

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123221.D
 Acq On : 17 Feb 2021 19:55
 Operator : JU/CG
 Sample : M1427-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T359-171187

Quant Time: Feb 18 06:38:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

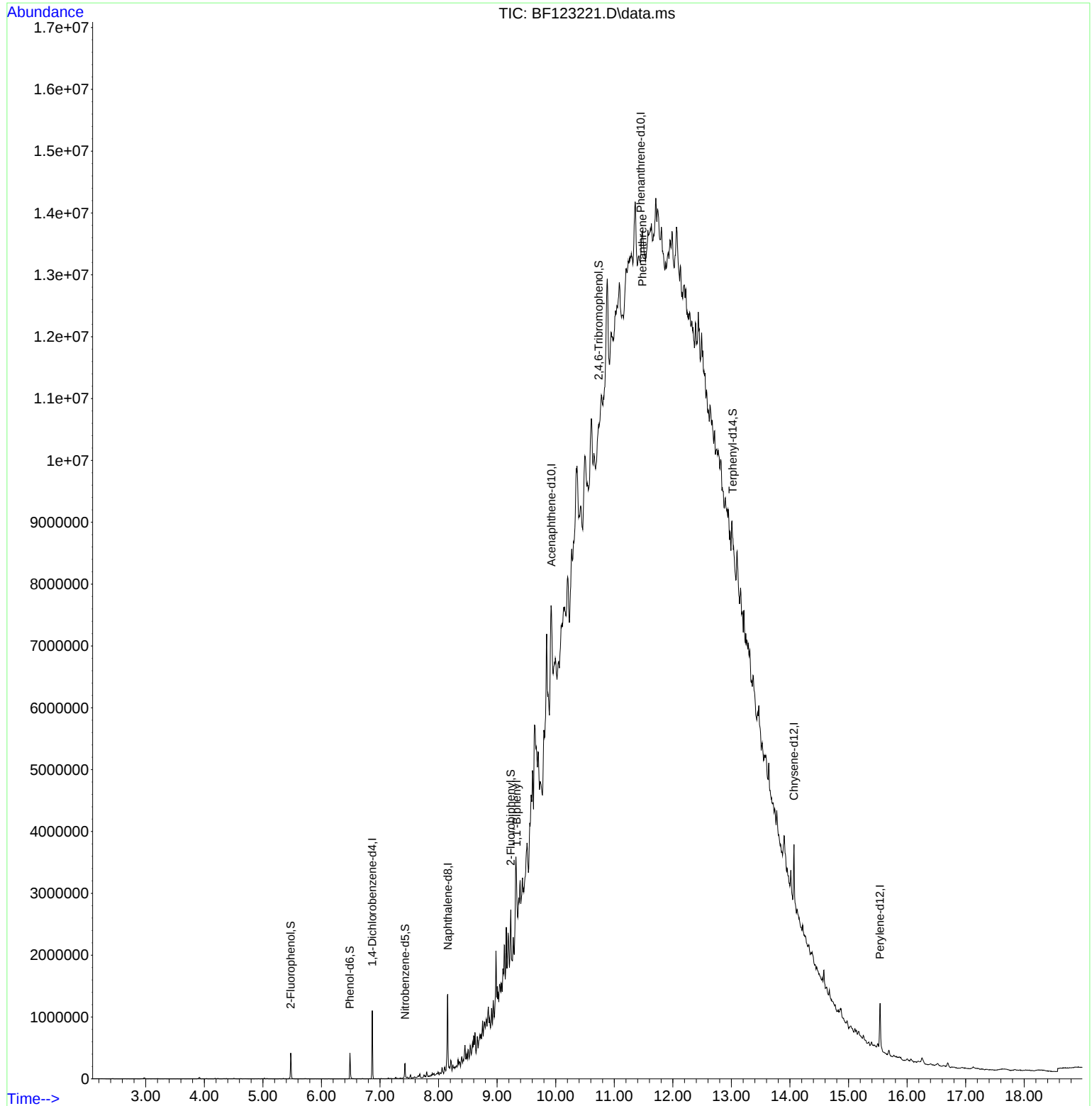
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	144340	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	552670	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	226920	20.00	ng	0.01
64) Phenanthrene-d10	11.451	188	243890	20.00	ng	# 0.05
76) Chrysene-d12	14.068	240	302179	20.00	ng	0.01
86) Perylene-d12	15.539	264	330893	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	115456	12.12	ng	0.00
7) Phenol-d6	6.487	99	134454	10.69	ng	-0.01
23) Nitrobenzene-d5	7.428	82	81170	7.72	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	22126	9.03	ng	0.03
45) 2-Fluorobiphenyl	9.233	172	150913	9.94	ng	0.00
79) Terphenyl-d14	13.021	244	103952	6.89	ng	0.02
Target Compounds						
46) 1,1'-Biphenyl	9.333	154	50707	2.77	ng	Qvalue 93
71) Phenanthrene	11.480	178	345498	24.04	ng	# 50

