

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122103.D
 Acq On : 23 Oct 2020 17:19
 Operator : JU/CG
 Sample : L4436-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 35B

Manual Integrations
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Quant Time: Oct 23 17:45:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	93471	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	353576	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	159816	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	256627	20.00	ng	0.00
76) Chrysene-d12	13.892	240	234962	20.00	ng	0.00
86) Perylene-d12	15.327	264	243413	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	626109	98.86	ng	0.00
7) Phenol-d6	6.375	99	776952	95.30	ng	0.00
23) Nitrobenzene-d5	7.293	82	539619	78.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	146558	74.13	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	844729	77.77	ng	0.00
79) Terphenyl-d14	12.833	244	676844	54.90	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.481	163	134120	11.48	ng	100
71) Phenanthrene	11.269	178	44450	3.16	ng	99
75) Fluoranthene	12.463	202	105219	6.97	ng	97
78) Pyrene	12.692	202	88787	4.96	ng	97
81) Benzo(a)anthracene	13.880	228	53909	3.50	ng	98
83) Chrysene	13.916	228	46818	3.10	ng	96
88) Benzo(b)fluoranthene	14.916	252	71521m	4.35	ng	
90) Benzo(a)pyrene	15.268	252	46220	3.25	ng	# 94
92) Benzo(g,h,i)perylene	17.174	276	31196	2.40	ng	97

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

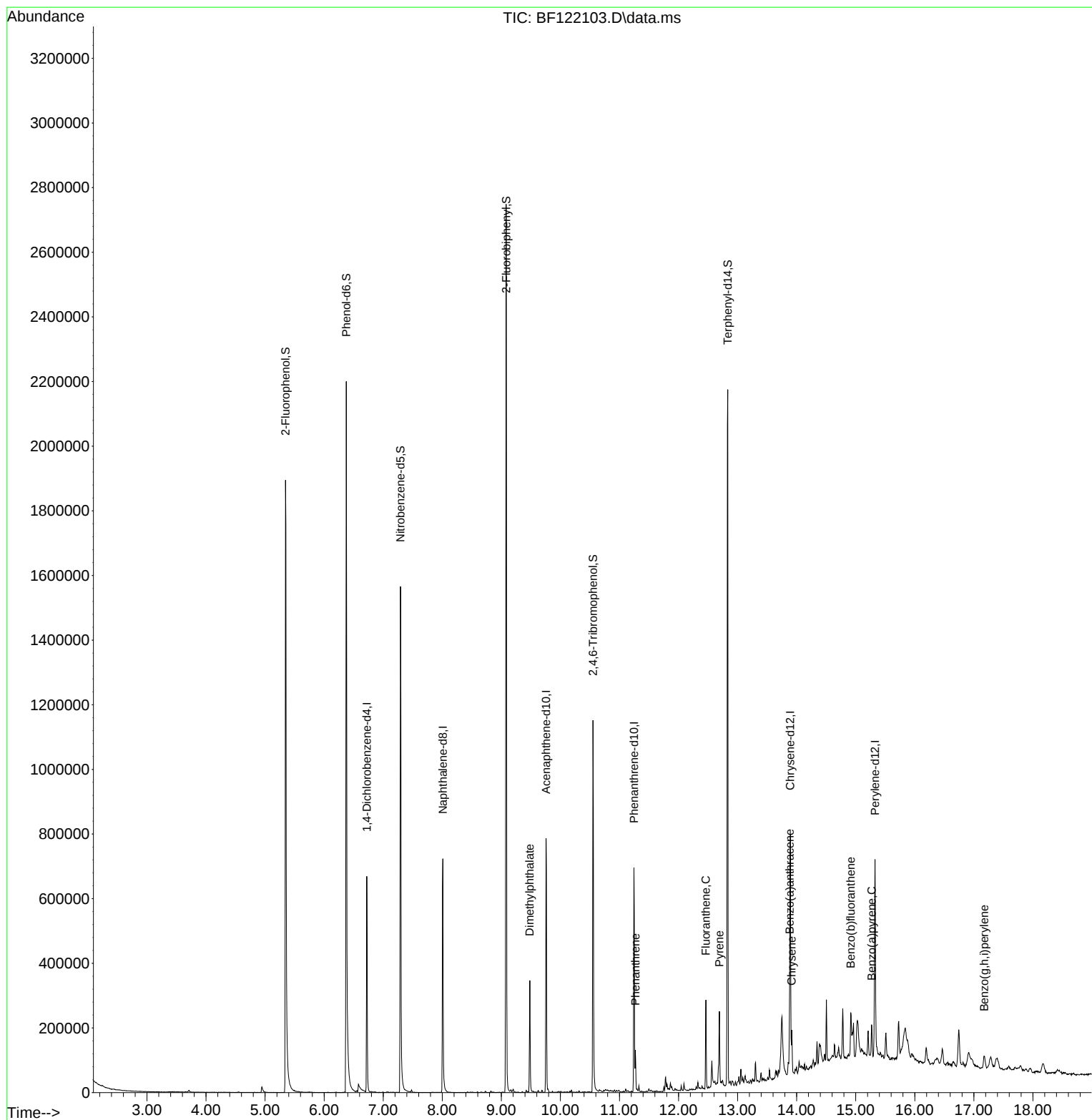
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Data File : BF122103.D
Acq On : 23 Oct 2020 17:19
Operator : JU/CG
Sample : L4436-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

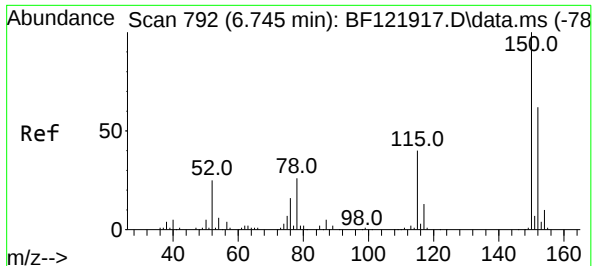
Instrument :
BNA_F
ClientSampleId :
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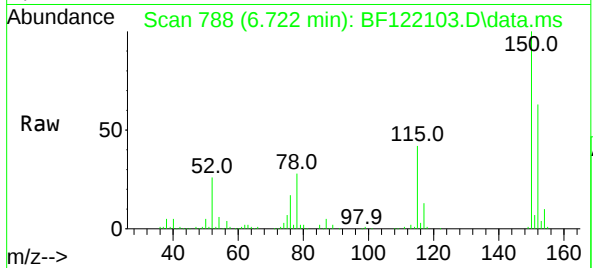
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Quant Time: Oct 23 17:45:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

