

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124329.D
 Acq On : 15 Jun 2021 18:38
 Operator : JU/CG
 Sample : M2658-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-FLOOR-2

Quant Time: Jun 15 19:04:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 18:30:57 2021
 Response via : Initial Calibration

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

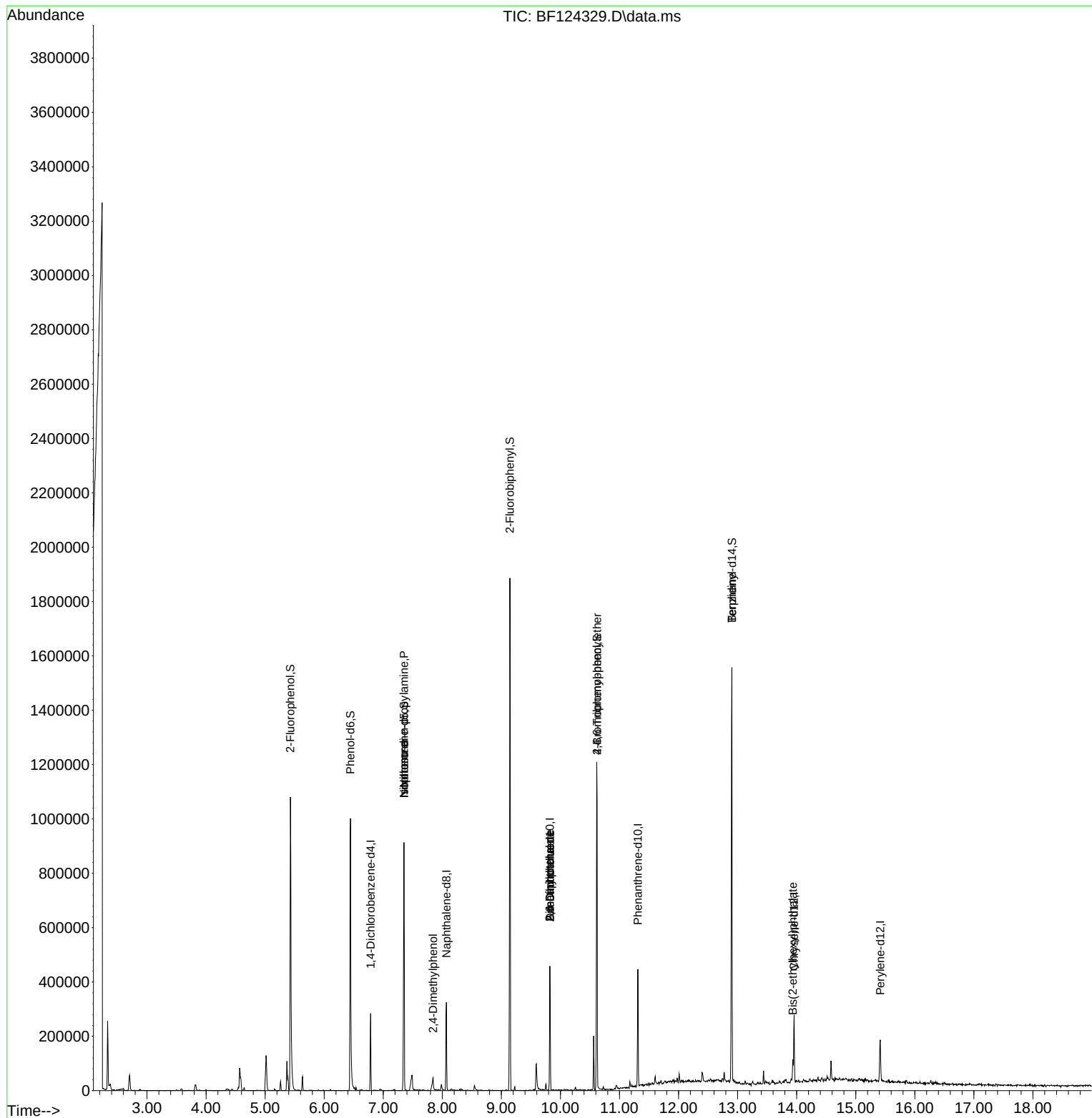
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	34534	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	124404	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	75132	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	130999	20.000	ng	0.00
76) Chrysene-d12	13.957	240	75657	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	62551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	273247	119.109	ng	0.01
7) Phenol-d6	6.445	99	308890	100.171	ng	0.00
23) Nitrobenzene-d5	7.351	82	279253	89.029	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	127750	120.016	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	527531	88.355	ng	0.00
79) Terphenyl-d14	12.904	244	458035	83.120	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	40185	18.461	ng	# 69
25) Isophorone	7.351	82	279249	49.404	ng	# 69
27) 2,4-Dimethylphenol	7.845	122	13261	6.690	ng	# 1
50) Dimethylphthalate	9.822	163	14404	2.317	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10281	7.213	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	10281	5.470	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	10204	5.675	ng	# 1
77) Benzidine	12.904	184	8178	8.306	ng	# 83
84) Bis(2-ethylhexyl)phtha...	13.933	149	20183	5.757	ng	# 92

