

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108083.D
 Acq On : 10 Aug 2018 14:55
 Operator : JU/SJ
 Sample : J4409-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

Manual Integrations
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 8/13/2018 3:51:48 PM

Quant Time: Aug 10 16:43:06 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	269686	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	970007	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	456892	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	756154	20.00	ng	0.00
75) Chrysene-d12	14.22	240	566708	20.00	ng	0.00
86) Perylene-d12	15.79	264	596297	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1603400	107.64	ng	0.01
7) Phenol-d6	6.64	99	2128369	107.52	ng	0.00
23) Nitrobenzene-d5	7.58	82	1433526	82.47	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	476142	104.48	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2357850	82.85	ng	0.00
78) Terphenyl-d14	13.15	244	1898829	85.19	ng	0.00
Target Compounds						
10) Phenol	6.64	94	107471	5.249	ng	Qvalue 87
49) Dimethylphthalate	9.77	163	370799	11.651	ng	# 99
51) Acenaphthene	10.10	154	84707	3.286	ng	98
57) Fluorene	10.61	166	83899	2.838	ng	99
70) Phenanthrene	11.58	178	1120770	31.425	ng	99
71) Anthracene	11.64	178	301766	8.255	ng	98
72) Carbazole	11.79	167	87378	2.690	ng	97
74) Fluoranthene	12.79	202	1939970	49.840	ng	95
77) Pyrene	13.02	202	1805839	50.332	ng	97
80) Benzo(a)anthracene	14.21	228	932318m	28.666	ng	
82) Chrysene	14.25	228	832155	27.909	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	60299	3.125	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.41	276	453504	17.554	ng	# 88
87) Benzo(b)fluoranthene	15.32	252	1179248m	33.096	ng	
88) Benzo(k)fluoranthene	15.34	252	374704m	11.440	ng	
89) Benzo(a)pyrene	15.72	252	900982	28.238	ng	97
90) Dibenzo(a,h)anthracene	17.42	278	106548	4.036	ng	95
91) Benzo(g,h,i)perylene	17.91	276	423354	16.286	ng	# 91

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

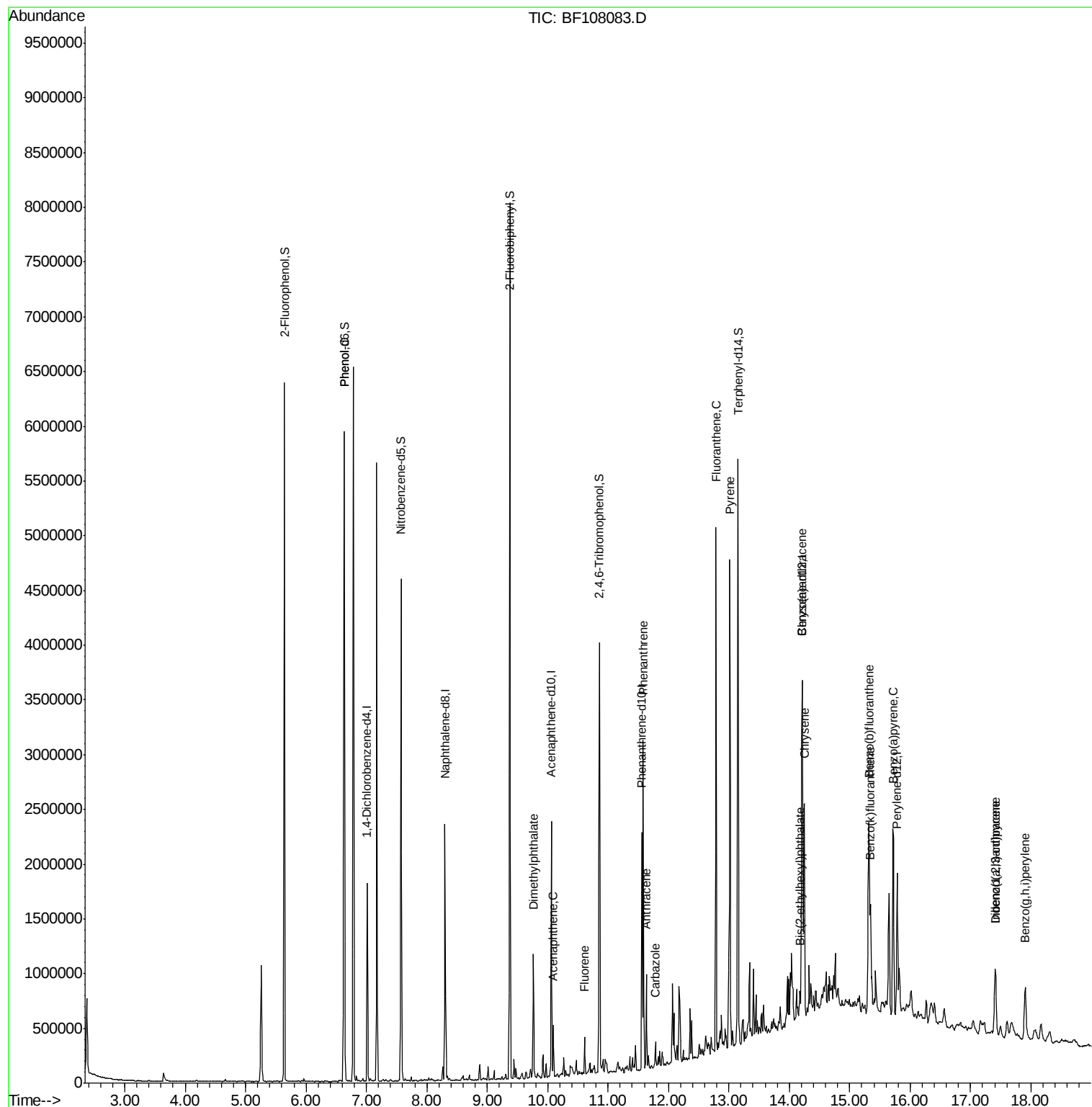
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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ALS Vial : 7 Sample Multiplier: 1

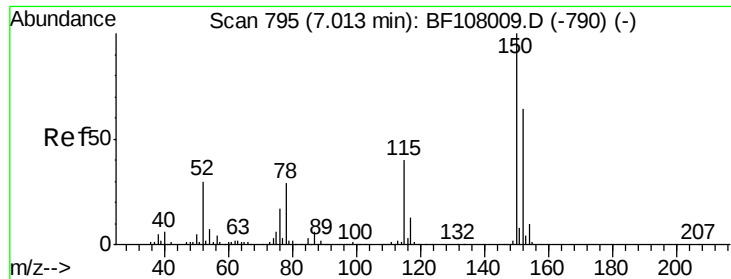
Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

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#1

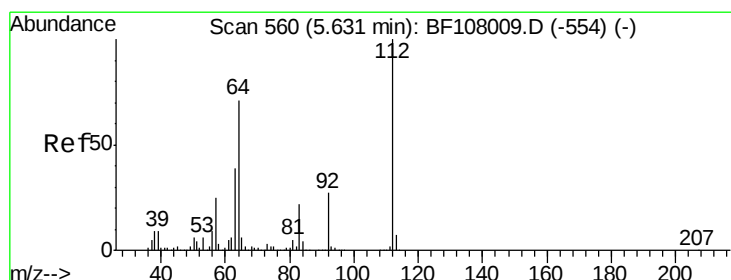
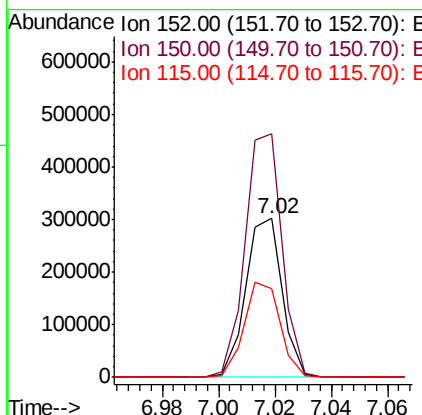
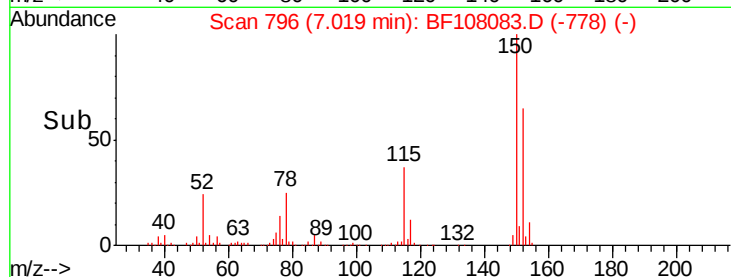
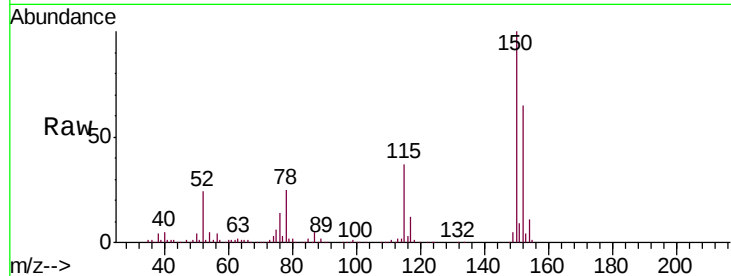
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	269686		
150	153.5	124.6	186.8	
115	56.0	50.1	75.1	

