

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123328.D
 Acq On : 1 Mar 2021 16:02
 Operator : JU/CG
 Sample : M1531-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HO-1

Quant Time: Mar 01 16:58:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

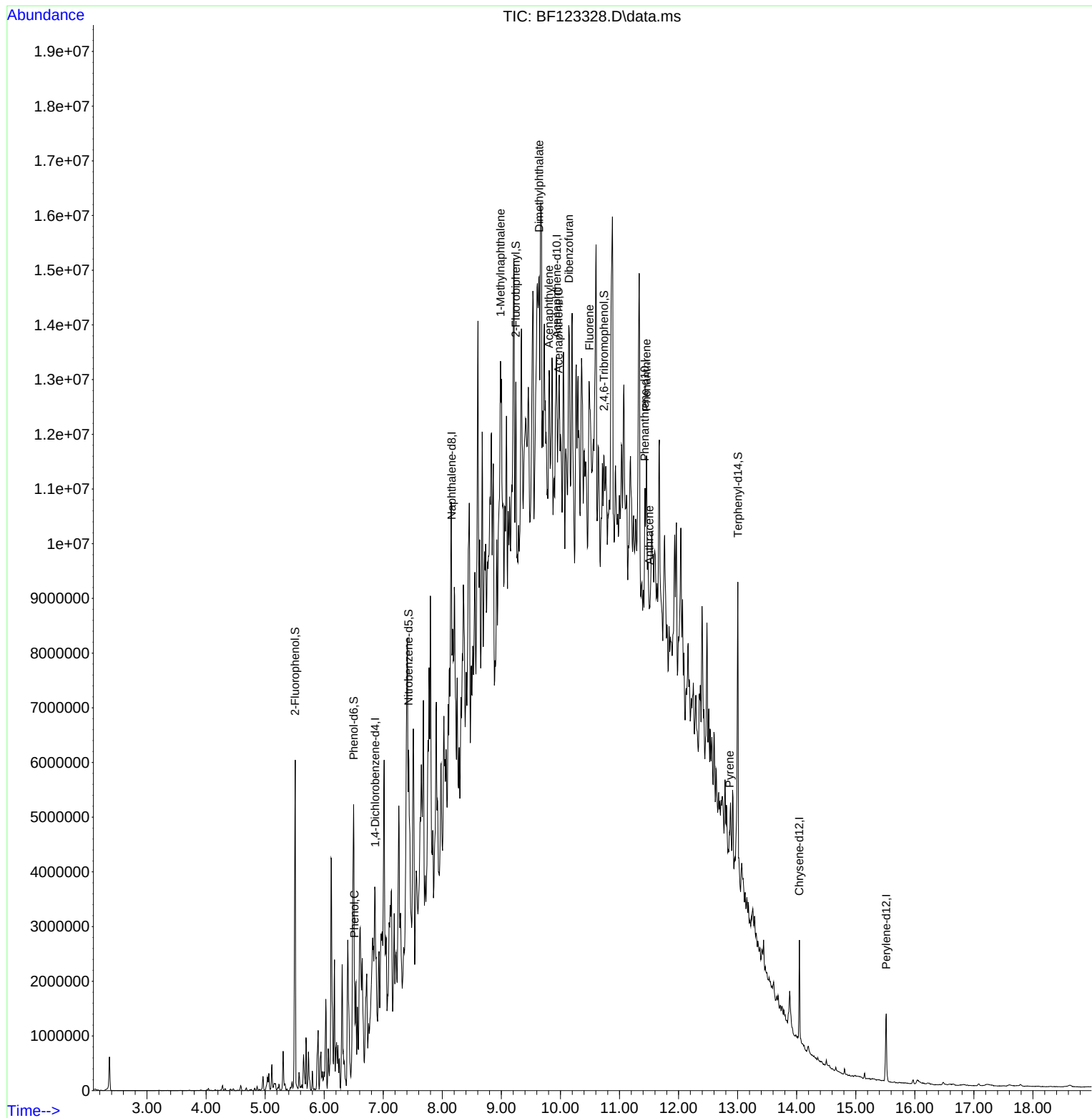
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	219273	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	782838	20.00	ng	# 0.01
39) Acenaphthene-d10	9.939	164	311099	20.00	ng	0.04
64) Phenanthrene-d10	11.427	188	652294	20.00	ng	# 0.04
76) Chrysene-d12	14.045	240	592398	20.00	ng	0.00
86) Perylene-d12	15.515	264	560706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1780942	116.91	ng	0.04
7) Phenol-d6	6.498	99	2327128	112.44	ng	0.00
23) Nitrobenzene-d5	7.428	82	1544838	90.33	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	517060	163.23	ng	0.04
45) 2-Fluorobiphenyl	9.245	172	1872305	86.45	ng	0.02
79) Terphenyl-d14	13.004	244	2125126	68.98	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	6.510	94	62129	2.75	ng	89
38) 1-Methylnaphthalene	8.986	142	1695645	63.44	ng	99
49) Acenaphthylene	9.804	152	115135	3.73	ng	# 1
50) Dimethylphthalate	9.639	163	66395	2.85	ng	# 30
52) Acenaphthene	9.969	154	158557	7.45	ng	# 63
55) Dibenzofuran	10.145	168	228574	7.93	ng	# 1
58) Fluorene	10.492	166	547487	24.13	ng	# 81
71) Phenanthrene	11.457	178	1505413	39.03	ng	# 95
72) Anthracene	11.504	178	121667	3.16	ng	# 43
78) Pyrene	12.863	202	222566	4.81	ng	# 92

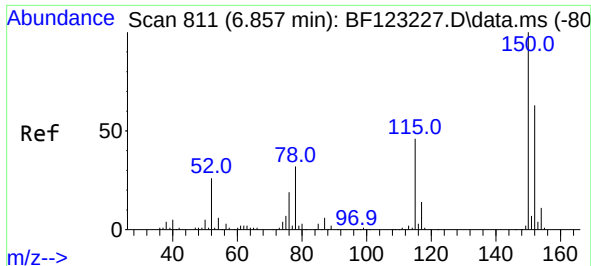
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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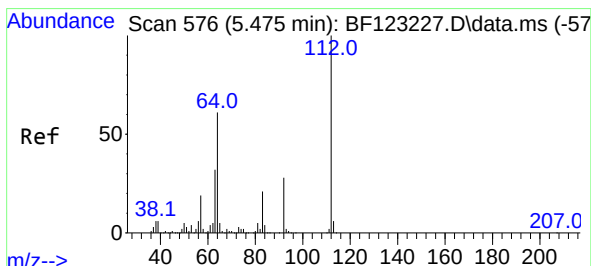
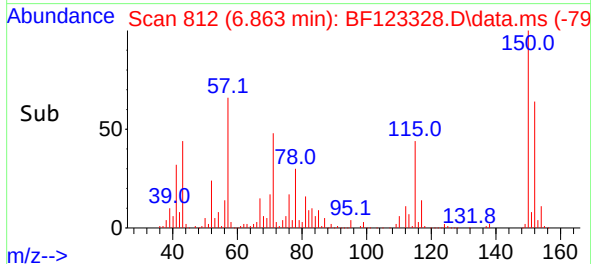
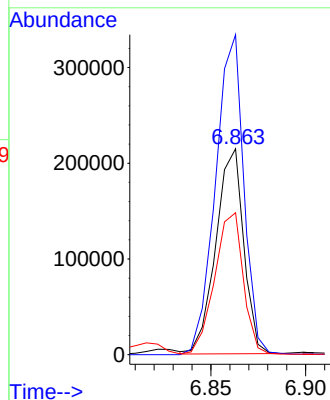
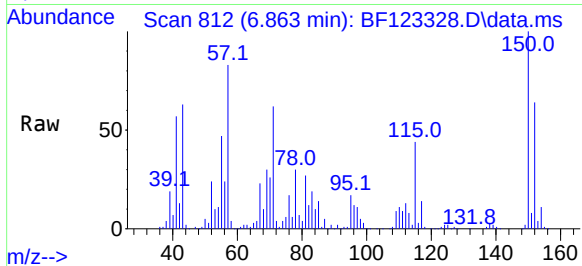




