

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108085.D
 Acq On : 10 Aug 2018 15:49
 Operator : JU/SJ
 Sample : J4409-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/13/2018 3:51:54 PM

Quant Time: Aug 10 17:33:26 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	256486	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	947994	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	438790	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	755068	20.00	ng	0.00
75) Chrysene-d12	14.22	240	629233	20.00	ng	0.00
86) Perylene-d12	15.79	264	662469	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	357198	25.21	ng	0.00
7) Phenol-d6	6.62	99	477016	25.34	ng	-0.01
23) Nitrobenzene-d5	7.57	82	299689	17.64	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	91755	20.96	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	498449	18.24	ng	0.00
78) Terphenyl-d14	13.15	244	435040	17.58	ng	0.00
Target Compounds						
48) Acenaphthylene	9.92	152	99457	2.460	ng	99
49) Dimethylphthalate	9.77	163	79316	2.595	ng	# 98
51) Acenaphthene	10.10	154	93180	3.763	ng	98
57) Fluorene	10.61	166	76982	2.711	ng	97
70) Phenanthrene	11.59	178	848590	23.828	ng	98
71) Anthracene	11.64	178	456089	12.495	ng	99
74) Fluoranthene	12.79	202	1385631	35.649	ng	95
77) Pyrene	13.02	202	1629455	40.903	ng	97
80) Benzo(a)anthracene	14.21	228	946521m	26.211	ng	
82) Chrysene	14.25	228	776177	23.445	ng	99
85) Indeno(1,2,3-cd)pyrene	17.41	276	336994m	11.748	ng	
87) Benzo(b)fluoranthene	15.32	252	929578m	23.483	ng	
88) Benzo(k)fluoranthene	15.34	252	276857m	7.608	ng	
89) Benzo(a)pyrene	15.72	252	861864	24.314	ng	97
90) Dibenzo(a,h)anthracene	17.41	278	88161	3.006	ng	93
91) Benzo(g,h,i)perylene	17.90	276	307166m	10.636	ng	

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

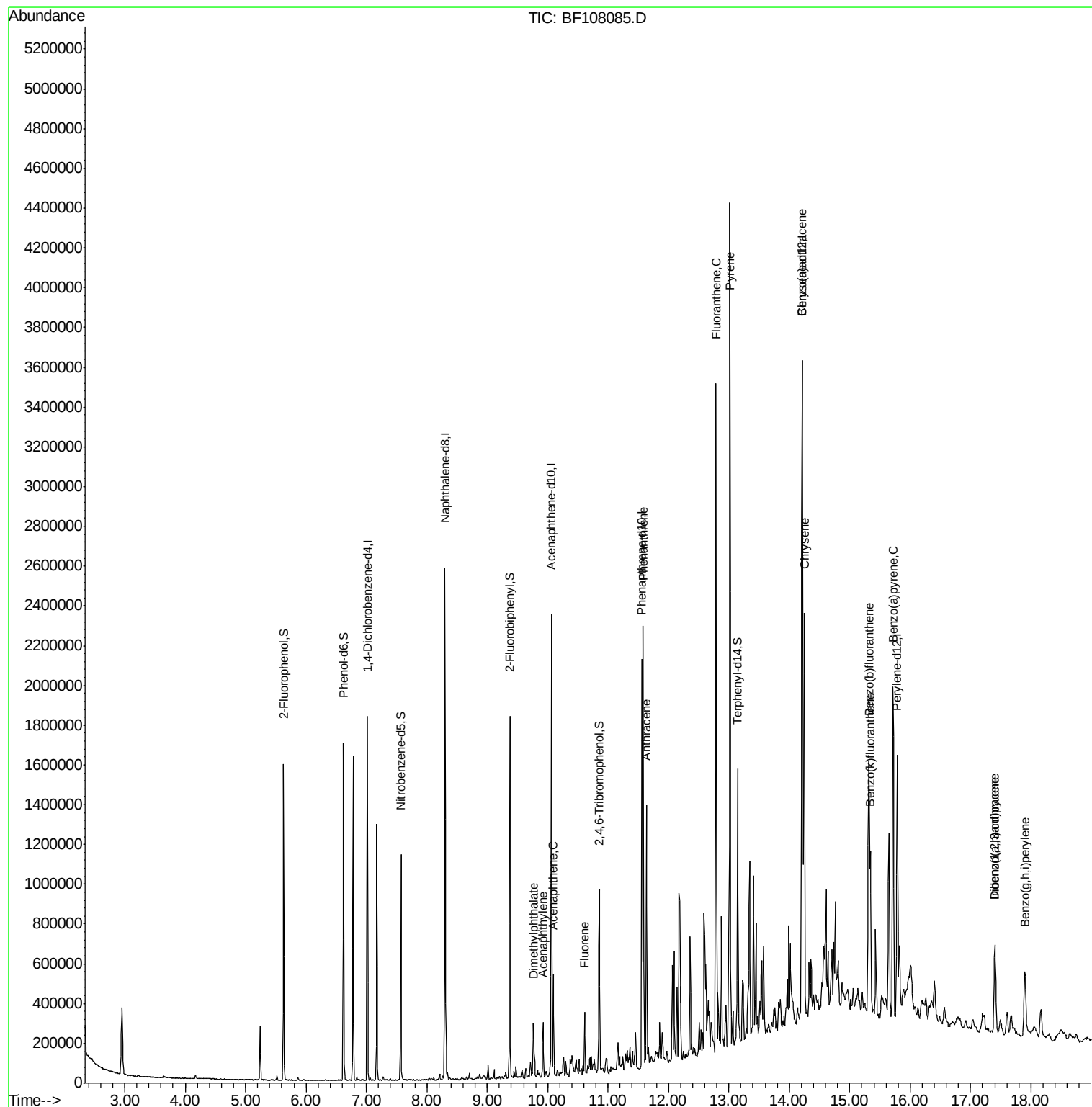
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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#1

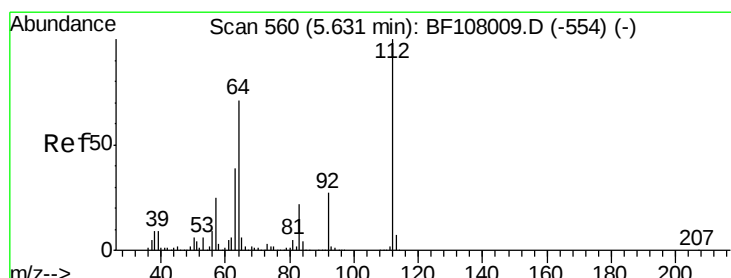
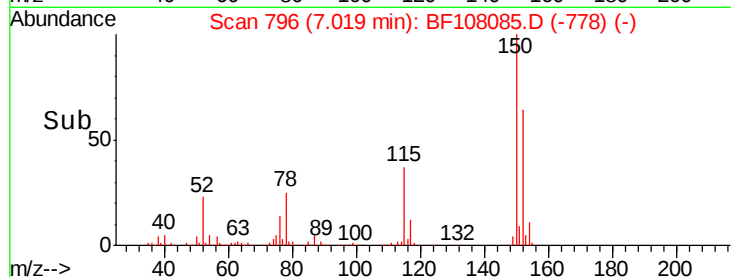
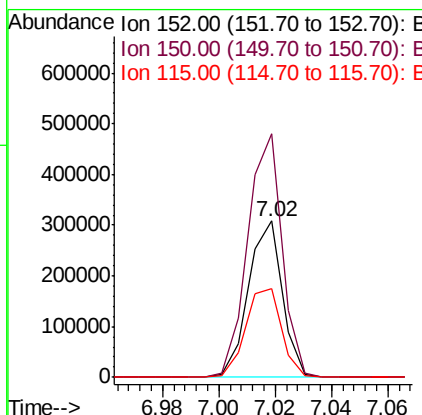
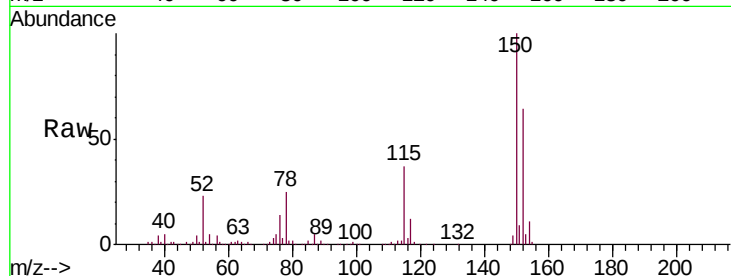
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	256486		
150	155.9	124.6	186.8	
115	57.1	50.1	75.1	

Manual Integrations
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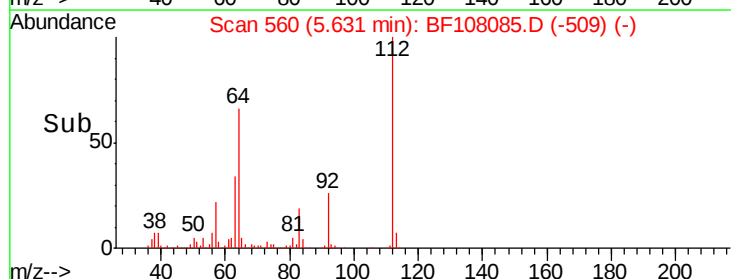
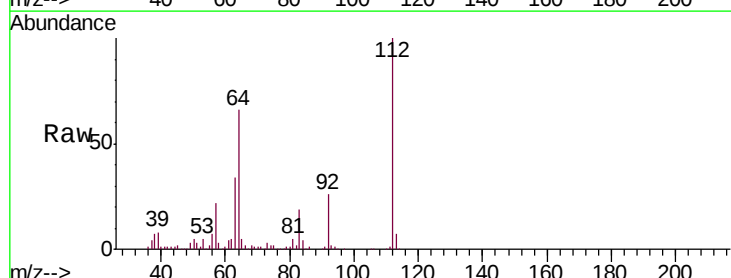
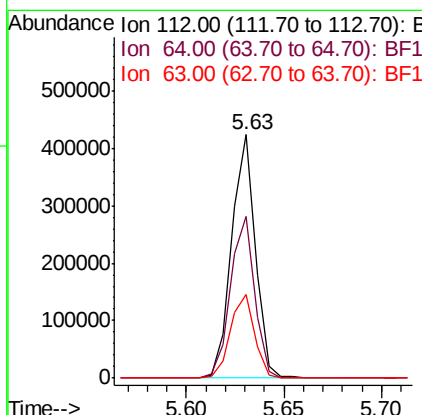
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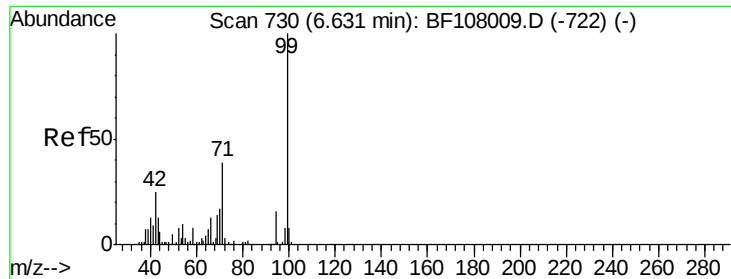


