

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109287.D
 Acq On : 25 Sep 2018 15:59
 Operator : JU/SJ
 Sample : J5042-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B2

Manual Integrations
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Sohil
 9/26/2018 3:41:47 PM

Quant Time: Sep 25 17:45:09 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	117295	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	469056	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	225085	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	391760	20.00	ng	0.00
75) Chrysene-d12	13.84	240	296464	20.00	ng	0.00
86) Perylene-d12	15.25	264	289755	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	199601	28.03	ng	0.00
7) Phenol-d6	6.34	99	258758	28.48	ng	-0.02
23) Nitrobenzene-d5	7.26	82	157951	19.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	58705	26.46	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	316190	21.19	ng	-0.01
78) Terphenyl-d14	12.80	244	245370	20.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	85694	5.234	ng	99
70) Phenanthrene	11.24	178	218157	11.153	ng	99
71) Anthracene	11.29	178	58656	2.957	ng	99
74) Fluoranthene	12.43	202	338204	16.179	ng	93
77) Pyrene	12.65	202	327537	15.416	ng	99
80) Benzo(a)anthracene	13.83	228	148542m	8.318	ng	
82) Chrysene	13.87	228	132069	7.462	ng	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	59775	4.167	ng	# 88
87) Benzo(b)fluoranthene	14.85	252	153444m	9.637	ng	
88) Benzo(k)fluoranthene	14.87	252	49241m	3.259	ng	
89) Benzo(a)pyrene	15.19	252	118770	8.278	ng	99
91) Benzo(a,h,i)perylene	17.00	276	54440	4.706	ng	93

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

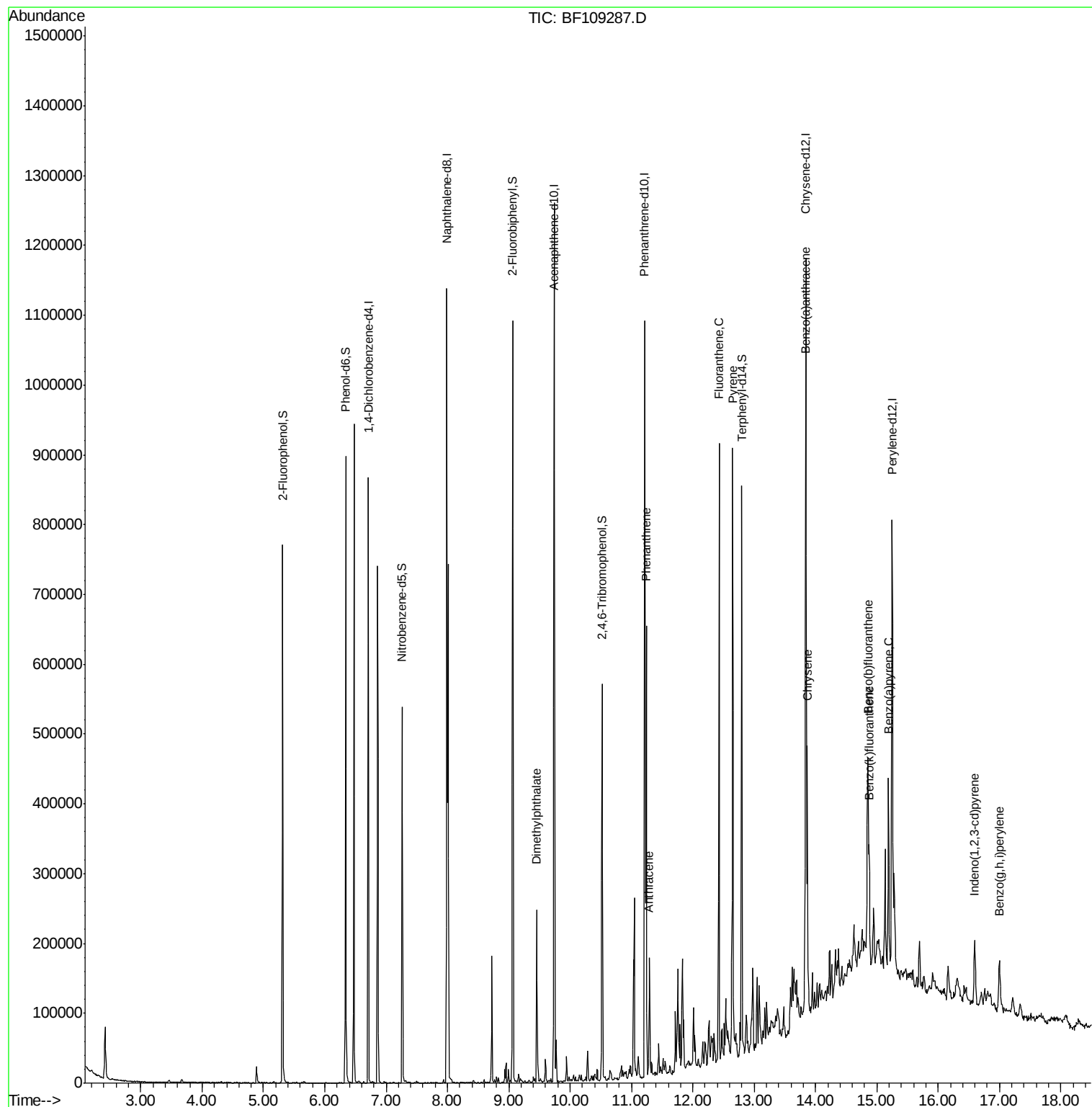
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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ALS Vial : 7 Sample Multiplier: 1

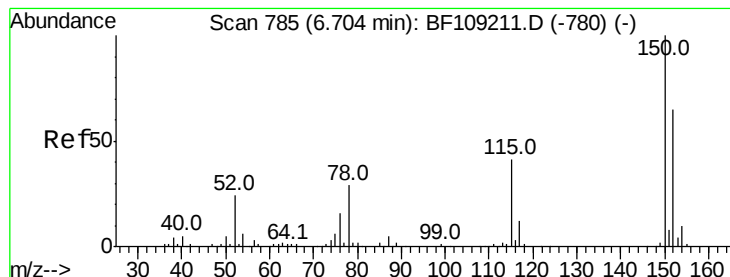
Instrument :
BNA_F
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NYSEG-CLRK-PH4-A14-B2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

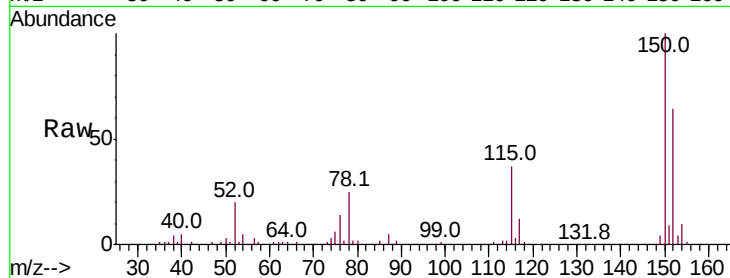
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.7	50.1	75.1

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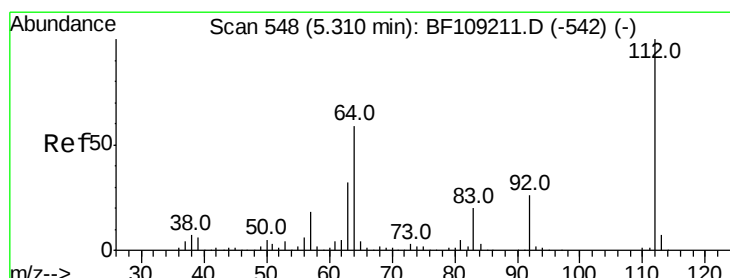
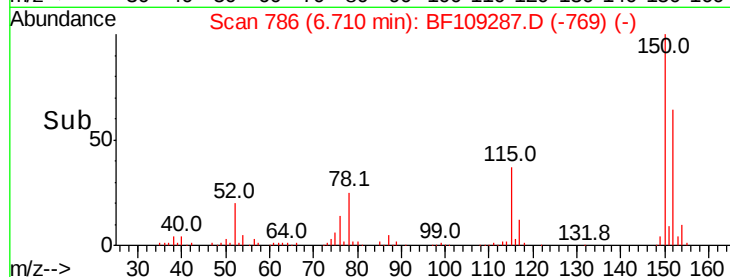
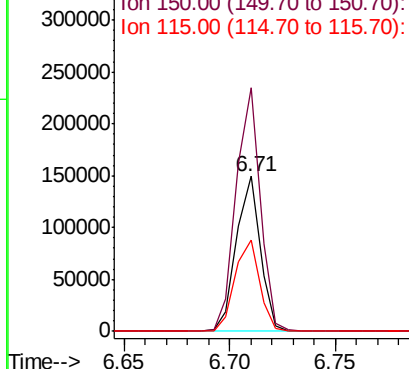