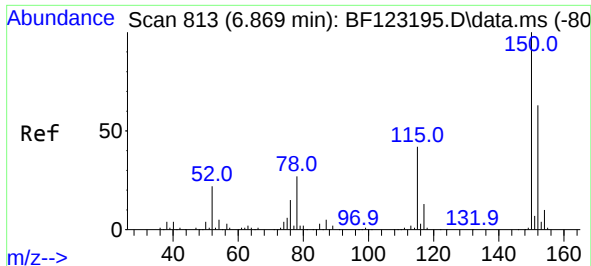
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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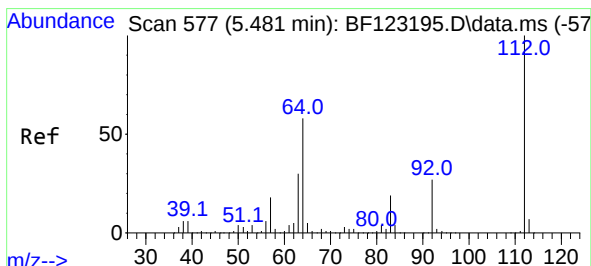
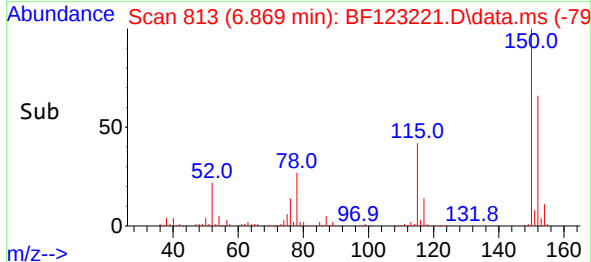
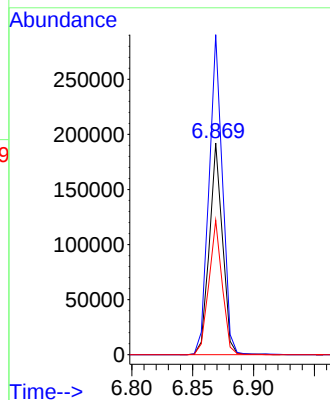
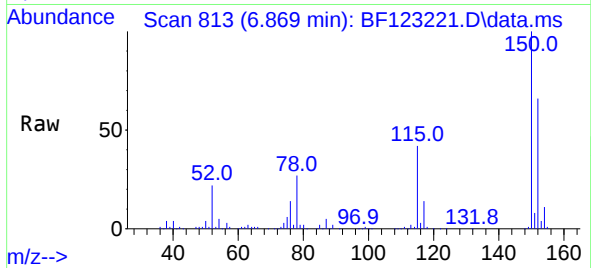




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

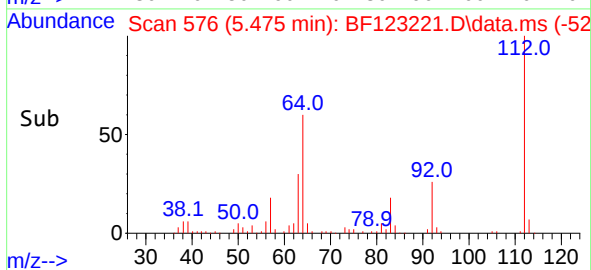
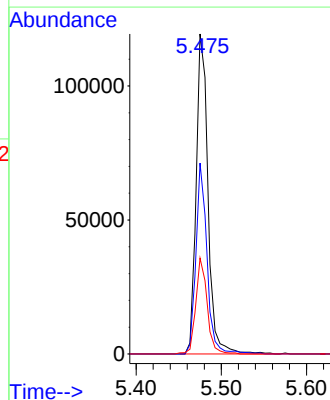
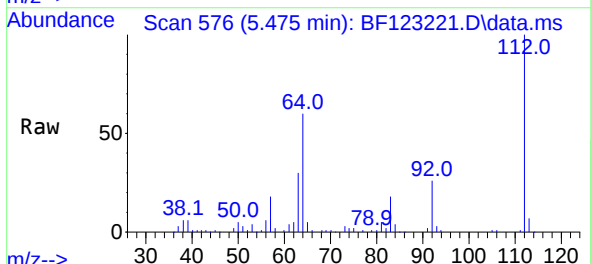
Instrument :
BNA_F
ClientSampleId :
T359-171187