#5

2-Fluorophenol
Concen: 25.213 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	357198		
64	66.4	47.9	71.9	
63	34.2	23.7	35.5	





#7

Phenol-d6

Concen: 25.338 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

Tgt Ion: 99 Resp: 477016

Ion Ratio Lower Upper

99 100

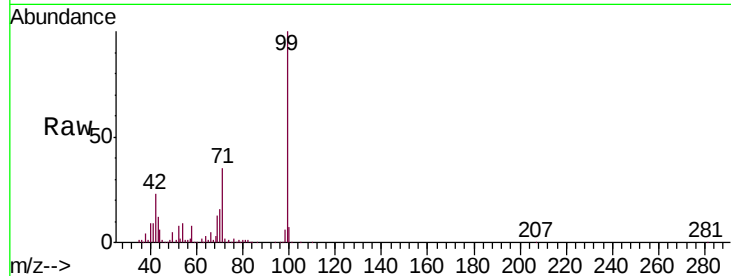
42 23.0 14.5 21.7#

71 34.8 25.4 38.0

Manual Integrations
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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

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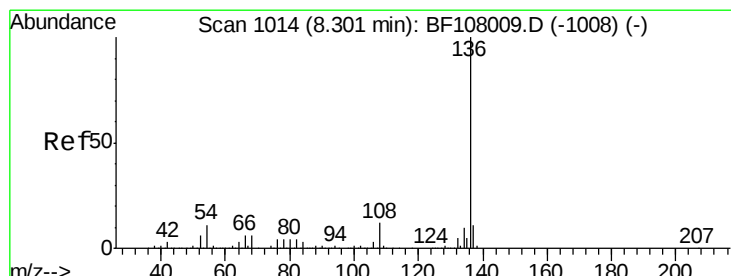
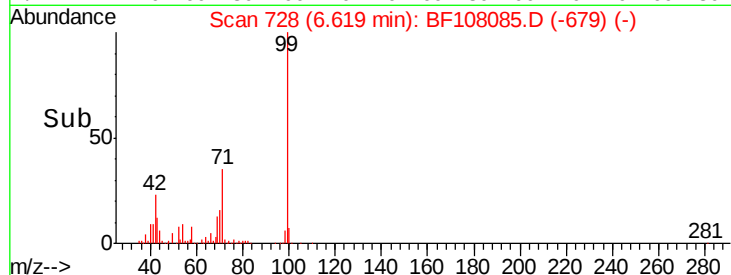
6.62

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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: BF108085.D

Acq: 10 Aug 2018 15:49

Tgt Ion: 136 Resp: 947994

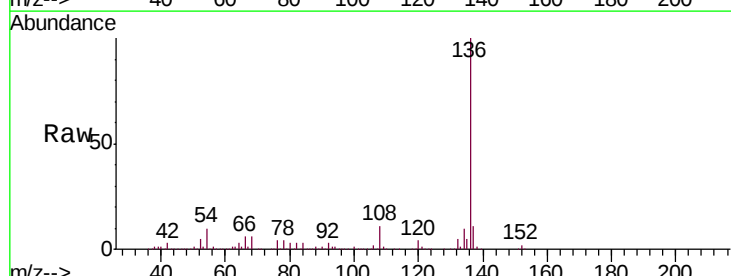
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.8 6.6 9.8#

68 6.3 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

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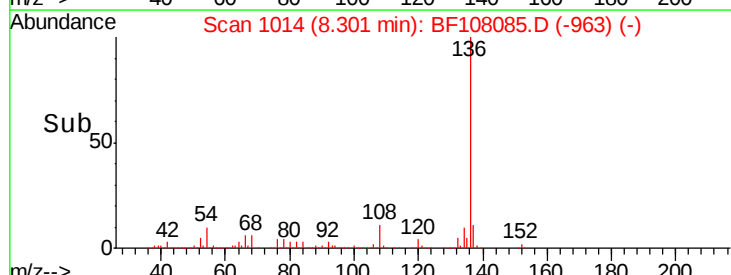
8.30

8.30

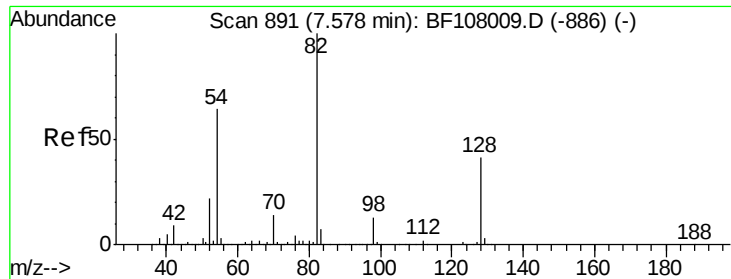
8.30

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Time-->



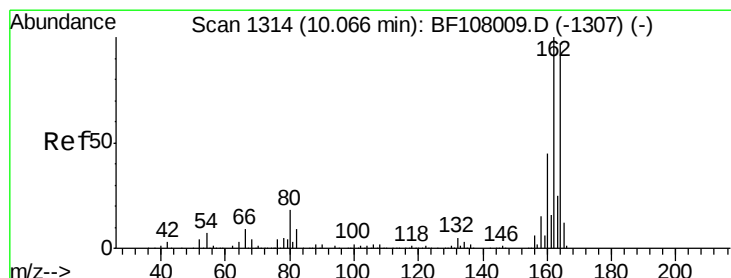
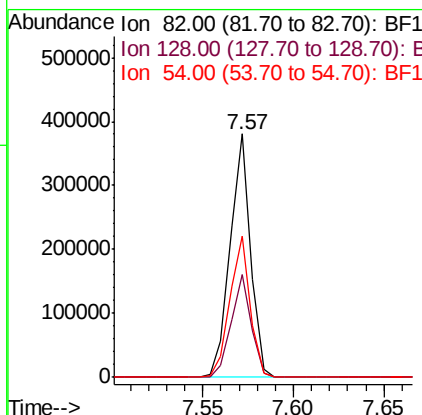
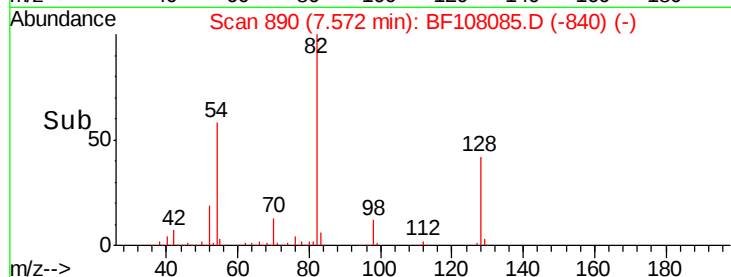
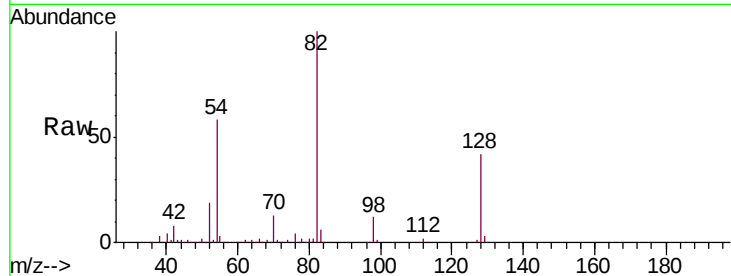
#23
 Nitrobenzene-d5
 Concen: 17.640 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	299689		
128	42.3	36.1	54.1	
54	57.8	41.4	62.2	