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

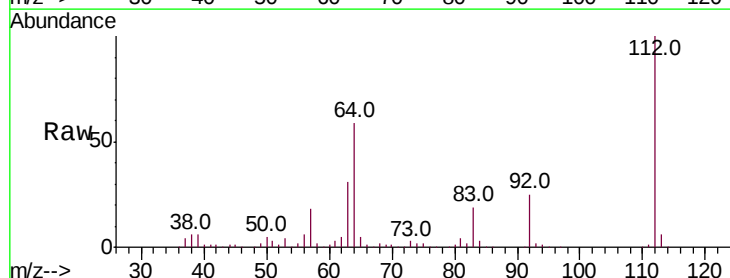
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 28.028 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.7	23.7	35.5

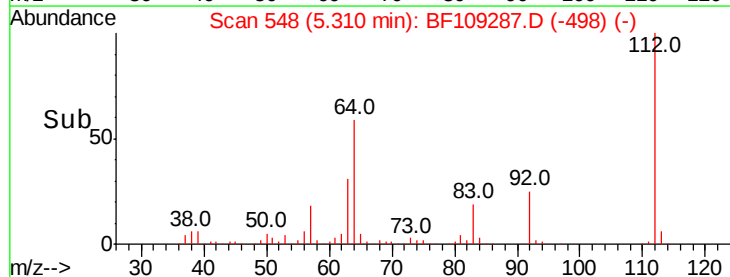
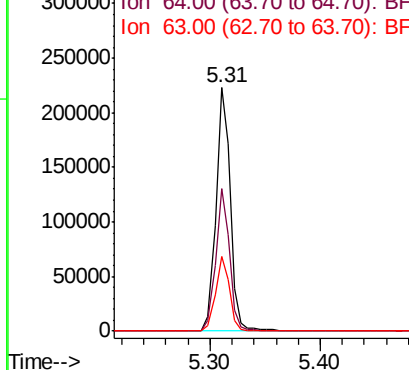


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.475 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109287.D

Acq: 25 Sep 2018 15:59

Instrument :

BNA_F

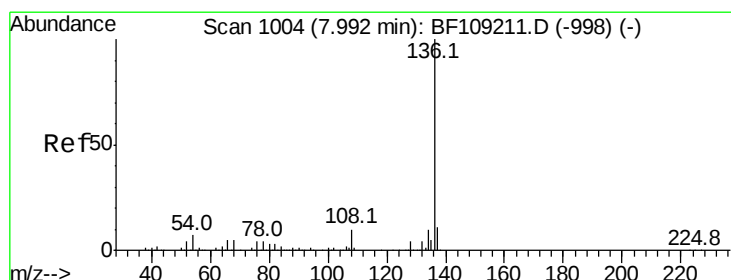
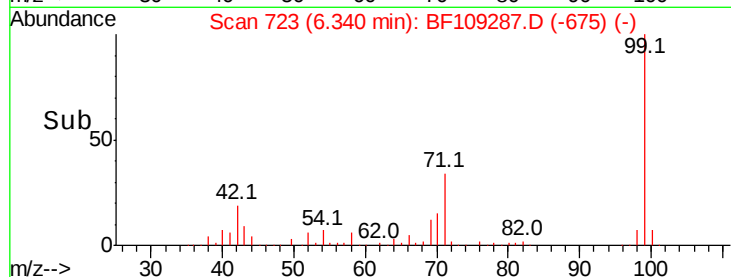
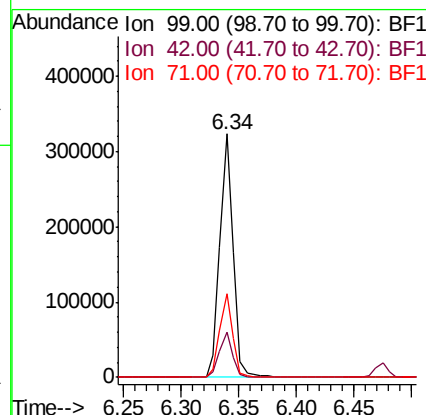
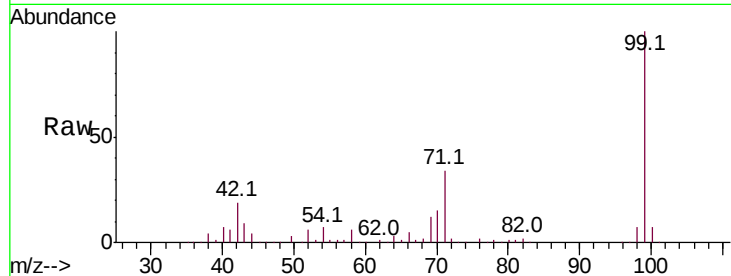
ClientSampleId :

NYSEG-CLRK-PH4-A14-B2

Tot Ion:	99	Resp:	258758
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	34.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

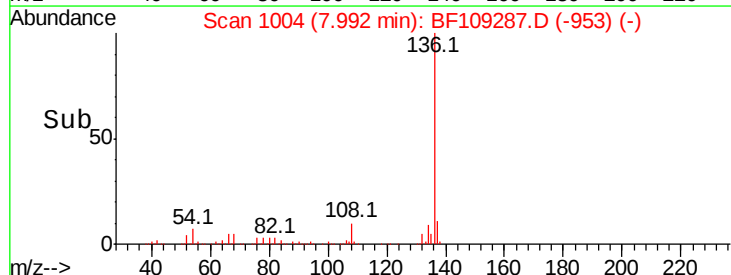
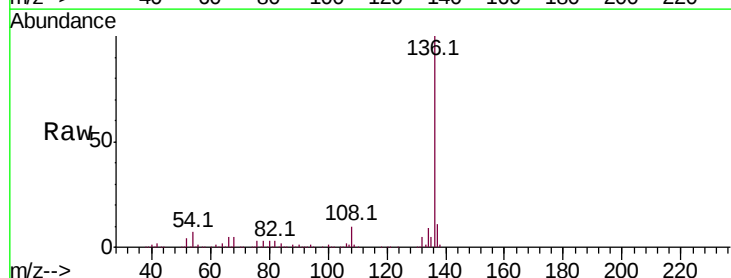
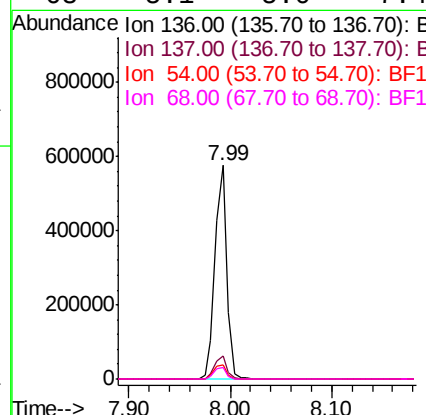
RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109287.D

Acq: 25 Sep 2018 15:59

Tgt Ion:	136	Resp:	469056
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	5.1	5.0	7.4





