

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121980.D
 Acq On : 15 Oct 2020 5:28
 Operator : JU/CG
 Sample : L4390-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-2

Manual Integrations
 APPROVED

mohammad
 10/15/2020 10:47:40 AM

Quant Time: Oct 15 06:36:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	108610	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	418280	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	206015	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	347028	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	235381	20.00	ng	-0.01
86) Perylene-d12	15.339	264	223982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	700411	95.18	ng	0.00
7) Phenol-d6	6.392	99	885947	93.52	ng	0.00
23) Nitrobenzene-d5	7.310	82	597140	73.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	216712	85.04	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	927225	66.22	ng	0.00
79) Terphenyl-d14	12.845	244	715094	57.90	ng	-0.02
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.498	163	154579	10.26	ng	99
71) Phenanthrene	11.286	178	131164	6.89	ng	98
75) Fluoranthene	12.474	202	203842	9.99	ng	98
78) Pyrene	12.704	202	192267	10.72	ng	98
81) Benzo(a)anthracene	13.892	228	68473	4.44	ng	97
83) Chrysene	13.927	228	92770m	6.13	ng	
87) Indeno(1,2,3-cd)pyrene	16.750	276	41011	2.82	ng	95
88) Benzo(b)fluoranthene	14.927	252	104729m	6.92	ng	
89) Benzo(k)fluoranthene	14.951	252	31135m	2.16	ng	
90) Benzo(a)pyrene	15.280	252	66505	5.09	ng	98
92) Benzo(g,h,i)perylene	17.180	276	42967	3.59	ng	98

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

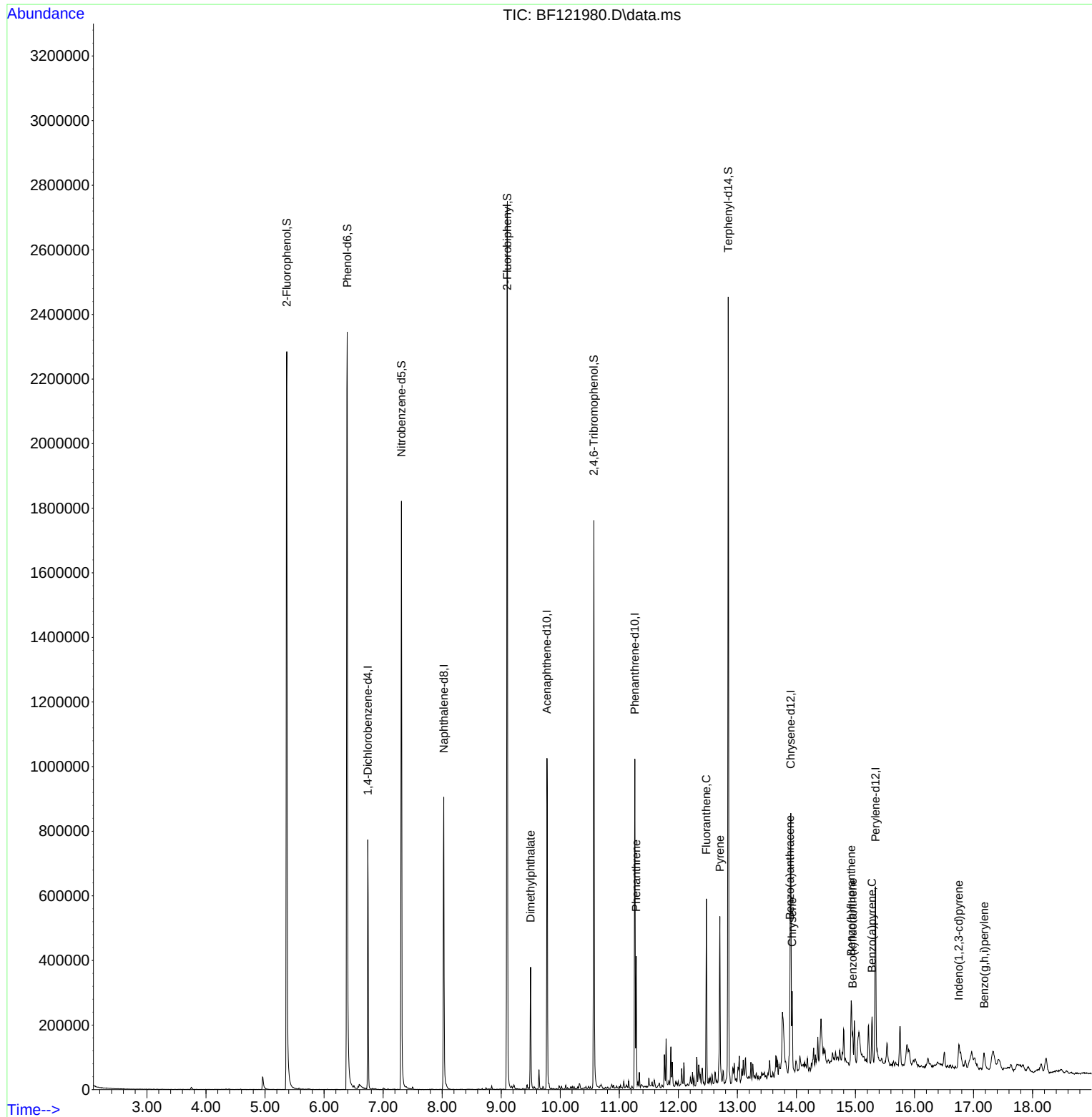
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121980.D
Acq On : 15 Oct 2020 5:28
Operator : JU/CG
Sample : L4390-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

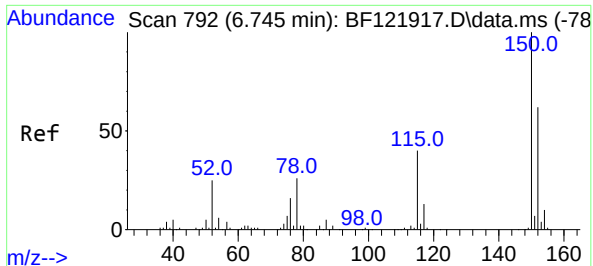
Instrument :
BNA_F
ClientSampleId :
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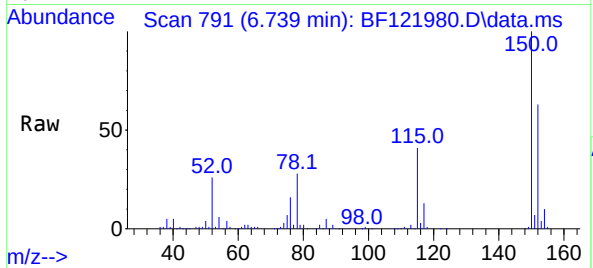
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Quant Time: Oct 15 06:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

