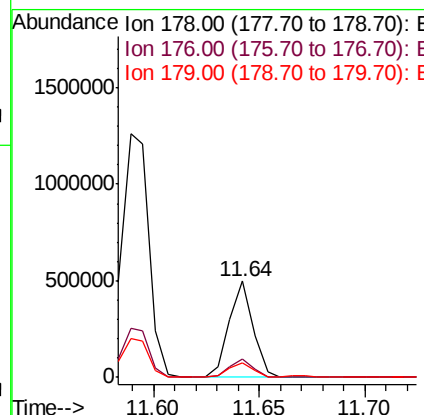
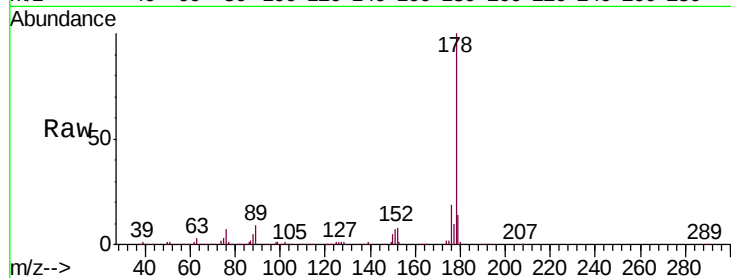
#71
 Anthracene
 Concen: 13.130 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.5	12.6	19.0

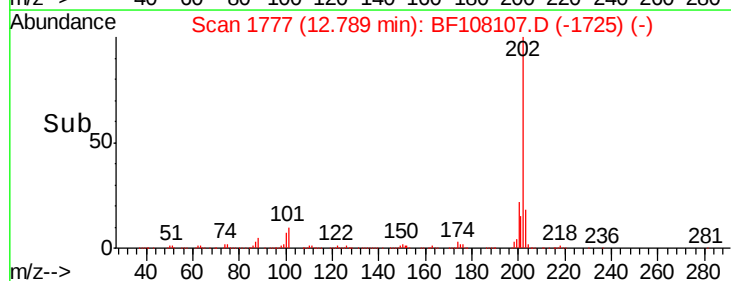
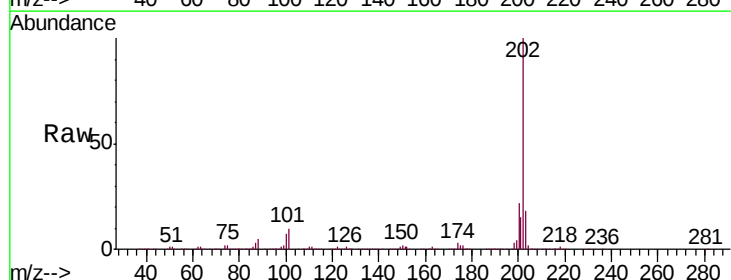
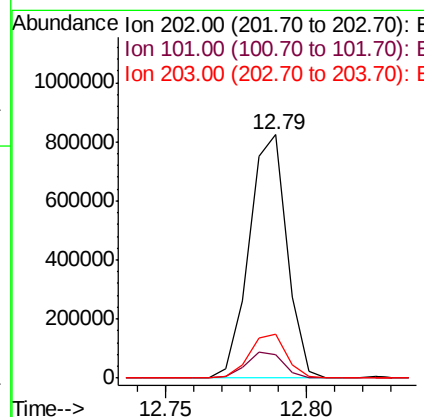
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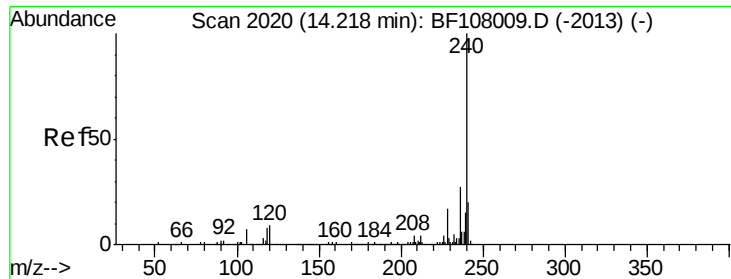
Sohil
 8/13/2018 3:52:41 PM



