

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122215.D
 Acq On : 31 Oct 2020 11:42
 Operator : JU/CG
 Sample : L4521-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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Quant Time: Nov 01 23:52:07 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	87418	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	324730	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	137690	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	212867	20.00	ng	0.00
76) Chrysene-d12	13.886	240	188712	20.00	ng	0.00
86) Perylene-d12	15.321	264	177712	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	544179	91.88	ng	0.00
7) Phenol-d6	6.369	99	686413	90.03	ng	0.00
23) Nitrobenzene-d5	7.281	82	431855	68.20	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	107784	63.28	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	645939	69.02	ng	-0.01
79) Terphenyl-d14	12.816	244	477786	48.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.381	94	35615	4.53	ng	83
49) Acenaphthylene	9.610	152	70044	5.24	ng	100
50) Dimethylphthalate	9.469	163	141852	14.09	ng	99
52) Acenaphthene	9.775	154	46318	5.82	ng	99
58) Fluorene	10.292	166	50786	5.42	ng	99
71) Phenanthrene	11.257	178	731308	62.66	ng	99
72) Anthracene	11.310	178	162980	13.46	ng	98
73) Carbazole	11.474	167	89510	8.32	ng	100
75) Fluoranthene	12.457	202	1459136	116.59	ng	98
78) Pyrene	12.686	202	1342353	93.34	ng	99
81) Benzo(a)anthracene	13.874	228	610817	49.39	ng	97
83) Chrysene	13.910	228	828626m	68.26	ng	
87) Indeno(1,2,3-cd)pyrene	16.739	276	296949	25.74	ng	93
88) Benzo(b)fluoranthene	14.915	252	950318m	79.11	ng	
89) Benzo(k)fluoranthene	14.939	252	212113m	18.59	ng	
90) Benzo(a)pyrene	15.262	252	491157	47.34	ng	97
91) Dibenzo(a,h)anthracene	16.727	278	62952m	6.63	ng	
92) Benzo(g,h,i)perylene	17.162	276	287295	30.22	ng	98

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

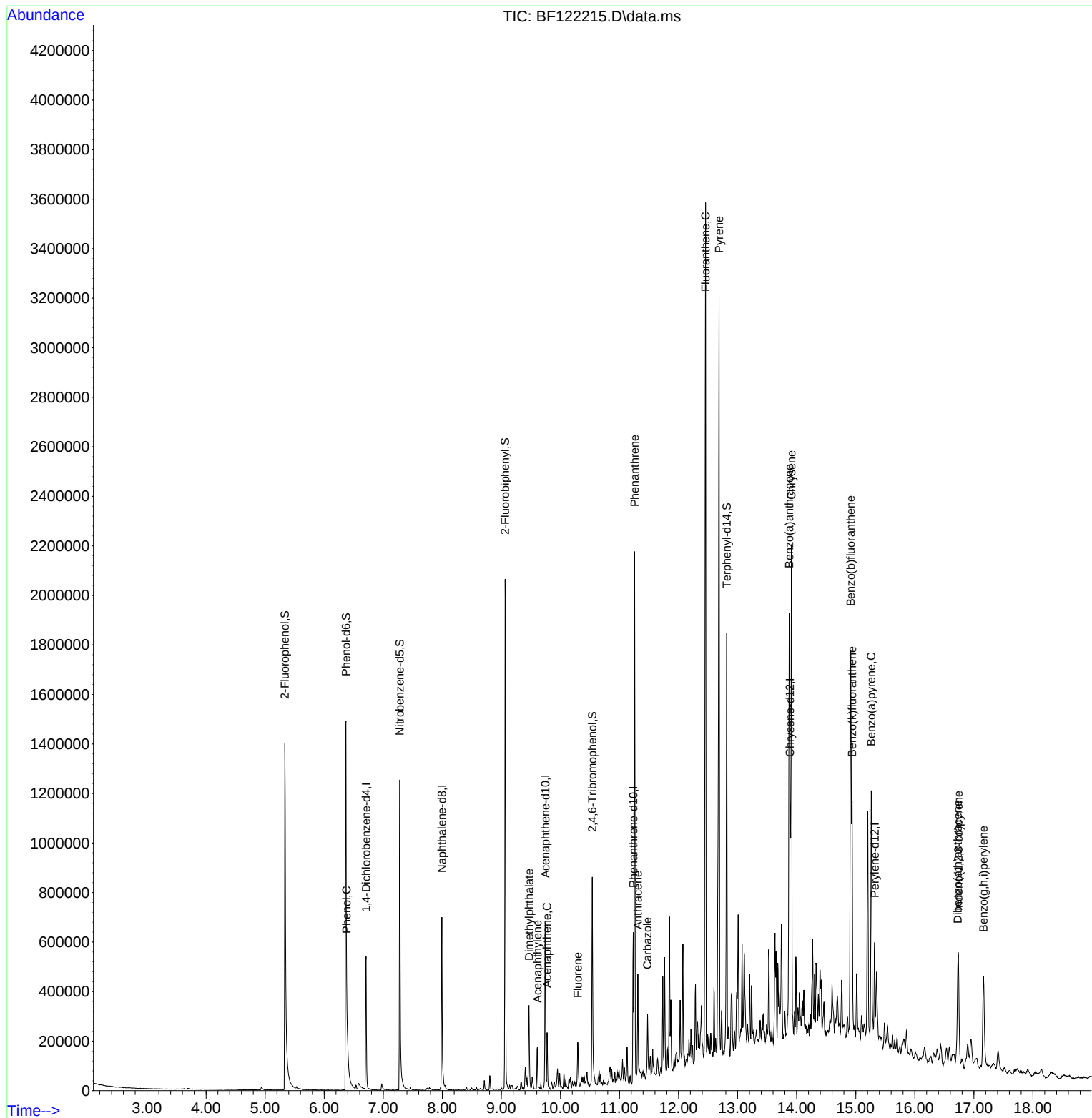
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
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ALS Vial : 36 Sample Multiplier: 1

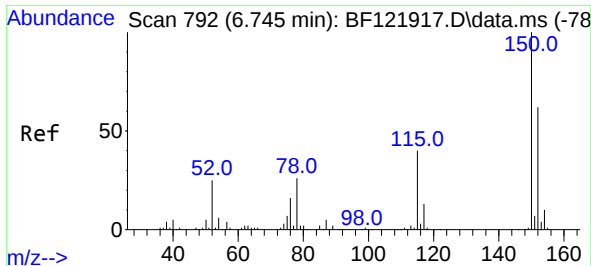
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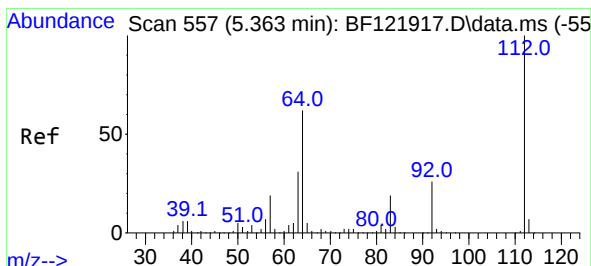
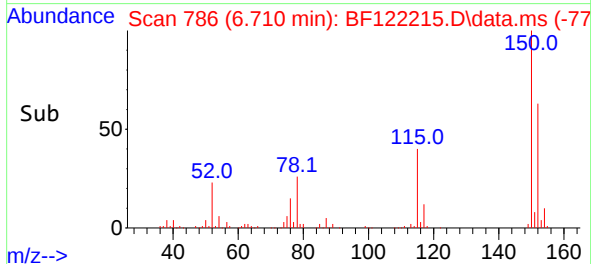
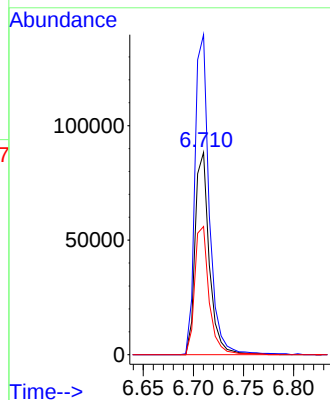
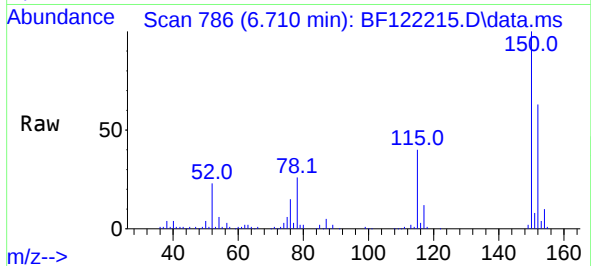
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:152 Resp: 87418
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 63.4 51.9 77.9