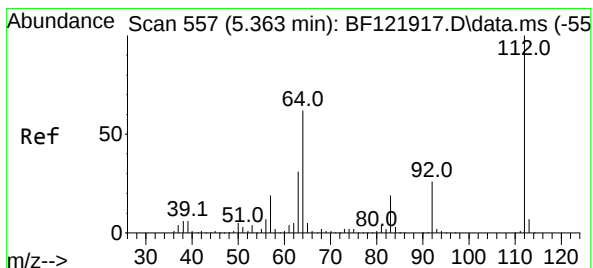
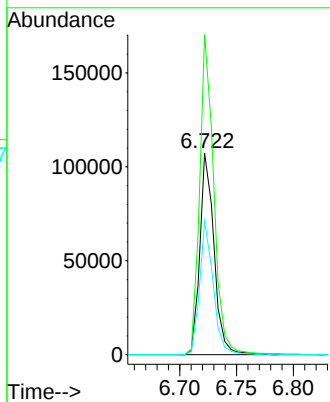
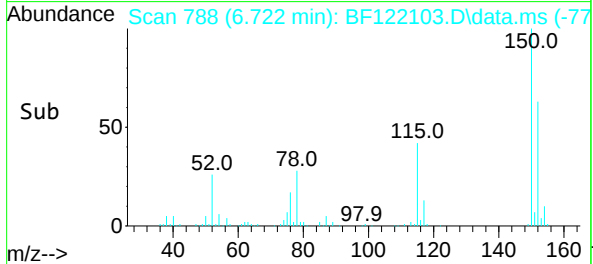




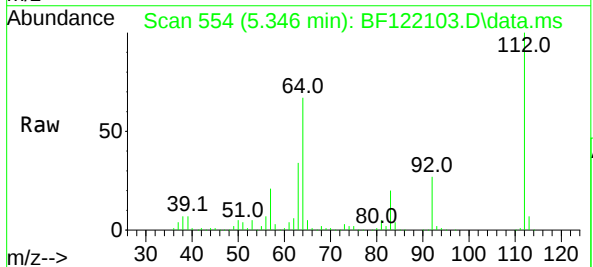
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



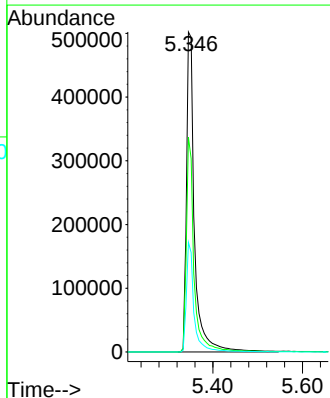
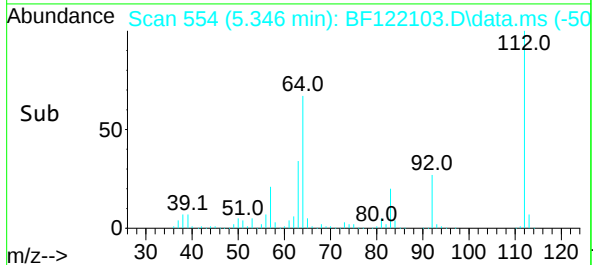
Tgt Ion:152 Resp: 93471
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 66.2 51.9 77.9



#5
2-Fluorophenol
Concen: 98.86 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



Tgt Ion:112 Resp: 626109
Ion Ratio Lower Upper
112 100
64 67.0 50.4 75.6
63 34.3 25.8 38.6



Instrument :
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ClientSampleId :
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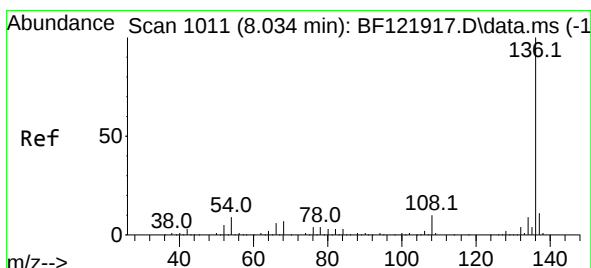
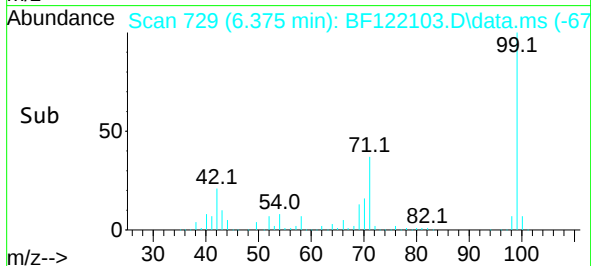
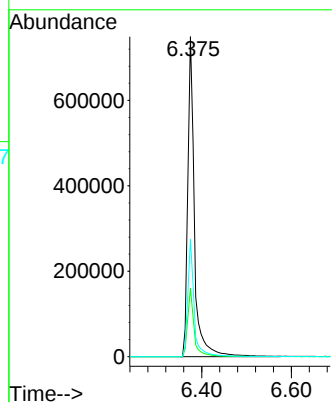
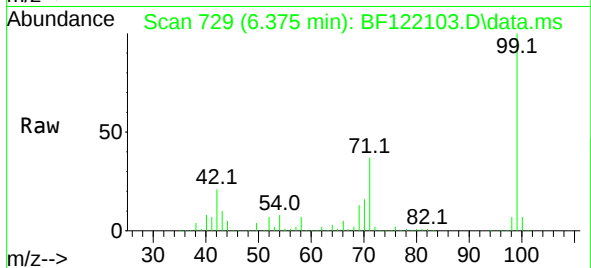
#7
Phenol-d6
Concen: 95.30 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19

Tgt Ion: 99 Resp: 776952
Ion Ratio Lower Upper
99 100
42 21.4 15.9 23.9
71 36.7 27.1 40.7

