

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109284.D
 Acq On : 25 Sep 2018 14:40
 Operator : JU/SJ
 Sample : J5042-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B1

Manual Integrations
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 9/26/2018 3:40:50 PM

Quant Time: Sep 26 09:34:59 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	113669	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	438619	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	215043	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	393585	20.00	ng	0.00
75) Chrysene-d12	13.85	240	270189	20.00	ng	0.00
86) Perylene-d12	15.26	264	283588	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	569681	82.55	ng	0.00
7) Phenol-d6	6.35	99	757225	85.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	470985	63.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	194314	91.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	878026	61.58	ng	0.00
78) Terphenyl-d14	12.80	244	729412	66.25	ng	0.00
Target Compounds						
10) Phenol	6.36	94	24500	2.457	ng	84
49) Dimethylphthalate	9.46	163	260273	16.641	ng	100
51) Acenaphthene	9.77	154	35995	2.819	ng	99
57) Fluorene	10.29	166	53154	3.924	ng	97
70) Phenanthrene	11.24	178	580799	29.555	ng	99
71) Anthracene	11.29	178	172119	8.635	ng	98
72) Carbazole	11.44	167	47262	2.383	ng	97
74) Fluoranthene	12.43	202	794361	37.825	ng	98
77) Pyrene	12.66	202	732058	37.805	ng	100
80) Benzo(a)anthracene	13.84	228	384616m	23.633	ng	
82) Chrysene	13.87	228	294916	18.283	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	26647	2.565	ng	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	153774	11.761	ng	# 88
87) Benzo(b)fluoranthene	14.86	252	412429m	26.467	ng	
88) Benzo(k)fluoranthene	14.88	252	116581m	7.884	ng	
89) Benzo(a)pyrene	15.20	252	307352	21.889	ng	96
90) Dibenzo(a,h)anthracene	16.61	278	38052m	3.303	ng	
91) Benzo(g,h,i)perylene	17.01	276	139867	12.354	ng	# 93

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

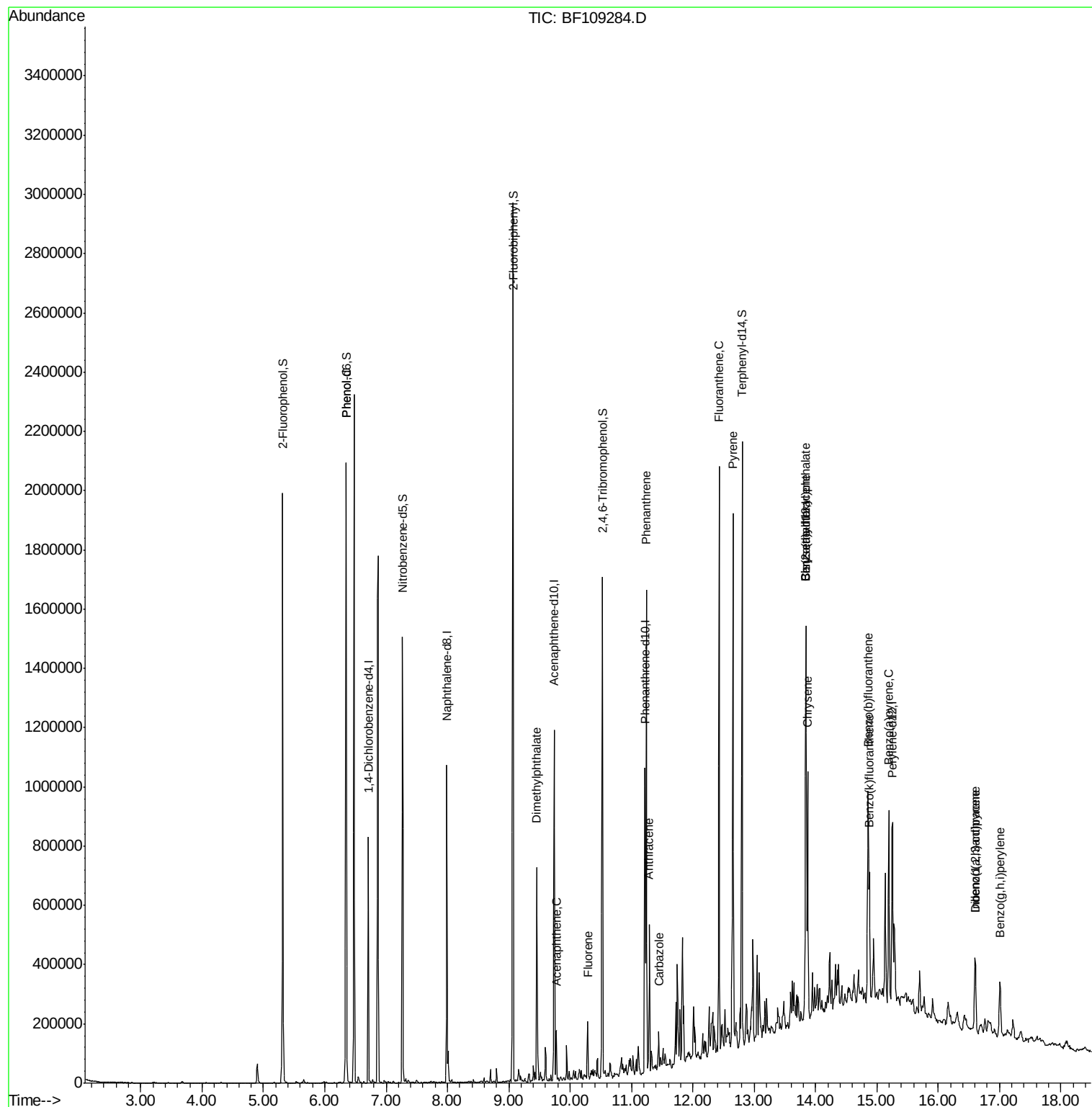
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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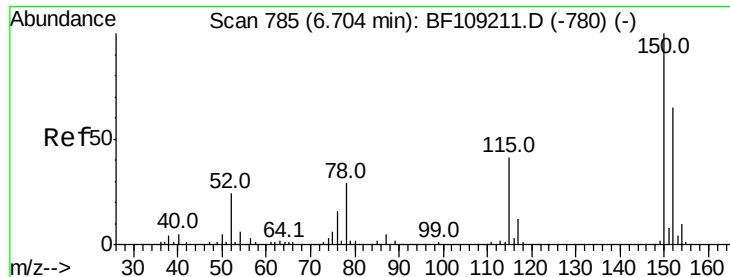
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

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

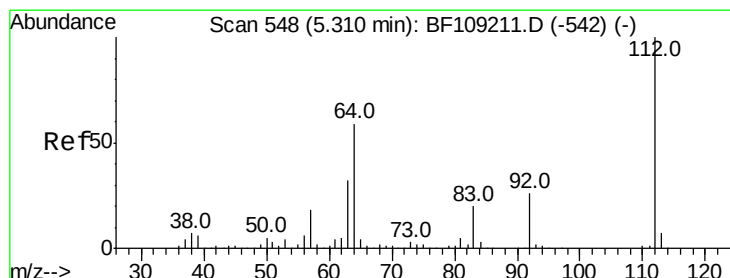
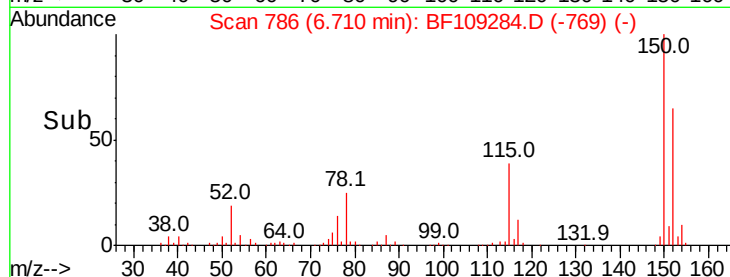
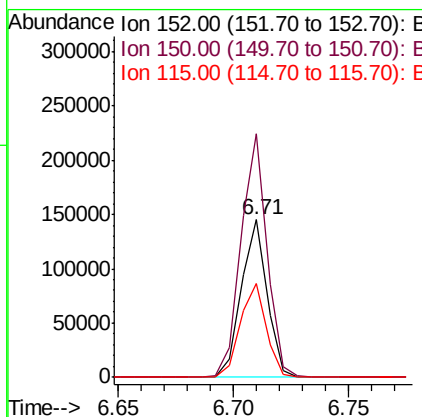
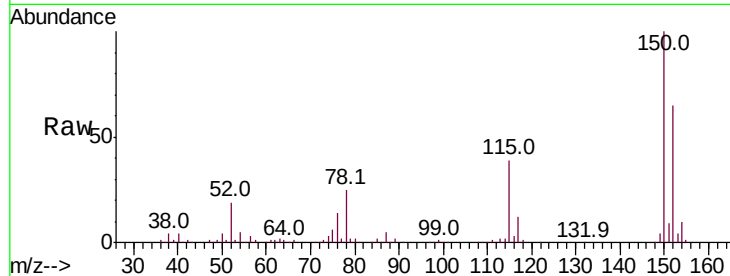
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.8	50.1	75.1

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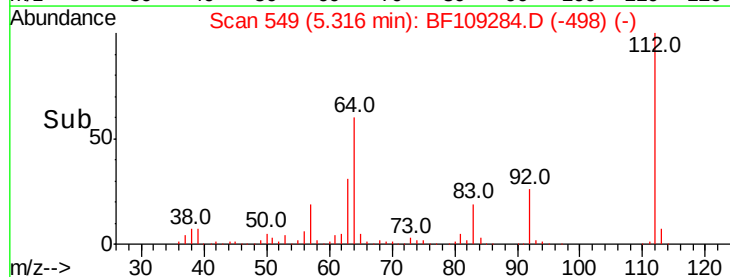
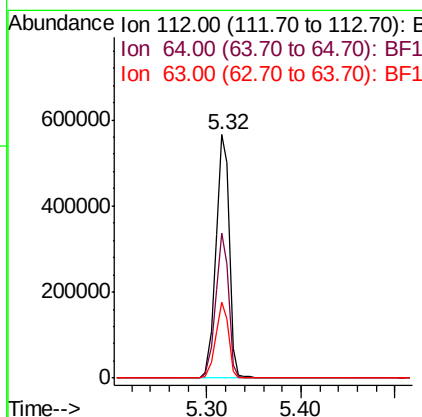
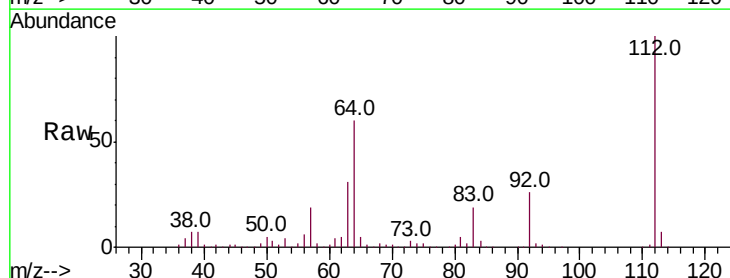
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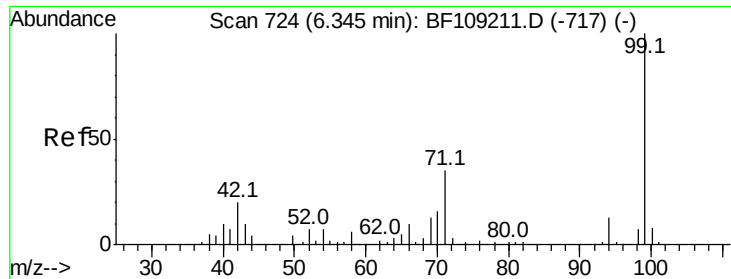