#74
 Fluoranthene
 Concen: 24.294 ng
 RT: 12.79 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Instrument :

BNA_F

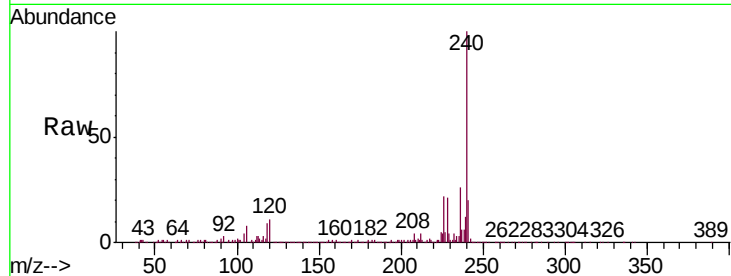
ClientSampleId :

2018-NYSEG-CLARK-AREA-9BDL

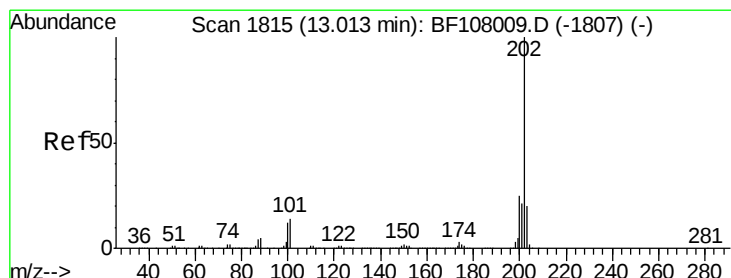
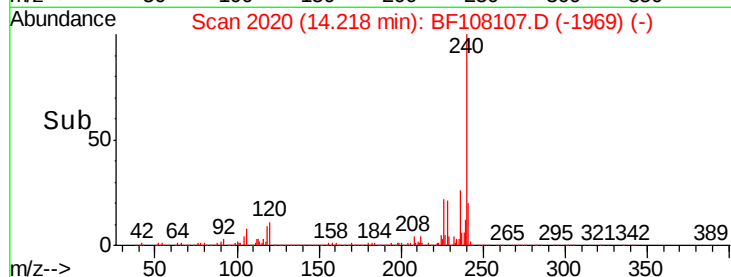
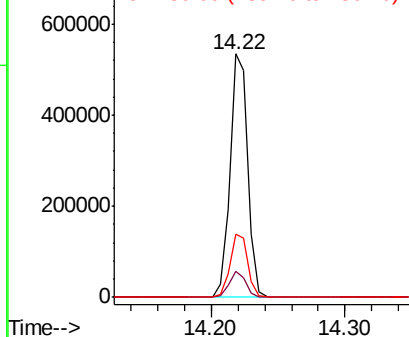
Tgt Ion:	240	Resp:	500955
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.9	20.7	31.1

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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: 30.177 ng

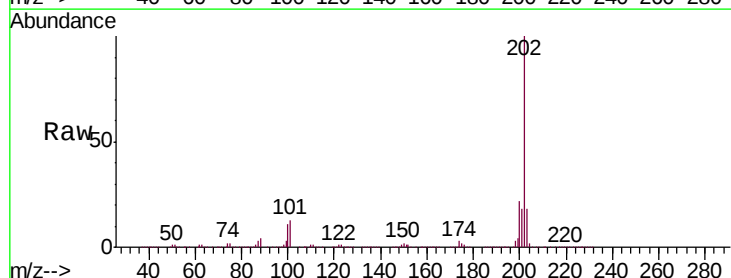
RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

