

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124639.D
 Acq On : 20 Jul 2021 21:32
 Operator : JU/CG
 Sample : M2061-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2021-WS-000-08

Quant Time: Jul 21 03:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

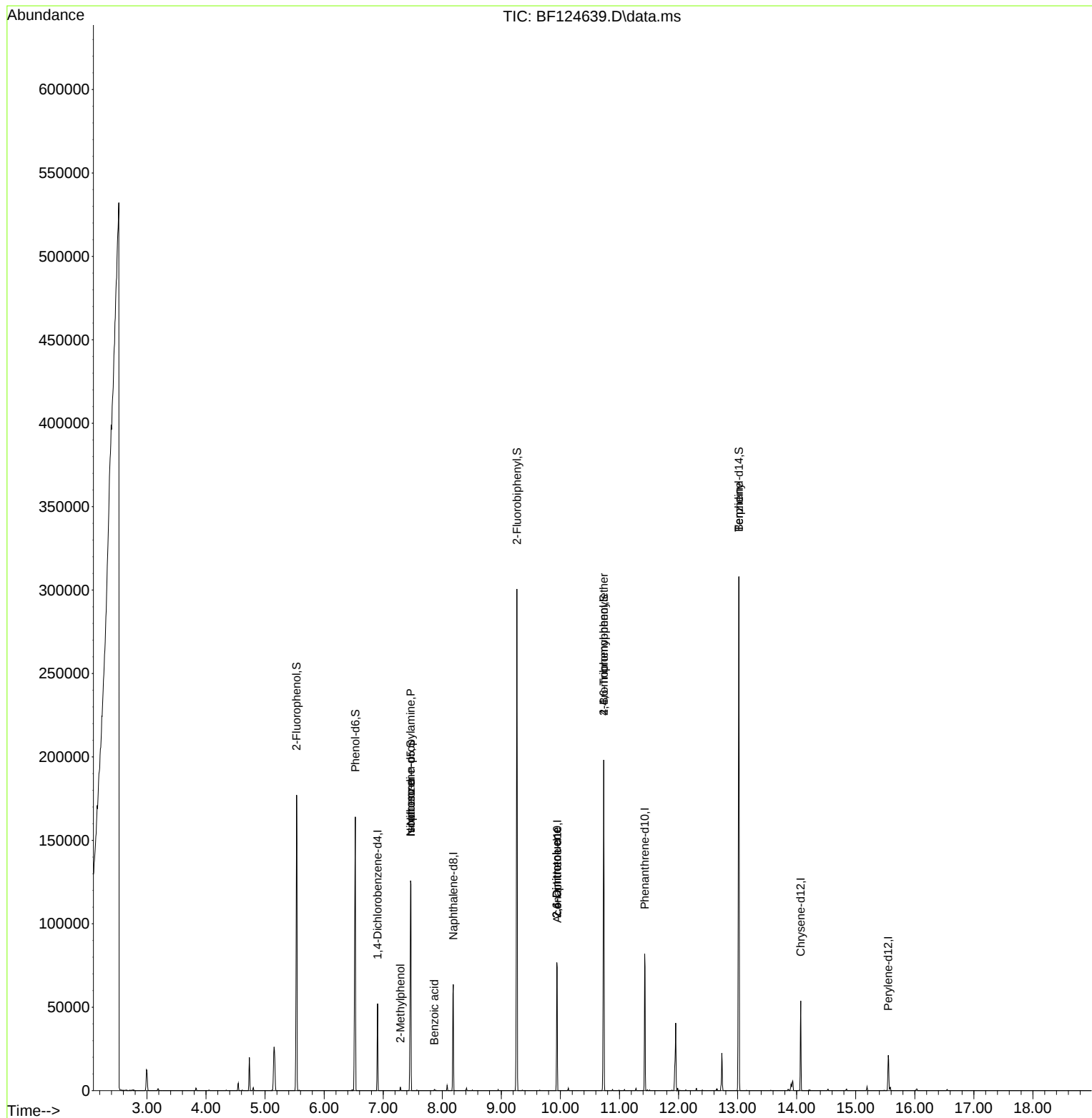
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7603	20.00	ng	-0.01
21) Naphthalene-d8	8.187	136	30984	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	17690	20.00	ng	-0.01
64) Phenanthrene-d10	11.428	188	32406	20.00	ng	-0.02
76) Chrysene-d12	14.069	240	18686	20.00	ng	#-0.02
86) Perylene-d12	15.551	264	10951	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	54355	123.86	ng	0.00
7) Phenol-d6	6.528	99	57865	108.40	ng	-0.02
23) Nitrobenzene-d5	7.463	82	43738	89.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	19399	140.92	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	98401	81.11	ng	-0.02
79) Terphenyl-d14	13.022	244	110133	98.97	ng	-0.01
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.292	107	910	2.53	ng	# 51
19) n-Nitroso-di-n-propyla...	7.463	70	5817	19.38	ng	# 68
25) Isophorone	7.463	82	43548	48.33	ng	# 59
32) Benzoic acid	7.863	122	358	6.25	ng	# 46
51) 2,6-Dinitrotoluene	9.939	165	2230	9.19	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	2230	6.71	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	1454	4.34	ng	# 1
77) Benzidine	13.022	184	1723	2.47	ng	# 69

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124639.D
Acq On : 20 Jul 2021 21:32
Operator : JU/CG
Sample : M2061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

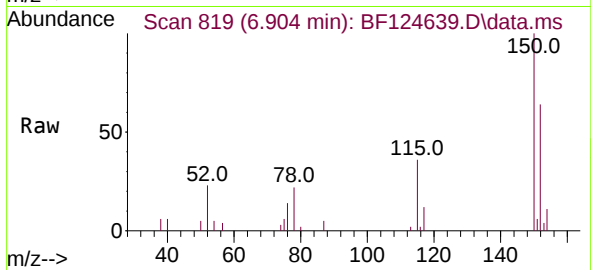
Quant Time: Jul 21 03:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration



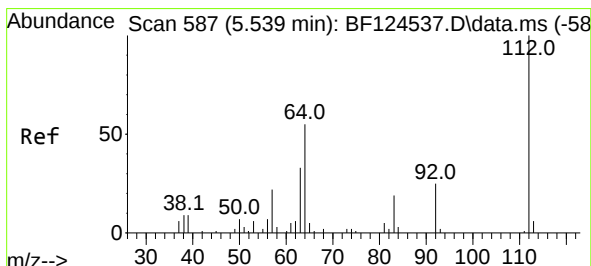
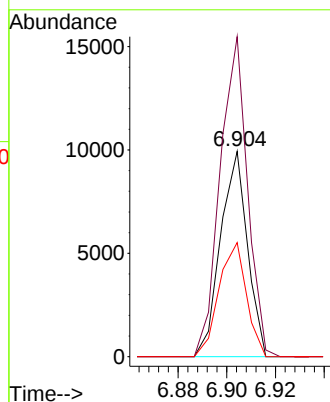
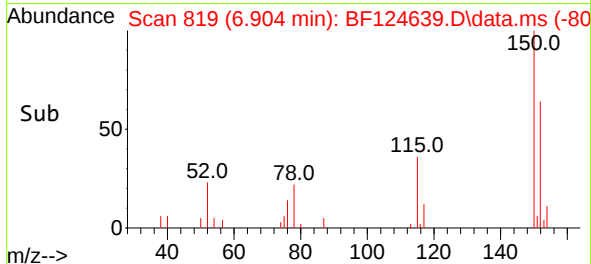


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

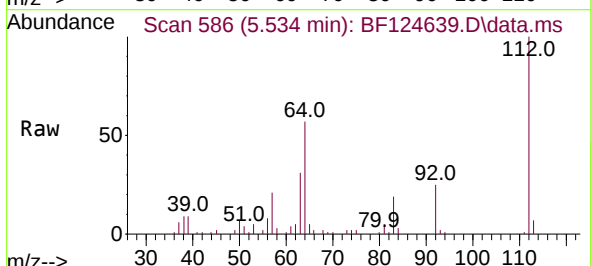
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08



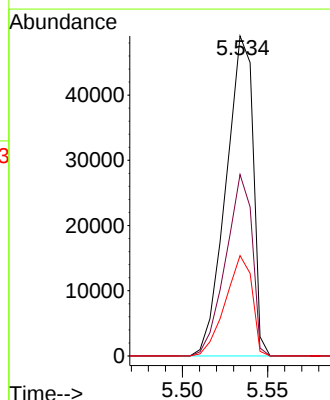
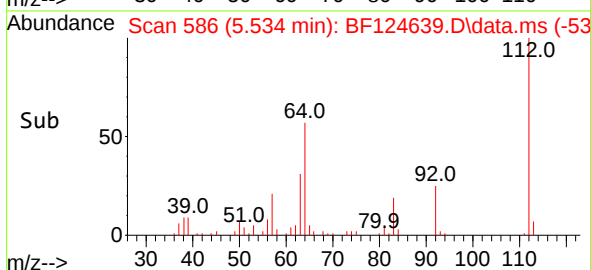
Tgt Ion:152 Resp: 7603
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 55.5 47.1 70.7

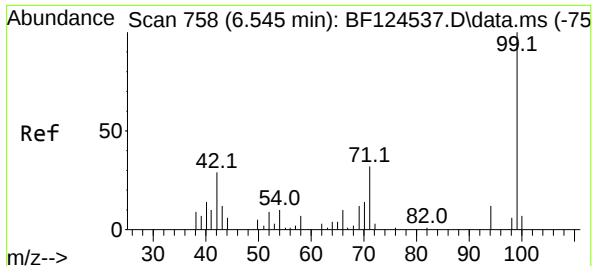


#5
2-Fluorophenol
Concen: 123.86 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32



Tgt Ion:112 Resp: 54355
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.2
63 31.4 26.2 39.2

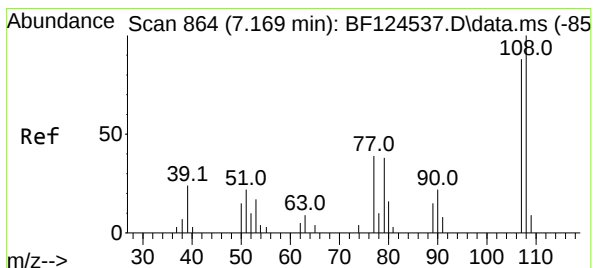
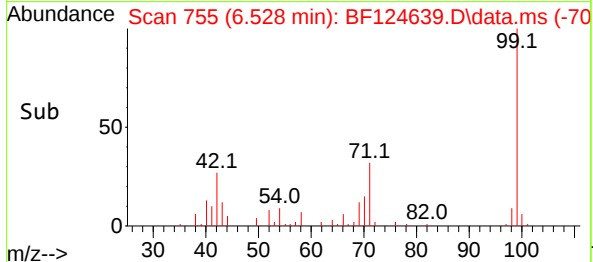
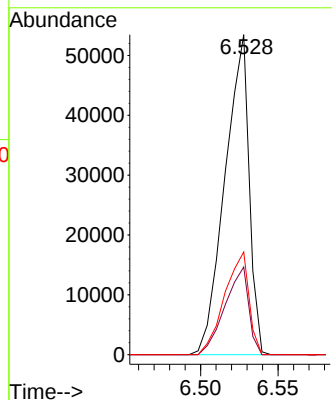
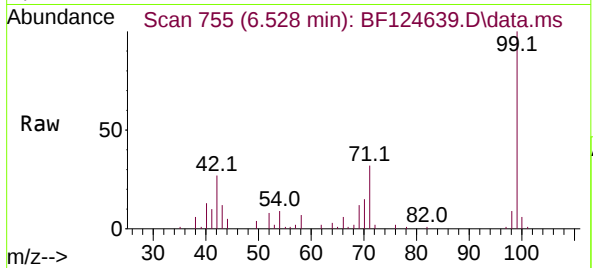




#7
Phenol-d6
Concen: 108.40 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