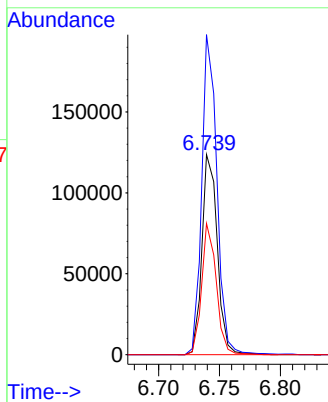
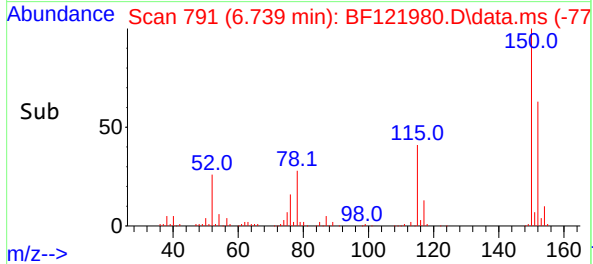




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



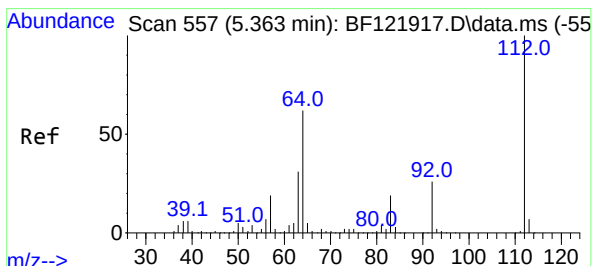
Tgt Ion:152 Resp: 108610
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 65.6 51.9 77.9



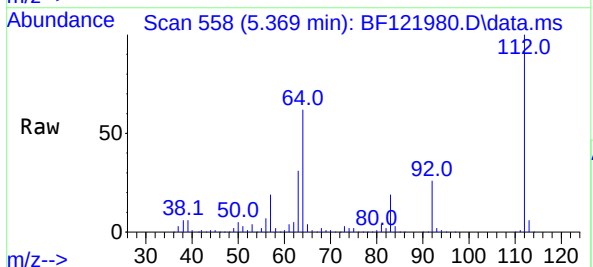
Instrument :
BNA_F
ClientSampleId :
BG-2

Manual Integrations
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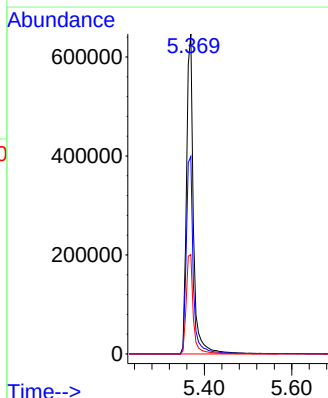
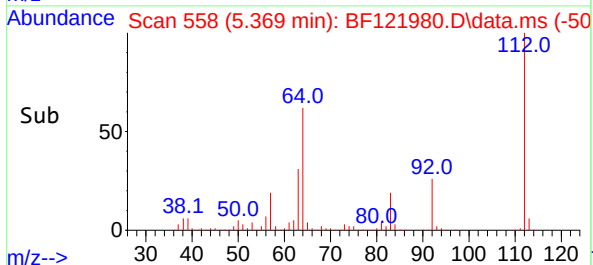
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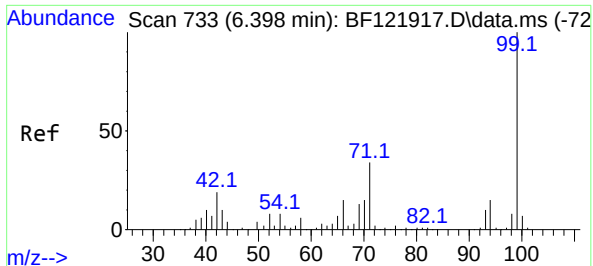


#5
2-Fluorophenol
Concen: 95.18 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



Tgt Ion:112 Resp: 700411
Ion Ratio Lower Upper
112 100
64 61.7 50.4 75.6
63 31.1 25.8 38.6





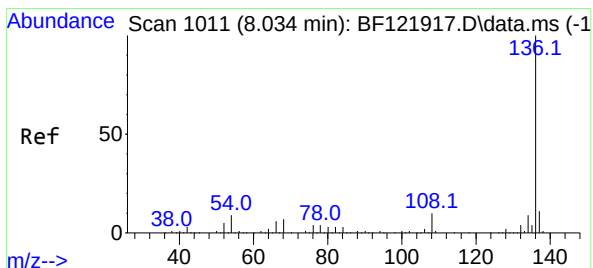
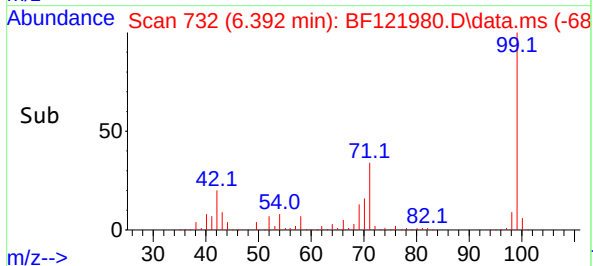
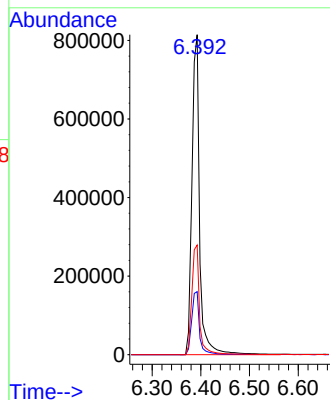
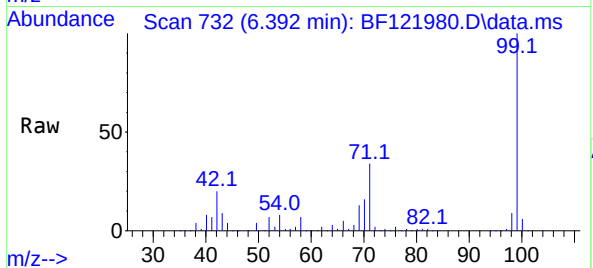
#7
Phenol-d6
Concen: 93.52 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion: 99 Resp: 885947
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.3 27.1 40.7

Instrument :
BNA_F
ClientSampled :
BG-2

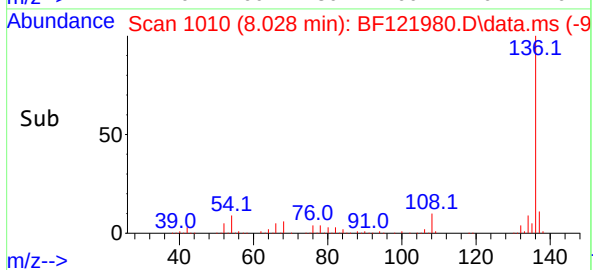
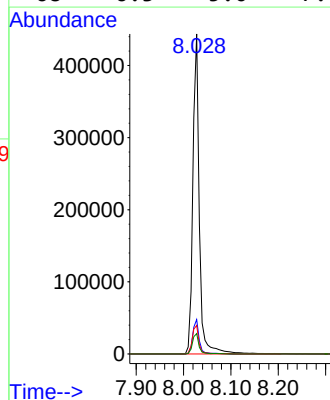
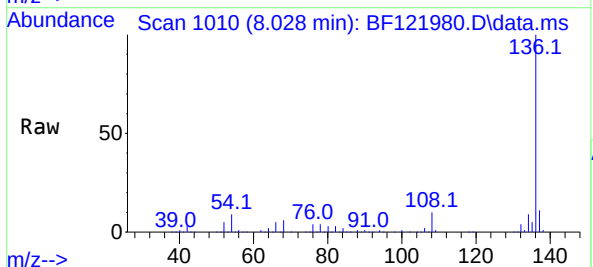
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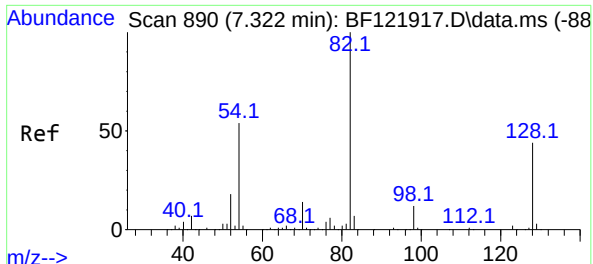
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion: 136 Resp: 418280
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.1 10.7
68 6.3 5.0 7.4