Manual Integrations
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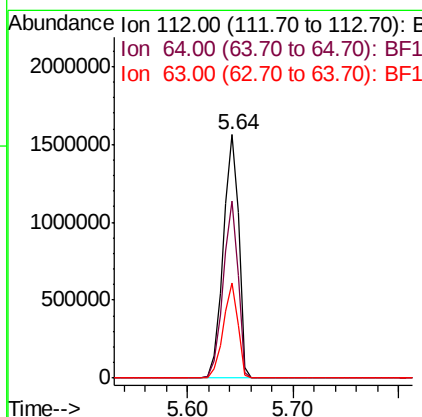
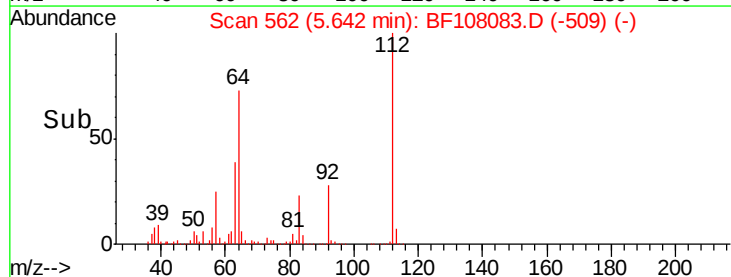
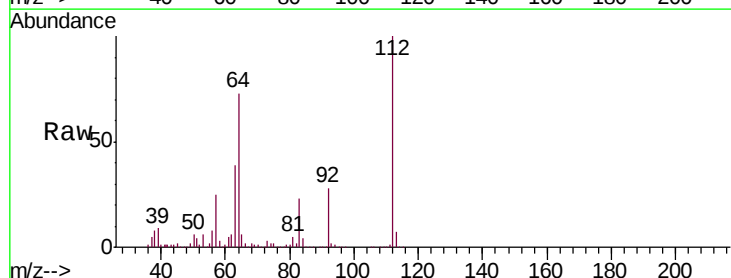
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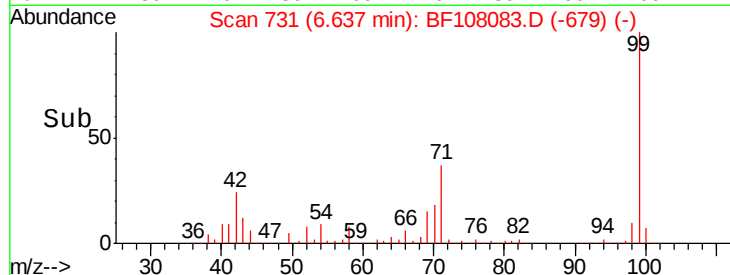
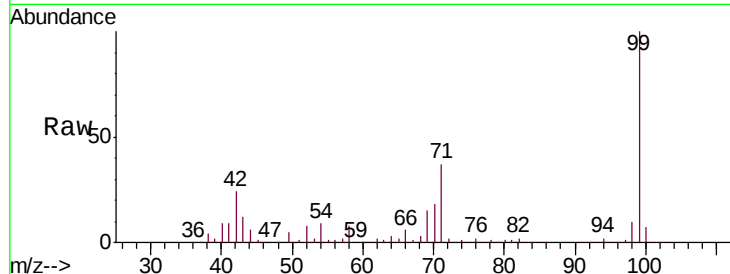
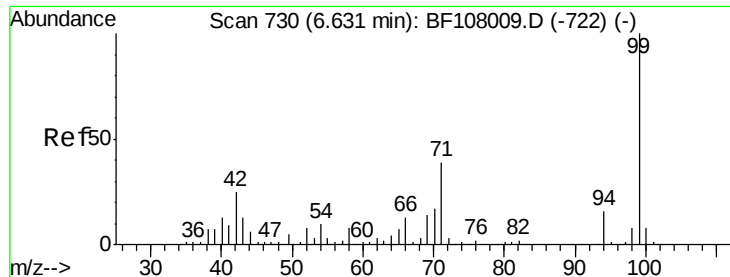


#5

2-Fluorophenol
Concen: 107.639 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1603400		
64	72.7	47.9	71.9#	
63	39.0	23.7	35.5#	





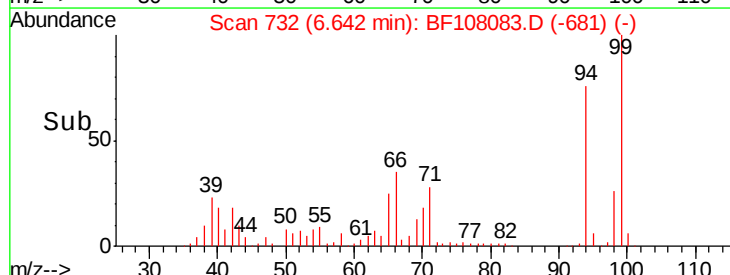
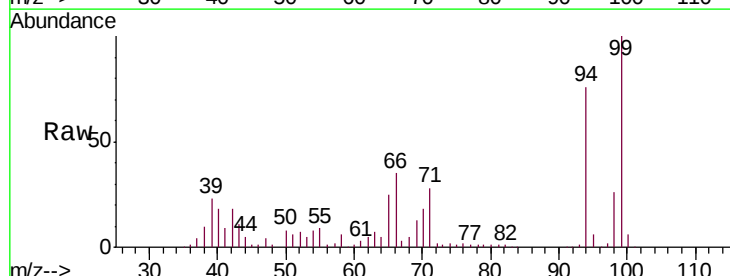
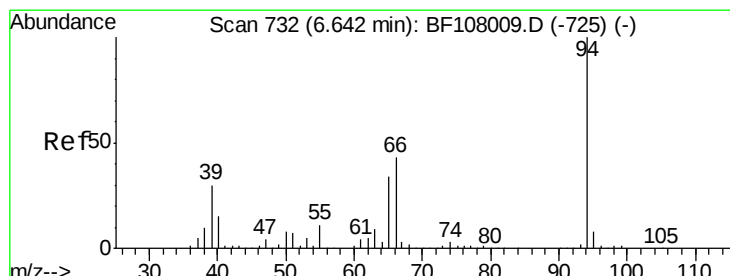
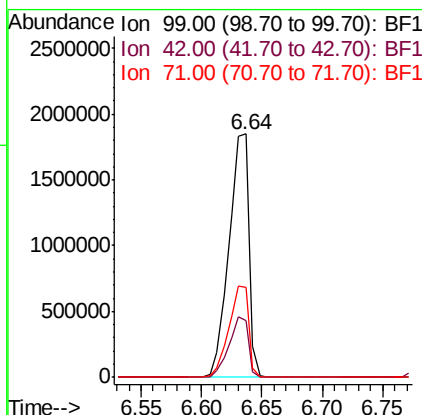
#7
Phenol-d6
Concen: 107.521 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion: 99 Resp: 2128369
Ion Ratio Lower Upper
99 100
42 23.6 14.5 21.7#
71 37.0 25.4 38.0

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

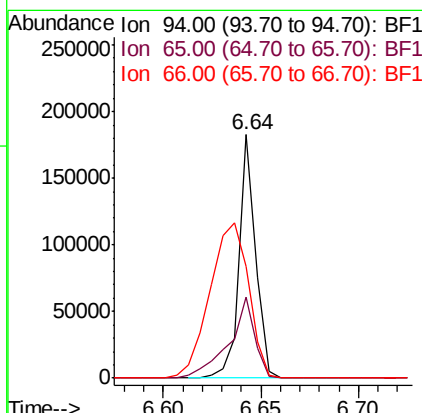
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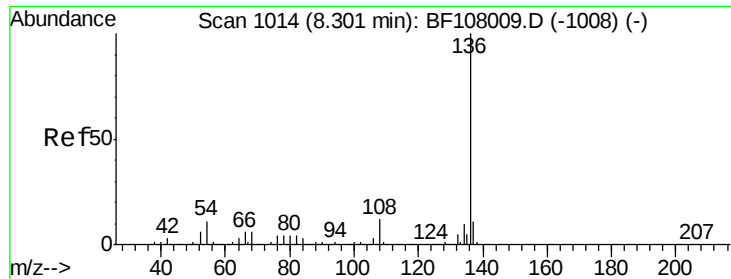
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#10
Phenol
Concen: 5.249 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion: 94 Resp: 107471
Ion Ratio Lower Upper
94 100
65 33.2 7.9 47.9
66 45.7 16.2 56.2





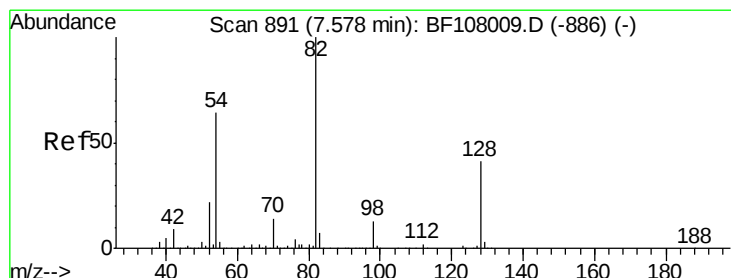
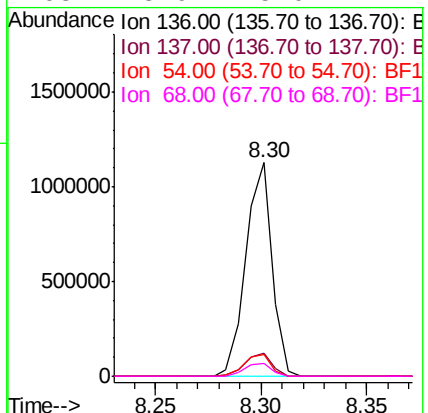
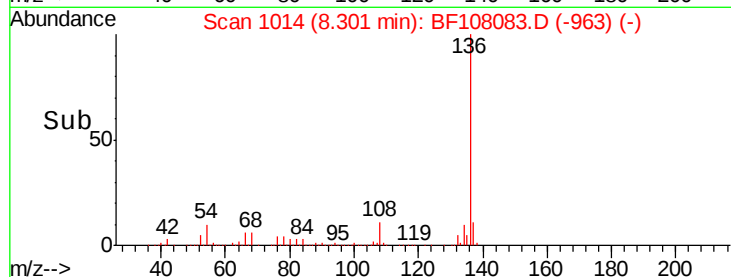
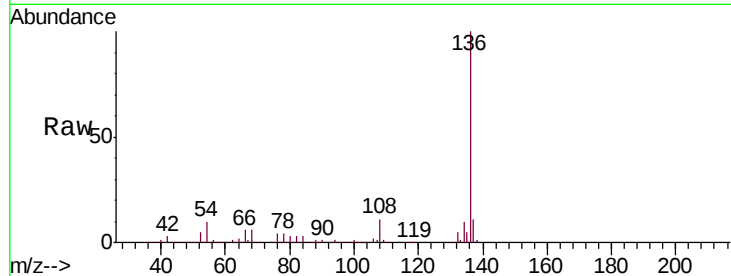
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	970007		
137	10.8	8.9	13.3	
54	9.9	6.6	9.8	
68	5.9	5.0	7.4	