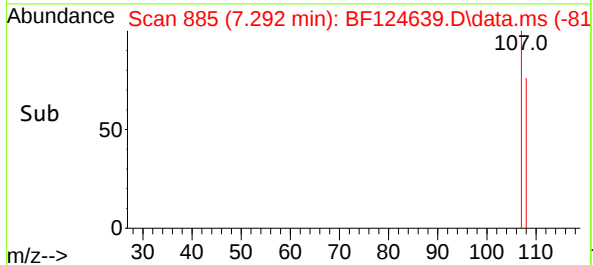
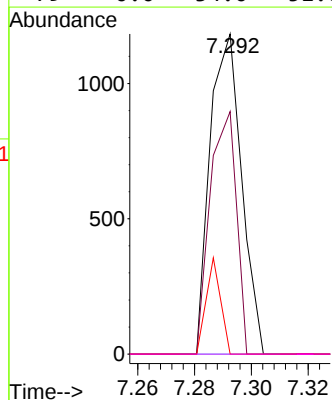
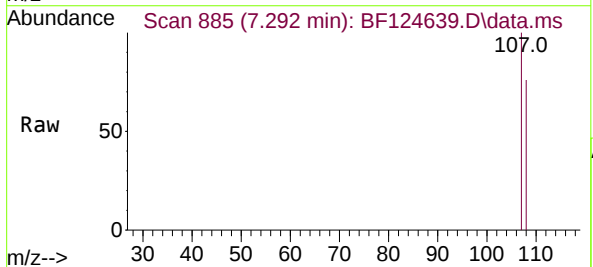
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

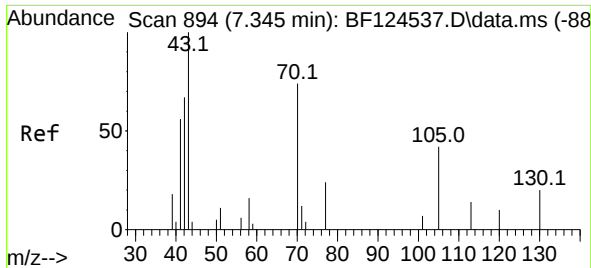
Tgt Ion: 99 Resp: 57865
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 32.1 25.6 38.4



#17
2-Methylphenol
Concen: 2.53 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.130 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion: 107 Resp: 910
Ion Ratio Lower Upper
107 100
108 75.7 90.6 135.8#
77 0.0 35.7 53.5#
79 0.0 34.0 51.0#

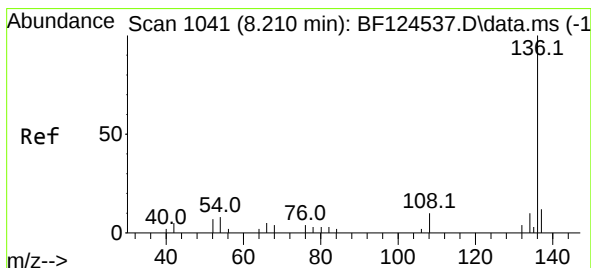
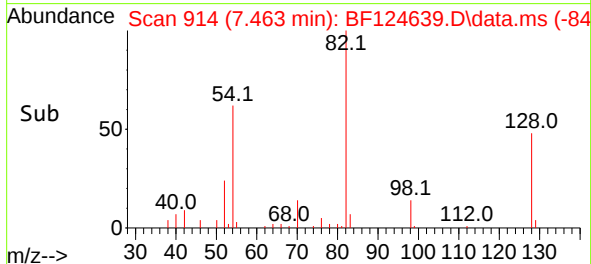
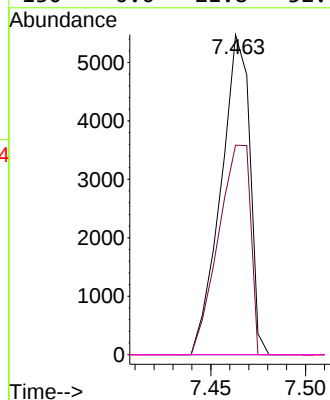
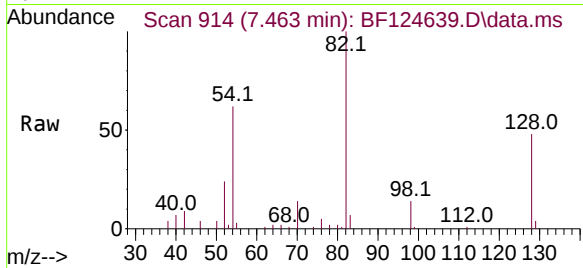




#19
n-Nitroso-di-n-propylamine
Concen: 19.38 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.130 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

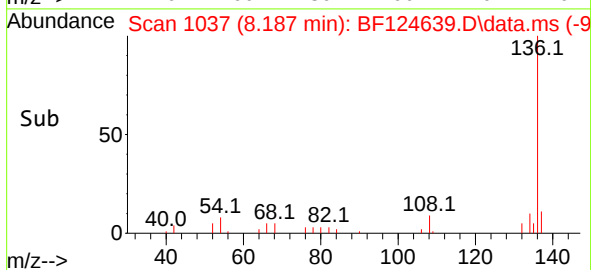
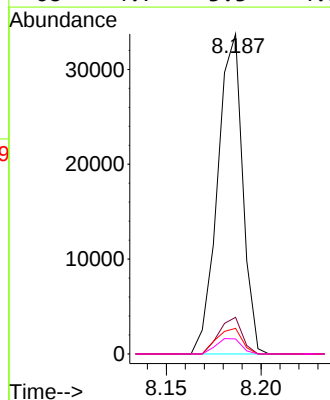
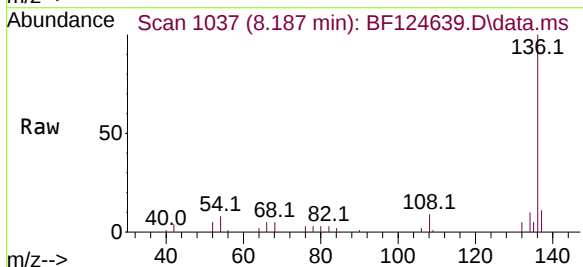
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

