

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109285.D
 Acq On : 25 Sep 2018 15:07
 Operator : JU/SJ
 Sample : J5042-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A12-B1

Manual Integrations
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 9/26/2018 3:40:53 PM

Quant Time: Sep 26 09:38:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118242	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	464515	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	219066	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	379117	20.00	ng	0.00
75) Chrysene-d12	13.86	240	275906	20.00	ng	0.01
86) Perylene-d12	15.26	264	289607	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	267909	37.32	ng	0.00
7) Phenol-d6	6.34	99	347531	37.94	ng	-0.02
23) Nitrobenzene-d5	7.26	82	214307	27.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	80390	37.23	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	429900	29.60	ng	-0.01
78) Terphenyl-d14	12.80	244	334079	29.72	ng	0.00
Target Compounds						
31) Naphthalene	8.01	128	60875	2.804	ng	99
48) Acenaphthylene	9.60	152	68304	3.175	ng	97
49) Dimethylphthalate	9.46	163	138653	8.702	ng	99
51) Acenaphthene	9.77	154	52945	4.071	ng	99
57) Fluorene	10.29	166	72829	5.277	ng	97
70) Phenanthrene	11.25	178	733817	38.766	ng	99
71) Anthracene	11.29	178	366853	19.108	ng	100
74) Fluoranthene	12.44	202	1577079	77.961	ng	96
77) Pyrene	12.66	202	1389826	70.286	ng	99
80) Benzo(a)anthracene	13.84	228	974045m	58.611	ng	
82) Chrysene	13.88	228	745396	45.253	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	97037	9.146	ng	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	324028m	24.269	ng	
87) Benzo(b)fluoranthene	14.87	252	914882m	57.490	ng	
88) Benzo(k)fluoranthene	14.89	252	367868m	24.361	ng	
89) Benzo(a)pyrene	15.21	252	721655	50.326	ng	96
90) Dibenzo(a,h)anthracene	16.62	278	87661	7.452	ng	92
91) Benzo(g,h,i)perylene	17.02	276	256530	22.188	ng	# 91

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

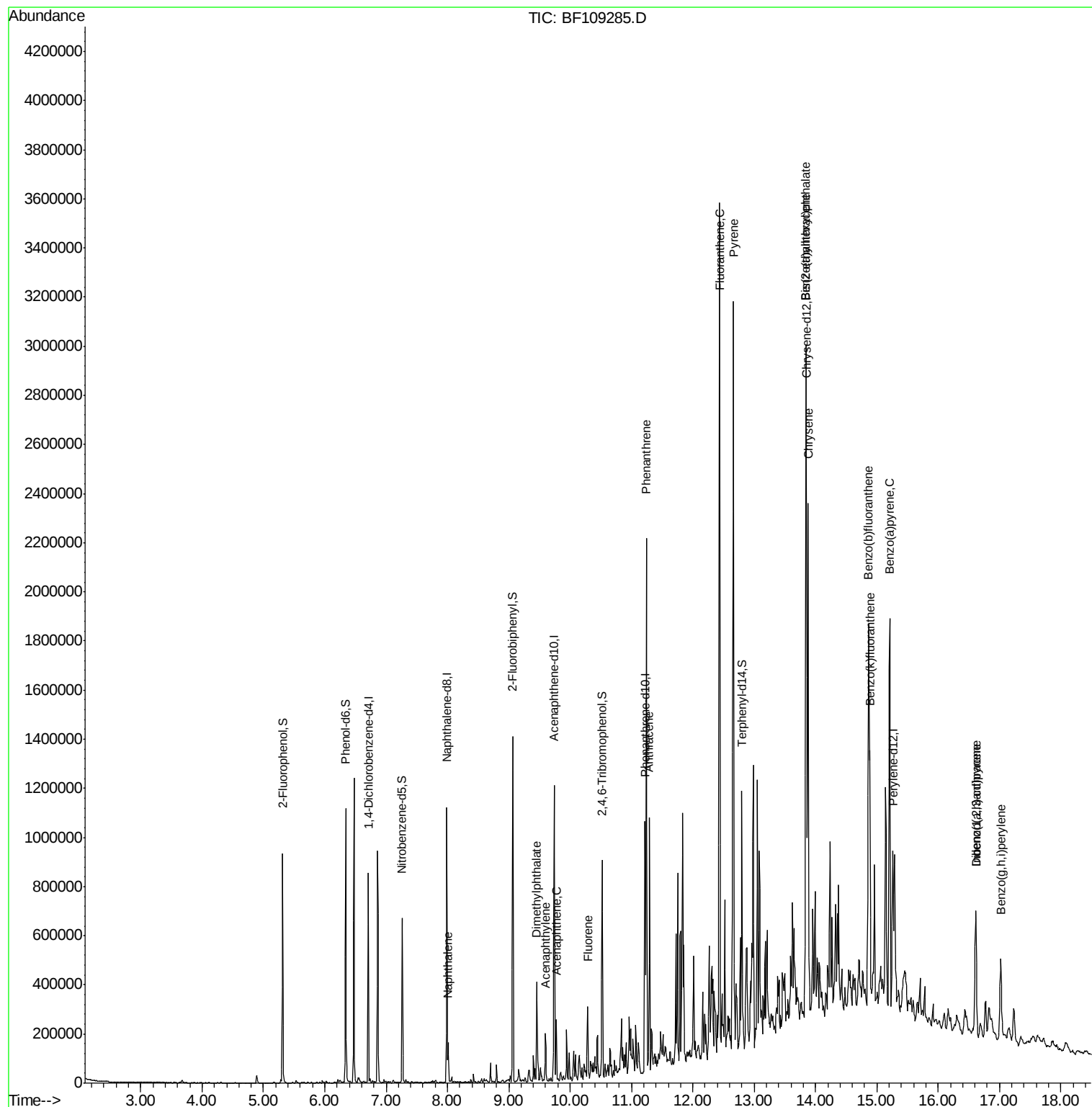
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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ALS Vial : 5 Sample Multiplier: 1

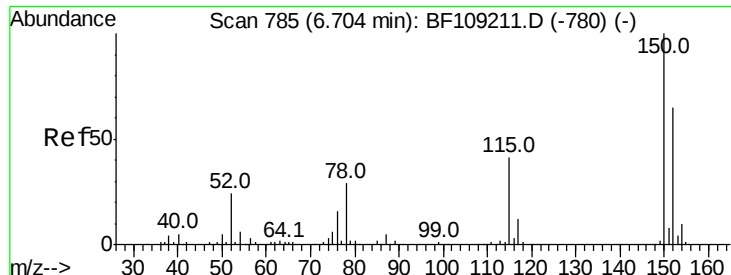
Instrument :
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ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

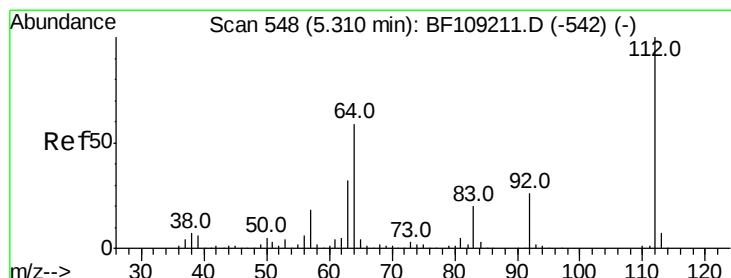
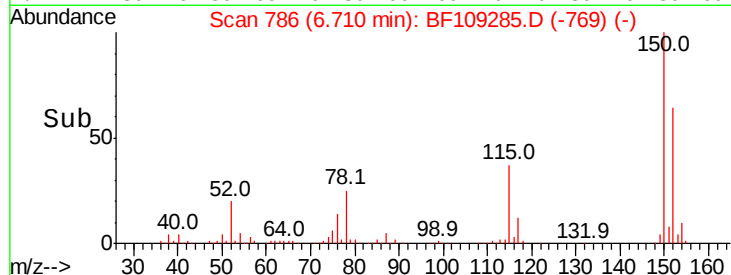
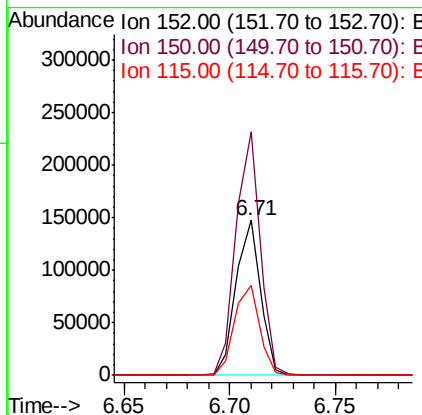
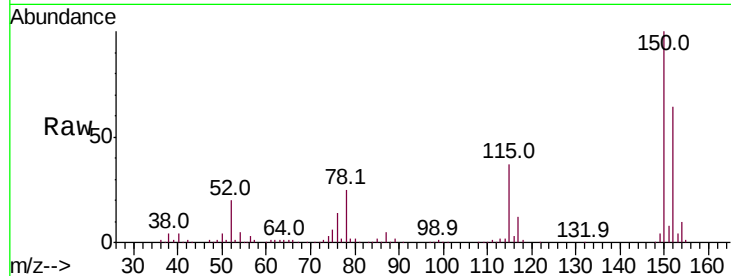
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.0	50.1	75.1

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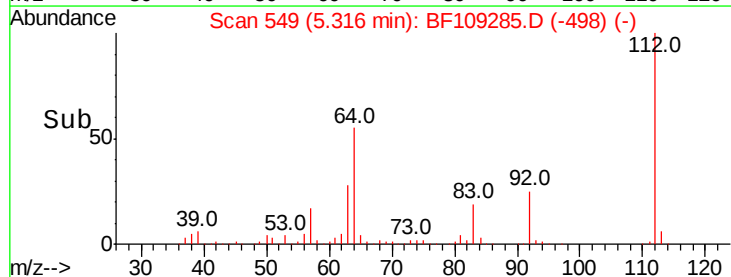
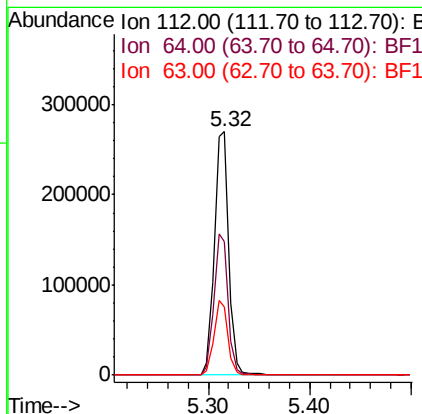
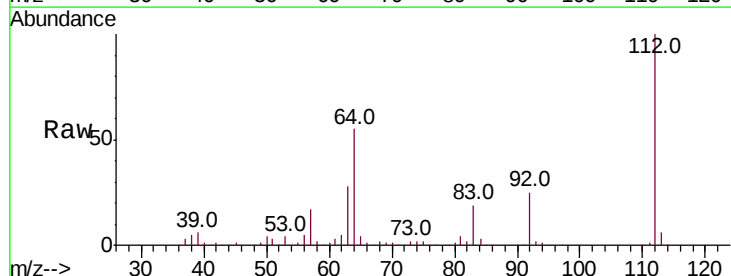
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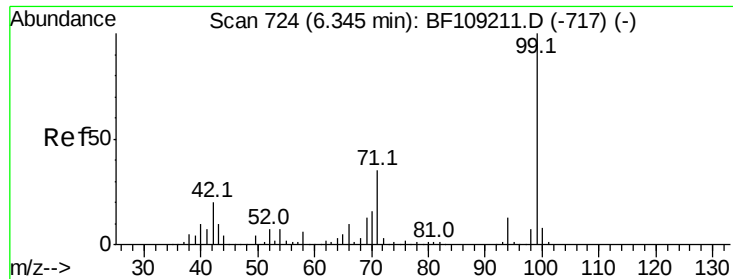