Instrument :
BNA_F
ClientSampled :
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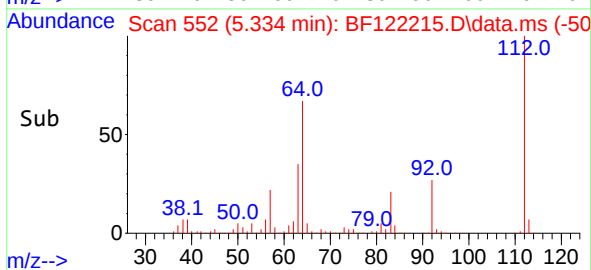
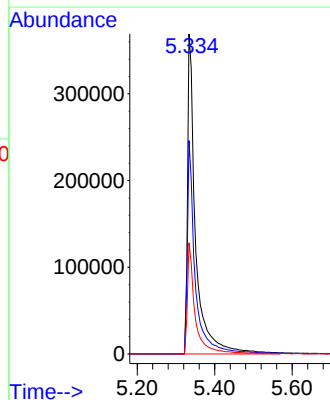
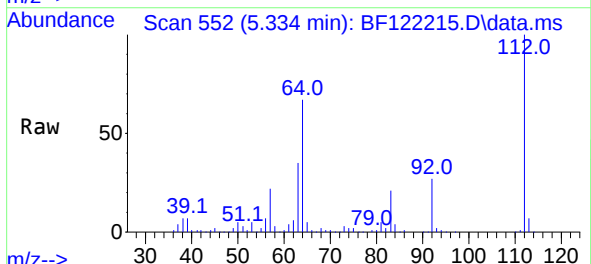
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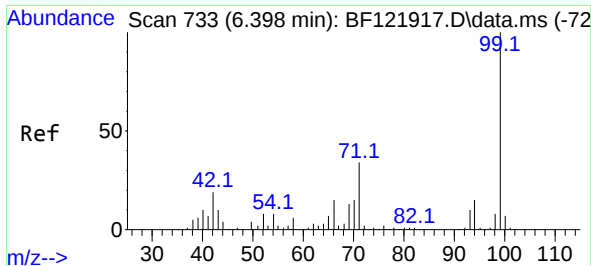
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#5
2-Fluorophenol
Concen: 91.88 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:112 Resp: 544179
Ion Ratio Lower Upper
112 100
64 66.7 50.4 75.6
63 34.8 25.8 38.6





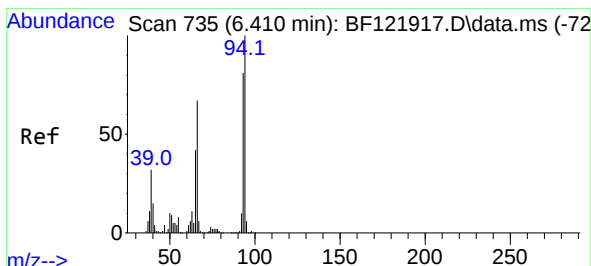
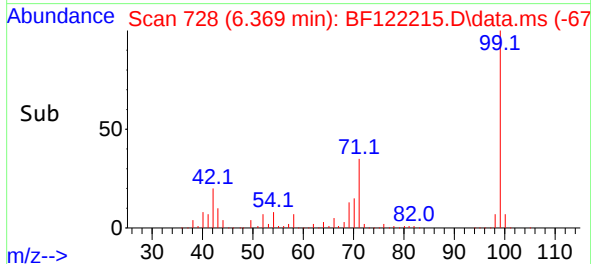
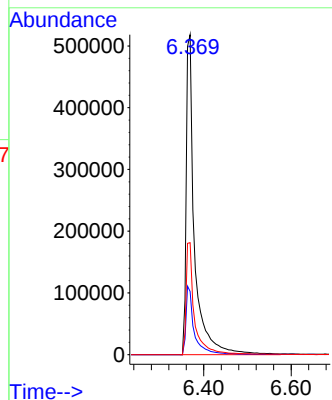
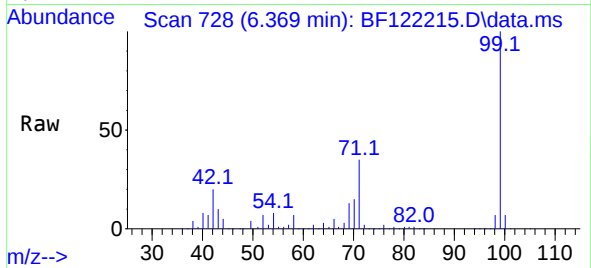
#7
Phenol-d6
Concen: 90.03 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion: 99 Resp: 686413
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.0 27.1 40.7

Instrument :
BNA_F
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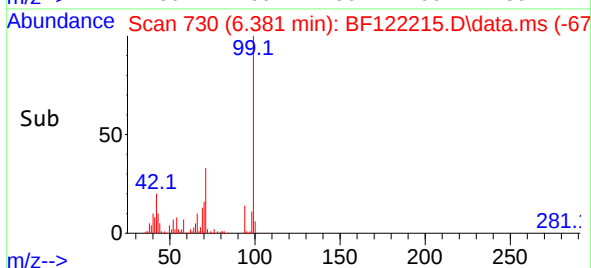
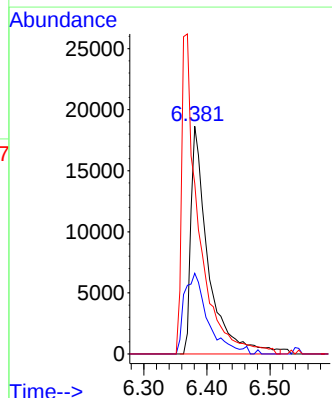
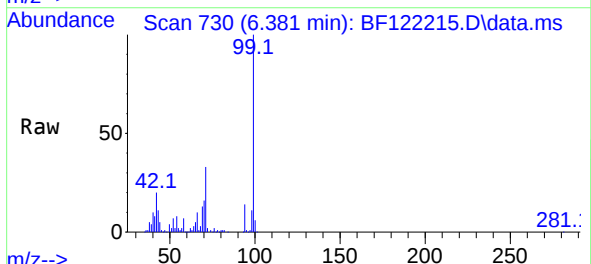
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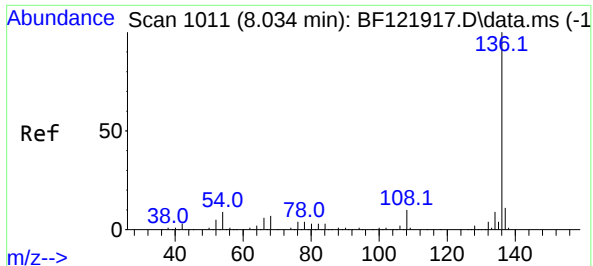
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#10
Phenol
Concen: 4.53 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion: 94 Resp: 35615
Ion Ratio Lower Upper
94 100
65 35.4 17.1 57.1
66 74.9 36.0 76.0





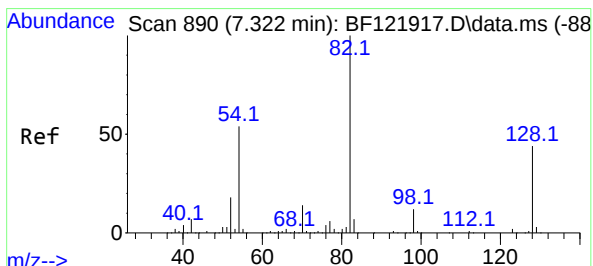
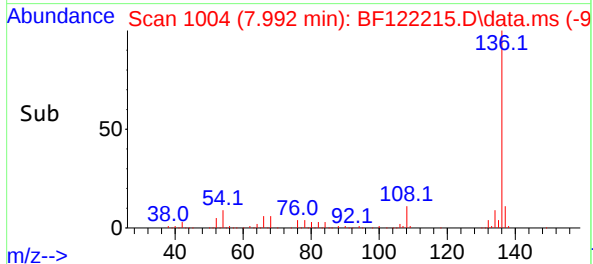
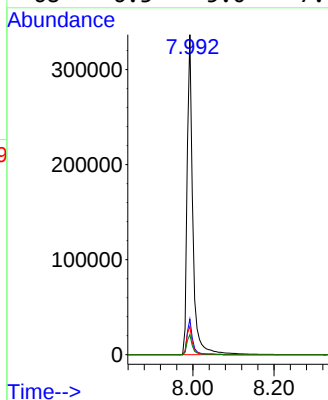
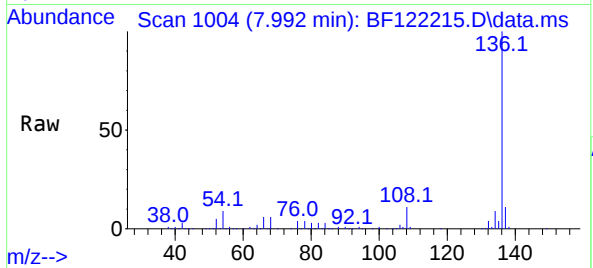
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	136	Resp:	324730
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.8	7.1	10.7
68	6.3	5.0	7.4

