

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126858.D
 Acq On : 11 Feb 2022 15:35
 Operator : CG\JU
 Sample : N1477-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220087-AMENDED-BERKELEY-7-COMP

Quant Time: Feb 11 22:42:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

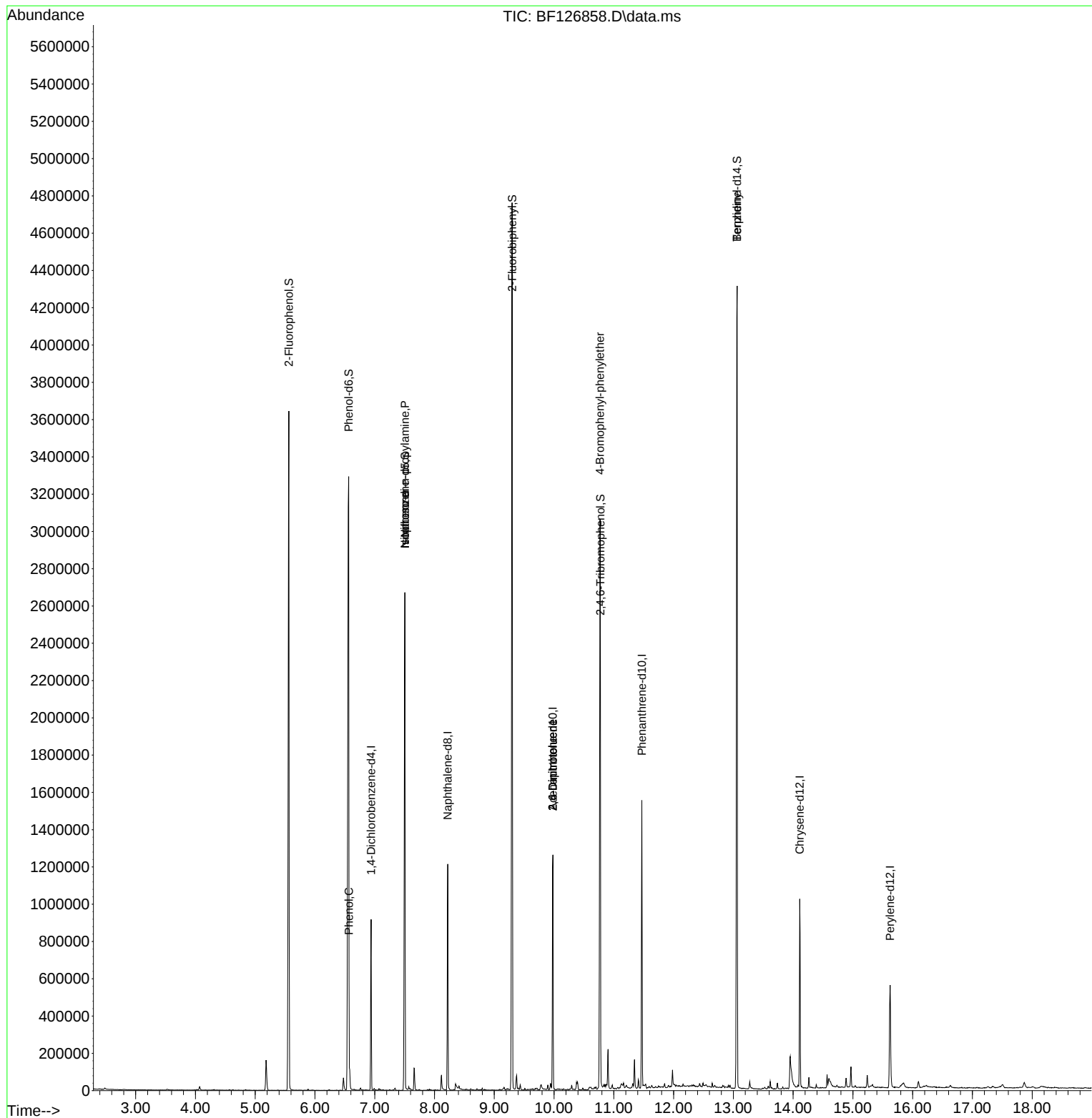
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	115798	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	477938	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	253866	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	481908	20.000	ng	0.00
76) Chrysene-d12	14.110	240	314703	20.000	ng	-0.01
86) Perylene-d12	15.621	264	235746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	966770	128.542	ng	0.00
7) Phenol-d6	6.563	99	1339122	131.890	ng	0.00
23) Nitrobenzene-d5	7.504	82	901826	87.062	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	362599	133.229	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1330117	78.869	ng	0.00
79) Terphenyl-d14	13.063	244	1559965	71.061	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.569	94	26622	2.601	ng	86
19) n-Nitroso-di-n-propyla...	7.504	70	123543	19.215	ng	# 76
25) Isophorone	7.504	82	901815	51.964	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	31879	8.765	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	31879	6.629	ng	# 17
67) 4-Bromophenyl-phenylether	10.769	248	21923	4.186	ng	# 1
77) Benzidine	13.063	184	23343	2.819	ng	97