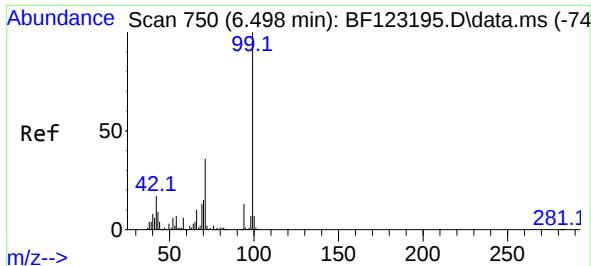
Tgt Ion:152 Resp: 144340
Ion Ratio Lower Upper
152 100
150 151.1 125.8 188.6
115 63.5 49.3 73.9



#5
2-Fluorophenol
Concen: 12.12 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion:112 Resp: 115456
Ion Ratio Lower Upper
112 100
64 59.6 46.9 70.3
63 30.0 24.5 36.7

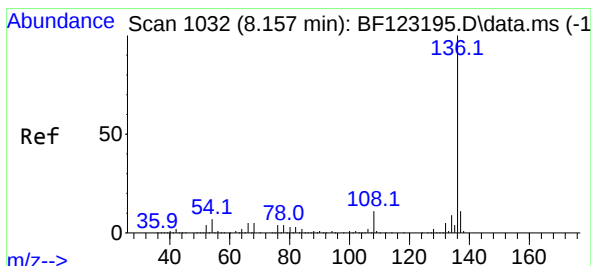
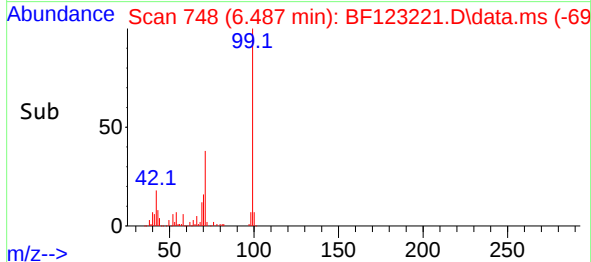
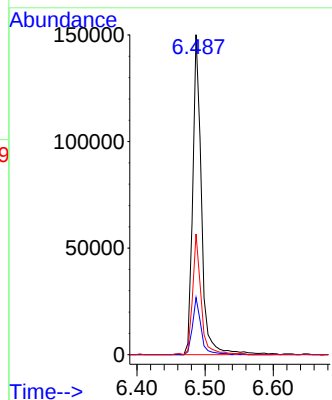
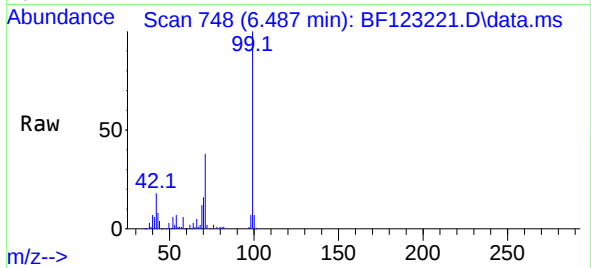




#7
Phenol-d6
Concen: 10.69 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

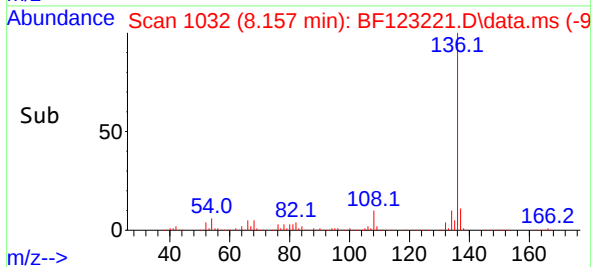
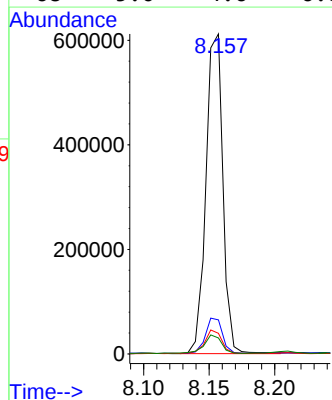
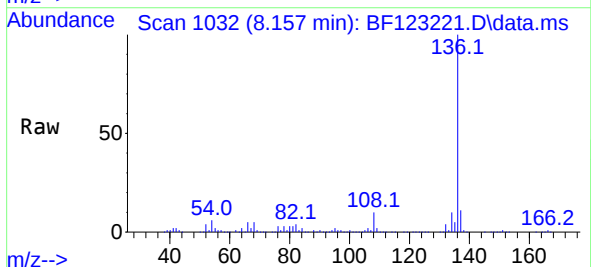
Instrument :
BNA_F
ClientSampleId :
T359-171187