#5

2-Fluorophenol
 Concen: 37.319 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 37.938 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109285.D

Acq: 25 Sep 2018 15:07

Instrument :

BNA_F

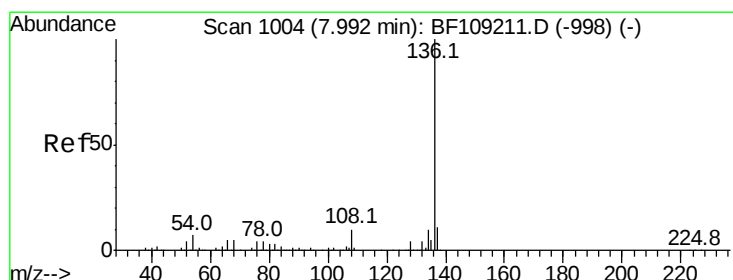
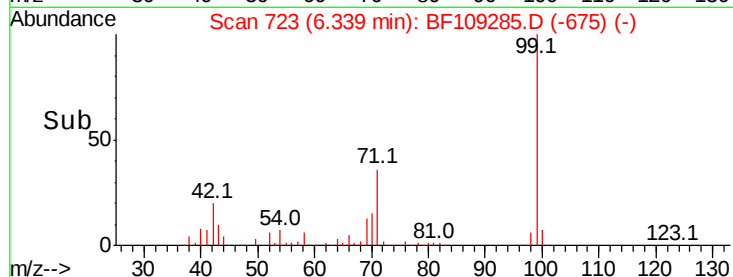
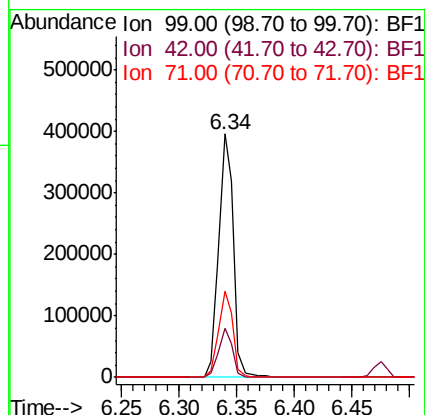
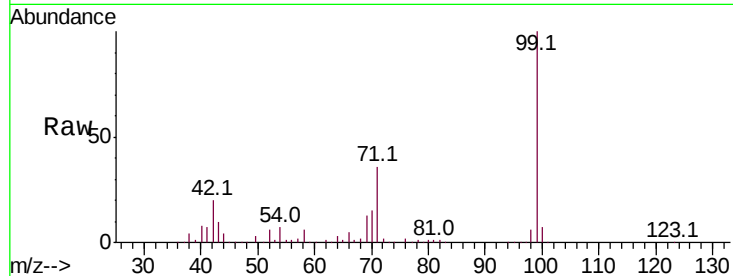
ClientSampleId :

NYSEG-CLRK-PH4-A12-B1

Tot Ion:	99	Resp:	347531
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	35.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

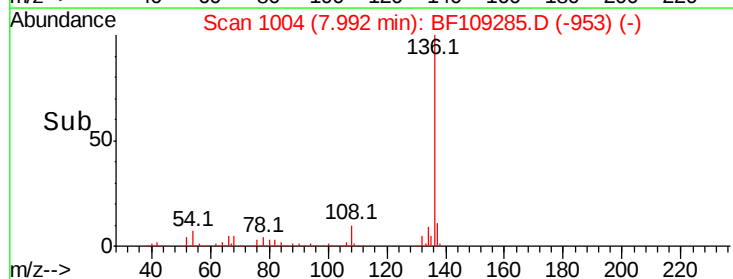
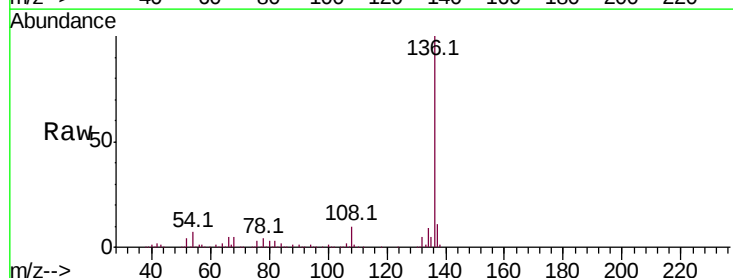
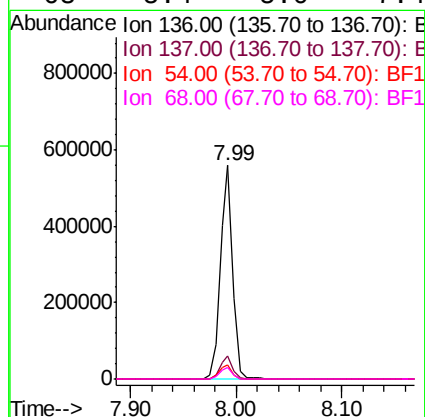
RT: 7.99 min Scan# 1004

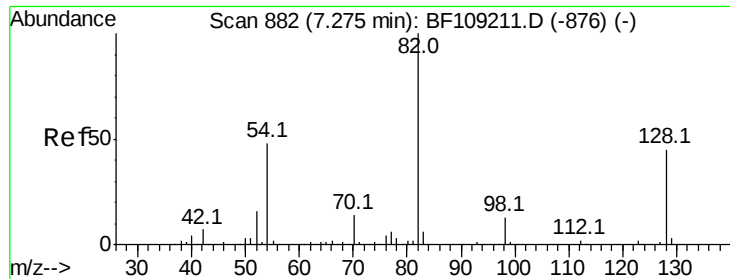
Delta R.T. 0.00 min

Lab File: BF109285.D

Acq: 25 Sep 2018 15:07

Tgt Ion:	136	Resp:	464515
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.4	5.0	7.4





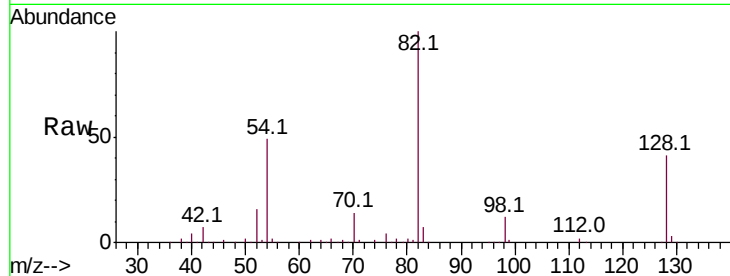
#23
Nitrobenzene-d5
Concen: 27.235 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

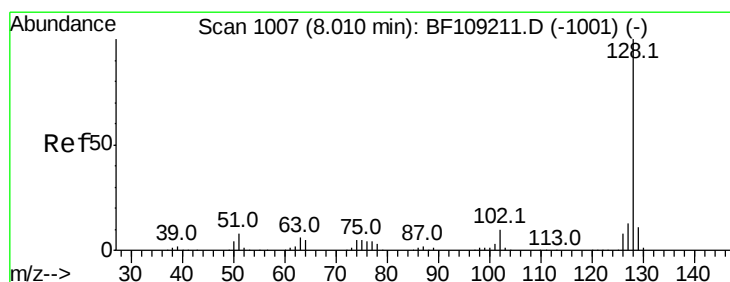
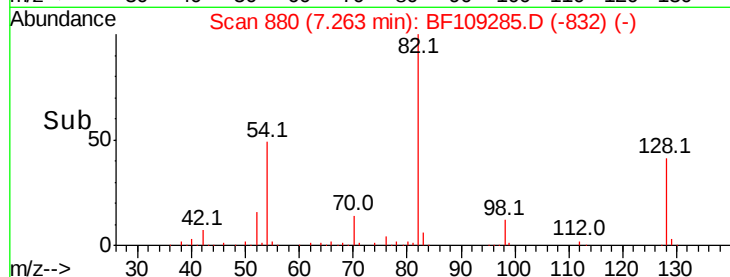
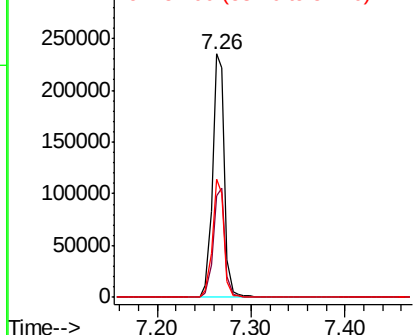
Tot Ion	82	Resp	214307
Ion Ratio	100	Lower	Upper
128	41.5	36.1	54.1
54	48.6	41.4	62.2

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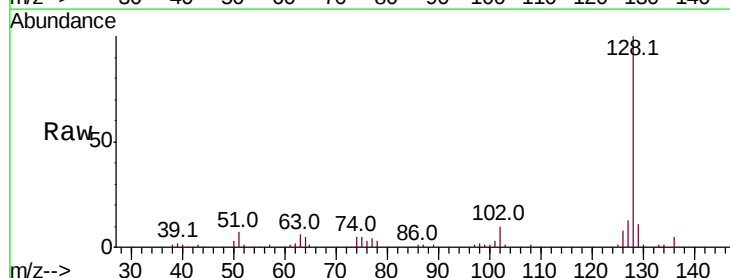