Instrument :
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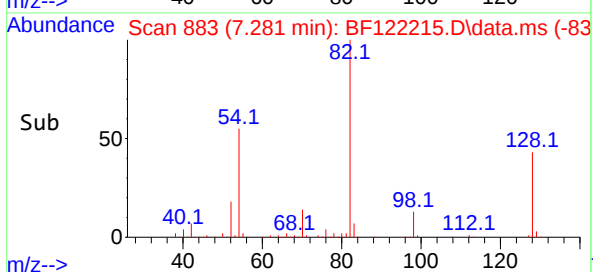
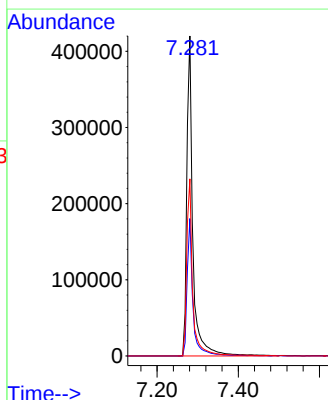
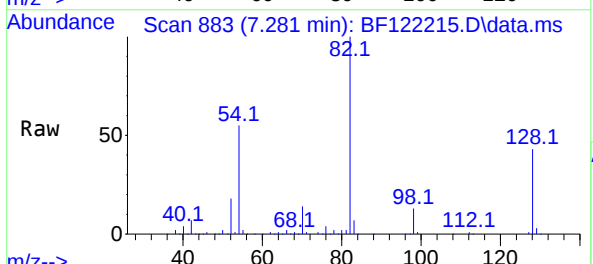
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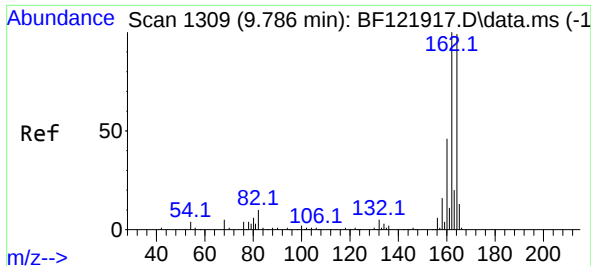
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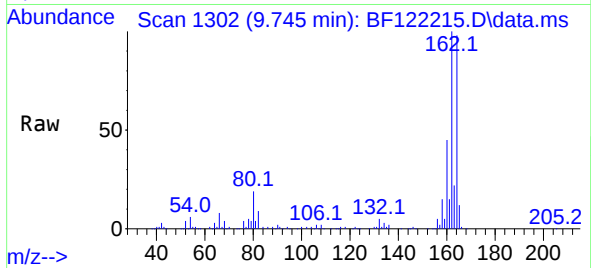
#23
Nitrobenzene-d5
Concen: 68.20 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	82	Resp:	431855
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.0	52.4
54	55.4	43.9	65.9

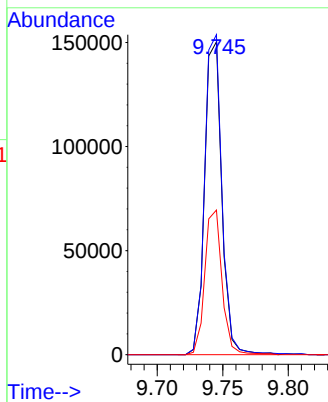
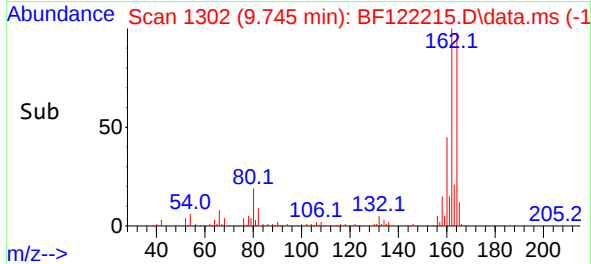




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



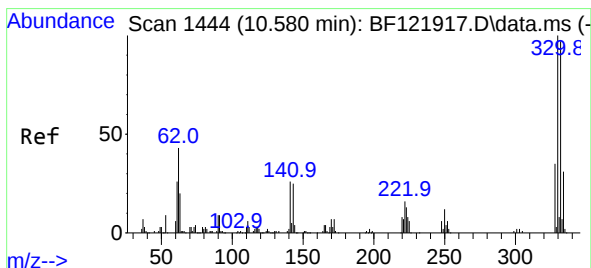
Tgt Ion:164 Resp: 137690
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 46.2 37.5 56.3



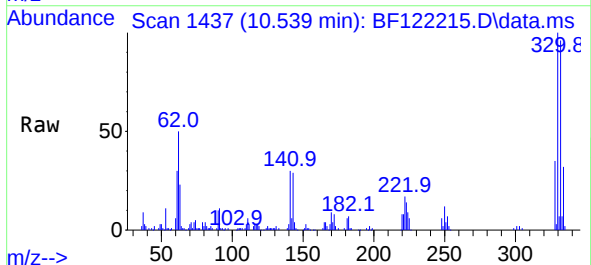
Instrument :
BNA_F
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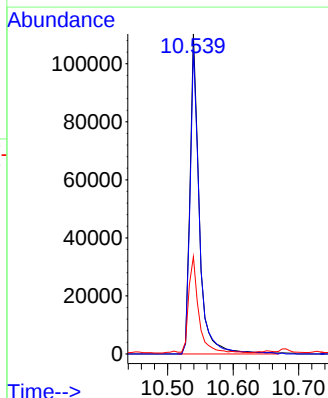
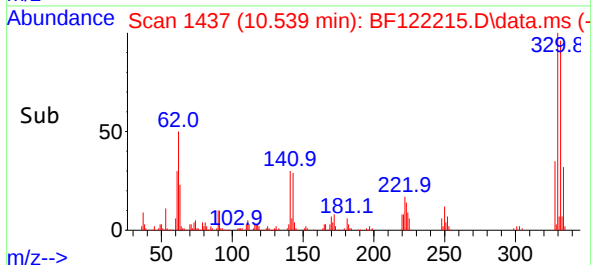
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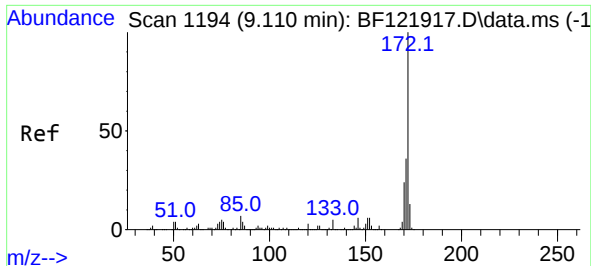


#42
2,4,6-Tribromophenol
Concen: 63.28 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



Tgt Ion:330 Resp: 107784
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.9 22.3 33.5





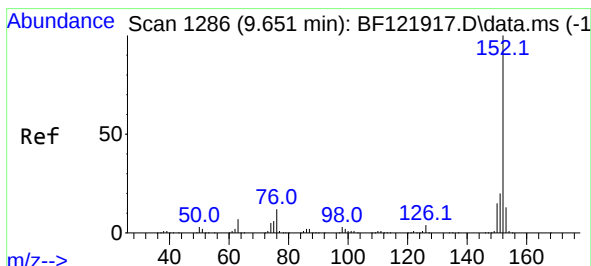
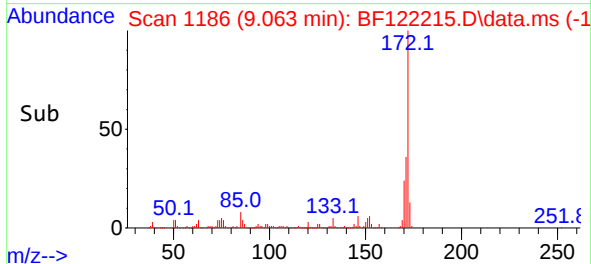
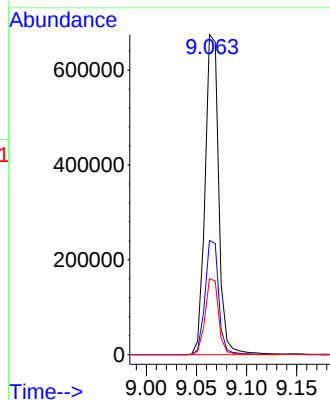
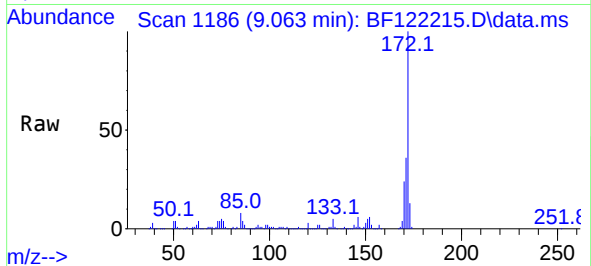
#45
2-Fluorobiphenyl
Concen: 69.02 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	172	Resp:	645939
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.1	43.7
170	23.7	19.8	29.6