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.006 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

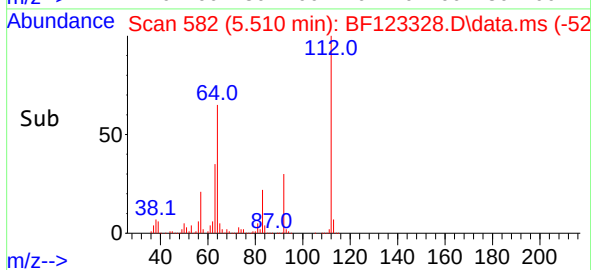
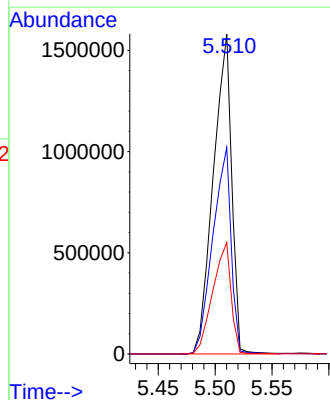
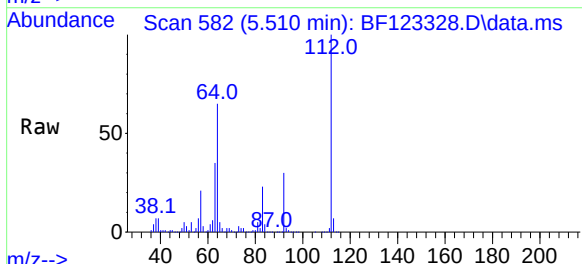
Instrument :
BNA_F
ClientSampleId :
HO-1

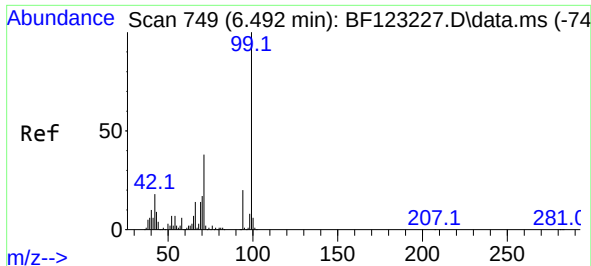
Tgt Ion:152 Resp: 219273
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 68.9 49.3 73.9



#5
2-Fluorophenol
Concen: 116.91 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:112 Resp: 1780942
Ion Ratio Lower Upper
112 100
64 64.6 46.9 70.3
63 34.8 24.5 36.7

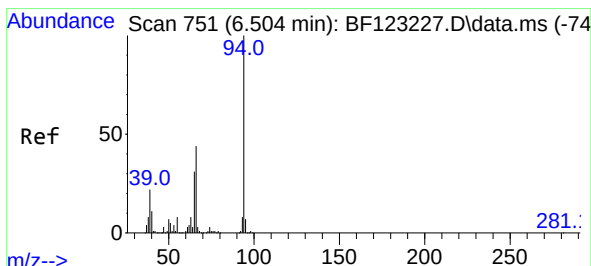
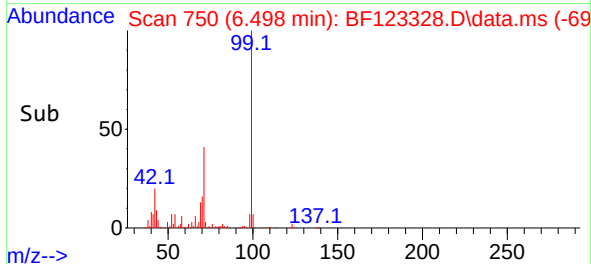
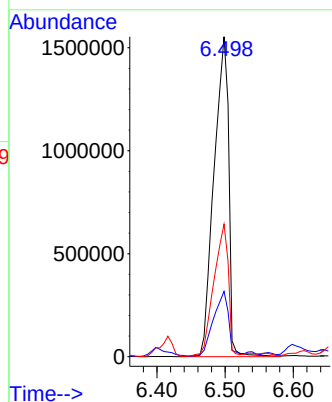
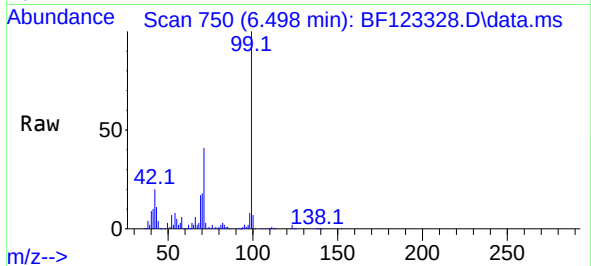




#7
Phenol-d6
Concen: 112.44 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

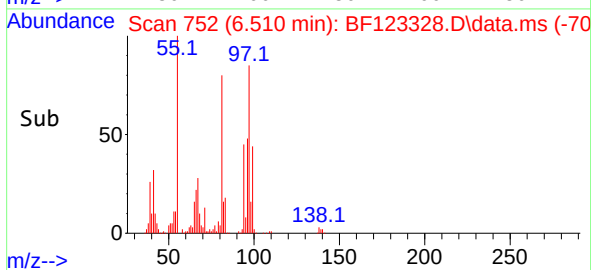
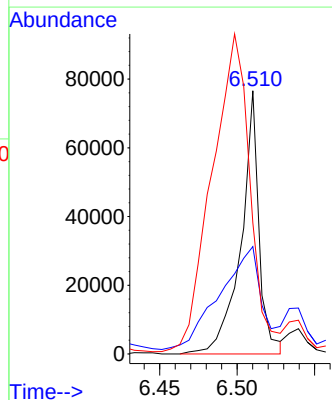
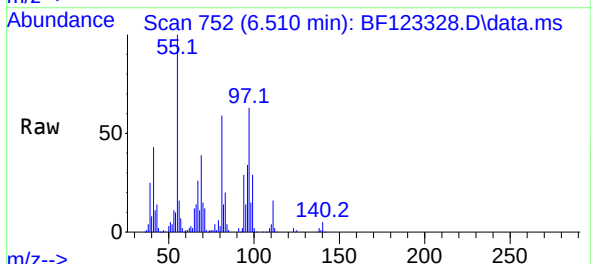
Instrument :
BNA_F
ClientSampleId :
HO-1