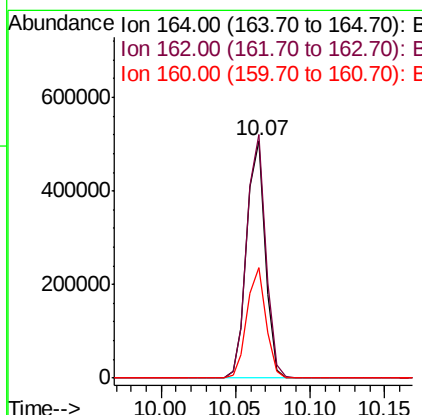
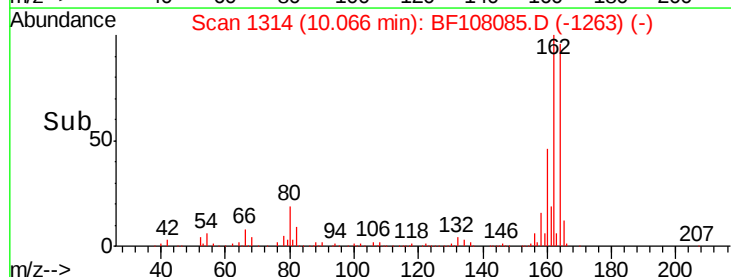
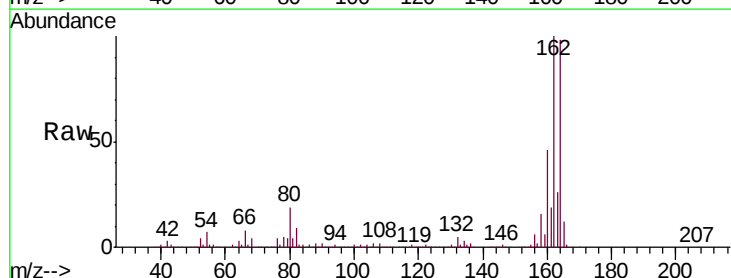
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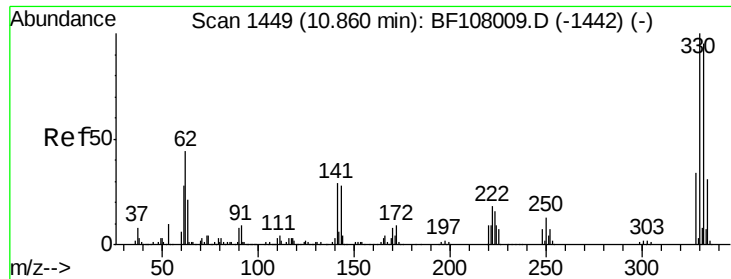
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	438790		
162	102.4	86.1	129.1	
160	46.6	38.3	57.5	





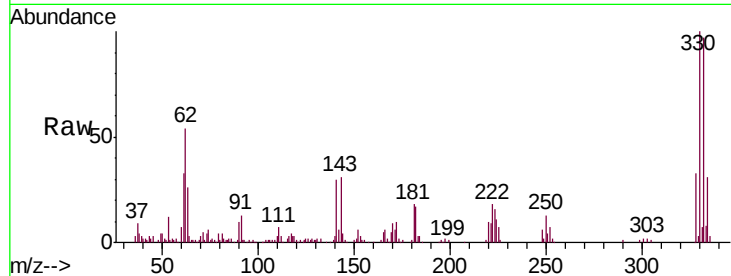
#41
 2,4,6-Tribromophenol
 Concen: 20.964 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91755		
332	95.8	77.0	115.6	
141	37.2	29.9	44.9	

Manual Integrations
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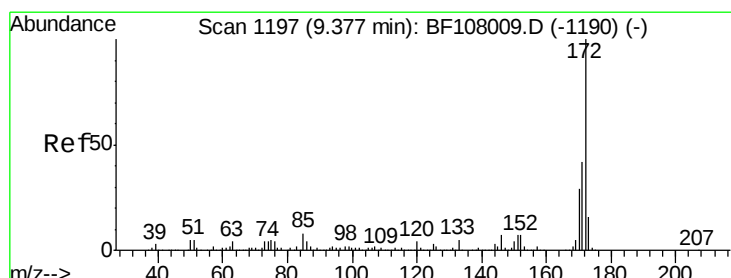
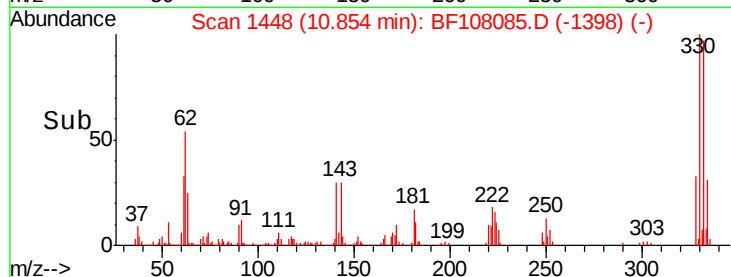
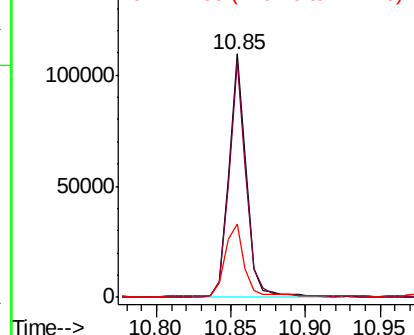


Abundance

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: 18.238 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

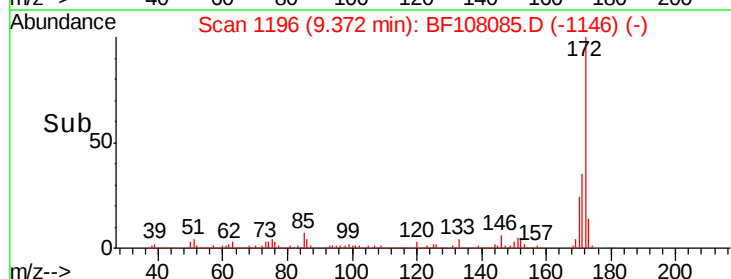
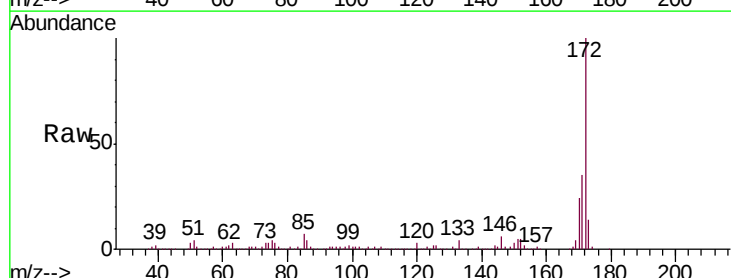
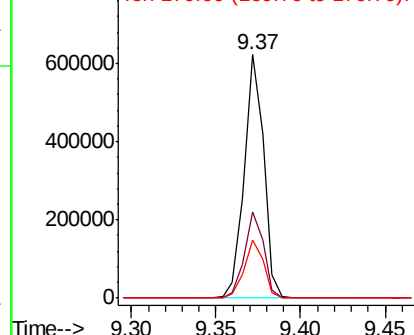
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	498449		
171	35.3	29.7	44.5	
170	24.1	19.6	29.4	

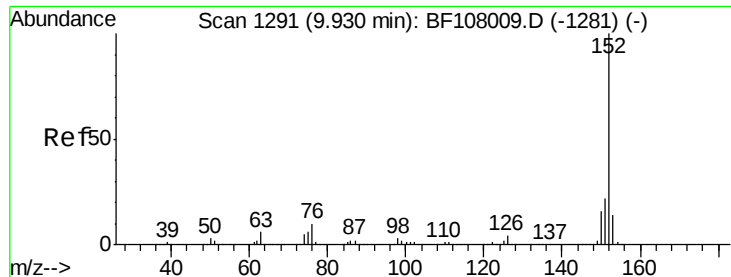
Abundance

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





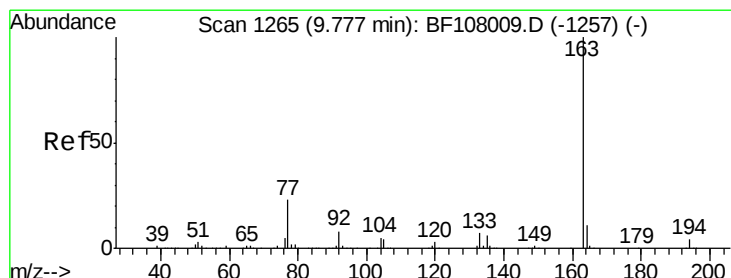
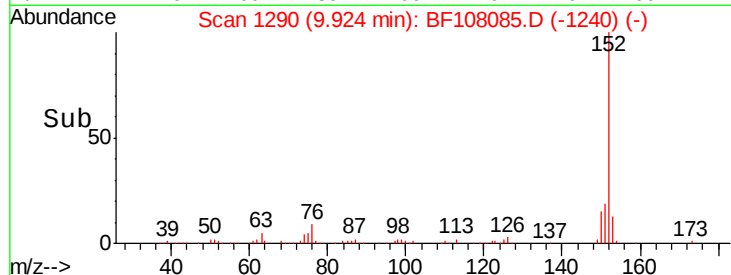
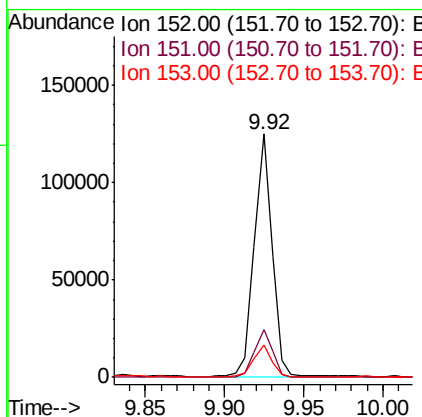
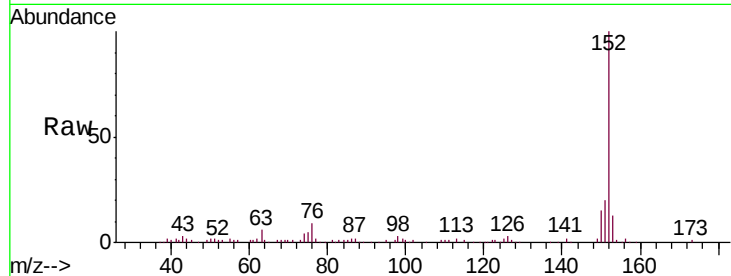
#48
Acenaphthylene
Concen: 2.460 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	99457		
151	19.5		16.3	24.5
153	13.2		10.7	16.1