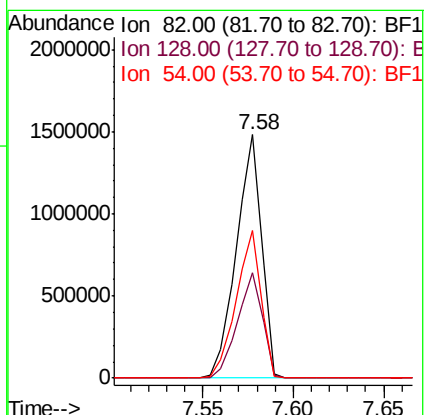
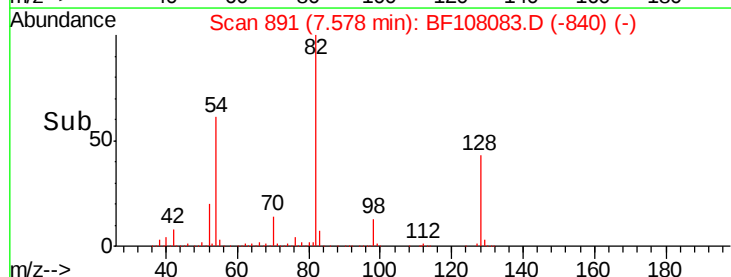
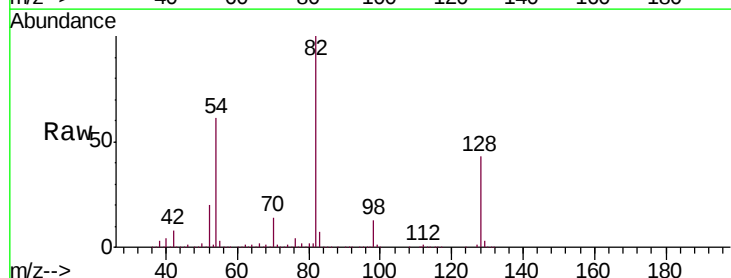
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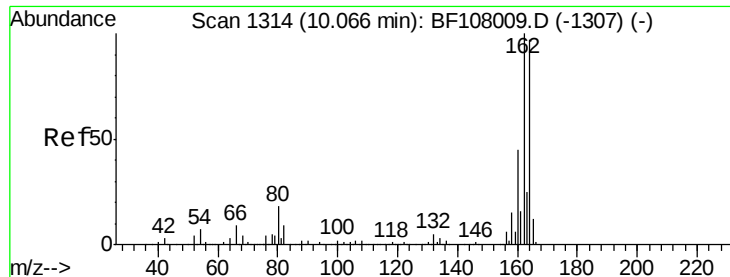
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#23
Nitrobenzene-d5
Concen: 82.466 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1433526		
128	43.4	36.1	54.1	
54	60.6	41.4	62.2	





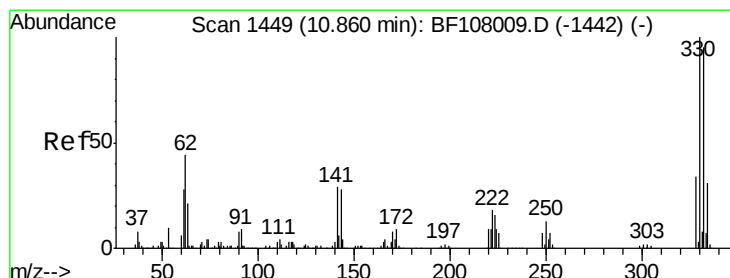
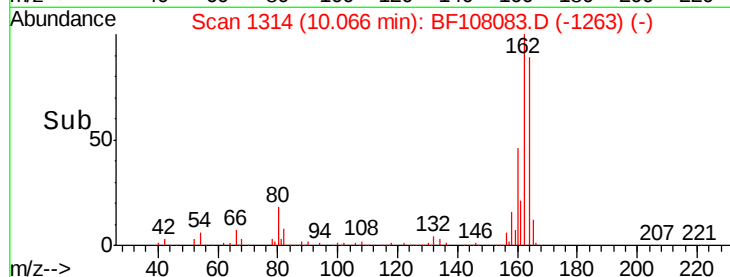
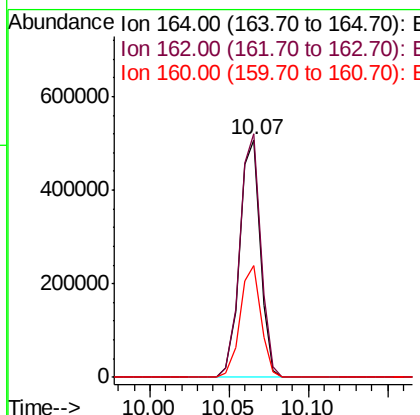
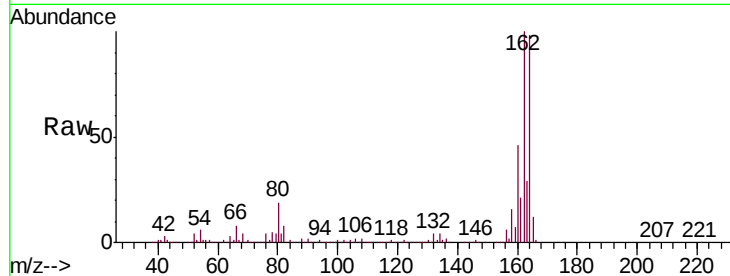
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	456892	86.1	129.1
160	46.9		38.3	57.5

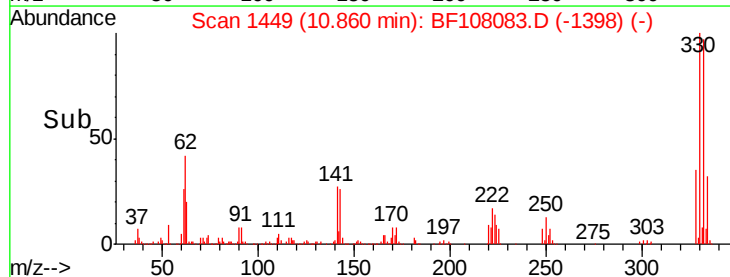
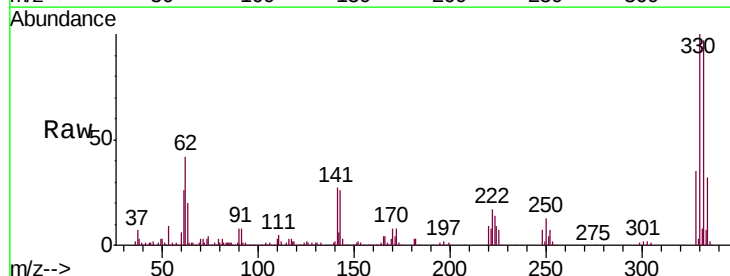
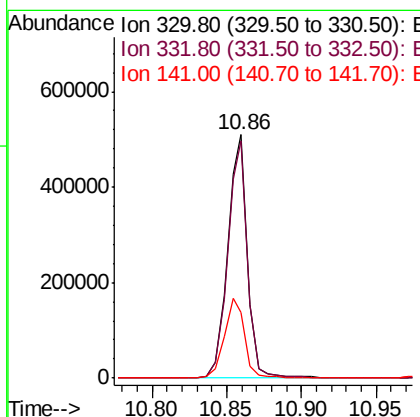
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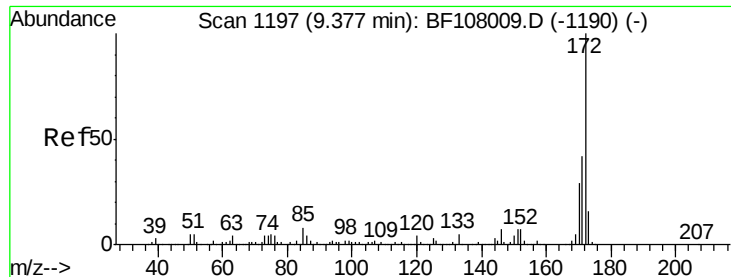
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#41
2,4,6-Tribromophenol
Concen: 104.477 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	476142		
332	98.2		77.0	115.6
141	33.9		29.9	44.9





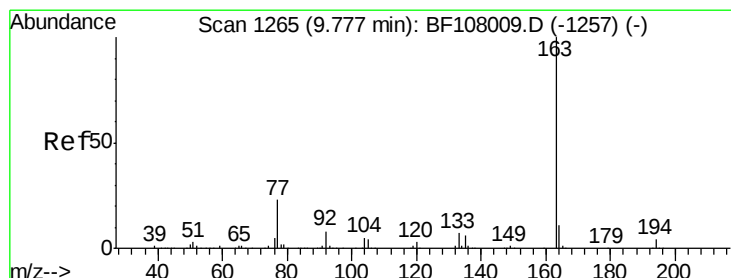
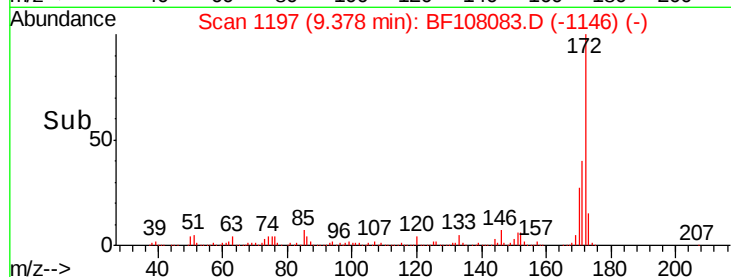
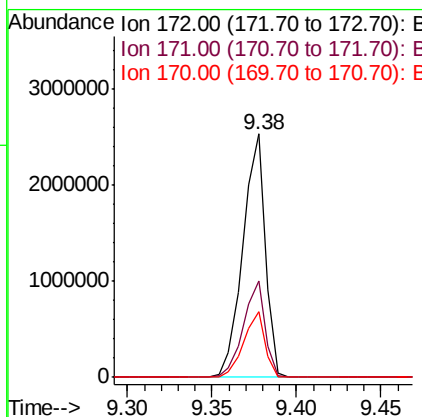
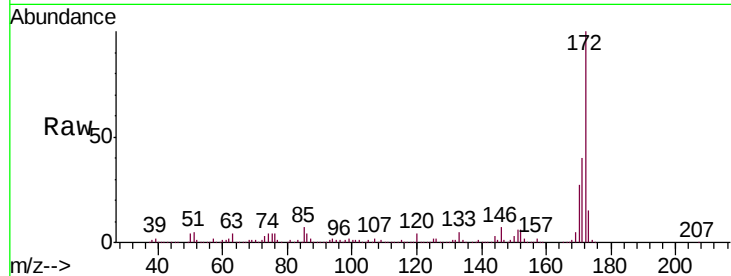
#44
 2-Fluorobiphenyl
 Concen: 82.852 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

Tgt Ion:172 Resp: 2357850
 Ion Ratio Lower Upper
 172 100
 171 39.7 29.7 44.5
 170 27.1 19.6 29.4

