

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122261.D
 Acq On : 4 Nov 2020 14:02
 Operator : JU/CG
 Sample : L4619-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Manual Integrations
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Quant Time: Nov 04 15:28:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	85098	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	334904	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	159367	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	250926	20.00	ng	0.00
76) Chrysene-d12	13.886	240	195375	20.00	ng	0.00
86) Perylene-d12	15.327	264	192366	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	664524	115.25	ng	0.00
7) Phenol-d6	6.375	99	833147	112.25	ng	0.00
23) Nitrobenzene-d5	7.281	82	534321	81.82	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	198845	100.87	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	887872	81.97	ng	0.00
79) Terphenyl-d14	12.816	244	649603	63.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.387	94	31639	4.13	ng	# 56
49) Acenaphthylene	9.610	152	40097	2.59	ng	98
50) Dimethylphthalate	9.475	163	102678	8.81	ng	98
71) Phenanthrene	11.263	178	37804	2.75	ng	99
72) Anthracene	11.322	178	32866	2.30	ng	98
75) Fluoranthene	12.457	202	76504	5.19	ng	97
78) Pyrene	12.680	202	96979	6.51	ng	99
81) Benzo(a)anthracene	13.874	228	68814	5.37	ng	97
83) Chrysene	13.910	228	63259	5.03	ng	97
87) Indeno(1,2,3-cd)pyrene	16.774	276	39712	3.18	ng	# 92
88) Benzo(b)fluoranthene	14.921	252	91136m	7.01	ng	
89) Benzo(k)fluoranthene	14.945	252	27054m	2.19	ng	
90) Benzo(a)pyrene	15.274	252	78355	6.98	ng	97
92) Benzo(g,h,i)perylene	17.204	276	41961	4.08	ng	95

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

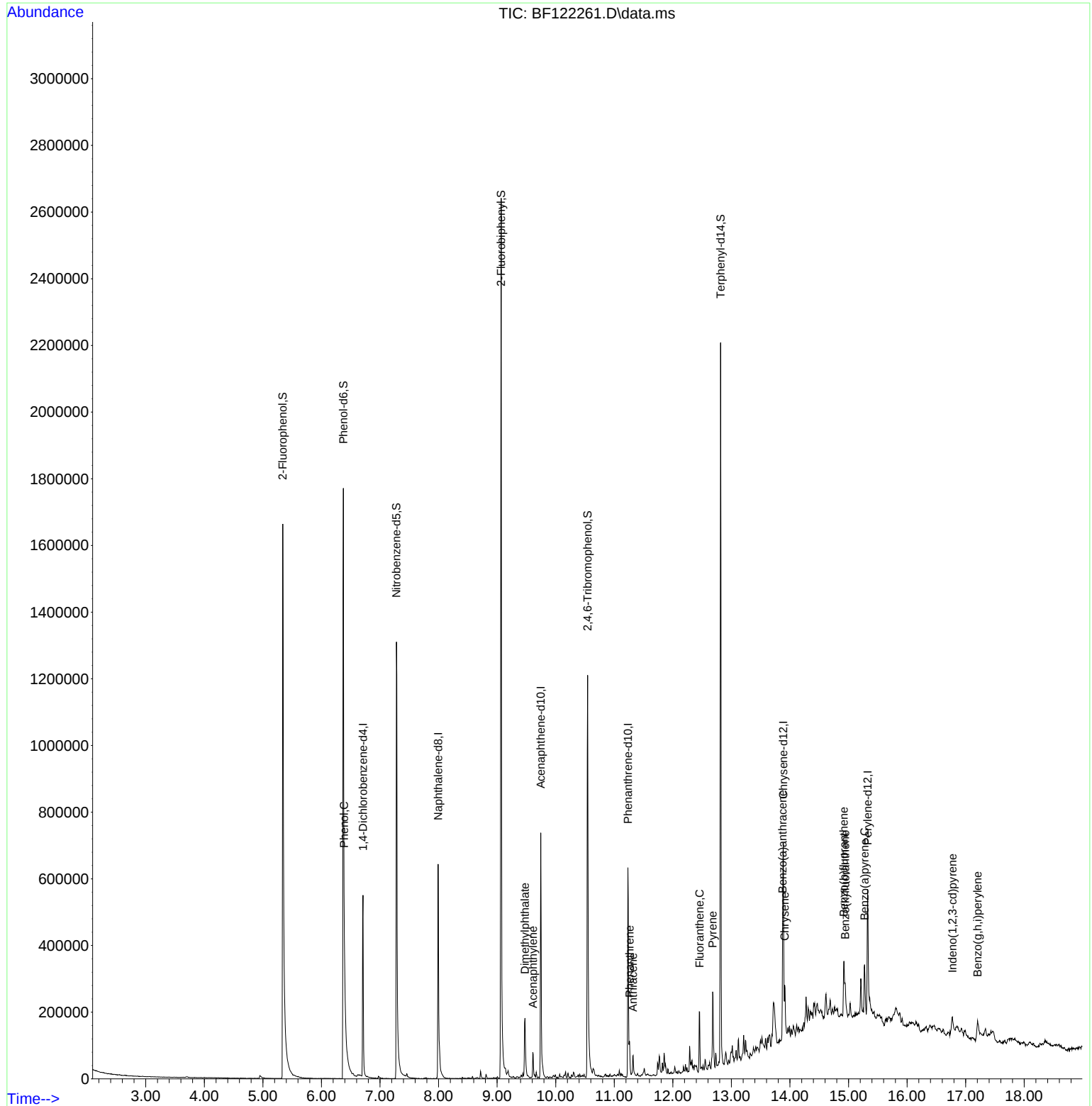
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122261.D
Acq On : 4 Nov 2020 14:02
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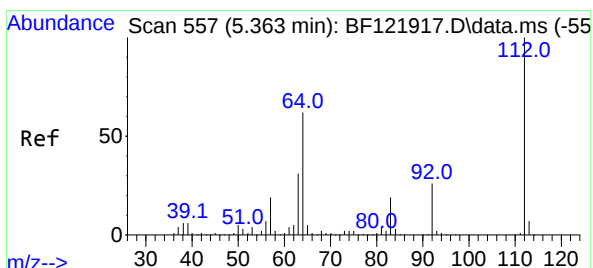
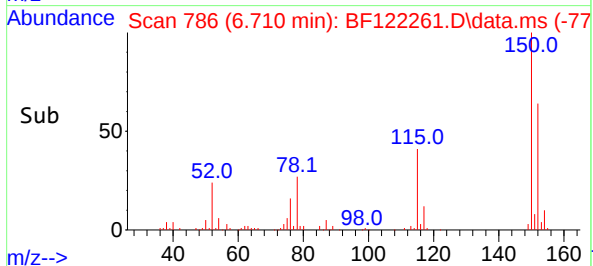
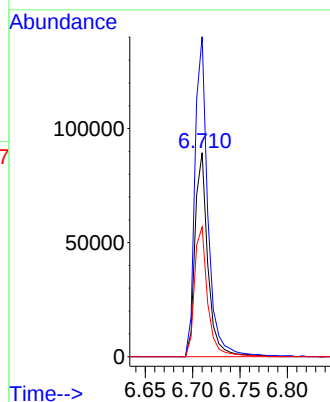
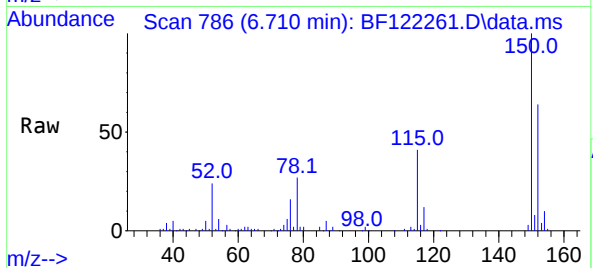
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:152 Resp: 85098
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 63.6 51.9 77.9