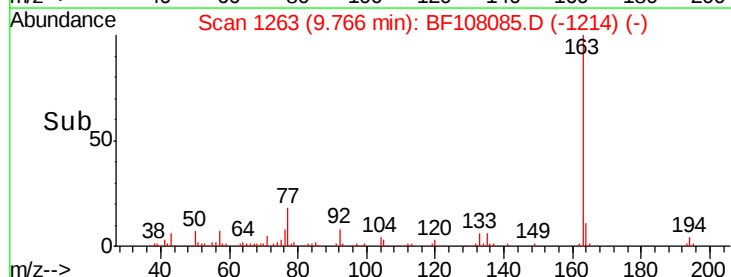
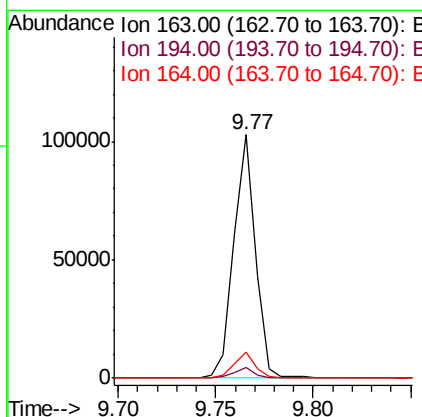
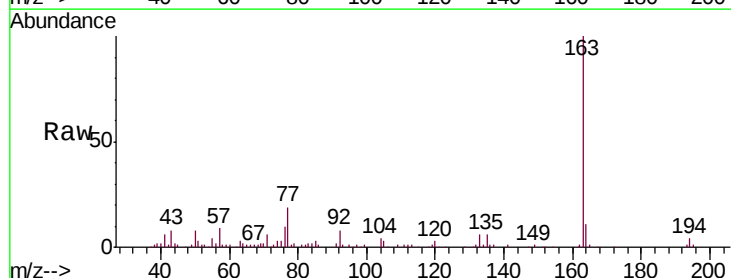
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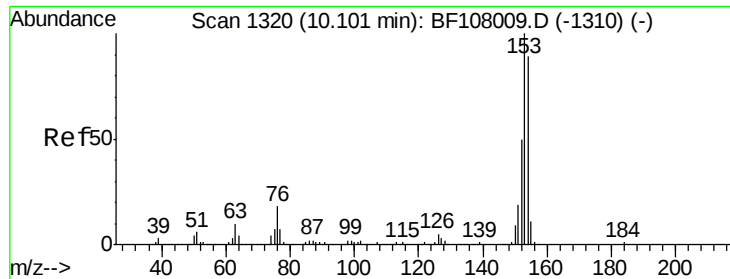
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#49
Dimethylphthalate
Concen: 2.595 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	79316		
194	4.5		2.7	4.1#
164	10.7		8.2	12.2





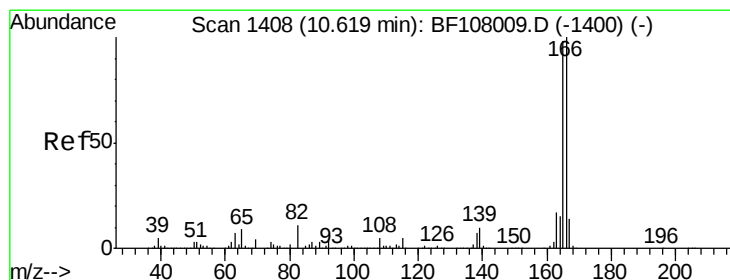
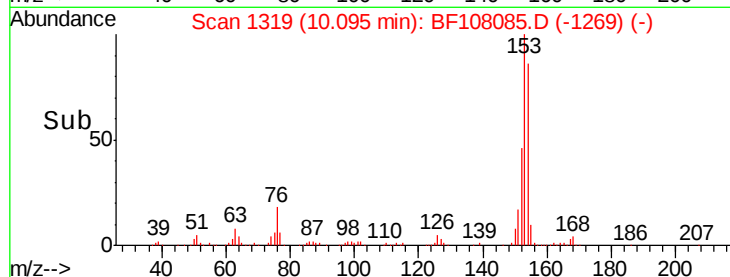
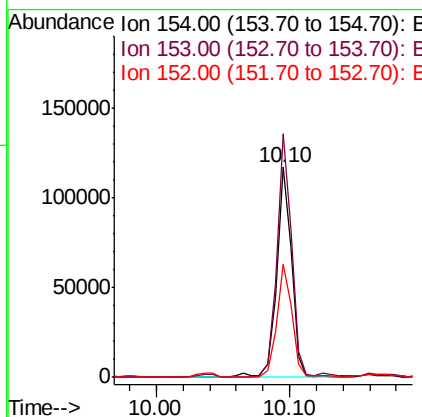
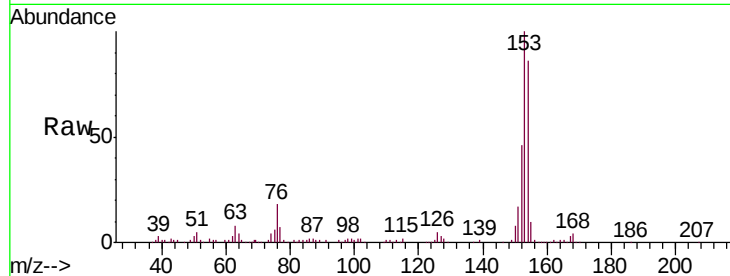
#51
Acenaphthene
Concen: 3.763 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	93180		
153	115.9	91.2	136.8	
152	53.7	43.8	65.8	

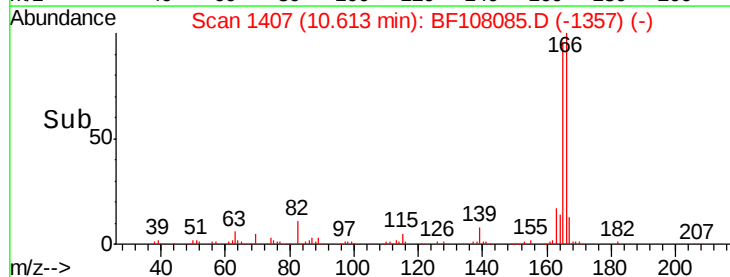
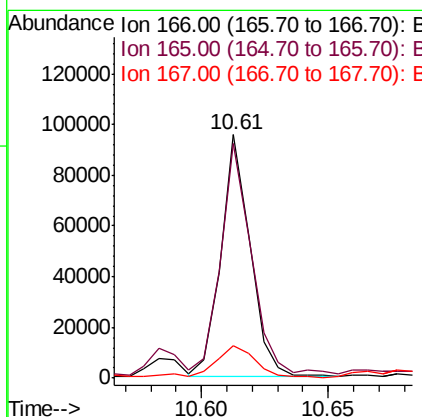
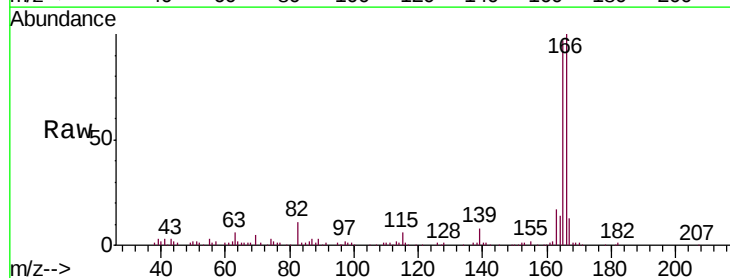
Manual Integrations
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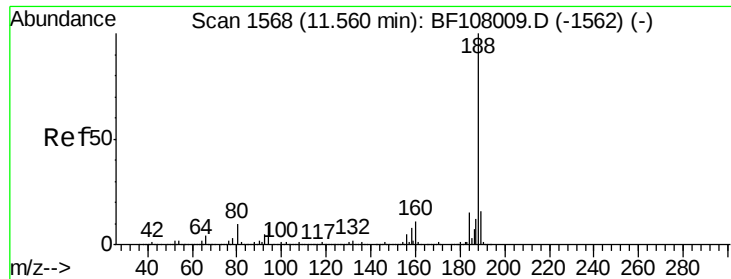
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#57
Fluorene
Concen: 2.711 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	76982		
165	96.6	79.8	119.8	
167	13.2	10.6	16.0	





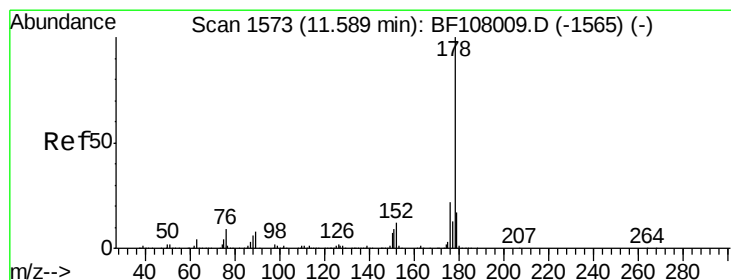
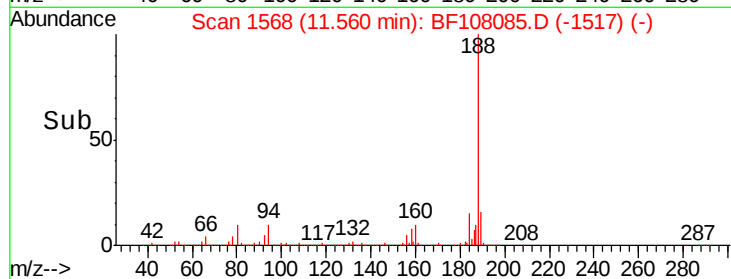
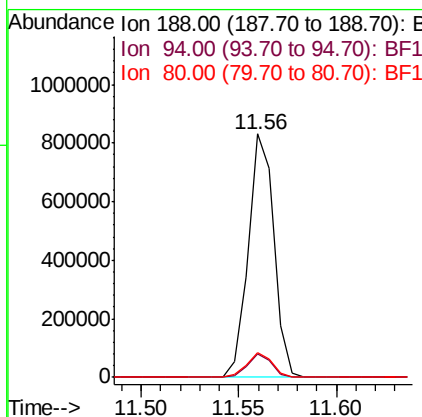
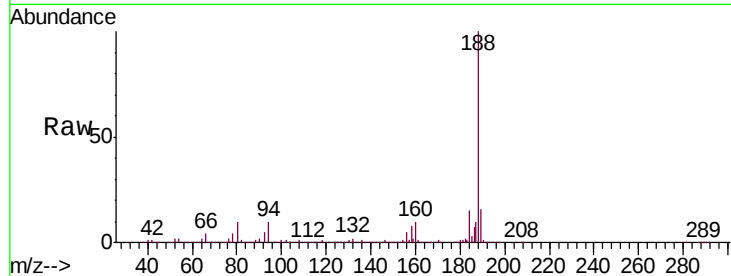
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	755068		
94	9.6	8.5	12.7	
80	10.4	9.2	13.8	