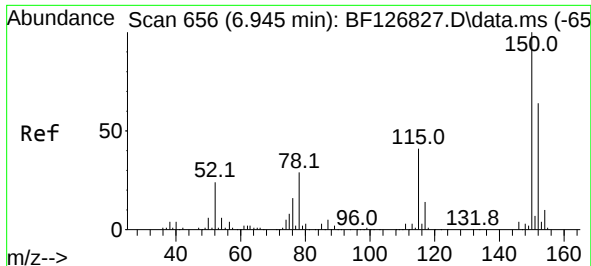
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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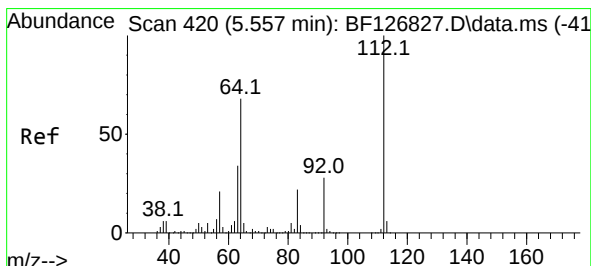
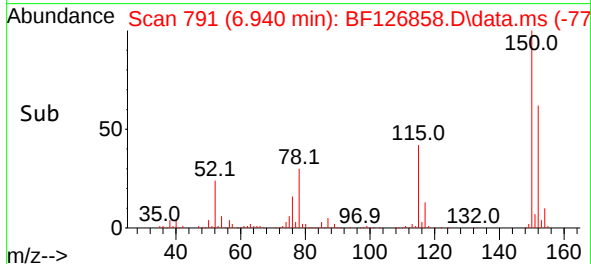
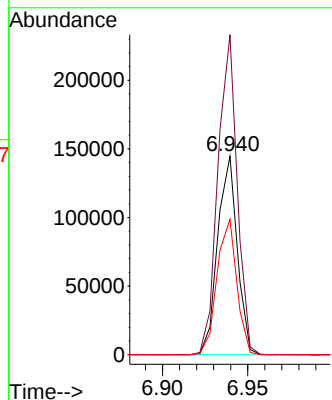
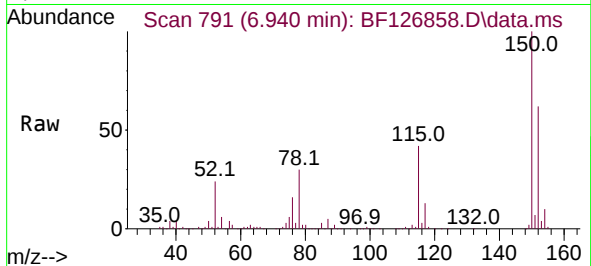




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF126858.D
 Acq: 11 Feb 2022 15:35

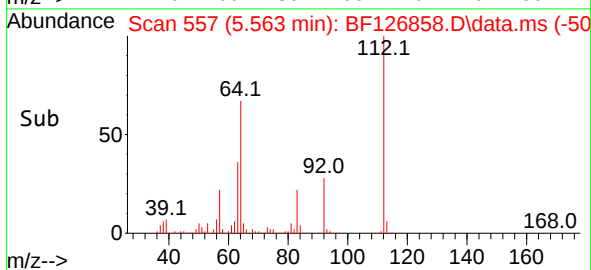
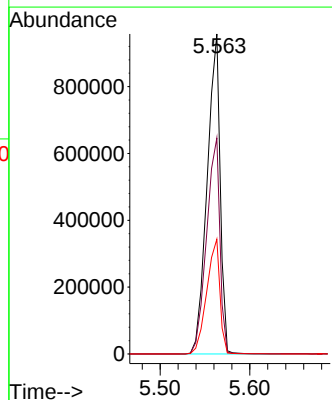
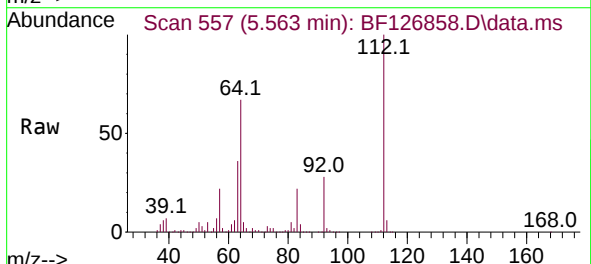
Instrument :
 BNA_F
 ClientSampleId :
 20220087-AMENDED-BERKELEY-7-COMP

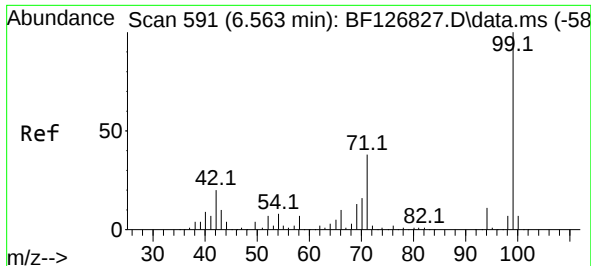
Tgt Ion:152 Resp: 115798
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.3 186.5
 115 68.2 50.5 75.7



#5
 2-Fluorophenol
 Concen: 128.542 ng
 RT: 5.563 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: BF126858.D
 Acq: 11 Feb 2022 15:35

Tgt Ion:112 Resp: 966770
 Ion Ratio Lower Upper
 112 100
 64 67.5 54.3 81.5
 63 35.8 27.5 41.3





#7

Phenol-d6

Concen: 131.890 ng

RT: 6.563 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126858.D

Acq: 11 Feb 2022 15:35

Instrument :

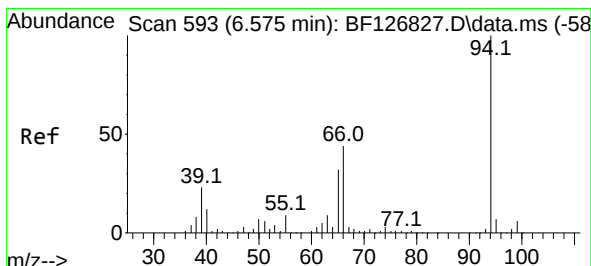
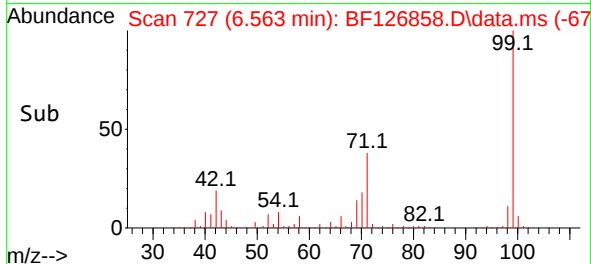
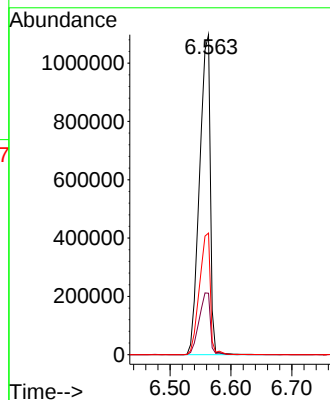
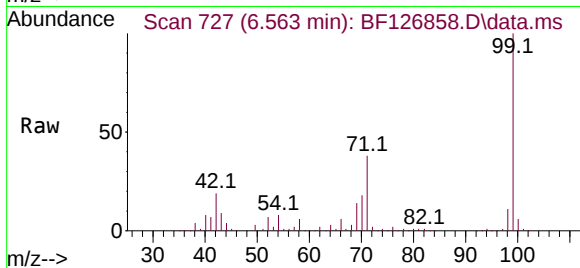
BNA_F