#5

2-Fluorophenol
Concen: 82.547 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 85.987 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Instrument :

BNA_F

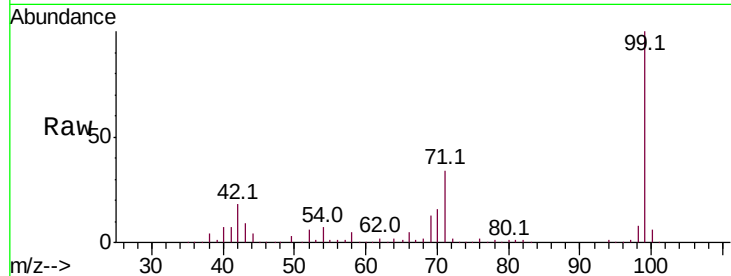
ClientSampleId :

NYSEG-CLRK-PH4-A14-B1

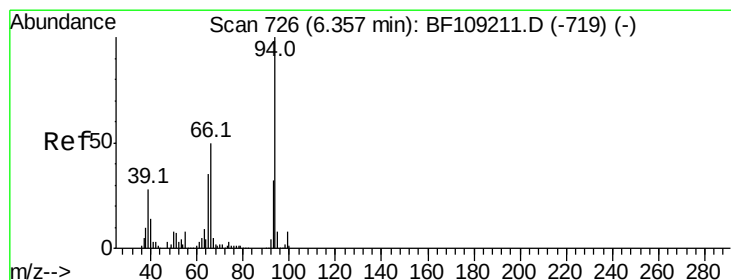
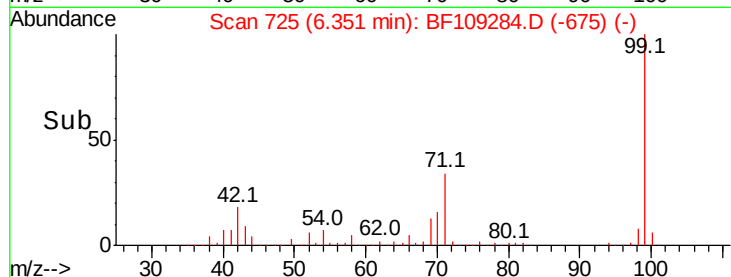
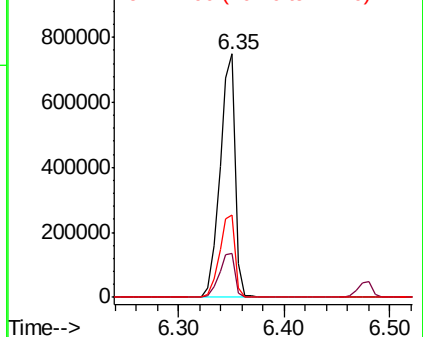
Tot Ion:	99	Resp:	757225
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	34.0	25.4	38.0

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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



#10

Phenol

Concen: 2.457 ng

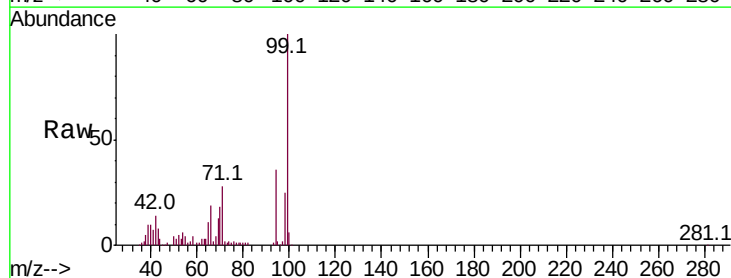
RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

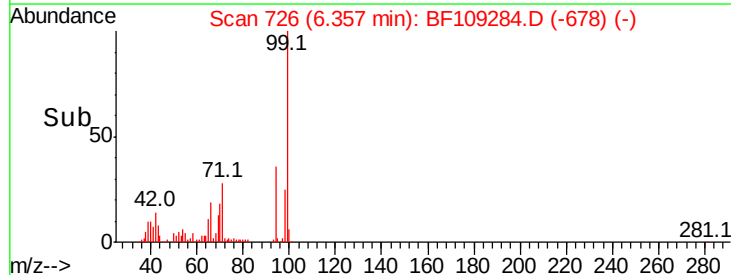
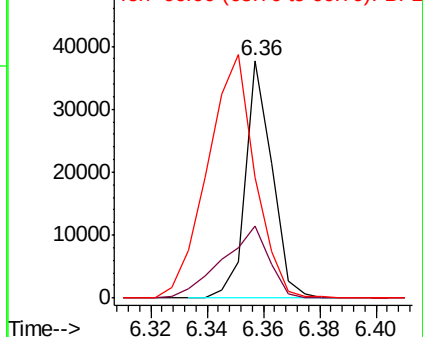
Lab File: BF109284.D

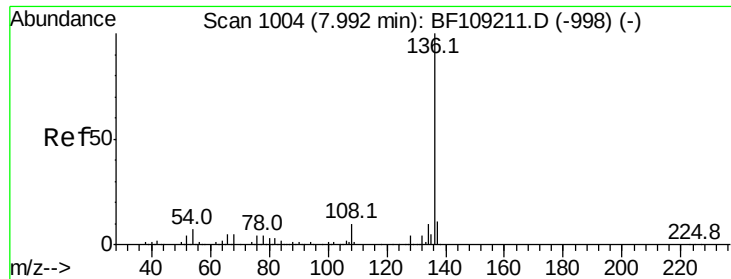
Acq: 25 Sep 2018 14:40

Tgt Ion:	94	Resp:	24500
Ion Ratio	Lower	Upper	
94	100		
65	30.4	7.9	47.9
66	51.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





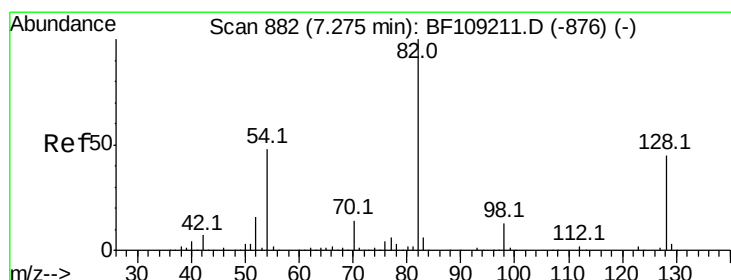
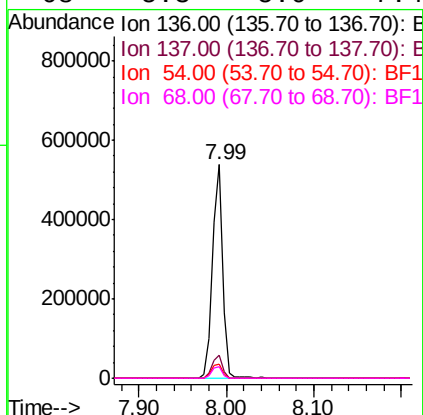
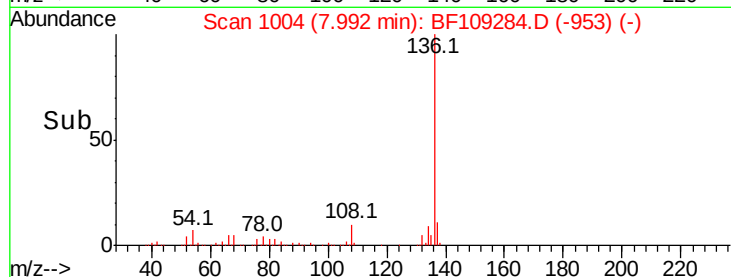
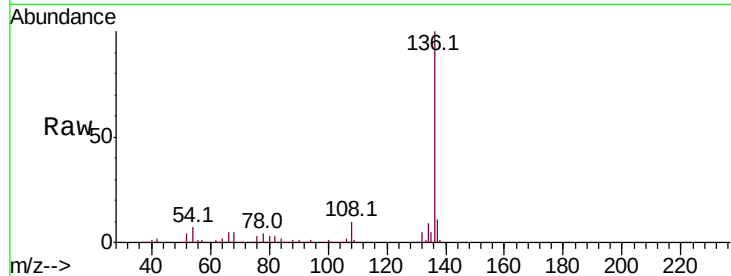
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.8	6.6	9.8	
68	5.3	5.0	7.4	

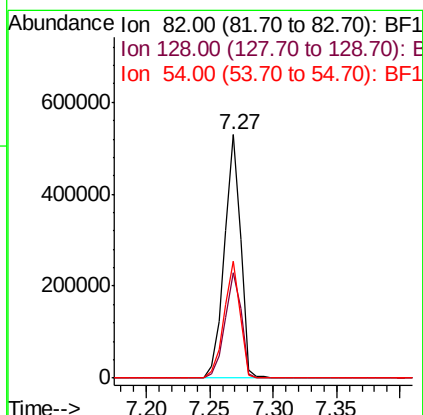
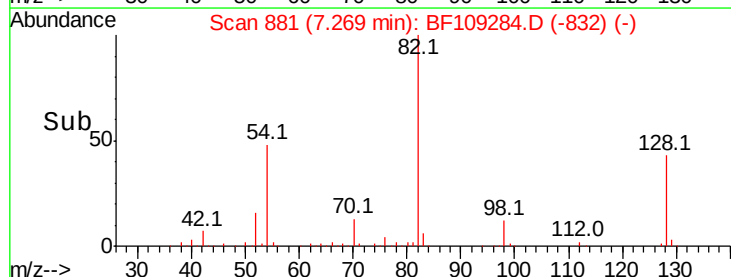
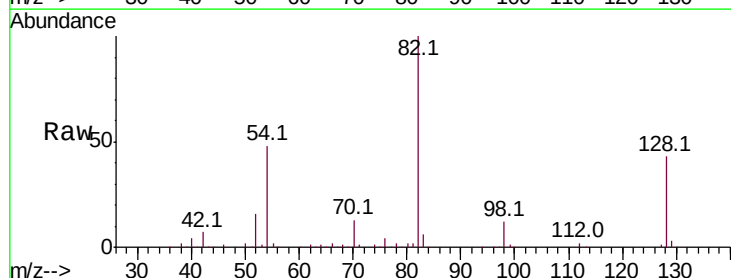
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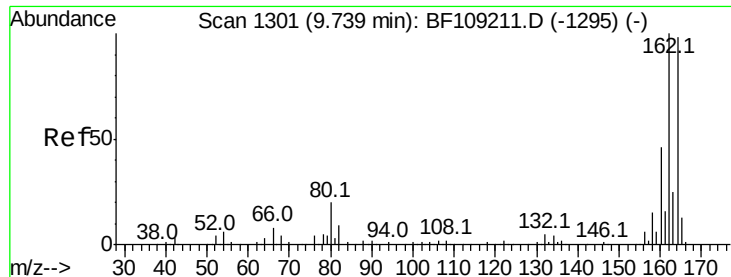
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#23
Nitrobenzene-d5
Concen: 63.387 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	36.1	54.1	
54	48.0	41.4	62.2	