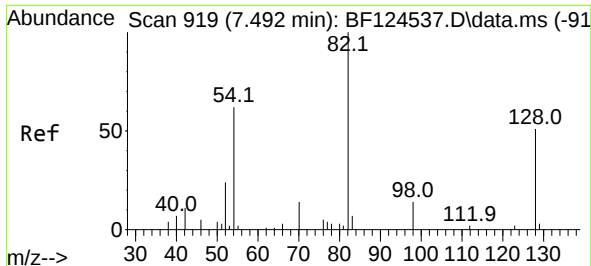
Tgt Ion: 70	Resp: 5817
Ion Ratio	Lower Upper
70 100	
42 65.4	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion: 136	Resp: 30984
Ion Ratio	Lower Upper
136 100	
137 11.4	9.8 14.6
54 8.0	6.4 9.6
68 4.7	3.3 4.9

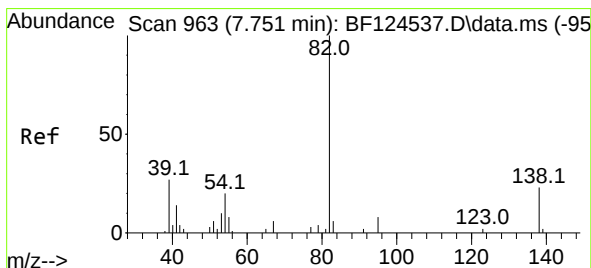
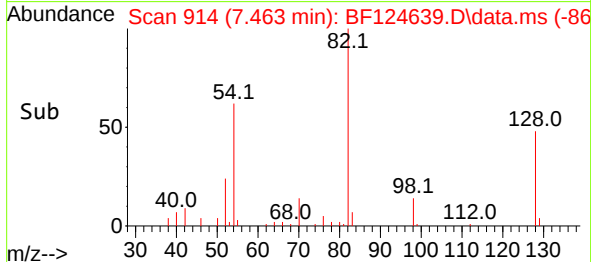
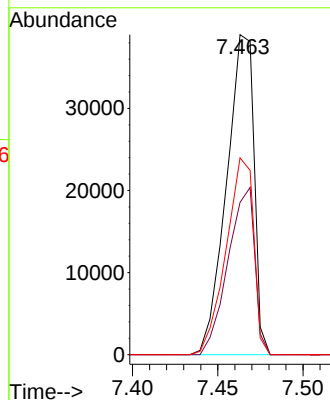
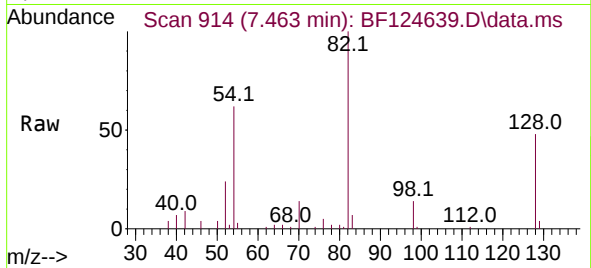




#23
Nitrobenzene-d5
Concen: 89.11 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

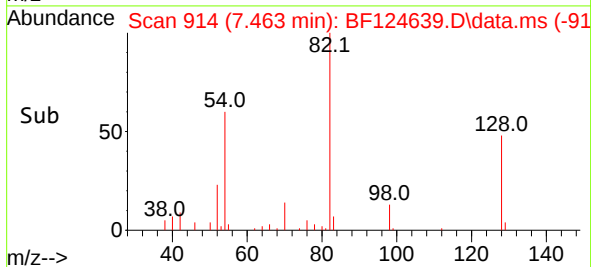
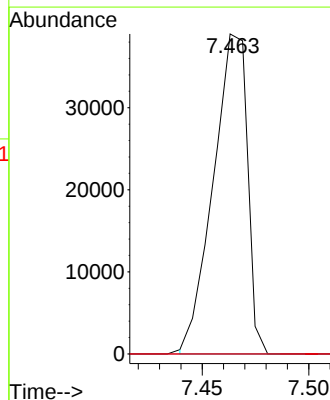
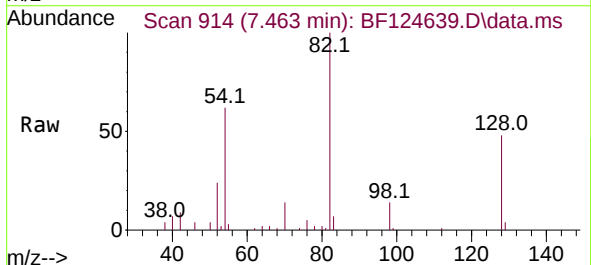
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

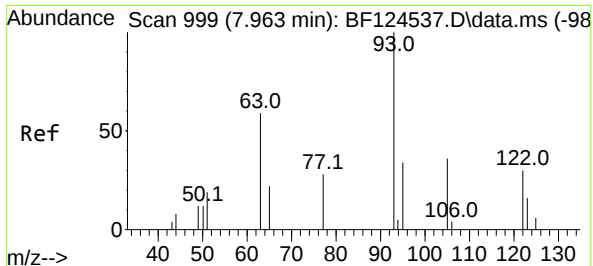
Tgt Ion: 82 Resp: 43738
Ion Ratio Lower Upper
82 100
128 47.6 40.6 60.8
54 61.5 49.6 74.4



#25
Isophorone
Concen: 48.33 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion: 82 Resp: 43548
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