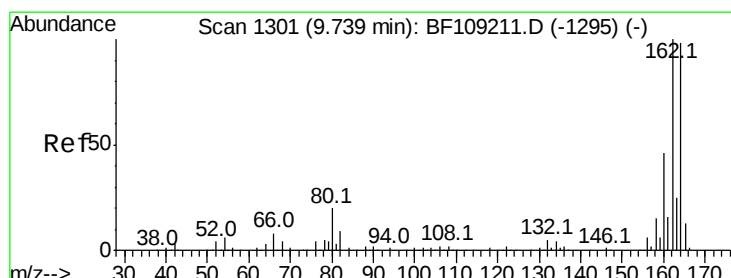
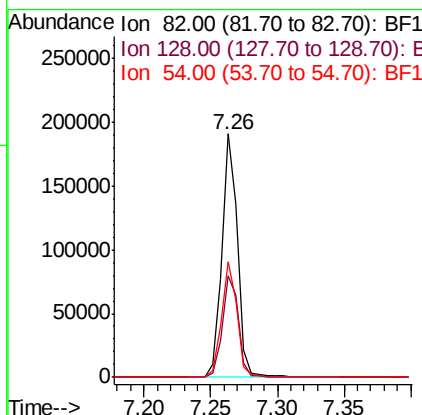
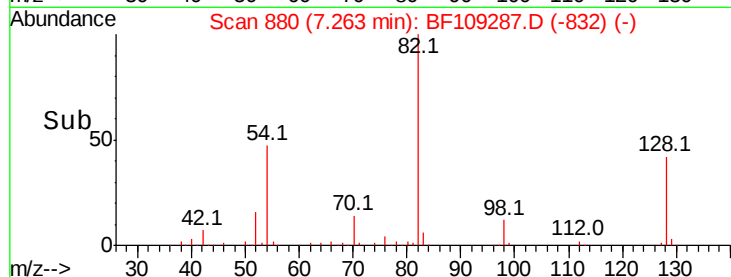
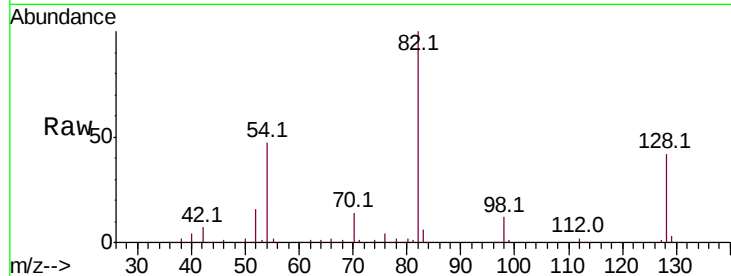
#23
Nitrobenzene-d5
Concen: 19.878 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	36.1	54.1	
54	47.4	41.4	62.2	

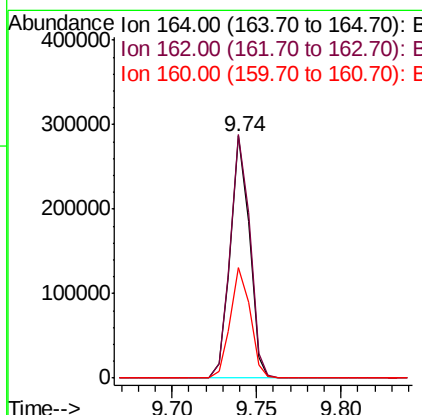
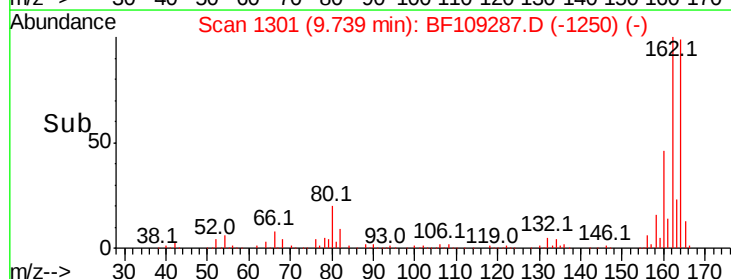
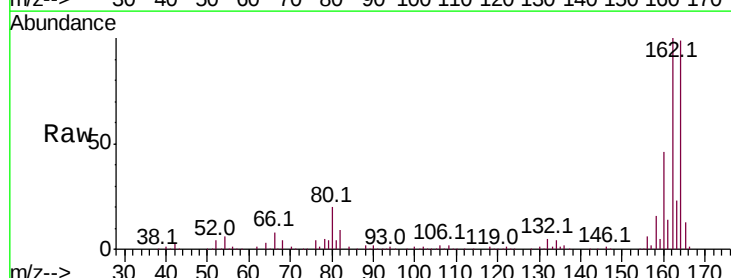
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	86.1	129.1	
160	45.9	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 26.457 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109287.D

Acq: 25 Sep 2018 15:59

Instrument :

BNA_F

ClientSampleId :

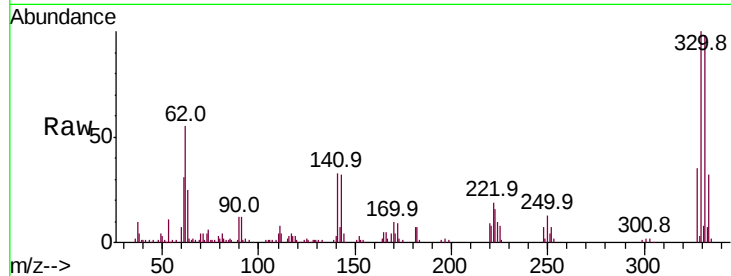
NYSEG-CLRK-PH4-A14-B2

Tot Ion:	330	Resp:	58705
Ion Ratio	Lower	Upper	
330	100		
332	98.7	77.0	115.6
141	33.7	29.9	44.9

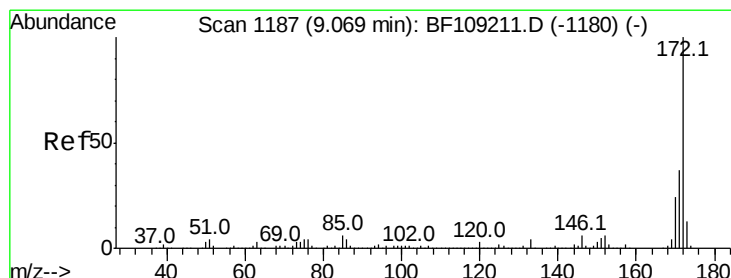
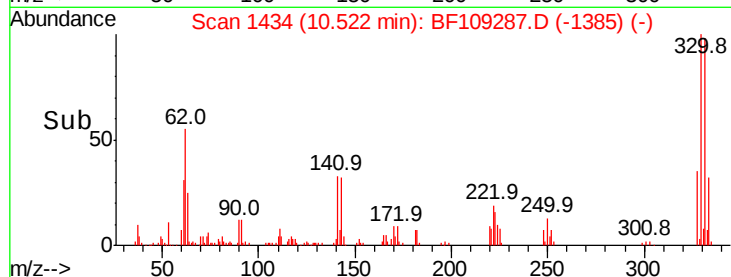
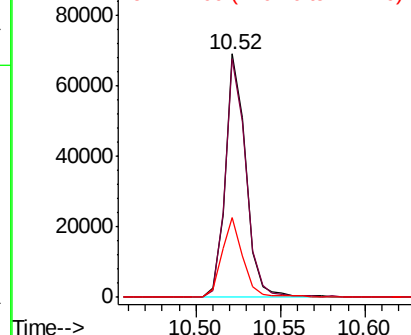
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 21.186 ng

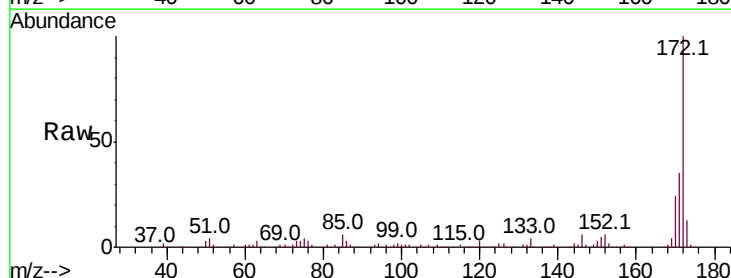
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

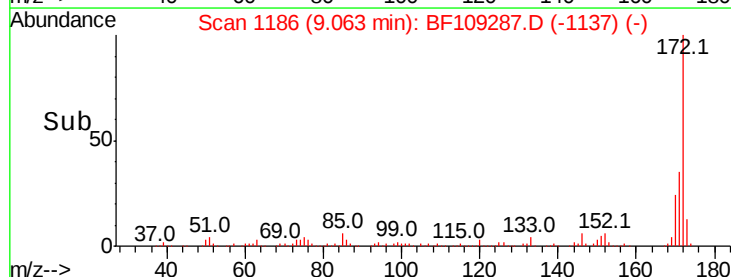
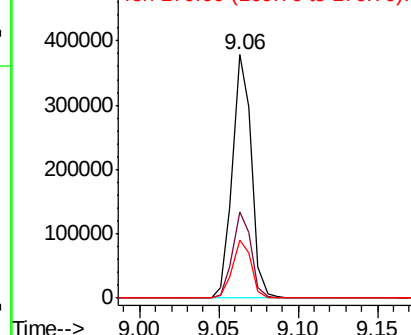
Lab File: BF109287.D