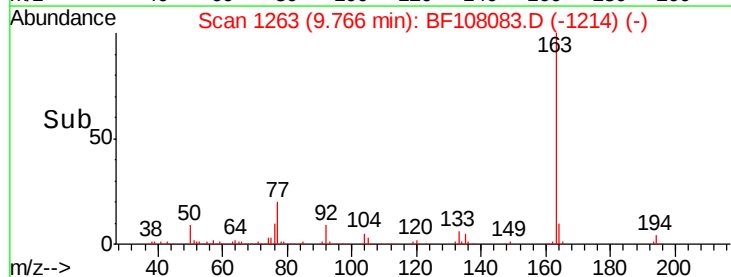
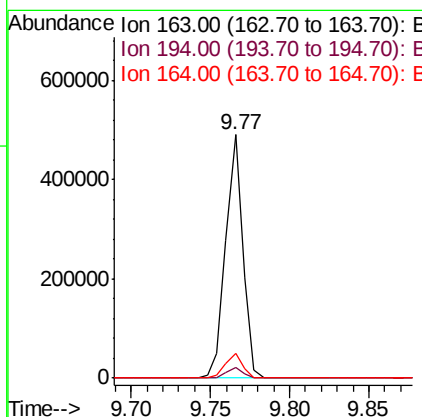
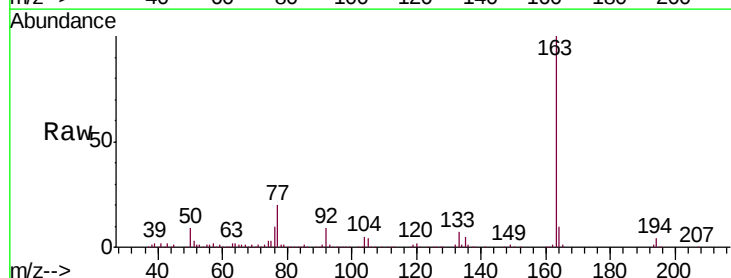
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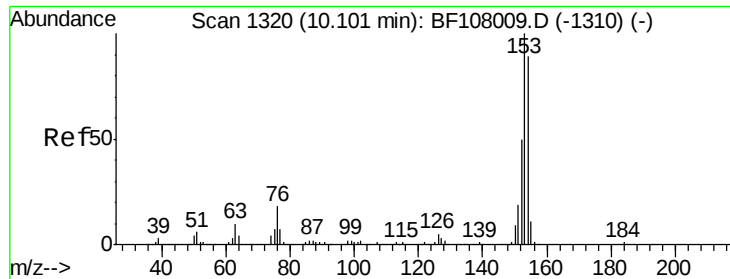
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#49
 Dimethylphthalate
 Concen: 11.651 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

Tgt Ion:163 Resp: 370799
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.1 8.2 12.2





#51

Acenaphthene

Concen: 3.286 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108083.D

Acq: 10 Aug 2018 14:55

Instrument :

BNA_F

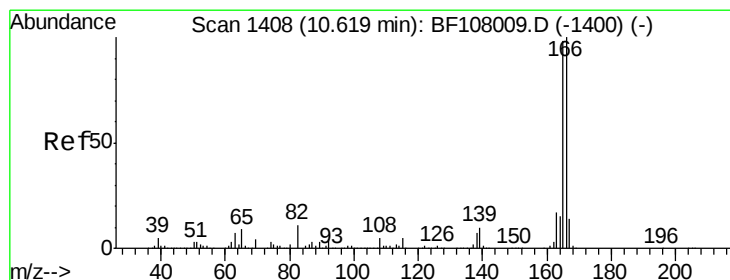
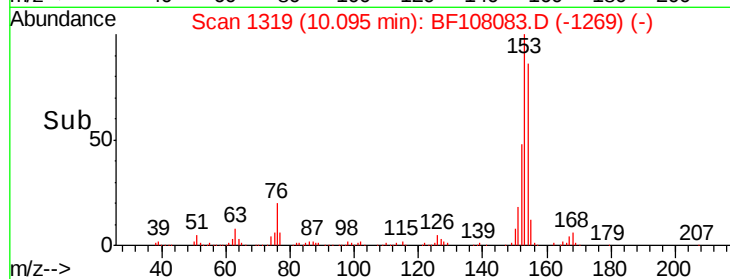
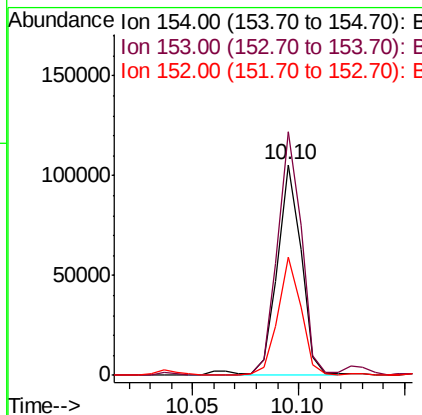
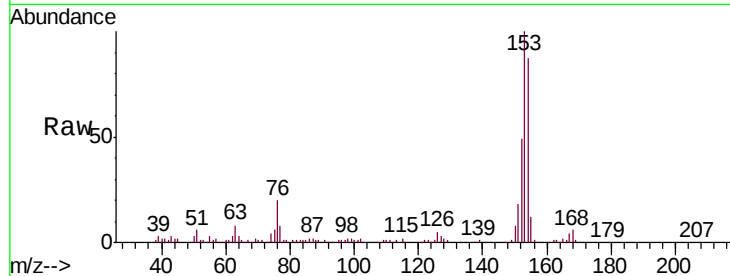
ClientSampleId :

2018-NYSEG-CLARK-AREA-11B

Tgt Ion:	154	Resp:	84707
Ion Ratio	Lower	Upper	
154	100		
153	115.5	91.2	136.8
152	56.3	43.8	65.8

Manual Integrations
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#57

Fluorene

Concen: 2.838 ng

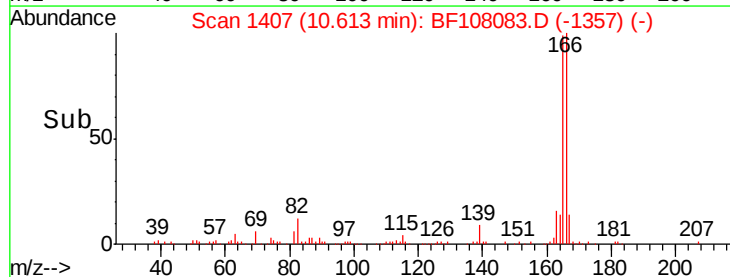
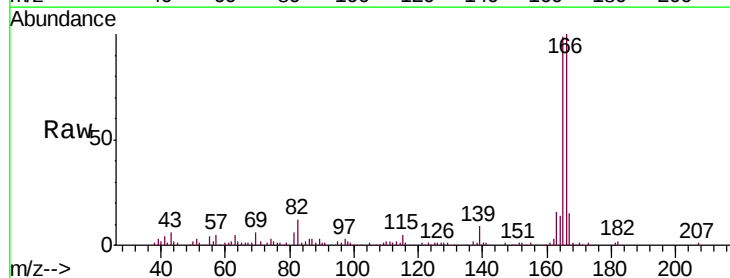
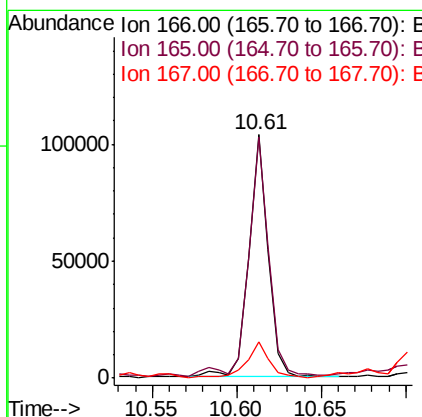
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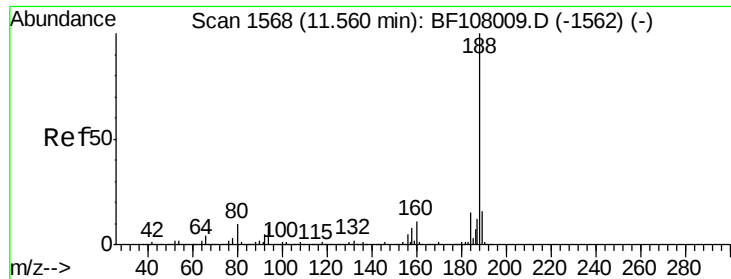
Delta R.T. -0.01 min

Lab File: BF108083.D

Acq: 10 Aug 2018 14:55

Tgt Ion:	166	Resp:	83899
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	14.7	10.6	16.0





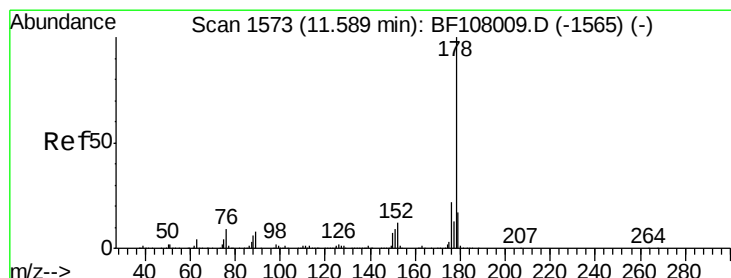
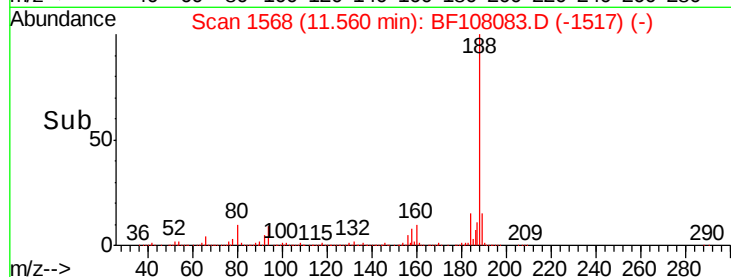
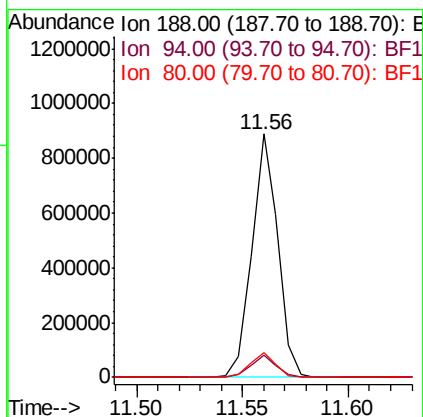
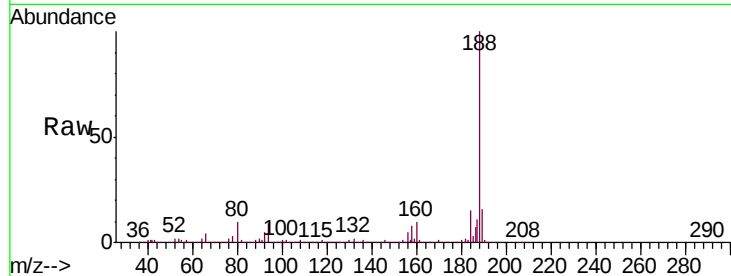
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	756154		
94	9.2	8.5	12.7	
80	10.0	9.2	13.8	