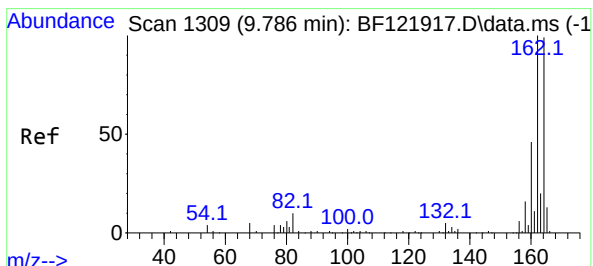
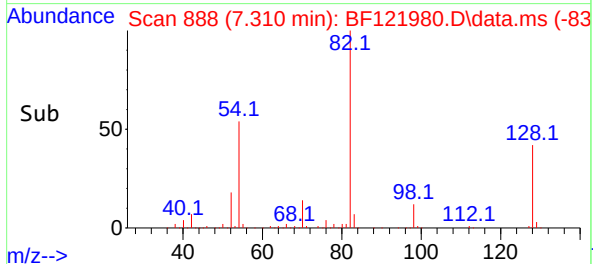
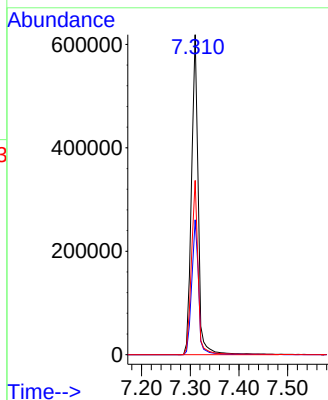
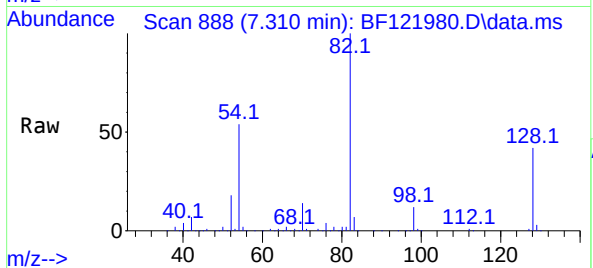
#23
Nitrobenzene-d5
Concen: 73.21 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion:	82	Resp:	597140
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	54.4	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
BG-2

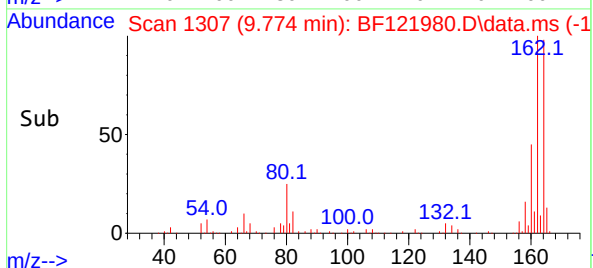
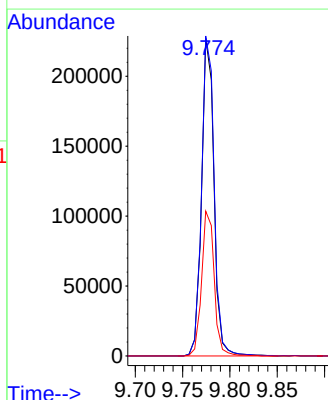
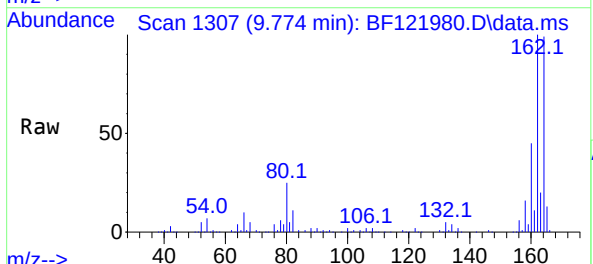
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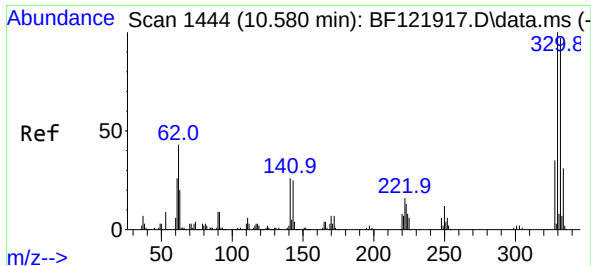
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

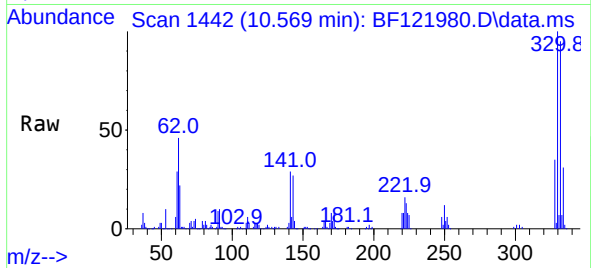
Tgt Ion:	164	Resp:	206015
Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.2	124.8
160	45.6	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 85.04 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

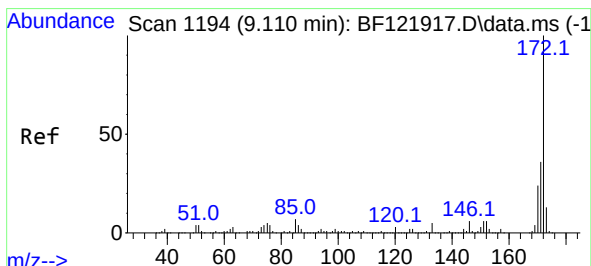
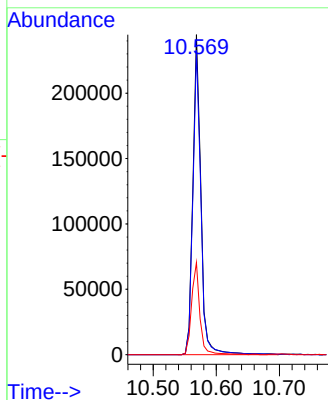
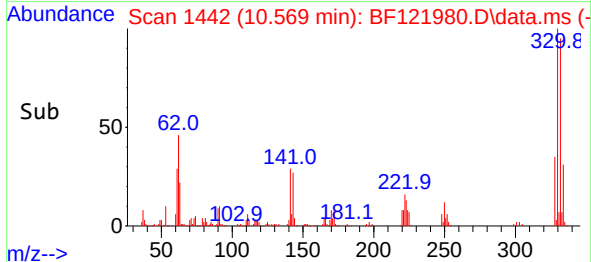
Instrument :
BNA_F
ClientSampled :
BG-2