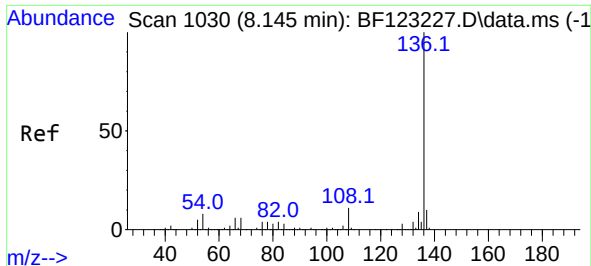
Tgt Ion: 99 Resp: 2327128
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 41.4 26.9 40.3#



#10
Phenol
Concen: 2.75 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

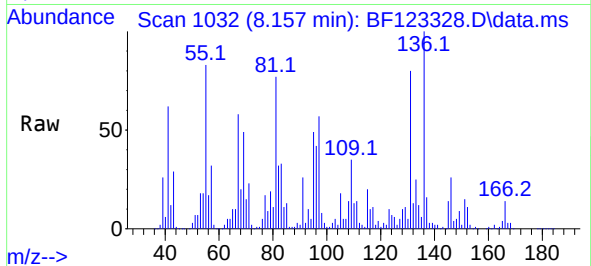
Tgt Ion: 94 Resp: 62129
Ion Ratio Lower Upper
94 100
65 40.8 11.2 51.2
66 49.8 25.8 65.8



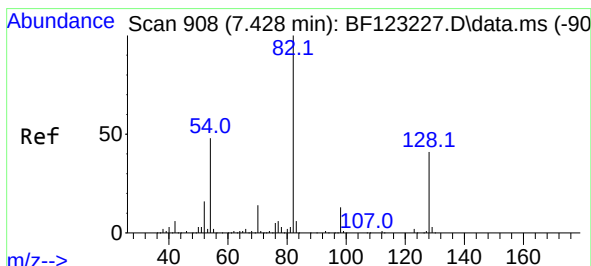
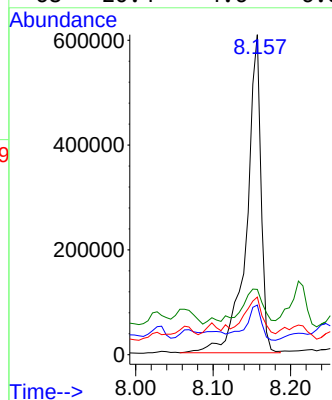
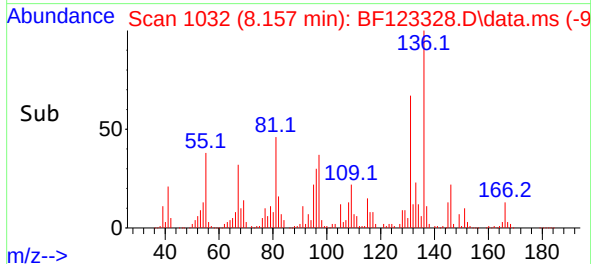


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.012 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

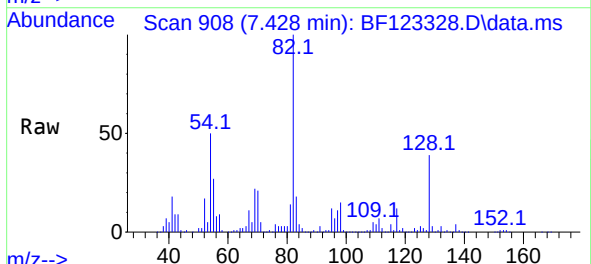
Instrument :
BNA_F
ClientSampled :
HO-1



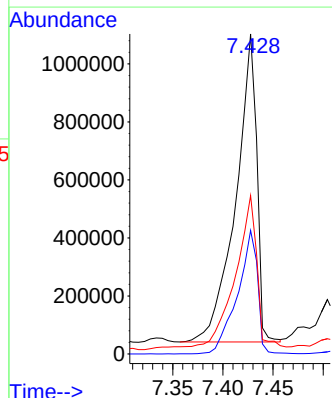
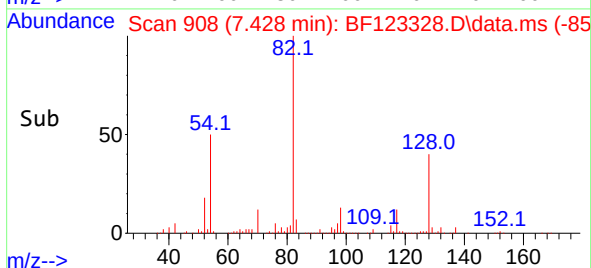
Tgt Ion:136 Resp: 782838
Ion Ratio Lower Upper
136 100
137 15.5 8.8 13.2#
54 18.0 5.5 8.3#
68 20.4 4.6 6.8#

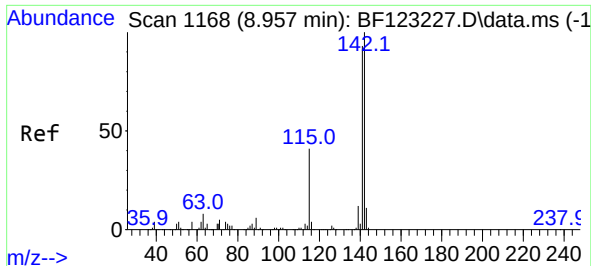


#23
Nitrobenzene-d5
Concen: 90.33 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02



Tgt Ion: 82 Resp: 1544838
Ion Ratio Lower Upper
82 100
128 38.6 37.0 55.4
54 49.5 38.4 57.6