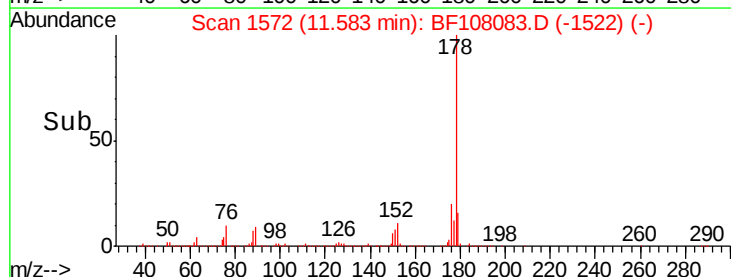
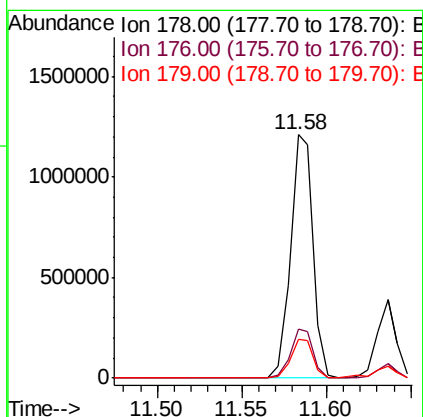
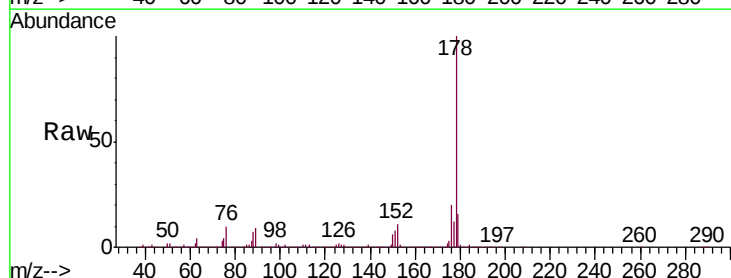
Manual Integrations
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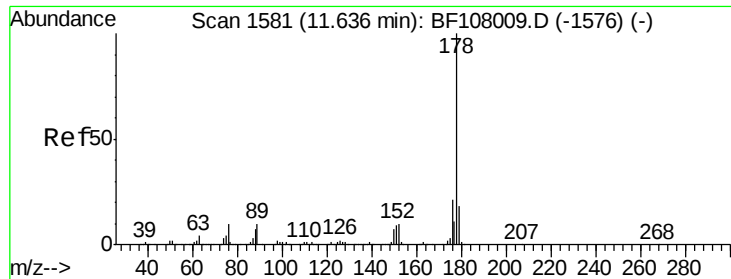
Sohil
8/13/2018 3:51:48 PM



#70
Phenanthrene
Concen: 31.425 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1120770		
176	20.3	15.8	23.8	
179	16.2	13.0	19.6	





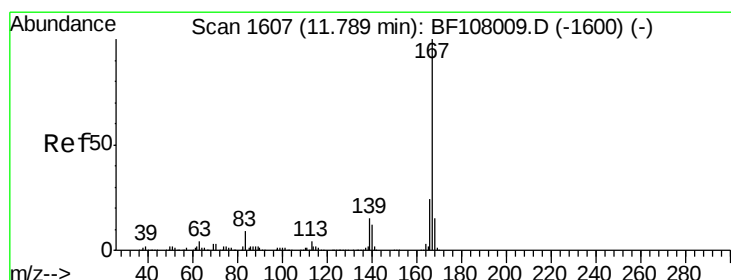
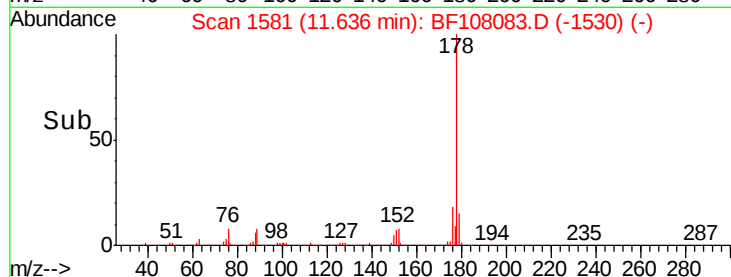
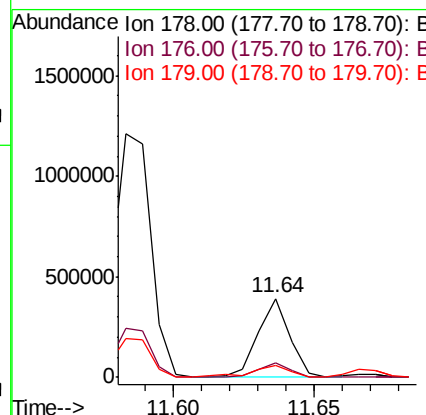
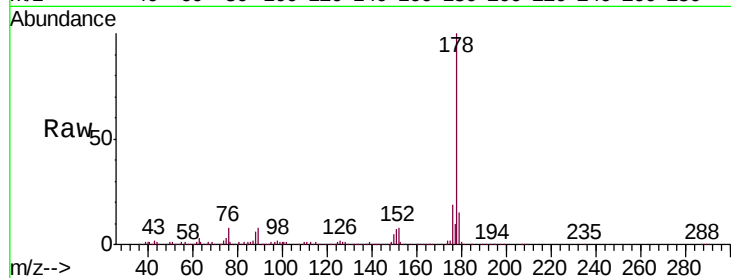
#71
 Anthracene
 Concen: 8.255 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.6	19.0

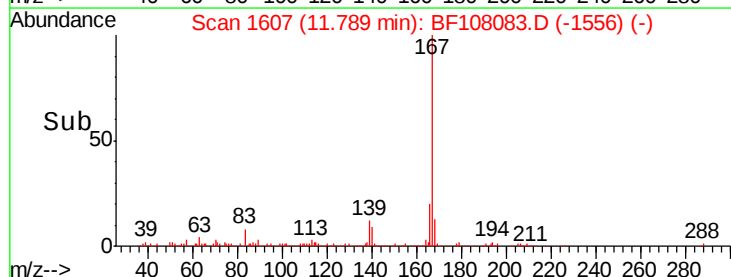
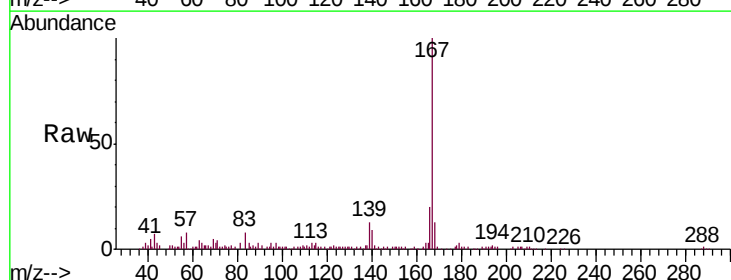
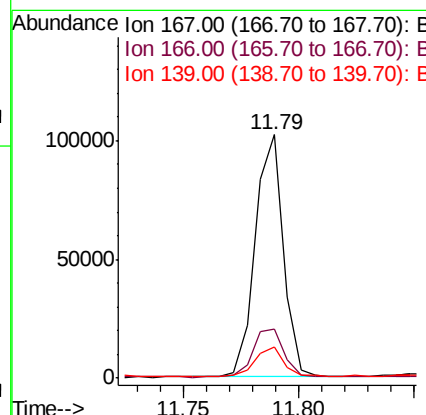
Manual Integrations
 APPROVED

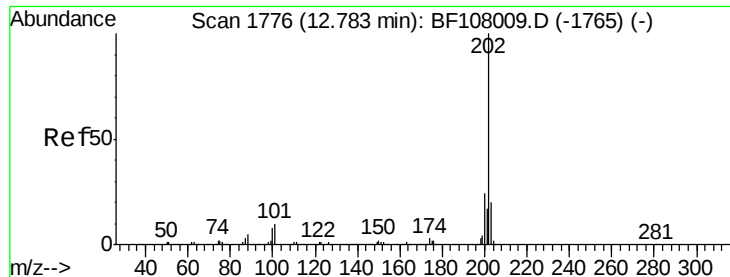
Sohil
 8/13/2018 3:51:48 PM



#72
 Carbazole
 Concen: 2.690 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.6	26.4
139	12.6	10.9	16.3





#74

Fluoranthene

Concen: 49.840 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108083.D

Acq: 10 Aug 2018 14:55

Instrument :

BNA_F

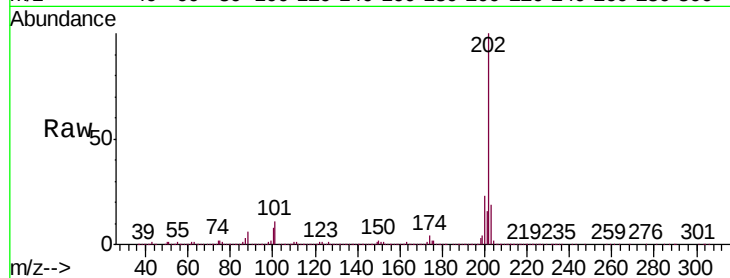
ClientSampleId :

2018-NYSEG-CLARK-AREA-11B

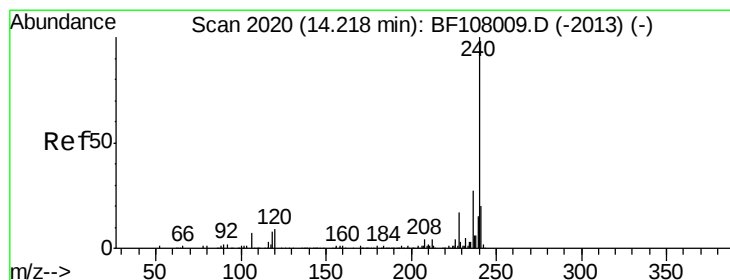
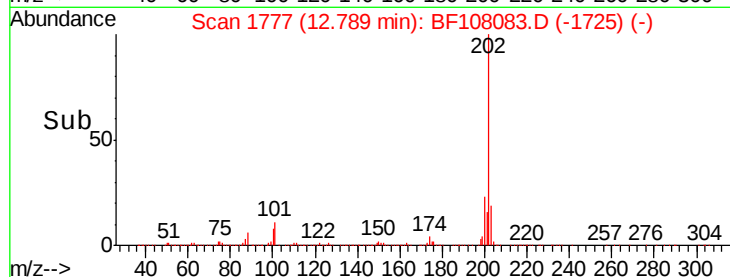
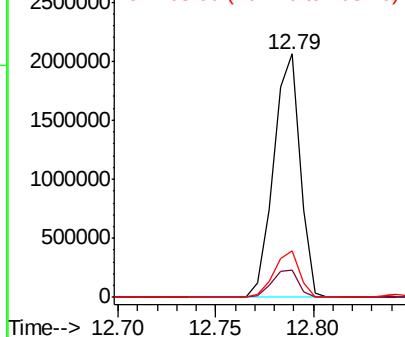
Tgt Ion:	202	Resp:	1939970
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	19.3	0.0	38.1