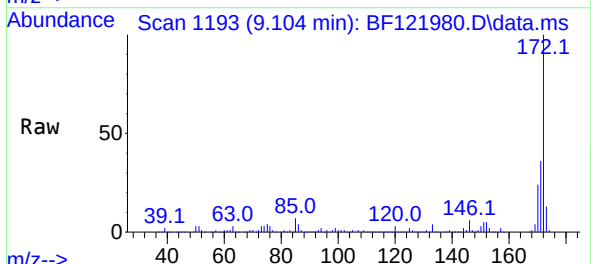
Tgt Ion: 330 Resp: 216712
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 29.6 22.3 33.5

Manual Integrations
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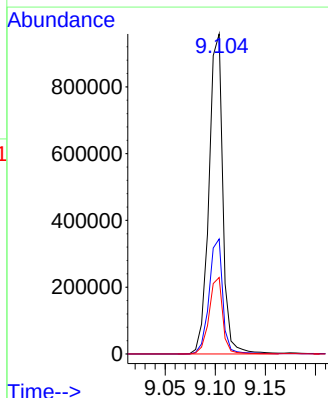
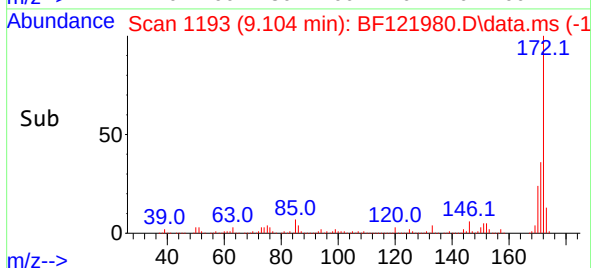
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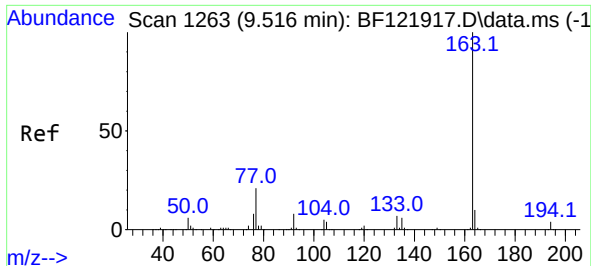


#45
2-Fluorobiphenyl
Concen: 66.22 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



Tgt Ion: 172 Resp: 927225
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 23.9 19.8 29.6





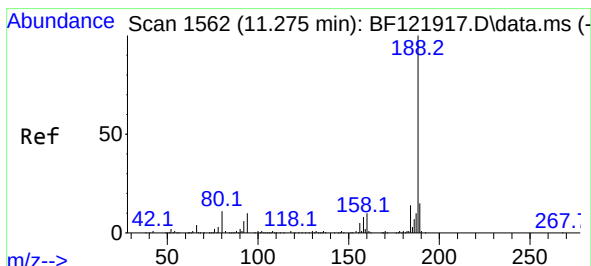
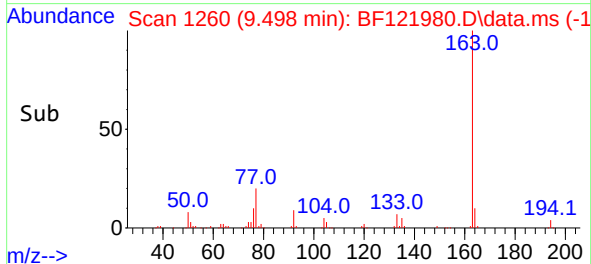
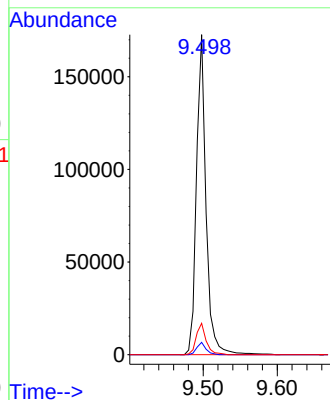
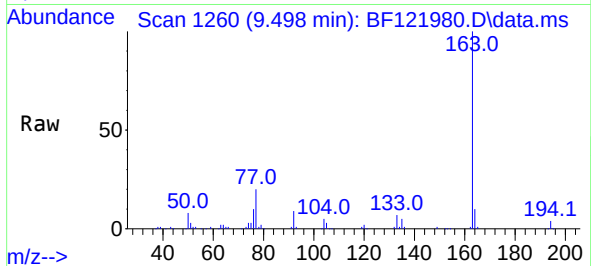
#50
Dimethylphthalate
Concen: 10.26 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion:163 Resp: 154579
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.4

Instrument :
BNA_F
ClientSampled :
BG-2

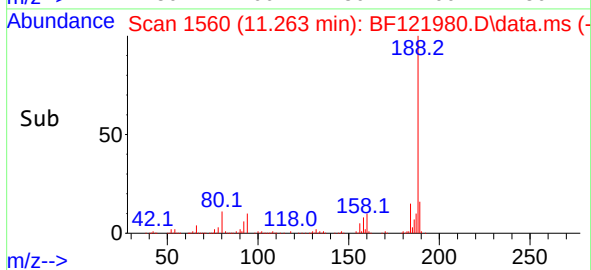
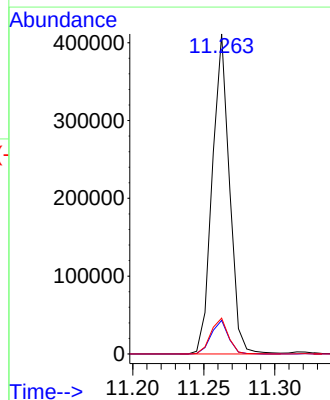
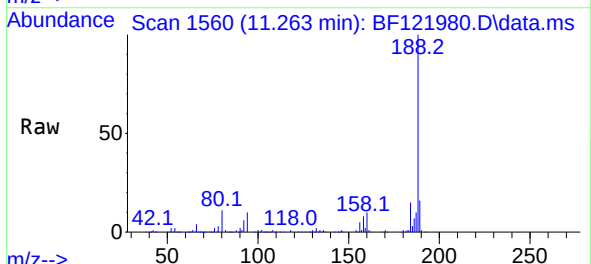
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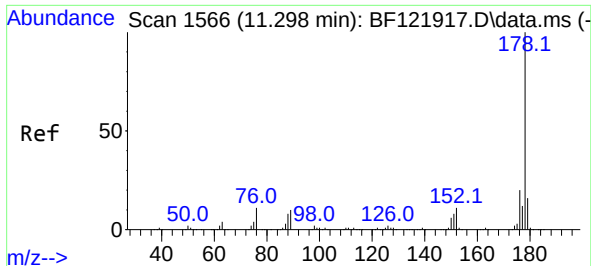
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