ClientSampleId :

20220087-AMENDED-BERKELEY-7-COMP

Tgt Ion: 99 Resp: 1339122

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	38.0	30.6	45.8



#10

Phenol

Concen: 2.601 ng

RT: 6.569 min Scan# 728

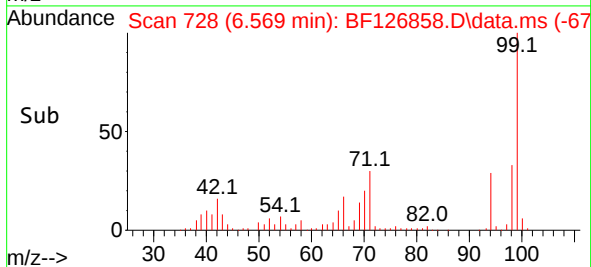
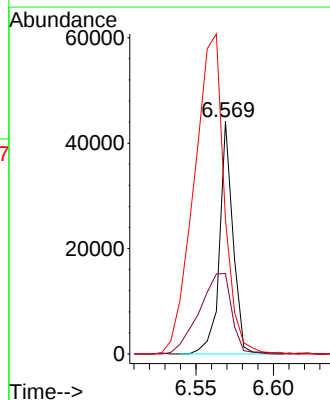
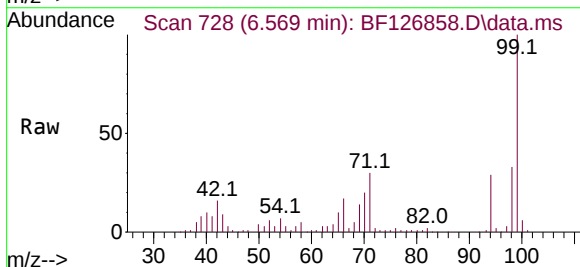
Delta R.T. -0.006 min

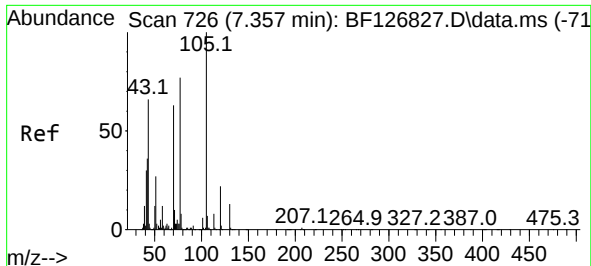
Lab File: BF126858.D

Acq: 11 Feb 2022 15:35

Tgt Ion: 94 Resp: 26622

Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.1	52.1
66	57.6	23.6	63.6

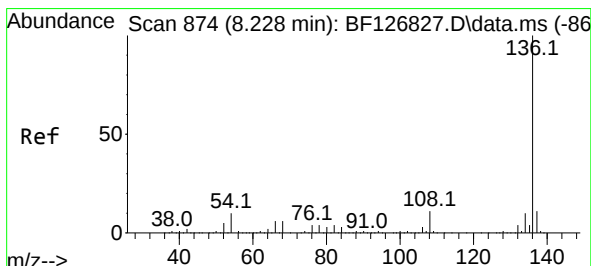
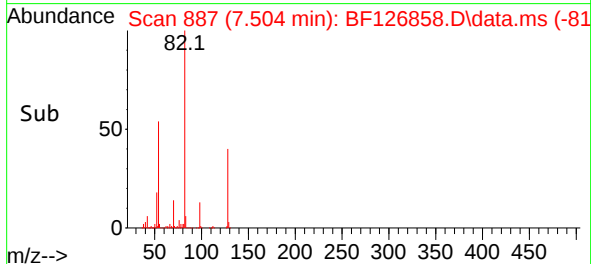
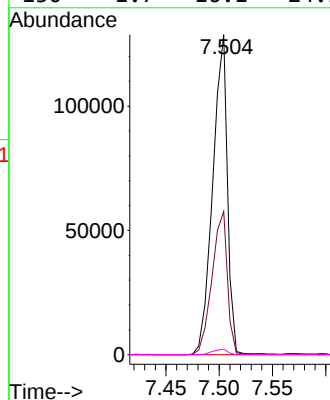
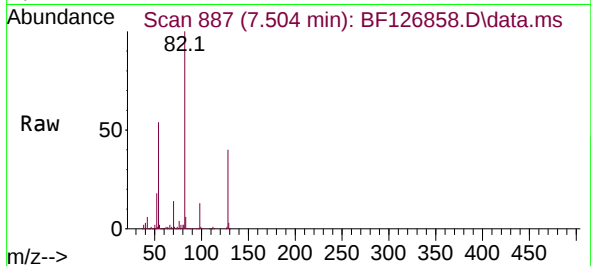




#19
n-Nitroso-di-n-propylamine
Concen: 19.215 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