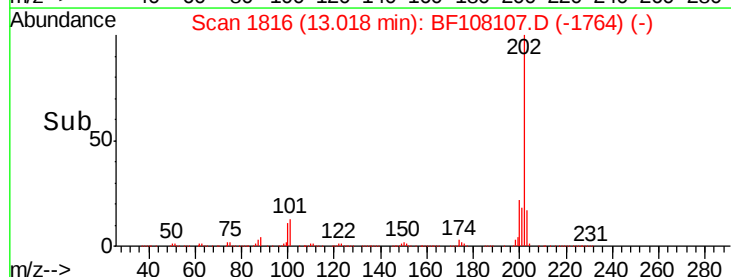
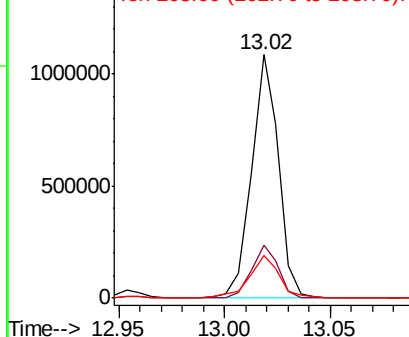
Lab File: BF108107.D

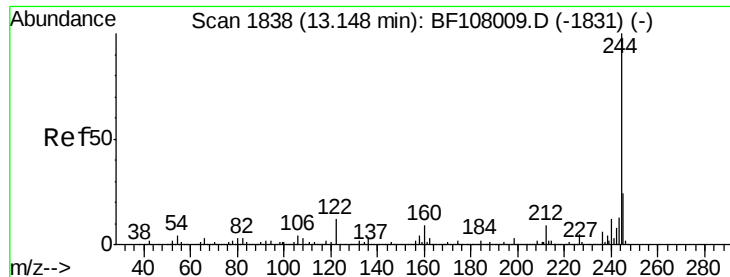
Acq: 11 Aug 2018 2:31

Tgt Ion:	202	Resp:	957082
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.5	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: 1.059 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108107.D

Acq: 11 Aug 2018 2:31

Instrument :

BNA_F

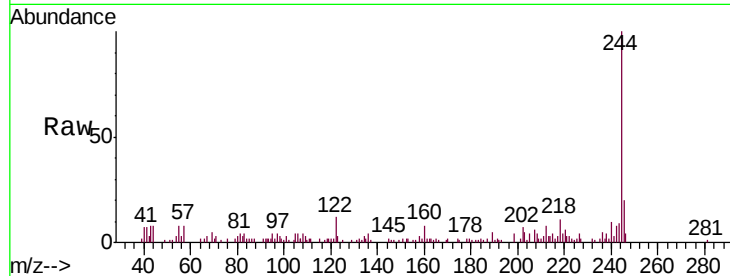
ClientSampleId :

2018-NYSEG-CLARK-AREA-9BDL

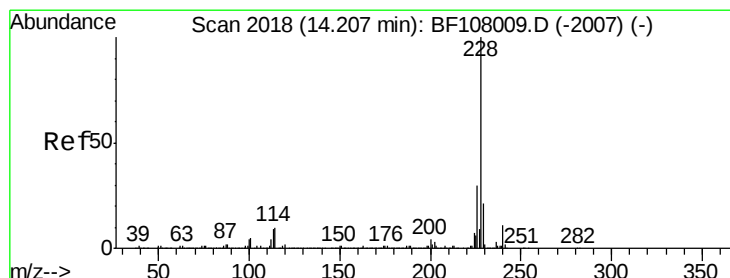
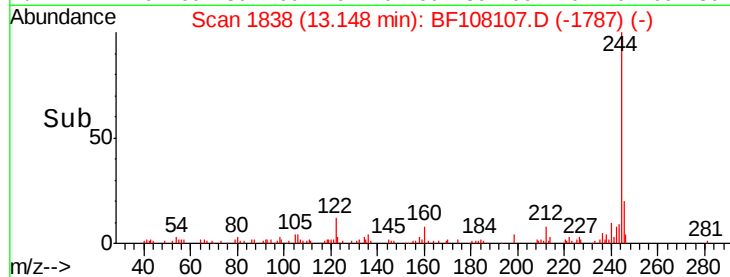
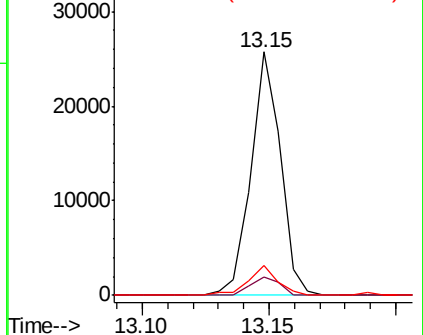
Tgt Ion:	244	Resp:	20857
Ion Ratio		Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.5	11.0	16.4