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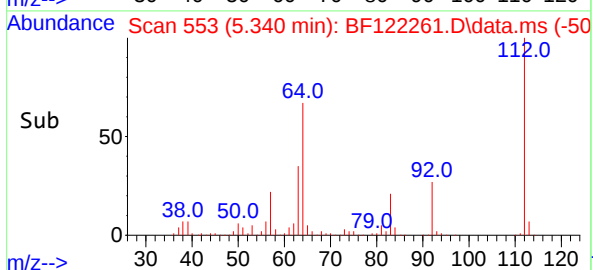
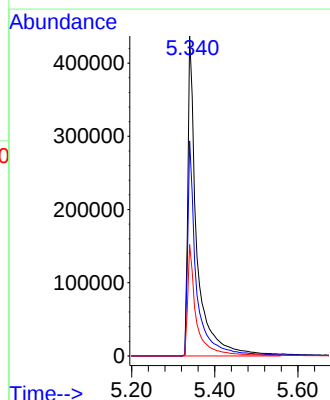
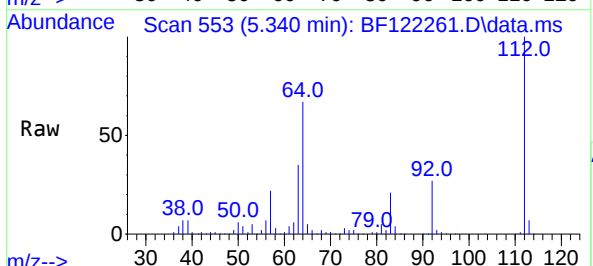
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#5
2-Fluorophenol
Concen: 115.25 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:112 Resp: 664524
Ion Ratio Lower Upper
112 100
64 67.2 50.4 75.6
63 34.8 25.8 38.6





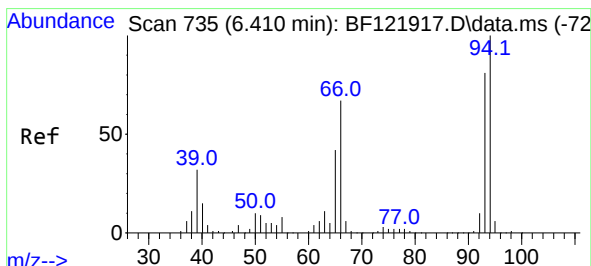
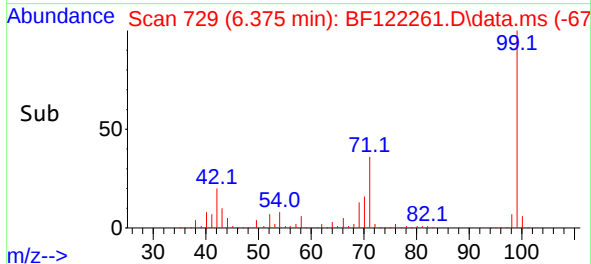
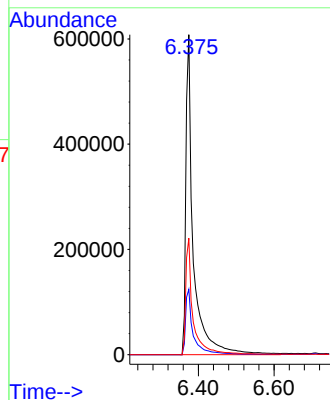
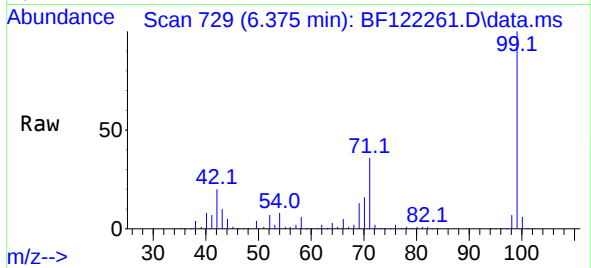
#7
Phenol-d6
Concen: 112.25 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion: 99 Resp: 833147
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 36.4 27.1 40.7

Instrument :
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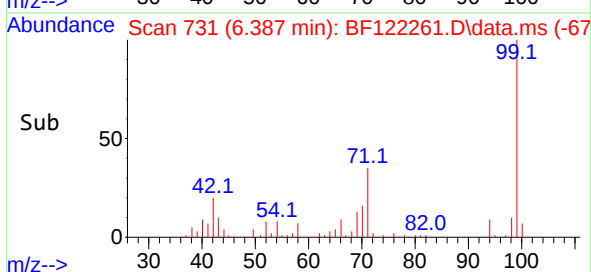
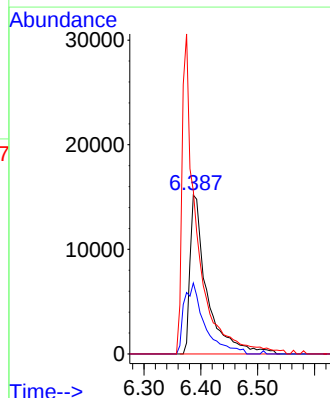
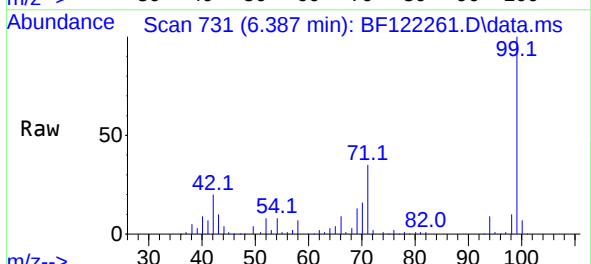
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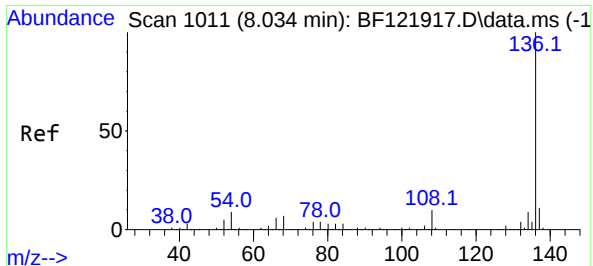
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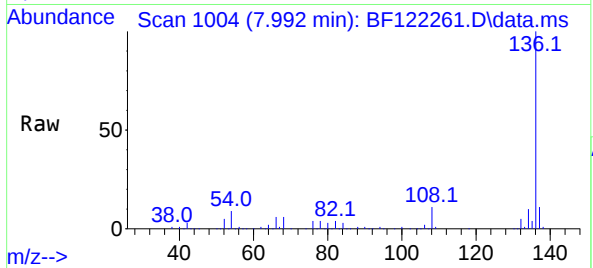
#10
Phenol
Concen: 4.13 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion: 94 Resp: 31639
Ion Ratio Lower Upper
94 100
65 44.6 17.1 57.1
66 102.8 36.0 76.0#

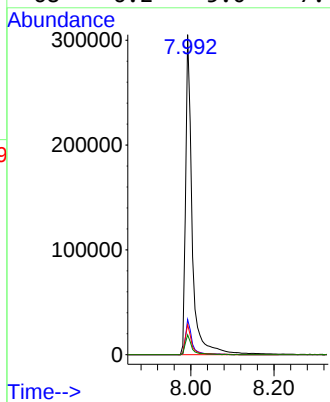
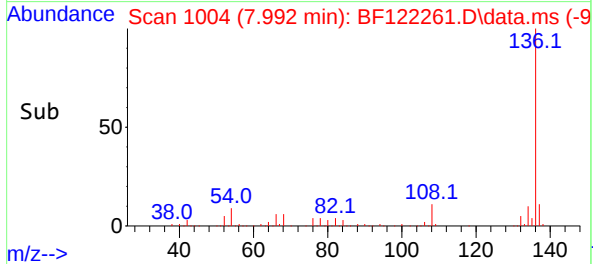