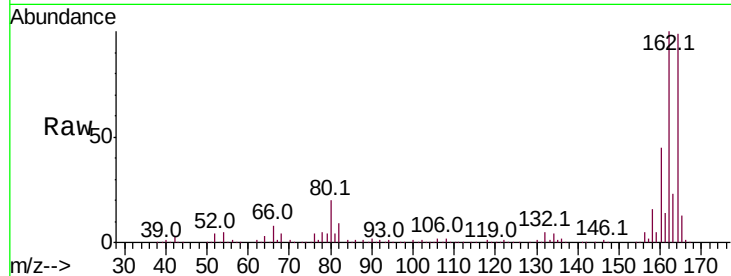
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109284.D
 Acq: 25 Sep 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B1

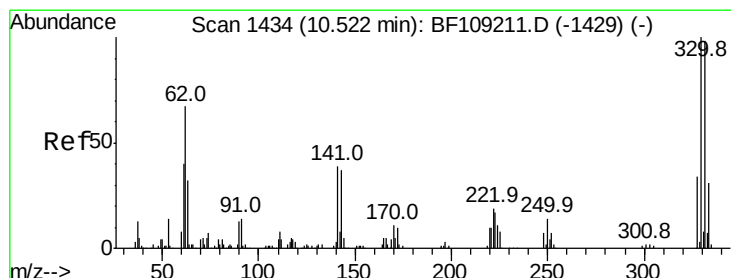
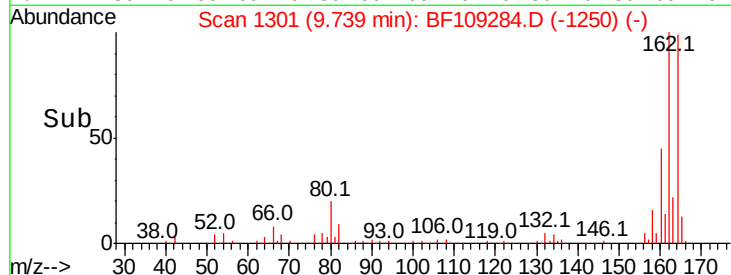
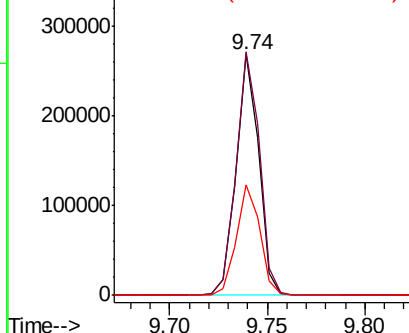
Tot Ion	Ratio	Resp	Lower	Upper
164	100	215043		
162	101.2	86.1	129.1	
160	45.7	38.3	57.5	

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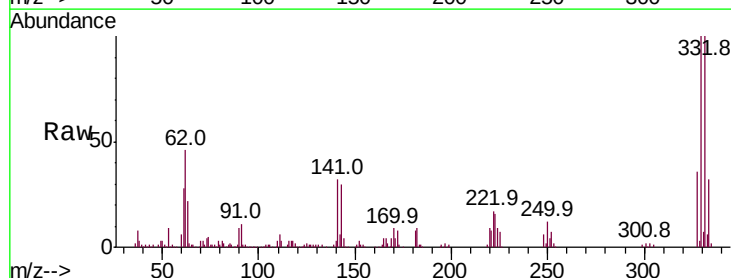


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

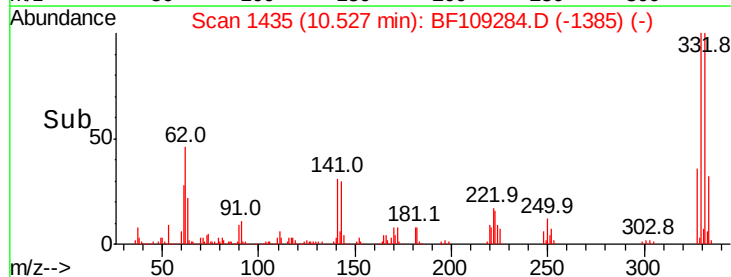
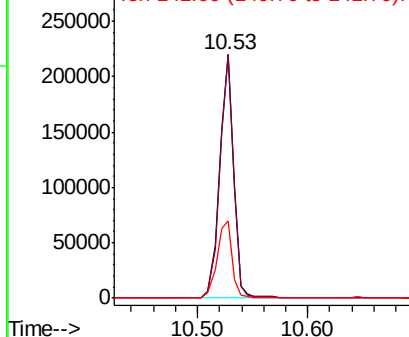


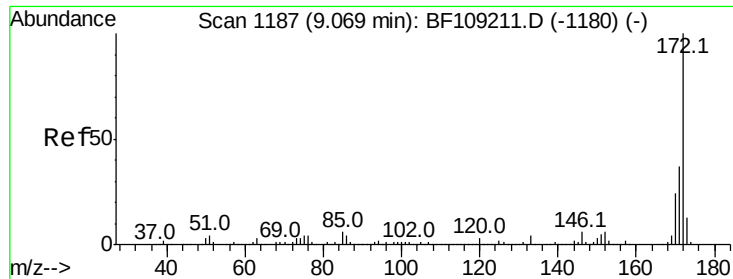
#41
 2,4,6-Tribromophenol
 Concen: 91.663 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109284.D
 Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194314		
332	98.4	77.0	115.6	
141	34.1	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





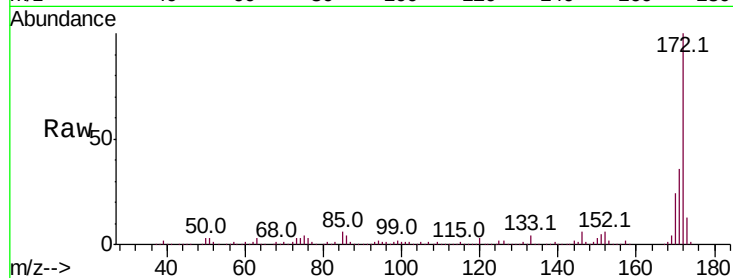
#44
2-Fluorobiphenyl
Concen: 61.580 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

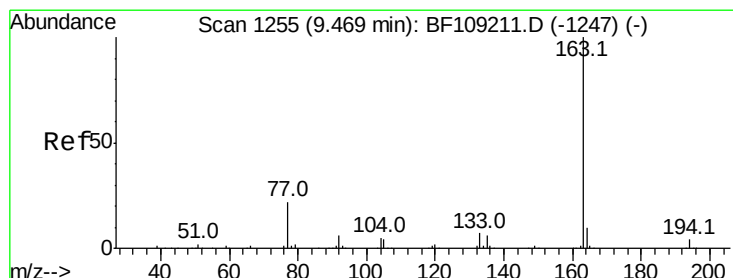
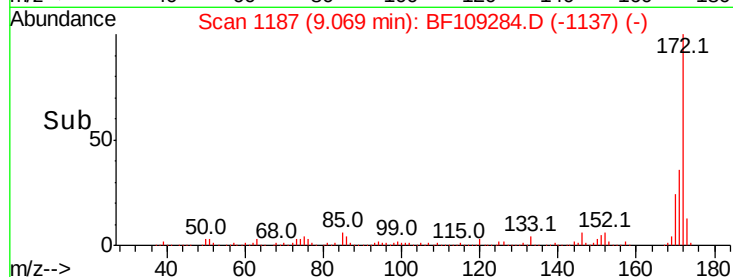
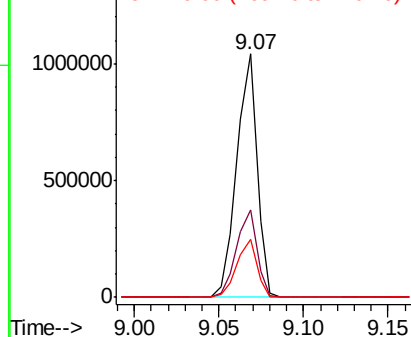
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.9	19.6	29.4	

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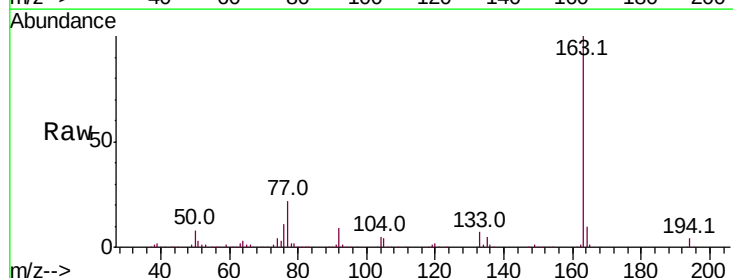


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

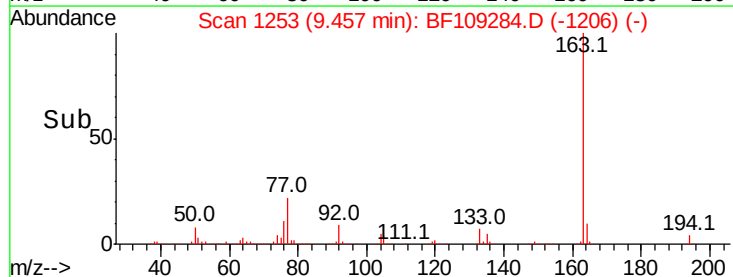
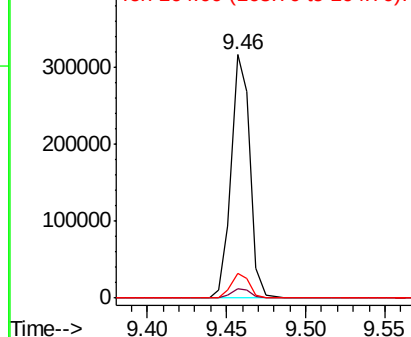