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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: 9.719 ng m

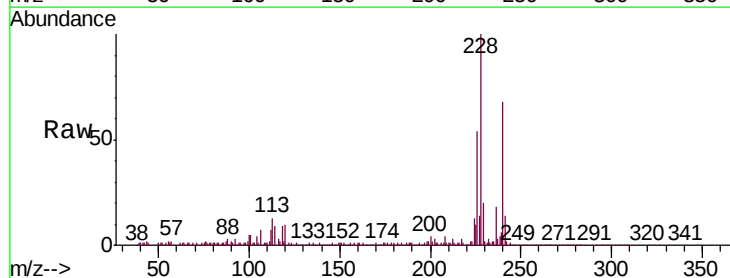
RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

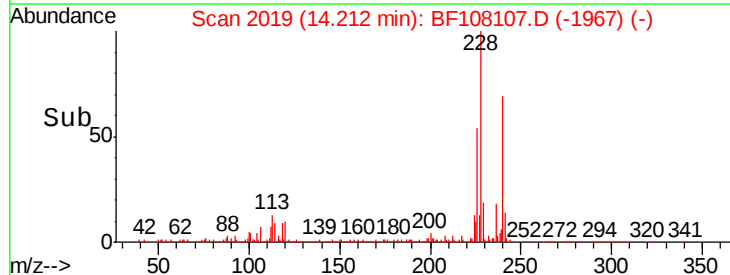
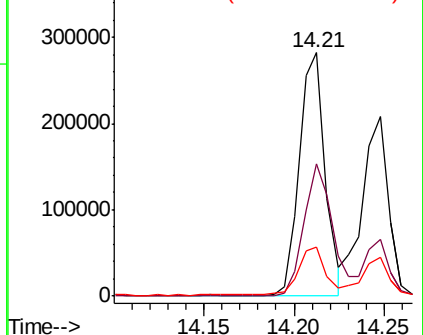
Lab File: BF108107.D

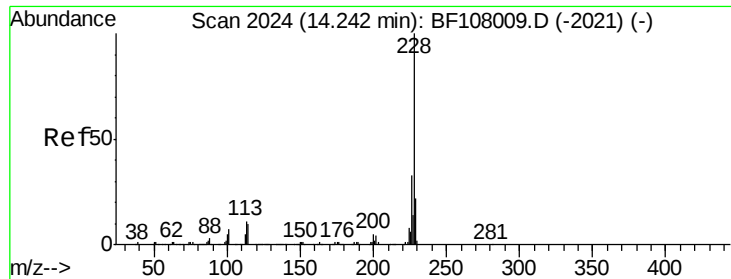
Acq: 11 Aug 2018 2:31

Tgt Ion:	228	Resp:	279410
Ion Ratio		Lower	Upper
228	100		
226	54.3	22.6	33.8#
229	20.1	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