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

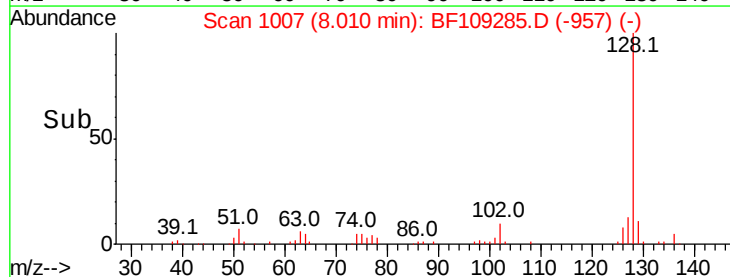
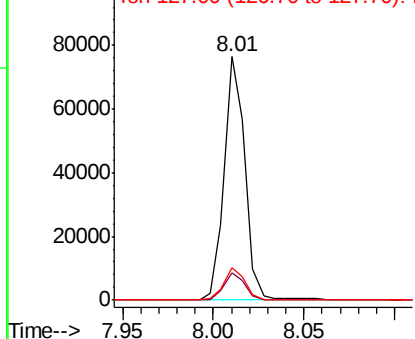


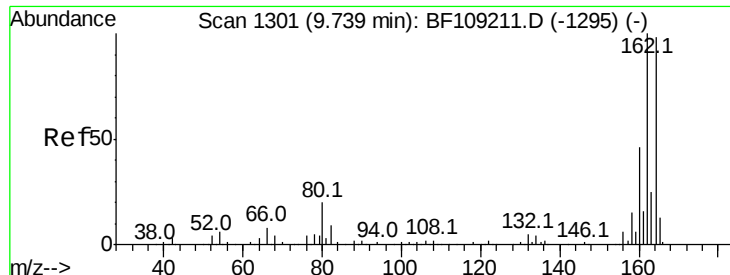
#31
Naphthalene
Concen: 2.804 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	128	Resp	60875
Ion Ratio	100	Lower	Upper
129	11.0	8.8	13.2
127	13.1	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





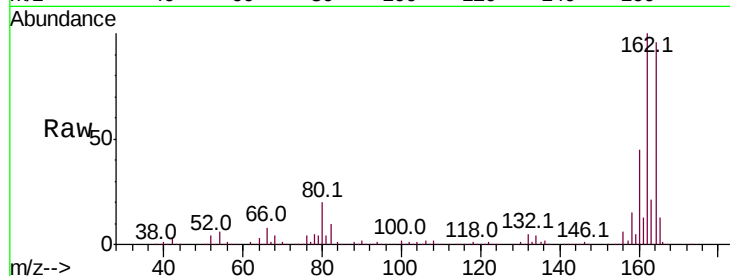
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

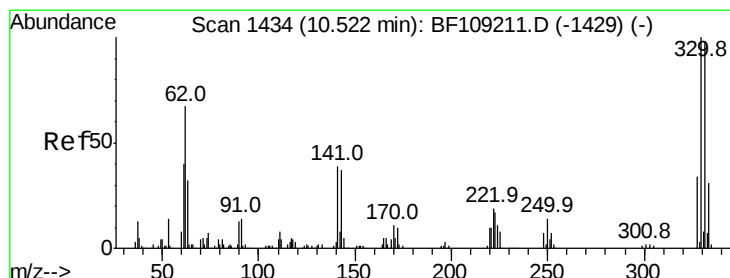
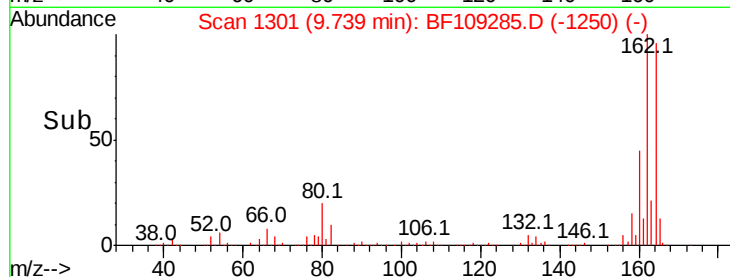
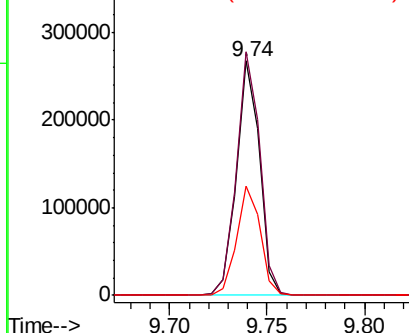
Tot Ion	Ratio	Resp	Lower	Upper
164	100	219066		
162	103.9	86.1	129.1	
160	46.6	38.3	57.5	

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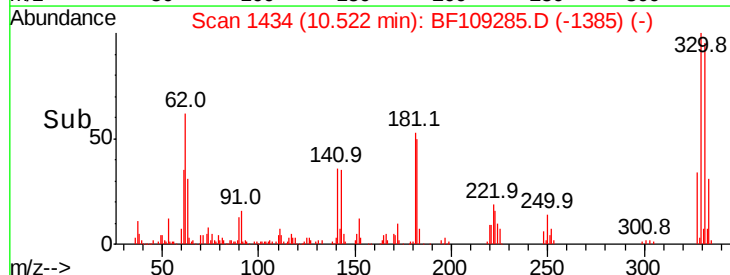
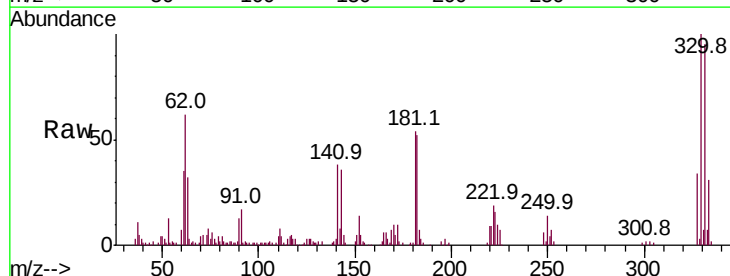
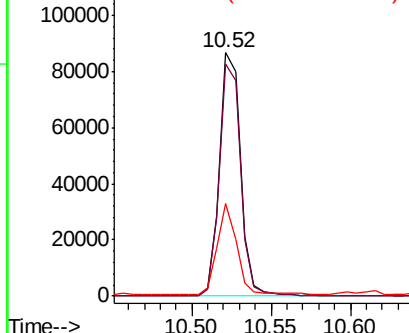
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

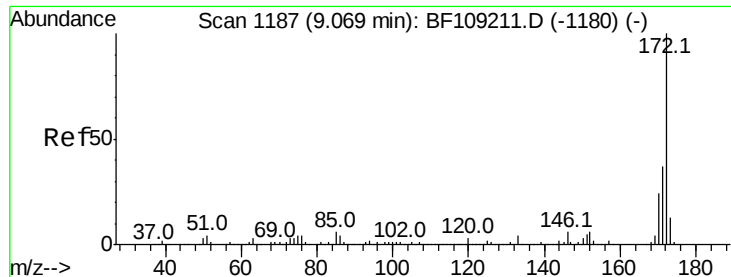


#41
2,4,6-Tribromophenol
Concen: 37.226 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	80390		
332	95.8	77.0	115.6	
141	34.2	29.9	44.9	

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





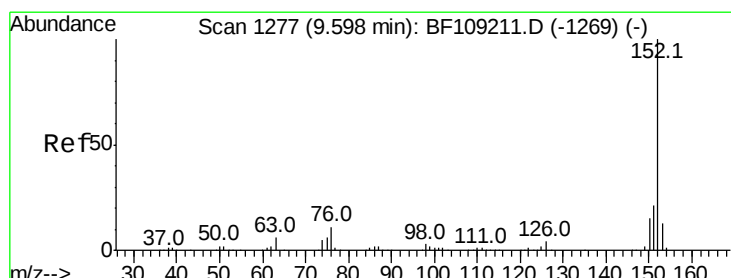
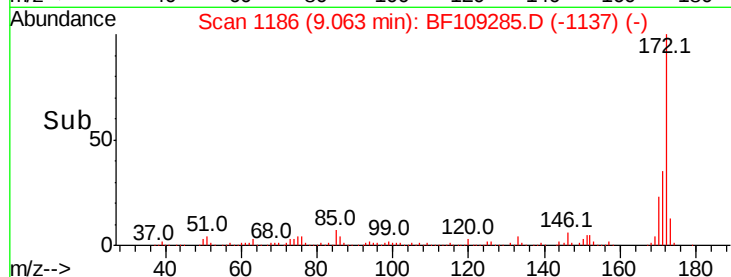
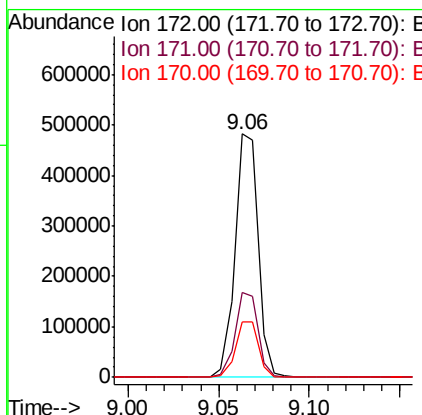
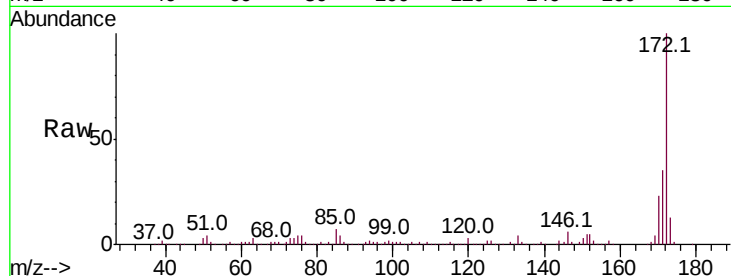
#44
2-Fluorobiphenyl
Concen: 29.597 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.9	19.6	29.4