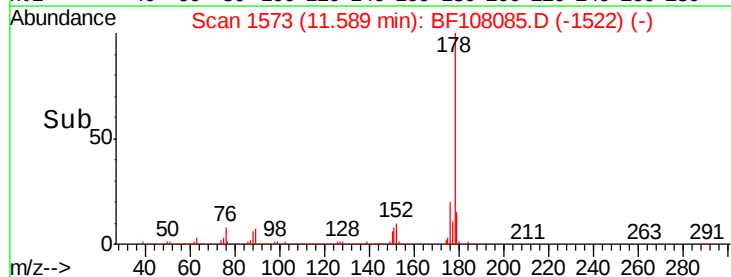
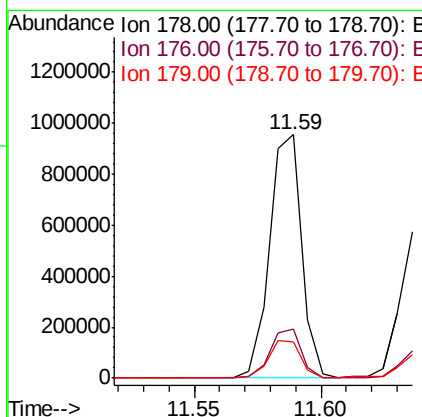
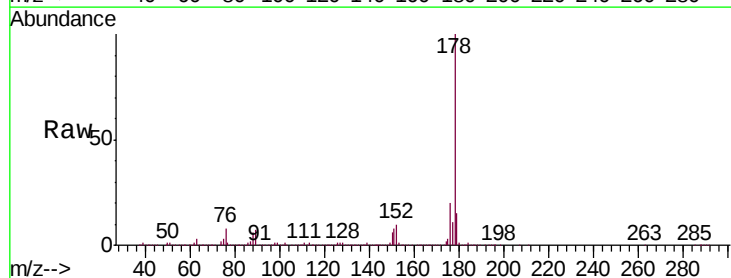
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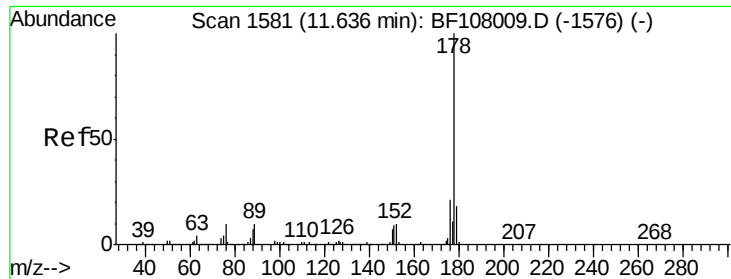
Sohil
8/13/2018 3:51:54 PM



#70
Phenanthrene
Concen: 23.828 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	848590		
176	20.0	15.8	23.8	
179	15.0	13.0	19.6	





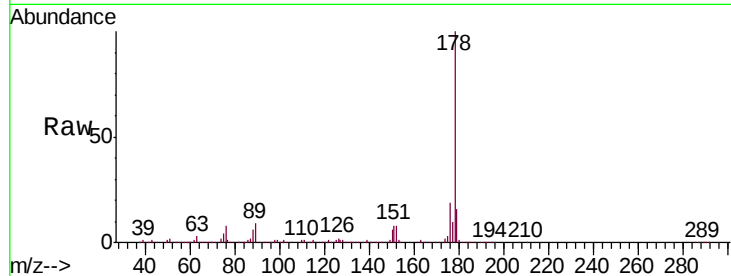
#71
 Anthracene
 Concen: 12.495 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

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

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

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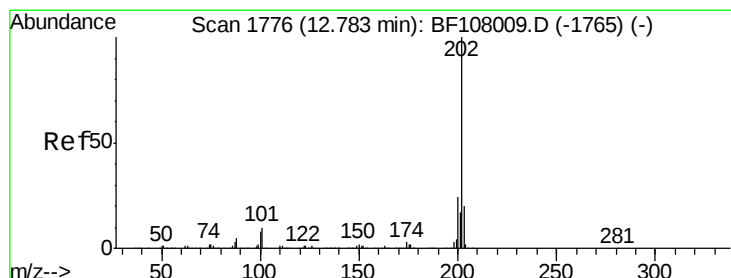
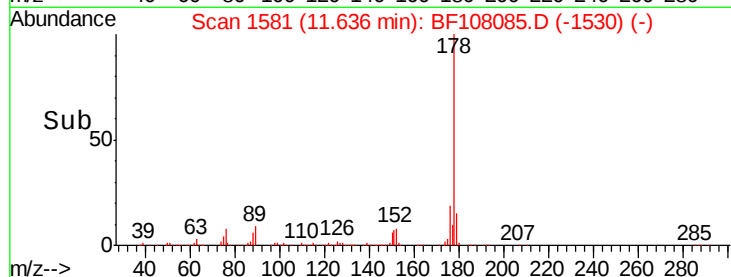
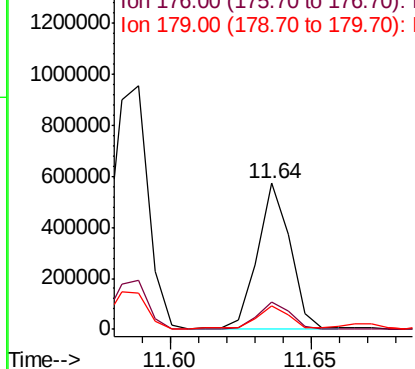


Abundance

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



#74
 Fluoranthene
 Concen: 35.649 ng
 RT: 12.79 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF108085.D
 Acq: 10 Aug 2018 15:49

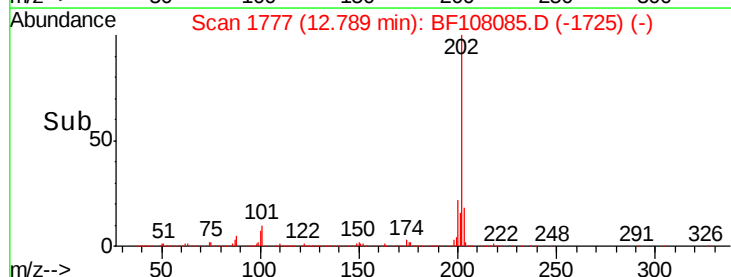
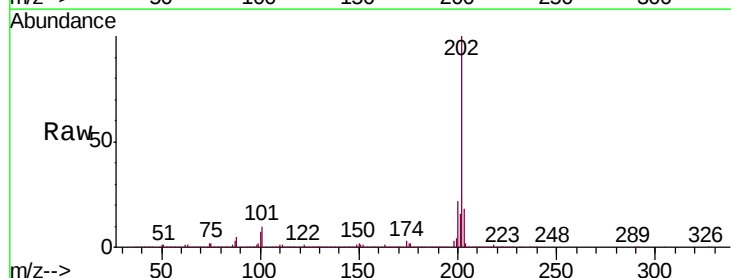
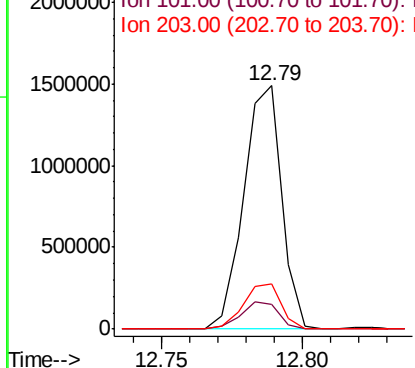
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	18.5	0.0	38.1

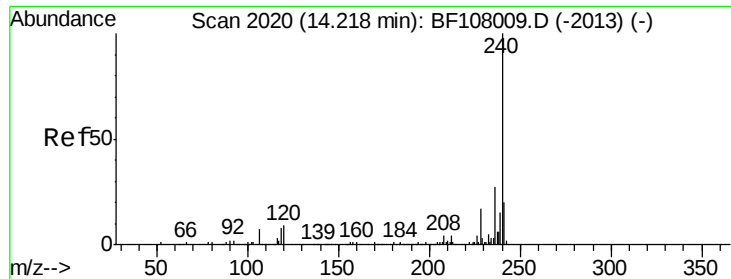
Abundance

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: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Instrument :

BNA_F

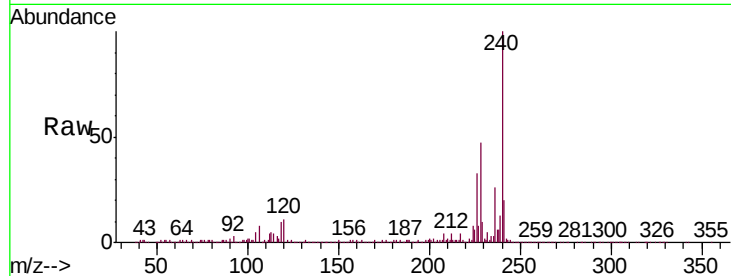
ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