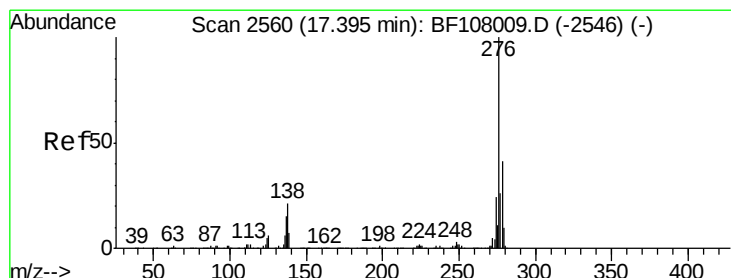
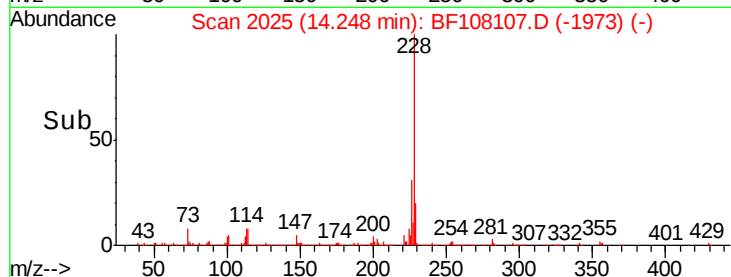
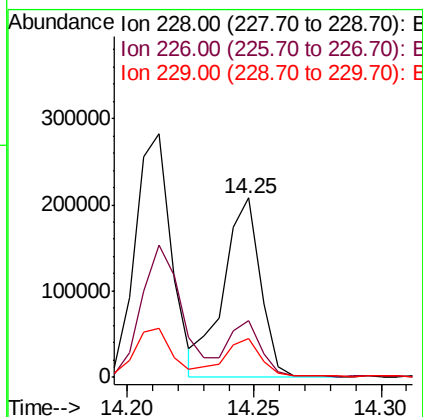
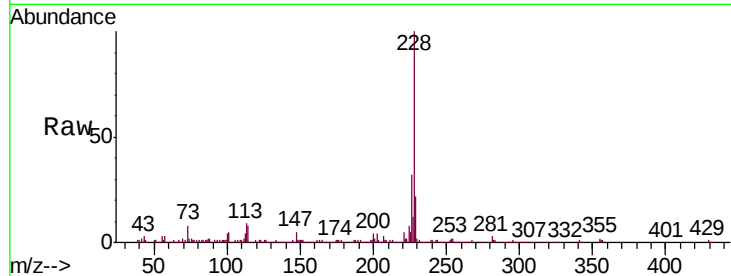
#82
Chrysene
Concen: 7.954 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	209655		
226	31.6	25.0	37.6	
229	21.7	16.2	24.4	

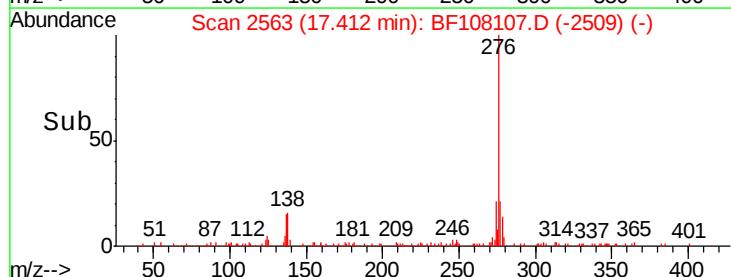
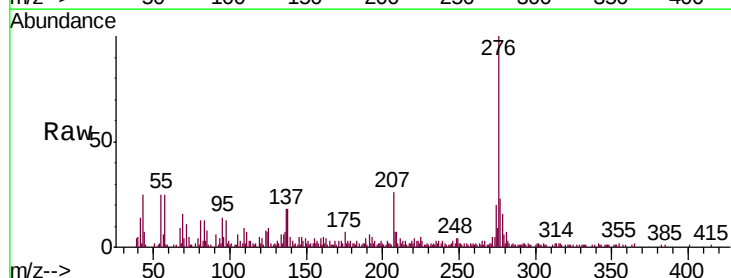
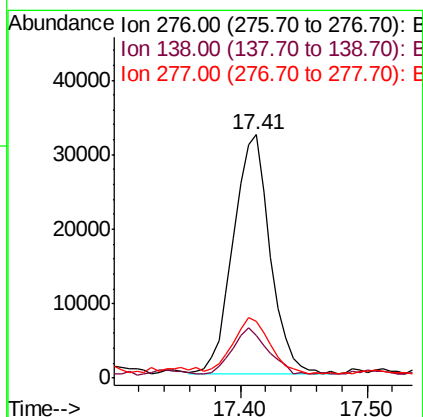
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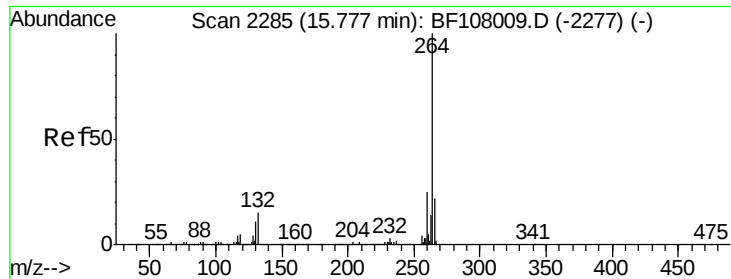
Sohil
8/13/2018 3:52:41 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.834 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	64716		
138	18.7	25.0	37.6#	
277	24.2	20.1	30.1	