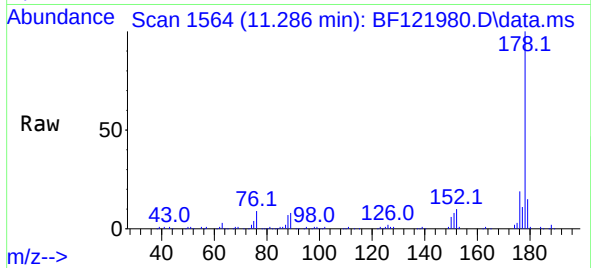
Tgt Ion:188 Resp: 347028
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7





#71
Phenanthrene
Concen: 6.89 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

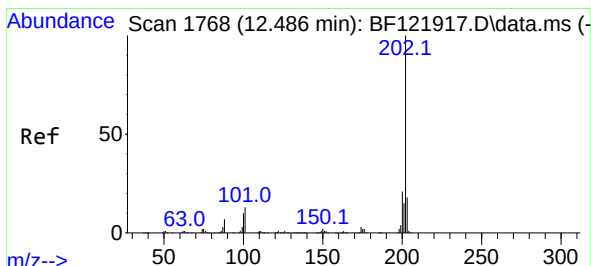
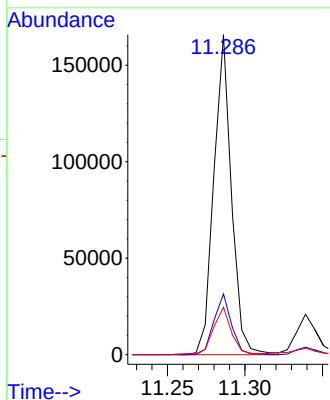
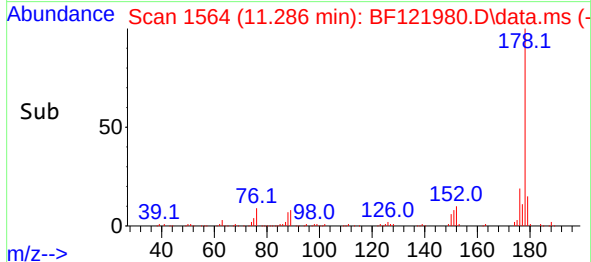
Instrument :
BNA_F
ClientSampled :
BG-2



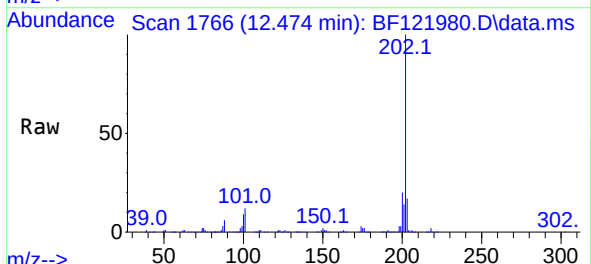
Tgt Ion:178 Resp: 131164
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.9 12.2 18.4

Manual Integrations
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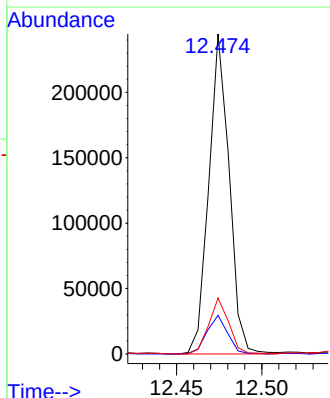
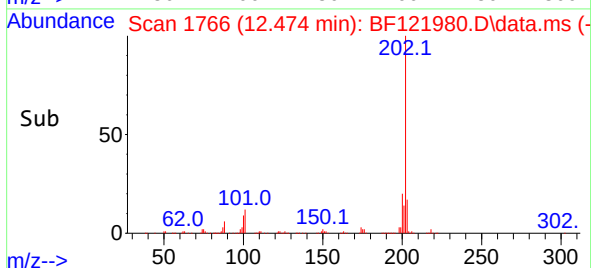
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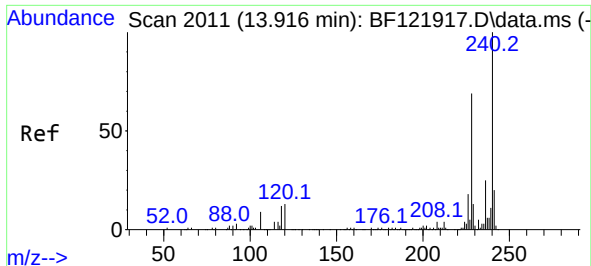


#75
Fluoranthene
Concen: 9.99 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

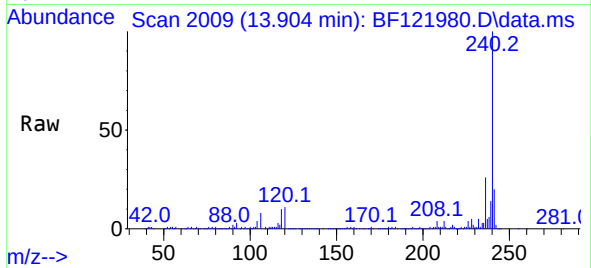


Tgt Ion:202 Resp: 203842
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.4
203 17.5 0.0 37.9

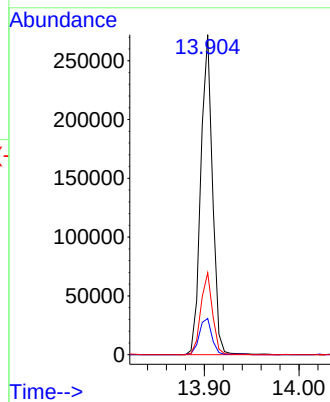
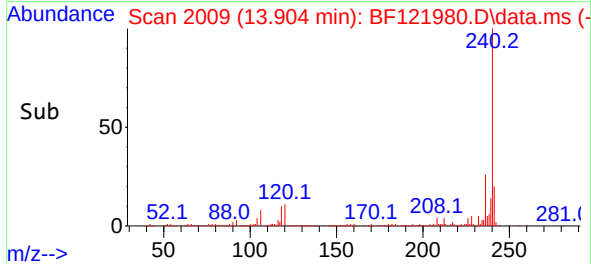




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



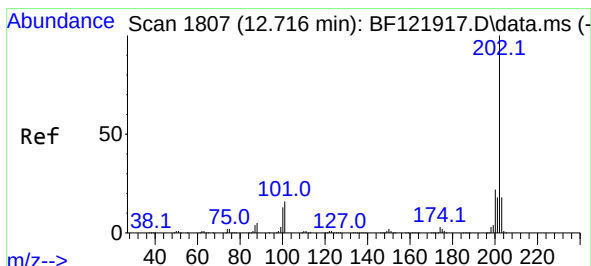
Tgt Ion:240 Resp: 235381
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3