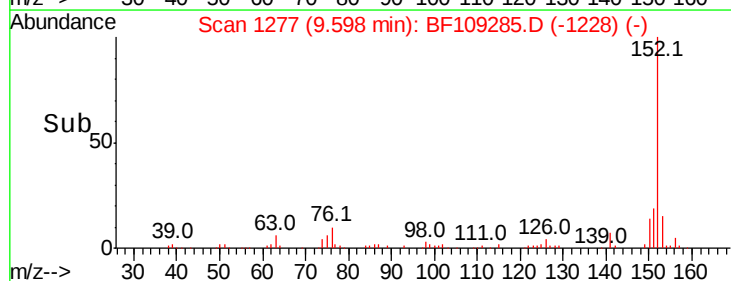
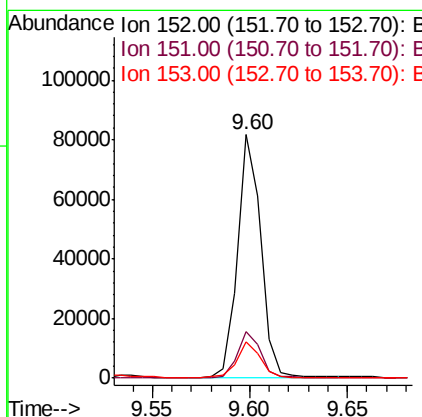
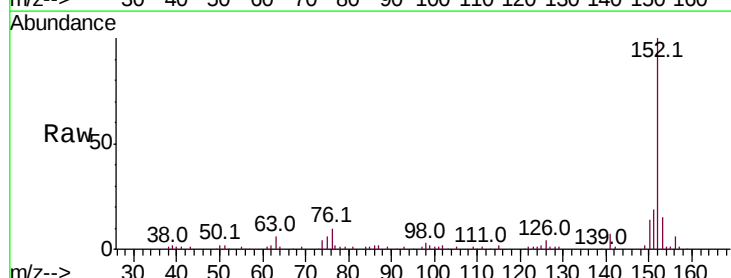
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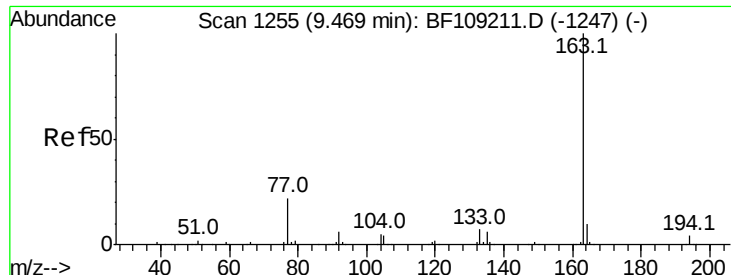
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#48
Acenaphthylene
Concen: 3.175 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	14.8	10.7	16.1





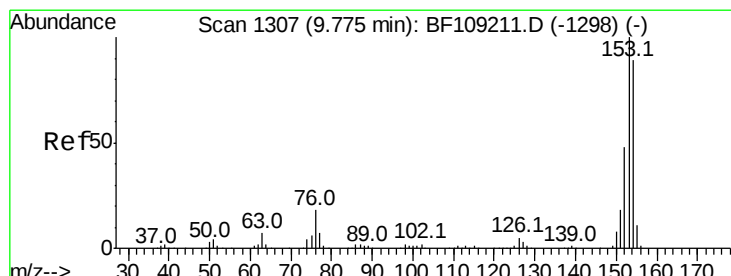
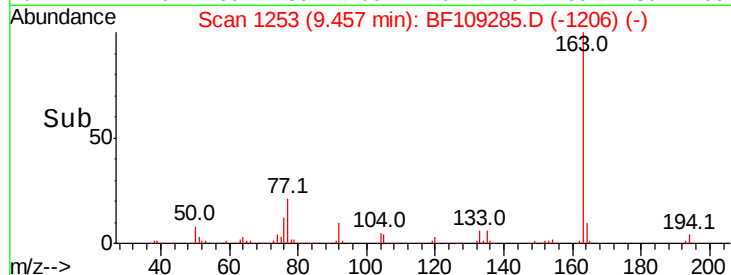
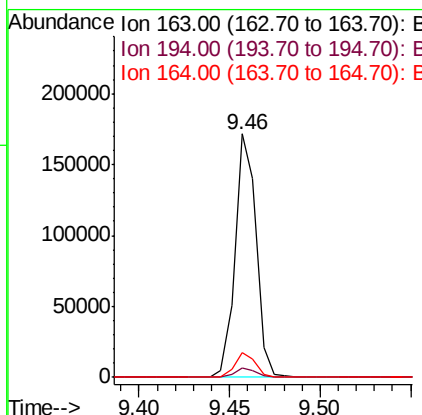
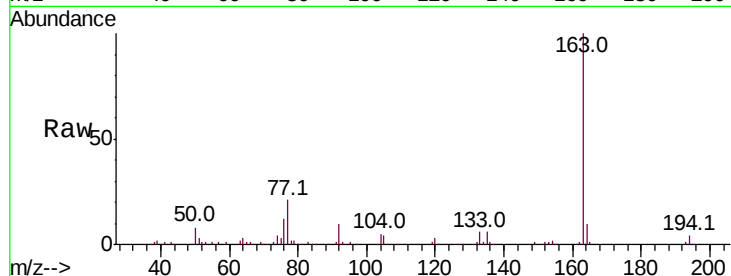
#49
Dimethylphthalate
Concen: 8.702 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	10.0	8.2	12.2	

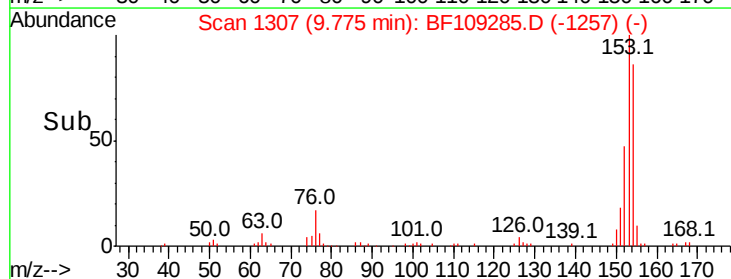
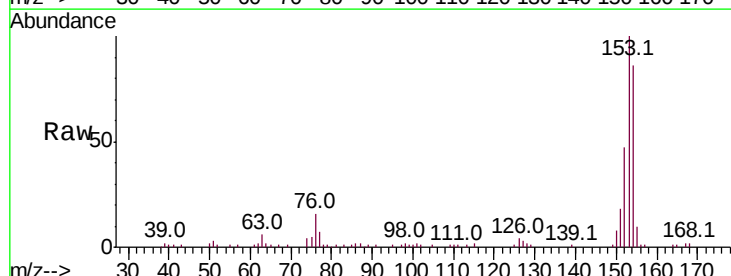
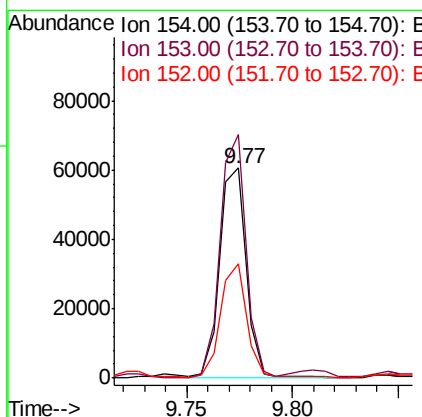
Manual Integrations
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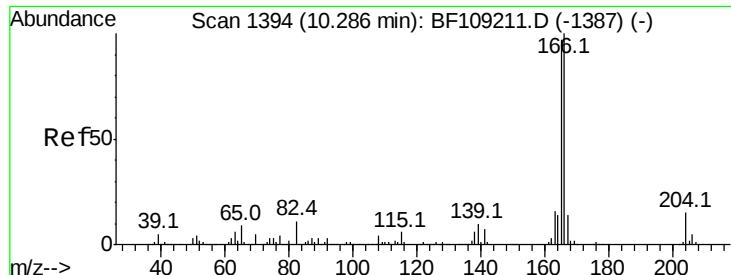
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#51
Acenaphthene
Concen: 4.071 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.9	91.2	136.8	
152	54.4	43.8	65.8	





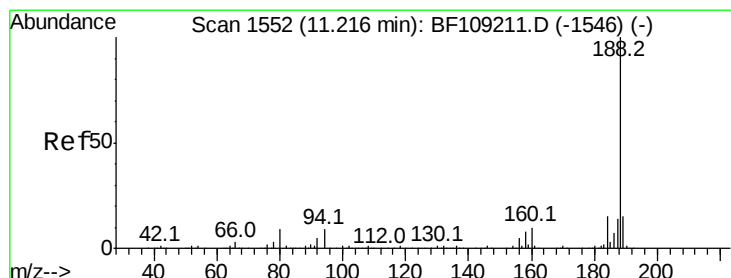
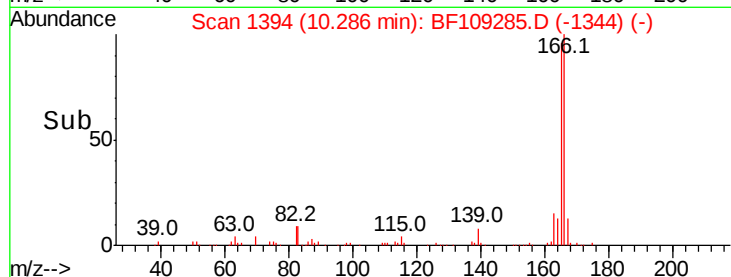
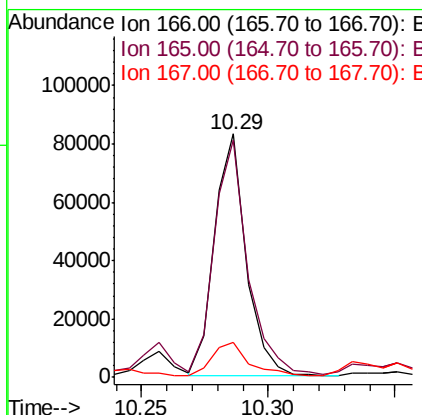
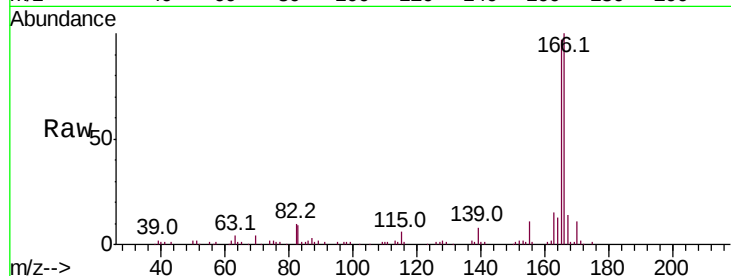
#57
Fluorene
 Concen: 5.277 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	14.4	10.6	16.0