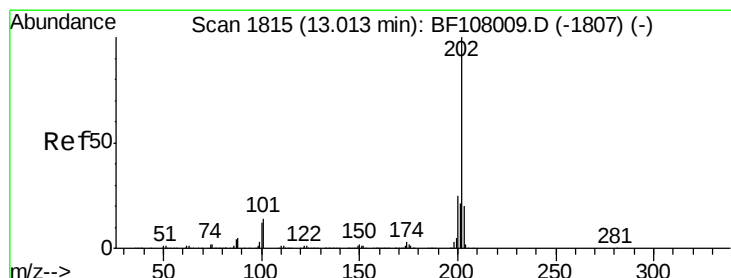
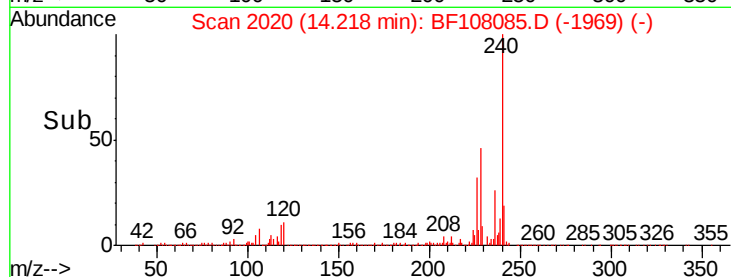
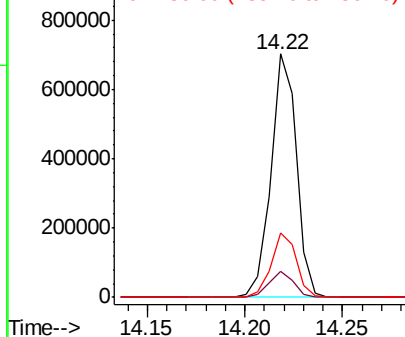
Tgt Ion:	240	Resp:	629233
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	26.5	20.7	31.1

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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: 40.903 ng

RT: 13.02 min Scan# 1816

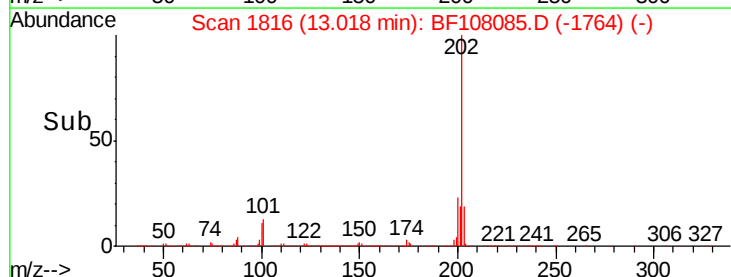
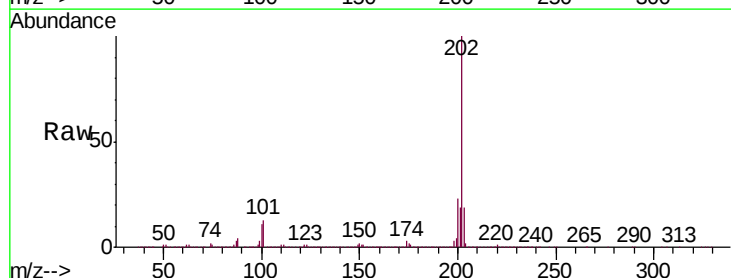
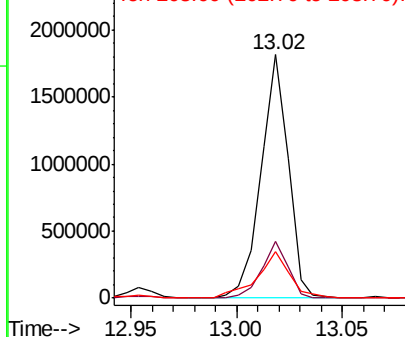
Delta R.T. 0.01 min

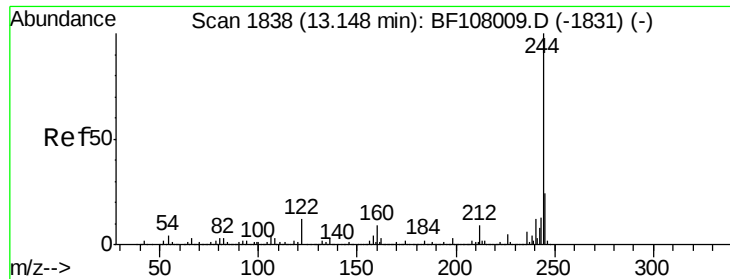
Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Tgt Ion:	202	Resp:	1629455
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.4	26.2
203	19.3	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: 17.579 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Instrument :

BNA_F

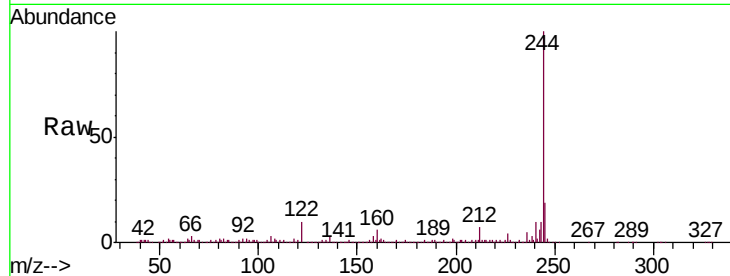
ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

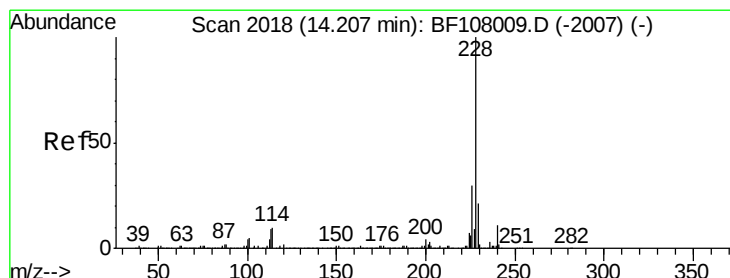
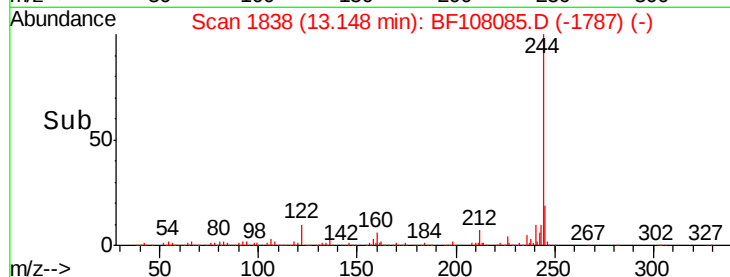
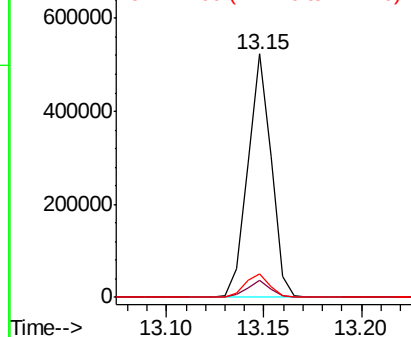
Tgt Ion:	244	Resp:	435040
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4#

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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: 26.211 ng m

RT: 14.21 min Scan# 2019

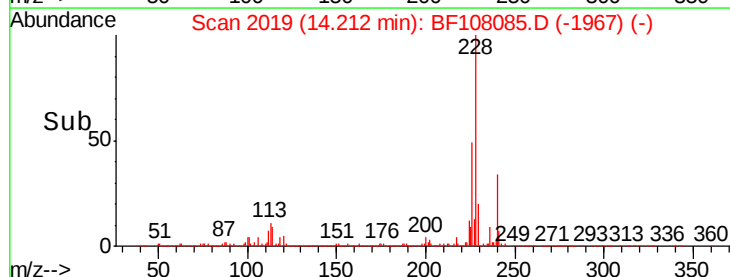
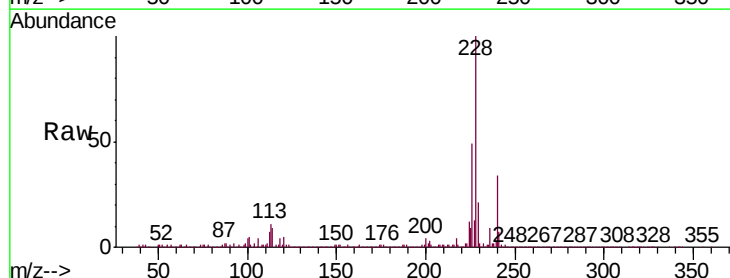
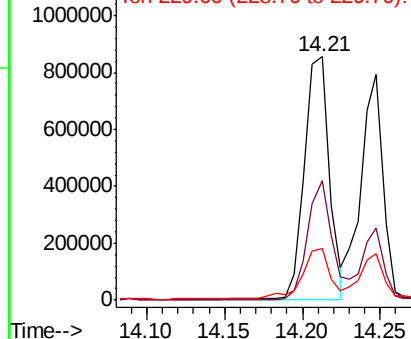
Delta R.T. 0.01 min

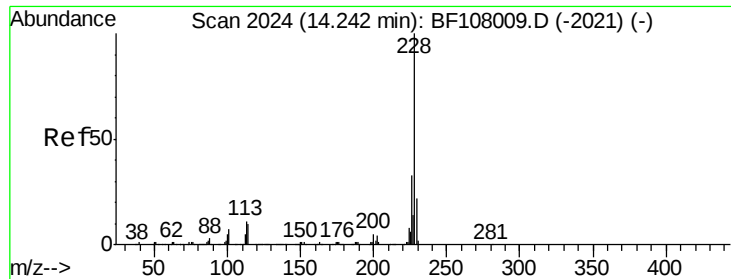
Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Tgt Ion:	228	Resp:	946521
Ion Ratio	Lower	Upper	
228	100		
226	49.1	22.6	33.8#
229	21.0	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





#82

Chrysene

Concen: 23.445 ng

RT: 14.25 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Instrument :