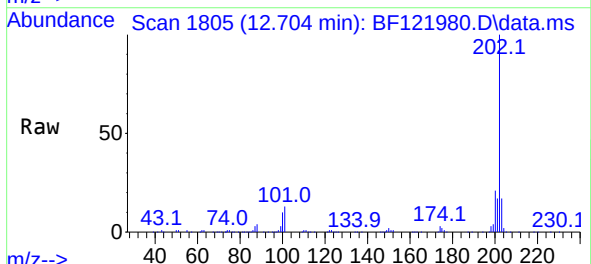
Instrument :
BNA_F
ClientSampled :
BG-2

Manual Integrations
APPROVED

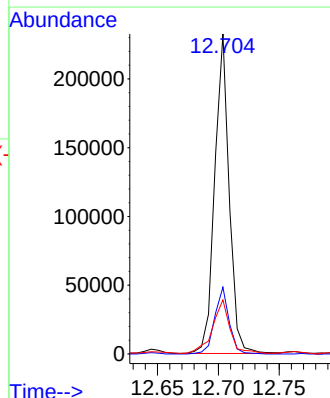
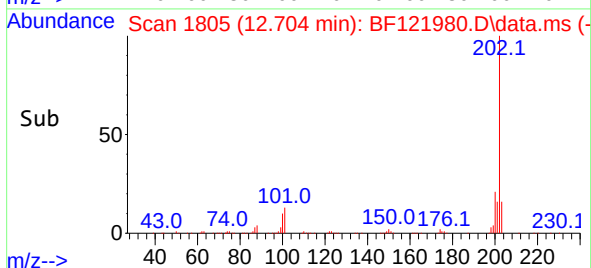
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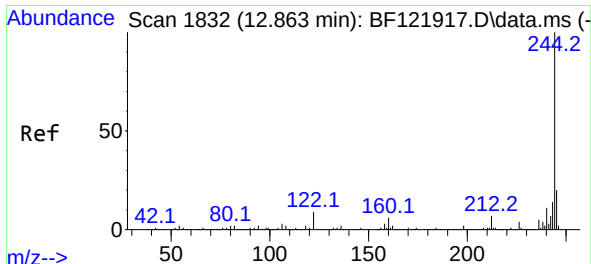


#78
Pyrene
Concen: 10.72 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



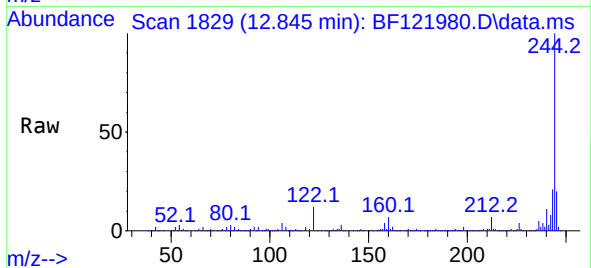
Tgt Ion:202 Resp: 192267
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 16.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 57.90 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121980.D
 Acq: 15 Oct 2020 5:28

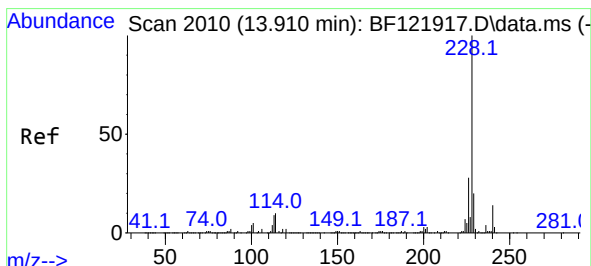
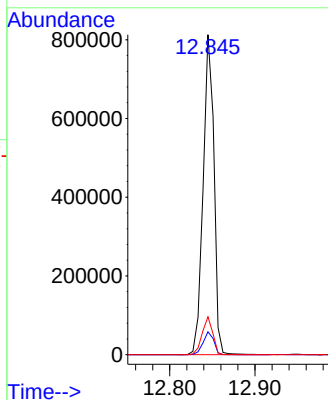
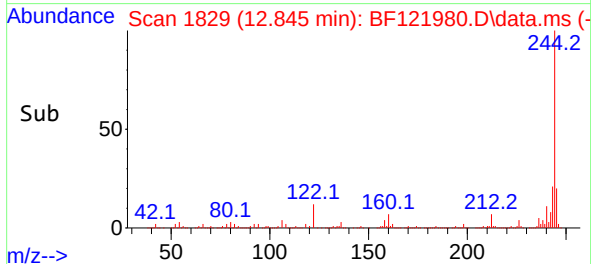
Instrument :
 BNA_F
 ClientSampled :
 BG-2



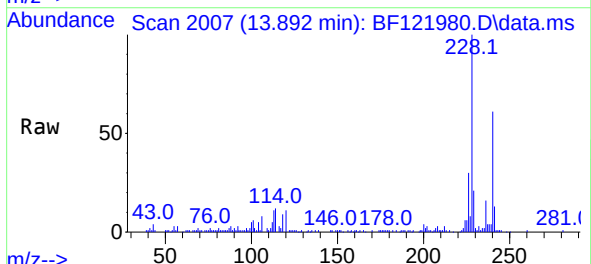
Tgt Ion:244 Resp: 715094
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.9 8.1 12.1

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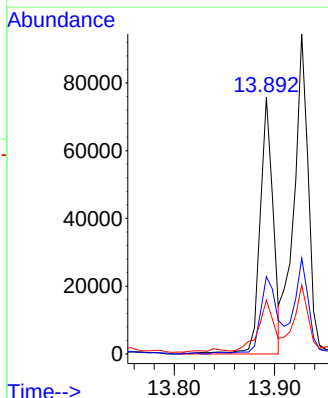
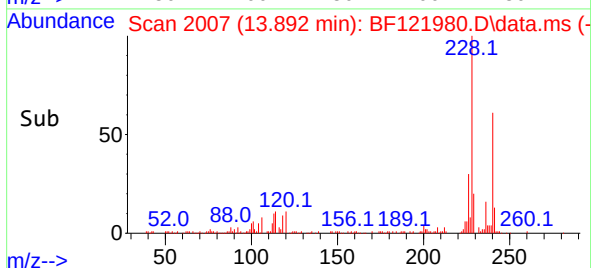
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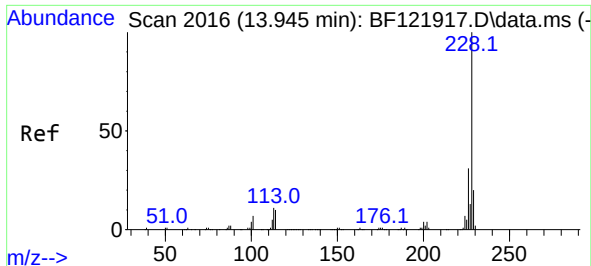


#81
 Benzo(a)anthracene
 Concen: 4.44 ng
 RT: 13.892 min Scan# 2007
 Delta R.T. -0.018 min
 Lab File: BF121980.D
 Acq: 15 Oct 2020 5:28



Tgt Ion:228 Resp: 68473
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.3 33.5
 229 21.0 16.2 24.4