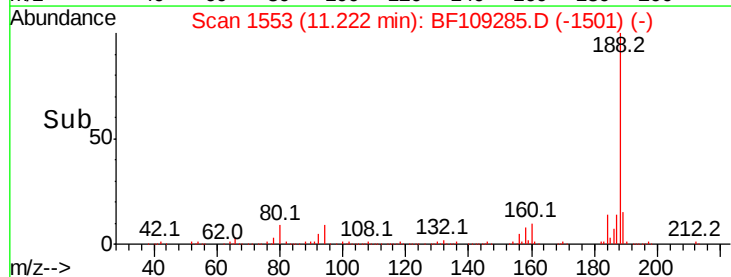
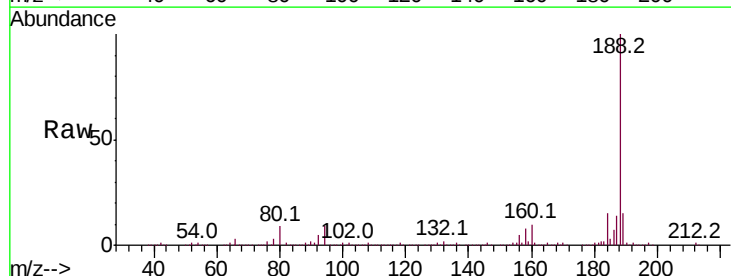
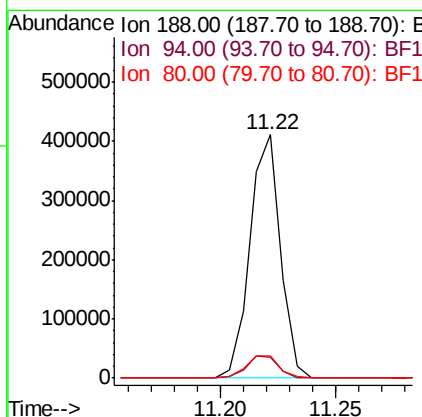
Manual Integrations
 APPROVED

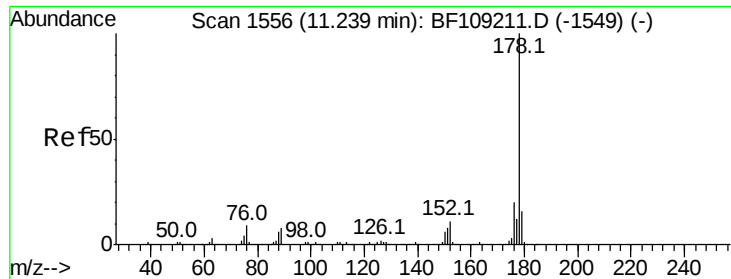
Sohil
 9/26/2018 3:40:53 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.0	9.2	13.8





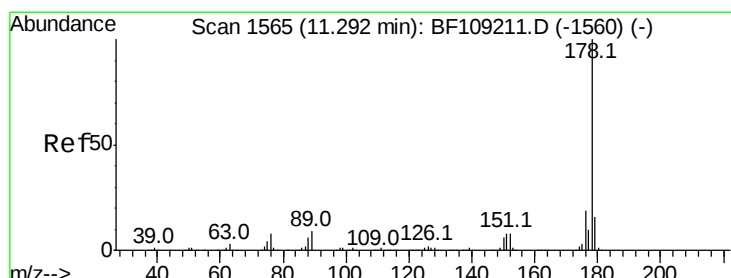
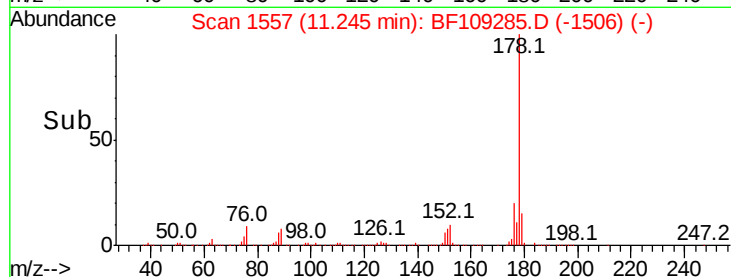
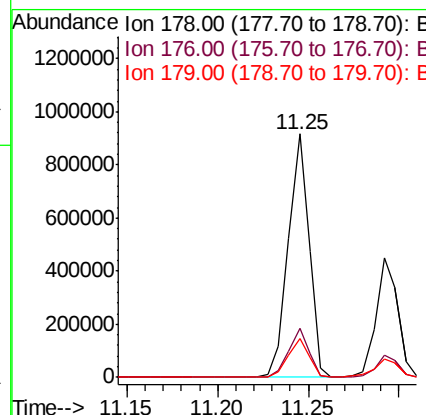
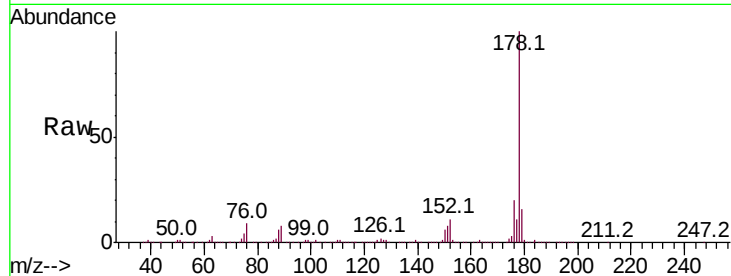
#70
Phenanthrene
Concen: 38.766 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6

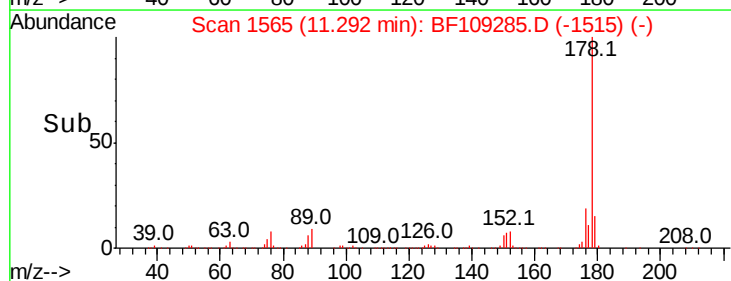
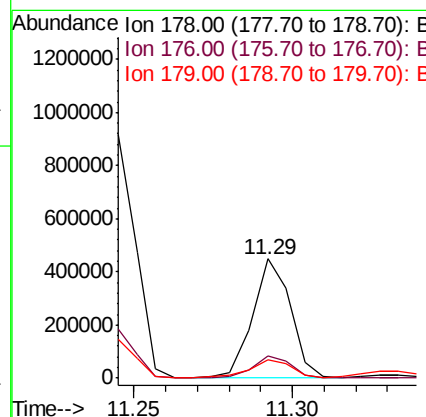
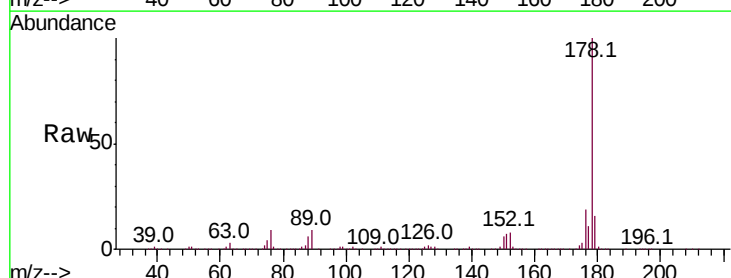
Manual Integrations
APPROVED

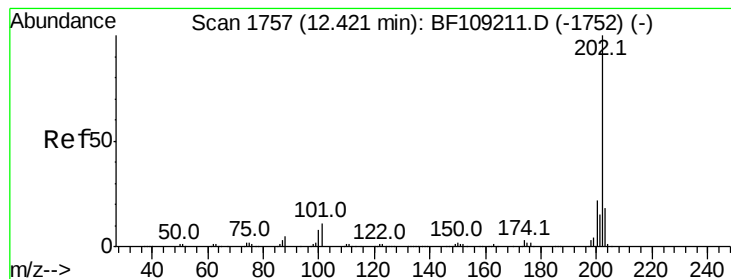
Sohil
9/26/2018 3:40:53 PM



#71
Anthracene
Concen: 19.108 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 77.961 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BF109285.D

Acq: 25 Sep 2018 15:07

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLRK-PH4-A12-B1

Tot Ion:202 Resp: 1577079

Ion Ratio Lower Upper

202 100

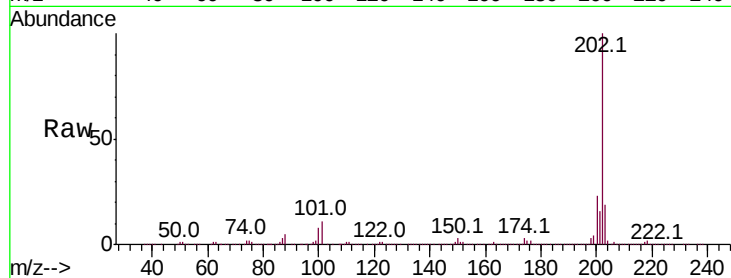
101 11.3 0.0 34.1

203 18.5 0.0 38.1

Manual Integrations
APPROVED

Sohil

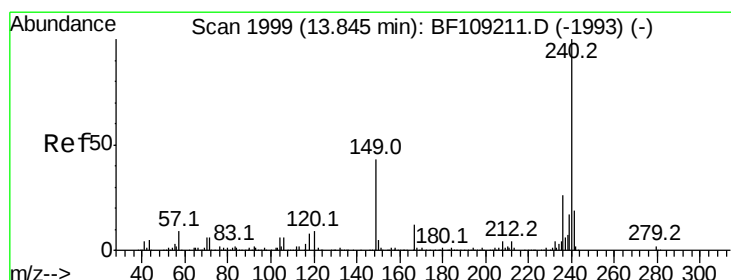
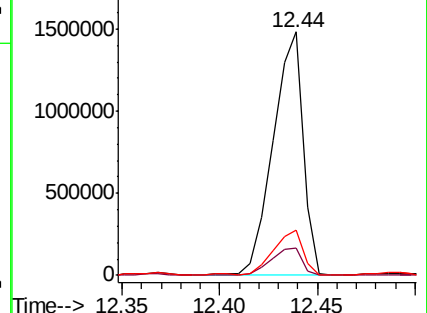
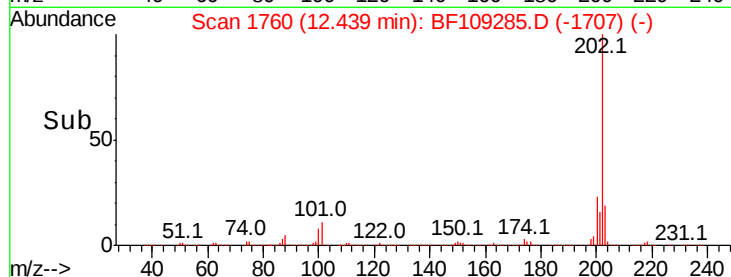
9/26/2018 3:40:53 PM



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: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF109285.D