Manual Integrations
APPROVED

Sohil
8/13/2018 3:51:48 PM



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

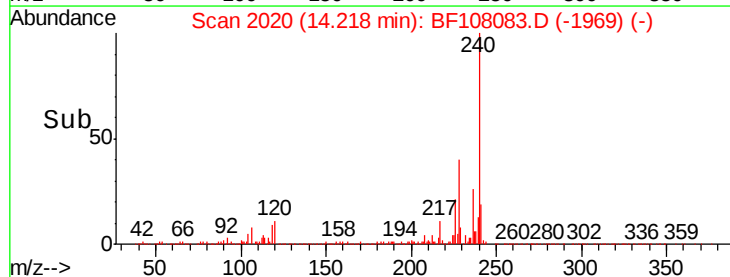
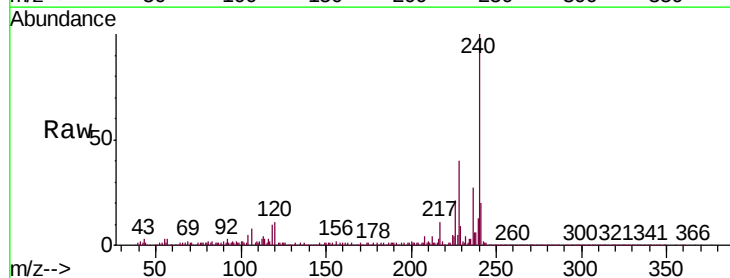
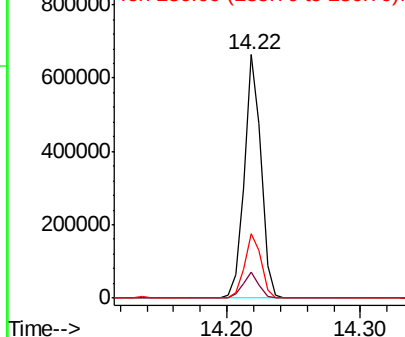
Delta R.T. 0.00 min

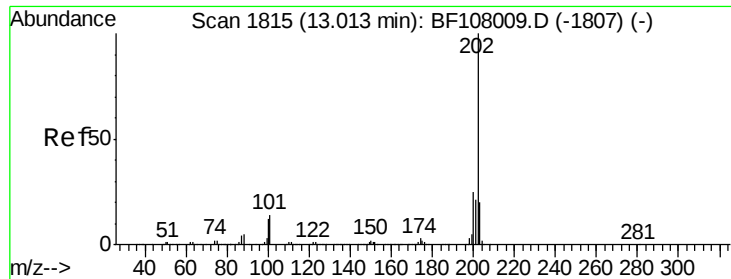
Lab File: BF108083.D

Acq: 10 Aug 2018 14:55

Tgt Ion:	240	Resp:	566708
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.6	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





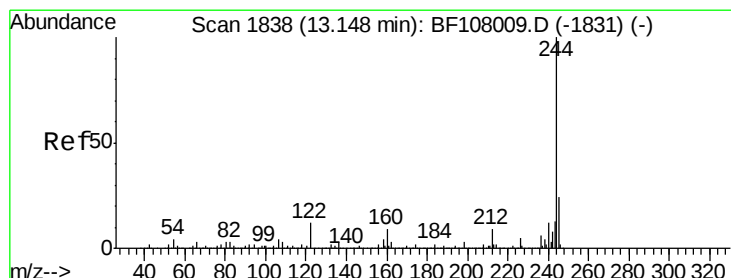
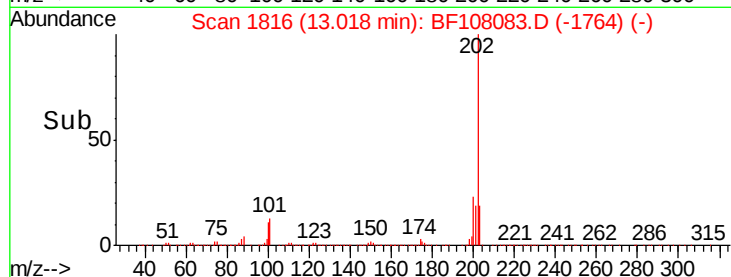
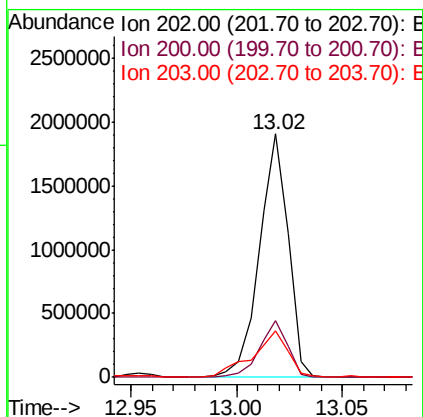
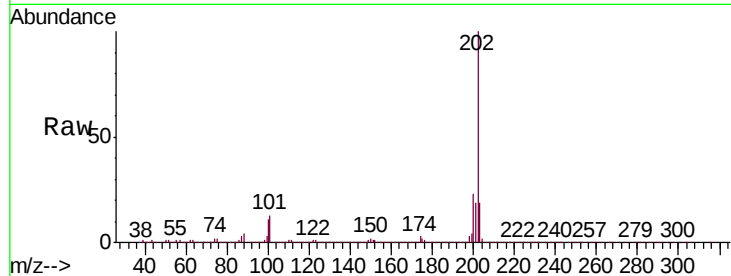
#77
Pyrene
Concen: 50.332 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	19.3	14.3	21.5

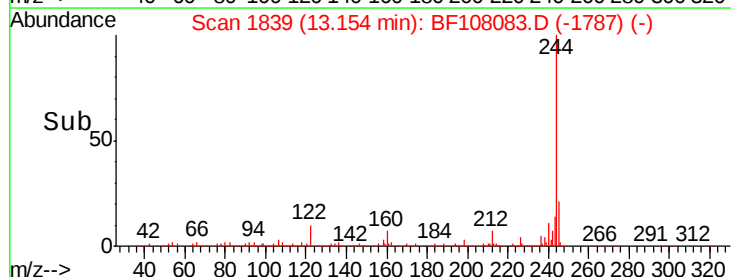
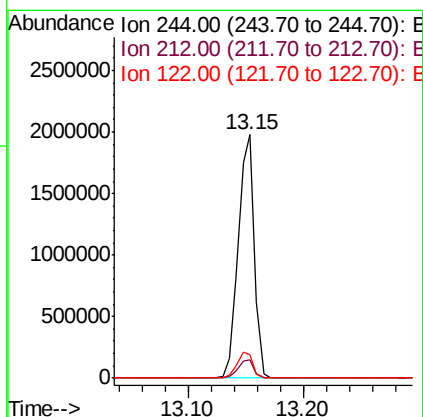
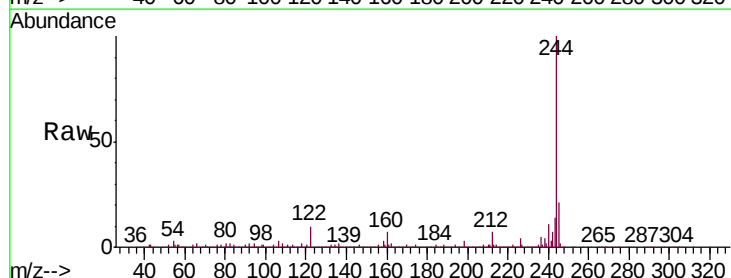
Manual Integrations
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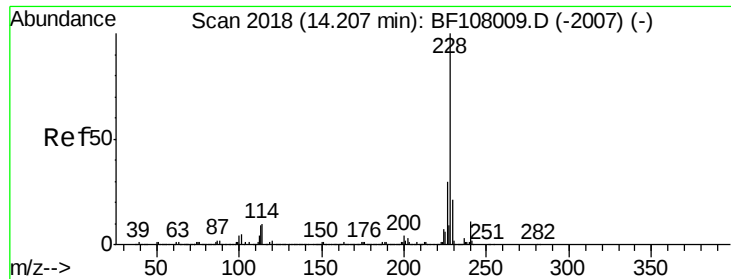
Sohil
8/13/2018 3:51:48 PM



#78
Terphenyl-d14
Concen: 85.192 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.8	11.0	16.4





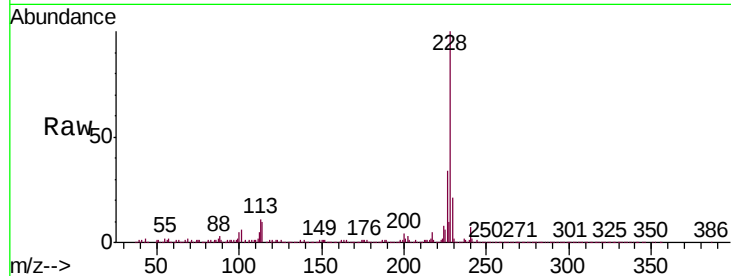
#80
Benzo(a)anthracene
Concen: 28.666 ng m
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	21.1	15.8	23.6

Manual Integrations
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8/13/2018 3:51:48 PM

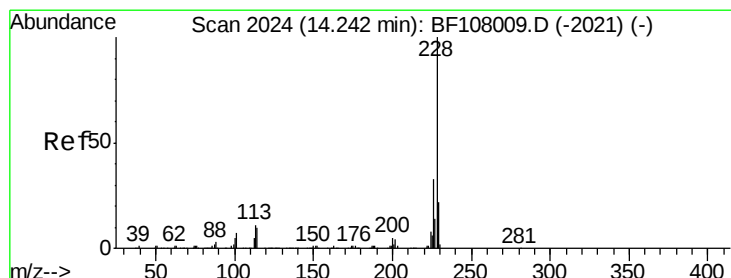
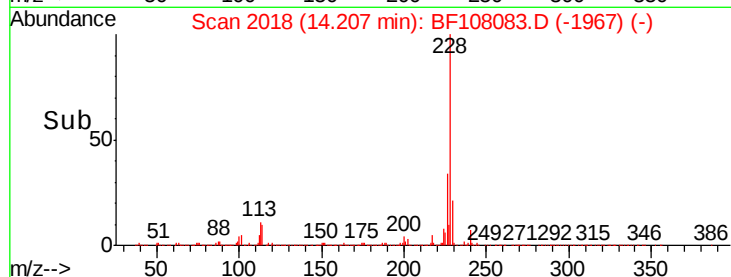
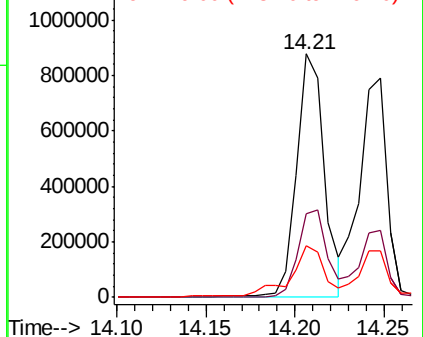


Abundance

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: 27.909 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