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



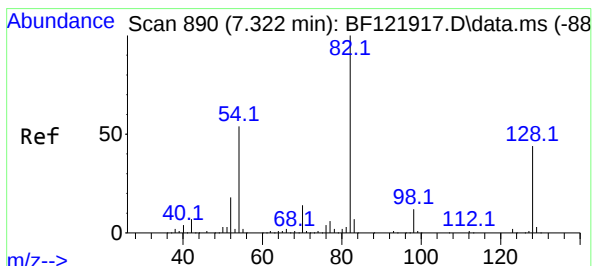
Tgt Ion: 136 Resp: 334904
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 7.1 10.7
68 6.2 5.0 7.4



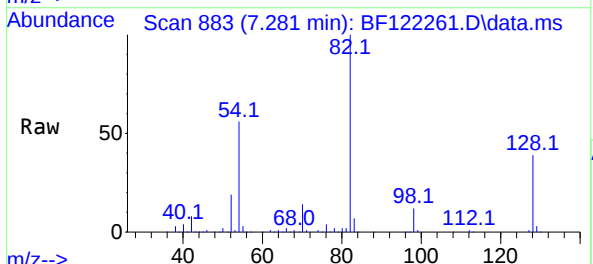
Instrument :
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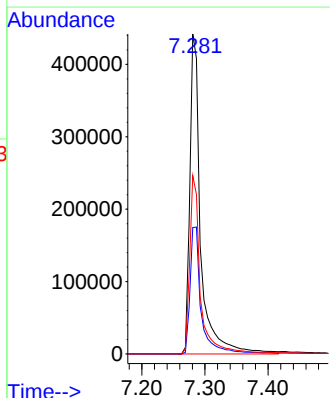
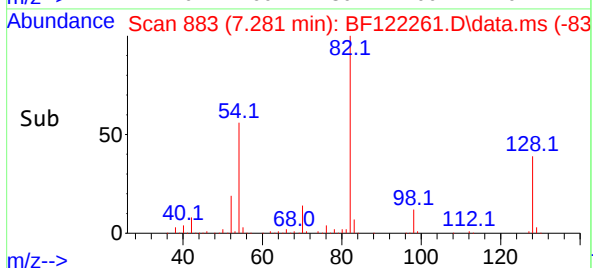
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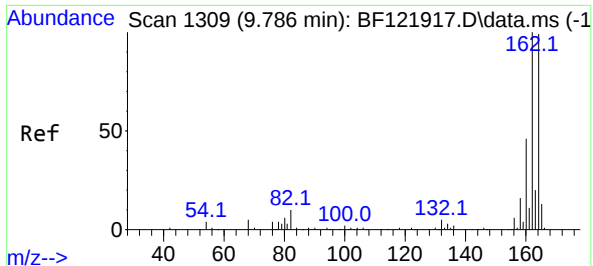


#23
Nitrobenzene-d5
Concen: 81.82 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

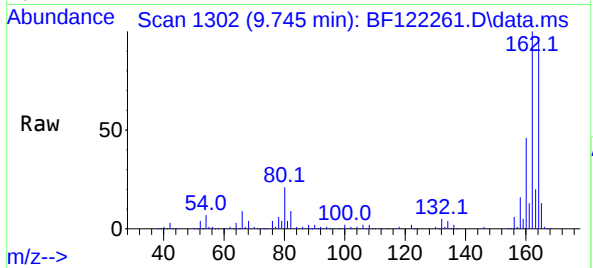


Tgt Ion: 82 Resp: 534321
Ion Ratio Lower Upper
82 100
128 39.5 35.0 52.4
54 55.7 43.9 65.9

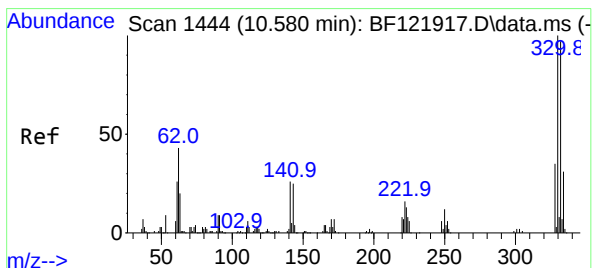
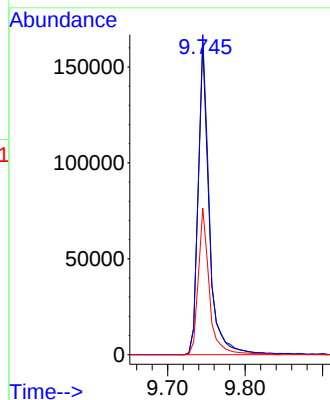
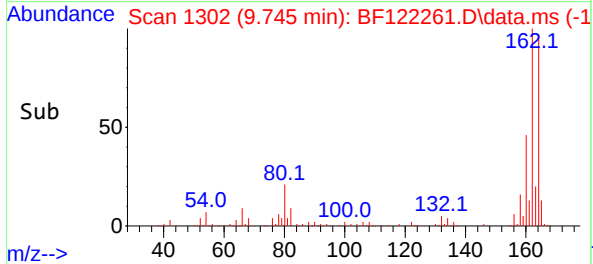




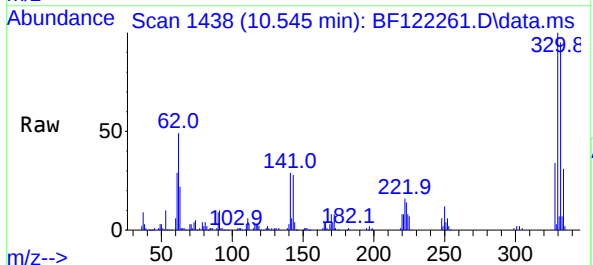
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



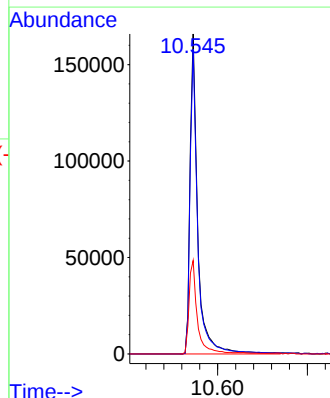
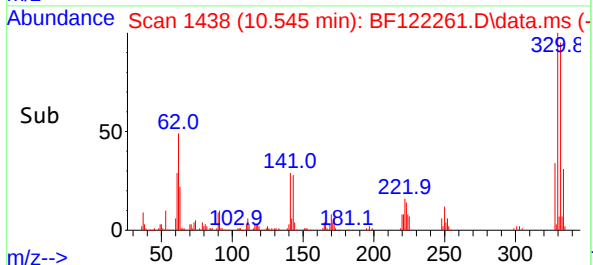
Tgt Ion:164 Resp: 159367
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 47.2 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 100.87 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



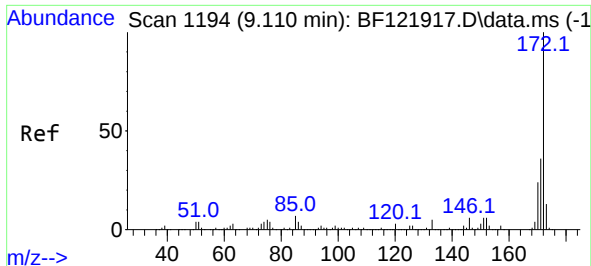
Tgt Ion:330 Resp: 198845
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 31.3 22.3 33.5