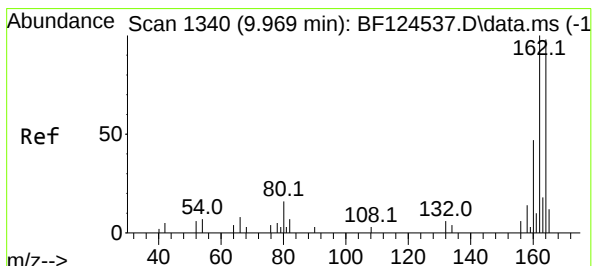
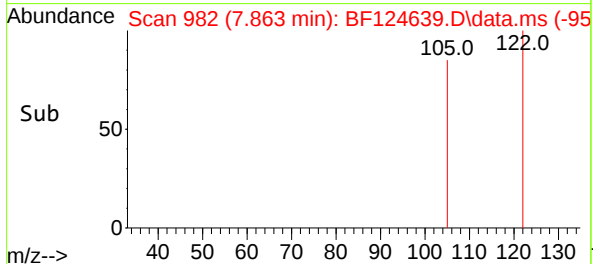
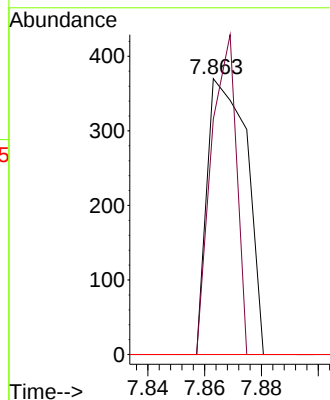
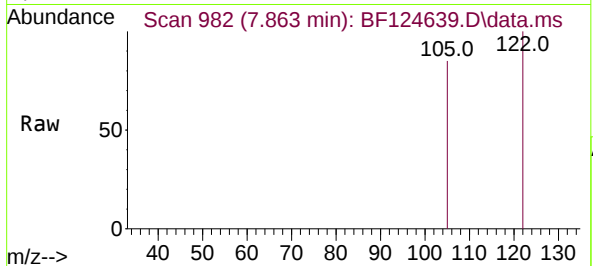




#32
Benzoic acid
Concen: 6.25 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.117 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

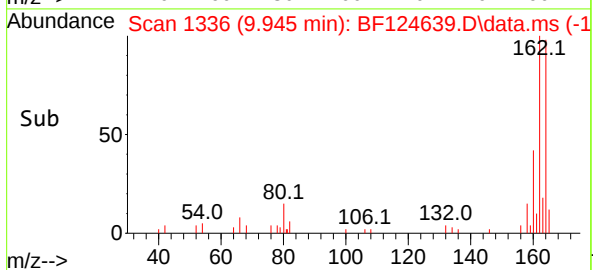
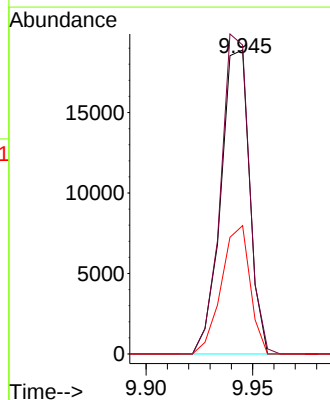
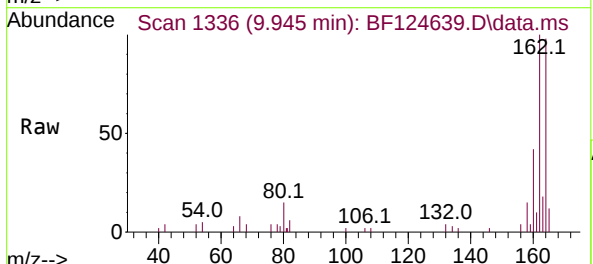
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

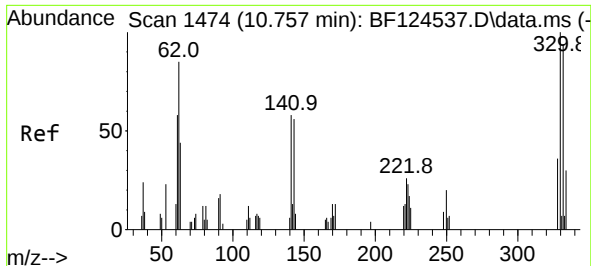
Tgt Ion:122 Resp: 358
Ion Ratio Lower Upper
122 100
105 85.4 97.6 137.6#
77 0.0 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion:164 Resp: 17690
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 42.2 38.0 57.0

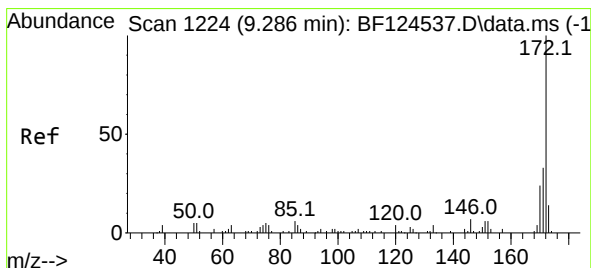
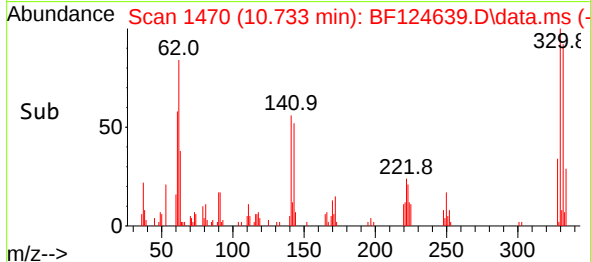
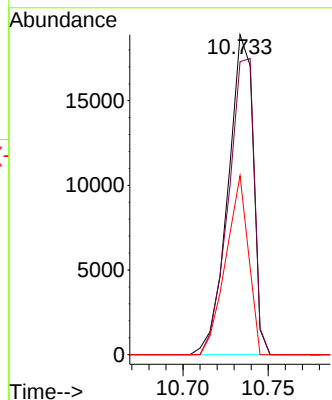
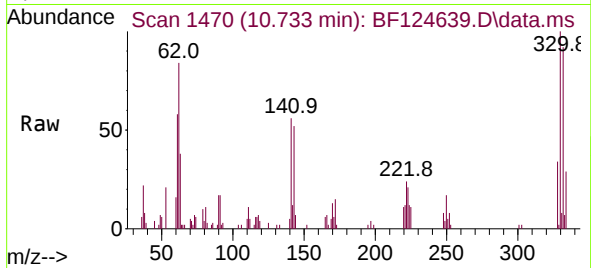