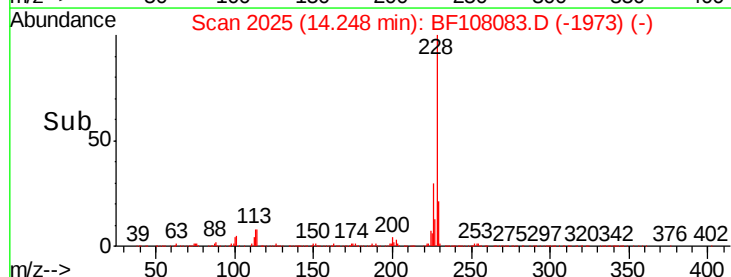
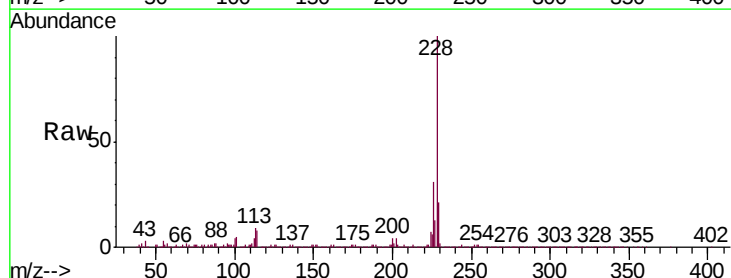
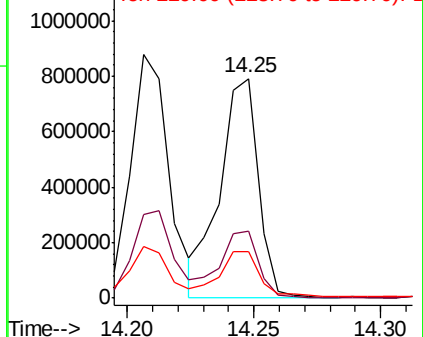
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.1	16.2	24.4

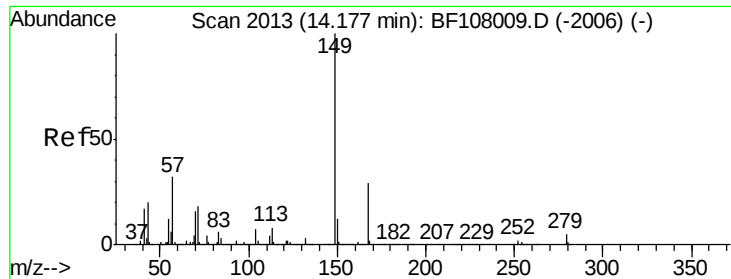
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





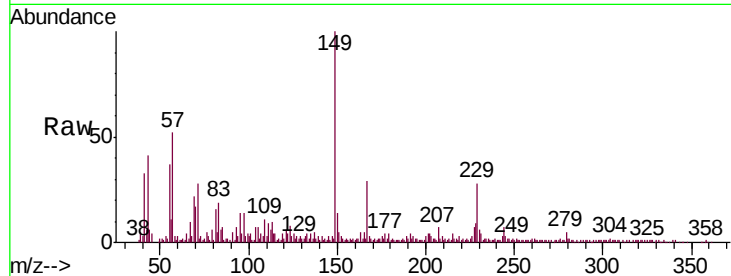
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.125 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

Instrument :
 BNA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.6	21.3	31.9
279	5.0	3.0	4.4#

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 8/13/2018 3:51:48 PM

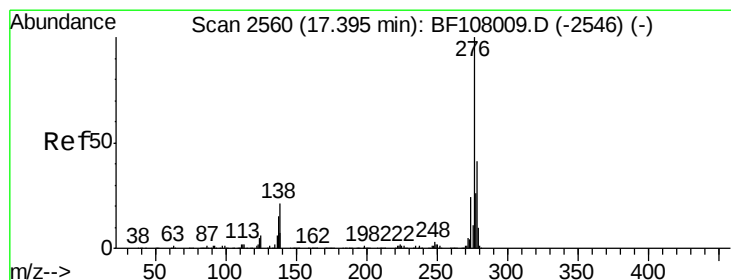
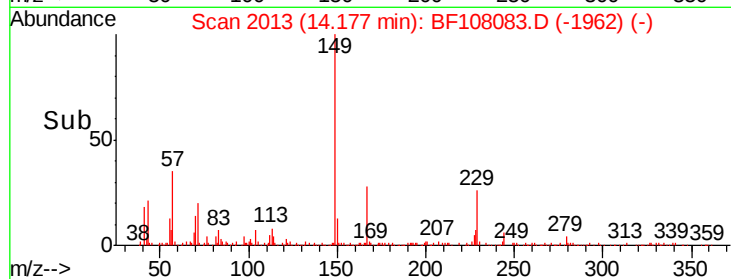
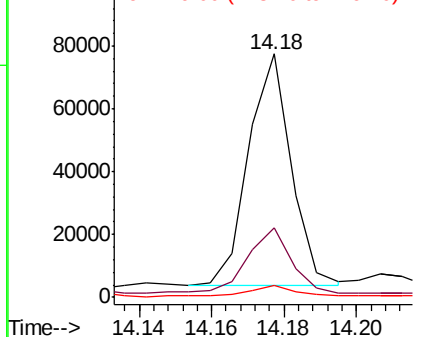


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.554 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108083.D
 Acq: 10 Aug 2018 14:55

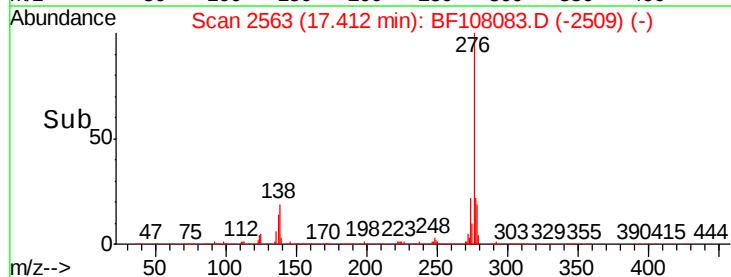
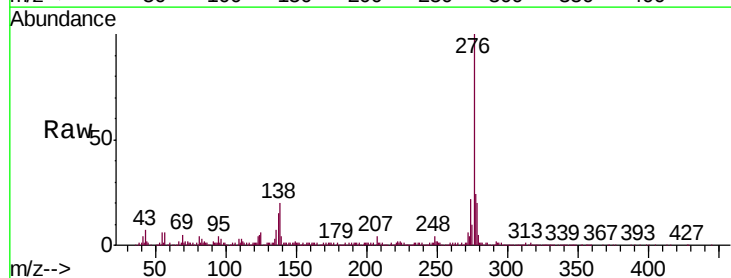
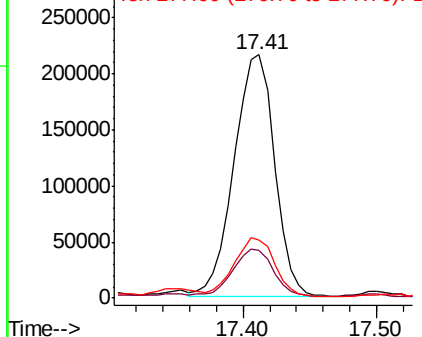
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.1	25.0	37.6#
277	24.6	20.1	30.1

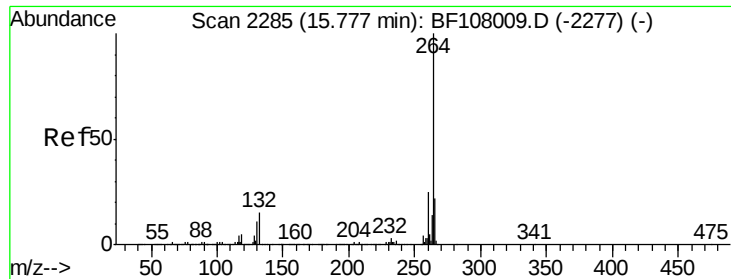
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





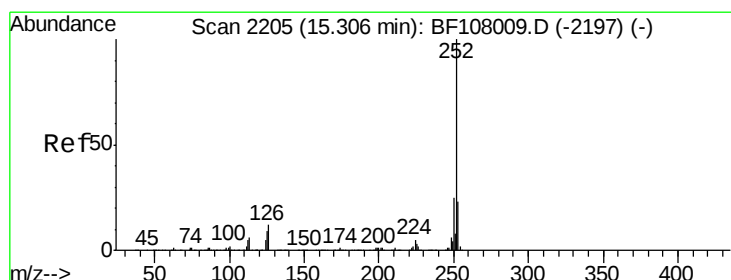
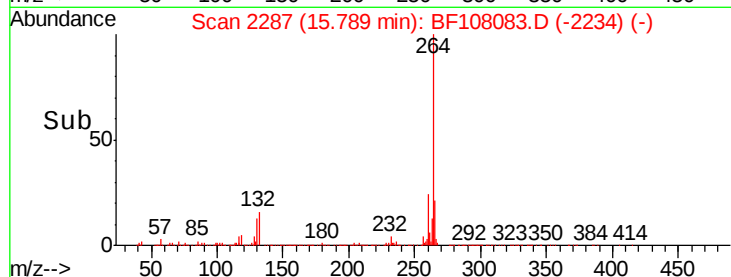
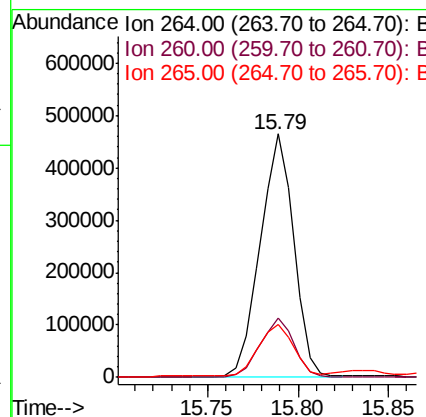
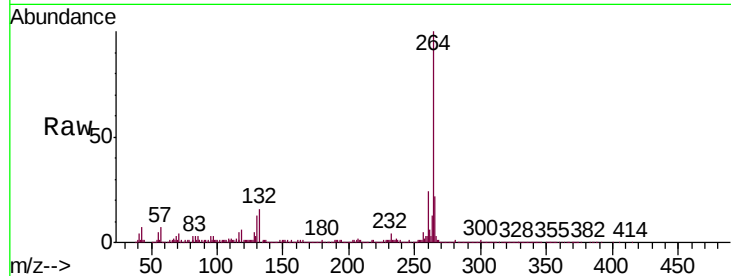
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3