Instrument :
BNA_F
ClientSampled :
35B

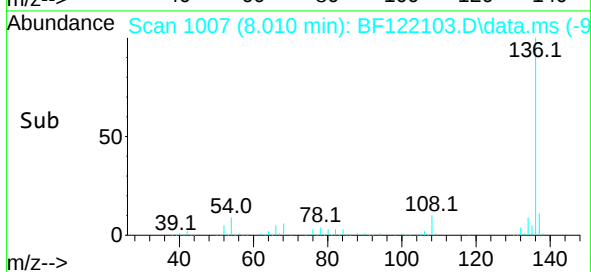
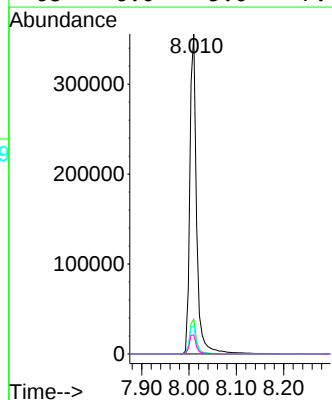
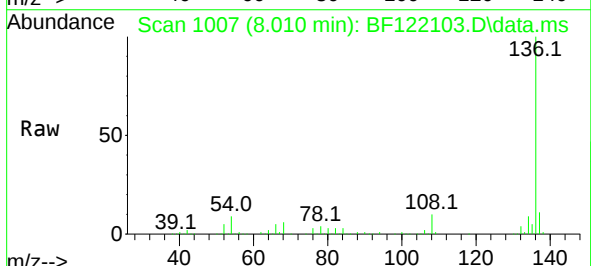
Manual Integrations
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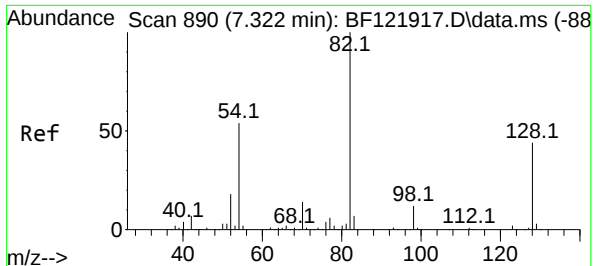
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19

Tgt Ion: 136 Resp: 353576
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.27 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF122103.D

Acq: 23 Oct 2020 17:19

Tgt Ion: 82 Resp: 539619

Ion Ratio Lower Upper

82 100

128 40.9 35.0 52.4

54 55.6 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

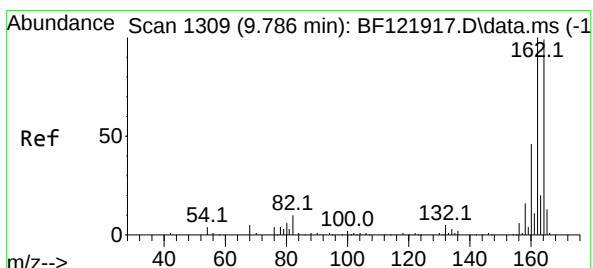
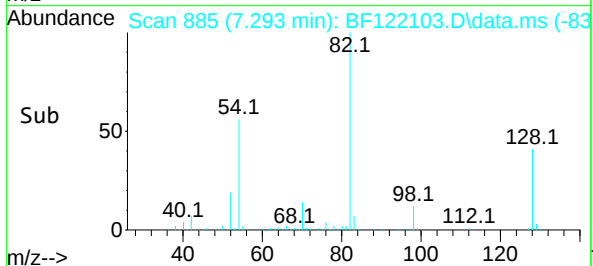
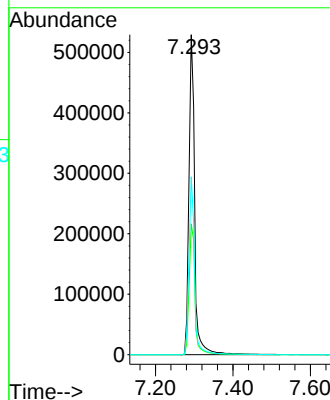
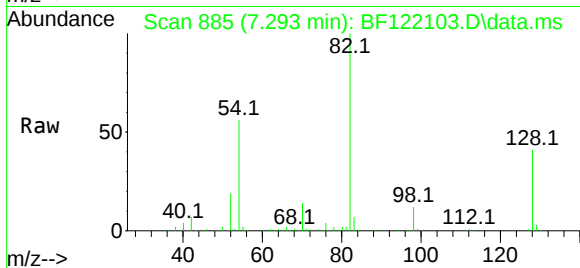
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF122103.D

Acq: 23 Oct 2020 17:19

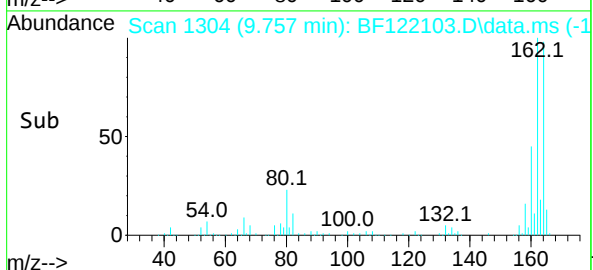
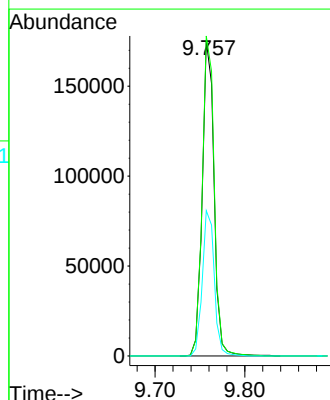
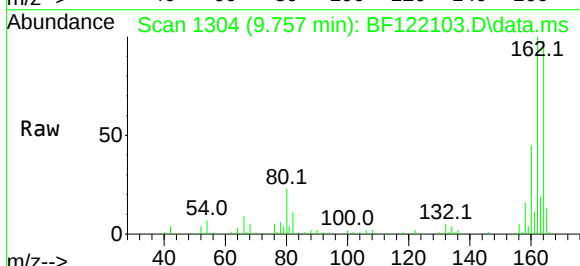
Tgt Ion:164 Resp: 159816