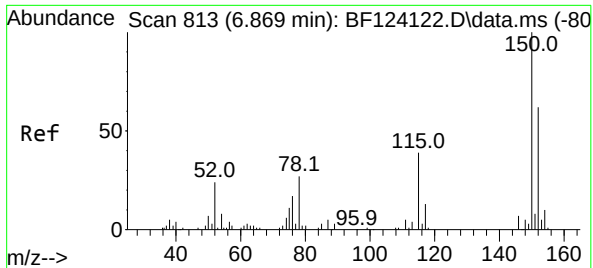
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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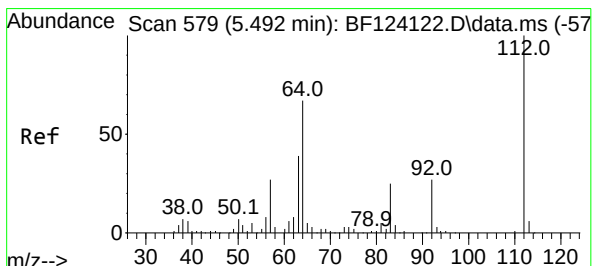
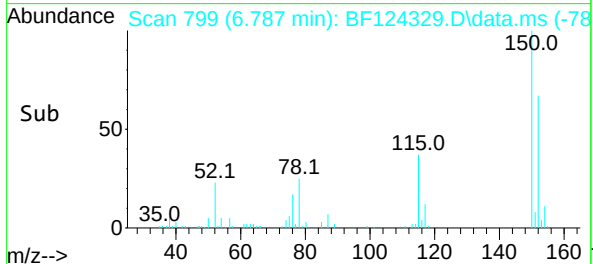
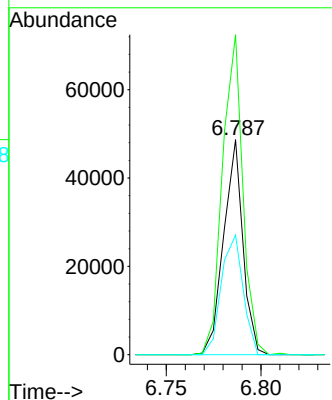
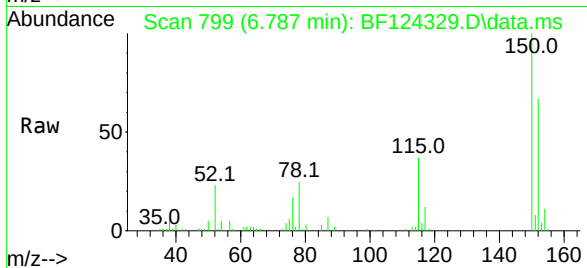




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

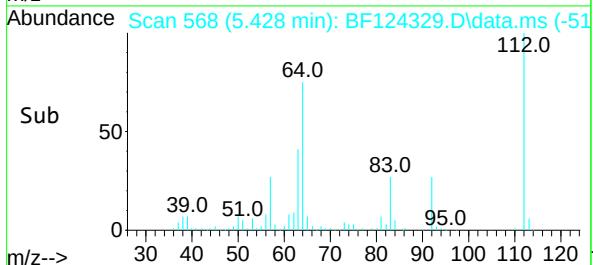
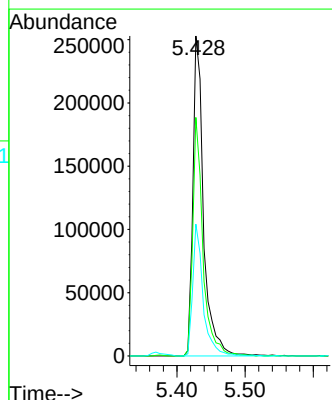
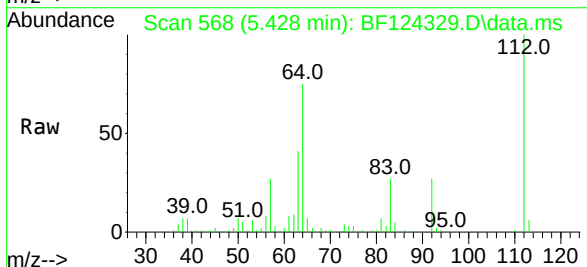
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

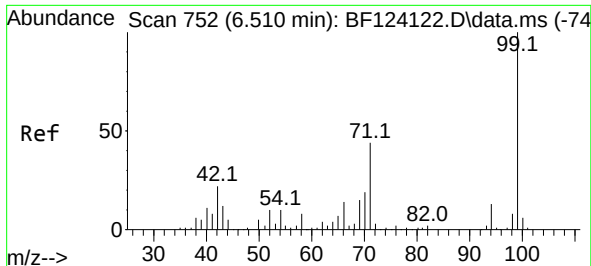
Tgt Ion:152 Resp: 34534
Ion Ratio Lower Upper
152 100
150 148.8 127.0 190.6
115 55.6 54.3 81.5



#5
2-Fluorophenol
Concen: 119.109 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:112 Resp: 273247
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 41.2 33.0 49.4

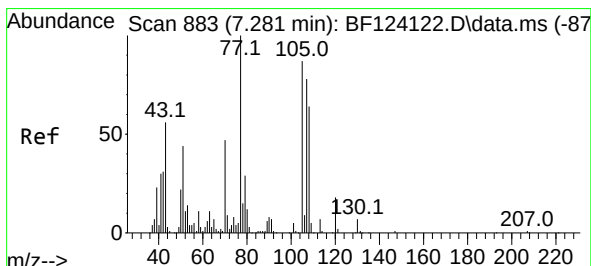
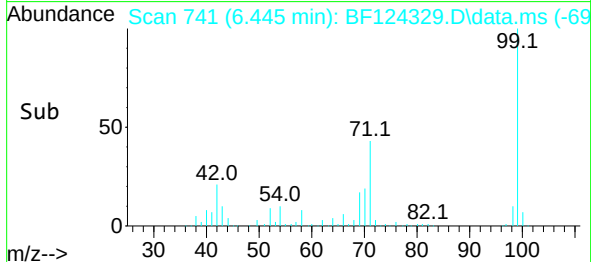
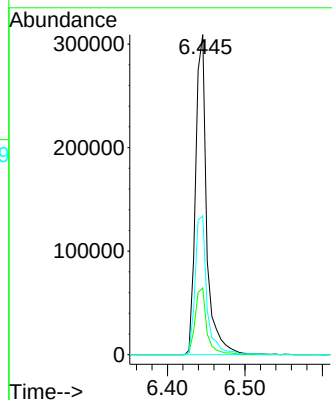
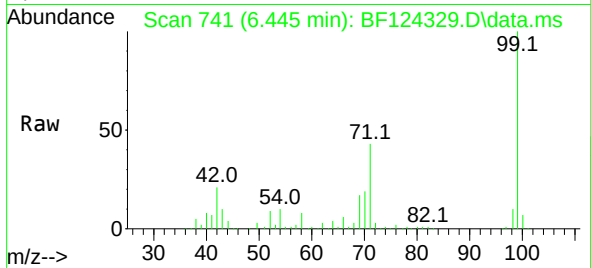




#7
Phenol-d6
Concen: 100.171 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