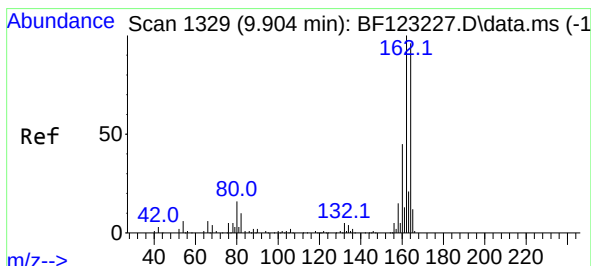
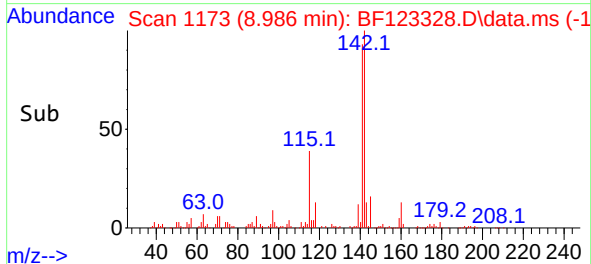
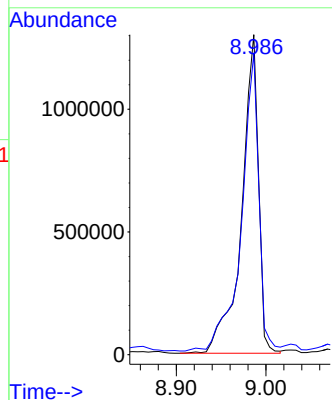
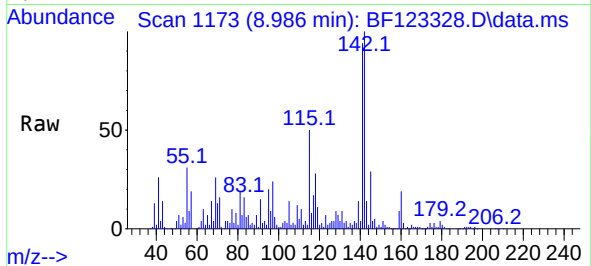




#38
1-Methylnaphthalene
Concen: 63.44 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.029 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

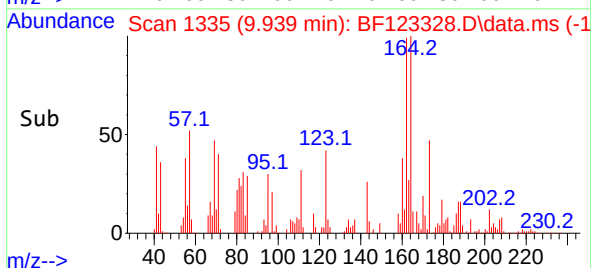
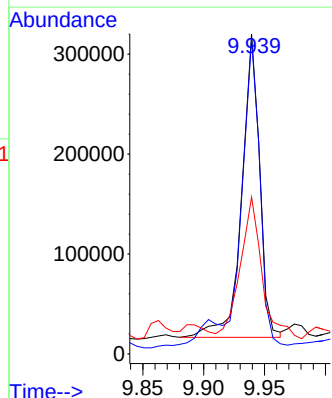
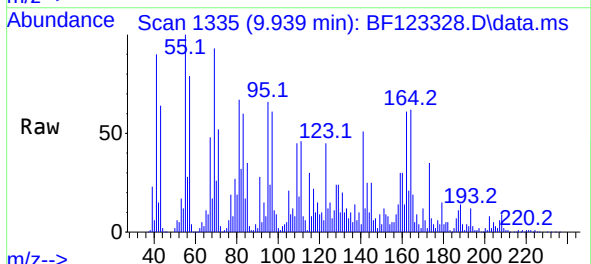
Instrument :
BNA_F
ClientSampled :
HO-1

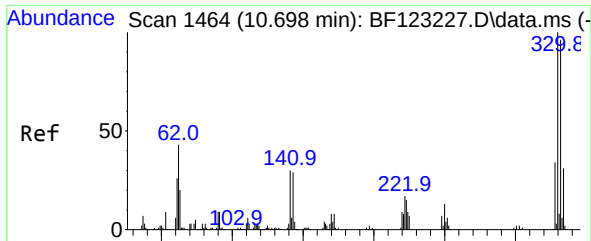
Tgt Ion:142 Resp: 1695645
Ion Ratio Lower Upper
142 100
141 94.1 74.5 111.7



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

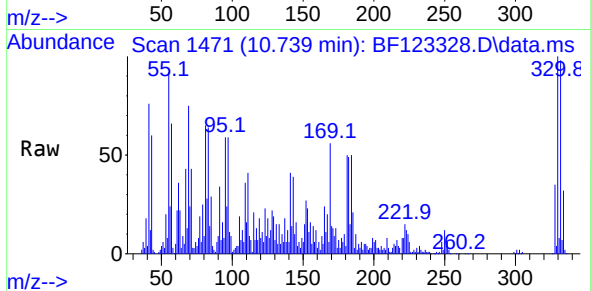
Tgt Ion:164 Resp: 311099
Ion Ratio Lower Upper
164 100
162 98.6 80.8 121.2
160 49.1 35.4 53.0



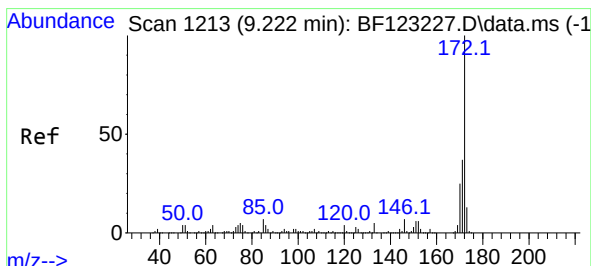
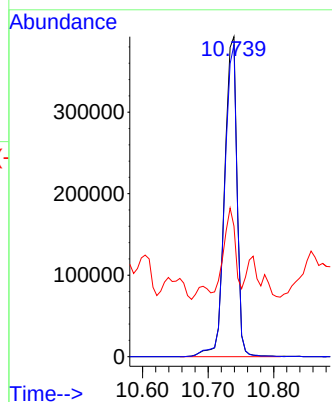
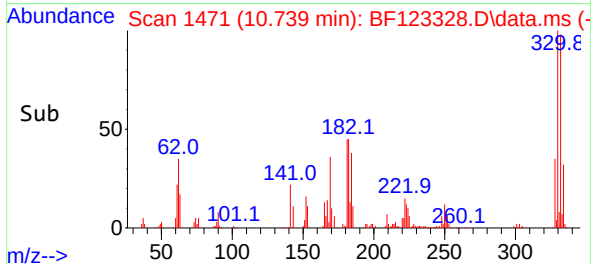


#42
2,4,6-Tribromophenol
Concen: 163.23 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.041 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

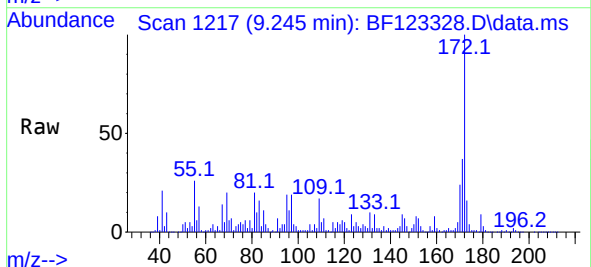
Instrument :
BNA_F
ClientSampleId :
HO-1