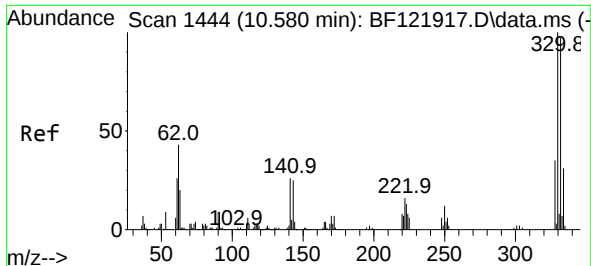
Ion Ratio Lower Upper

164 100

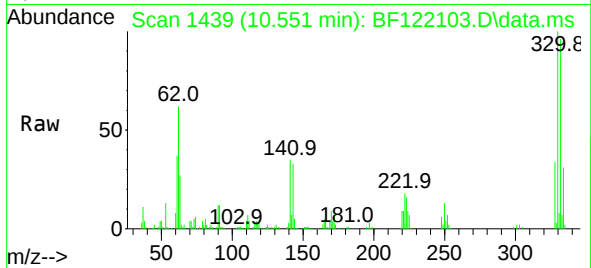
162 101.6 83.2 124.8

160 46.1 37.5 56.3

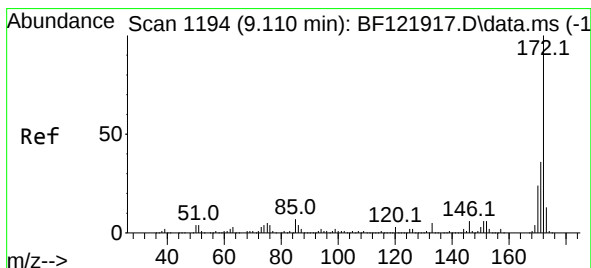
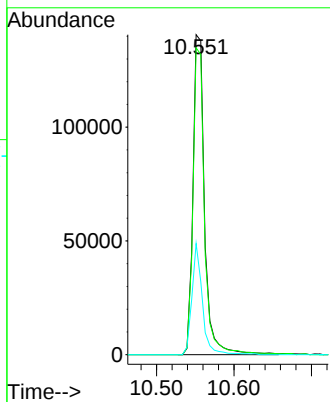
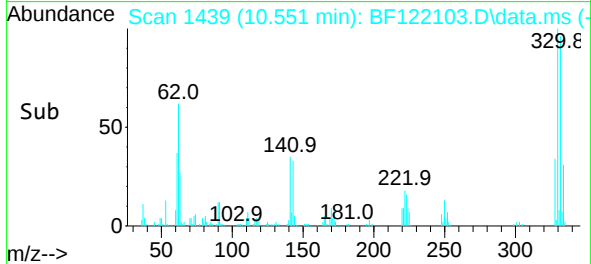




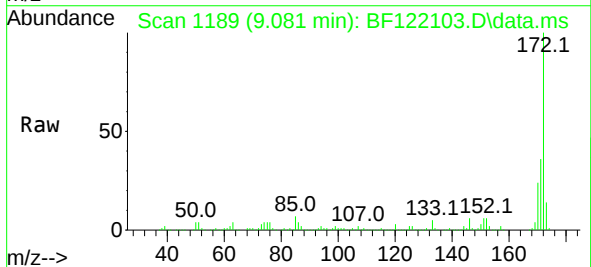
#42
2,4,6-Tribromophenol
Concen: 74.13 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



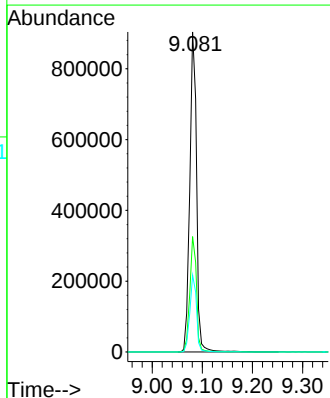
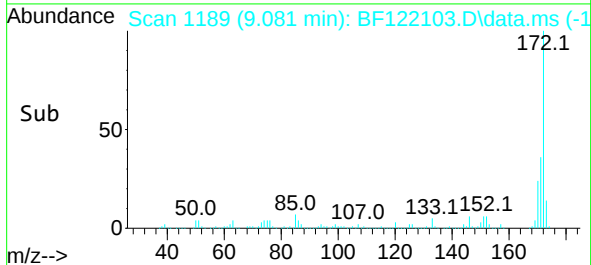
Tgt Ion: 330 Resp: 146558
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.77 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



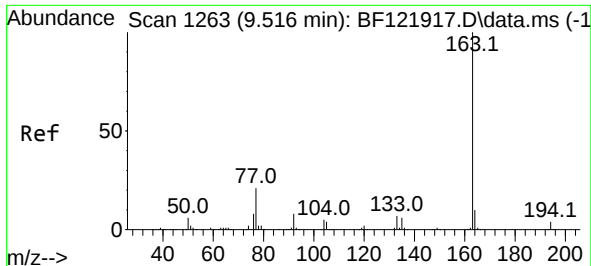
Tgt Ion: 172 Resp: 844729
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6



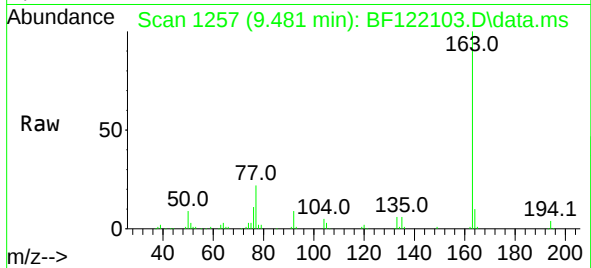
Instrument :
BNA_F
ClientSampleId :
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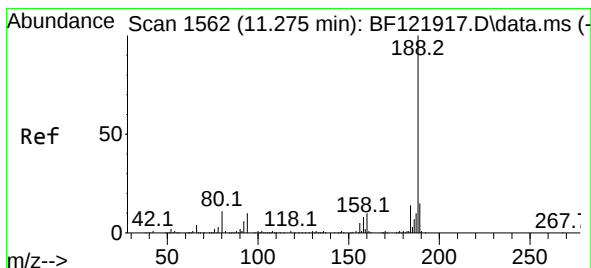
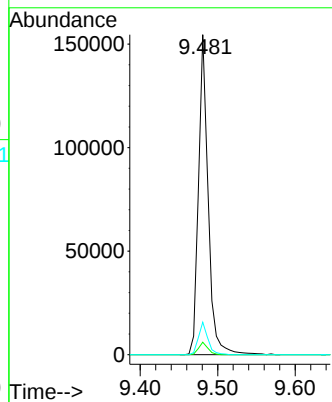
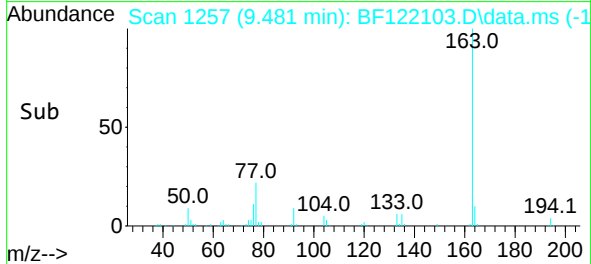
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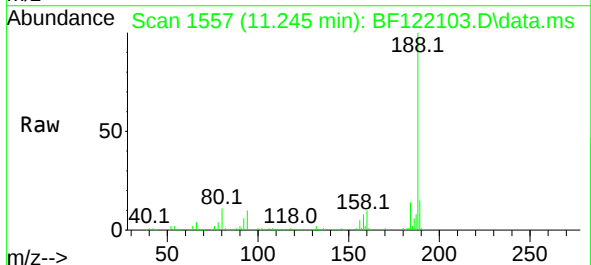
#50
Dimethylphthalate
Concen: 11.48 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