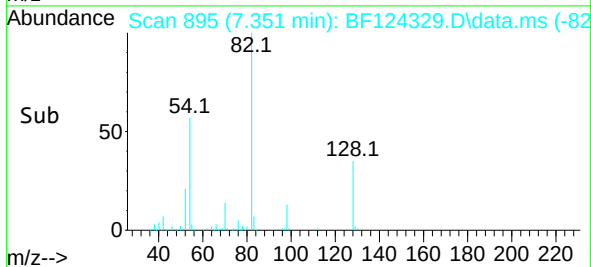
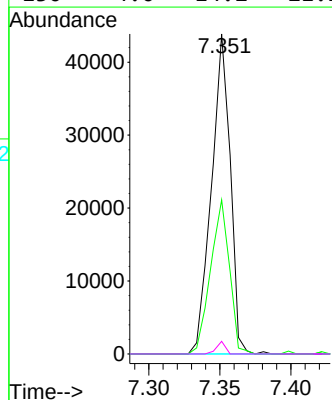
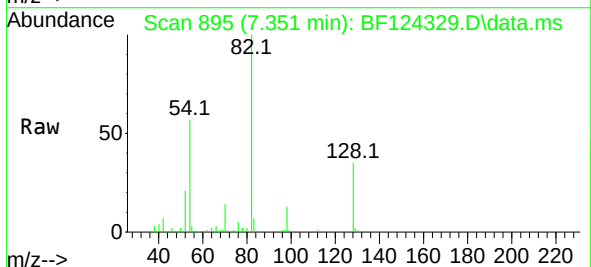
Instrument :
BNA_F
ClientSampled :
G-FLOOR-2

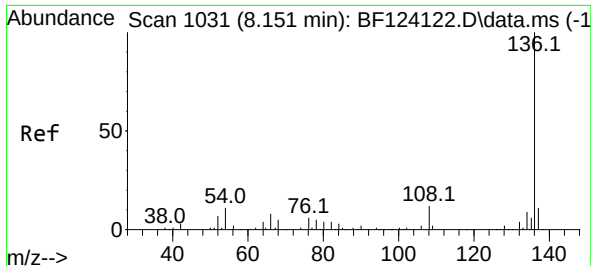
Tgt Ion: 99 Resp: 308890
Ion Ratio Lower Upper
99 100
42 20.8 19.8 29.8
71 43.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.461 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

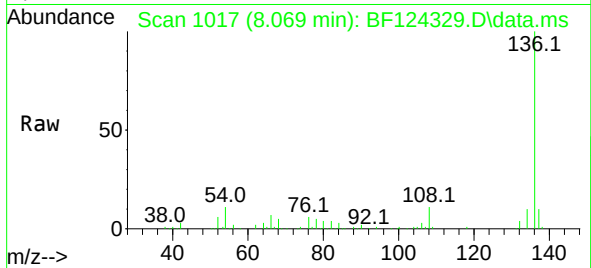
Tgt Ion: 70 Resp: 40185
Ion Ratio Lower Upper
70 100
42 48.2 60.1 90.1#
101 0.0 7.4 11.2#
130 4.0 14.2 21.2#



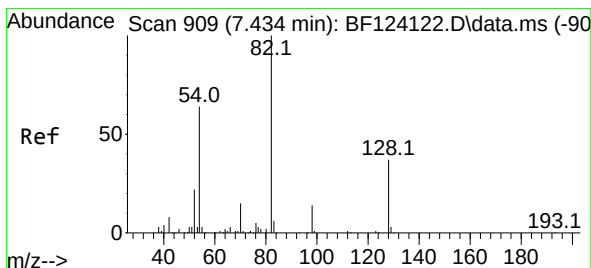
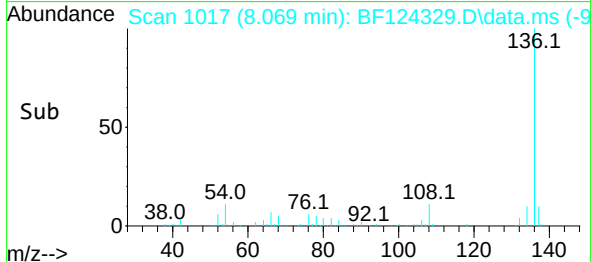
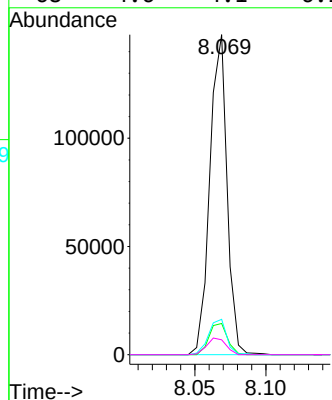


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

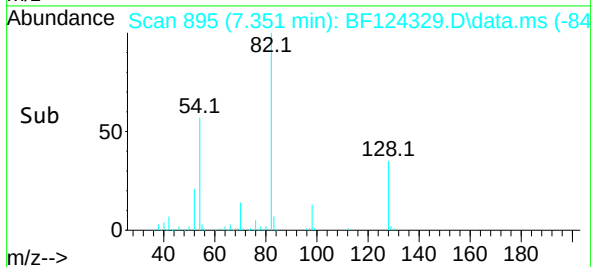
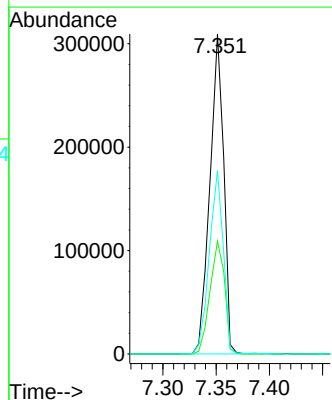
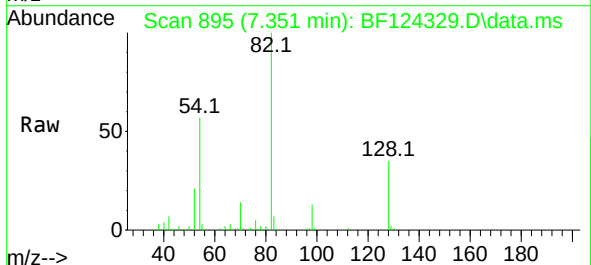


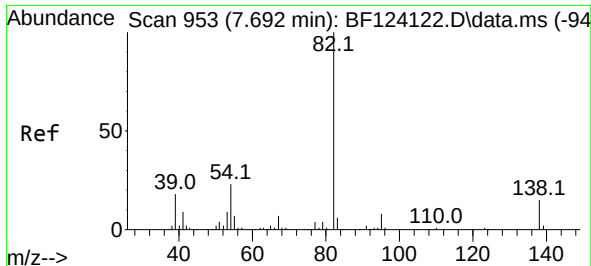
Tgt Ion:136	Resp: 124404
Ion Ratio	Lower Upper
136	100
137	9.8 8.7 13.1
54	11.1 9.8 14.6
68	4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion: 82	Resp: 279253
Ion Ratio	Lower Upper
82	100
128	35.2 29.4 44.2
54	57.3 54.1 81.1