Instrument :
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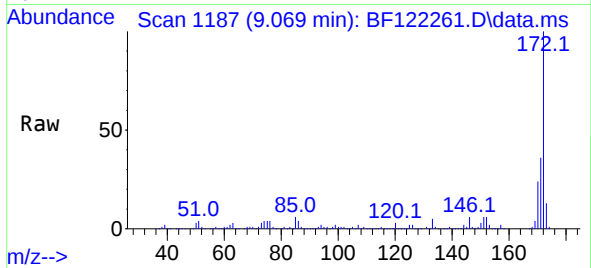
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#45
2-Fluorobiphenyl
Concen: 81.97 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

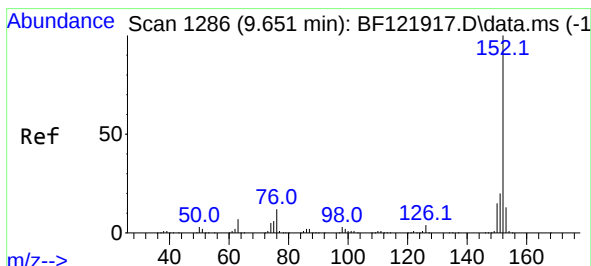
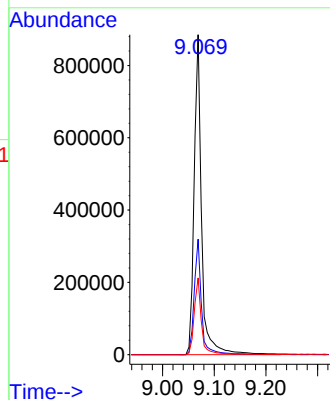
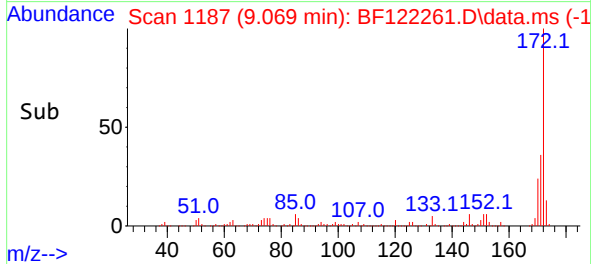
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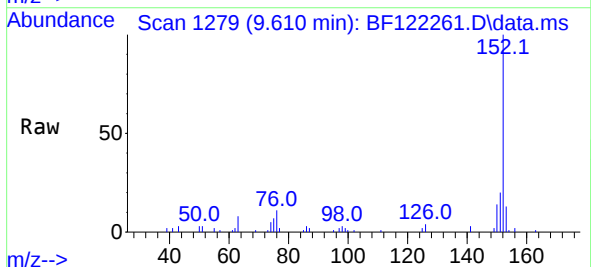
Tgt Ion:172 Resp: 887872
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6

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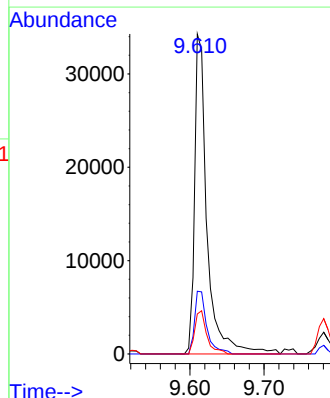
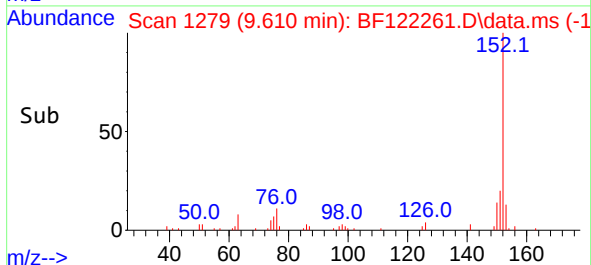
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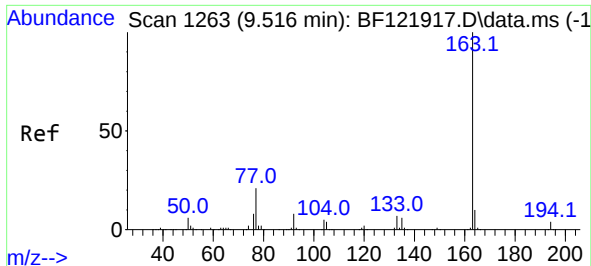


#49
Acenaphthylene
Concen: 2.59 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

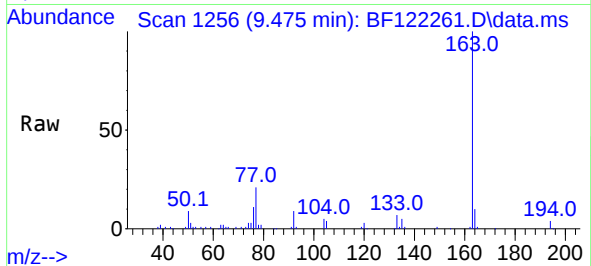


Tgt Ion:152 Resp: 40097
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.5 10.6 15.8

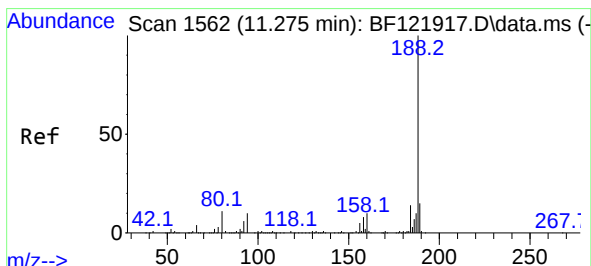
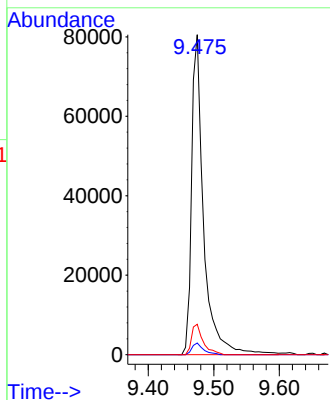
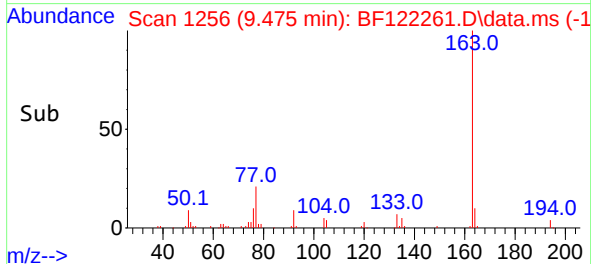




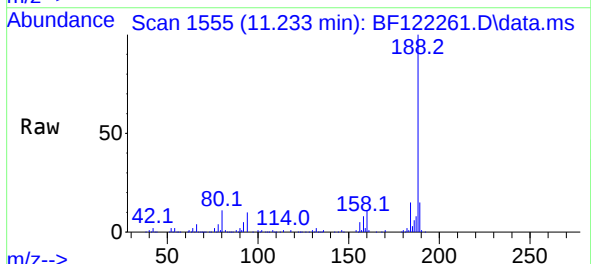
#50
Dimethylphthalate
Concen: 8.81 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



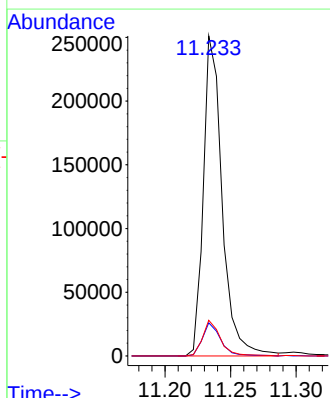
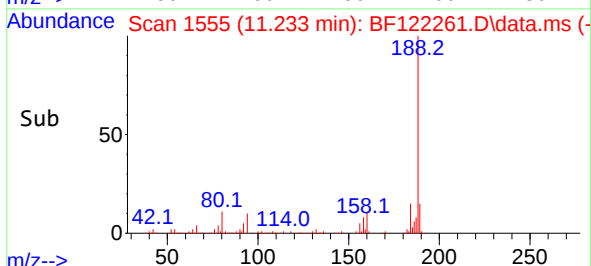
Tgt Ion:163 Resp: 102678
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.5 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