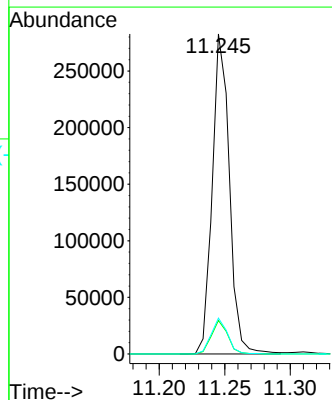
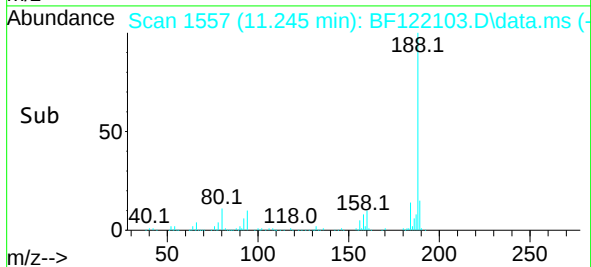
Tgt Ion:163 Resp: 134120
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



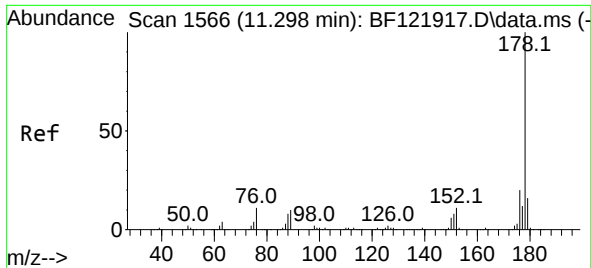
Tgt Ion:188 Resp: 256627
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7



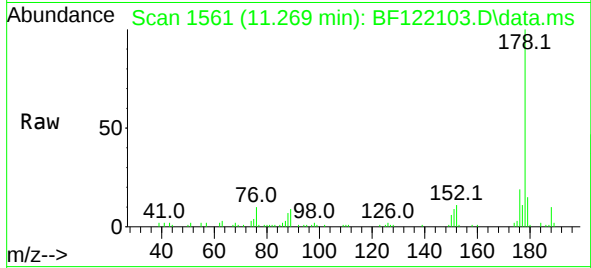
Instrument :
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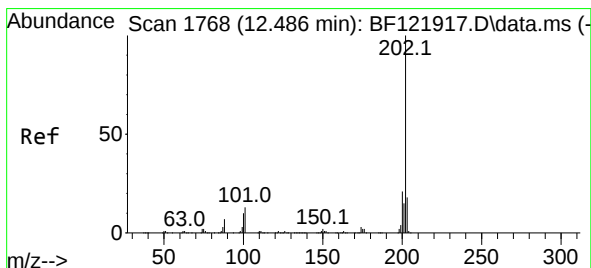
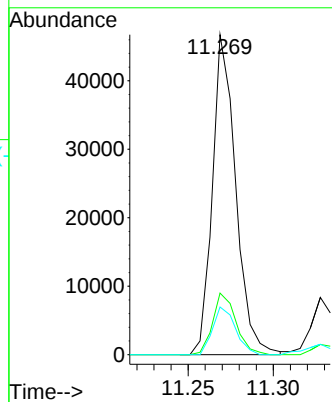
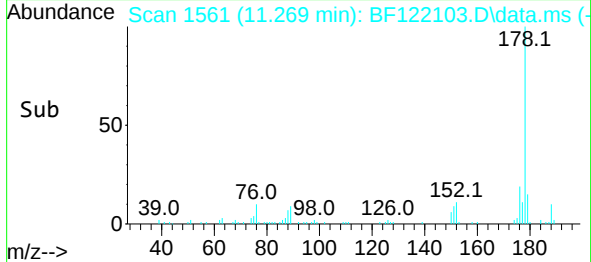
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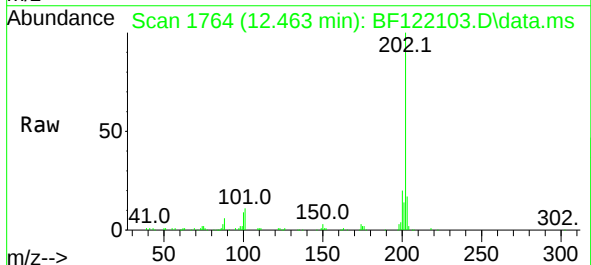
#71
Phenanthrene
Concen: 3.16 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



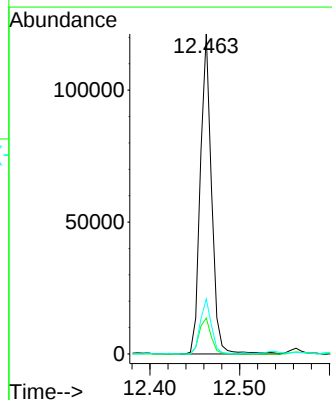
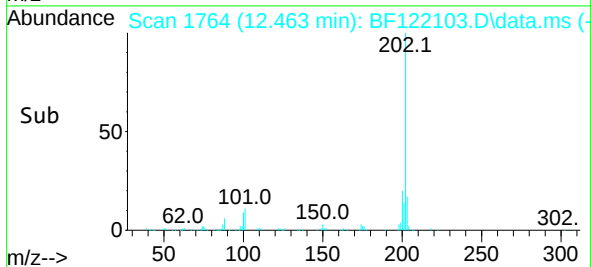
Tgt Ion:178 Resp: 44450
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.9 12.2 18.4



#75
Fluoranthene
Concen: 6.97 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