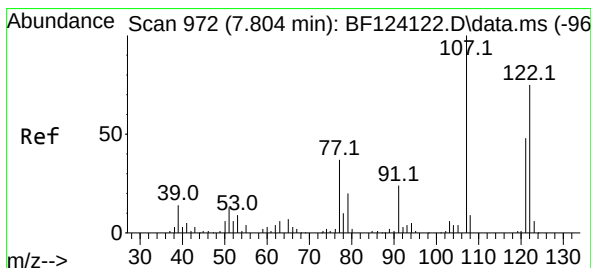
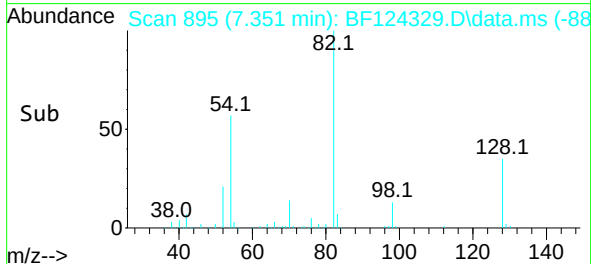
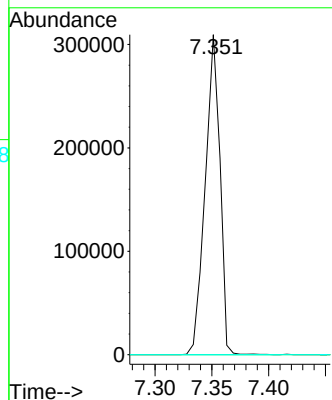
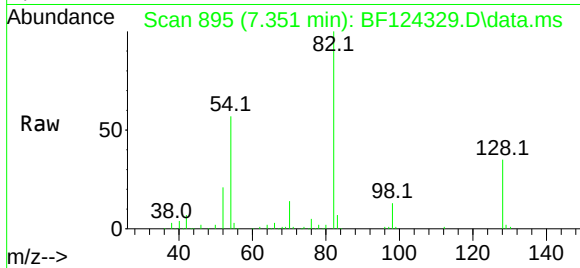




#25
Isophorone
Concen: 49.404 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

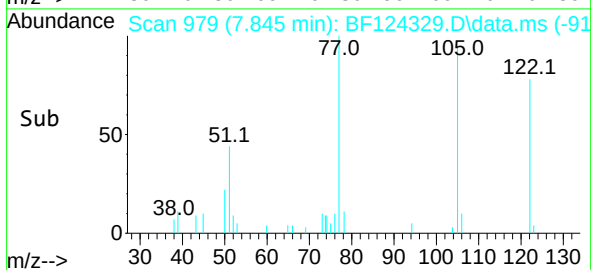
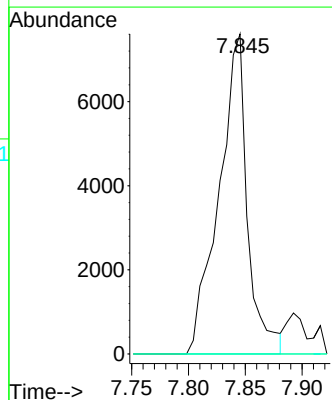
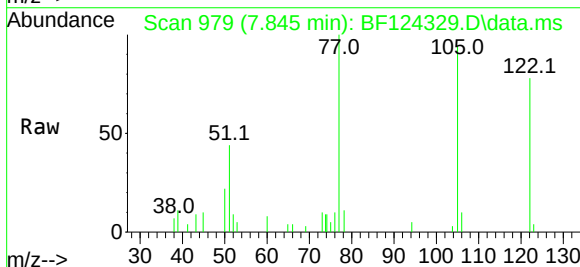
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

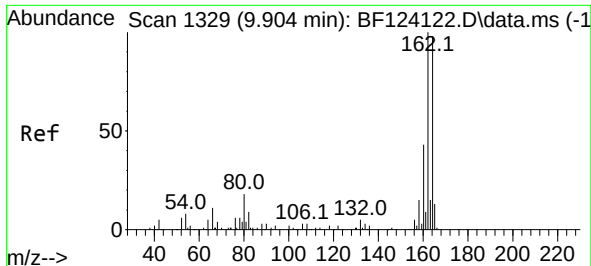
Tgt Ion: 82 Resp: 279249
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#27
2,4-Dimethylphenol
Concen: 6.690 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.106 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:122 Resp: 13261
Ion Ratio Lower Upper
122 100
107 0.0 106.3 159.5#
121 0.0 45.4 68.0#

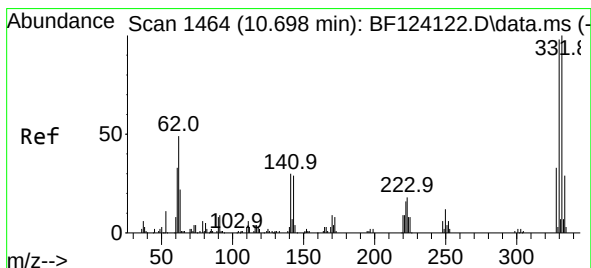
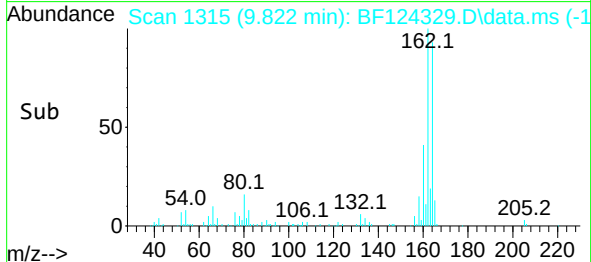
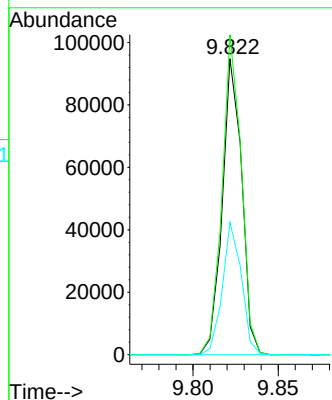
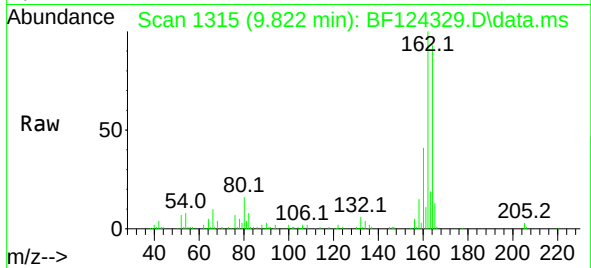