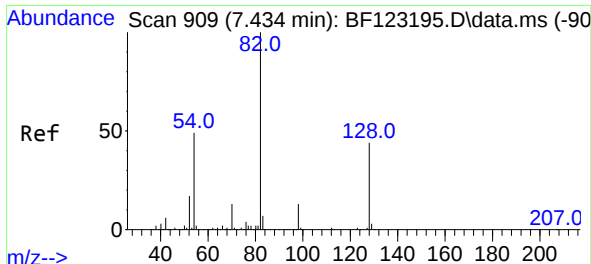
Tgt Ion: 99 Resp: 134454
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.6
71 37.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion: 136 Resp: 552670
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.5 5.5 8.3
68 5.0 4.6 6.8

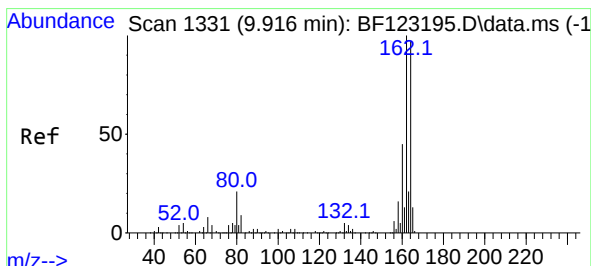
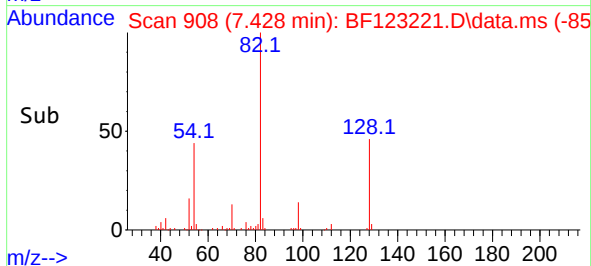
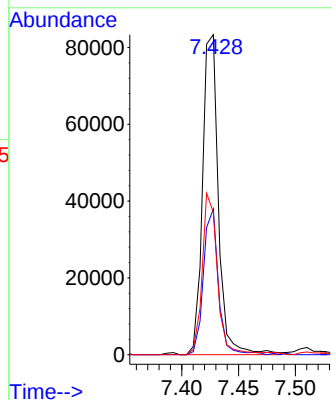
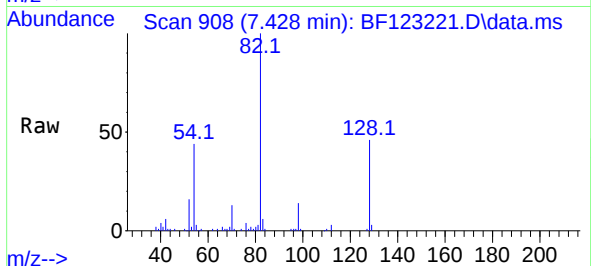




#23
Nitrobenzene-d5
Concen: 7.72 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