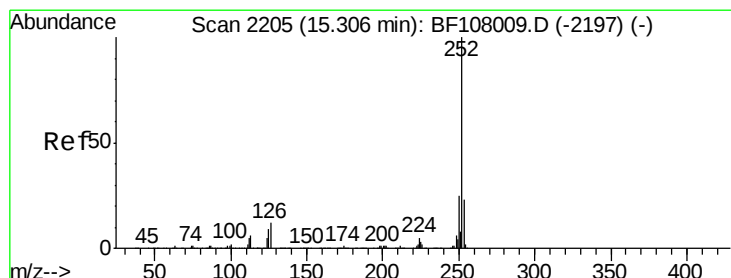
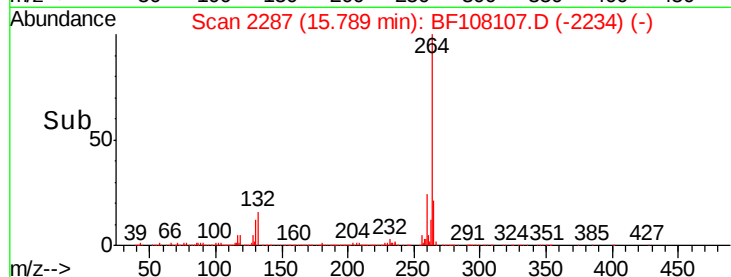
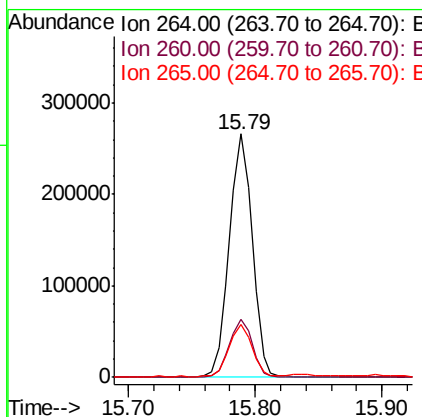
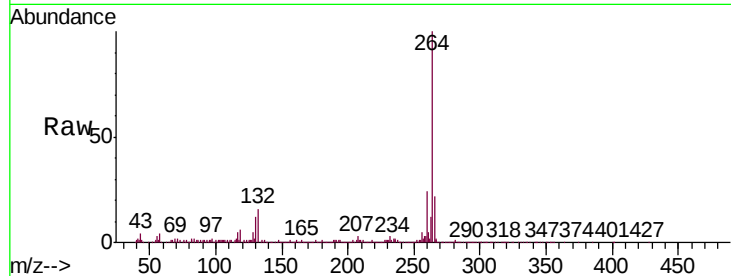
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