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

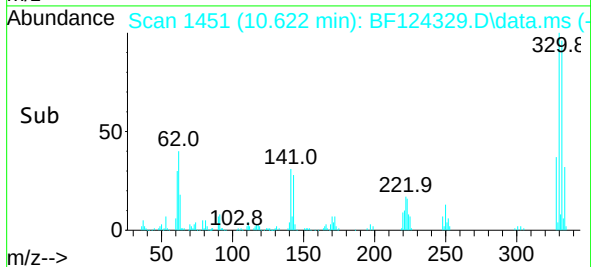
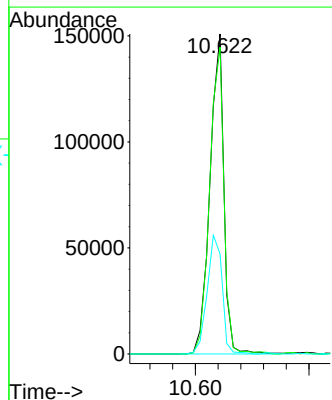
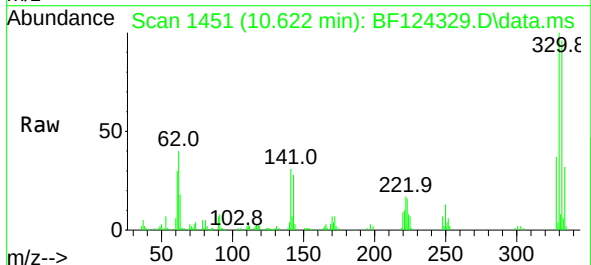
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

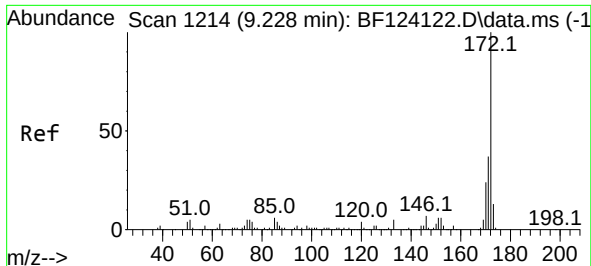
Tgt Ion:164 Resp: 75132
Ion Ratio Lower Upper
164 100
162 108.1 80.7 121.1
160 44.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 120.016 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:330 Resp: 127750
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 39.8 27.9 41.9

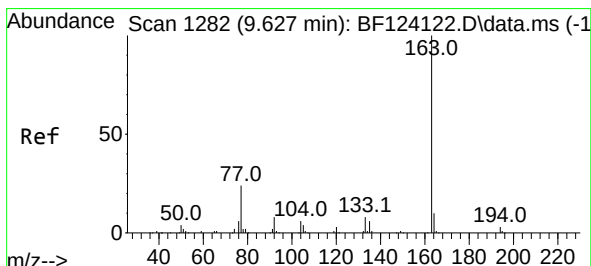
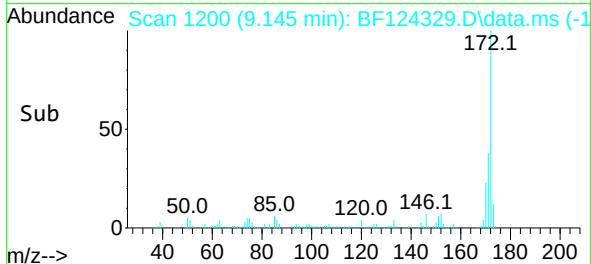
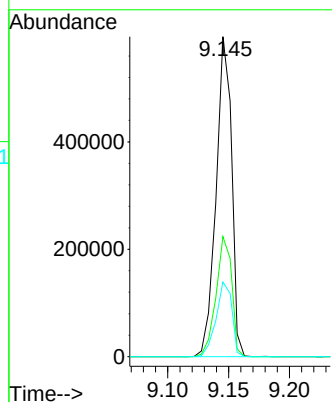
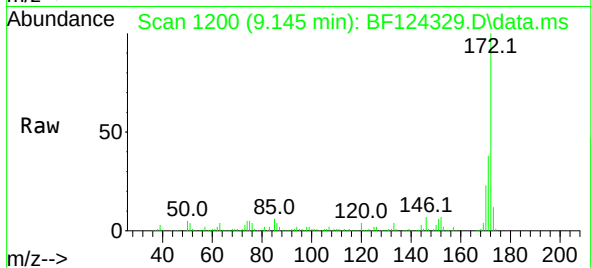




#45
2-Fluorobiphenyl
Concen: 88.355 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

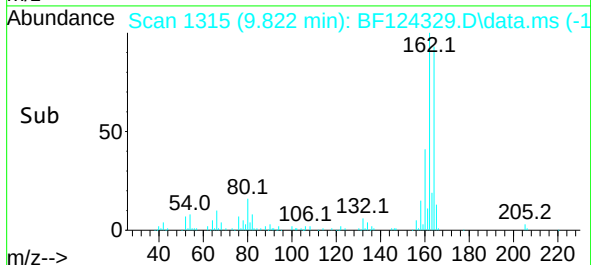
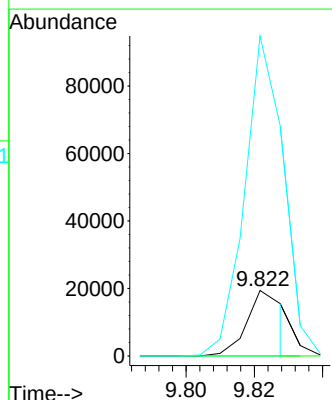
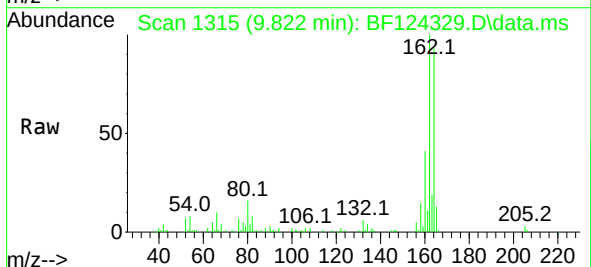
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