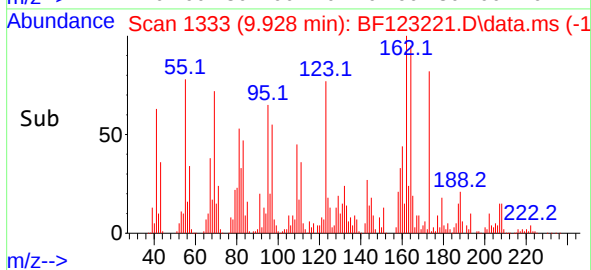
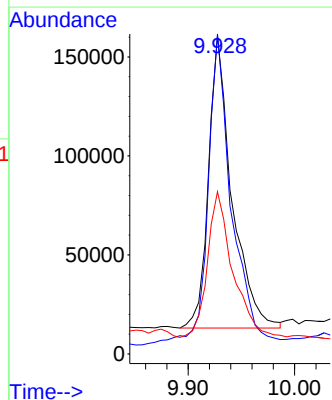
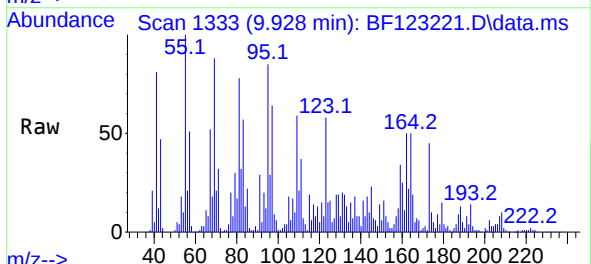
Instrument :
BNA_F
ClientSampleId :
T359-171187

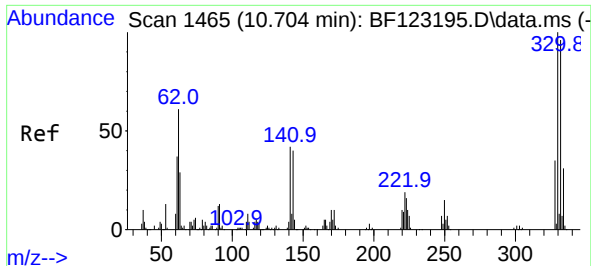
Tgt Ion: 82 Resp: 81170
Ion Ratio Lower Upper
82 100
128 45.6 37.0 55.4
54 44.5 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion:164 Resp: 226920
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 51.0 35.4 53.0

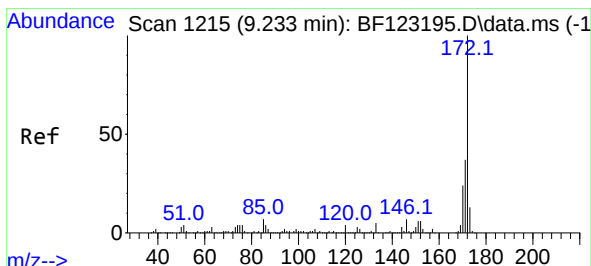
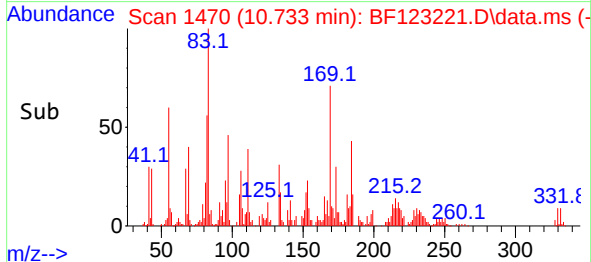
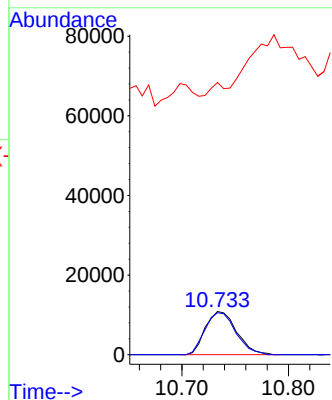
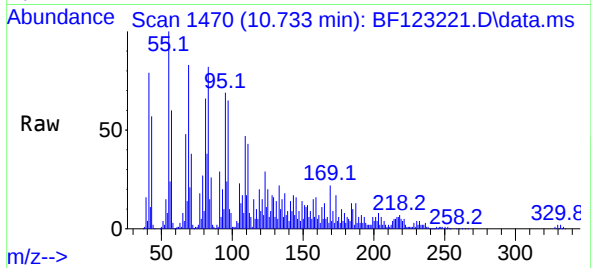




#42
2,4,6-Tribromophenol
Concen: 9.03 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.029 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