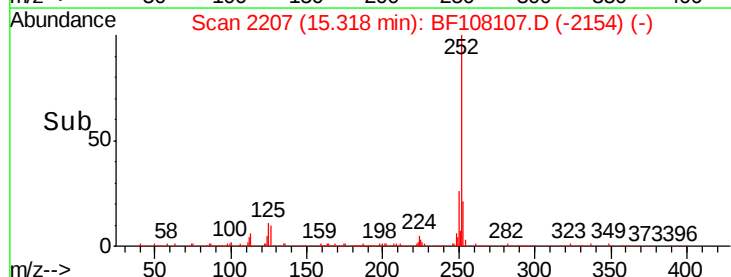
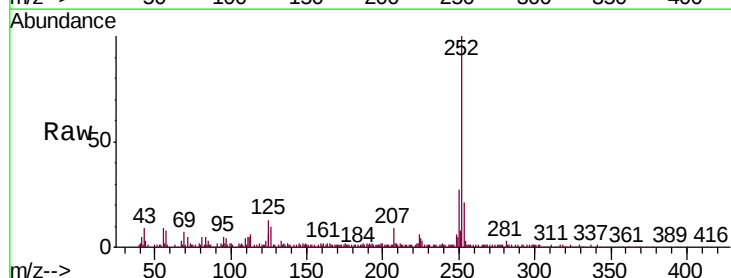
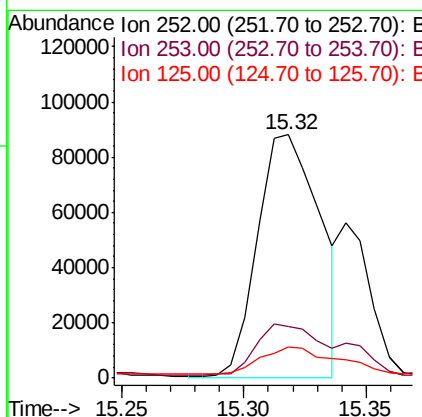
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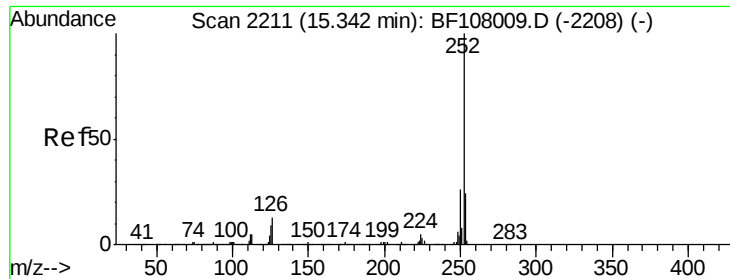
Sohil
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#87
Benzo(b)fluoranthene
Concen: 7.934 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.9	9.0	13.6





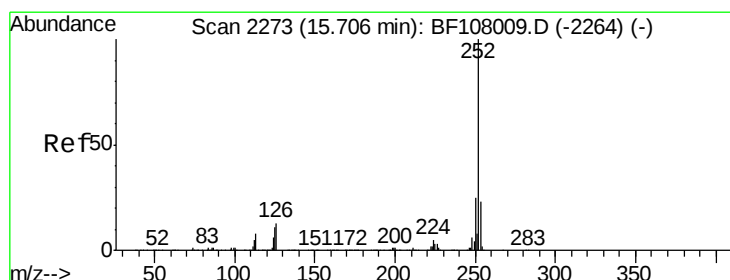
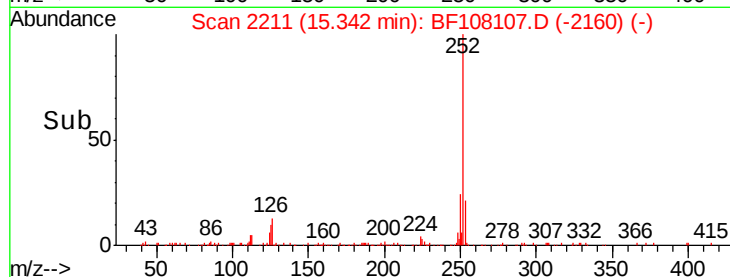
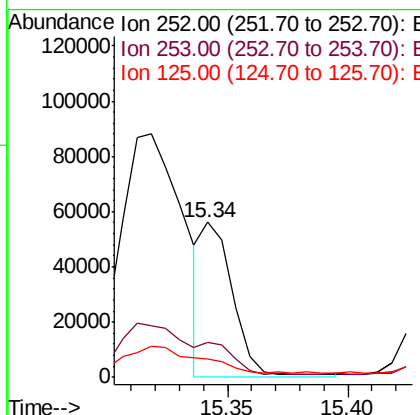
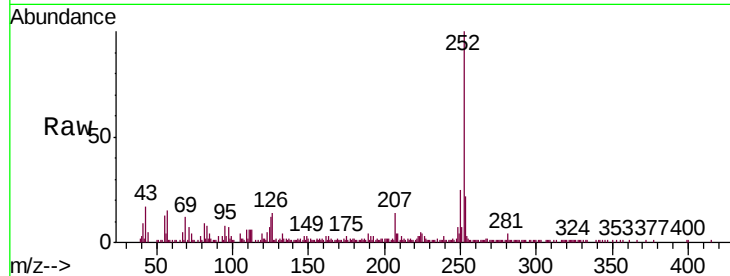
#88
Benzo(k)fluoranthene
Concen: 2.806 ng m
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.2	10.2	15.2