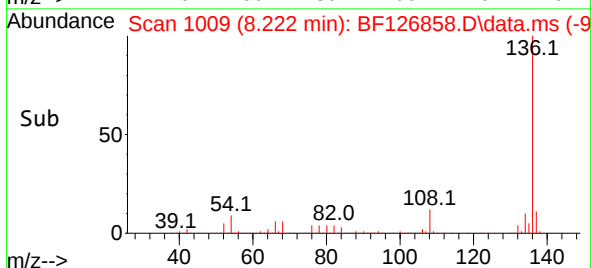
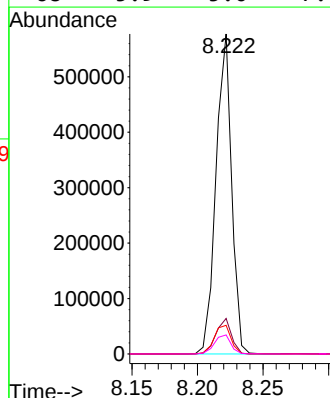
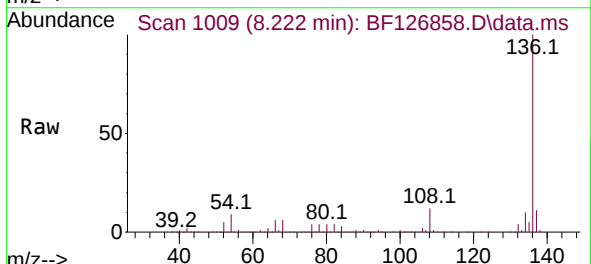
Instrument :
BNA_F
ClientSampleId :
20220087-AMENDED-BERKELEY-7-COMP

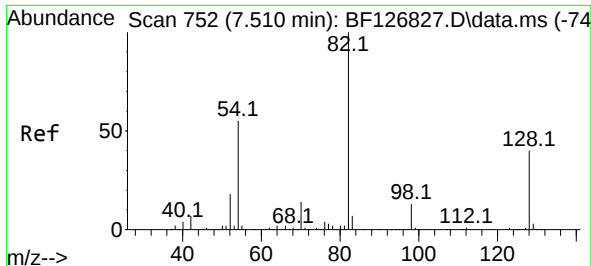
Tgt Ion: 70 Resp: 123543
Ion Ratio Lower Upper
70 100
42 44.8 46.3 69.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Tgt Ion:136 Resp: 477938
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.9 8.0 12.0
68 5.9 5.0 7.6

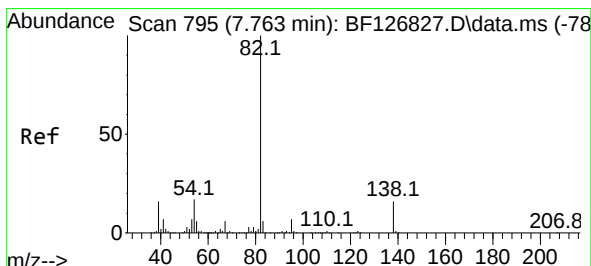
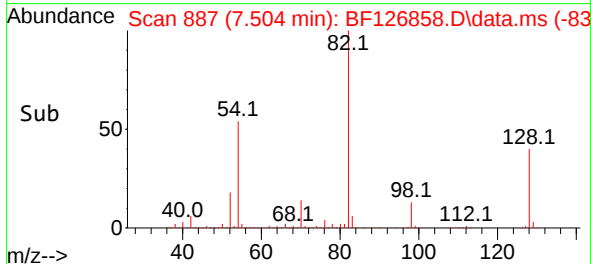
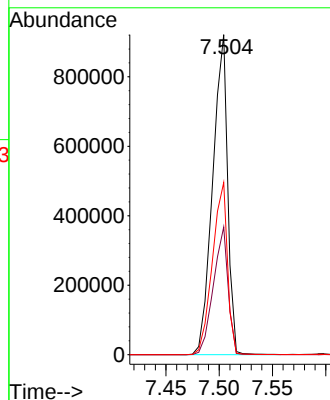
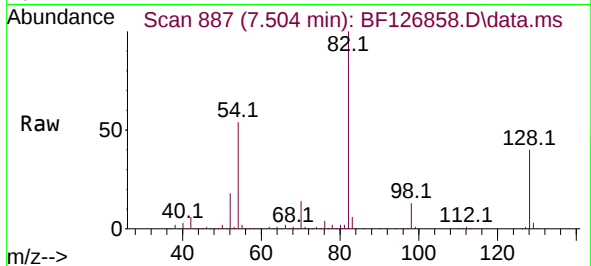




#23
Nitrobenzene-d5
Concen: 87.062 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

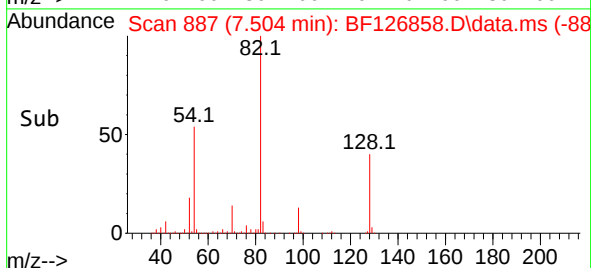
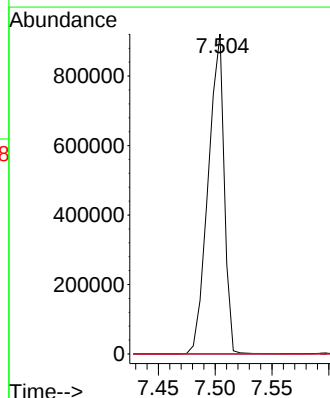
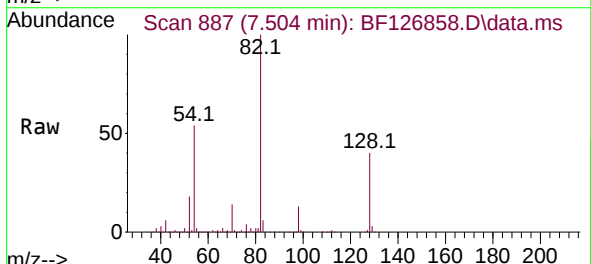
Instrument :
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ClientSampleId :
20220087-AMENDED-BERKELEY-7-COMP

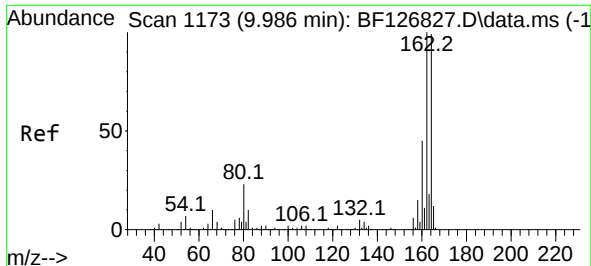
Tgt Ion: 82 Resp: 901826
Ion Ratio Lower Upper
82 100
128 39.9 31.6 47.4
54 53.8 43.7 65.5