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ClientSampleId :
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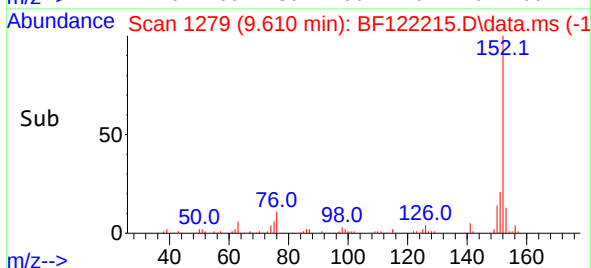
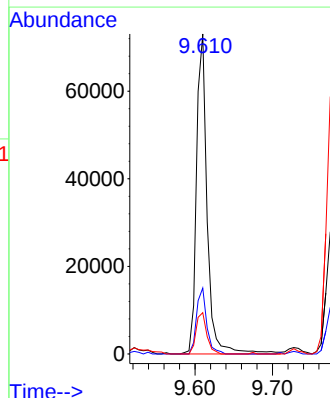
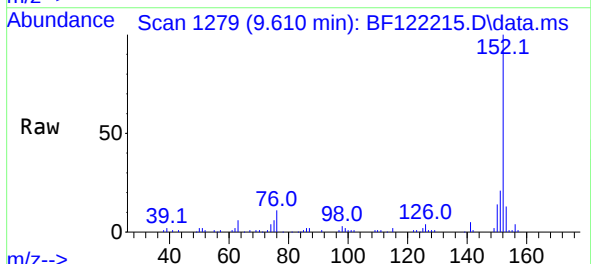
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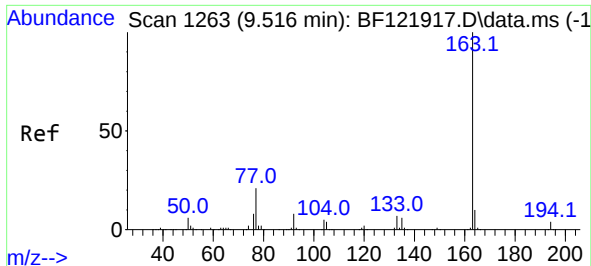
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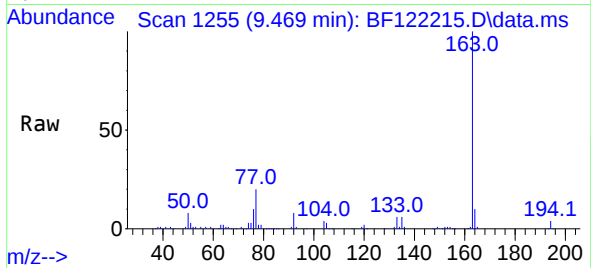
#49
Acenaphthylene
Concen: 5.24 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	152	Resp:	70044
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	12.9	10.6	15.8

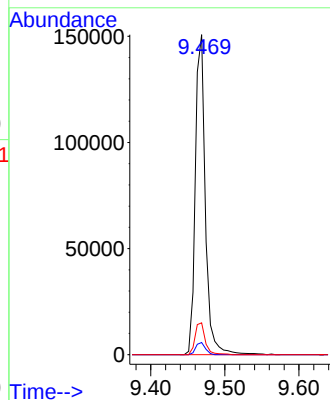
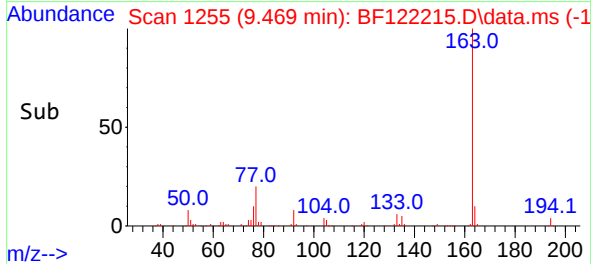




#50
Dimethylphthalate
Concen: 14.09 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



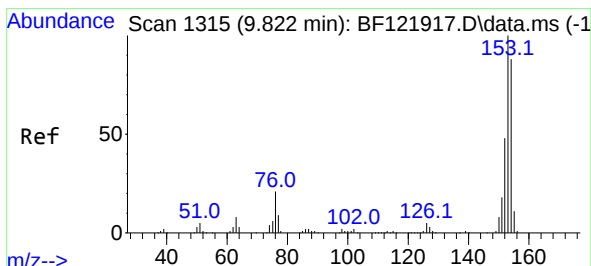
Tgt Ion:163 Resp: 141852
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4



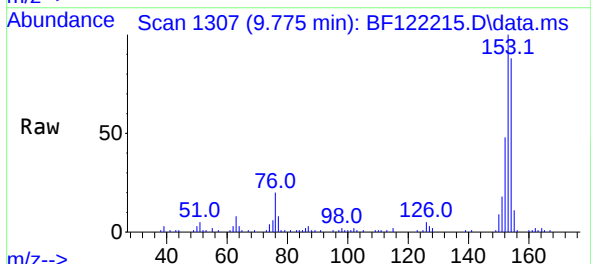
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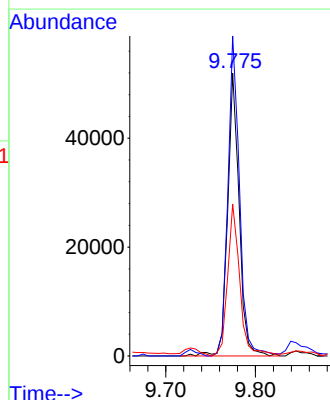
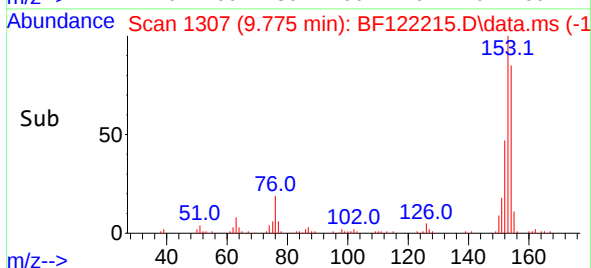
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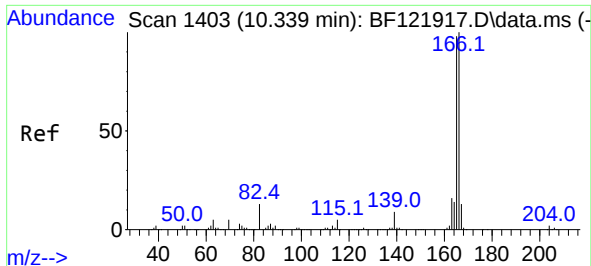


#52
Acenaphthene
Concen: 5.82 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

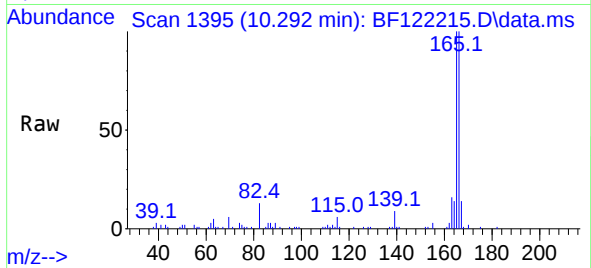


Tgt Ion:154 Resp: 46318
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 53.8 43.2 64.8

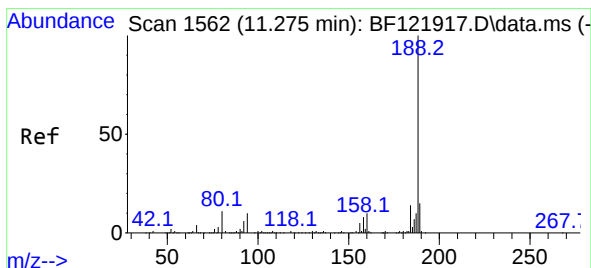
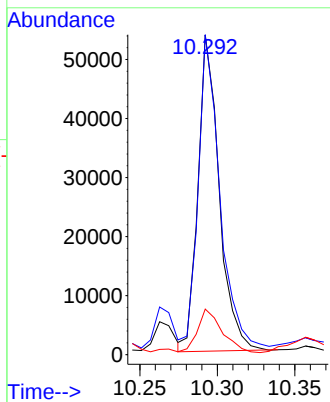
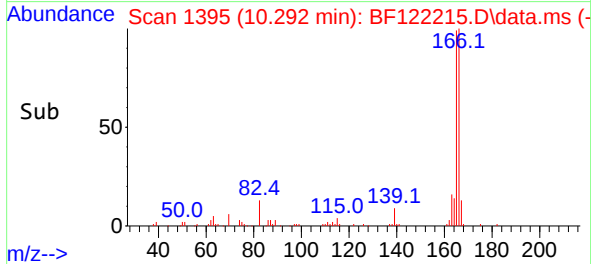




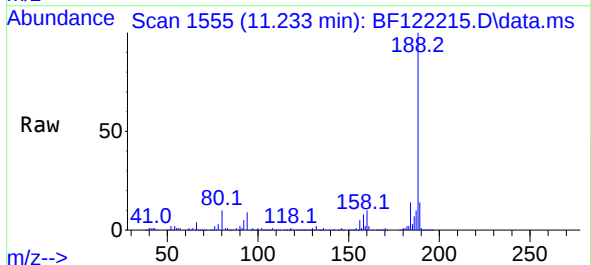
#58
Fluorene
Concen: 5.42 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