Acq: 25 Sep 2018 15:07

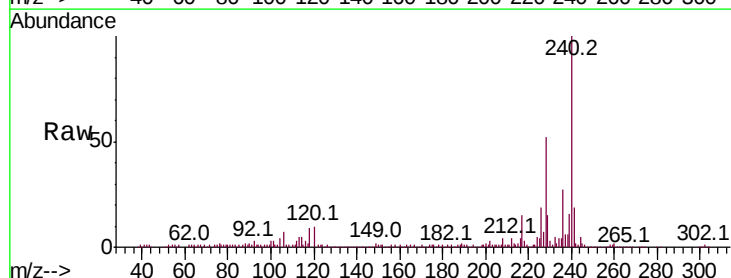
Tgt Ion:240 Resp: 275906

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

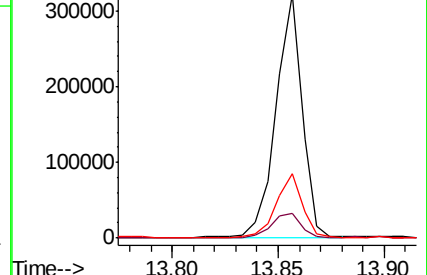
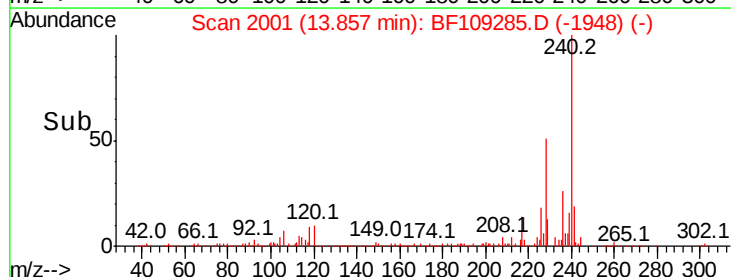
236 26.6 20.7 31.1

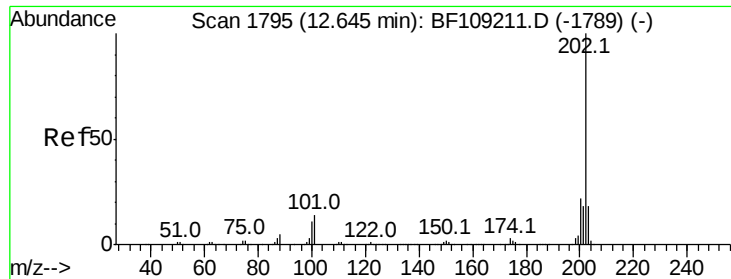


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





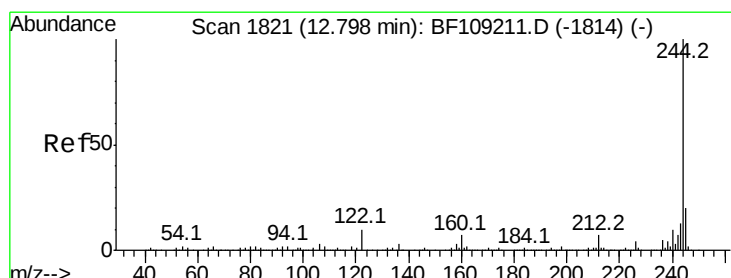
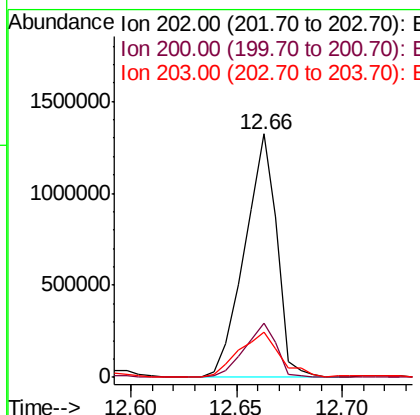
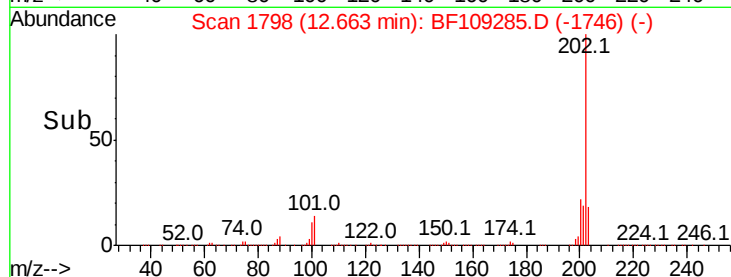
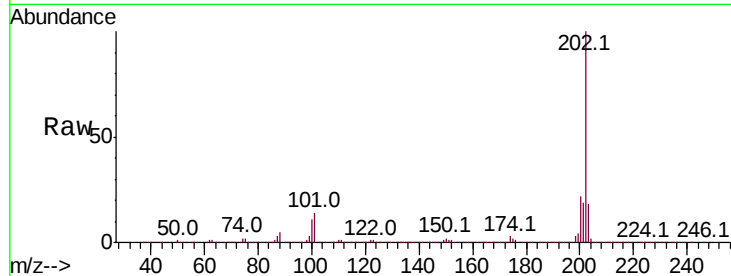
#77
Pvrene
Concen: 70.286 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.3	21.5

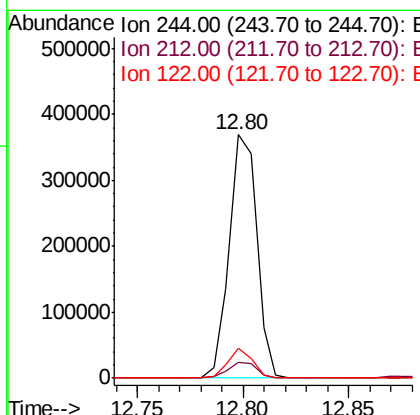
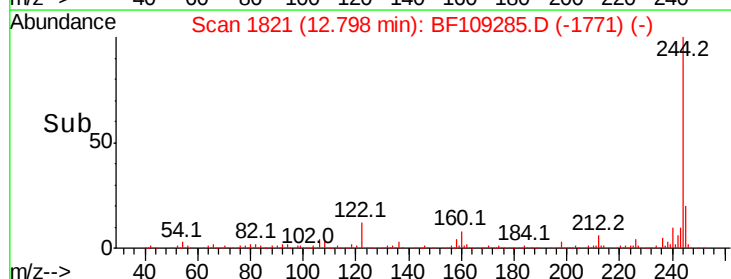
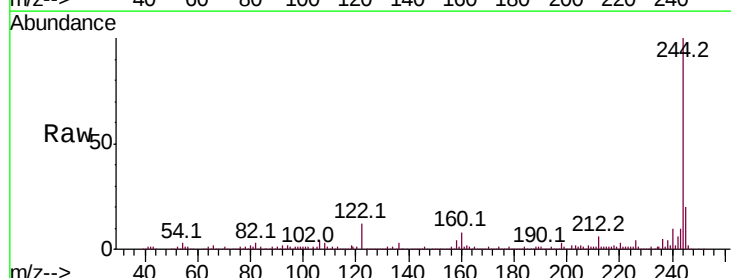
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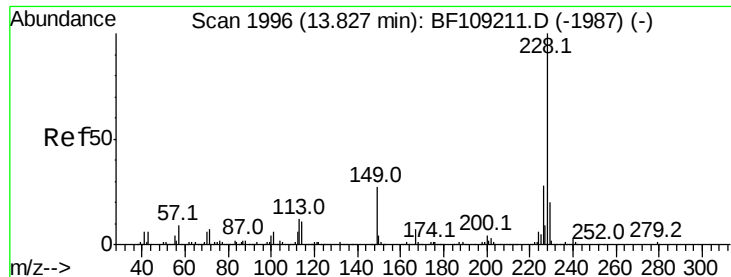
Sohil
9/26/2018 3:40:53 PM



#78
Terphenyl-d14
Concen: 29.716 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.2	11.0	16.4





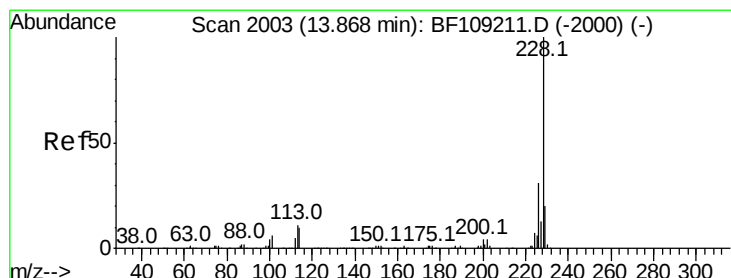
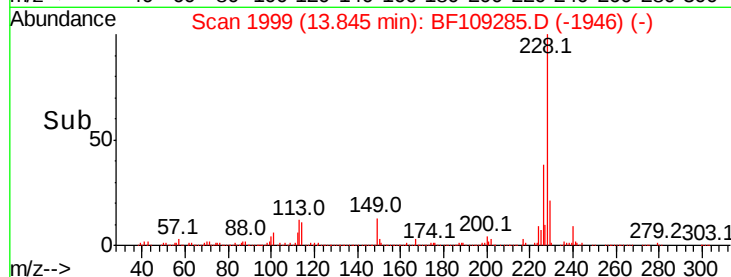
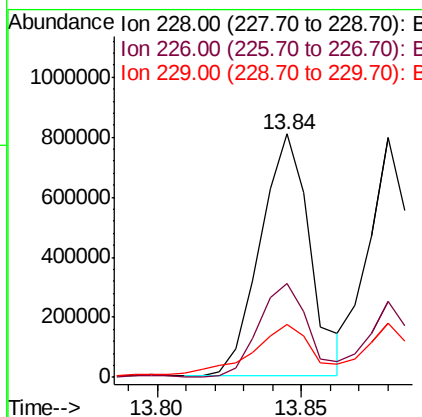
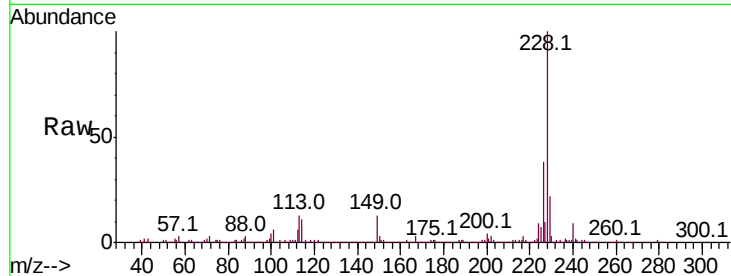
#80
Benzo(a)anthracene
Concen: 58.611 ng m
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.4	22.6	33.8#
229	21.5	15.8	23.6