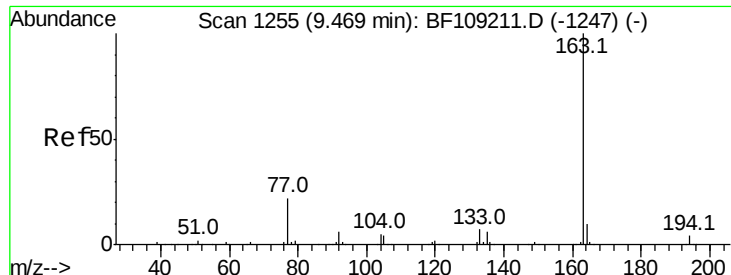
Acq: 25 Sep 2018 15:59

Tgt Ion:	172	Resp:	316190
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.7	19.6	29.4



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





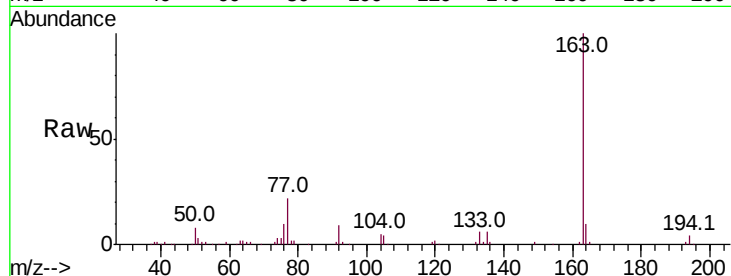
#49
Dimethylphthalate
Concen: 5.234 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	85694		
194	4.0		2.7	4.1
164	10.1		8.2	12.2

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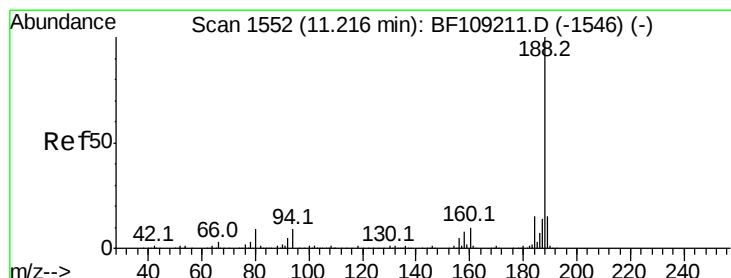
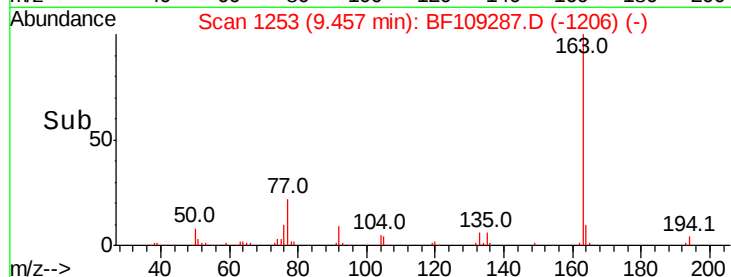
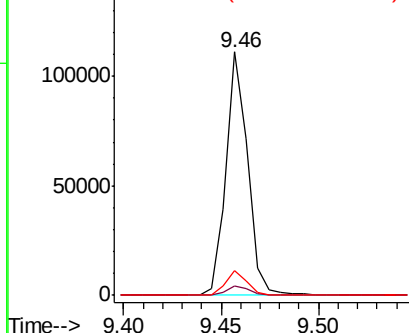


Abundance

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



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

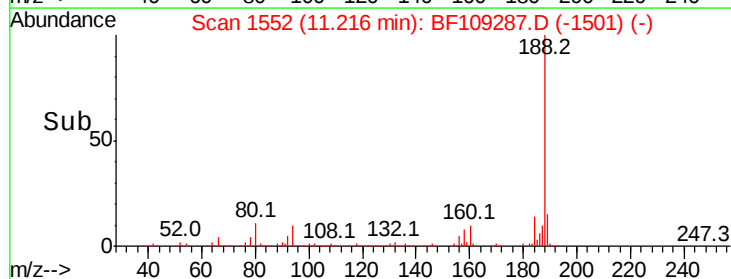
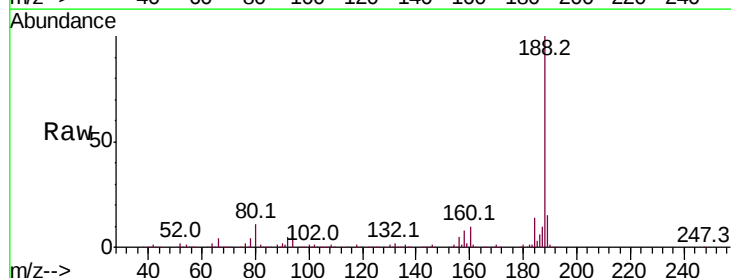
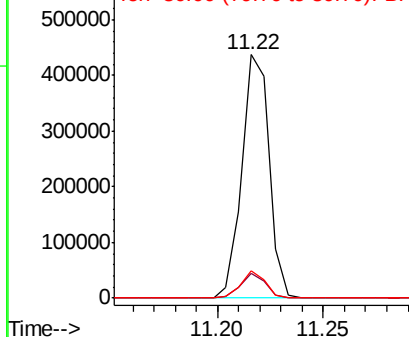
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	391760		
94	10.1		8.5	12.7
80	11.0		9.2	13.8

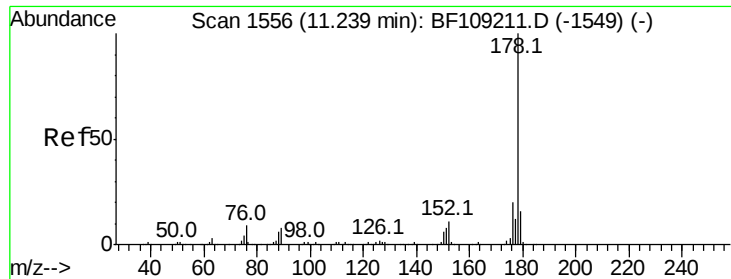
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





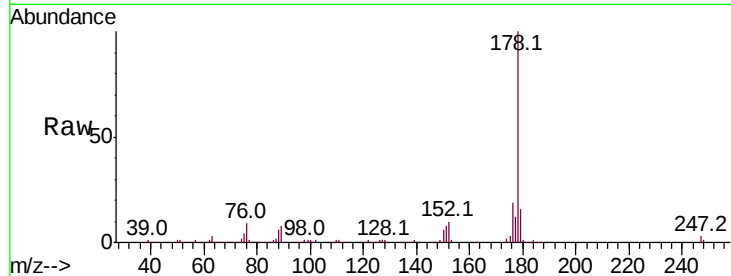
#70
Phenanthrene
Concen: 11.153 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

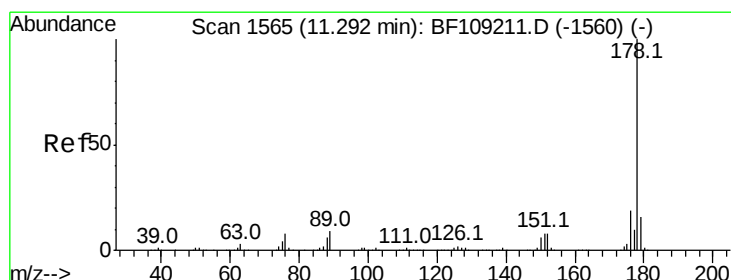
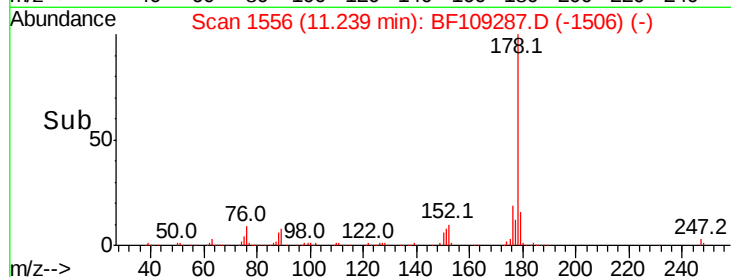
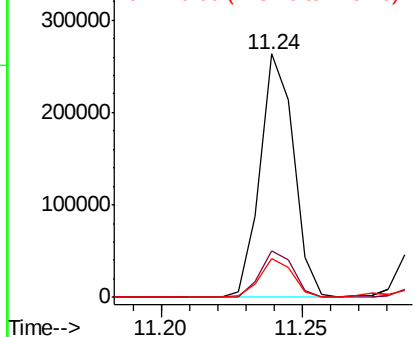
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.8	13.0	19.6