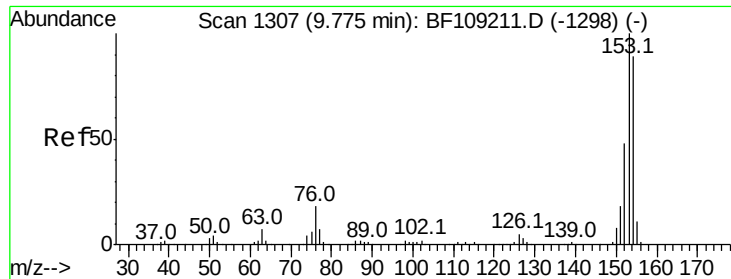
#49
Dimethylphthalate
Concen: 16.641 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.2	8.2	12.2	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.819 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Instrument :

BNA_F

ClientSampleId :

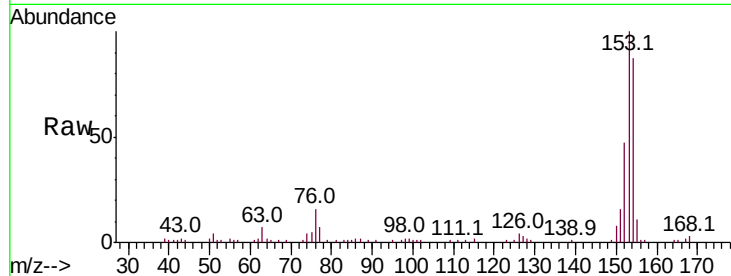
NYSEG-CLRK-PH4-A14-B1

Tot Ion:154	Resp:	35995
Ion Ratio	Lower	Upper
154	100	
153	114.9	91.2 136.8
152	54.2	43.8 65.8

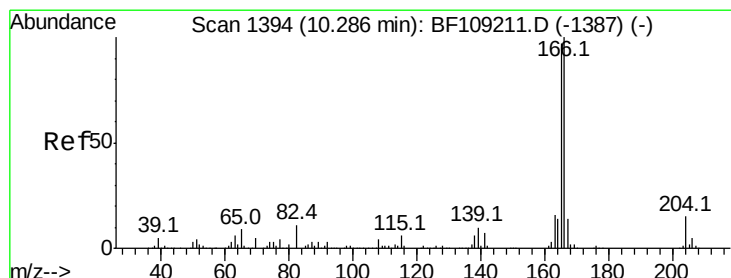
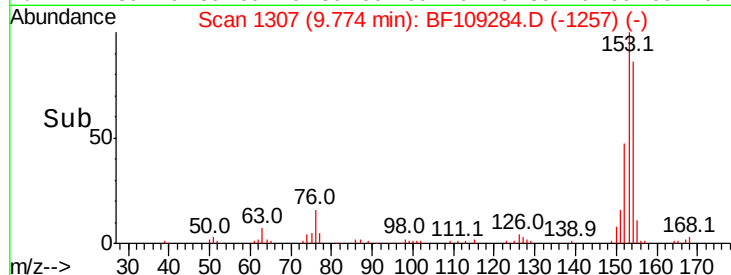
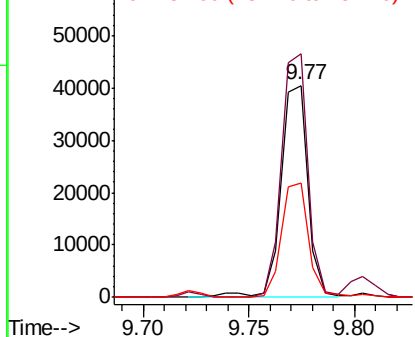
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.924 ng

RT: 10.29 min Scan# 1394

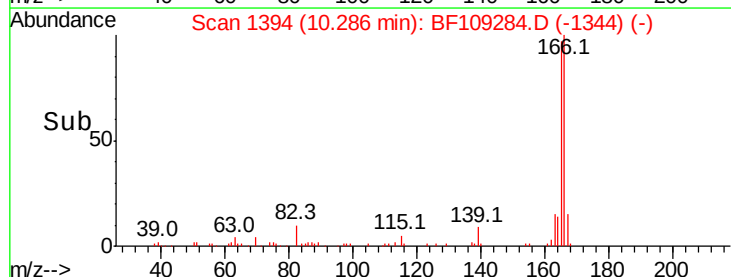
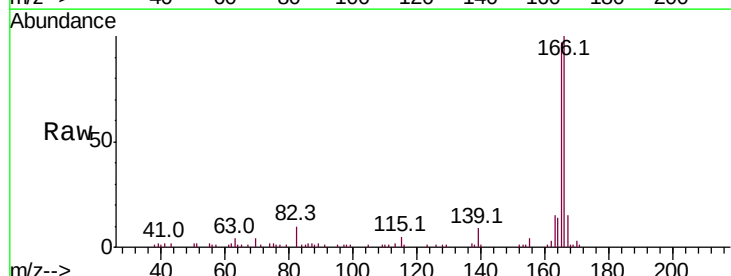
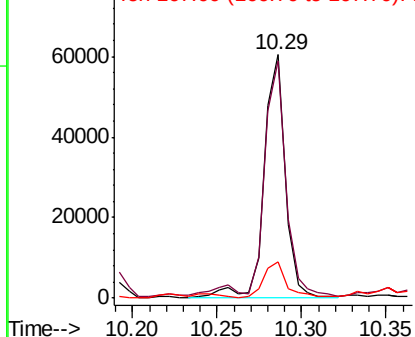
Delta R.T. -0.01 min

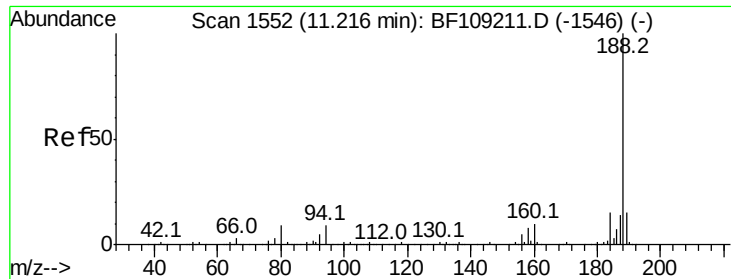
Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Tgt Ion:166	Resp:	53154
Ion Ratio	Lower	Upper
166	100	
165	97.3	79.8 119.8
167	14.7	10.6 16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





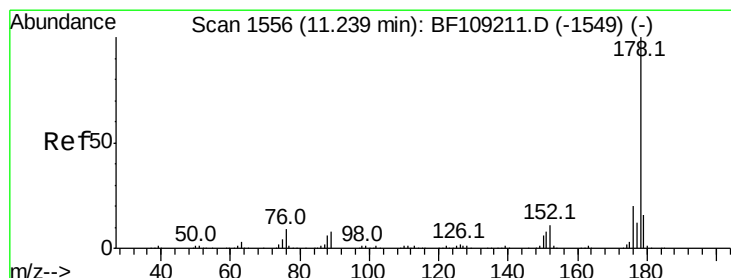
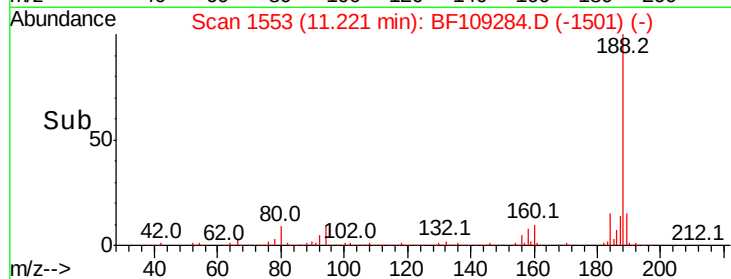
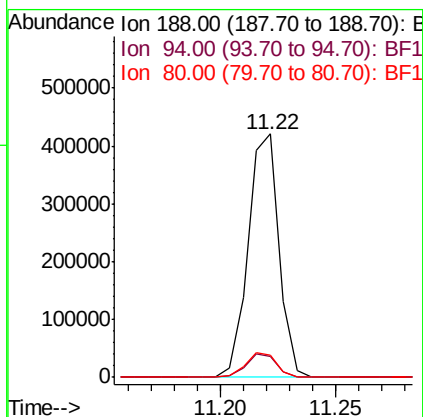
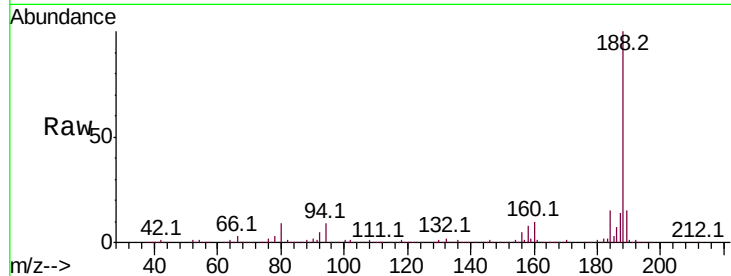
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8

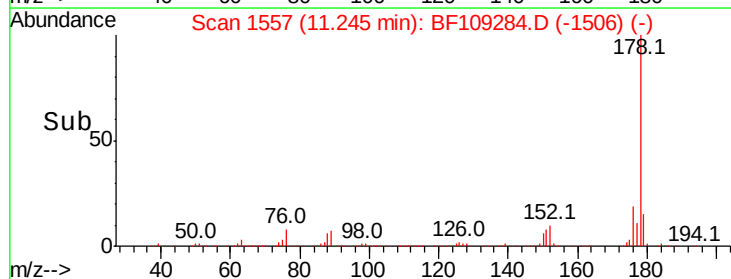
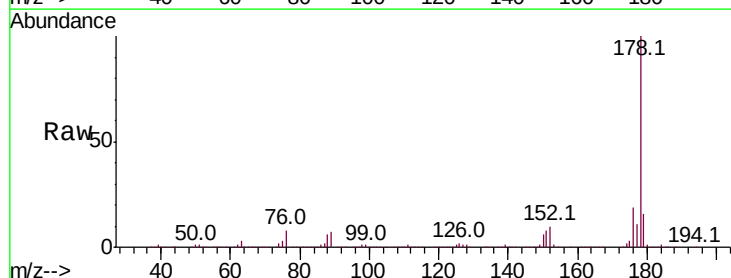
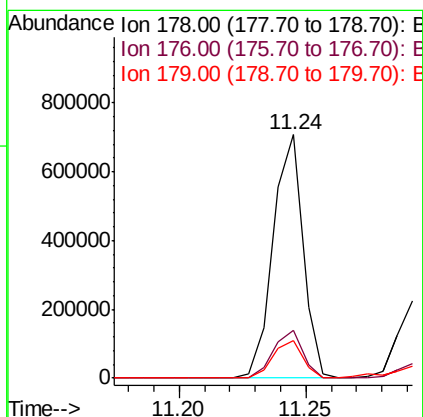
Manual Integrations
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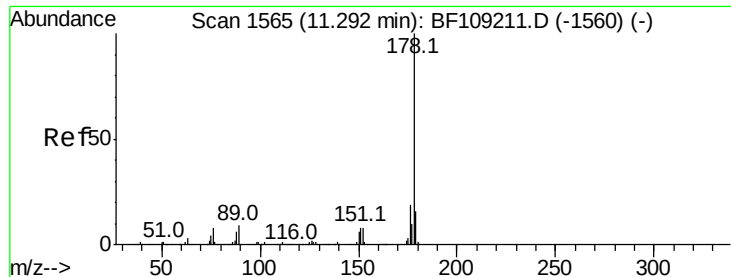
Sohil
9/26/2018 3:40:50 PM