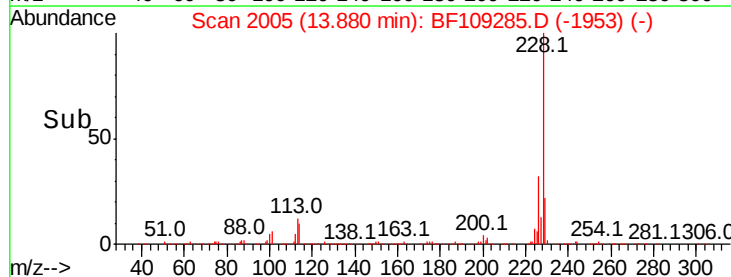
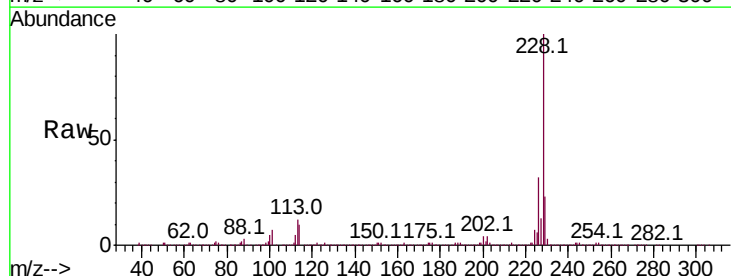
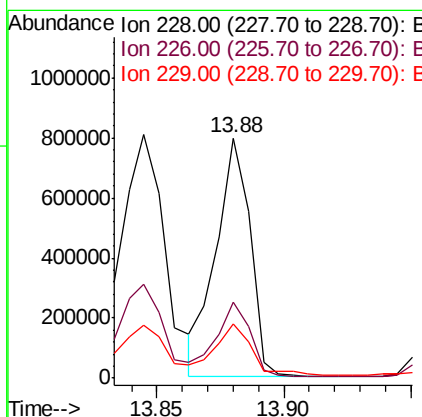
Manual Integrations
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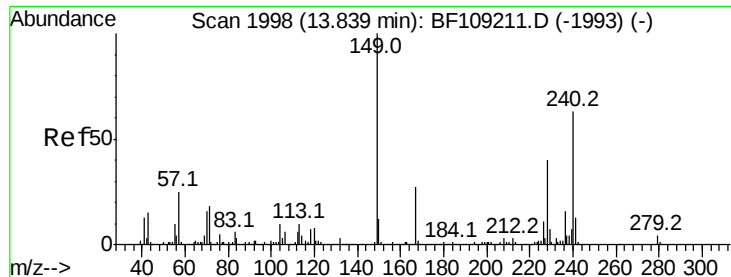
Sohil
9/26/2018 3:40:53 PM



#82
Chrysene
Concen: 45.253 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.6	16.2	24.4





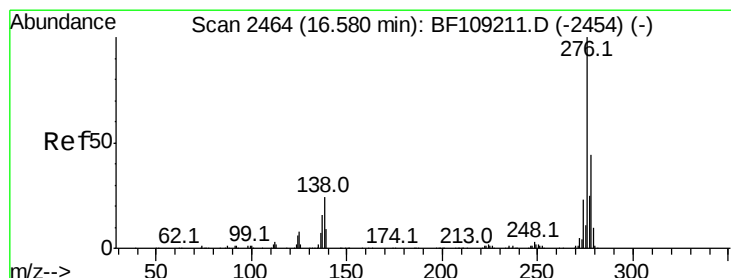
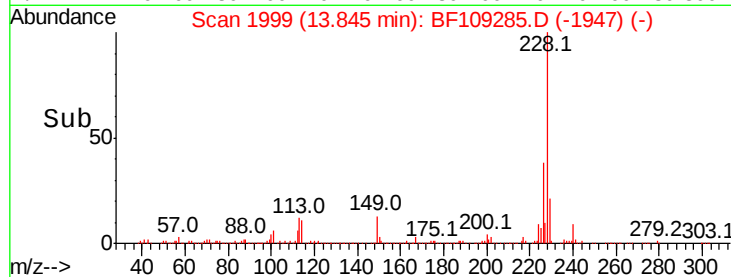
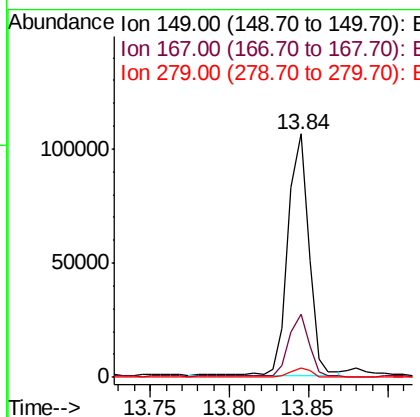
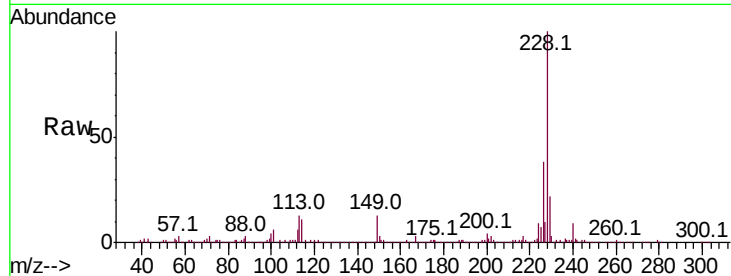
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.146 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.01 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4

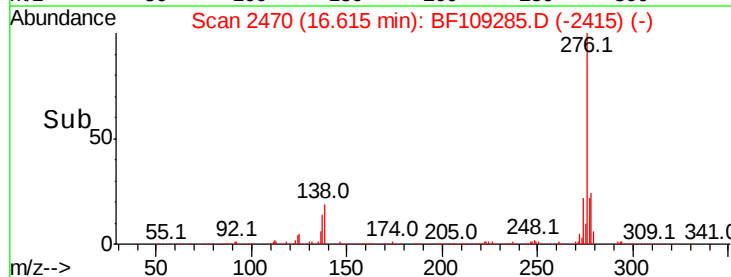
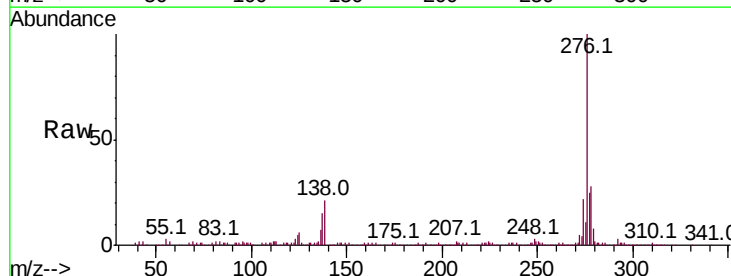
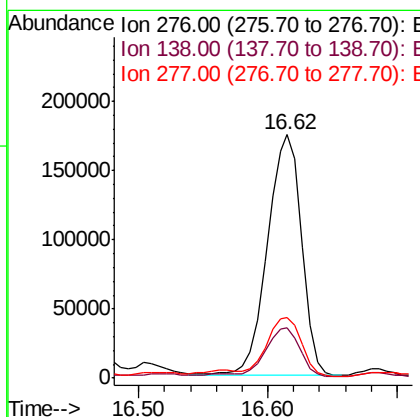
Manual Integrations
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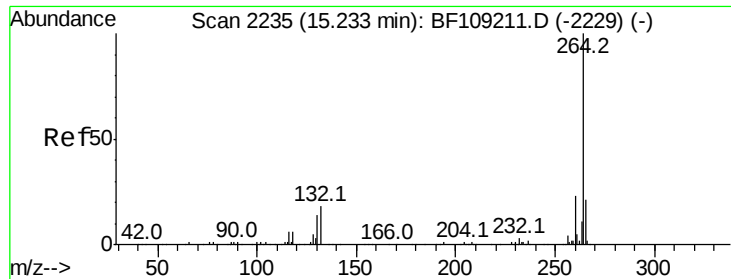
Sohil
 9/26/2018 3:40:53 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.269 ng m
 RT: 16.62 min Scan# 2470
 Delta R.T. 0.02 min
 Lab File: BF109285.D
 Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.3	25.0	37.6#
277	1.1	20.1	30.1#





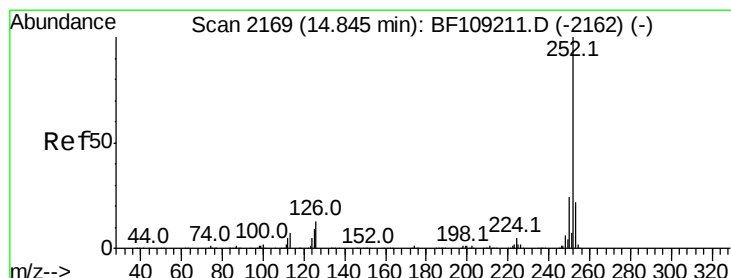
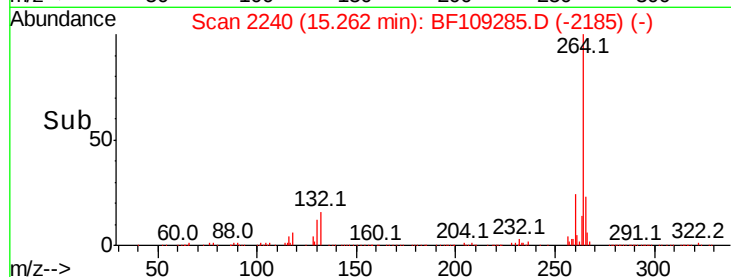
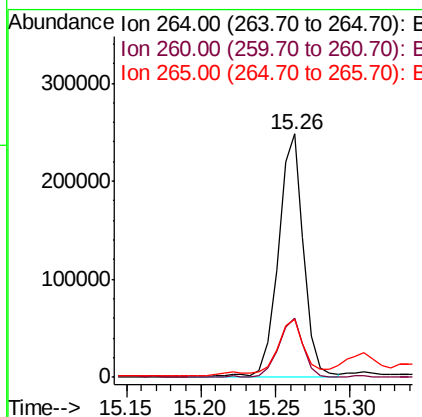
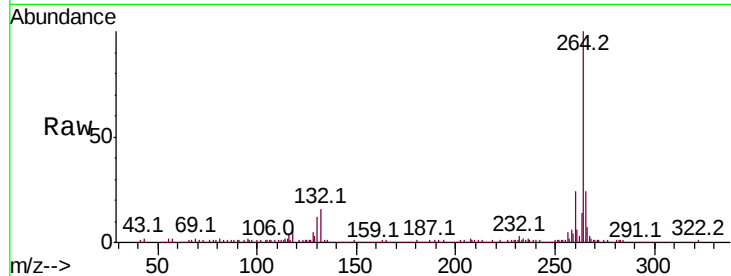
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.9	17.5	26.3