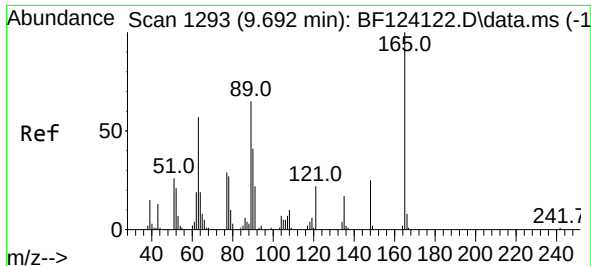
Tgt Ion:172 Resp: 527531
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.4 19.2 28.8



#50
Dimethylphthalate
Concen: 2.317 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:163 Resp: 14404
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.4 8.2 12.2#

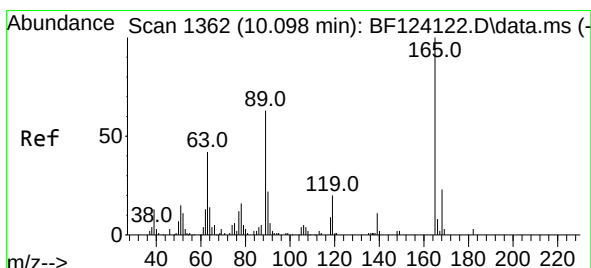
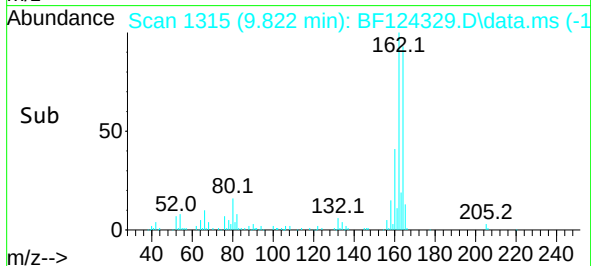
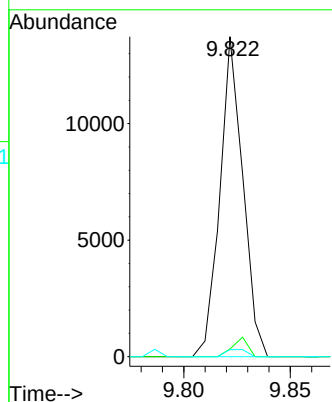
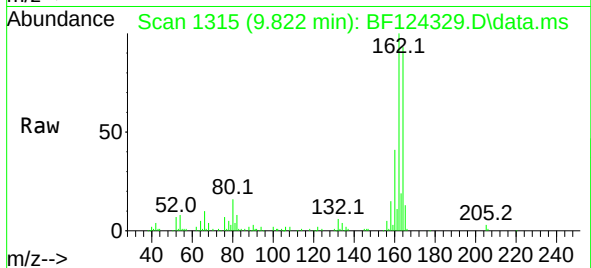




#51
2,6-Dinitrotoluene
Concen: 7.213 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

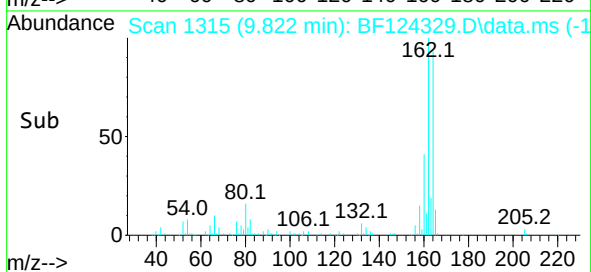
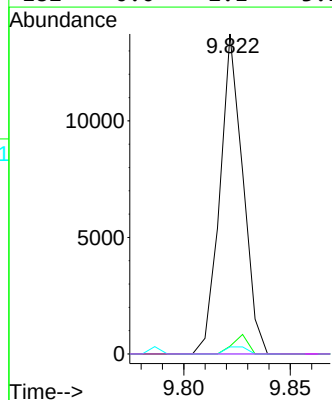
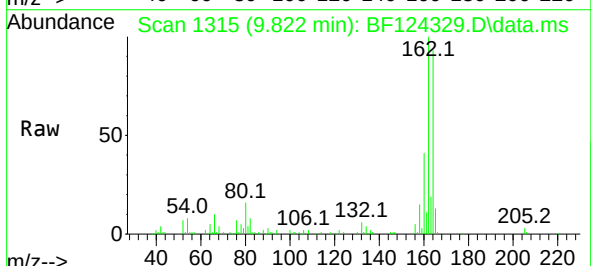
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

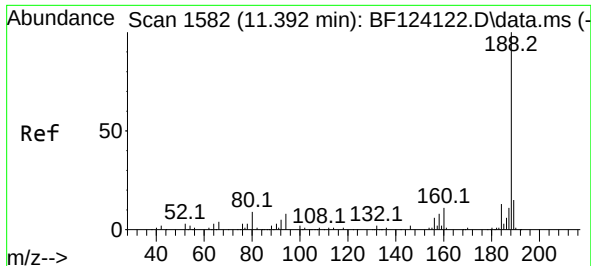
Tgt Ion:165 Resp: 10281
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 2.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.470 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:165 Resp: 10281
Ion Ratio Lower Upper
165 100
63 2.4 43.5 65.3#
89 2.2 67.7 101.5#
182 0.0 2.1 3.1#

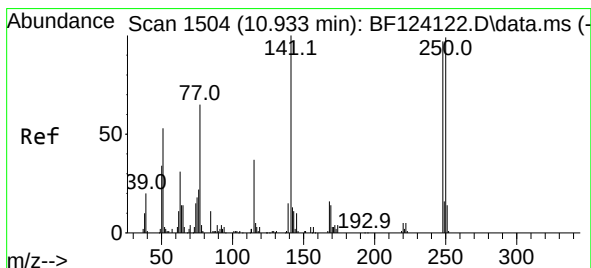
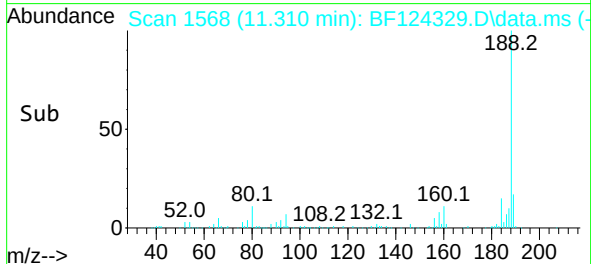
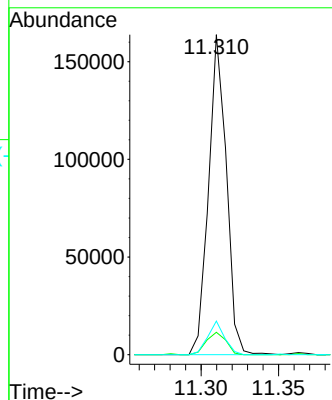
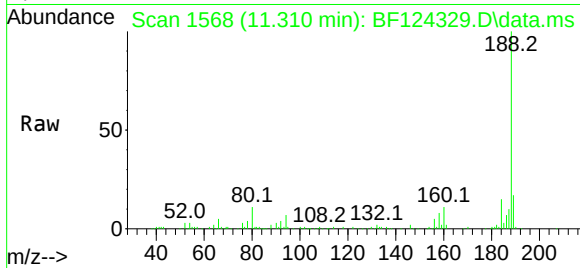