BNA_F

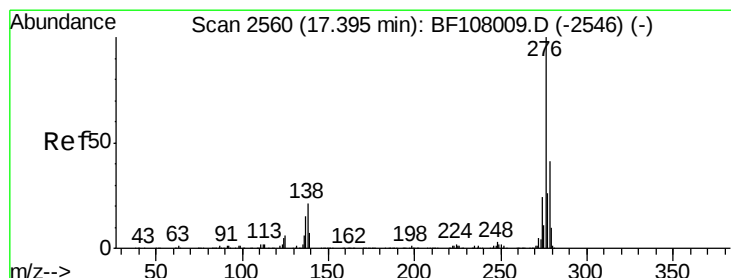
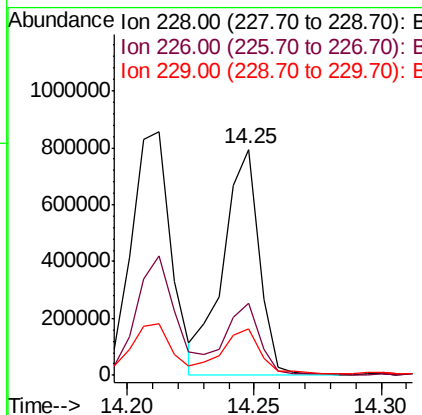
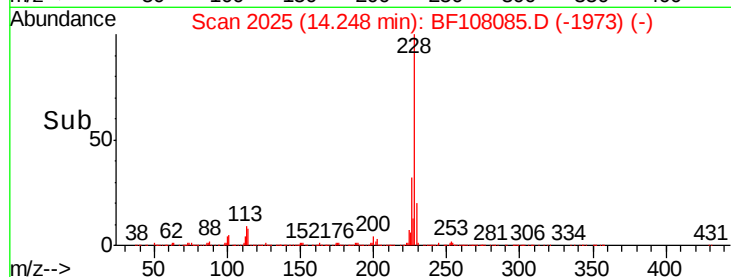
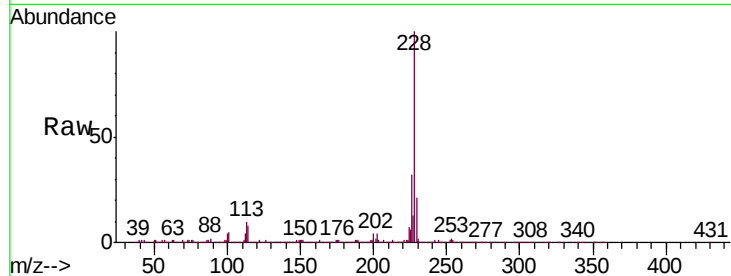
ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

Tgt Ion:	228	Resp:	776177
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.0	37.6
229	20.8	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 11.748 ng m

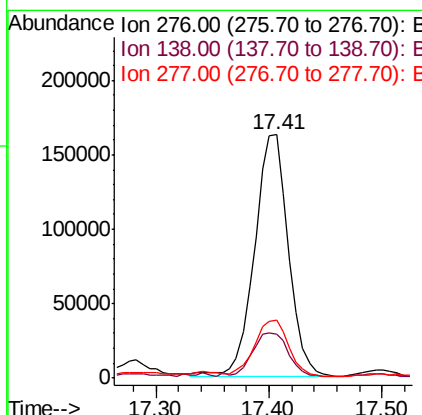
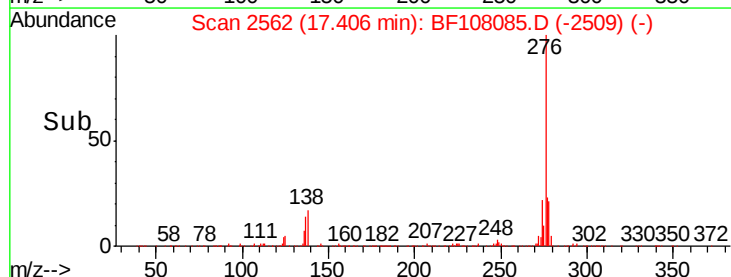
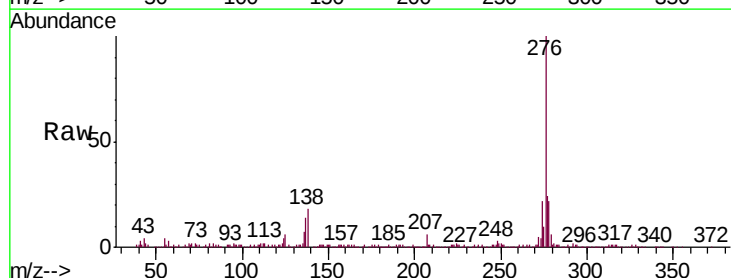
RT: 17.41 min Scan# 2562

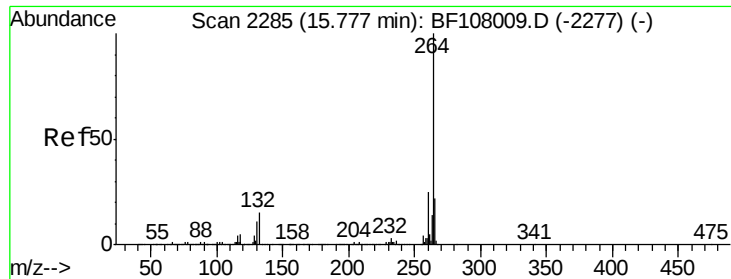
Delta R.T. 0.01 min

Lab File: BF108085.D

Acq: 10 Aug 2018 15:49

Tgt Ion:	276	Resp:	336994
Ion Ratio	Lower	Upper	
276	100		
138	1.5	25.0	37.6#
277	1.6	20.1	30.1#





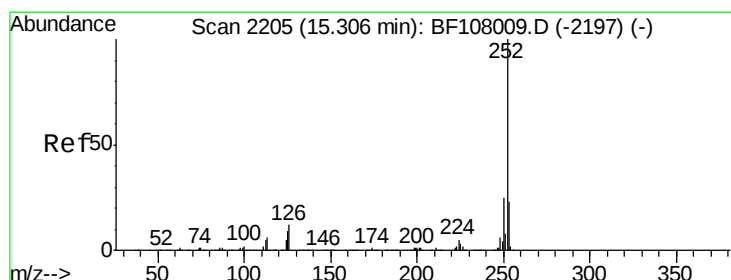
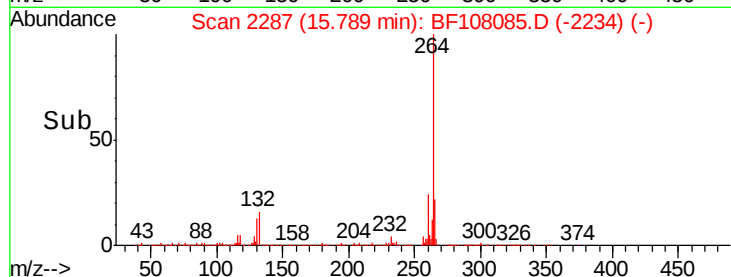
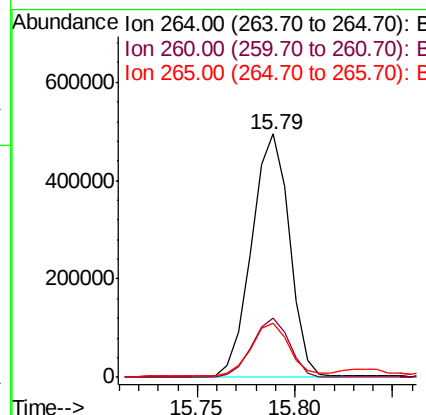
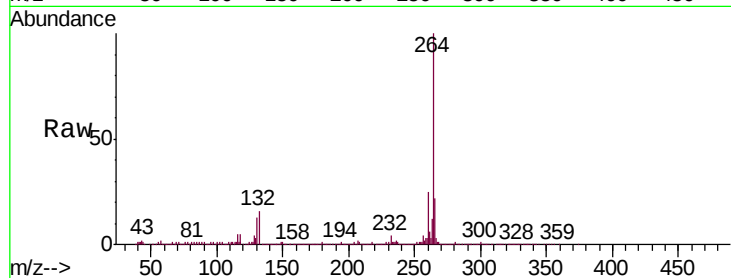
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.5	17.5	26.3

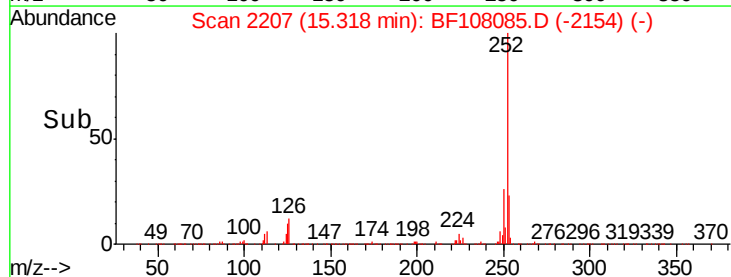
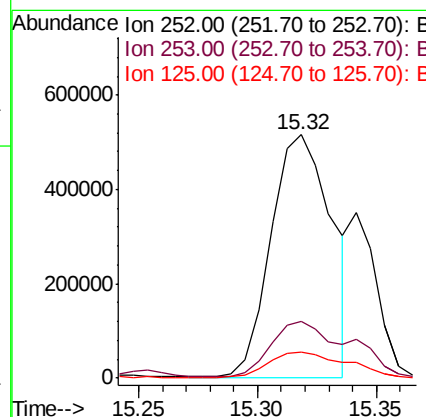
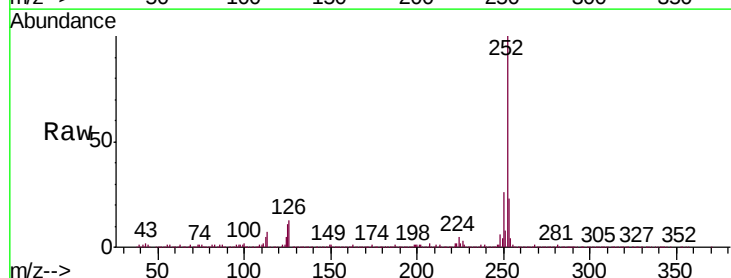
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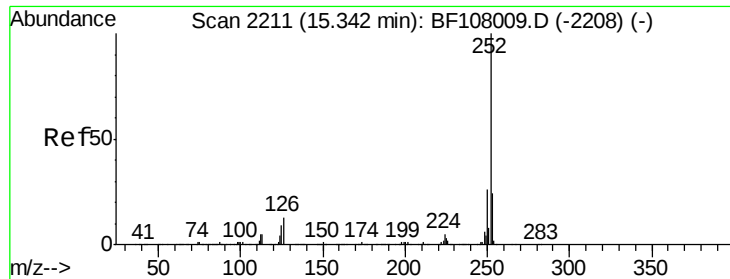
Sohil
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#87
Benzo(b)fluoranthene
Concen: 23.483 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	10.6	9.0	13.6