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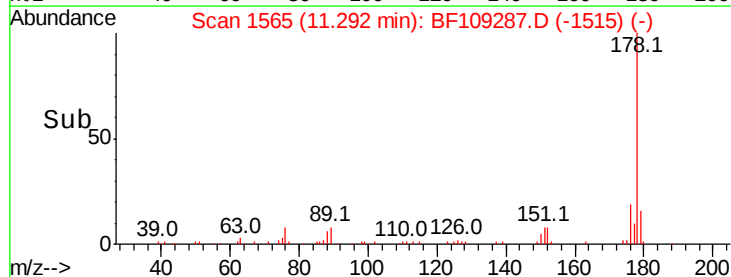
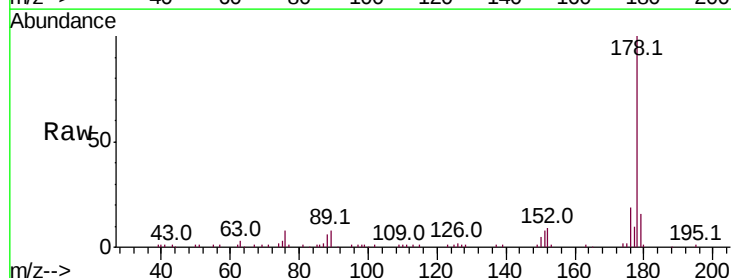
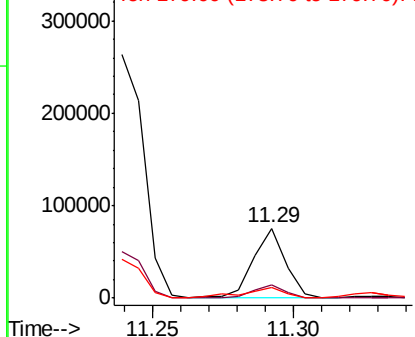
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

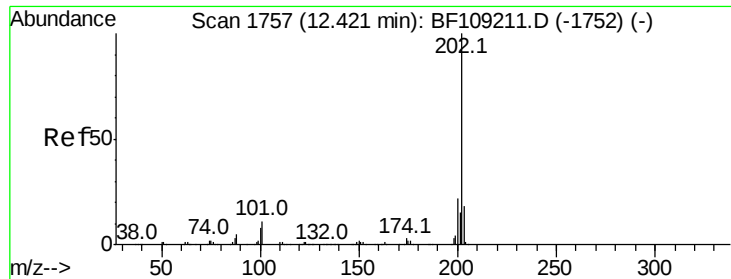


#71
Anthracene
Concen: 2.957 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 16.179 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF109287.D

Acq: 25 Sep 2018 15:59

Instrument :

BNA_F

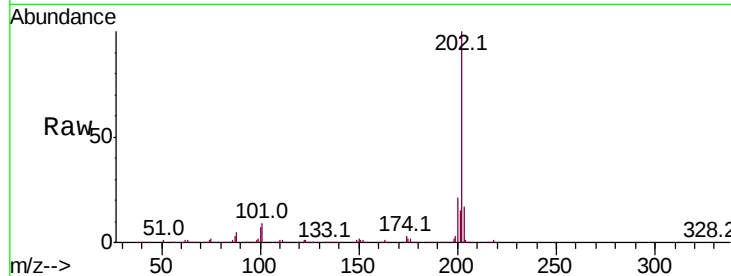
ClientSampleId :

NYSEG-CLRK-PH4-A14-B2

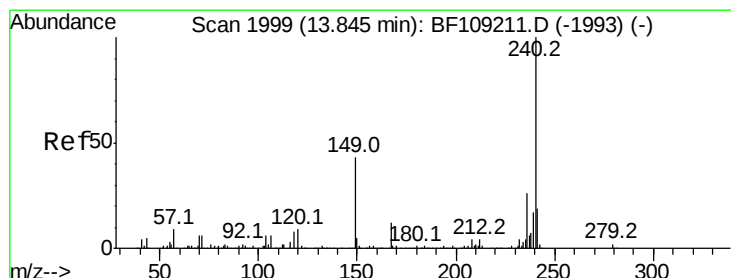
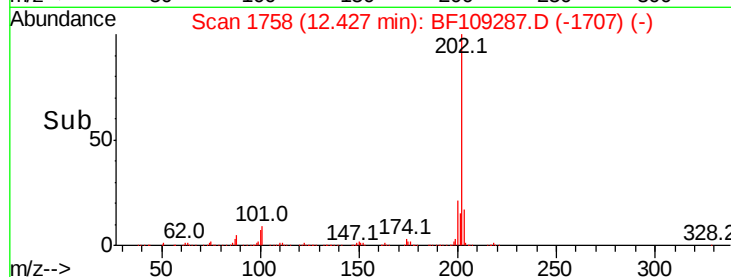
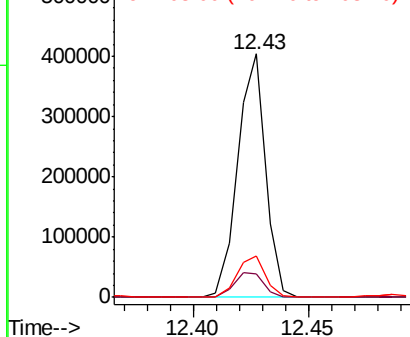
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	34.1
203	16.9	0.0	38.1

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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

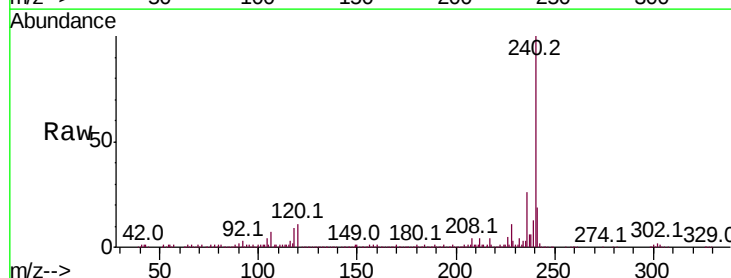
RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

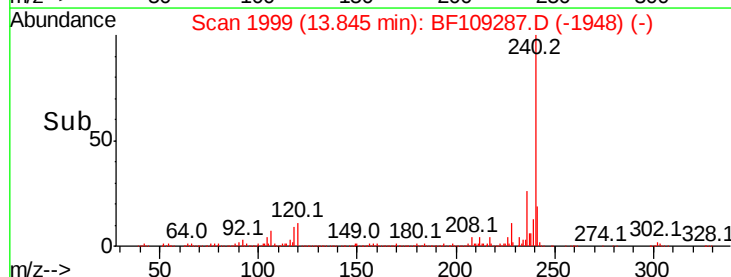
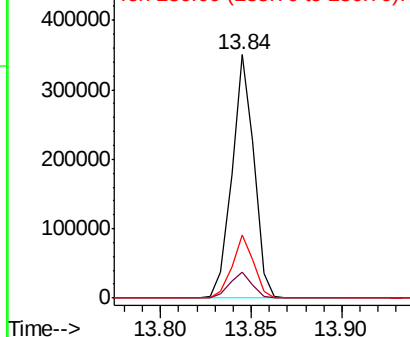
Lab File: BF109287.D