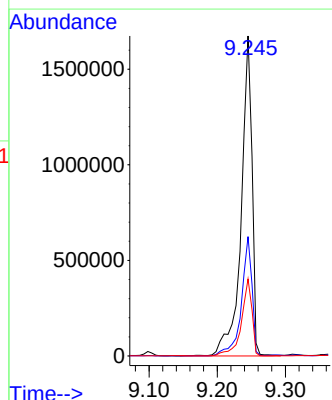
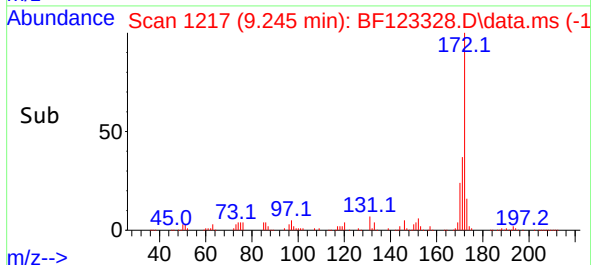
Tgt Ion:330 Resp: 517060
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 23.3 23.8 35.8#

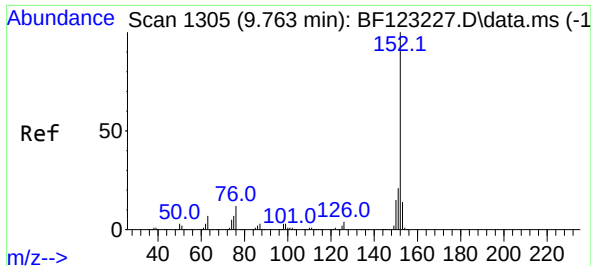


#45
2-Fluorobiphenyl
Concen: 86.45 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.024 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02



Tgt Ion:172 Resp: 1872305
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.1 19.5 29.3





#49

Acenaphthylene

Concen: 3.73 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.041 min

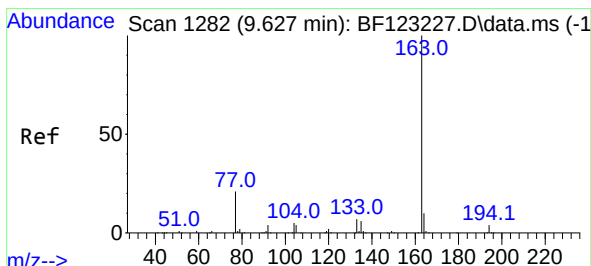
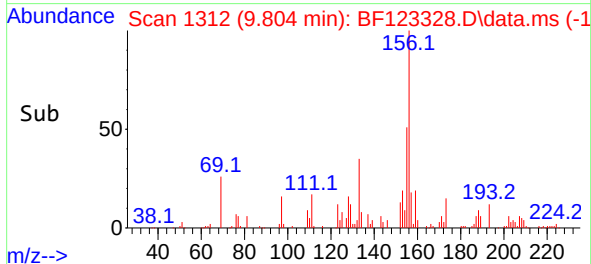
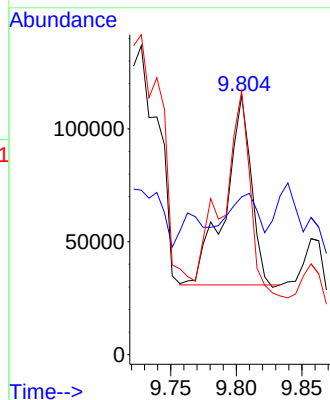
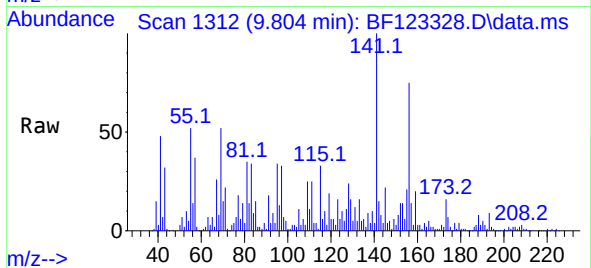
Lab File: BF123328.D

Acq: 1 Mar 2021 16:02

Tgt Ion:152 Resp: 115135

Ion	Ratio	Lower	Upper
152	100		
151	61.0	16.6	25.0#
153	101.8	10.9	16.3#

Instrument :
BNA_F
ClientSampled :
HO-1



#50

Dimethylphthalate

Concen: 2.85 ng

RT: 9.639 min Scan# 1284

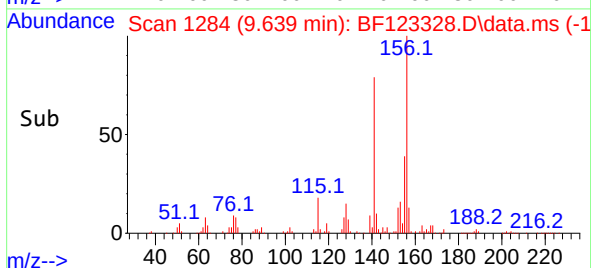
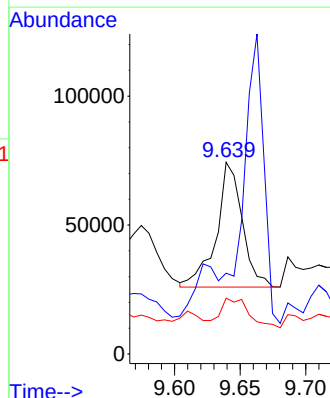
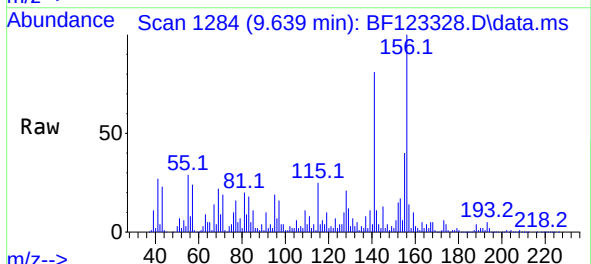
Delta R.T. 0.012 min