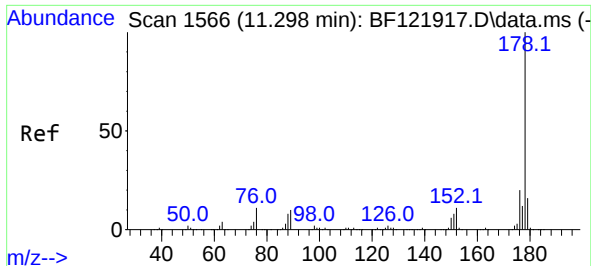
Tgt Ion:188 Resp: 250926
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.2 9.1 13.7



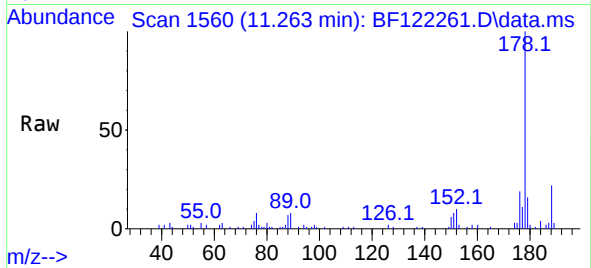
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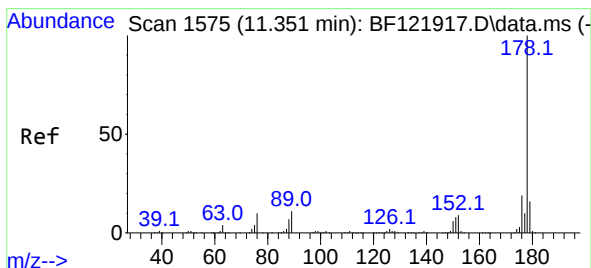
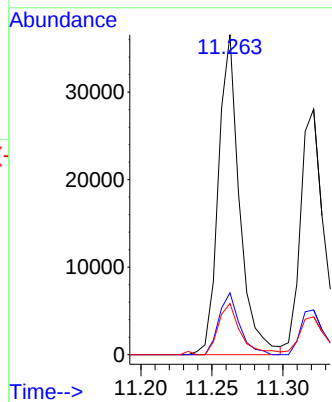
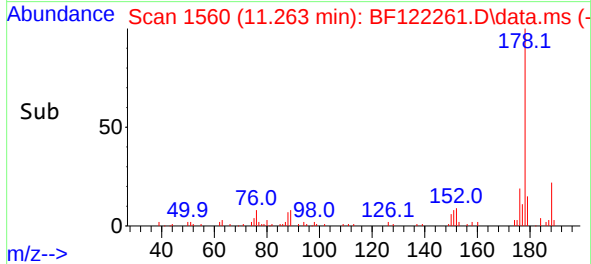
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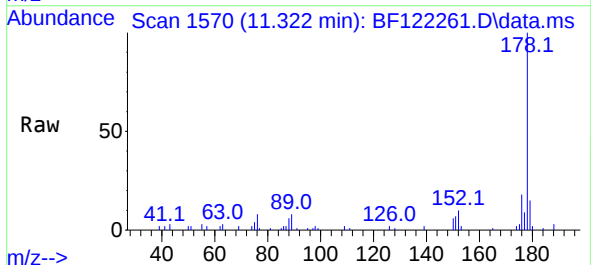
#71
Phenanthrene
Concen: 2.75 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



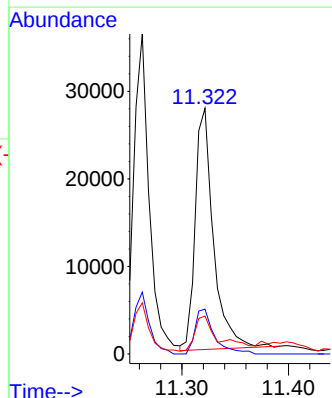
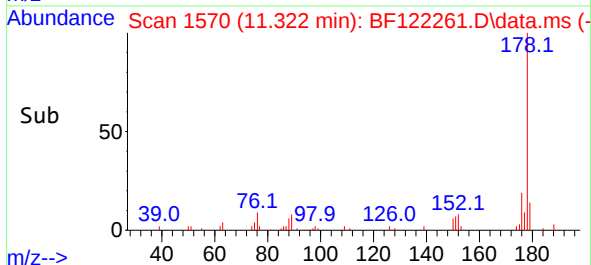
Tgt Ion:178 Resp: 37804
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.0 12.2 18.4



#72
Anthracene
Concen: 2.30 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



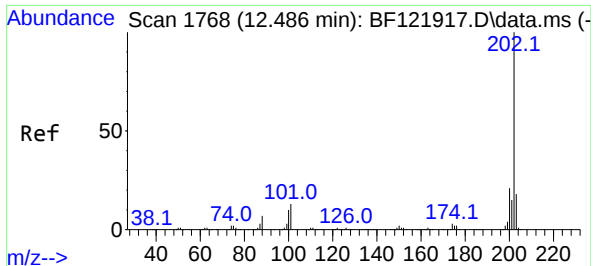
Tgt Ion:178 Resp: 32866
Ion Ratio Lower Upper
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176 18.2 15.7 23.5
179 15.5 12.7 19.1



Instrument :
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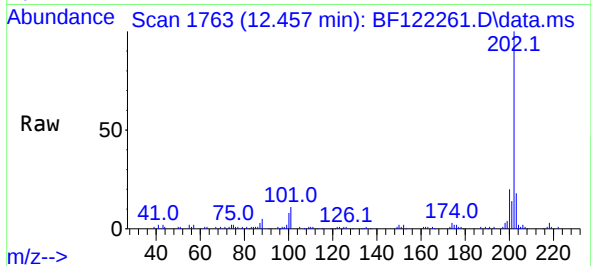
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#75
Fluoranthene
Concen: 5.19 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

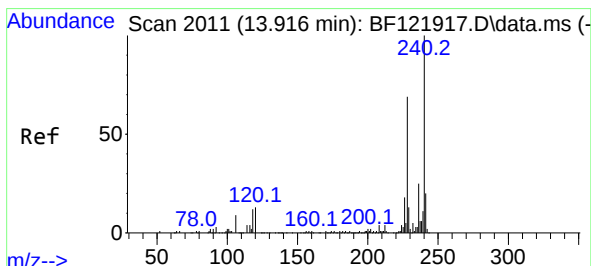
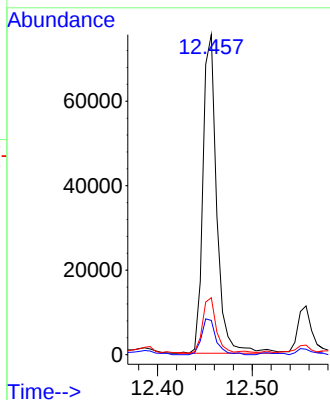
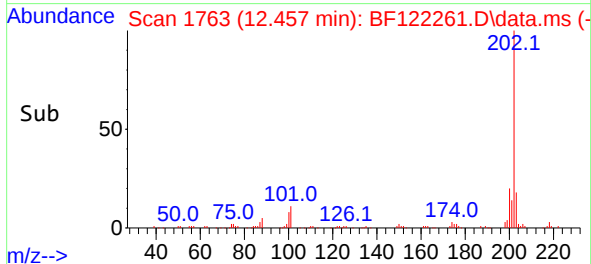
Instrument :
BNA_F
ClientSampled :
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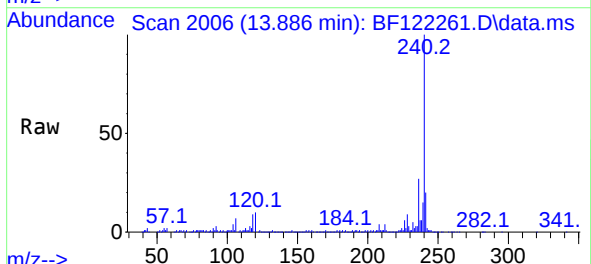
Tgt Ion:202 Resp: 76504
Ion Ratio Lower Upper
202 100
101 10.7 0.0 33.4
203 17.8 0.0 37.9