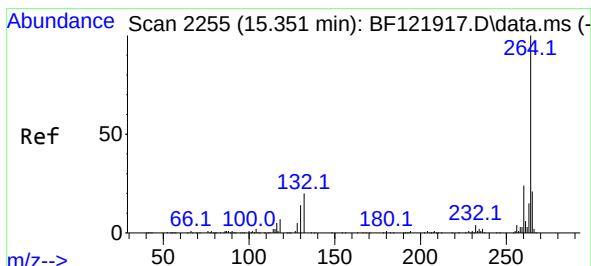
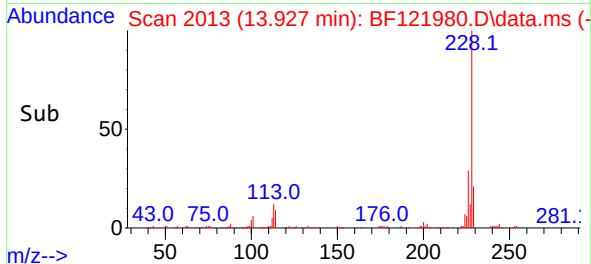
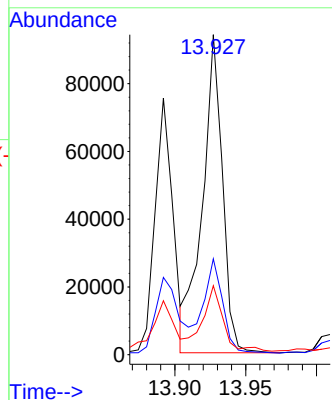
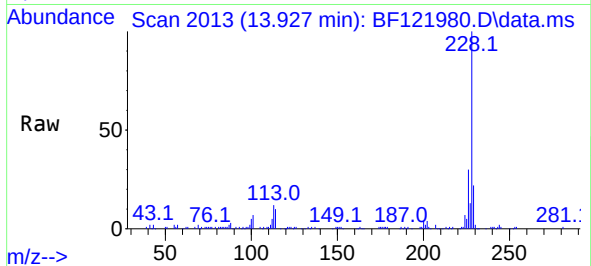
#83
Chrysene
Concen: 6.13 ng m
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion:	228	Resp:	92770
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	37.0
229	21.5	15.9	23.9

Instrument :
BNA_F
ClientSampled :
BG-2

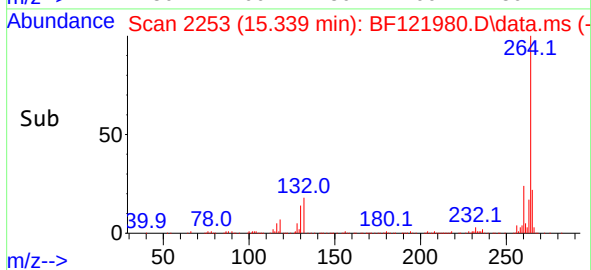
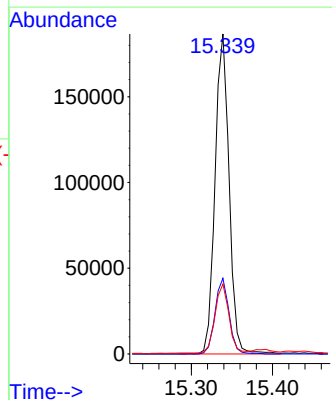
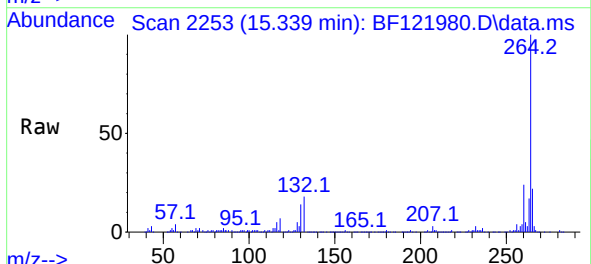
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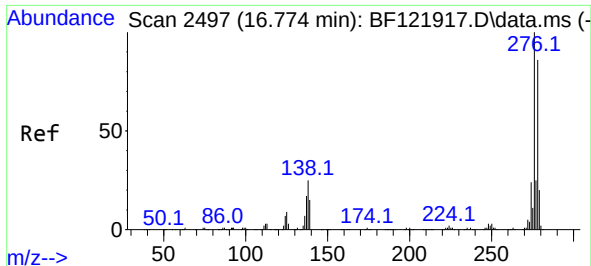
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

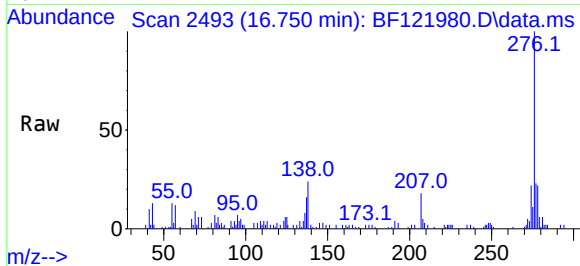
Tgt Ion:	264	Resp:	223982
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.8	17.3	25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.82 ng
RT: 16.750 min Scan# 2493
Delta R.T. -0.024 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

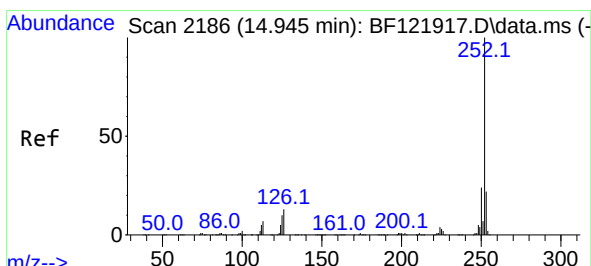
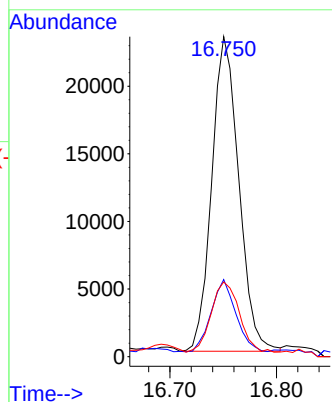
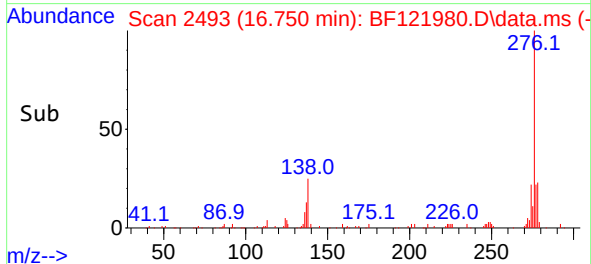
Instrument :
BNA_F
ClientSampled :
BG-2



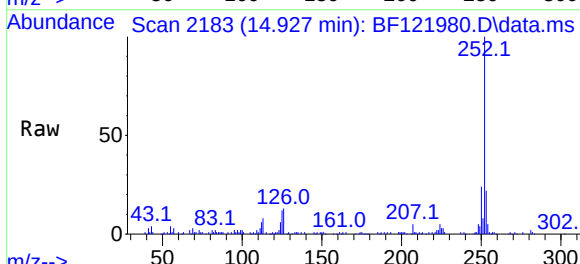
Tgt Ion:276 Resp: 41011
Ion Ratio Lower Upper
276 100
138 21.4 19.9 29.9
277 23.7 20.4 30.6