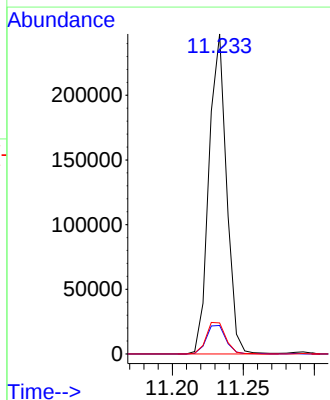
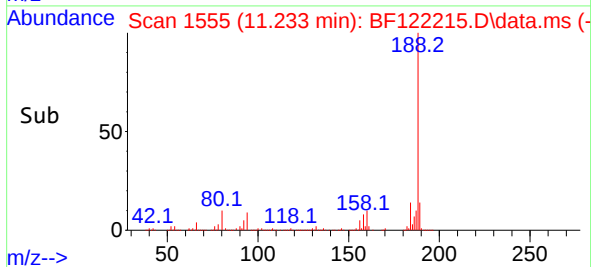
Tgt Ion:166 Resp: 50786
Ion Ratio Lower Upper
166 100
165 100.1 79.1 118.7
167 14.3 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



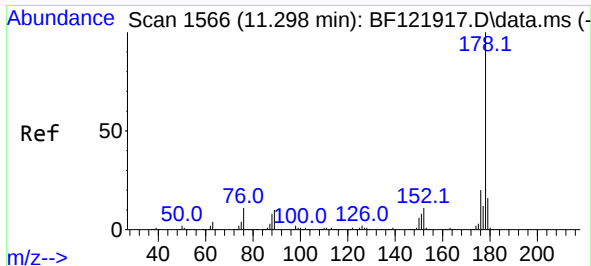
Tgt Ion:188 Resp: 212867
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.7 9.1 13.7



Instrument :
BNA_F
ClientSampleId :
S-1

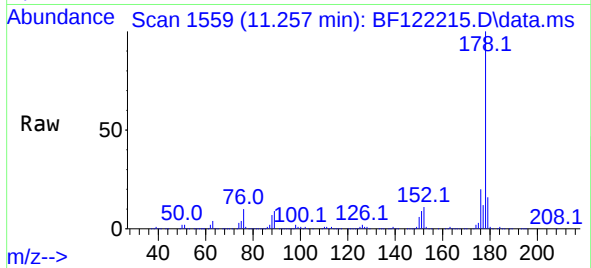
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#71
Phenanthrene
Concen: 62.66 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

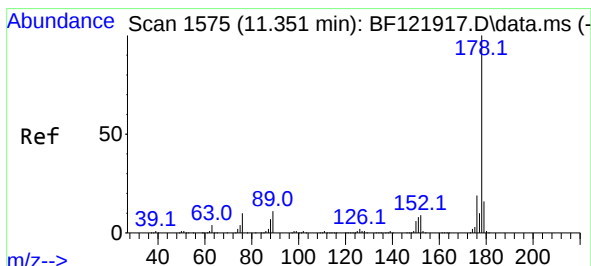
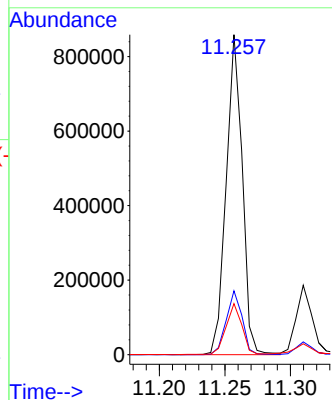
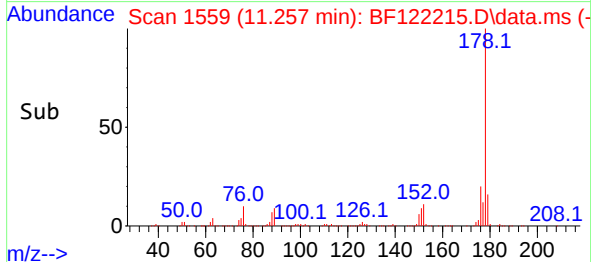
Instrument :
BNA_F
ClientSampled :
S-1



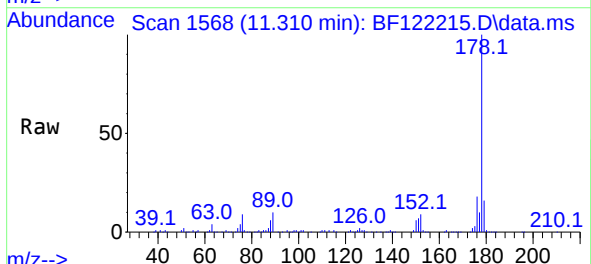
Tgt Ion:178 Resp: 731308
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.0 12.2 18.4

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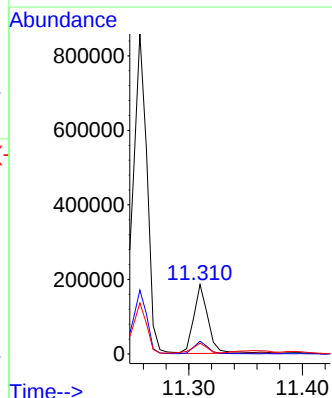
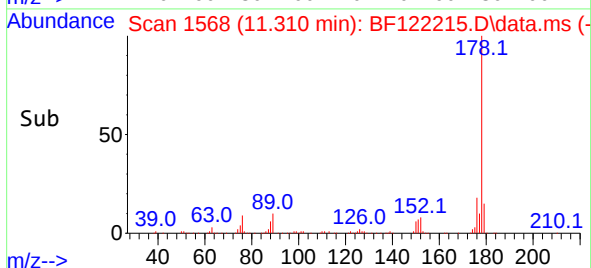
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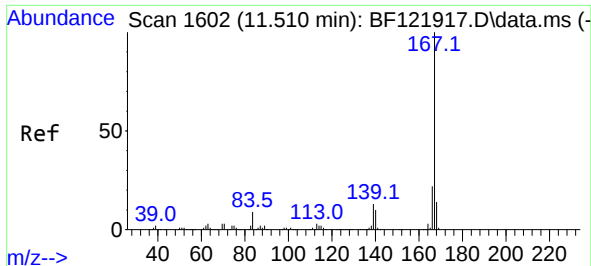


#72
Anthracene
Concen: 13.46 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



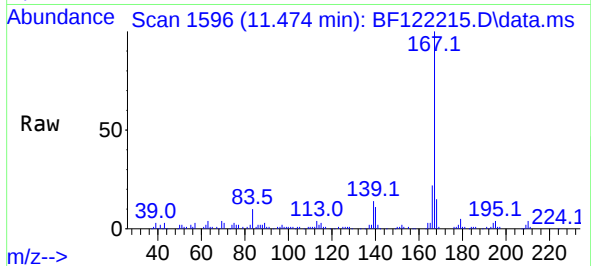
Tgt Ion:178 Resp: 162980
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 8.32 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF122215.D
 Acq: 31 Oct 2020 11:42

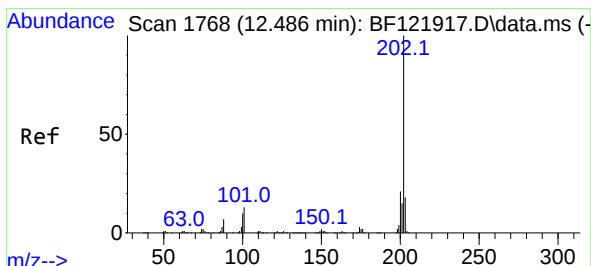
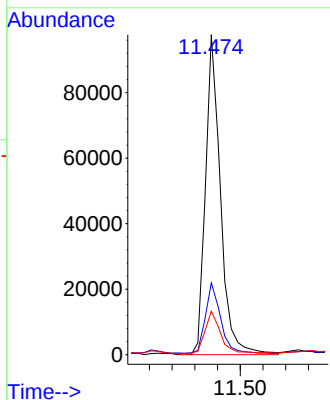
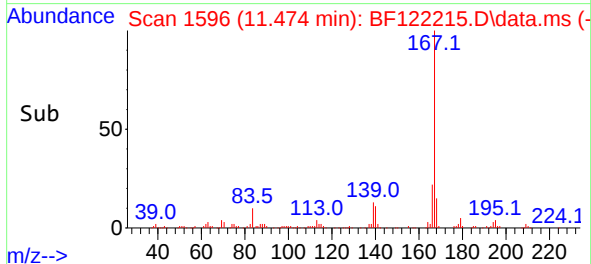
Instrument :
 BNA_F
 ClientSampled :
 S-1



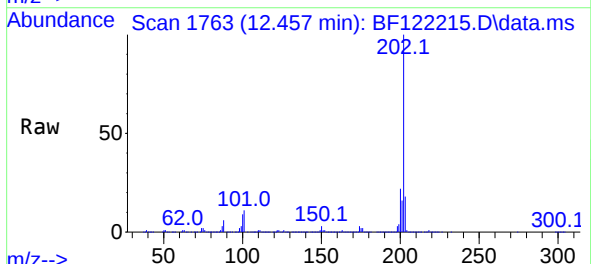
Tgt Ion:167 Resp: 89510
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.6 10.8 16.2