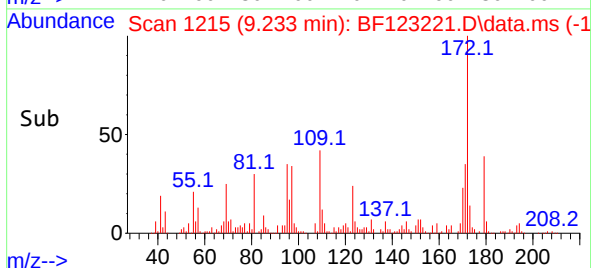
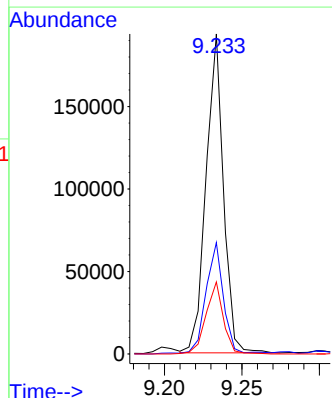
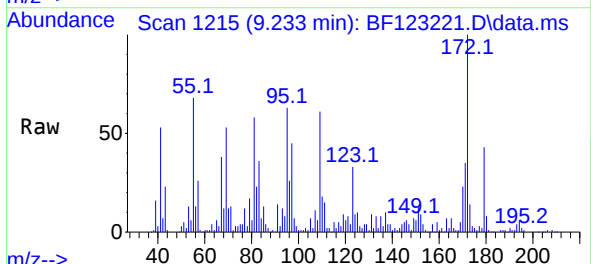
Instrument :
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ClientSampleId :
T359-171187

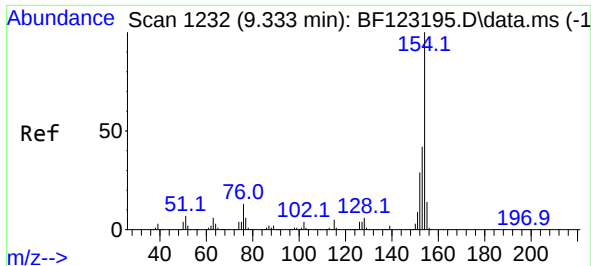
Tgt Ion: 330 Resp: 22126
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 10.8 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 9.94 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion: 172 Resp: 150913
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 22.5 19.5 29.3

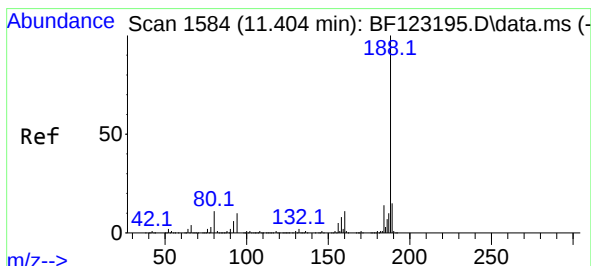
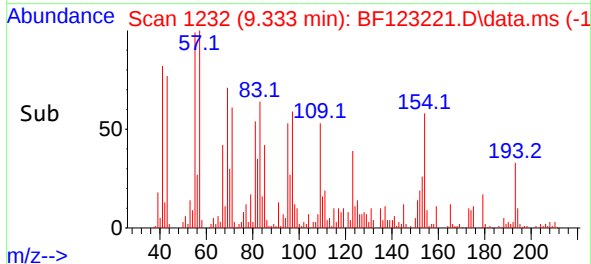
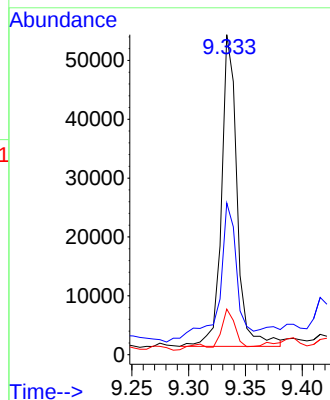
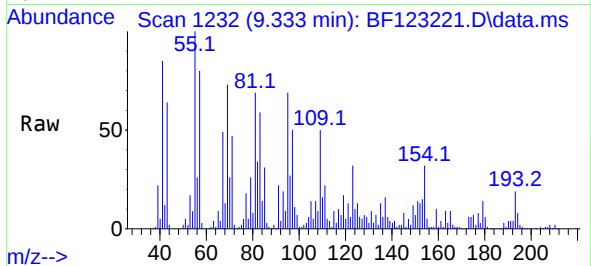




#46
1,1'-Biphenyl
Concen: 2.77 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