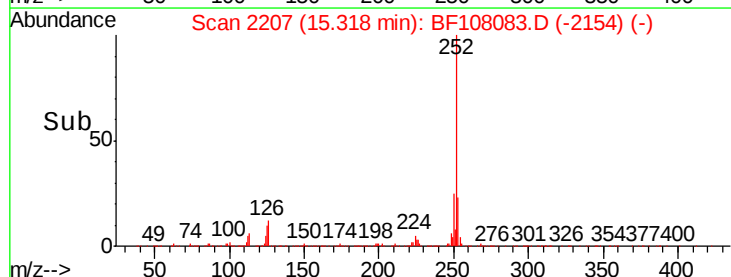
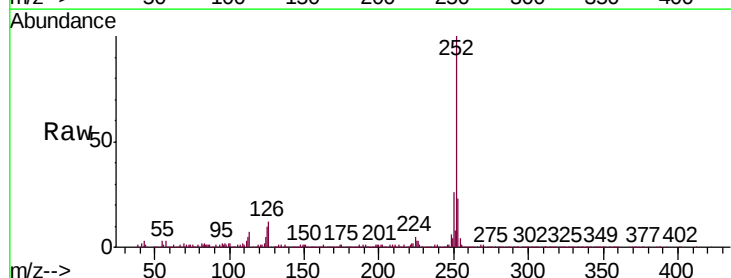
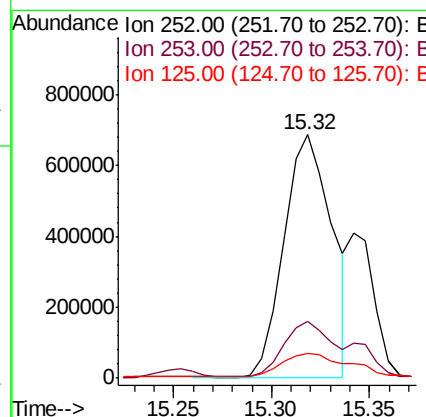
Manual Integrations
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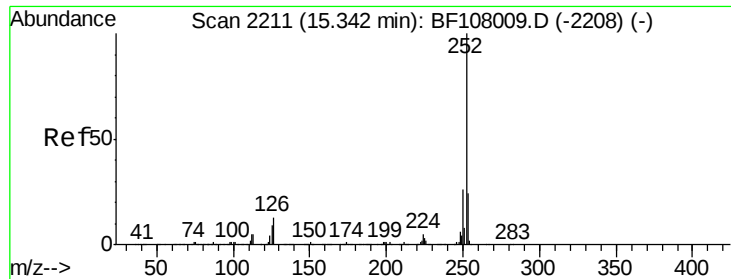
Sohil
8/13/2018 3:51:48 PM



#87
Benzo(b)fluoranthene
Concen: 33.096 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.3	9.0	13.6





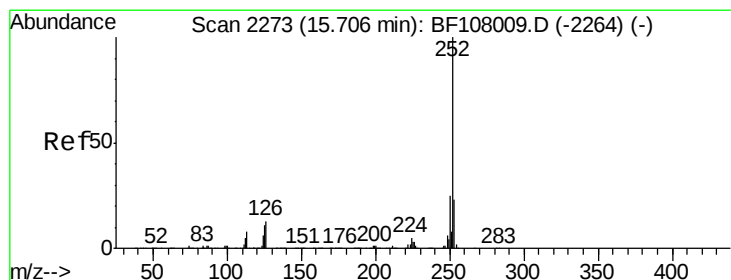
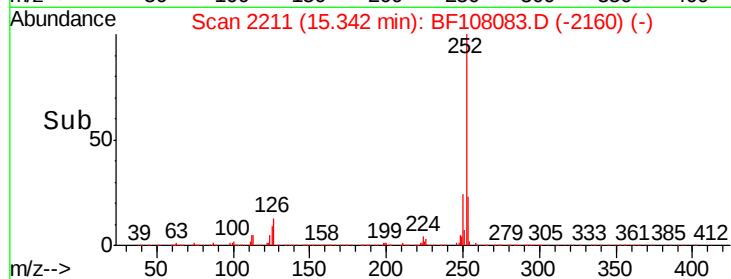
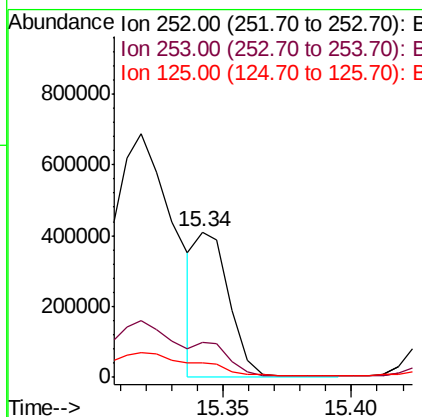
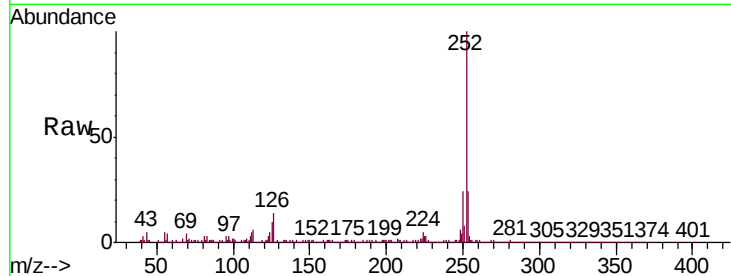
#88
Benzo(k)fluoranthene
Concen: 11.440 ng m
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.4	10.2	15.2

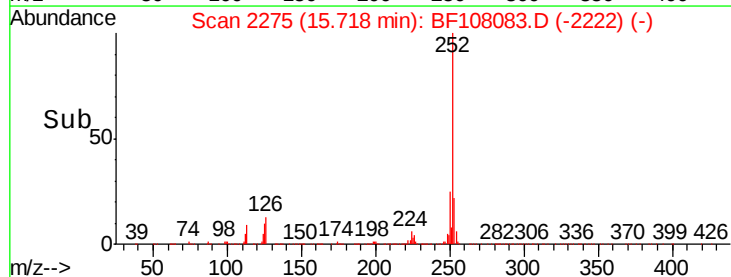
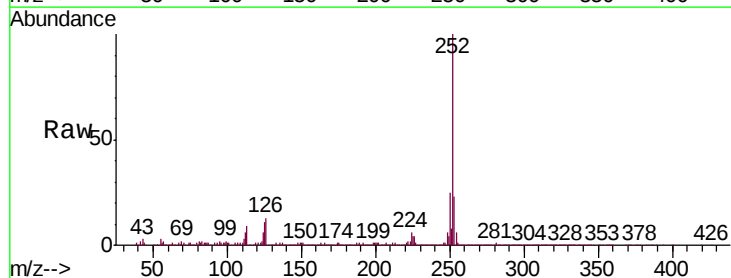
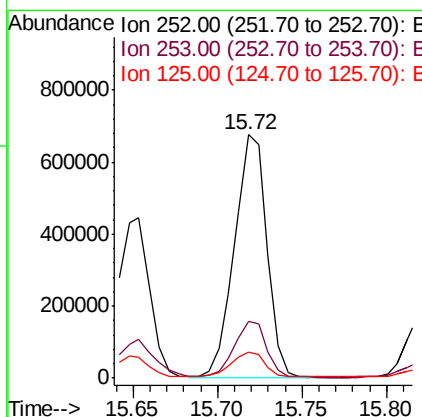
Manual Integrations
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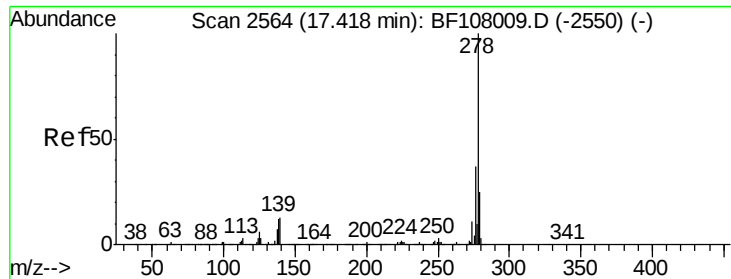
Sohil
8/13/2018 3:51:48 PM



#89
Benzo(a)pyrene
Concen: 28.238 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.9	9.8	14.6





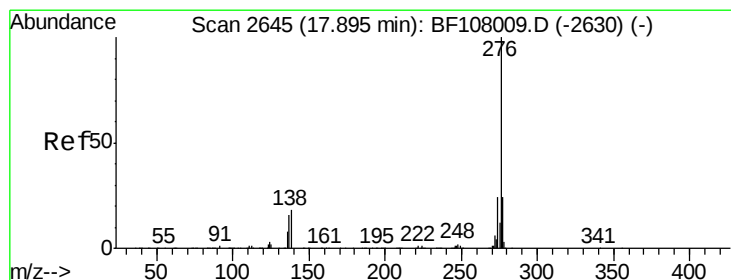
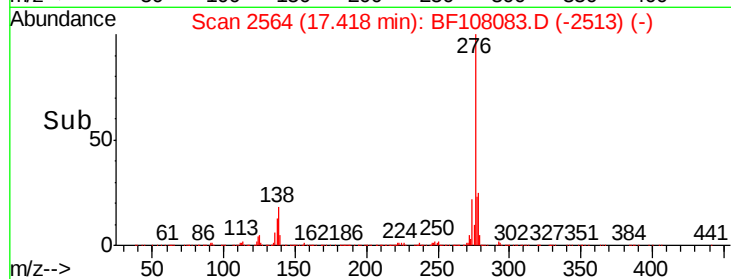
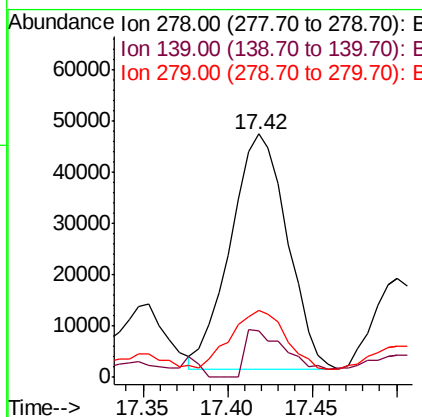
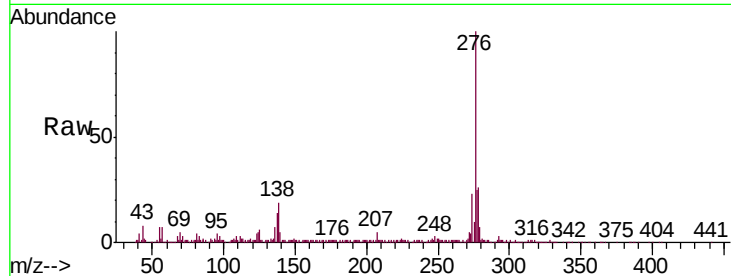
#90
Dibenzo(a,h)anthracene
Concen: 4.036 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.9	23.9
279	27.4	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/13/2018 3:51:48 PM



#91
Benzo(g,h,i)perylene
Concen: 16.286 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108083.D
Acq: 10 Aug 2018 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.7	21.8	32.8#