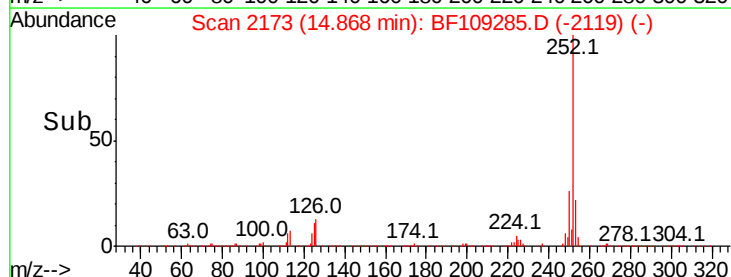
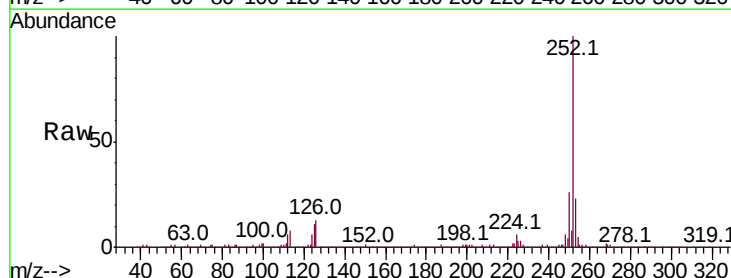
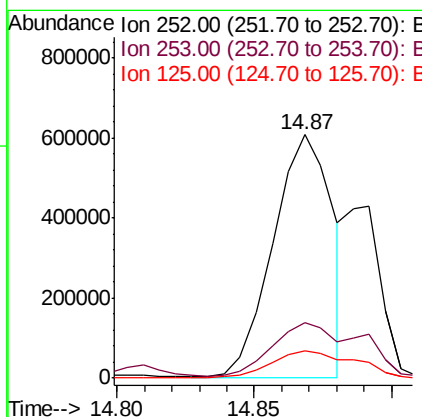
Manual Integrations
APPROVED

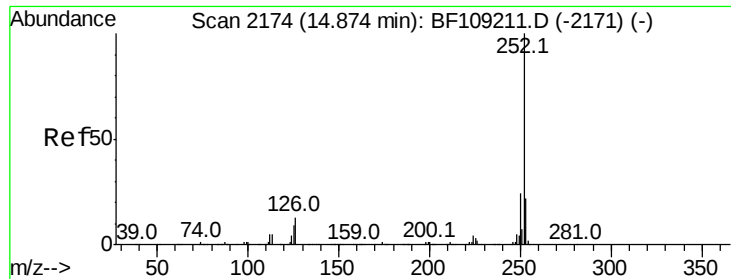
Sohil
9/26/2018 3:40:53 PM



#87
Benzo(b)fluoranthene
Concen: 57.490 ng m
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.4	9.0	13.6





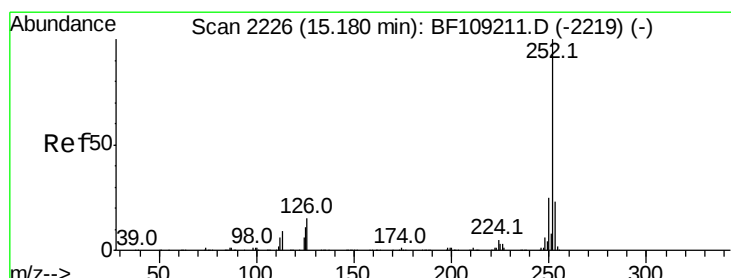
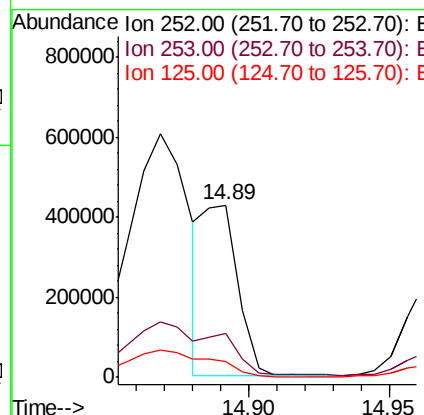
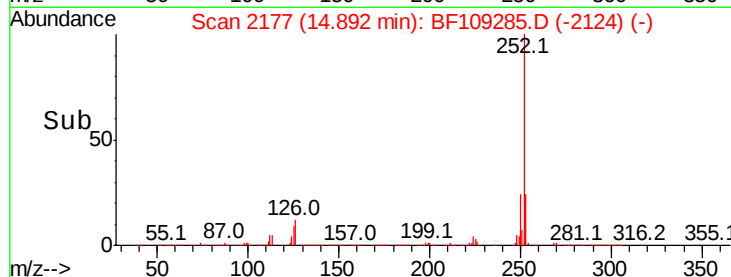
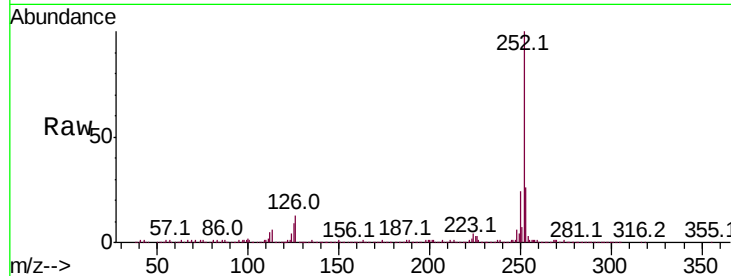
#88
Benzo(k)fluoranthene
Concen: 24.361 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	9.4	10.2	15.2

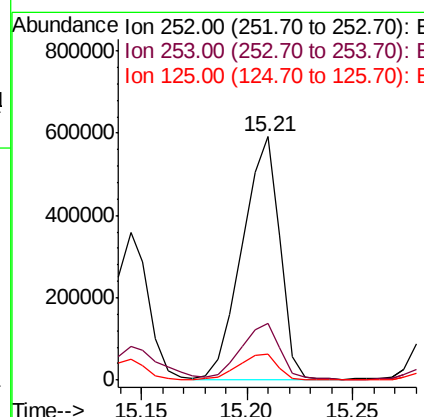
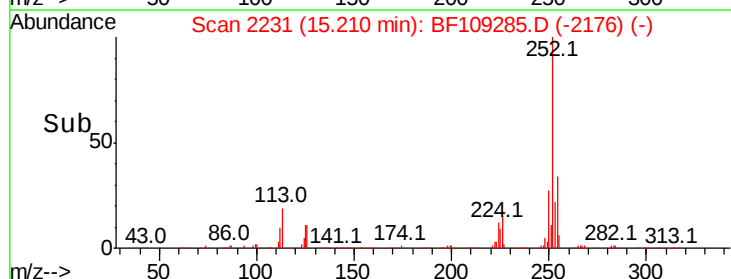
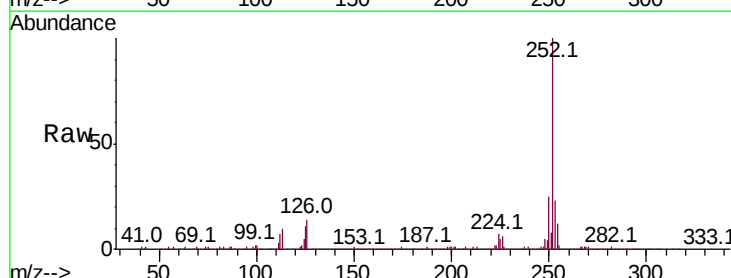
Manual Integrations
APPROVED

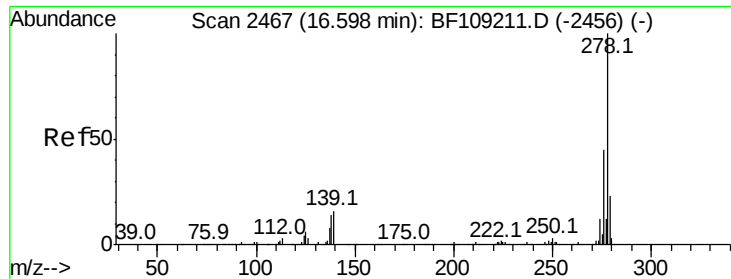
Sohil
9/26/2018 3:40:53 PM



#89
Benzo(a)pyrene
Concen: 50.326 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.9	9.8	14.6





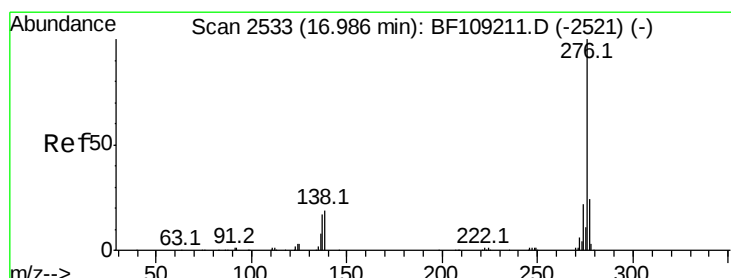
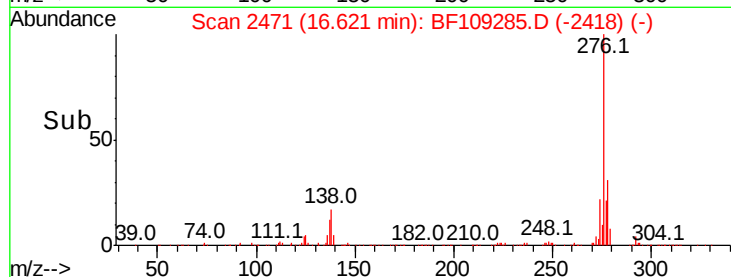
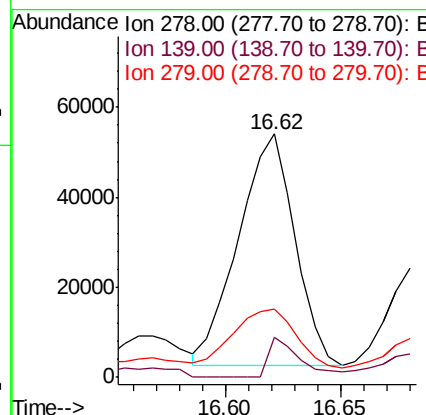
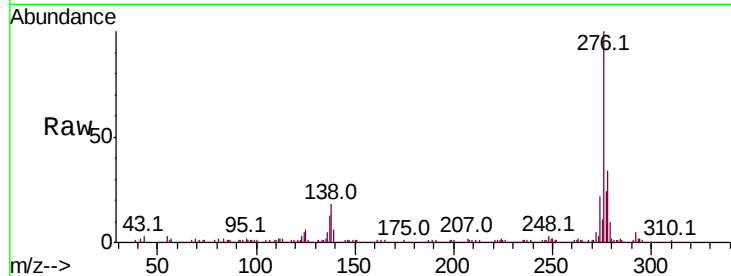
#90
Dibenzo(a,h)anthracene
Concen: 7.452 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A12-B1

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	28.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
9/26/2018 3:40:53 PM



#91
Benzo(g,h,i)perylene
Concen: 22.188 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF109285.D
Acq: 25 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	20.9	21.8	32.8#