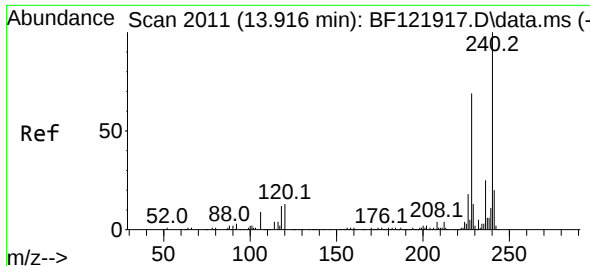
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Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.4
203 17.2 0.0 37.9



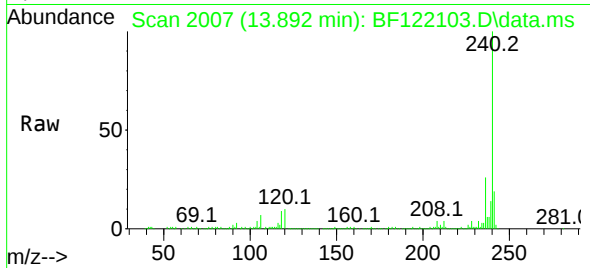
Instrument :
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ClientSampled :
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19

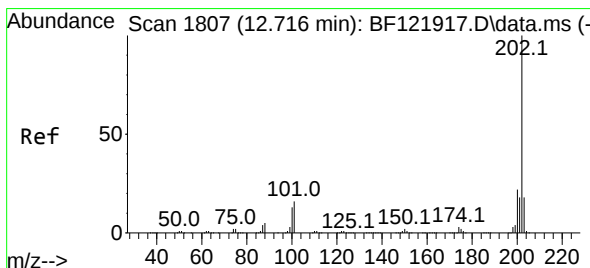
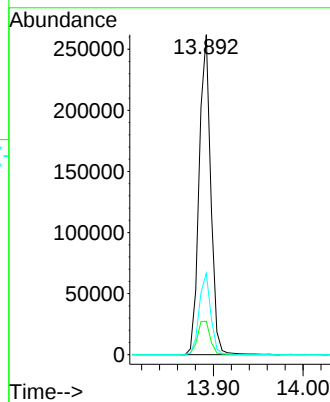
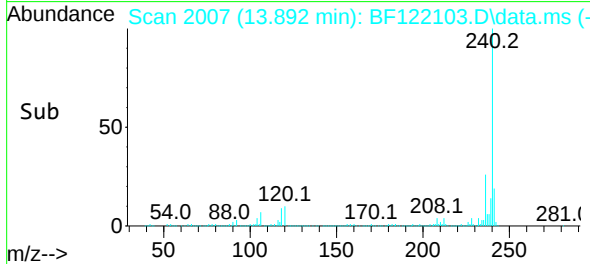


Tgt Ion:240 Resp: 234962
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.5 20.9 31.3

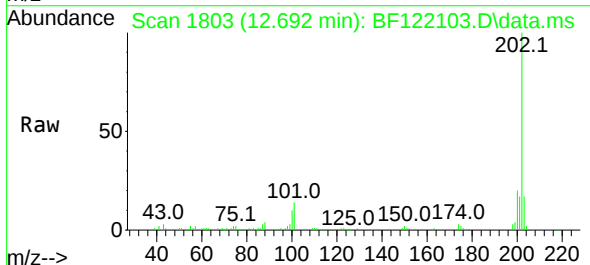
Instrument :
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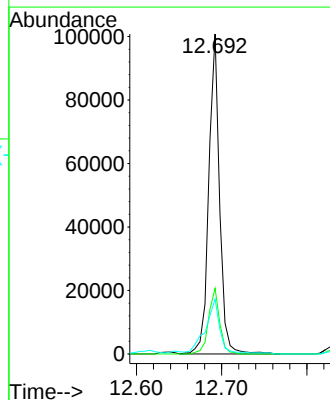
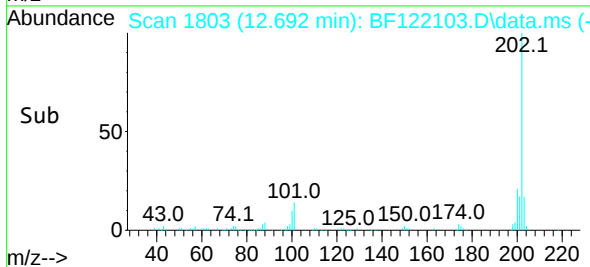
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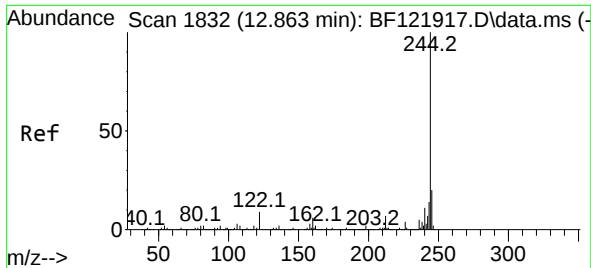


#78
Pyrene
Concen: 4.96 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



Tgt Ion:202 Resp: 88787
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.1 14.6 21.8





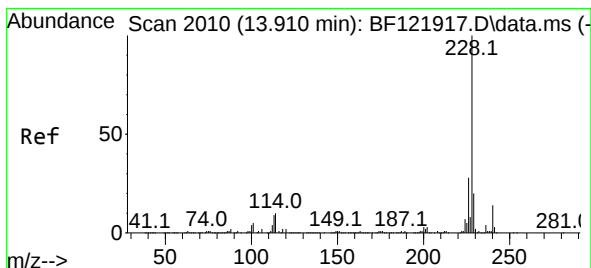
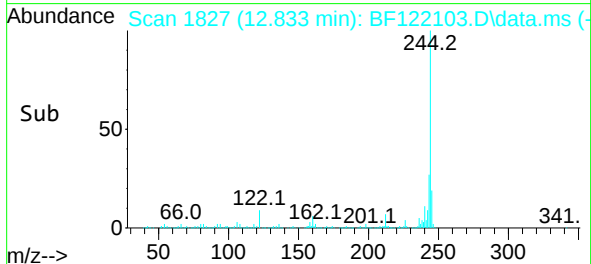
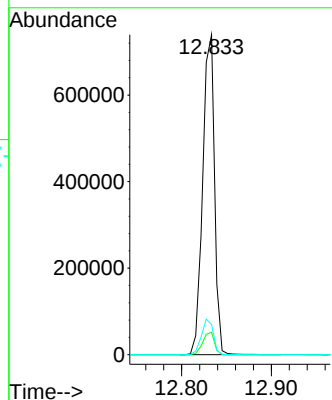
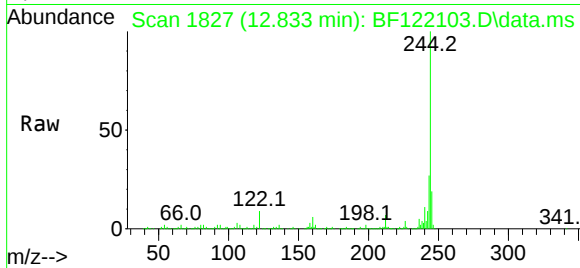
#79
Terphenyl-d14
Concen: 54.90 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19