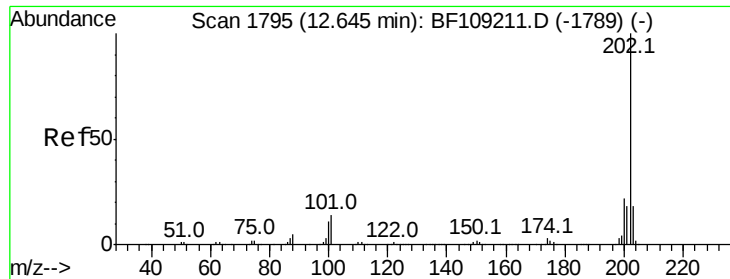
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.9	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





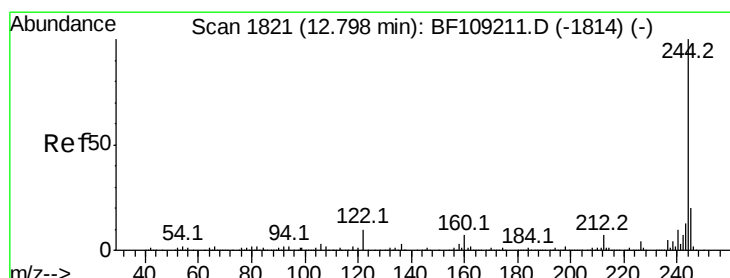
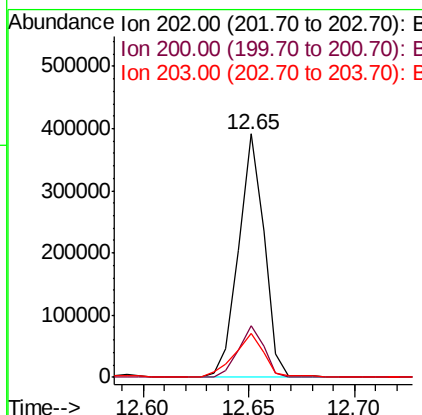
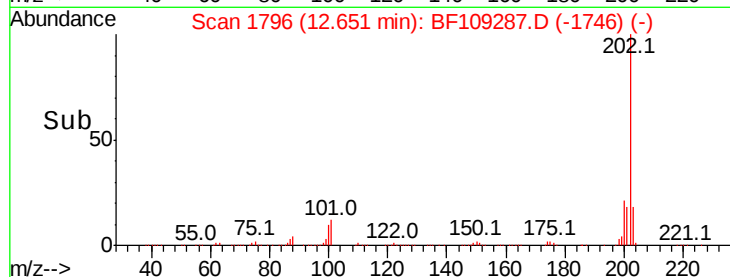
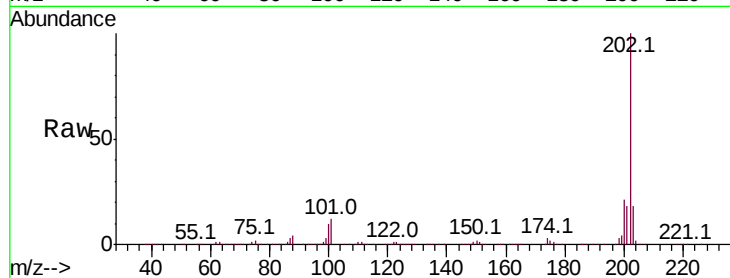
#77
Pvrene
Concen: 15.416 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

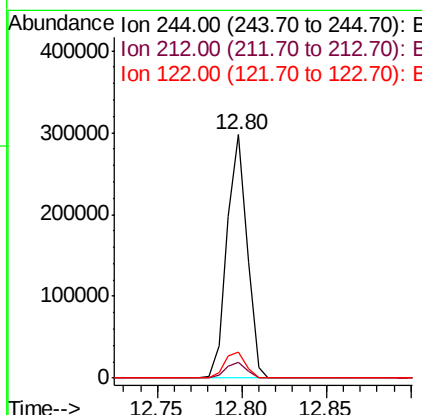
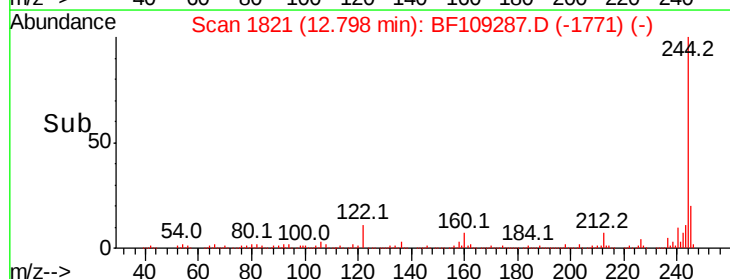
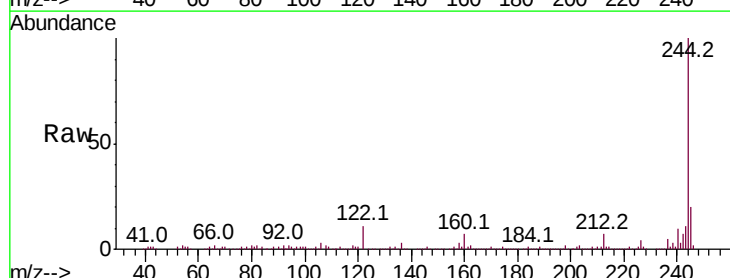
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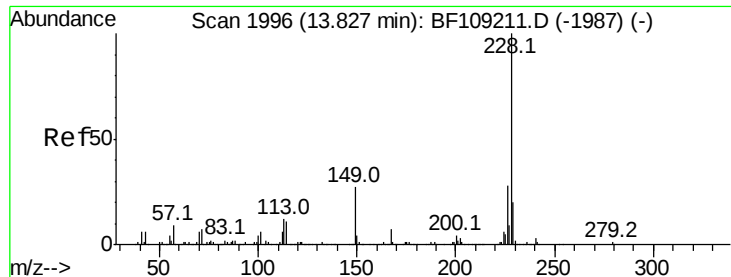
Sohil
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#78
Terphenyl-d14
Concen: 20.312 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.9	11.0	16.4#





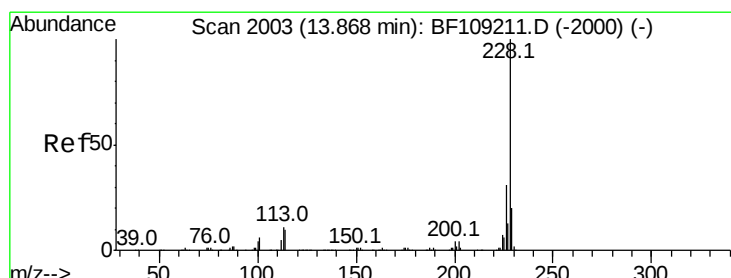
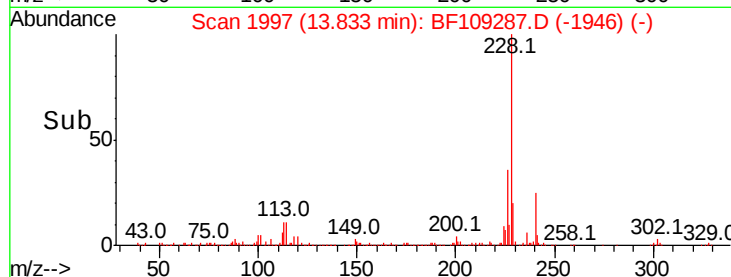
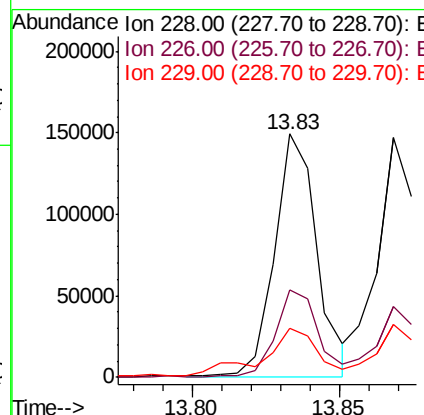
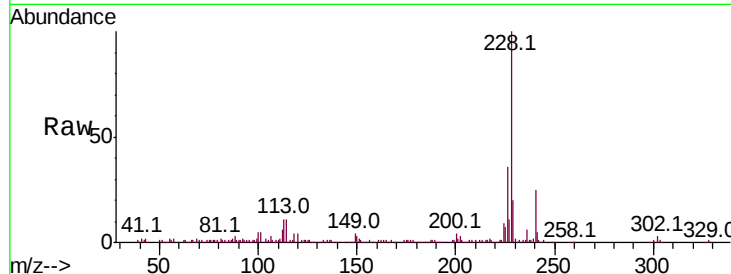
#80
Benzo(a)anthracene
Concen: 8.318 ng m
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	22.6	33.8#
229	20.3	15.8	23.6