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

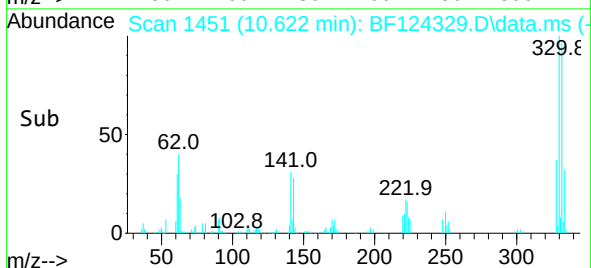
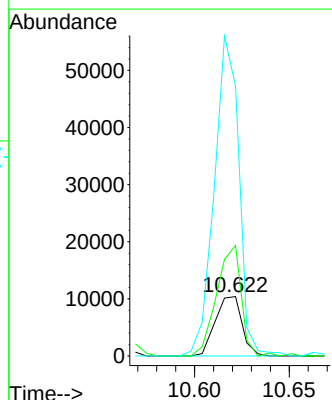
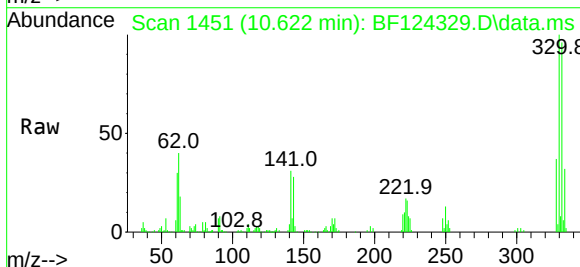
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G-FLOOR-2

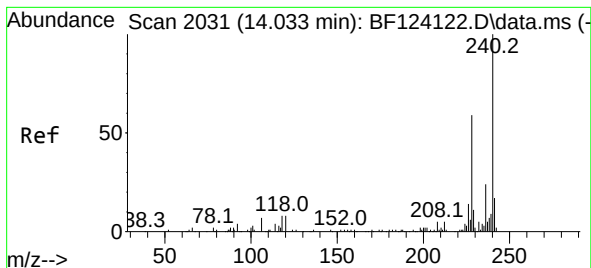
Tgt Ion:188 Resp: 130999
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 10.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.675 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 186.2 77.4 116.2#
141 454.5 63.7 95.5#

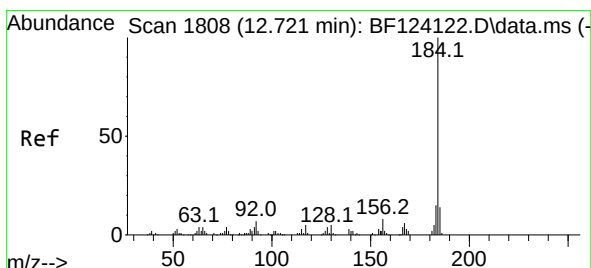
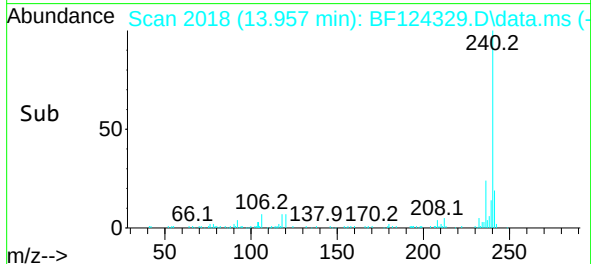
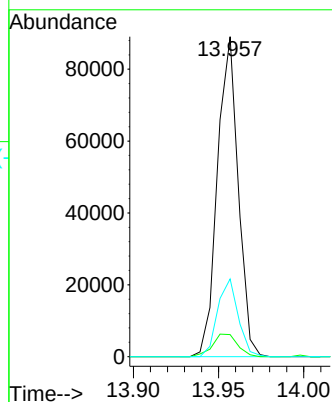
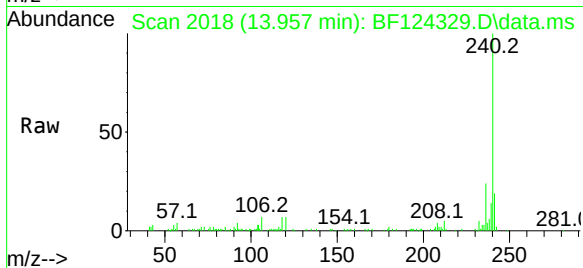




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

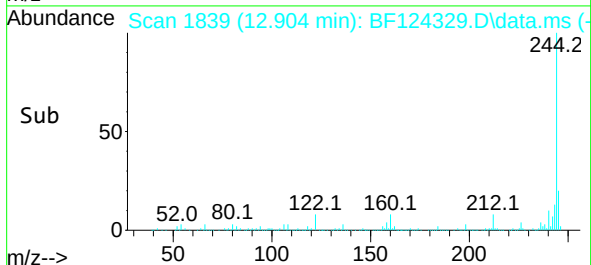
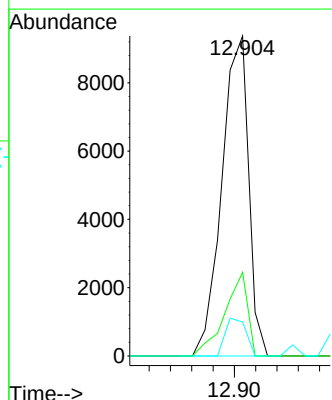
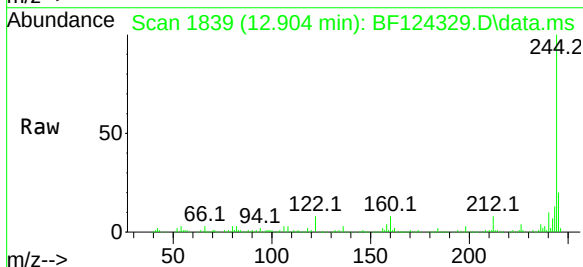
Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