Tgt Ion:244 Resp: 676844
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.4 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
35B

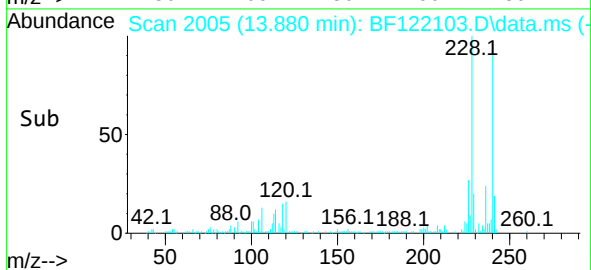
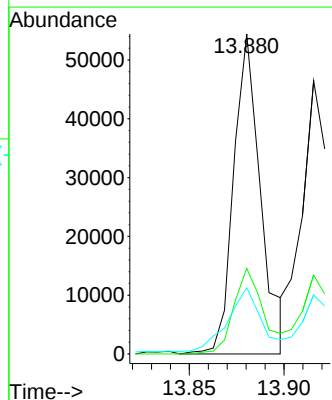
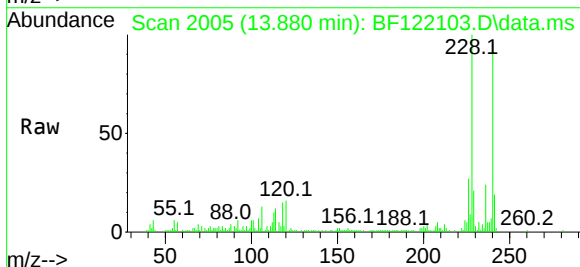
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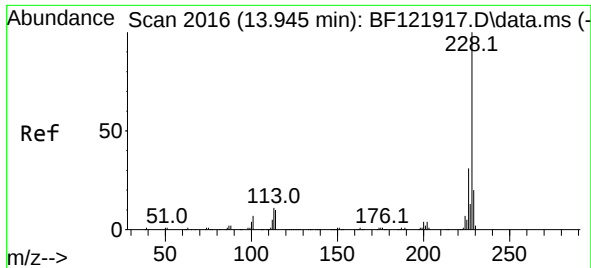
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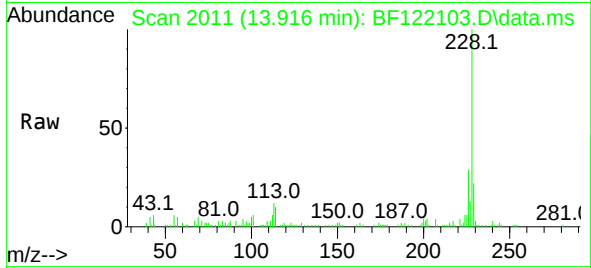
#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19

Tgt Ion:228 Resp: 53909
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 20.7 16.2 24.4

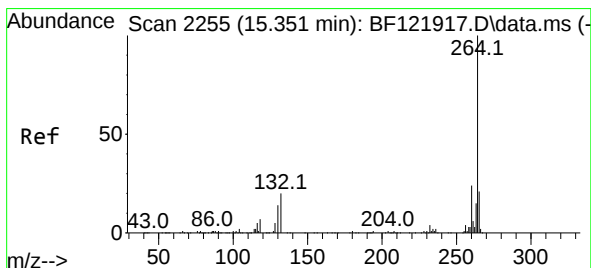
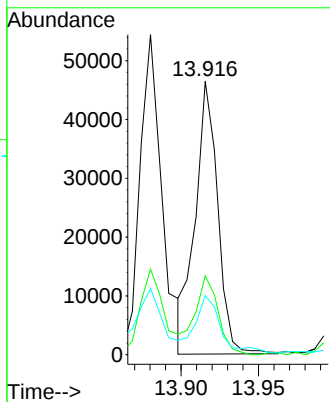
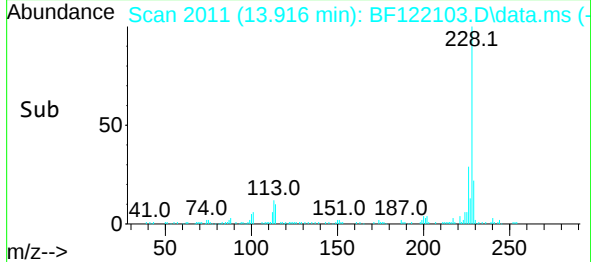




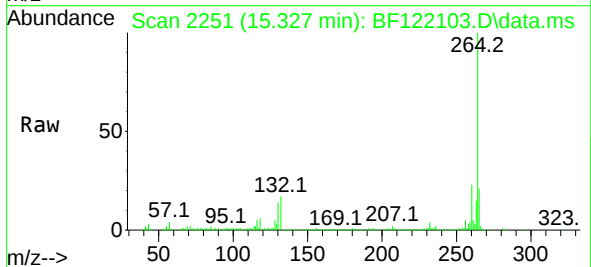
#83
Chrysene
Concen: 3.10 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



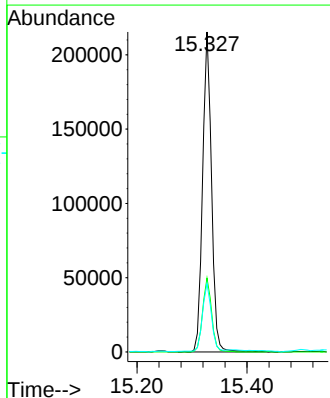
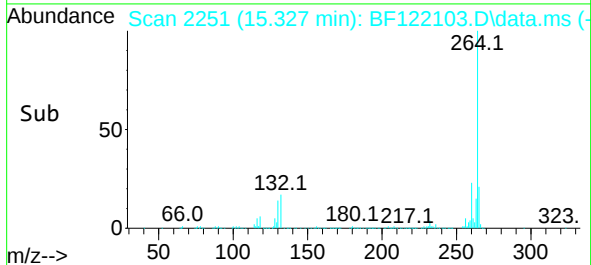
Tgt Ion:228 Resp: 46818
Ion Ratio Lower Upper
228 100
226 28.9 24.6 37.0
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