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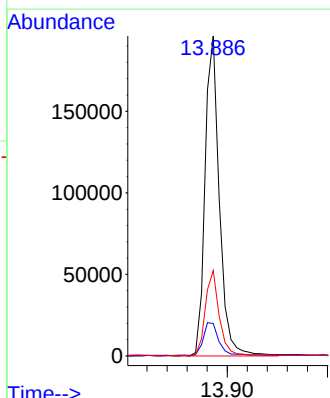
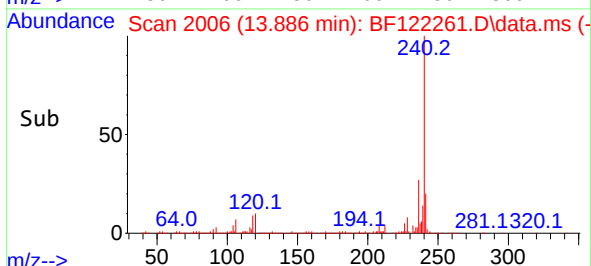
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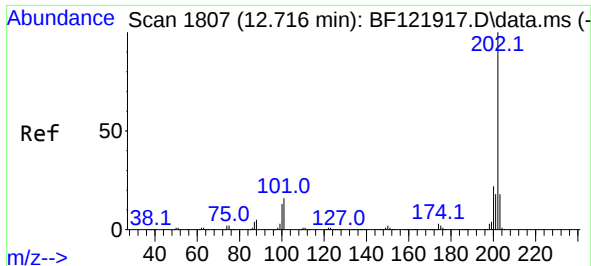


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



Tgt Ion:240 Resp: 195375
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.7 20.9 31.3





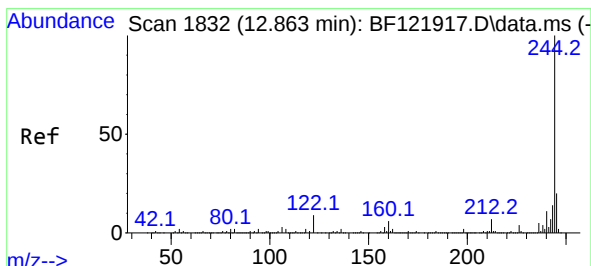
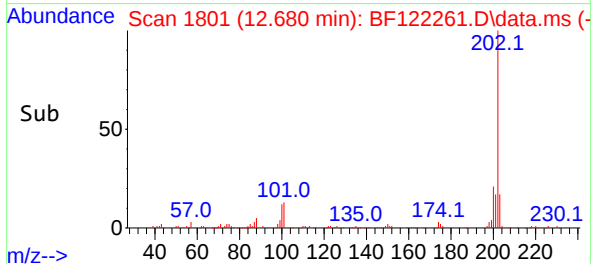
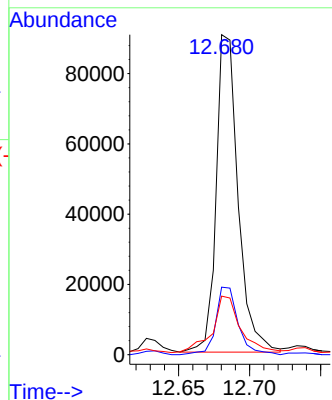
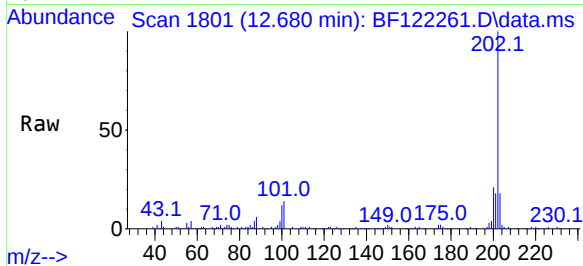
#78
Pyrene
Concen: 6.51 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:202	Resp:	96979
Ion Ratio	Lower	Upper
202	100	
200	21.1	17.4 26.2
203	18.3	14.6 21.8

Instrument :
BNA_F
ClientSampleId :
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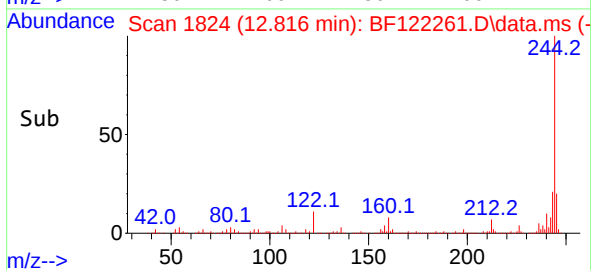
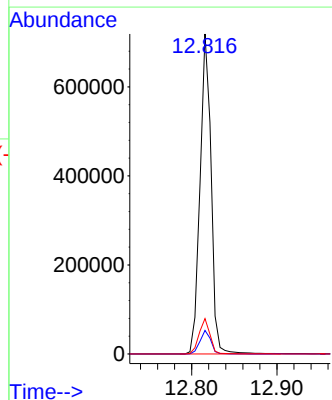
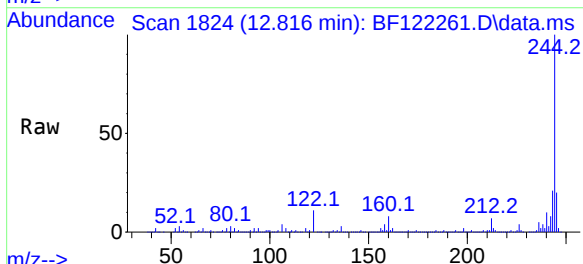
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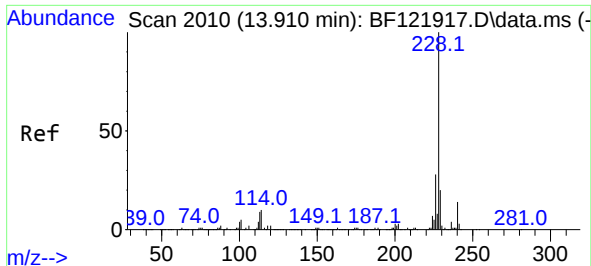
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#79
Terphenyl-d14
Concen: 63.36 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:244	Resp:	649603
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.4 8.2
122	11.0	8.1 12.1