#70
Phenanthrene
Concen: 29.555 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6





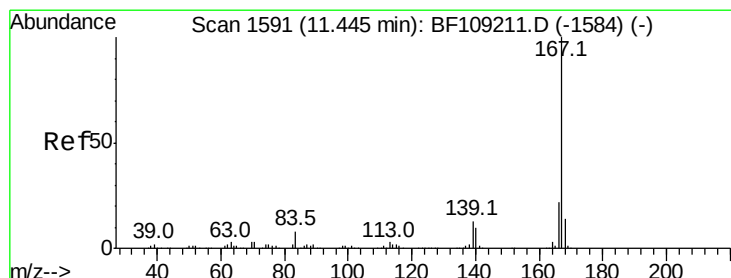
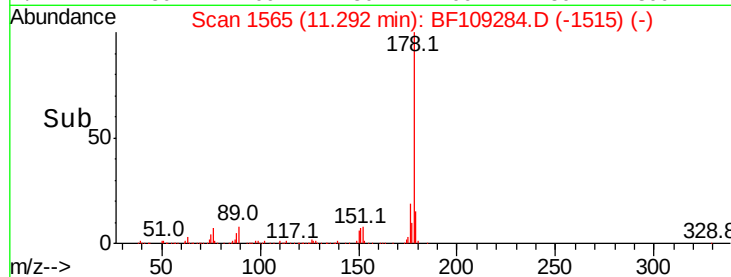
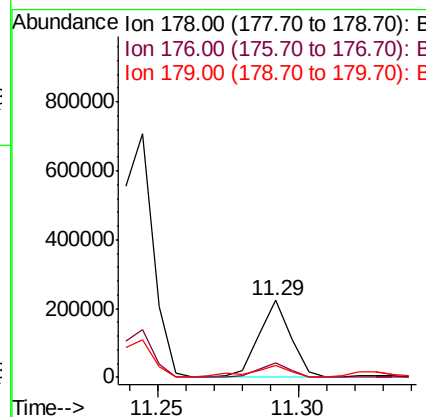
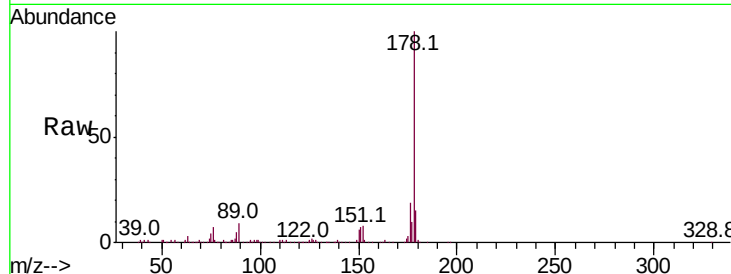
#71
 Anthracene
 Concen: 8.635 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109284.D
 Acq: 25 Sep 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B1

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

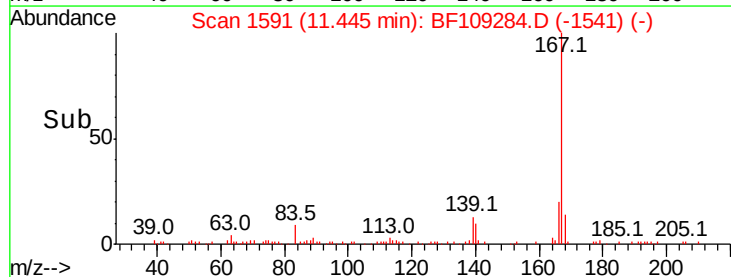
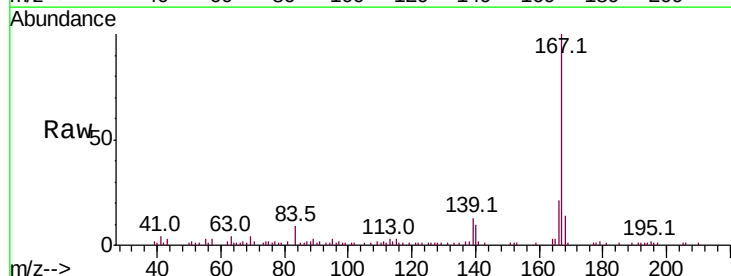
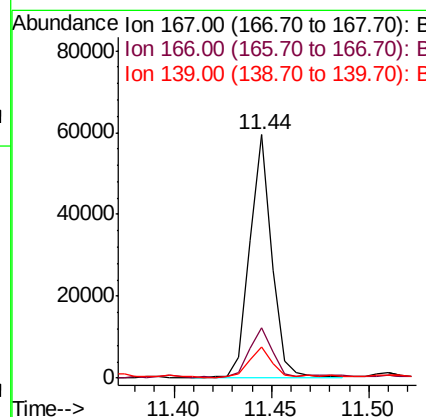
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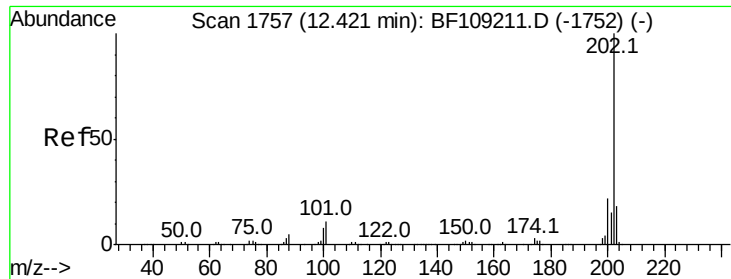
Sohil
 9/26/2018 3:40:50 PM



#72
 Carbazole
 Concen: 2.383 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109284.D
 Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	12.7	10.9	16.3





#74

Fluoranthene

Concen: 37.825 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Instrument :

BNA_F

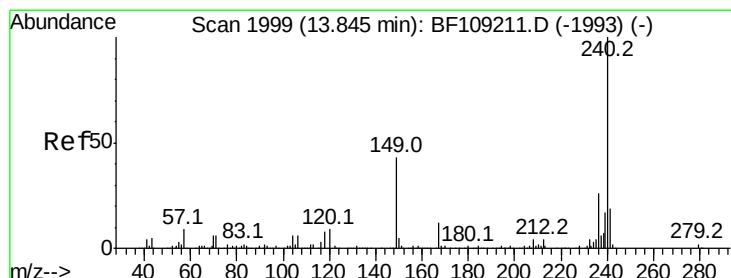
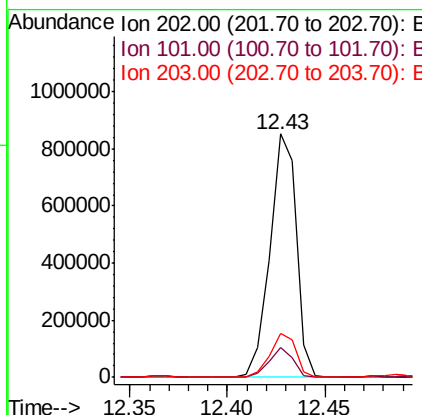
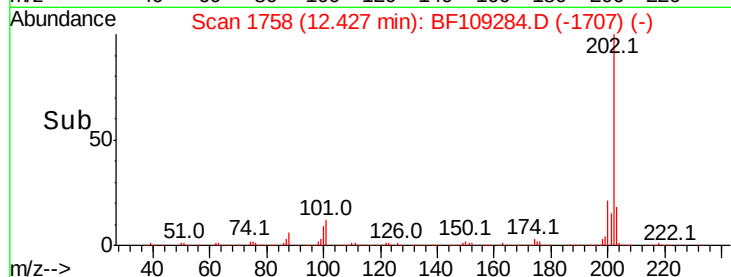
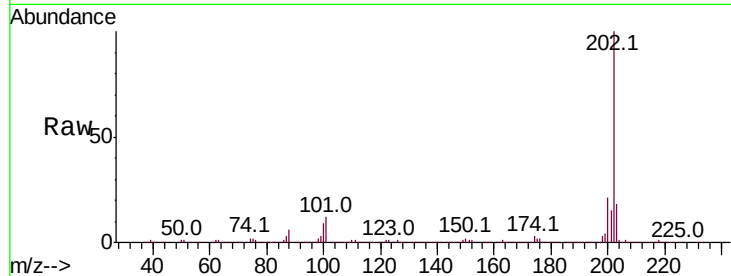
ClientSampleId :

NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	794361		
101	12.1	0.0	34.1	
203	18.1	0.0	38.1	

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Sohil
9/26/2018 3:40:50 PM



#75

Chrysene-d12

Concen: 20.000 ng

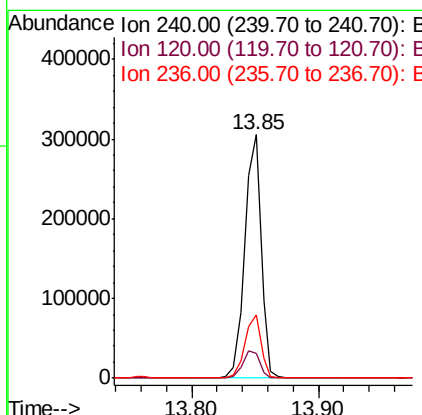
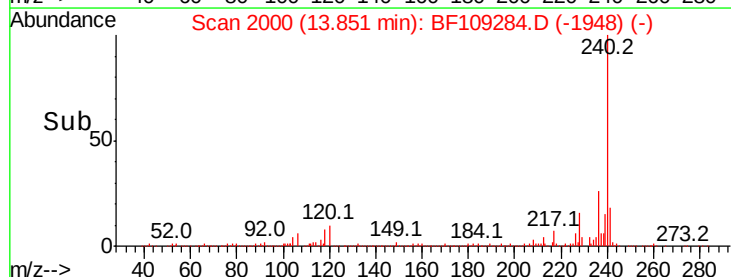
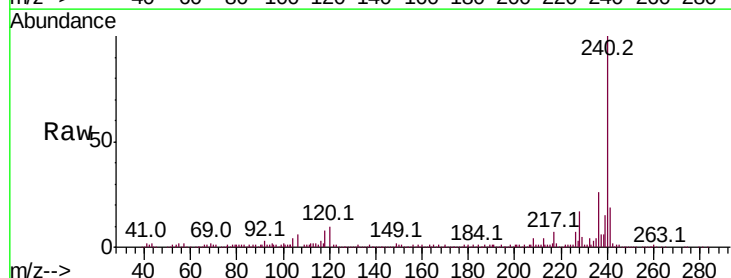
RT: 13.85 min Scan# 2000