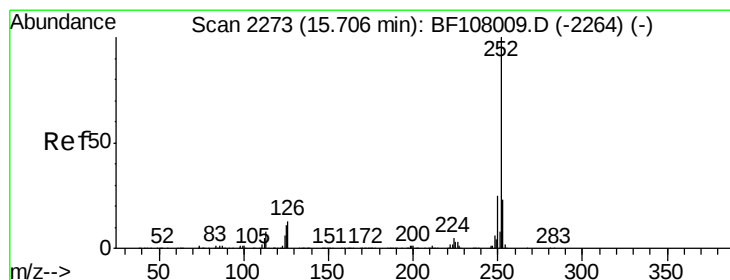
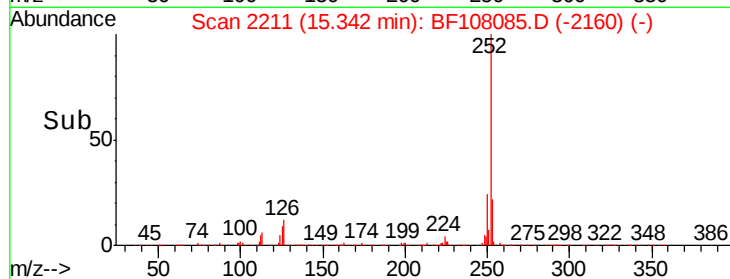
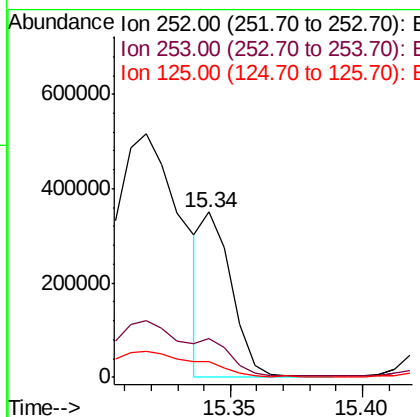
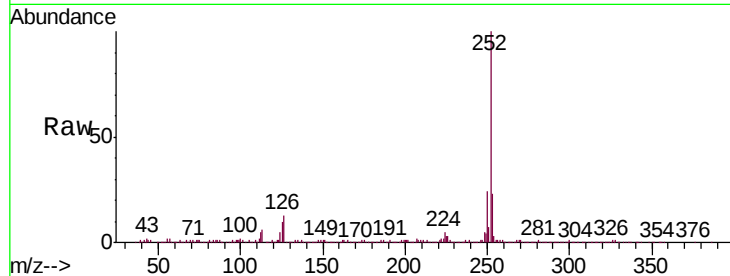
#88
Benzo(k)fluoranthene
Concen: 7.608 ng m
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	276857		
253	23.2	17.9	26.9	
125	9.8	10.2	15.2#	

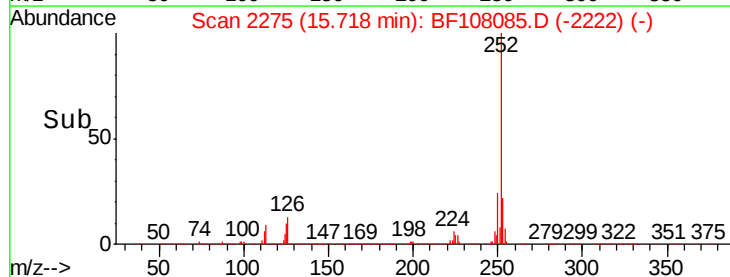
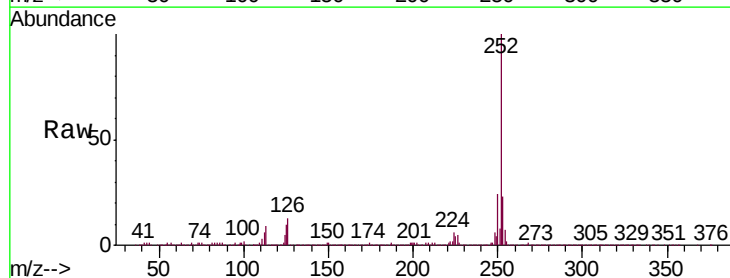
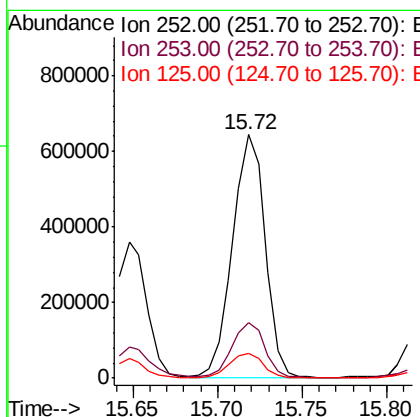
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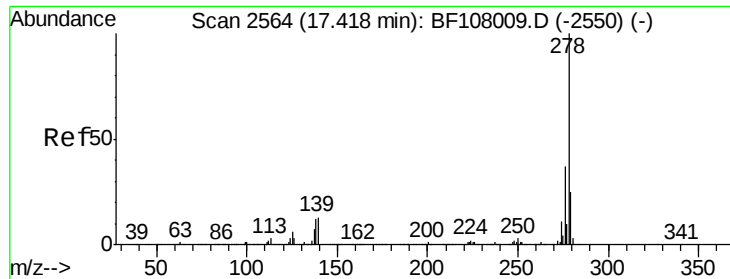
Sohil
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#89
Benzo(a)pyrene
Concen: 24.314 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	861864		
253	22.5	17.1	25.7	
125	10.4	9.8	14.6	





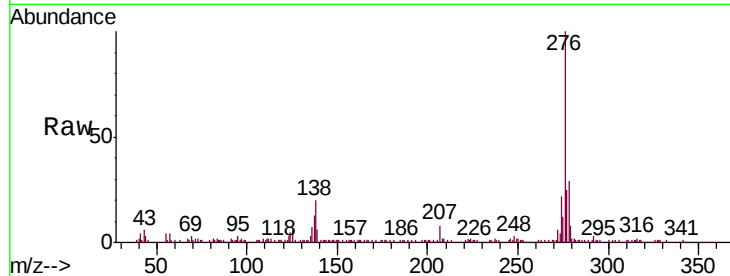
#90
Dibenzo(a,h)anthracene
Concen: 3.006 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

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

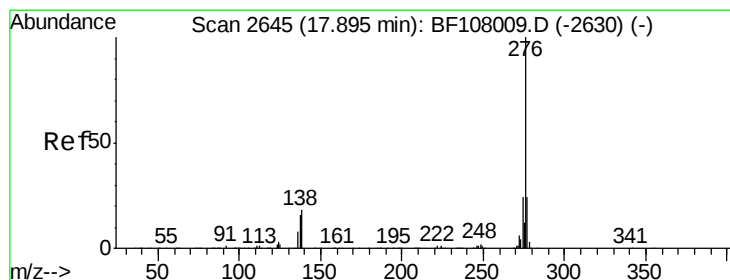
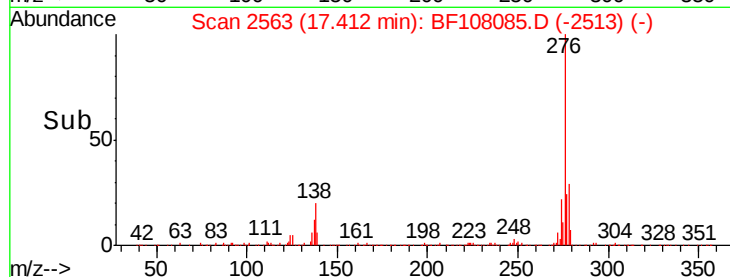
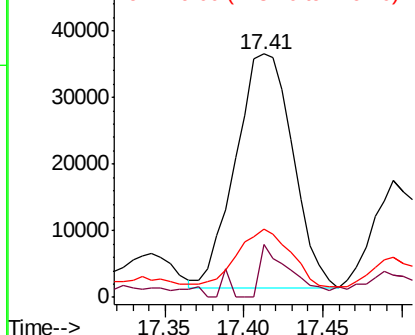
Tgt Ion:	278	Resp:	88161
Ion Ratio	Lower	Upper	
278	100		
139	21.5	15.9	23.9
279	28.1	19.0	28.4

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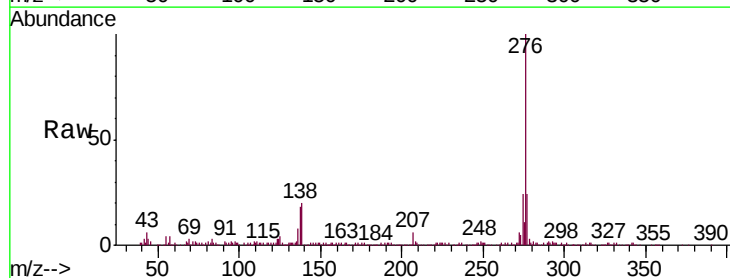


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 10.636 ng m
RT: 17.90 min Scan# 2646
Delta R.T. 0.01 min
Lab File: BF108085.D
Acq: 10 Aug 2018 15:49

Tgt Ion:	276	Resp:	307166
Ion Ratio	Lower	Upper	
276	100		
277	24.5	17.9	26.9
138	20.3	21.8	32.8#



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