#25
Isophorone
Concen: 51.964 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.259 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Tgt Ion: 82 Resp: 901815
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#

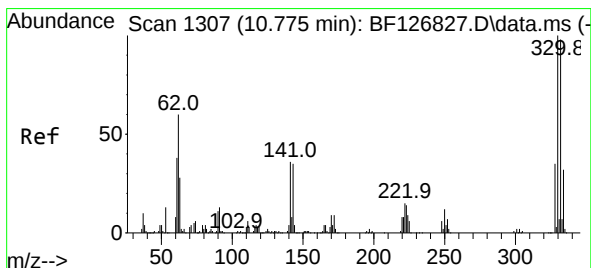
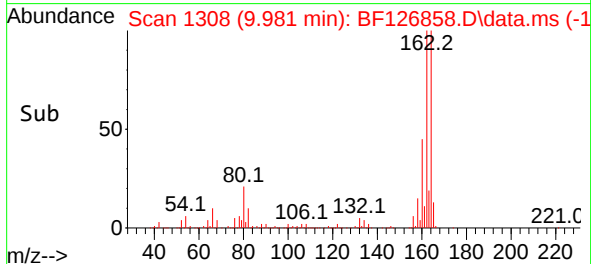
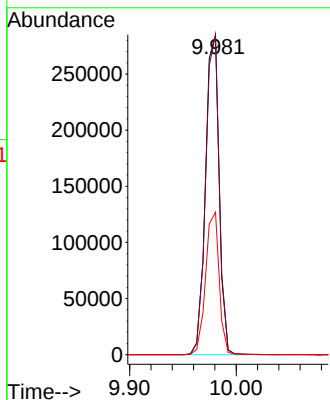
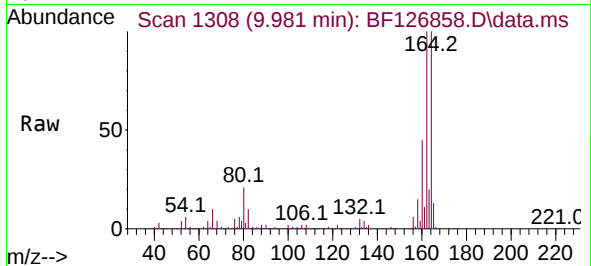




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

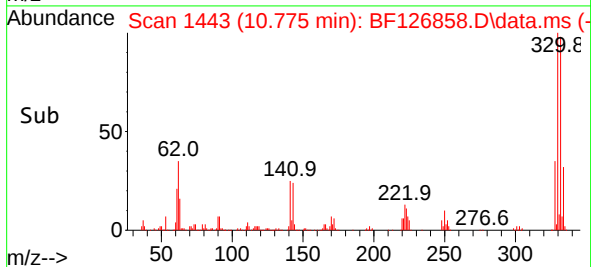
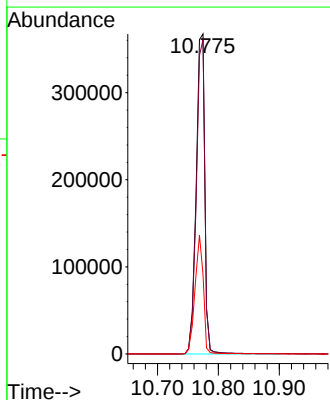
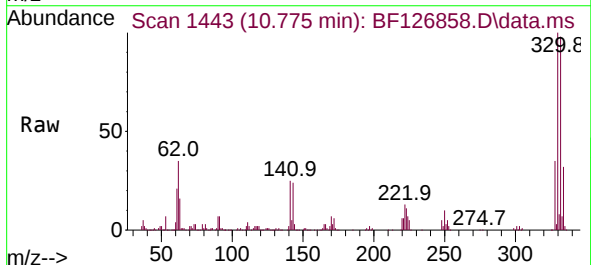
Instrument :
BNA_F
ClientSampleId :
20220087-AMENDED-BERKELEY-7-COMP

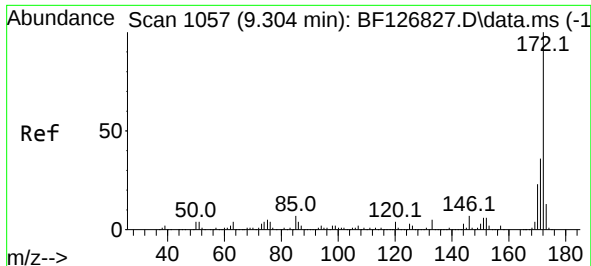
Tgt Ion:164 Resp: 253866
Ion Ratio Lower Upper
164 100
162 100.2 80.9 121.3
160 44.6 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 133.229 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Tgt Ion:330 Resp: 362599
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.4
141 35.8 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 78.869 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126858.D

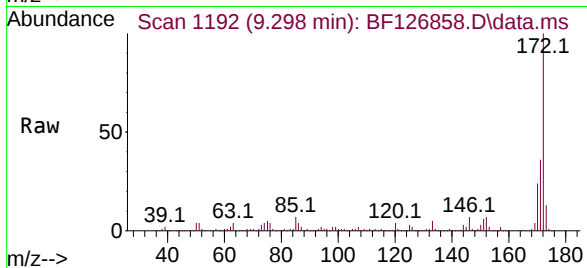
Acq: 11 Feb 2022 15:35

Instrument :

BNA_F

ClientSampleId :