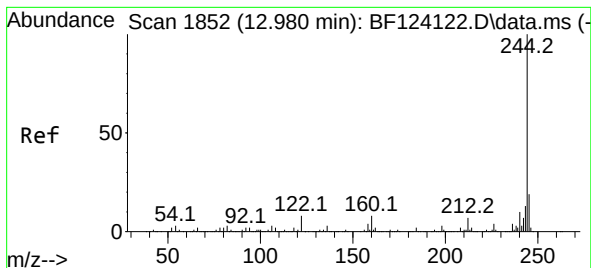
Tgt Ion:240 Resp: 75657
Ion Ratio Lower Upper
240 100
120 6.9 7.2 10.8#
236 24.3 19.0 28.4



#77
Benzidine
Concen: 8.306 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Tgt Ion:184 Resp: 8178
Ion Ratio Lower Upper
184 100
185 26.1 12.1 18.1#
183 10.6 7.8 11.8

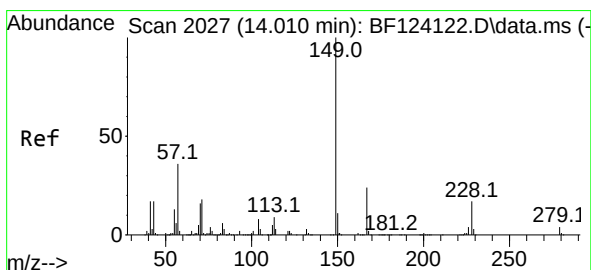
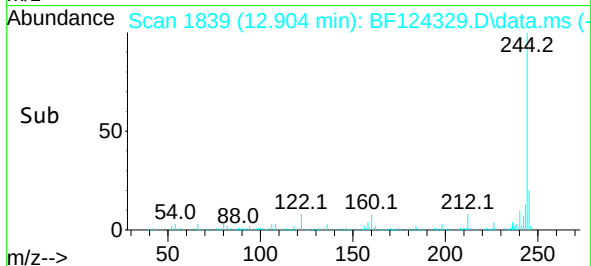
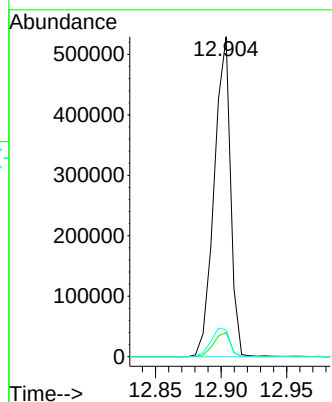
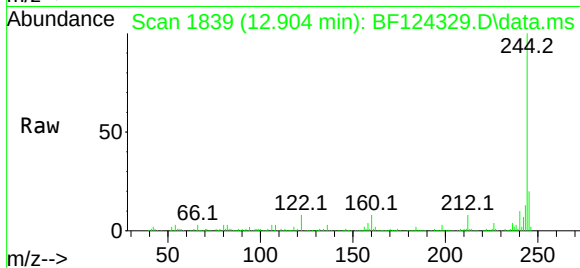




#79
 Terphenyl-d14
 Concen: 83.120 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124329.D
 Acq: 15 Jun 2021 18:38

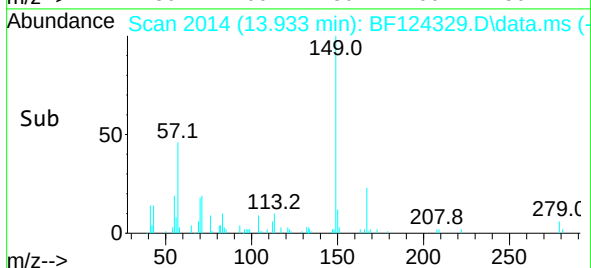
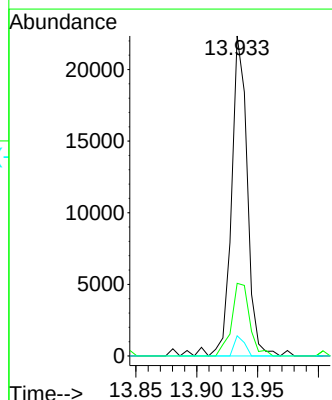
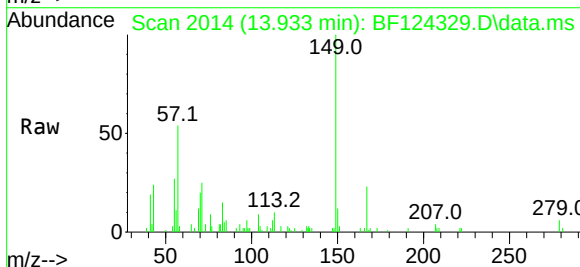
Instrument :
 BNA_F
 ClientSampleId :
 G-FLOOR-2

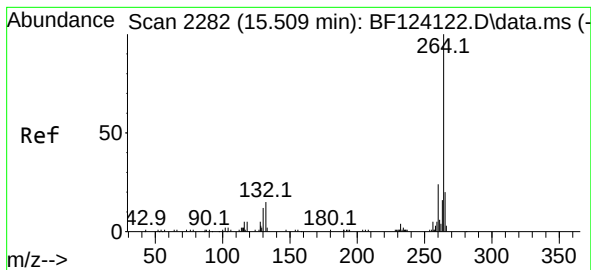
Tgt Ion:244 Resp: 458035
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.4 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.757 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF124329.D
 Acq: 15 Jun 2021 18:38

Tgt Ion:149 Resp: 20183
 Ion Ratio Lower Upper
 149 100
 167 22.7 21.8 32.6
 279 6.3 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124329.D
Acq: 15 Jun 2021 18:38

Instrument :
BNA_F
ClientSampleId :
G-FLOOR-2

Tgt Ion:264 Resp: 62551

Ion	Ratio	Lower	Upper
264	100		
260	19.2	18.7	28.1
265	20.3	17.8	26.8