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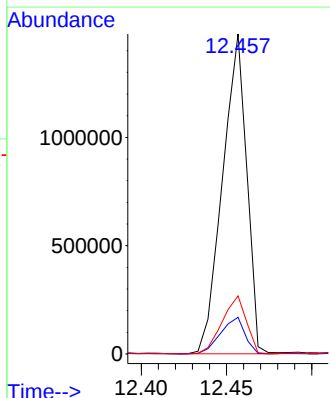
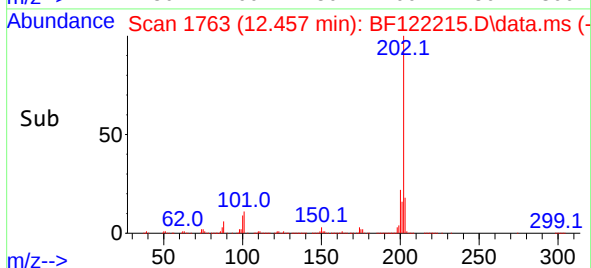
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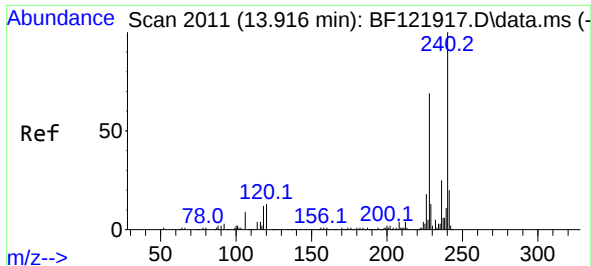


#75
 Fluoranthene
 Concen: 116.59 ng
 RT: 12.457 min Scan# 1763
 Delta R.T. 0.006 min
 Lab File: BF122215.D
 Acq: 31 Oct 2020 11:42

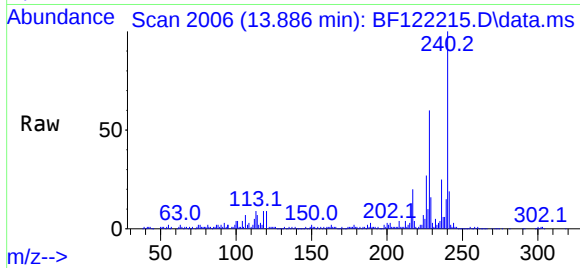


Tgt Ion:202 Resp: 1459136
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 33.4
 203 18.2 0.0 37.9

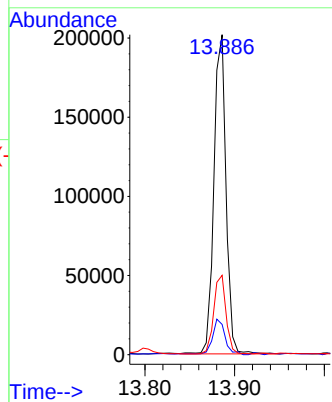
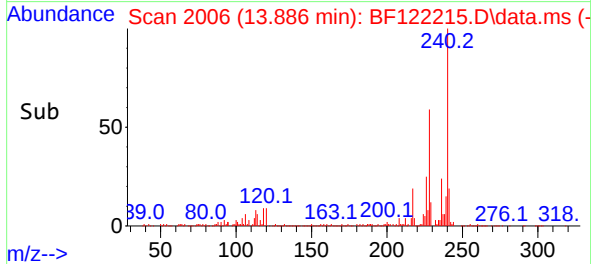




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



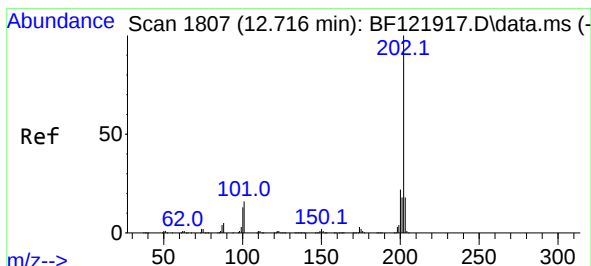
Tgt Ion:240 Resp: 188712
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 24.8 20.9 31.3



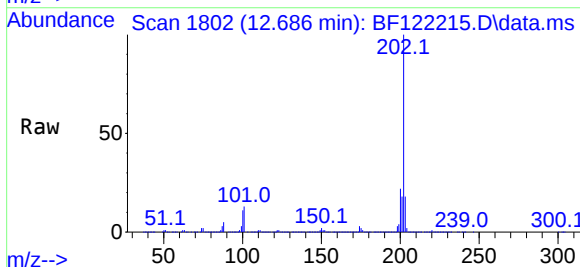
Instrument :
BNA_F
ClientSampleId :
S-1

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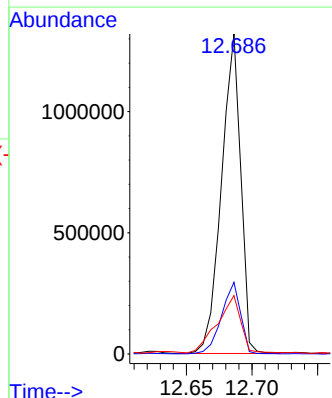
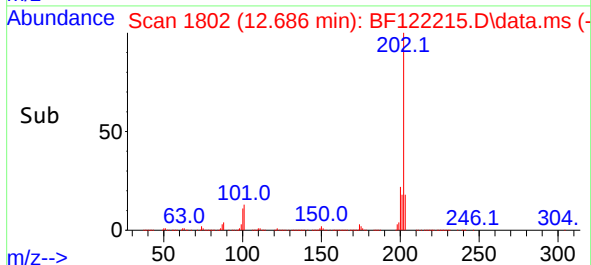
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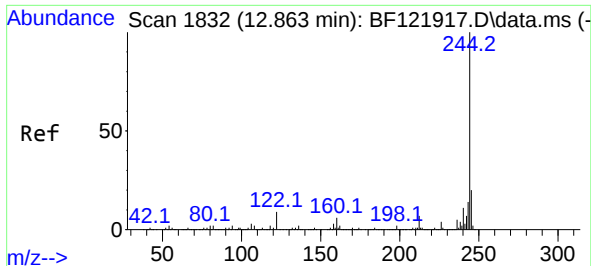


#78
Pyrene
Concen: 93.34 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

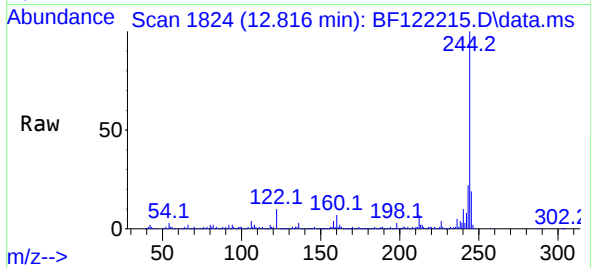


Tgt Ion:202 Resp: 1342353
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.6 21.8

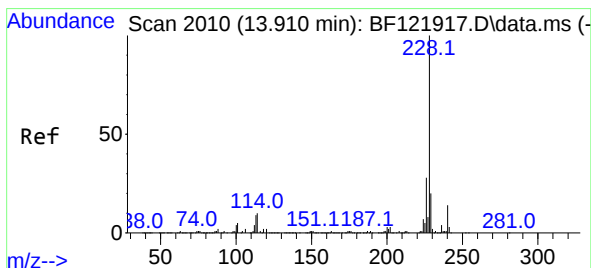
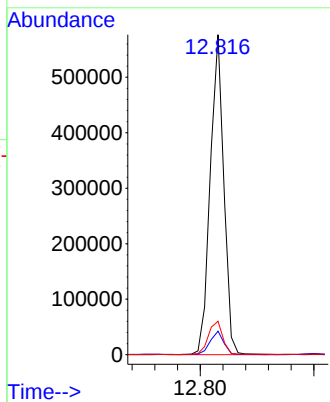
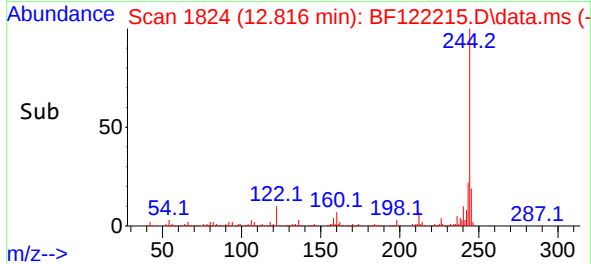




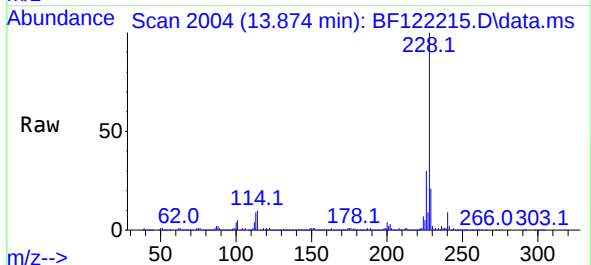
#79
Terphenyl-d14
Concen: 48.25 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