20220087-AMENDED-BERKELEY-7-COMP



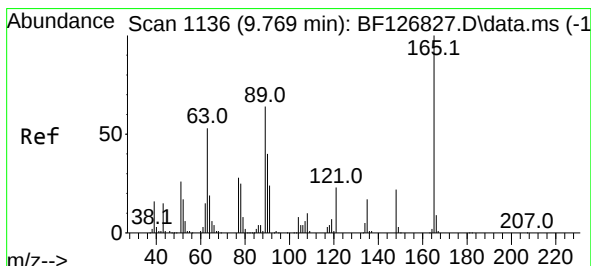
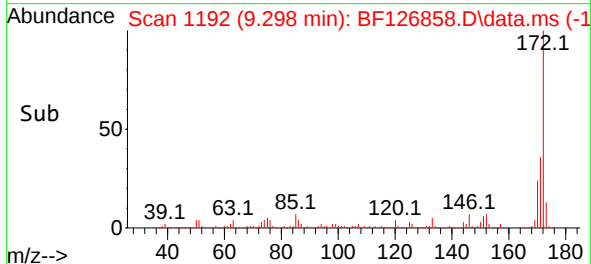
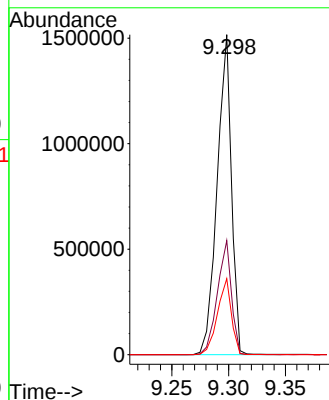
Tgt Ion:172 Resp: 1330117

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.765 ng

RT: 9.981 min Scan# 1308

Delta R.T. 0.212 min

Lab File: BF126858.D

Acq: 11 Feb 2022 15:35

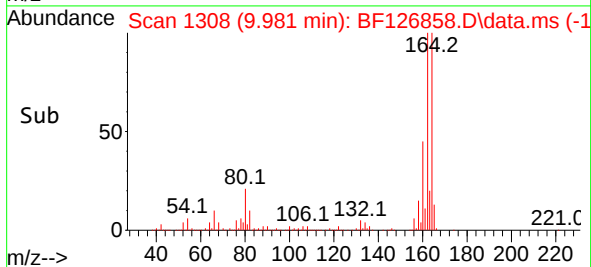
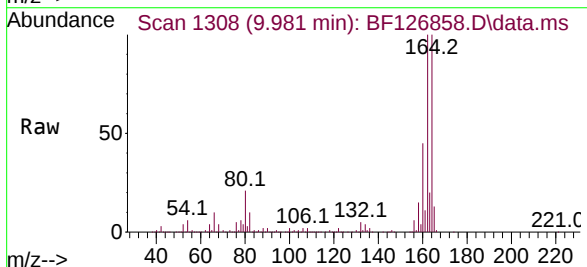
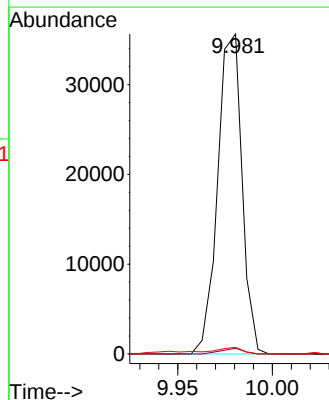
Tgt Ion:165 Resp: 31879

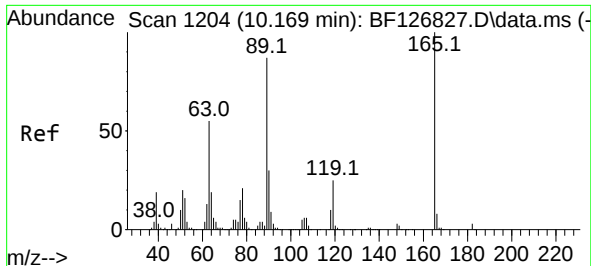
Ion Ratio Lower Upper

165 100

63 1.8 49.9 74.9#

89 2.1 51.0 76.4#



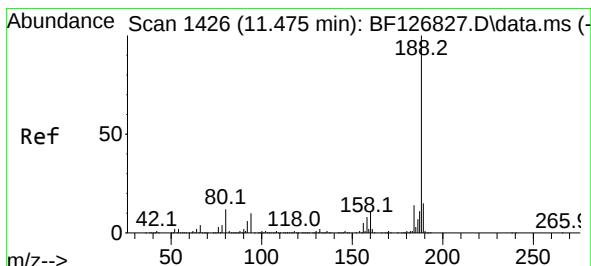
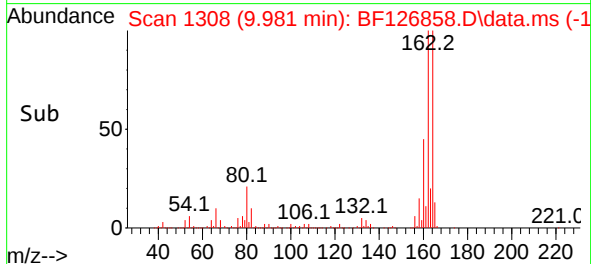
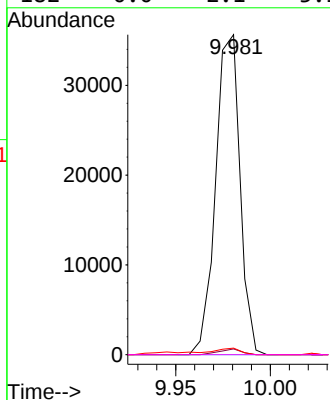
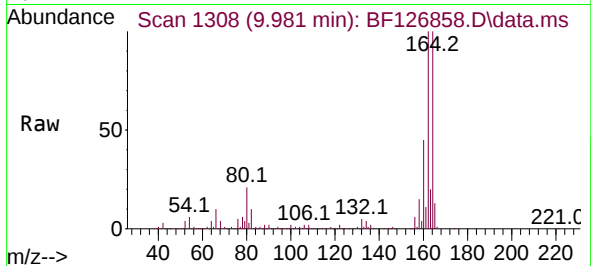


#57
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.981 min Scan# 1561
Delta R.T. -0.188 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Instrument : BNA_F
ClientSampleId : 20220087-AMENDED-BERKELEY-7-COMP