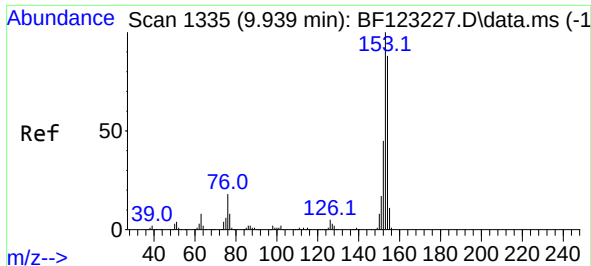
Lab File: BF123328.D

Acq: 1 Mar 2021 16:02

Tgt Ion:163 Resp: 66395

Ion	Ratio	Lower	Upper
163	100		
194	42.2	3.4	5.0#
164	29.2	8.1	12.1#

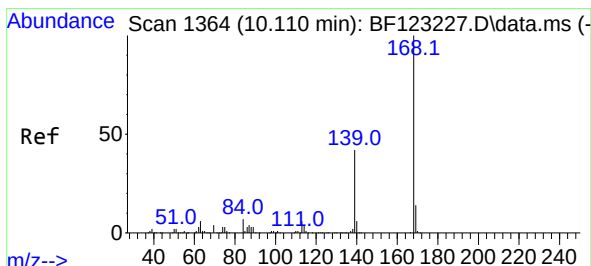
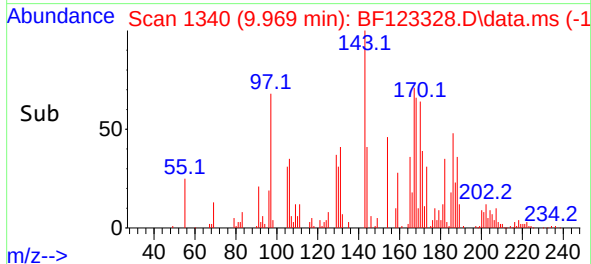
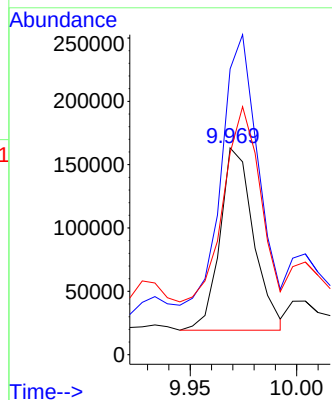
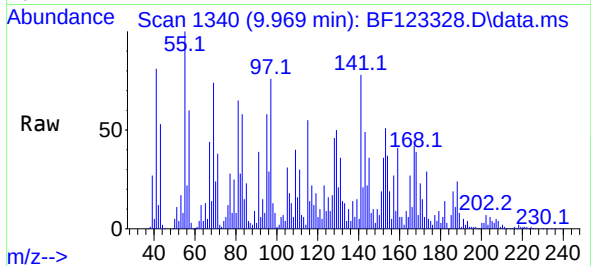




#52
Acenaphthene
Concen: 7.45 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.029 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

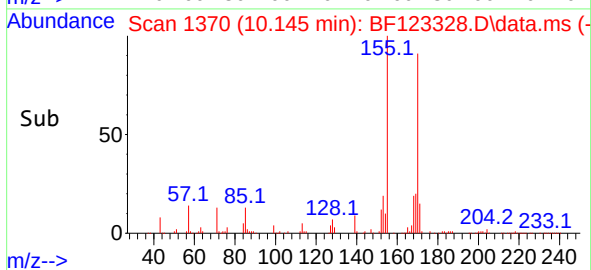
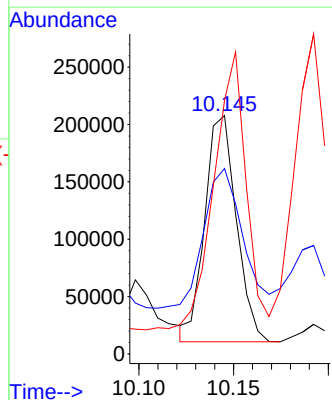
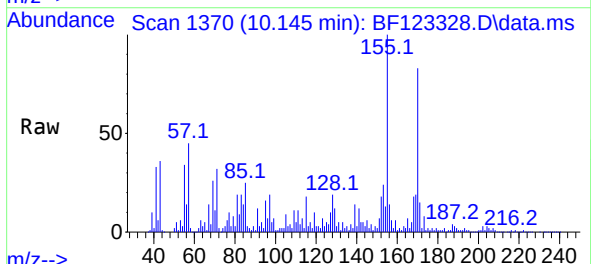
Instrument :
BNA_F
ClientSampled :
HO-1

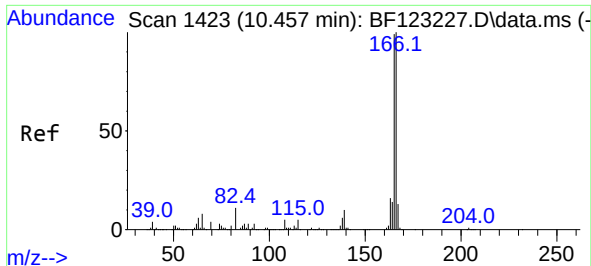
Tgt Ion:154 Resp: 158557
Ion Ratio Lower Upper
154 100
153 138.3 89.0 133.6#
152 97.6 42.7 64.1#



#55
Dibenzofuran
Concen: 7.93 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:168 Resp: 228574
Ion Ratio Lower Upper
168 100
139 77.8 31.3 46.9#
169 106.3 11.2 16.8#

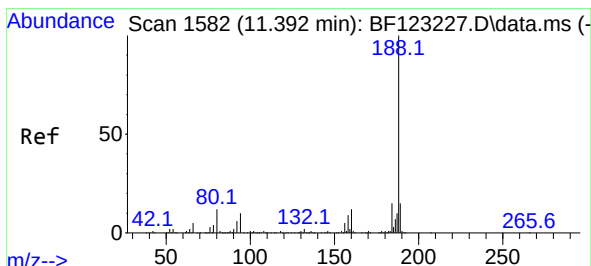
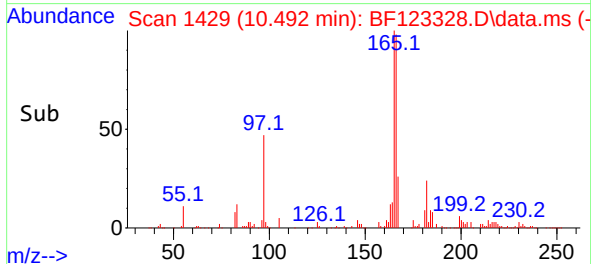
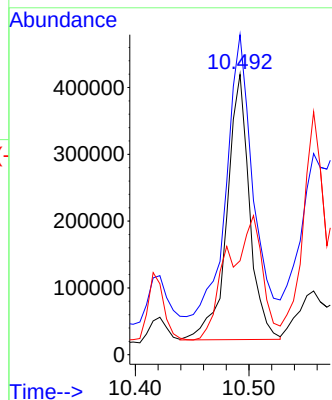
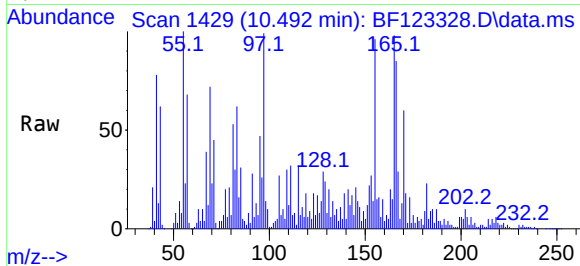