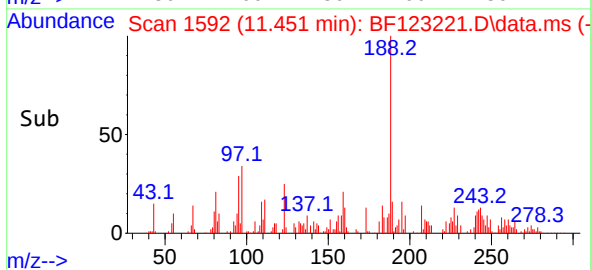
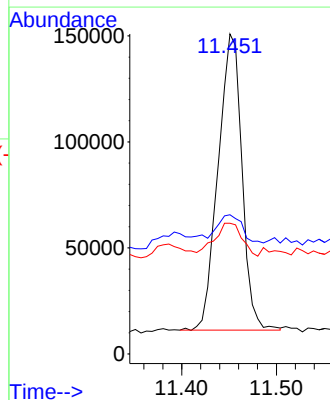
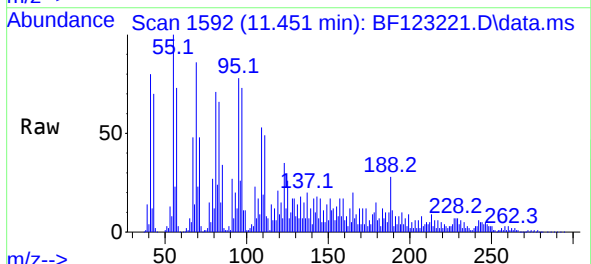
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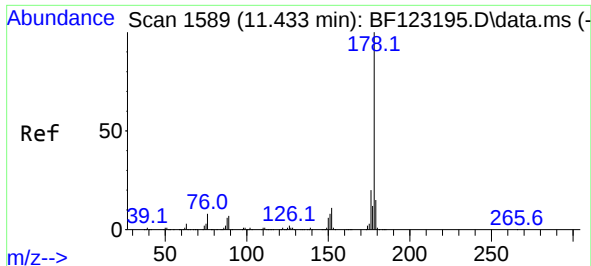
Tgt Ion:154 Resp: 50707
Ion Ratio Lower Upper
154 100
153 47.4 21.8 61.8
76 14.2 0.0 33.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.047 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion:188 Resp: 243890
Ion Ratio Lower Upper
188 100
94 43.5 7.4 11.2#
80 40.9 8.2 12.4#

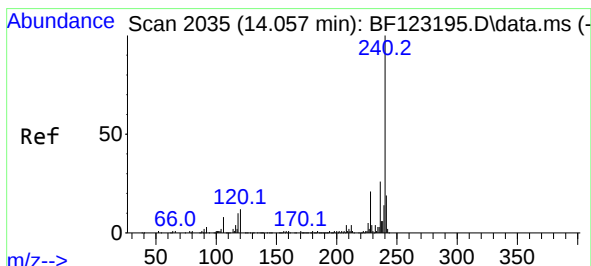
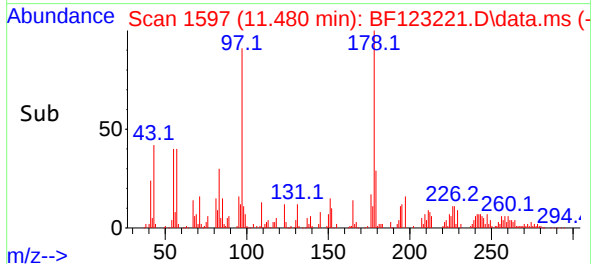
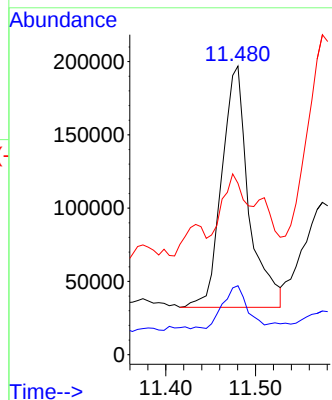
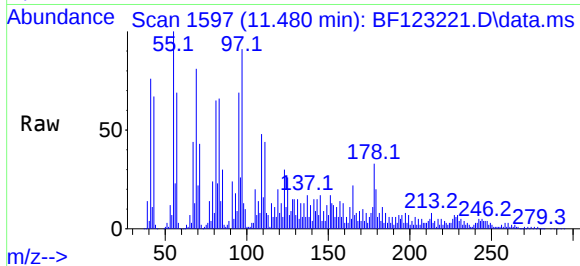




#71
Phenanthrene
Concen: 24.04 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.047 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