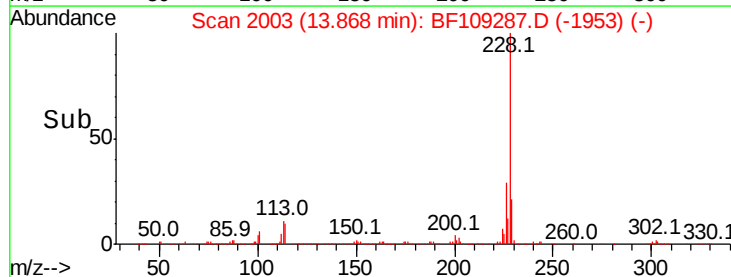
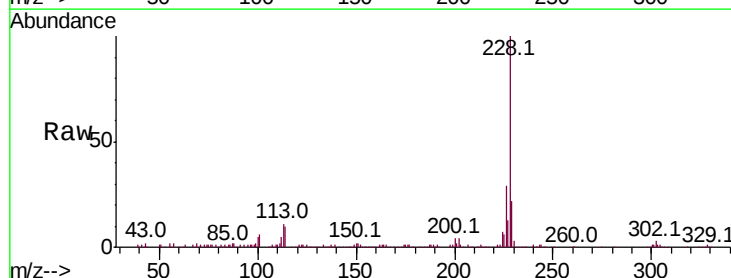
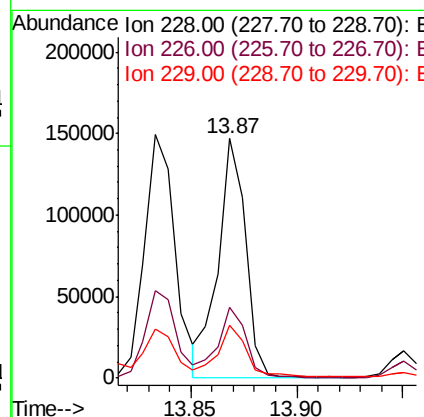
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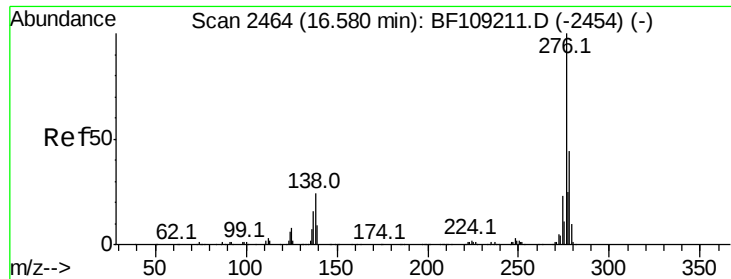
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#82
Chrysene
Concen: 7.462 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.9	16.2	24.4





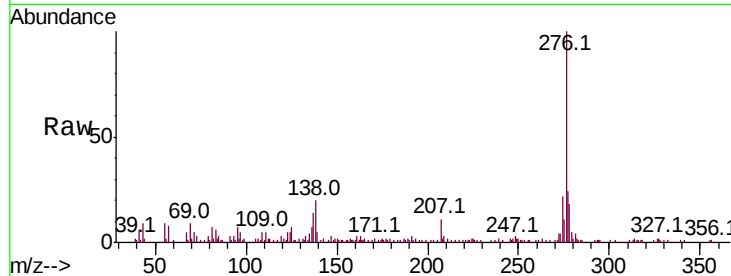
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.167 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109287.D
 Acq: 25 Sep 2018 15:59

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B2

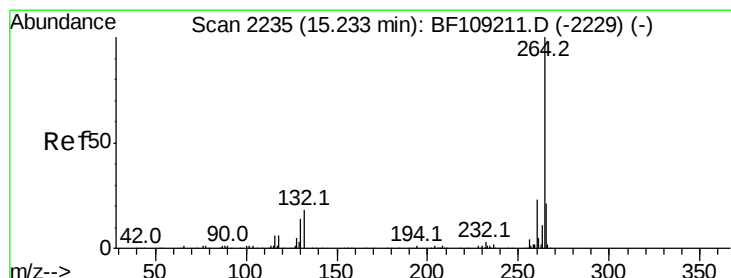
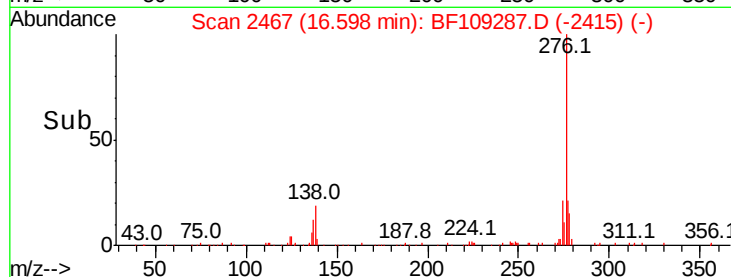
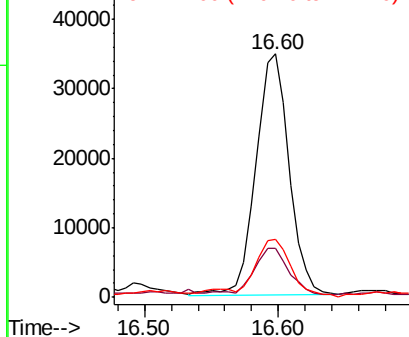
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	25.6	20.1	30.1

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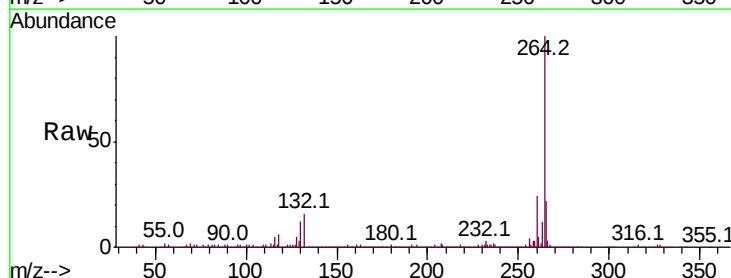


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

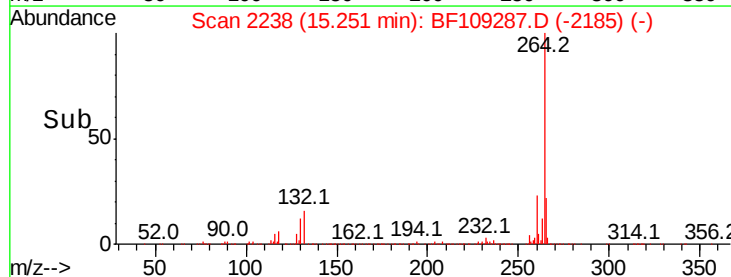
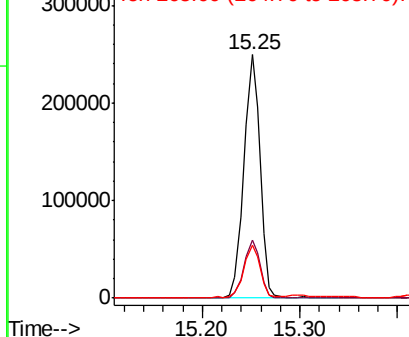


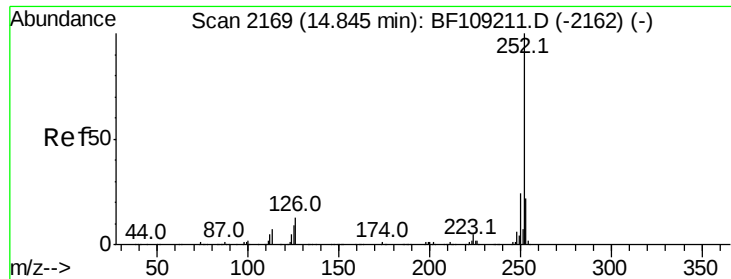
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109287.D
 Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