#58
Fluorene
Concen: 24.13 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

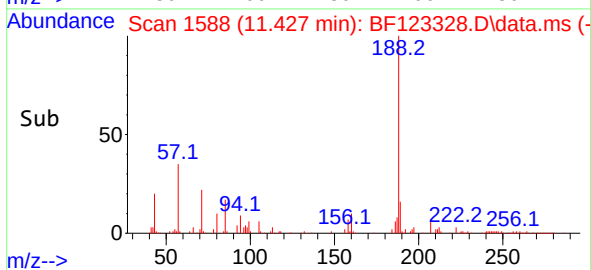
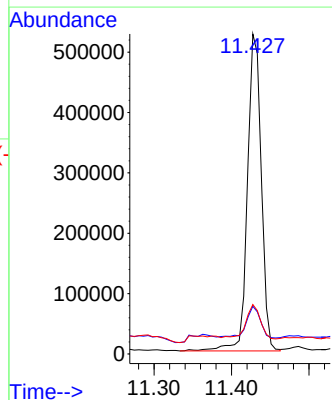
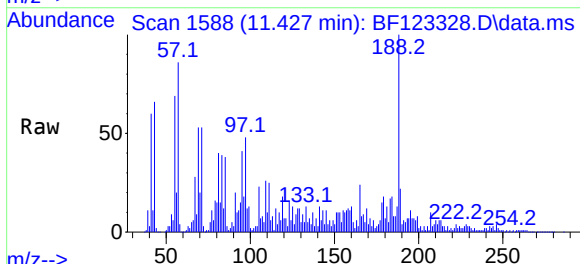
Instrument :
BNA_F
ClientSampled :
HO-1

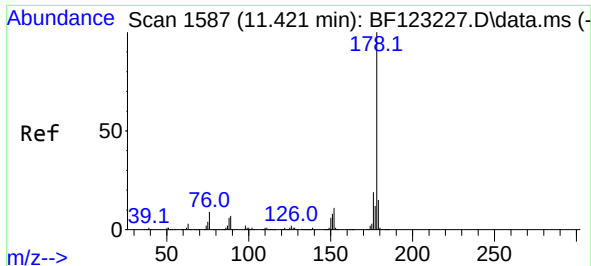
Tgt Ion:166 Resp: 547487
Ion Ratio Lower Upper
166 100
165 114.2 79.4 119.0
167 33.5 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:188 Resp: 652294
Ion Ratio Lower Upper
188 100
94 14.9 7.4 11.2#
80 15.4 8.2 12.4#

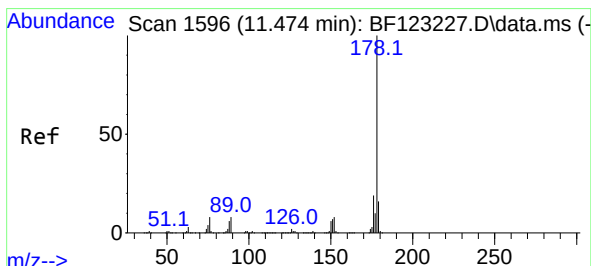
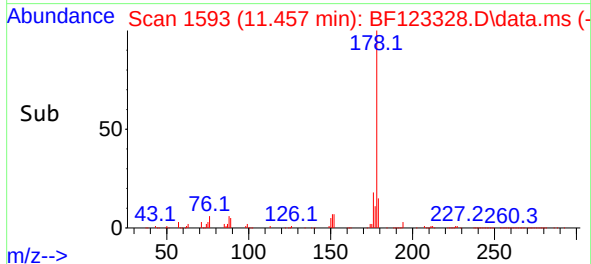
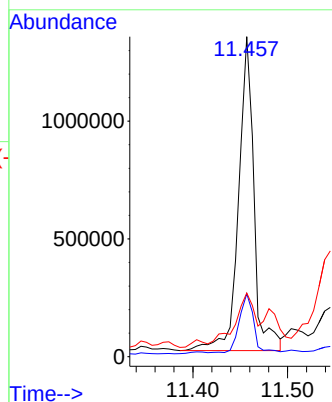
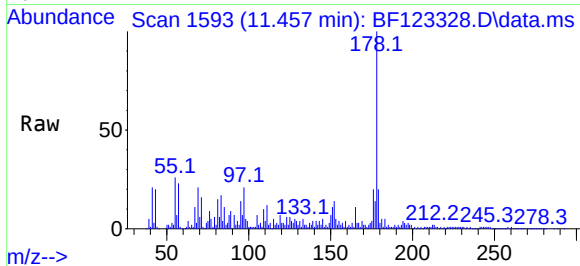




#71
Phenanthrene
Concen: 39.03 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.035 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

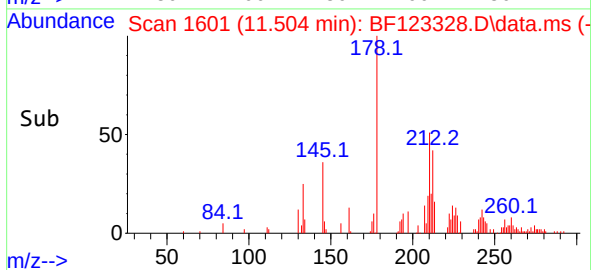
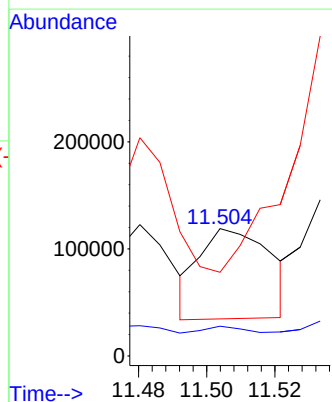
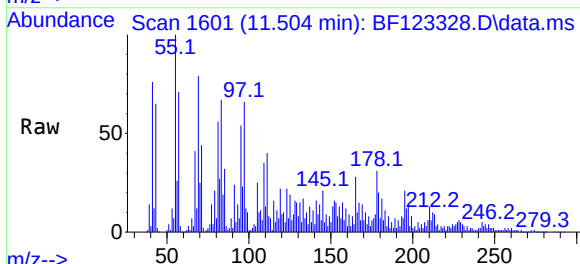
Instrument :
BNA_F
ClientSampled :
HO-1

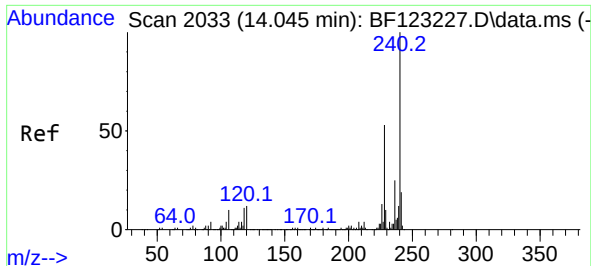
Tgt Ion:178 Resp: 1505413
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 19.9 12.7 19.1#



#72
Anthracene
Concen: 3.16 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.029 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:178 Resp: 121667
Ion Ratio Lower Upper
178 100
176 23.3 15.6 23.4
179 65.7 12.8 19.2#