Tgt Ion:165 Resp: 31879

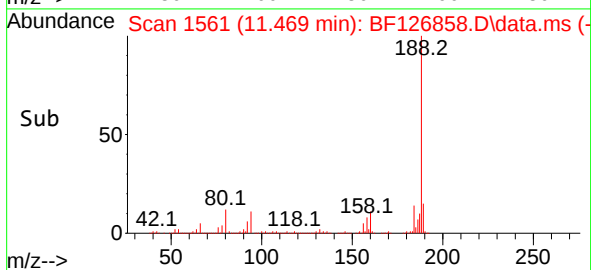
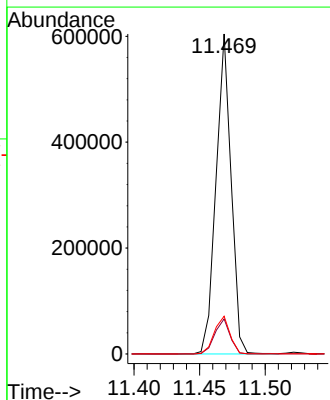
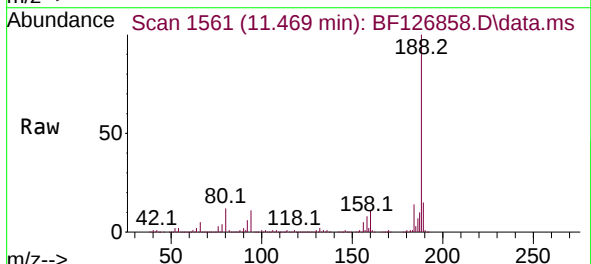
Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.9	65.9#
89	2.1	69.8	104.8#
182	0.0	2.1	3.1#

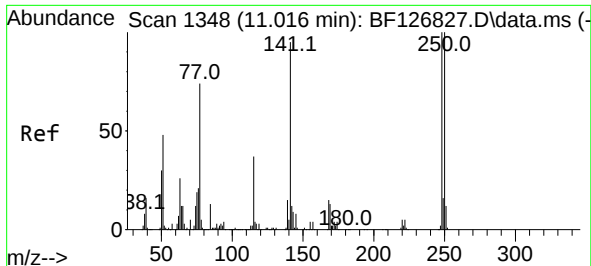


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Tgt Ion:188 Resp: 481908

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.1	12.1
80	11.8	9.5	14.3

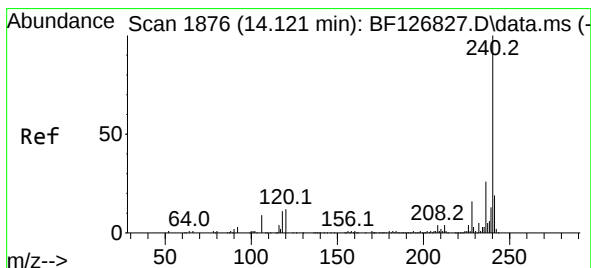
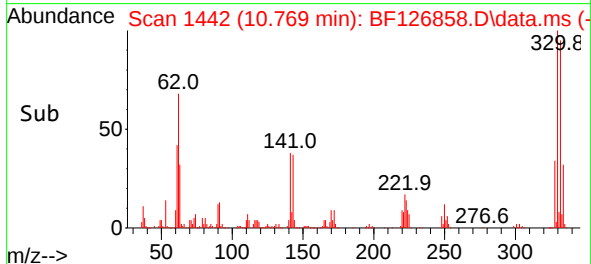
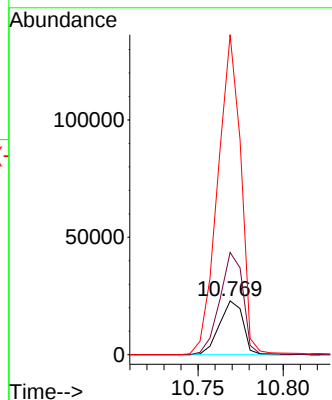
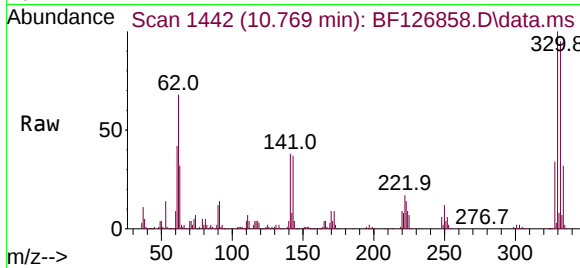




#67
4-Bromophenyl-phenylether
Concen: 4.186 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

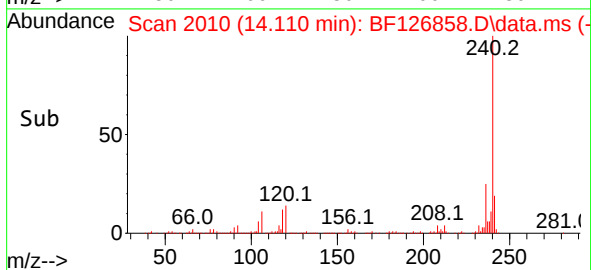
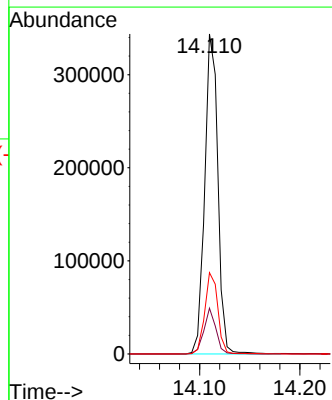
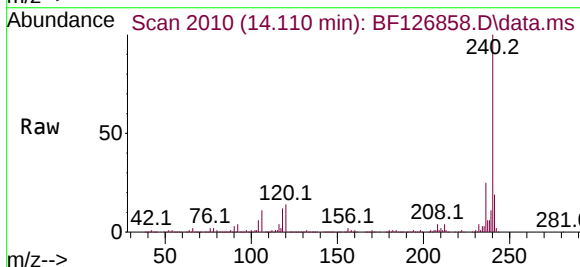
Instrument :
BNA_F
ClientSampleId :
20220087-AMENDED-BERKELEY-7-COMP