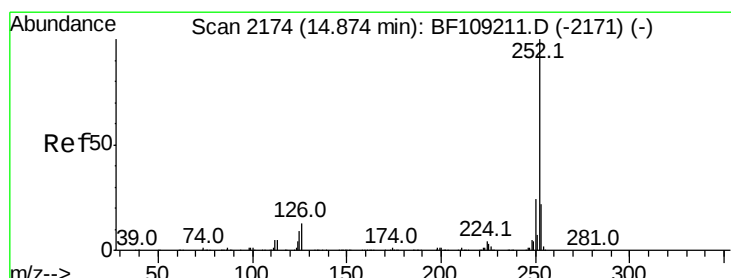
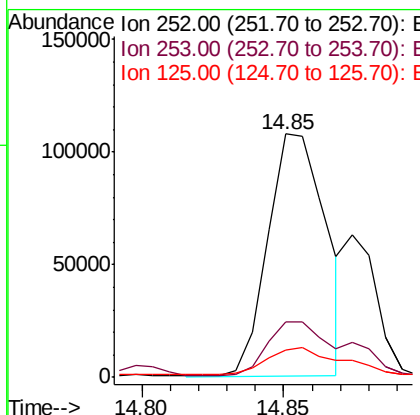
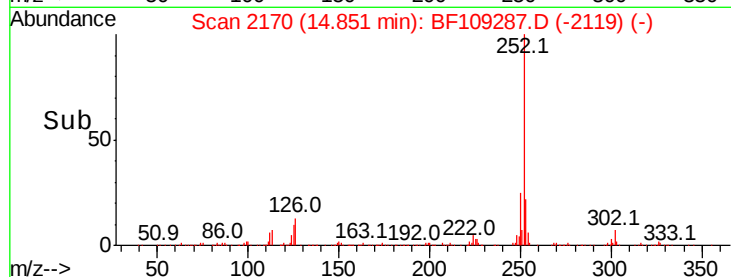
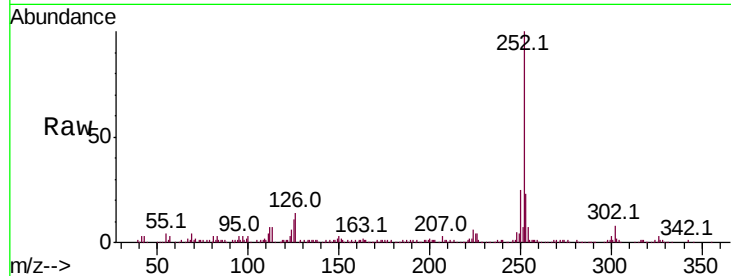
#87
Benzo(b)fluoranthene
Concen: 9.637 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.1	9.0	13.6

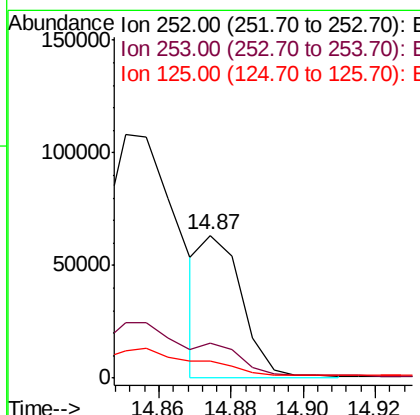
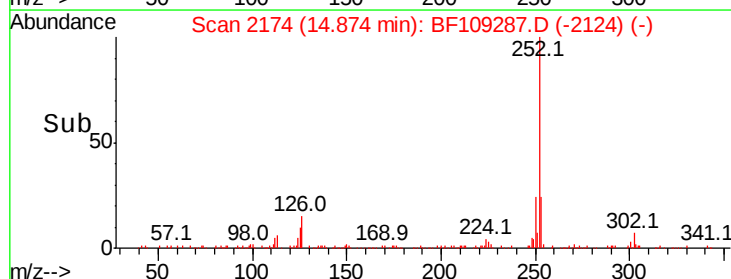
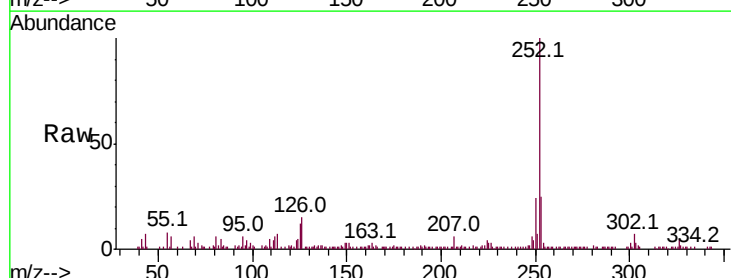
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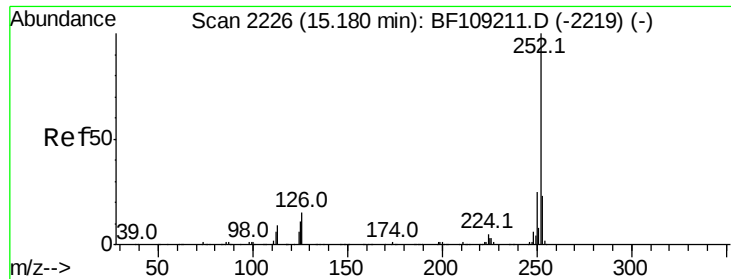
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#88
Benzo(k)fluoranthene
Concen: 3.259 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	11.7	10.2	15.2





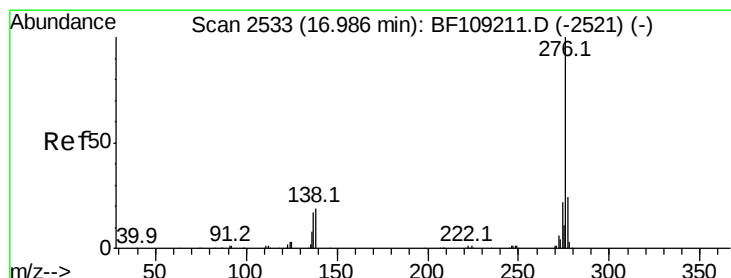
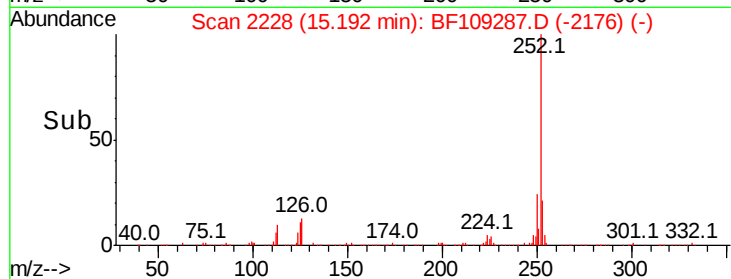
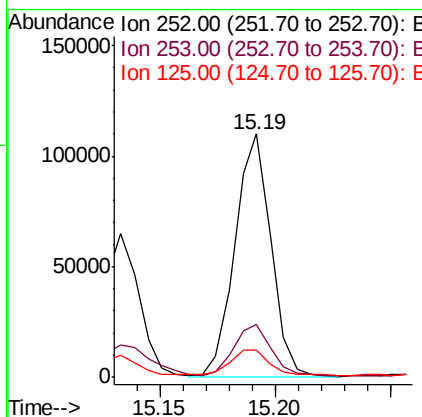
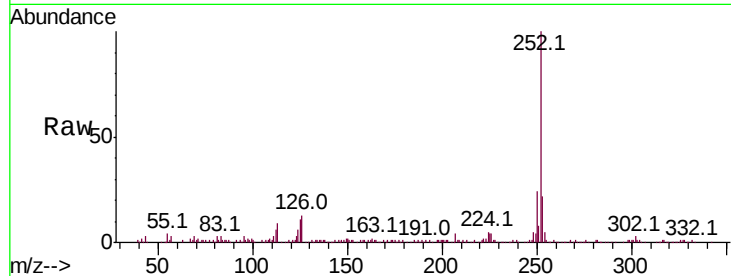
#89
Benzo(a)pyrene
Concen: 8.278 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	11.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.706 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF109287.D
Acq: 25 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	24.0	21.8	32.8