#42
2,4,6-Tribromophenol
Concen: 140.92 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

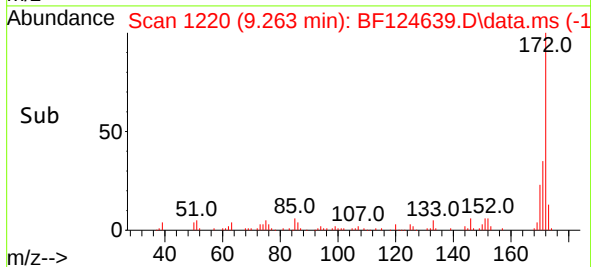
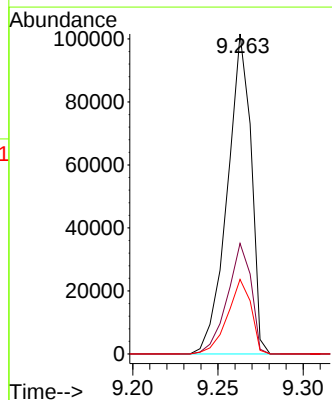
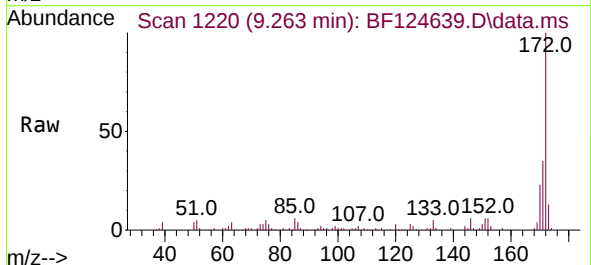
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

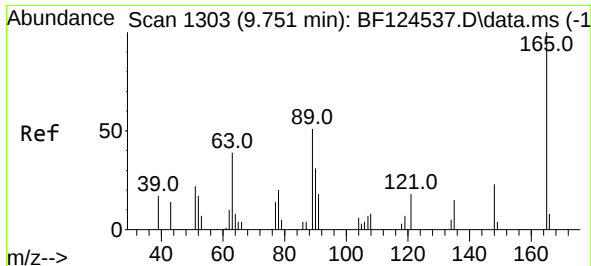
Tgt Ion: 330 Resp: 19399
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 50.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 81.11 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion: 172 Resp: 98401
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.3 18.8 28.2

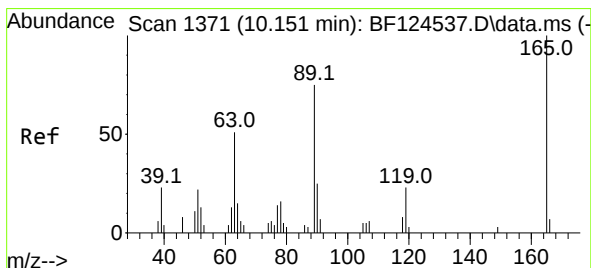
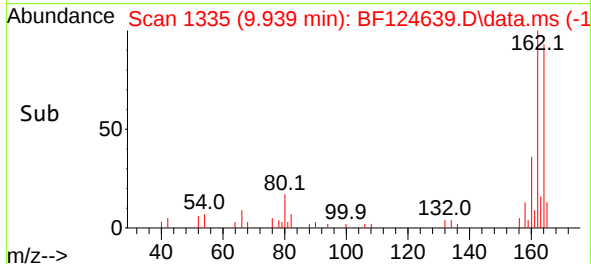
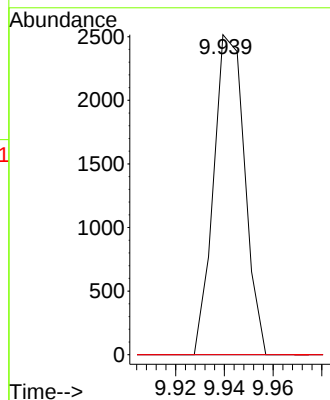
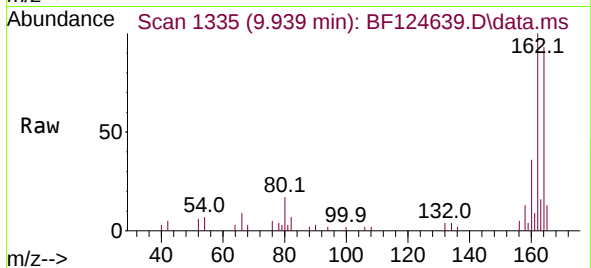




#51
2,6-Dinitrotoluene
Concen: 9.19 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.194 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

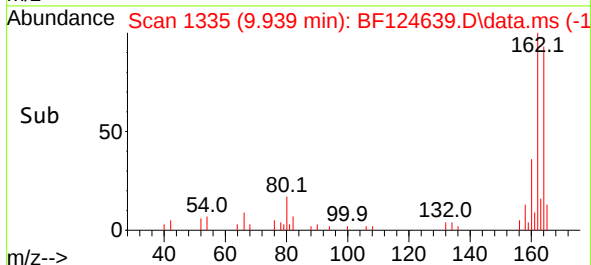
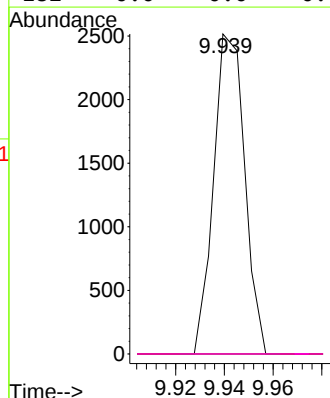
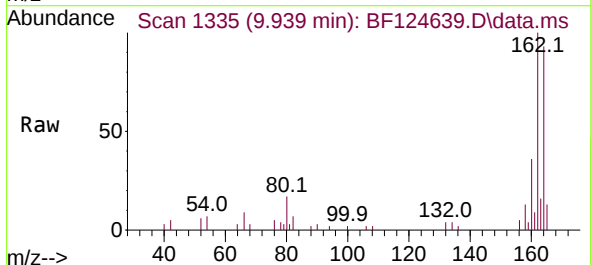
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