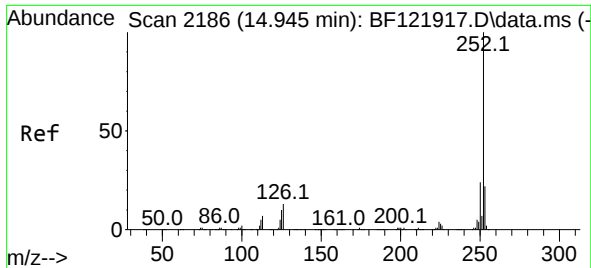
Tgt Ion:264 Resp: 243413
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.3 17.3 25.9



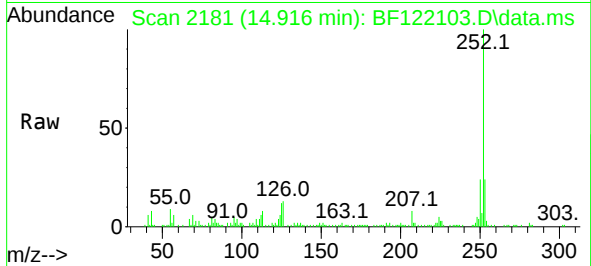
Instrument :
BNA_F
ClientSampled :
35B

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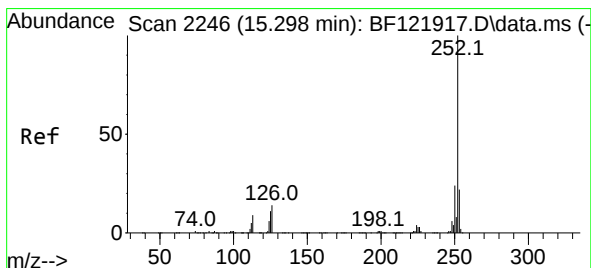
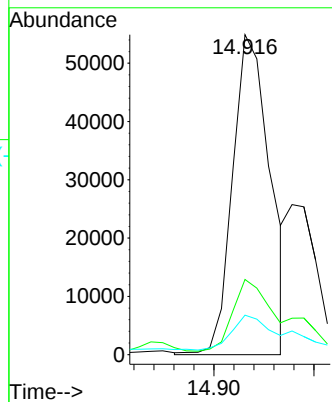
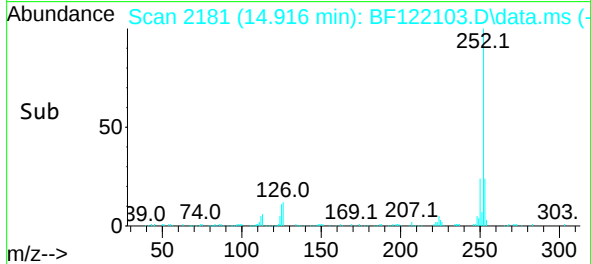
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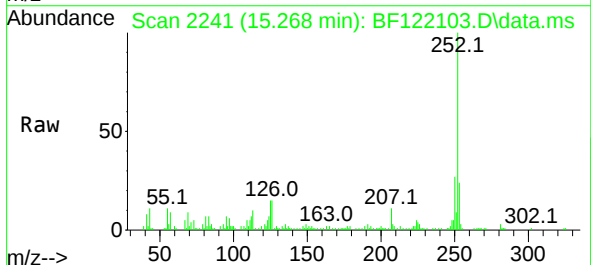
#88
Benzo(b)fluoranthene
Concen: 4.35 ng m
RT: 14.916 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



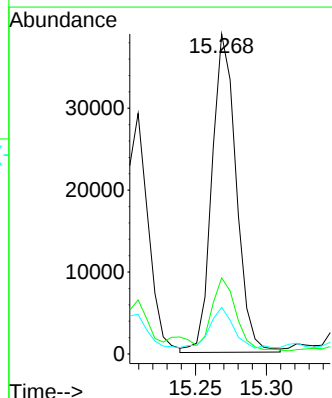
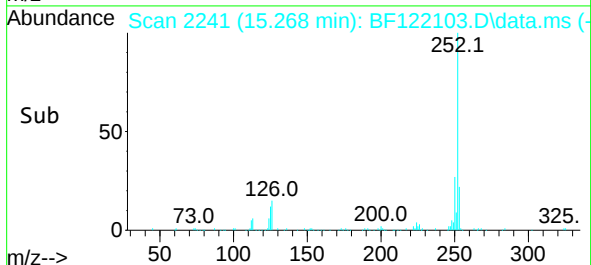
Tgt Ion:252 Resp: 71521
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 12.3 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BF122103.D
Acq: 23 Oct 2020 17:19



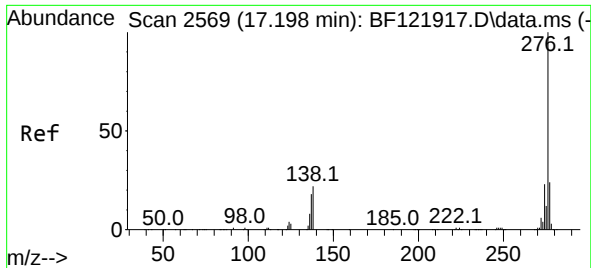
Tgt Ion:252 Resp: 46220
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 14.6 8.6 13.0#



Instrument :
BNA_F
ClientSampled :
35B

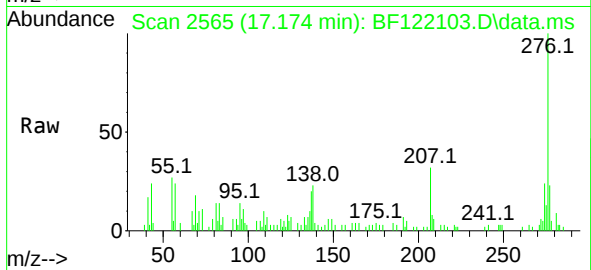
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#92
 Benzo(g,h,i)perylene
 Concen: 2.40 ng
 RT: 17.174 min Scan# 2565
 Delta R.T. 0.035 min
 Lab File: BF122103.D
 Acq: 23 Oct 2020 17:19

Instrument :
 BNA_F
 ClientSampleId :
 35B



Tgt Ion:	276	Resp:	31196
Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.4	29.2
138	23.3	17.8	26.6

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