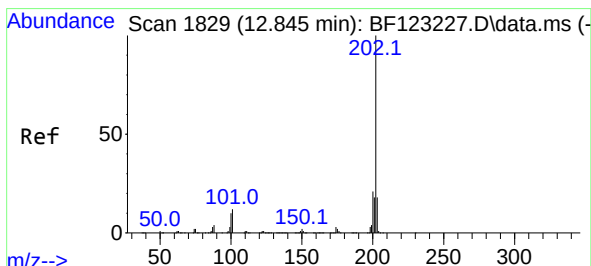
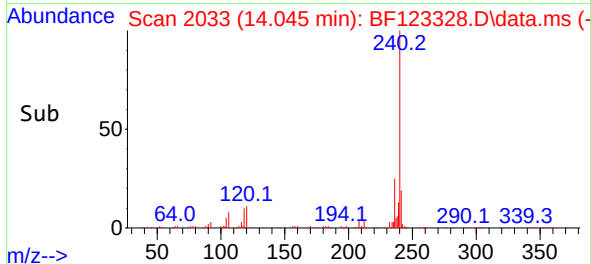
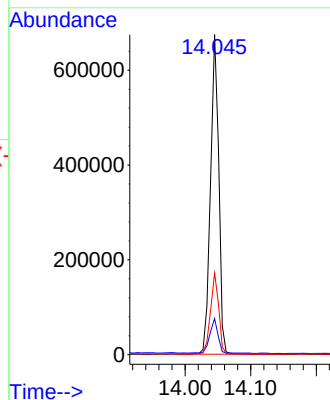
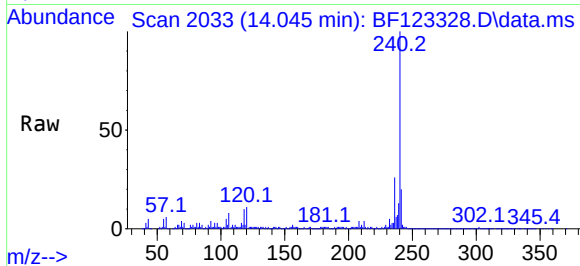




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

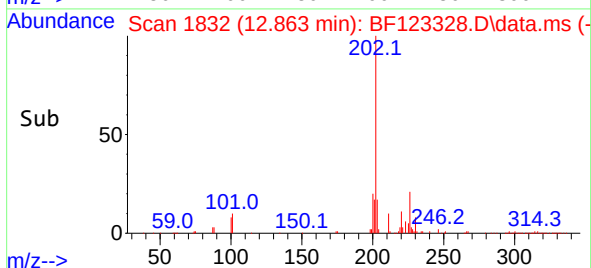
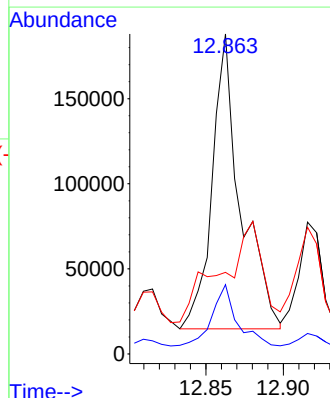
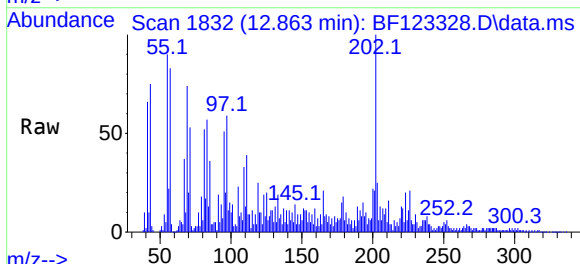
Instrument :
BNA_F
ClientSampled :
HO-1

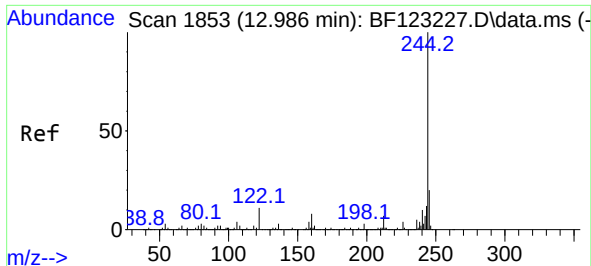
Tgt Ion:	240	Resp:	592398
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.6	12.8
236	25.5	20.3	30.5



#78
Pyrene
Concen: 4.81 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.018 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:	202	Resp:	222566
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	25.5	14.6	21.8

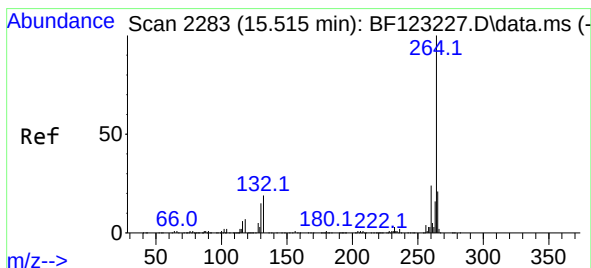
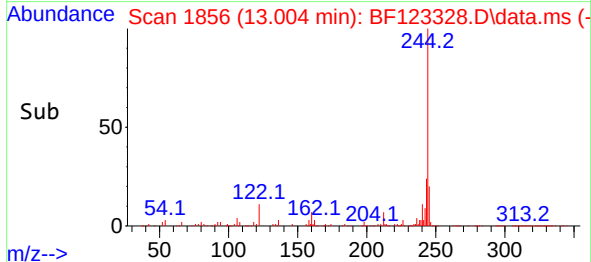
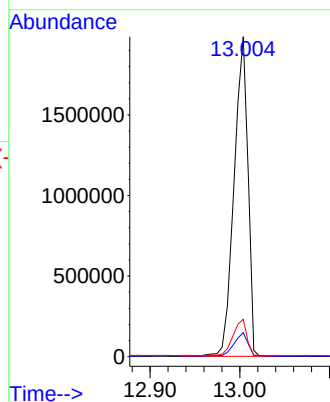
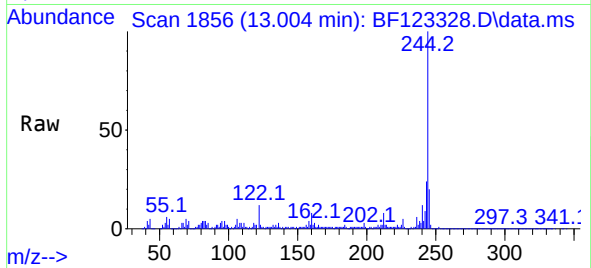




#79
Terphenyl-d14
Concen: 68.98 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.018 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Instrument :
BNA_F
ClientSampled :
HO-1

Tgt Ion:244 Resp: 2125126
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123328.D
Acq: 1 Mar 2021 16:02

Tgt Ion:264 Resp: 560706
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.7 17.0 25.6