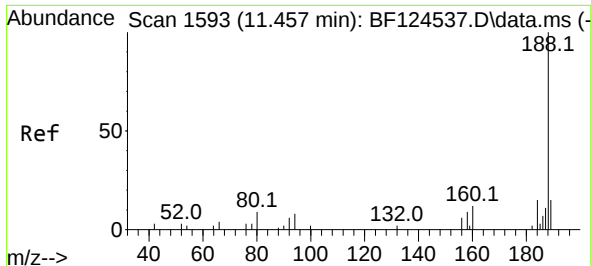
Tgt Ion:165 Resp: 2230
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.206 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion:165 Resp: 2230
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

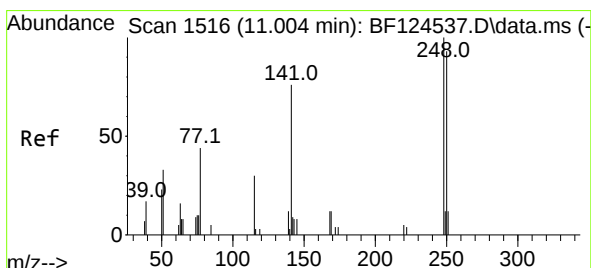
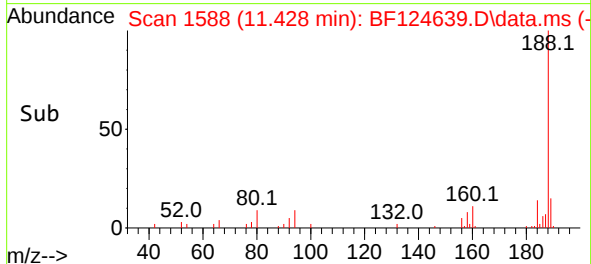
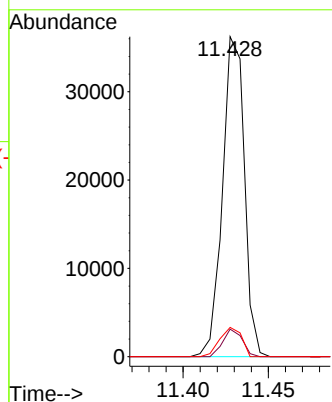
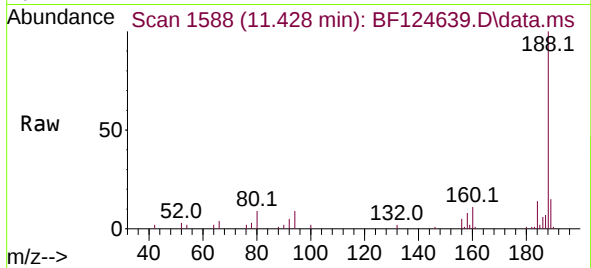




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

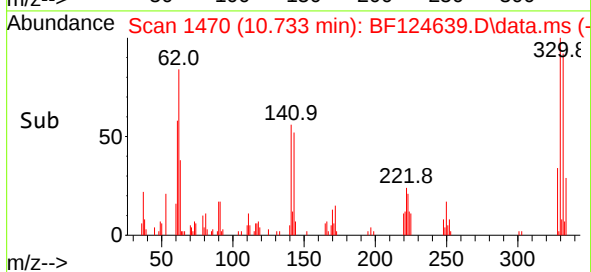
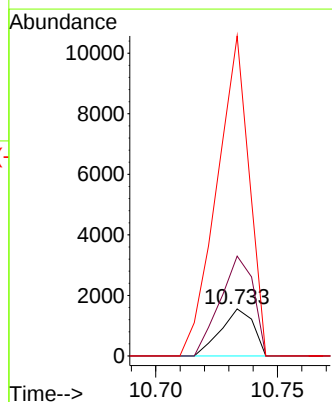
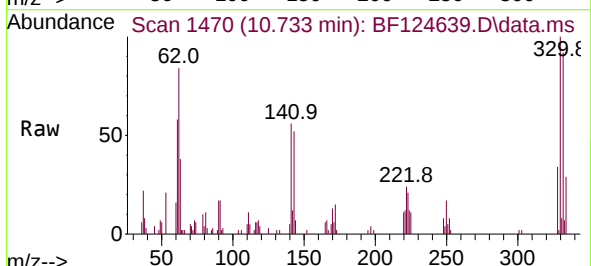
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

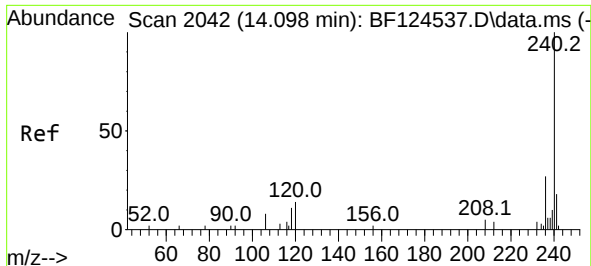
Tgt Ion:188 Resp: 32406
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion:248 Resp: 1454
Ion Ratio Lower Upper
248 100
250 212.0 74.2 111.4#
141 679.4 60.4 90.6#