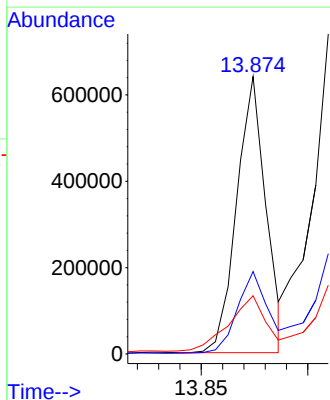
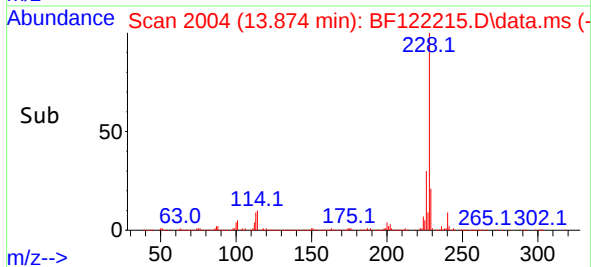
Tgt Ion:244 Resp: 477786
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.5 8.1 12.1



#81
Benzo(a)anthracene
Concen: 49.39 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42



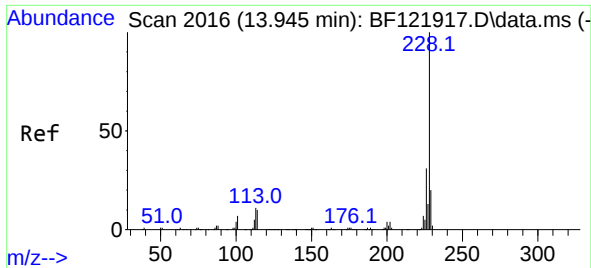
Tgt Ion:228 Resp: 610817
Ion Ratio Lower Upper
228 100
226 29.7 22.3 33.5
229 21.0 16.2 24.4



Instrument :
BNA_F
ClientSampleId :
S-1

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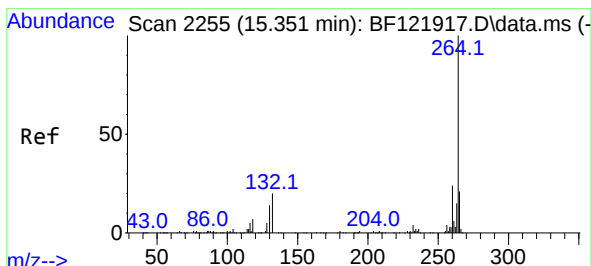
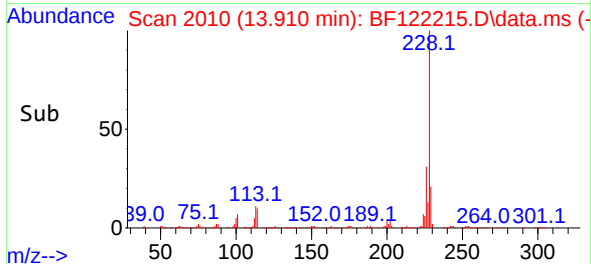
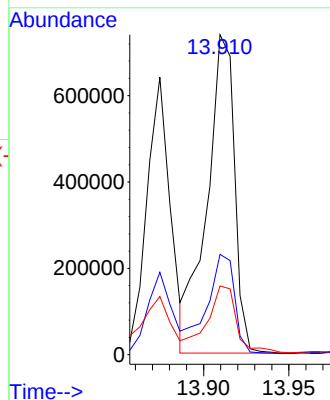
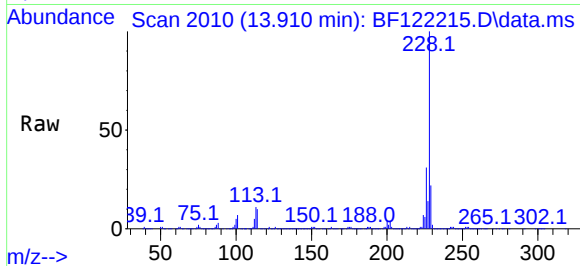
#83
Chrysene
Concen: 68.26 ng m
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	228	Resp:	828626
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.6	37.0
229	21.5	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
S-1

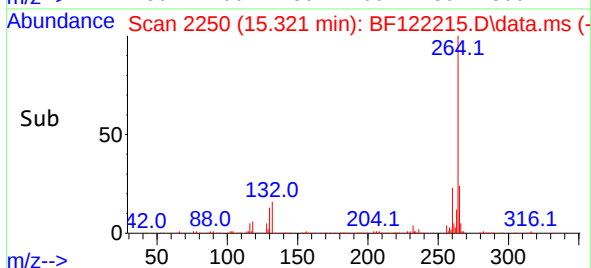
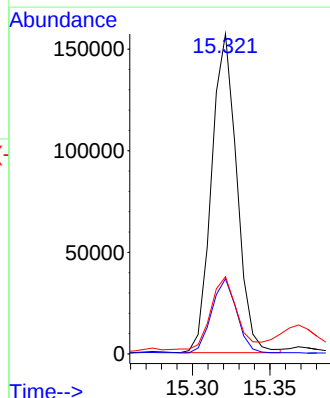
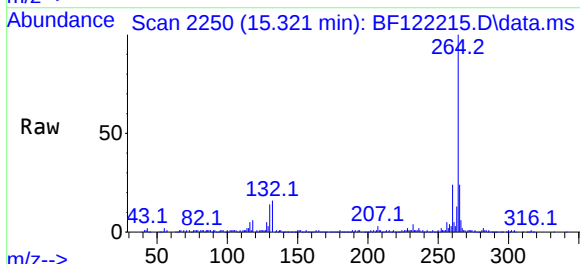
Manual Integrations
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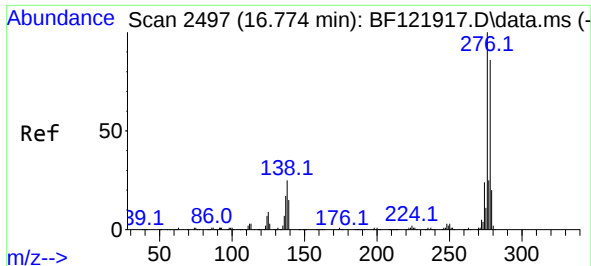
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:	264	Resp:	177712
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	24.2	17.3	25.9





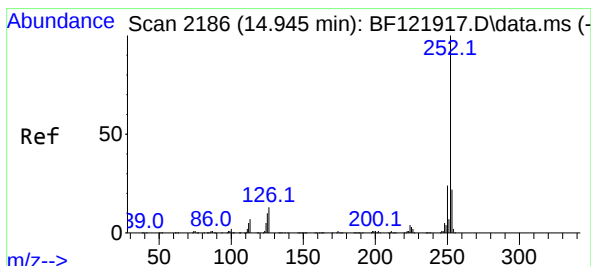
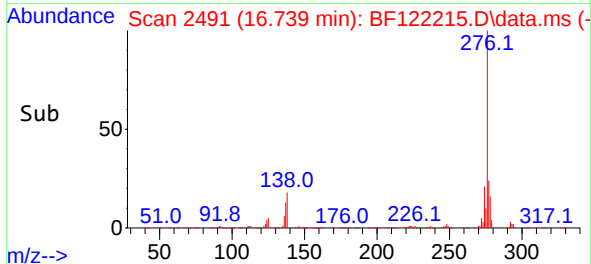
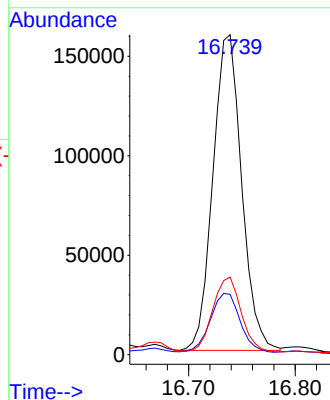
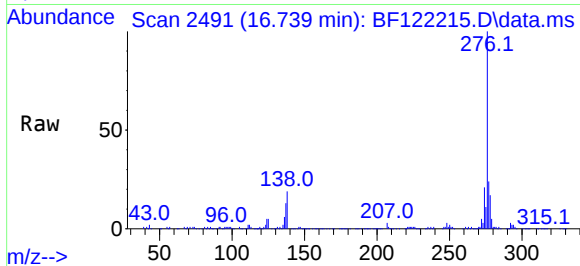
#87
Indeno(1,2,3-cd)pyrene
Concen: 25.74 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:276 Resp: 296949
Ion Ratio Lower Upper
276 100
138 20.1 19.9 29.9
277 23.4 20.4 30.6