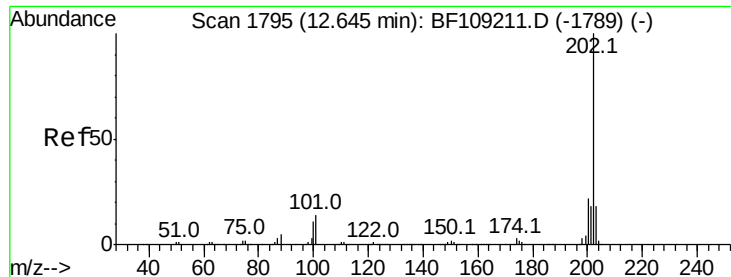
Delta R.T. 0.01 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270189		
120	9.9	9.5	14.3	
236	25.7	20.7	31.1	





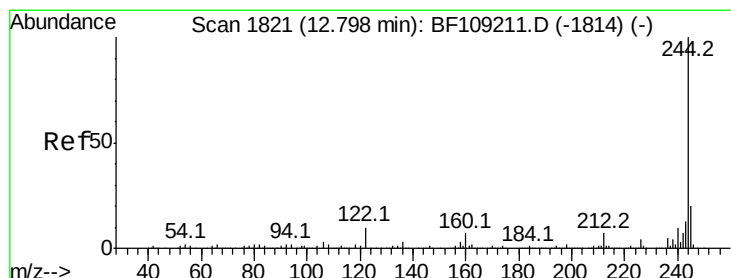
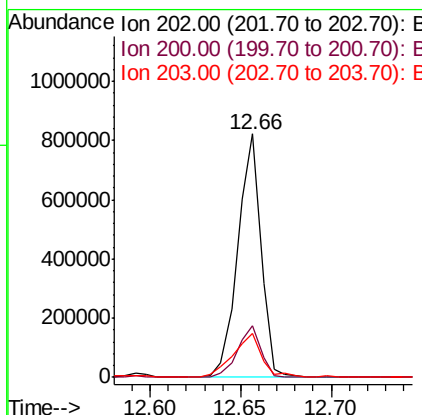
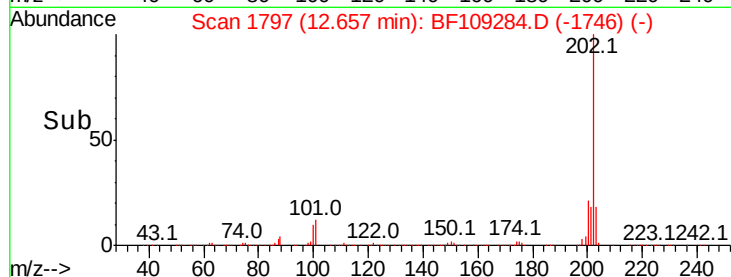
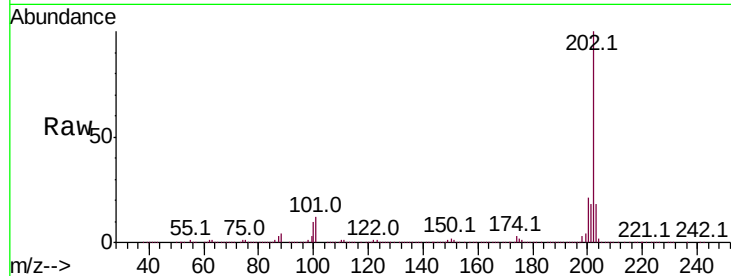
#77
Pvrene
Concen: 37.805 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5

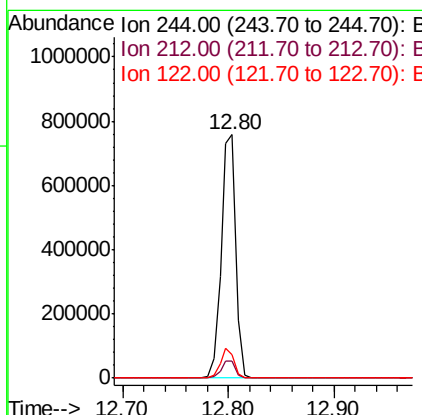
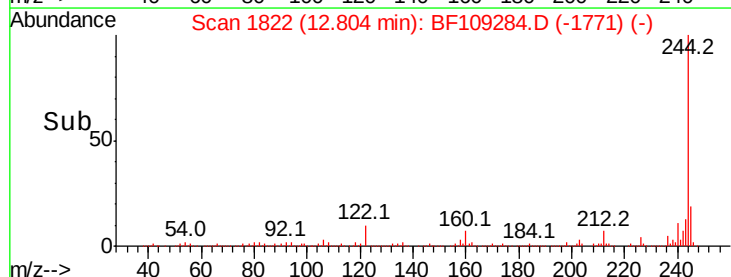
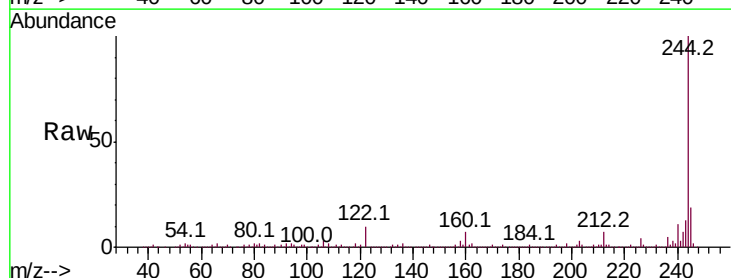
Manual Integrations
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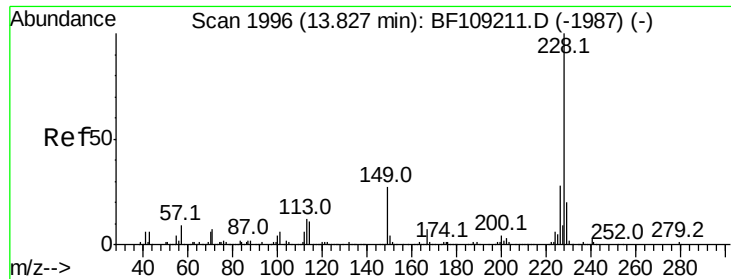
Sohil
9/26/2018 3:40:50 PM



#78
Terphenyl-d14
Concen: 66.254 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.7	11.0	16.4#





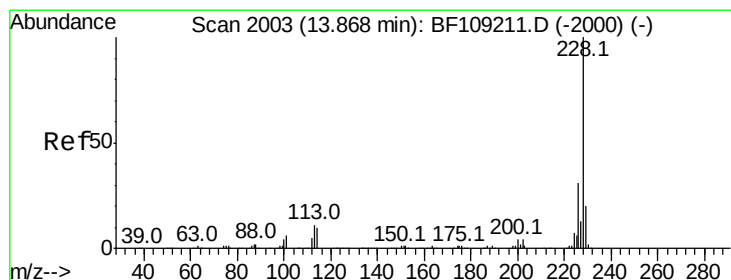
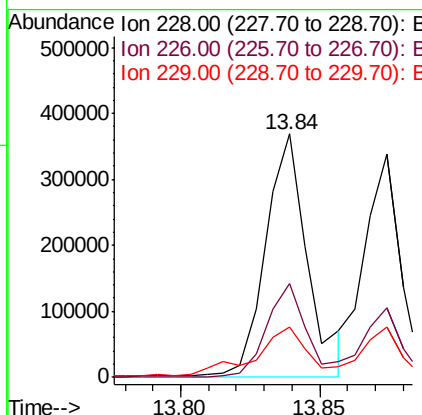
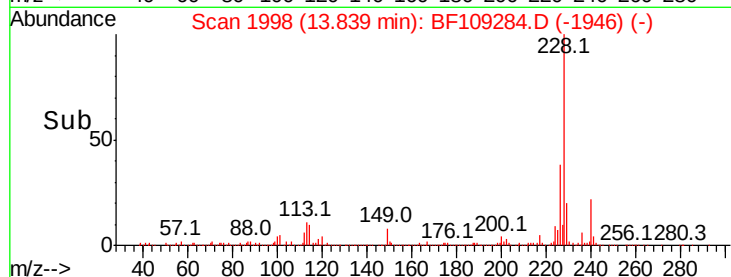
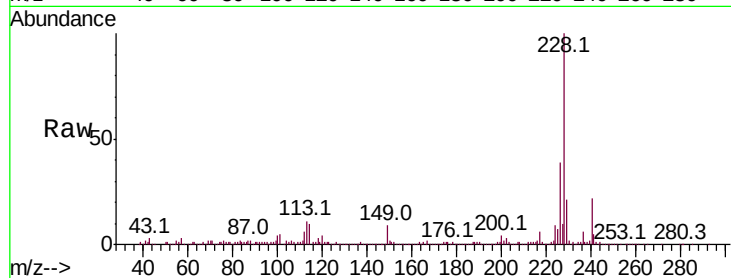
#80
Benzo(a)anthracene
Concen: 23.633 ng m
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.6	22.6	33.8#
229	20.6	15.8	23.6