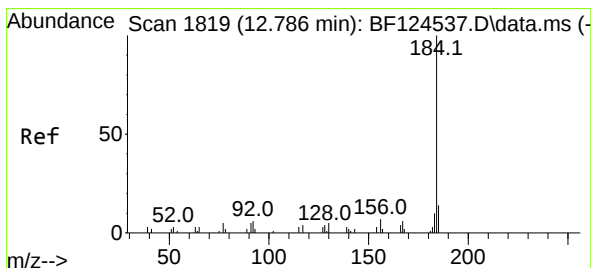
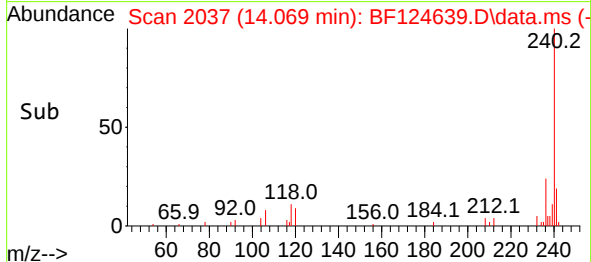
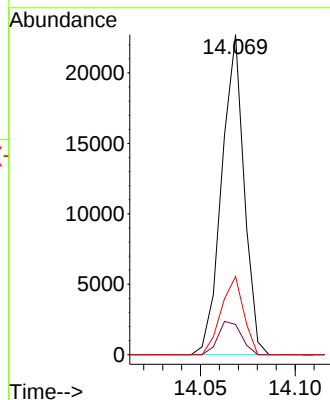
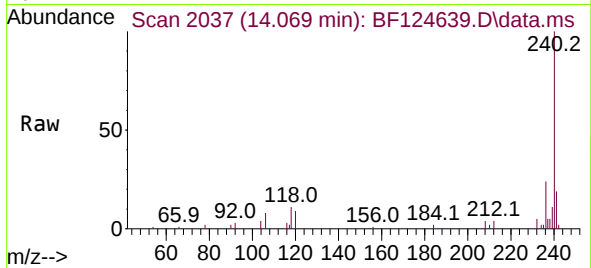




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

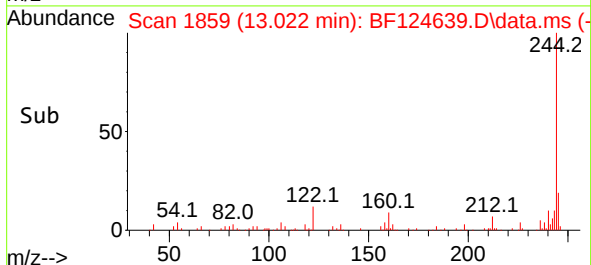
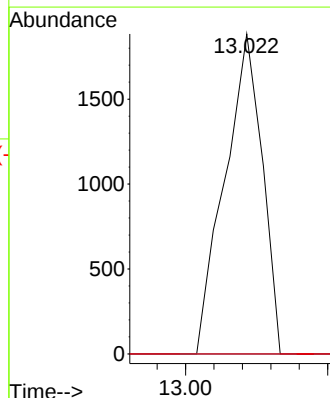
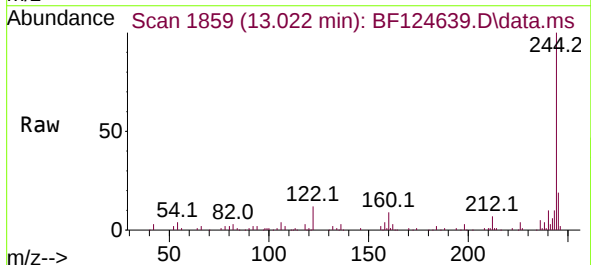
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08

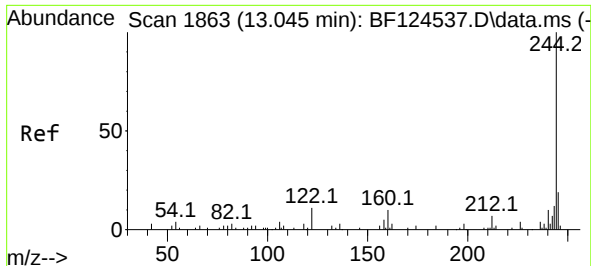
Tgt Ion:240 Resp: 18686
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 24.4 21.6 32.4



#77
Benzidine
Concen: 2.47 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

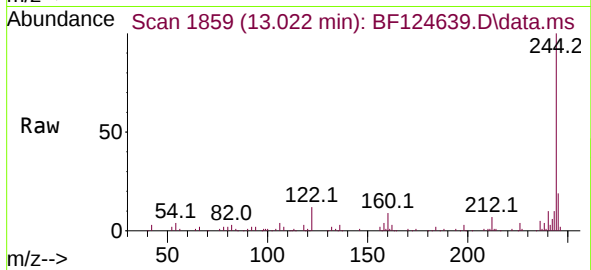
Tgt Ion:184 Resp: 1723
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



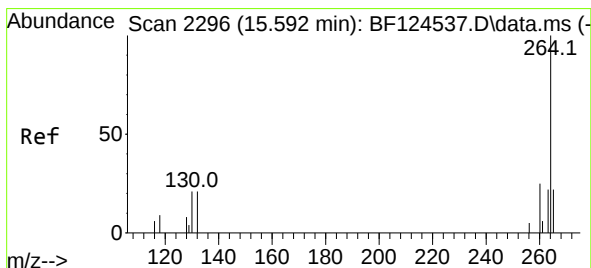
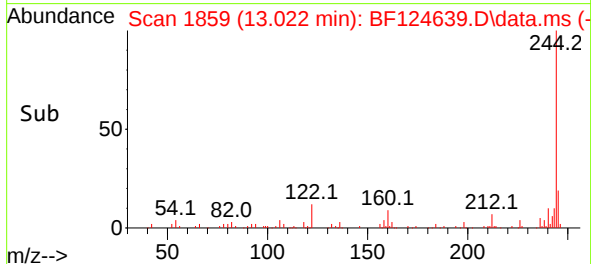
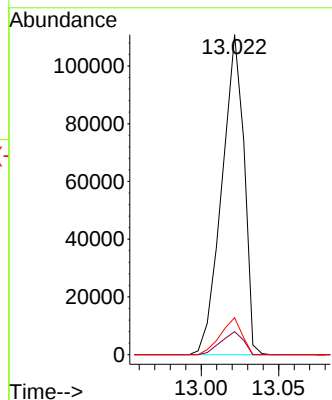


#79
Terphenyl-d14
Concen: 98.97 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08



Tgt Ion:244 Resp: 110133
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.017 min
Lab File: BF124639.D
Acq: 20 Jul 2021 21:32

Tgt Ion:264 Resp: 10951
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 24.5 17.2 25.8