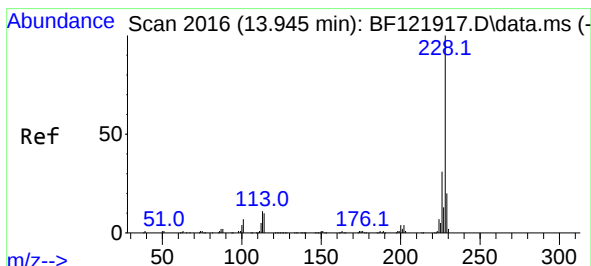
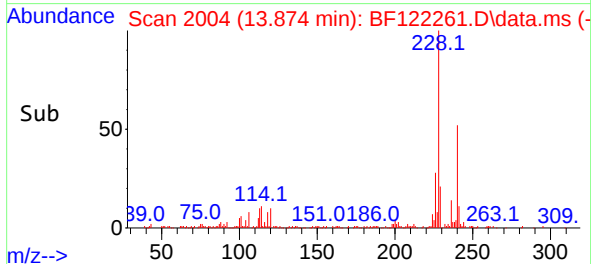
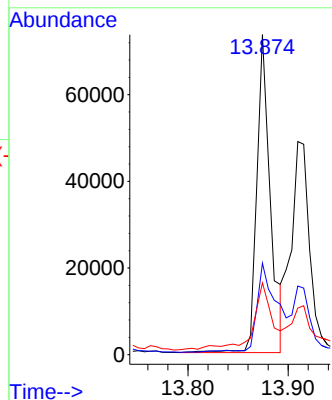
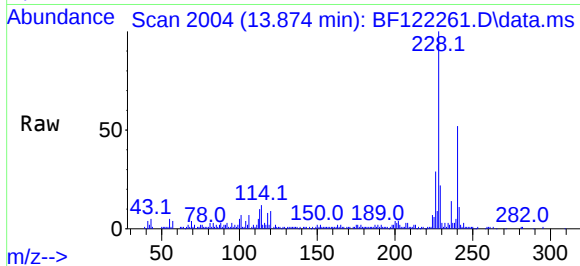
#81
Benzo(a)anthracene
Concen: 5.37 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:228 Resp: 68814
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 22.5 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

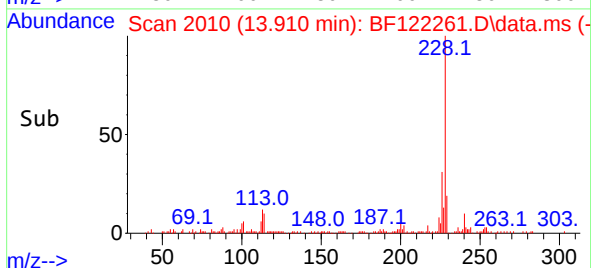
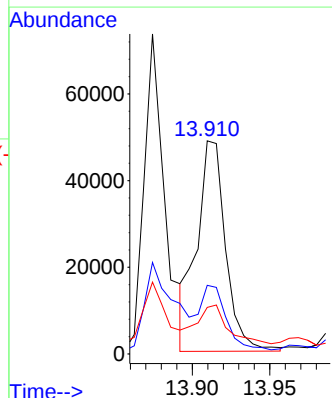
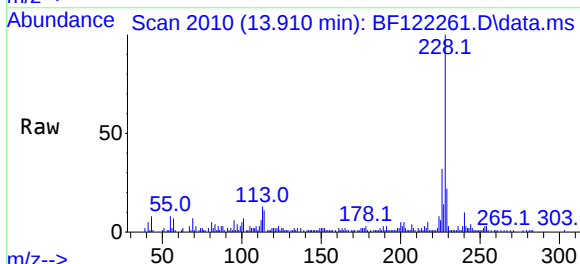
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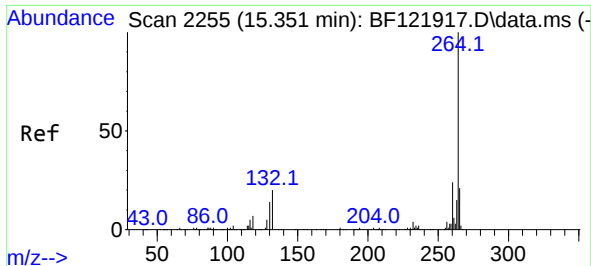
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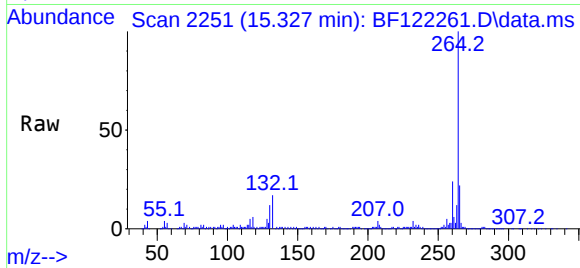
#83
Chrysene
Concen: 5.03 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:228 Resp: 63259
Ion Ratio Lower Upper
228 100
226 32.2 24.6 37.0
229 21.8 15.9 23.9

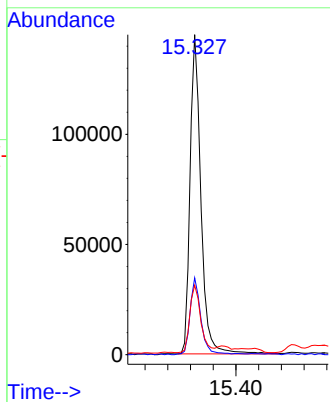
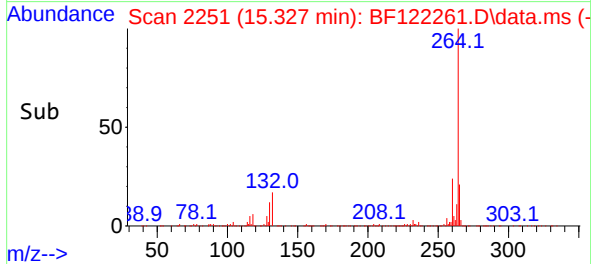




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.023 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



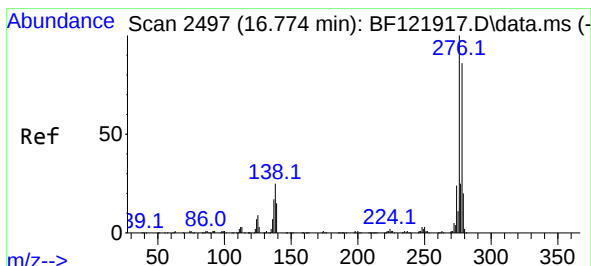
Tgt Ion:264 Resp: 192366
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.7 17.3 25.9



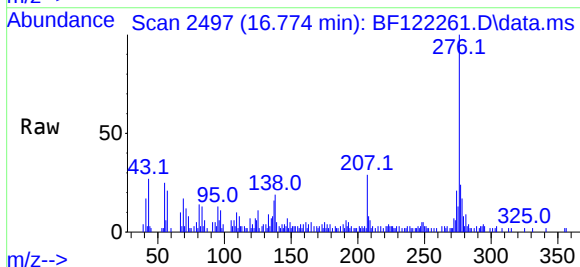
Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

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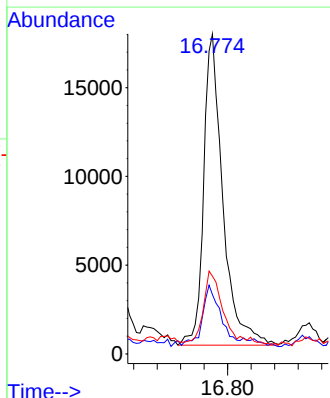
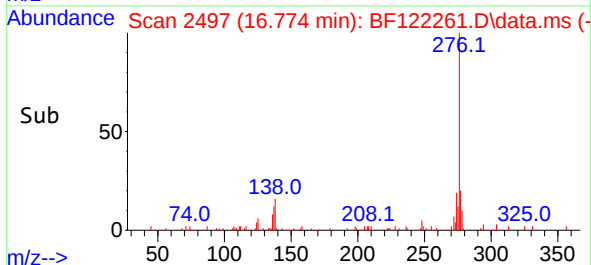
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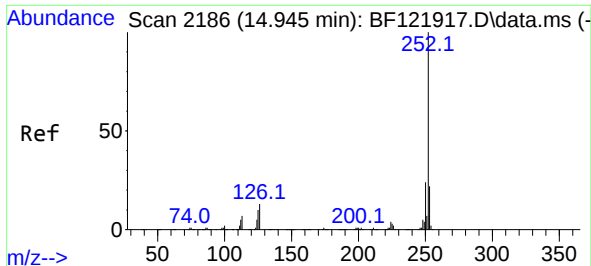