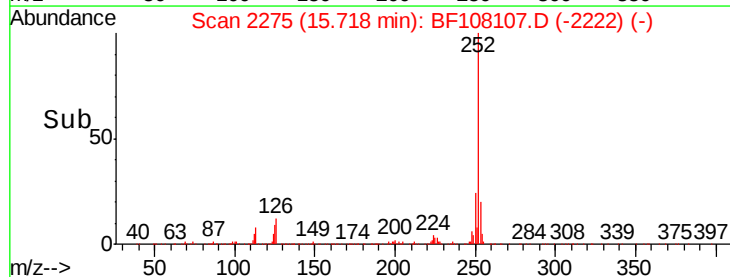
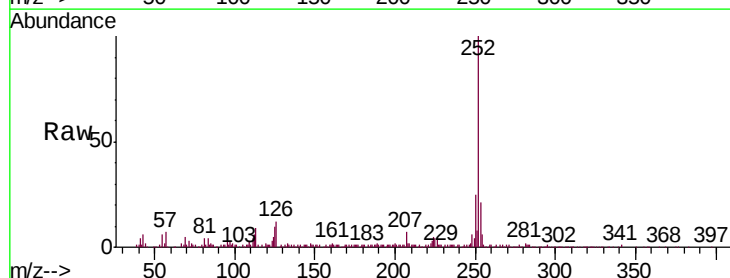
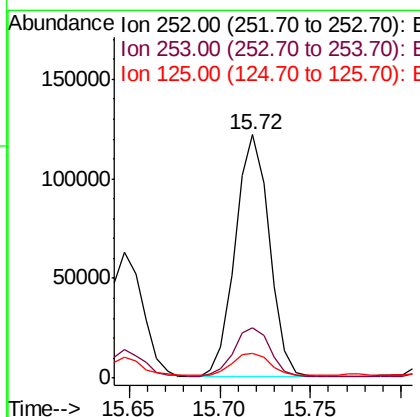
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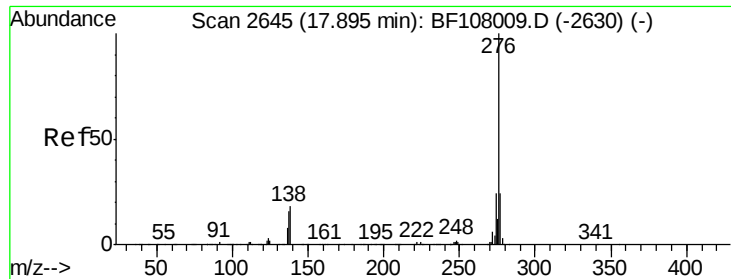
Sohil
8/13/2018 3:52:41 PM



#89
Benzo(a)pyrene
Concen: 8.945 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	10.4	9.8	14.6





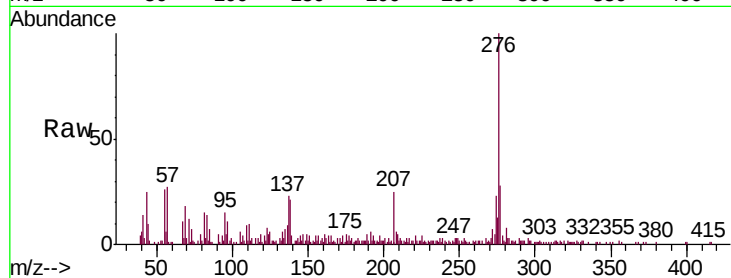
#91
 Benzo(g,h,i)perylene
 Concen: 4.740 ng
 RT: 17.91 min Scan# 2647
 Delta R.T. 0.01 min
 Lab File: BF108107.D
 Acq: 11 Aug 2018 2:31

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	21.1	21.8	32.8#

Manual Integrations
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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