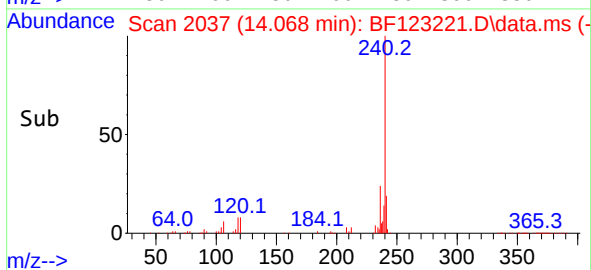
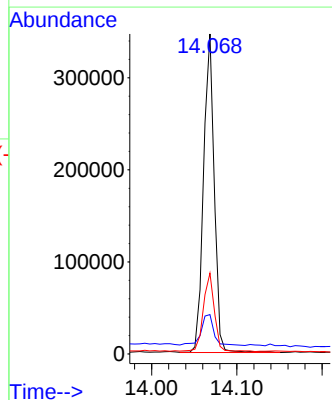
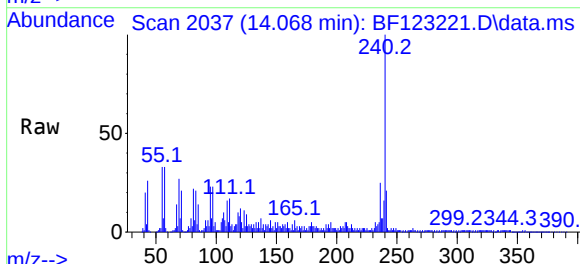
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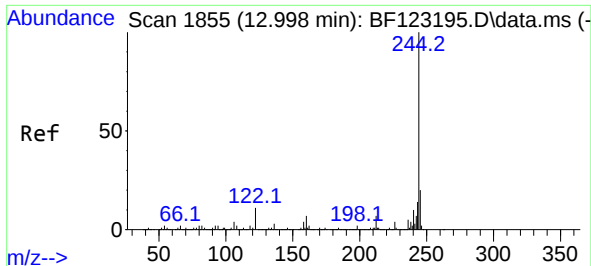
Tgt Ion:178 Resp: 345498
Ion Ratio Lower Upper
178 100
176 23.9 16.2 24.2
179 59.4 12.7 19.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.011 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion:240 Resp: 302179
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.2 20.3 30.5

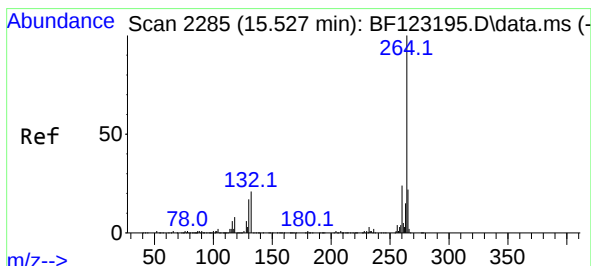
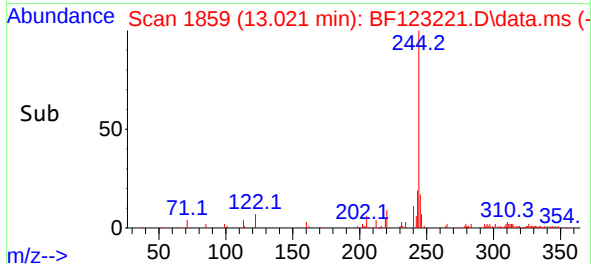
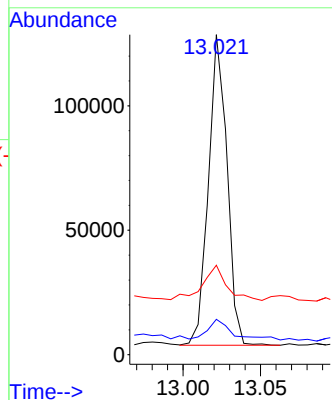
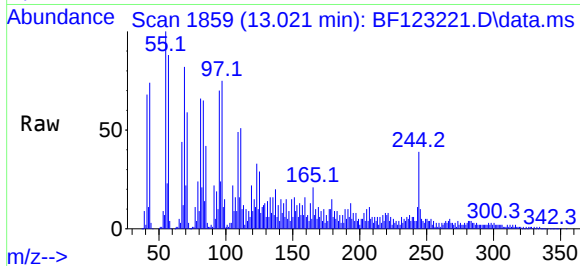




#79
Terphenyl-d14
Concen: 6.89 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.024 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T359-171187

Tgt Ion:244 Resp: 103952
Ion Ratio Lower Upper
244 100
212 11.1 5.7 8.5#
122 27.9 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.012 min
Lab File: BF123221.D
Acq: 17 Feb 2021 19:55

Tgt Ion:264 Resp: 330893
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 20.9 17.0 25.6