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 16.774 min Scan# 2497
Delta R.T. 0.059 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

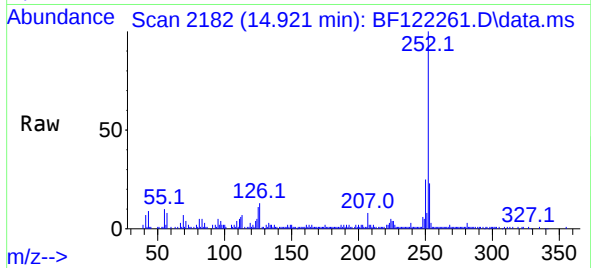


Tgt Ion:276 Resp: 39712
Ion Ratio Lower Upper
276 100
138 18.0 19.9 29.9#
277 24.7 20.4 30.6

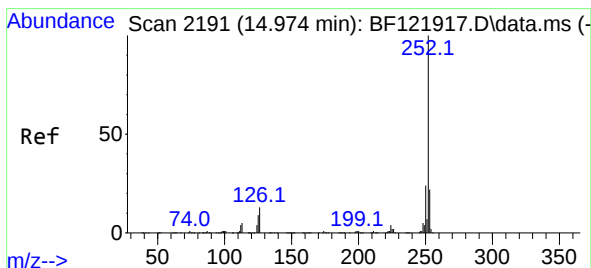
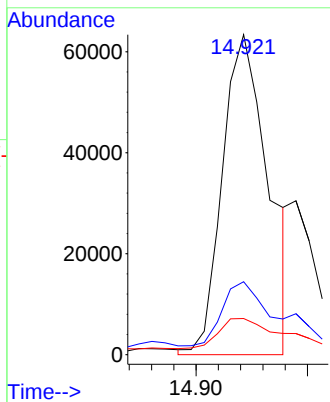
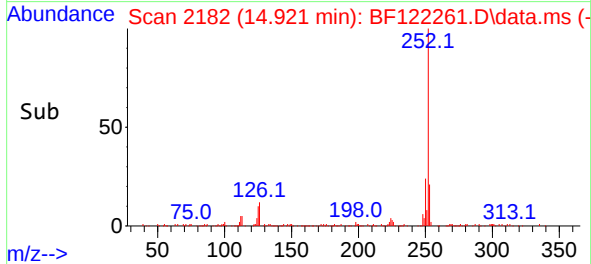




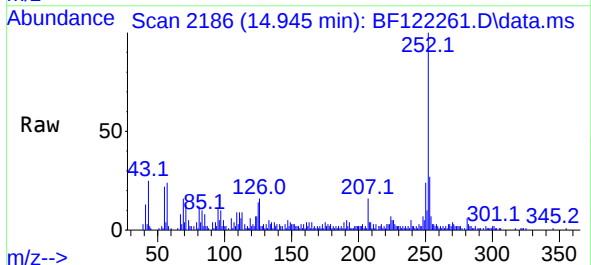
#88
Benzo(b)fluoranthene
Concen: 7.01 ng m
RT: 14.921 min Scan# 2182
Delta R.T. 0.023 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



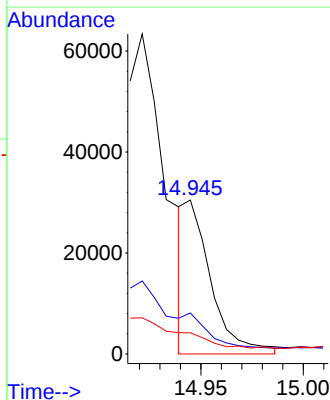
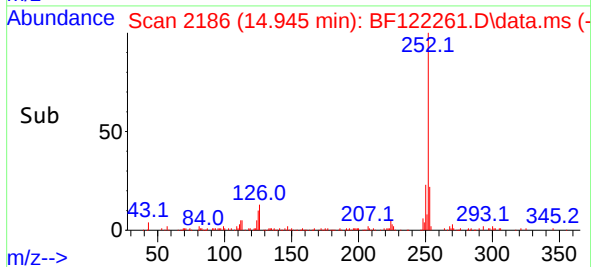
Tgt Ion:252 Resp: 91136
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.3 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.19 ng m
RT: 14.945 min Scan# 2186
Delta R.T. 0.018 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02



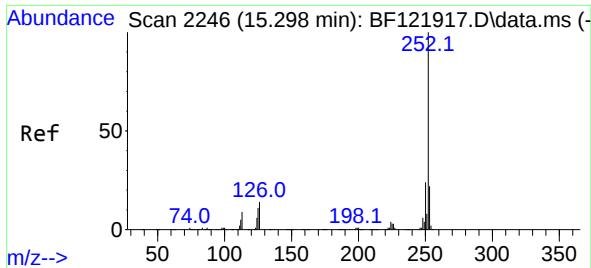
Tgt Ion:252 Resp: 27054
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.6
125 13.7 7.7 11.5#



Instrument :
BNA_F
ClientSampleId :
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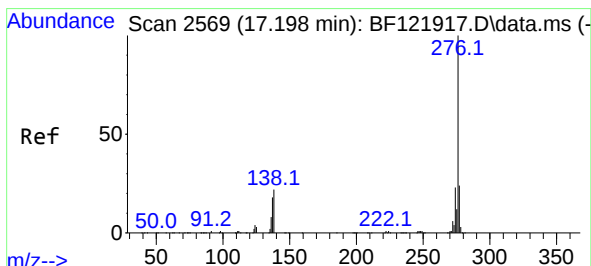
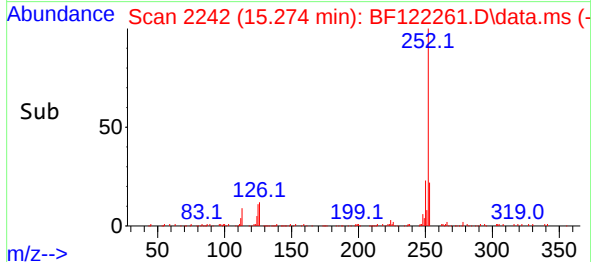
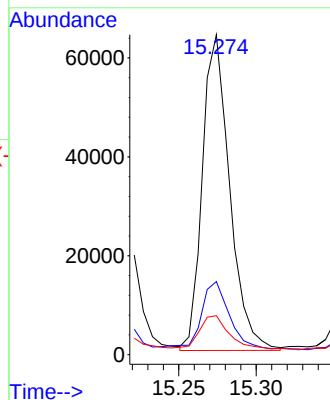
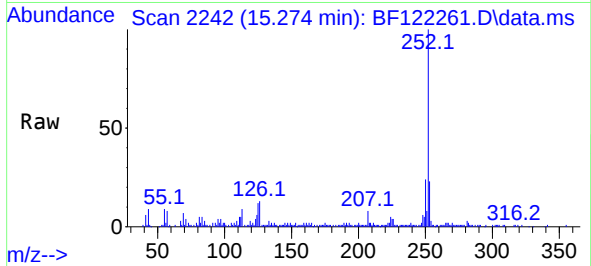
#90
Benzo(a)pyrene
Concen: 6.98 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.023 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:252 Resp: 78355
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 12.2 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.08 ng
RT: 17.204 min Scan# 2570
Delta R.T. 0.071 min
Lab File: BF122261.D
Acq: 4 Nov 2020 14:02

Tgt Ion:276 Resp: 41961
Ion Ratio Lower Upper
276 100
277 28.3 19.4 29.2
138 21.2 17.8 26.6