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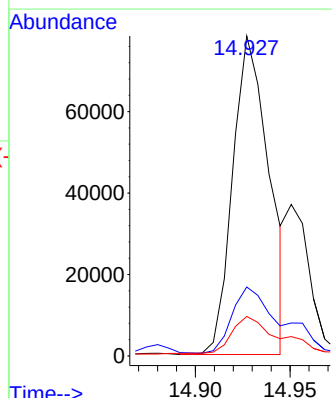
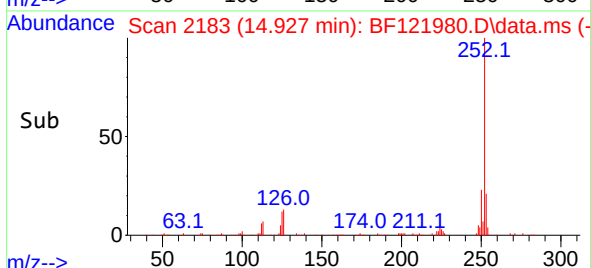
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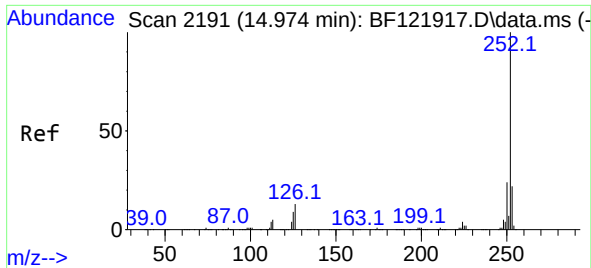


#88
Benzo(b)fluoranthene
Concen: 6.92 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28



Tgt Ion:252 Resp: 104729
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 12.3 8.0 12.0#





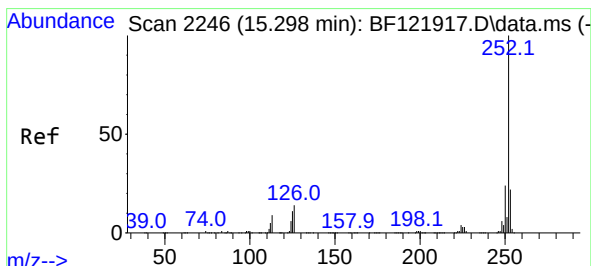
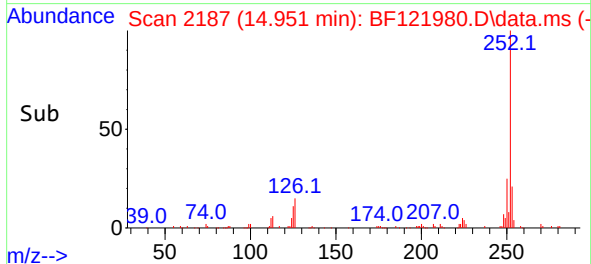
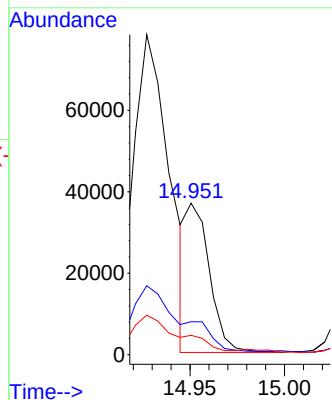
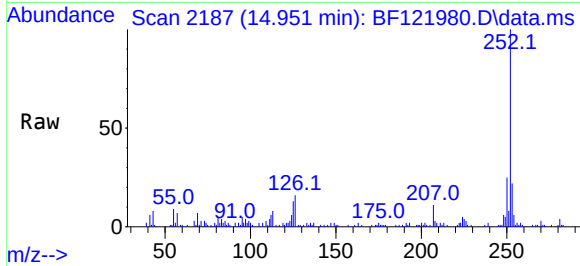
#89
Benzo(k)fluoranthene
Concen: 2.16 ng m
RT: 14.951 min Scan# 2187
Delta R.T. -0.024 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion:	252	Resp:	31135
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	12.8	7.7	11.5#

Instrument :
BNA_F
ClientSampled :
BG-2

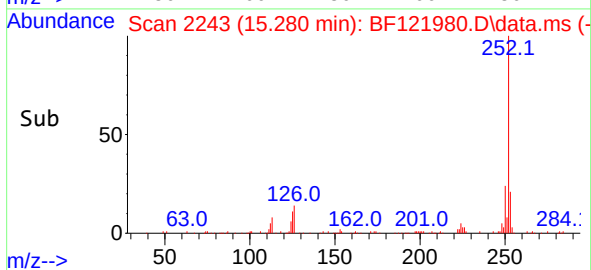
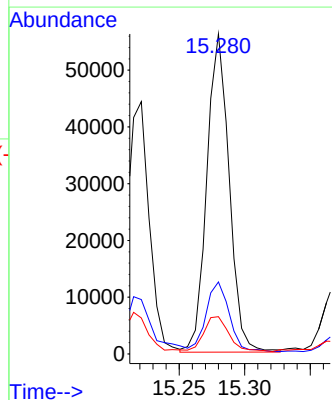
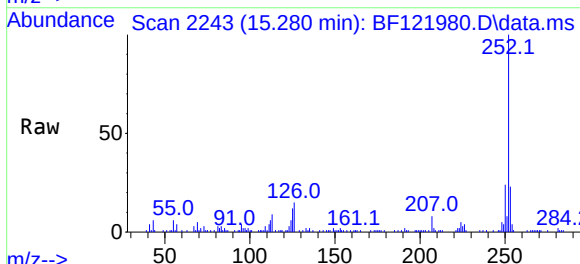
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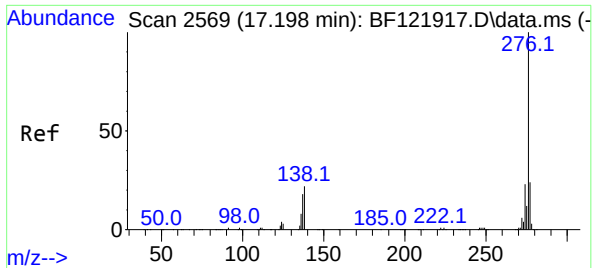
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#90
Benzo(a)pyrene
Concen: 5.09 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF121980.D
Acq: 15 Oct 2020 5:28

Tgt Ion:	252	Resp:	66505
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	11.7	8.6	13.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.59 ng
 RT: 17.180 min Scan# 2566
 Delta R.T. -0.018 min
 Lab File: BF121980.D
 Acq: 15 Oct 2020 5:28

Tgt Ion:	276	Resp:	42967
Ion Ratio	Lower	Upper	
276	100		
277	25.9	19.4	29.2
138	22.8	17.8	26.6

Instrument :
 BNA_F
 ClientSampleId :
 BG-2

Manual Integrations
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