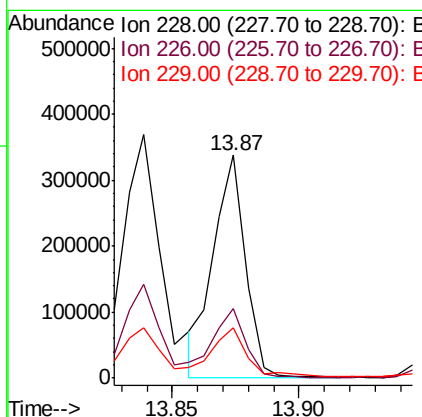
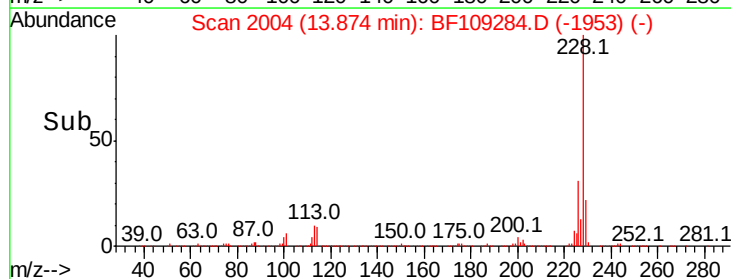
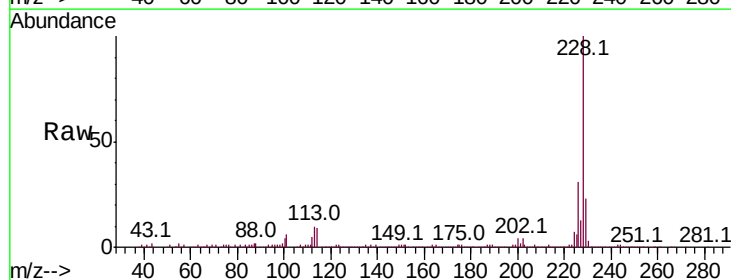
Manual Integrations
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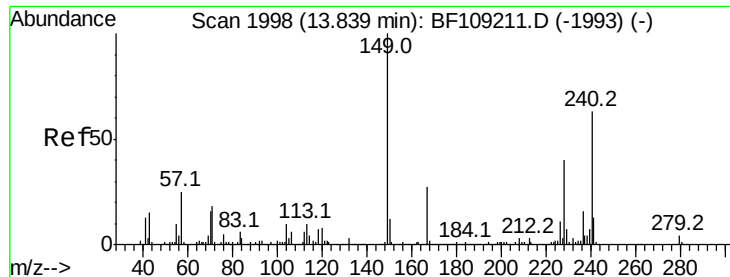
Sohil
9/26/2018 3:40:50 PM



#82
Chrysene
Concen: 18.283 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.565 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Instrument :

BNA_F

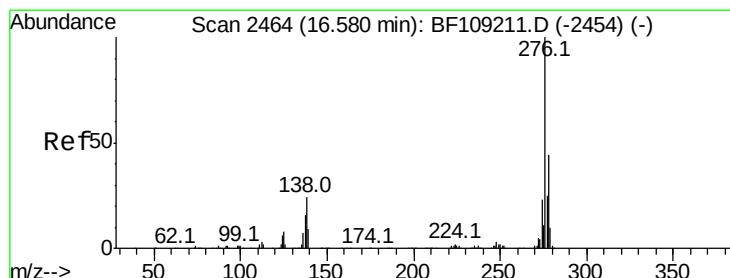
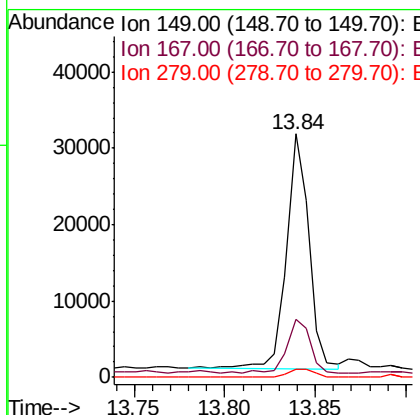
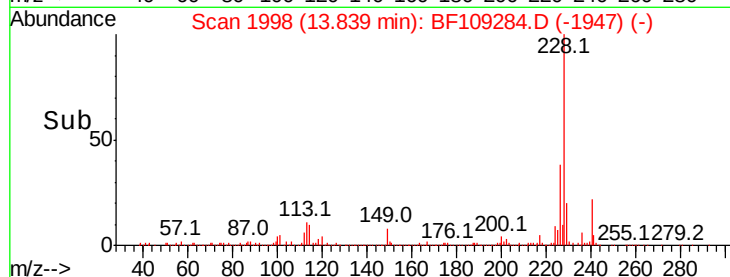
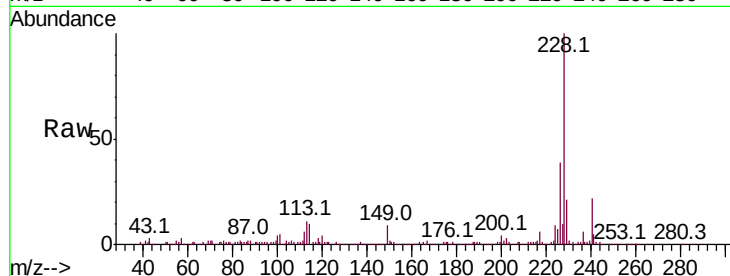
ClientSampleId :

NYSEG-CLRK-PH4-A14-B1

Tot Ion:	149	Resp:	26647
Ion Ratio	Lower	Upper	
149	100		
167	24.0	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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Sohil
9/26/2018 3:40:50 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.761 ng

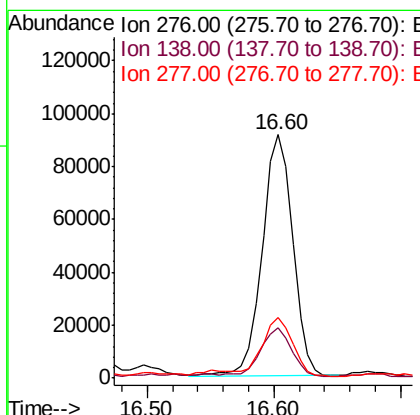
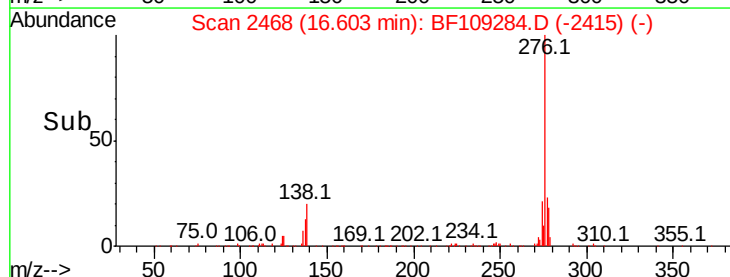
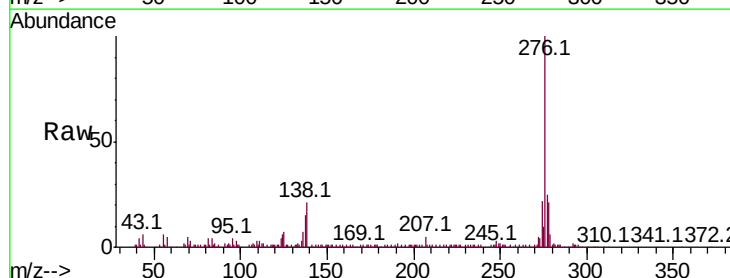
RT: 16.60 min Scan# 2468

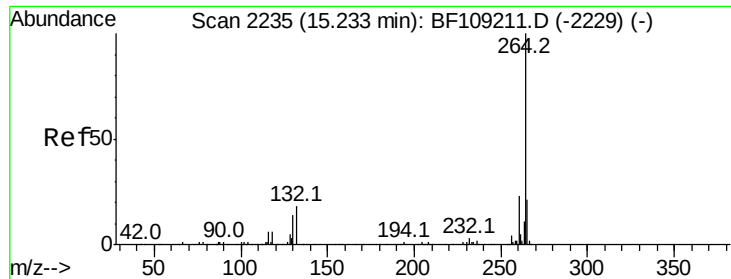
Delta R.T. 0.01 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Tgt Ion:	276	Resp:	153774
Ion Ratio	Lower	Upper	
276	100		
138	20.2	25.0	37.6#
277	24.4	20.1	30.1





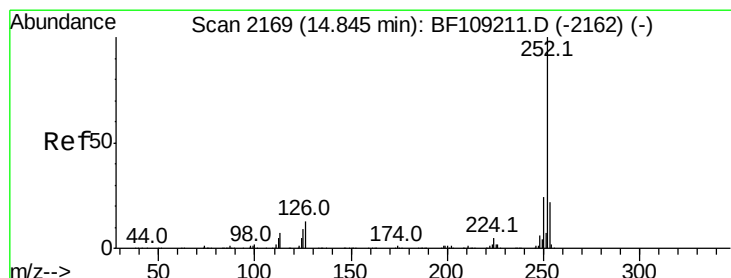
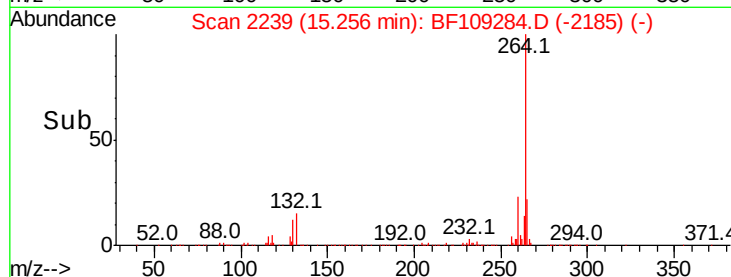
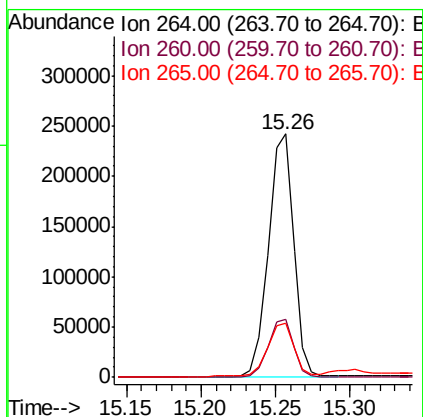
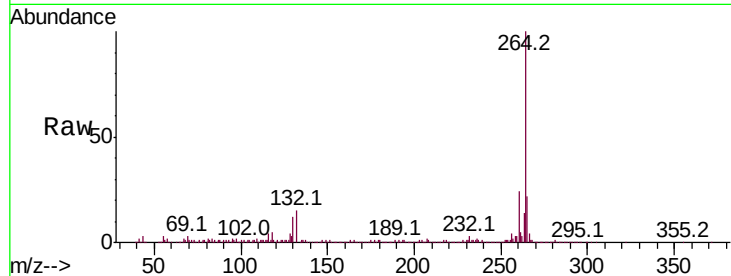
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