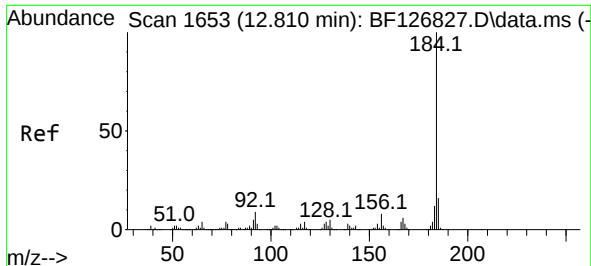
Tgt Ion:248 Resp: 21923
Ion Ratio Lower Upper
248 100
250 190.0 80.0 120.0#
141 594.8 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

Tgt Ion:240 Resp: 314703
Ion Ratio Lower Upper
240 100
120 14.3 9.8 14.6
236 25.4 20.5 30.7

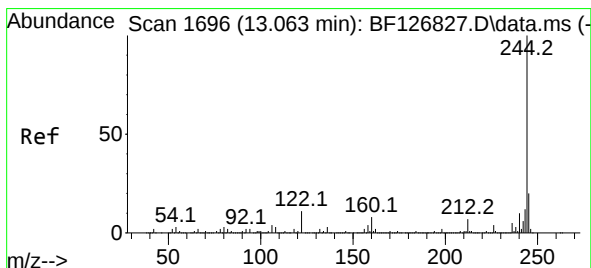
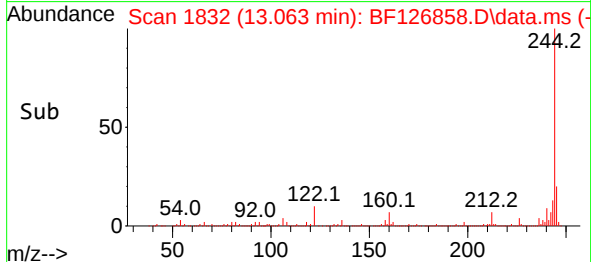
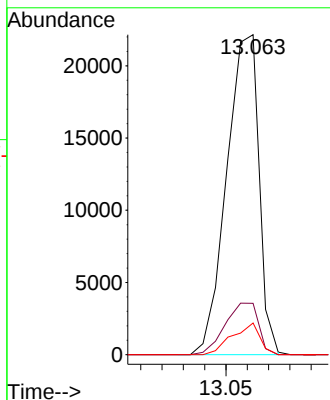
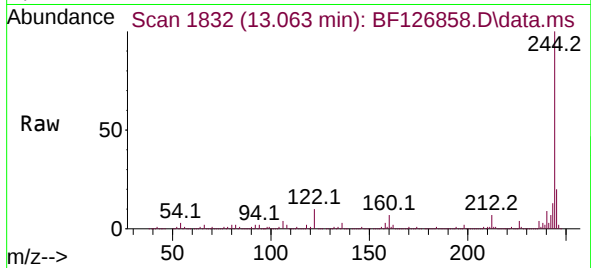




#77
Benzidine
Concen: 2.819 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

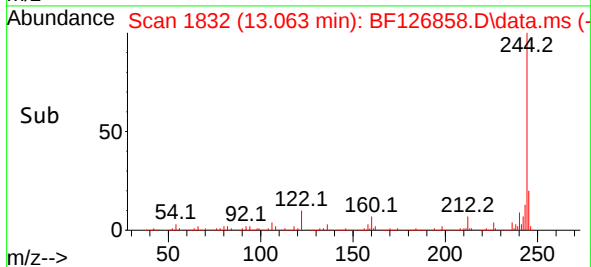
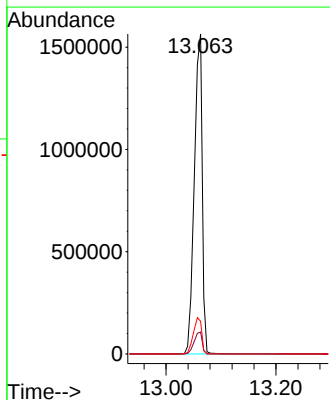
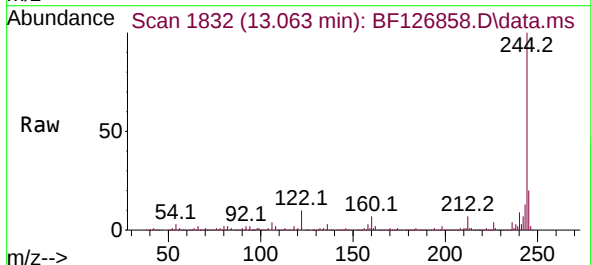
Instrument :
BNA_F
ClientSampleId :
20220087-AMENDED-BERKELEY-7-COMP

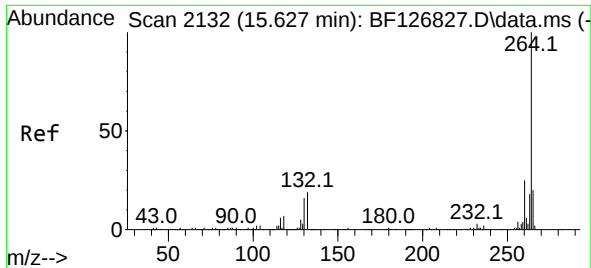
Tgt Ion:184 Resp: 23343
Ion Ratio Lower Upper
184 100
185 16.1 12.5 18.7
183 9.9 9.6 14.4



#79
Terphenyl-d14
Concen: 71.061 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF126858.D
Acq: 11 Feb 2022 15:35

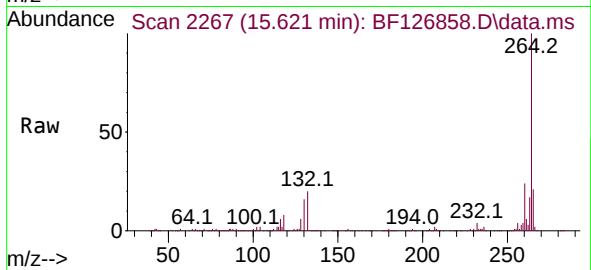
Tgt Ion:244 Resp: 1559965
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.2 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126858.D
 Acq: 11 Feb 2022 15:35

Instrument :
 BNA_F
 ClientSampleId :
 20220087-AMENDED-BERKELEY-7-COMP



Tgt Ion:264 Resp: 235746
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.7 15.9 23.9