Instrument :
BNA_F
ClientSampleId :
S-1

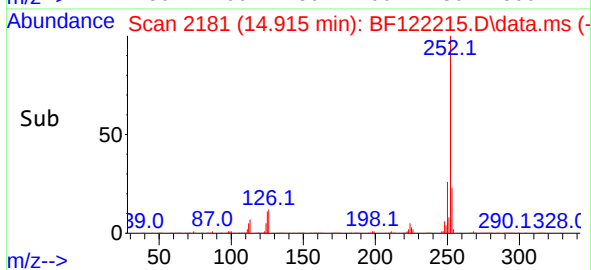
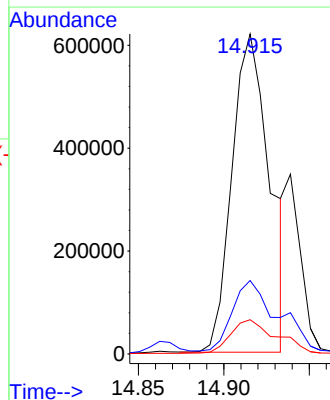
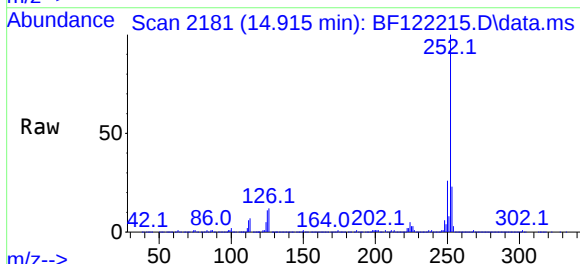
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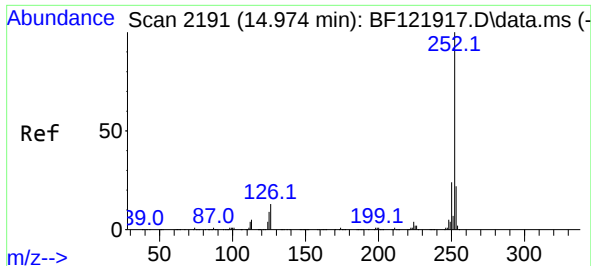
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#88
Benzo(b)fluoranthene
Concen: 79.11 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:252 Resp: 950318
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.7 8.0 12.0





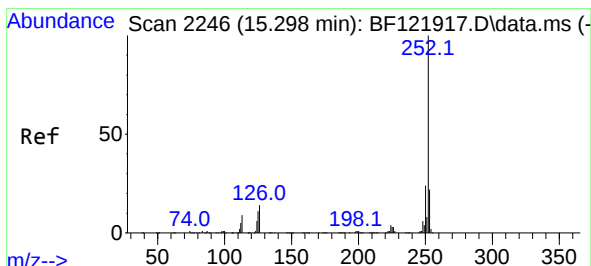
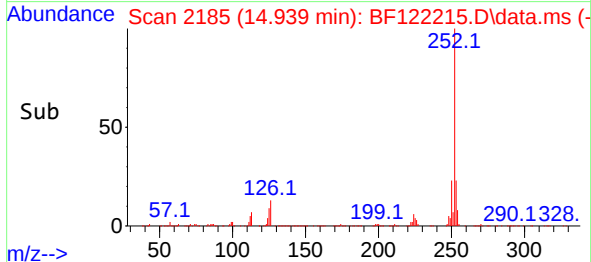
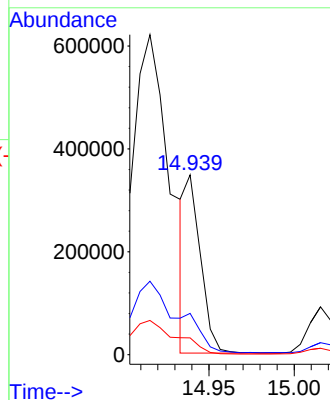
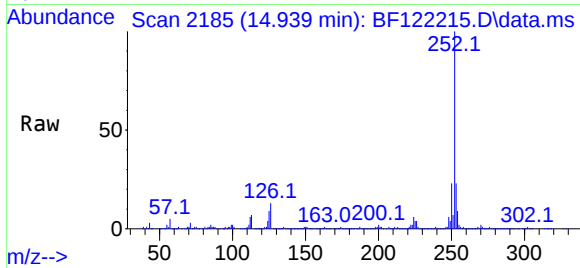
#89
Benzo(k)fluoranthene
Concen: 18.59 ng m
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:252 Resp: 212113
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 9.4 7.7 11.5

Instrument :
BNA_F
ClientSampled :
S-1

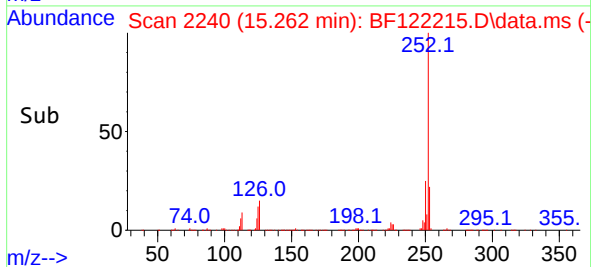
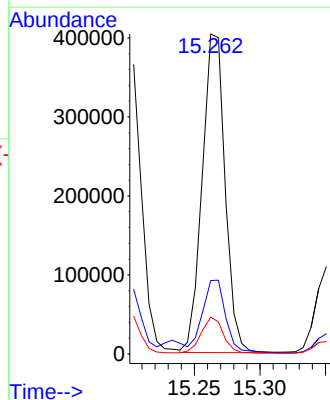
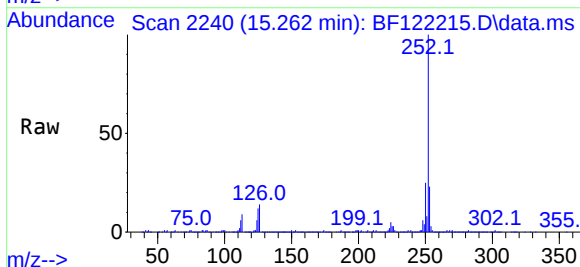
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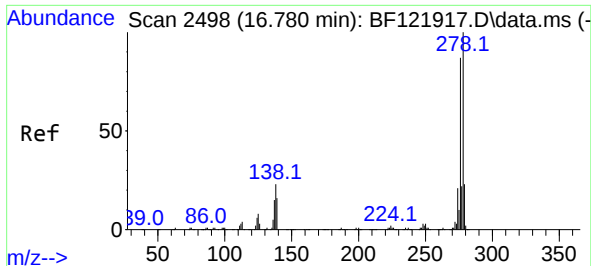
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#90
Benzo(a)pyrene
Concen: 47.34 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion:252 Resp: 491157
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.5 8.6 13.0





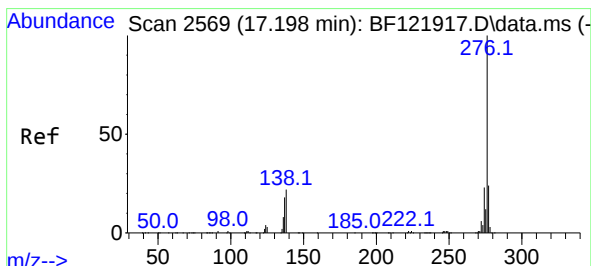
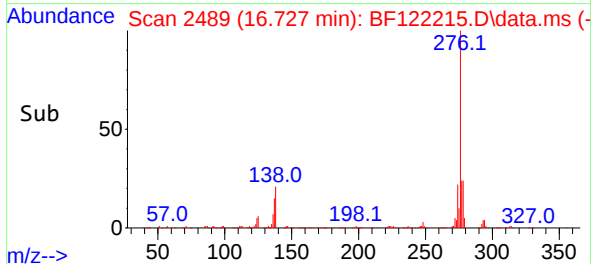
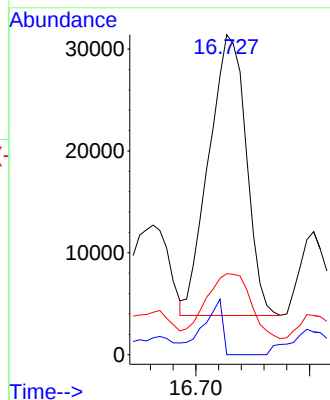
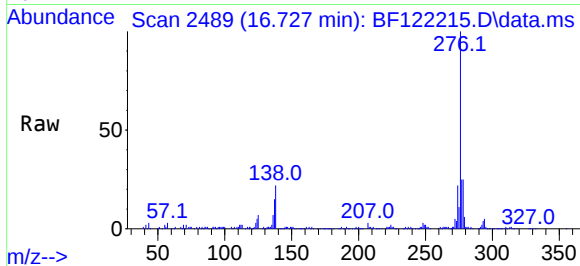
#91
Dibenzo(a,h)anthracene
Concen: 6.63 ng m
RT: 16.727 min Scan# 2489
Delta R.T. 0.012 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion: 278 Resp: 62952
Ion Ratio Lower Upper
278 100
139 0.0 13.0 19.4#
279 25.3 19.0 28.4

Instrument :
BNA_F
ClientSampled :
S-1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 30.22 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.029 min
Lab File: BF122215.D
Acq: 31 Oct 2020 11:42

Tgt Ion: 276 Resp: 287295
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.2
138 20.3 17.8 26.6