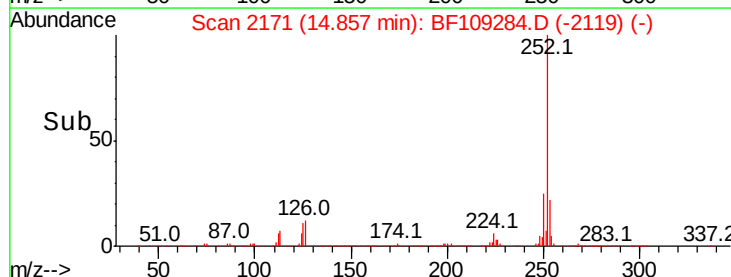
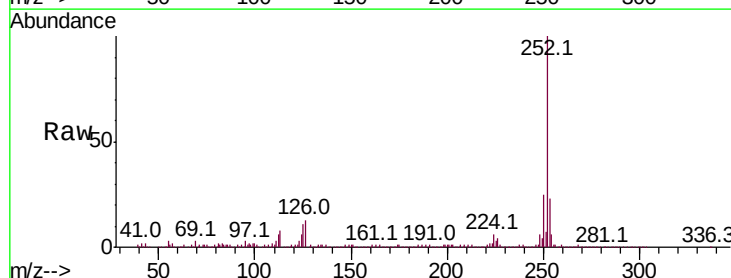
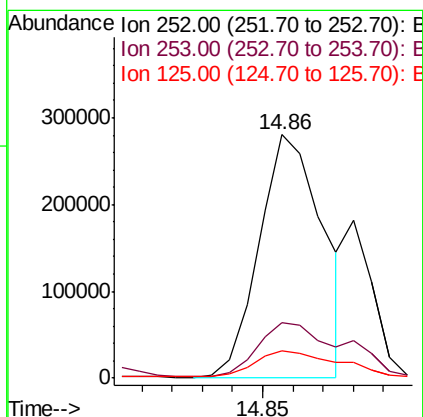
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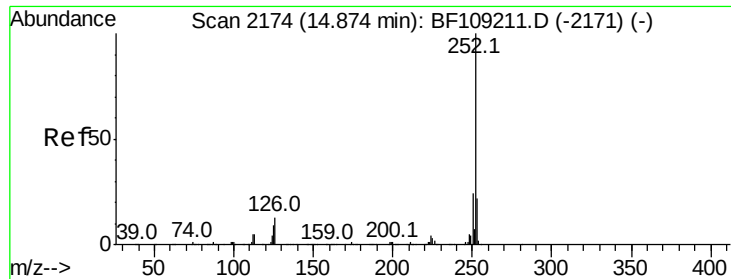
Sohil
9/26/2018 3:40:50 PM



#87
Benzo(b)fluoranthene
Concen: 26.467 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

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: 7.884 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Instrument :

BNA_F

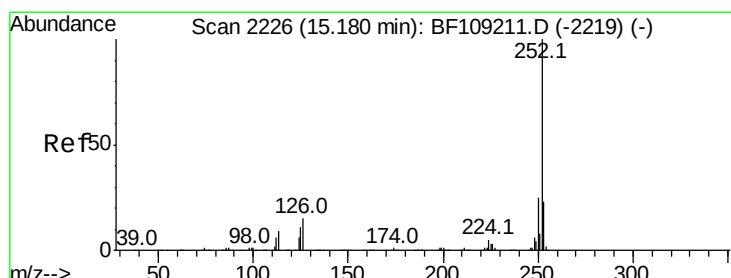
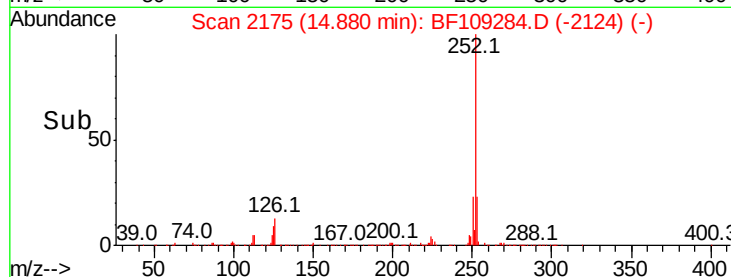
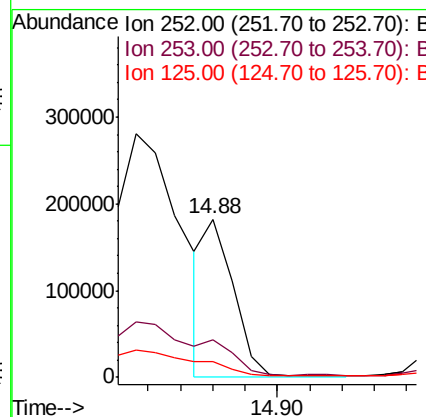
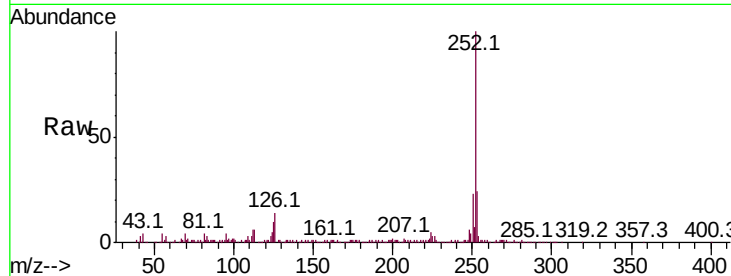
ClientSampleId :

NYSEG-CLRK-PH4-A14-B1

Tot Ion:	252	Resp:	116581
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	9.7	10.2	15.2#

Manual Integrations
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Sohil
9/26/2018 3:40:50 PM



#89

Benzo(a)pyrene

Concen: 21.889 ng

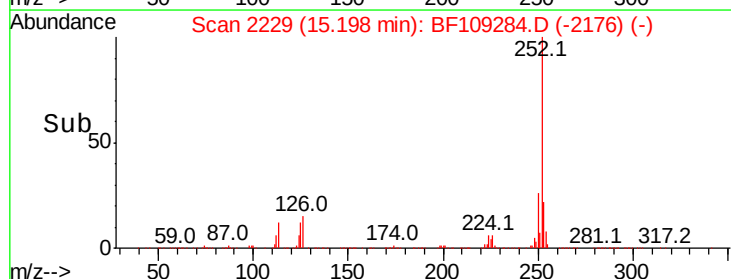
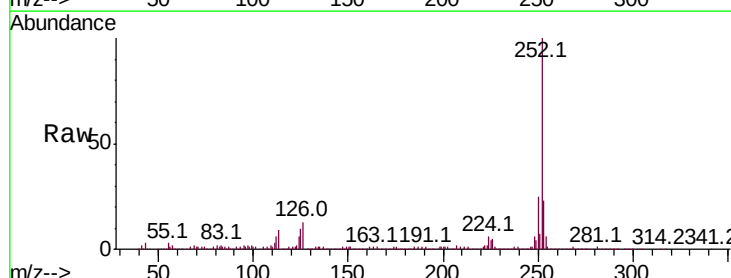
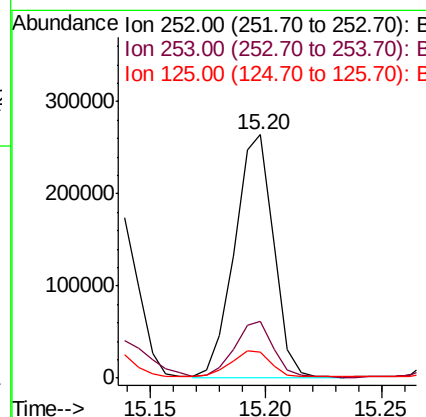
RT: 15.20 min Scan# 2229

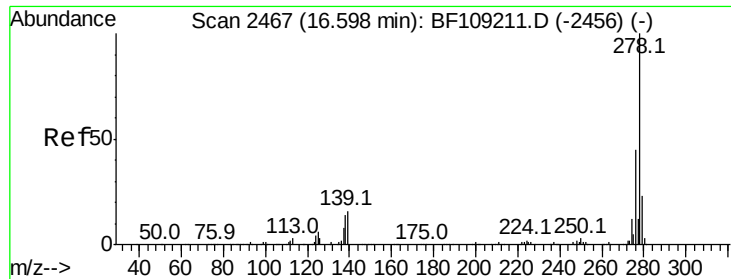
Delta R.T. 0.01 min

Lab File: BF109284.D

Acq: 25 Sep 2018 14:40

Tgt Ion:	252	Resp:	307352
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	10.5	9.8	14.6





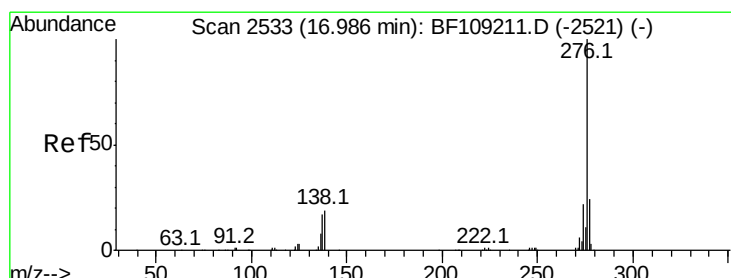
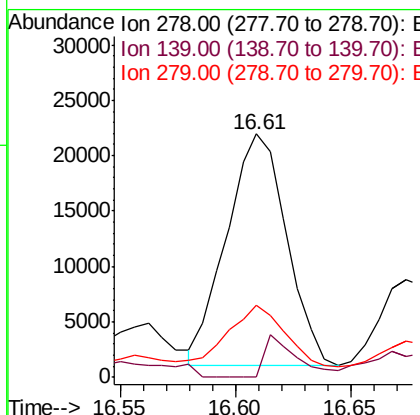
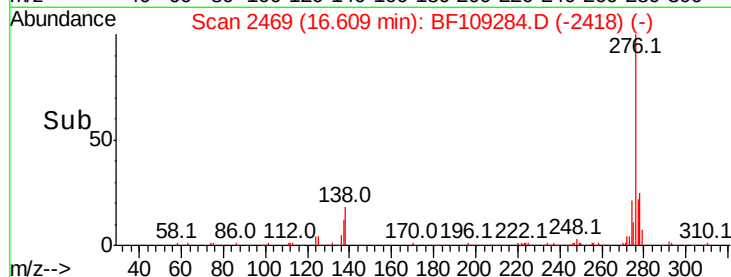
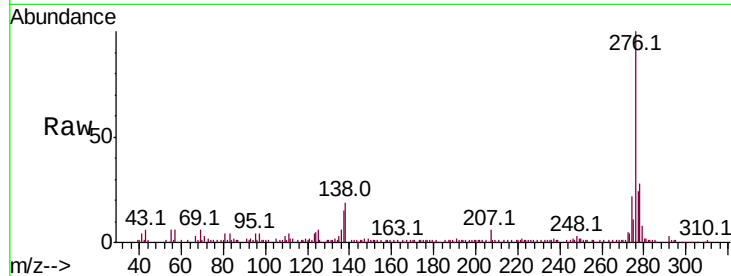
#90
Dibenzo(a,h)anthracene
Concen: 3.303 ng/mL
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

Tot Ion:	278	Resp:	38052
Ion Ratio	Lower	Upper	
278	100		
139	0.0	15.9	23.9#
279	29.5	19.0	28.4#

Manual Integrations
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Sohil
9/26/2018 3:40:50 PM



#91
Benzo(g,h,i)perylene
Concen: 12.354 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF109284.D
Acq: 25 Sep 2018 14:40

Tgt Ion:	276	Resp:	139867
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	21.6	21.8	32.8#

