

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126872.D
 Acq On : 14 Feb 2022 15:46
 Operator : CG\JU
 Sample : N1477-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220088-AMENDED-BERKELEY-8-COMP

Quant Time: Feb 15 00:59:40 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)

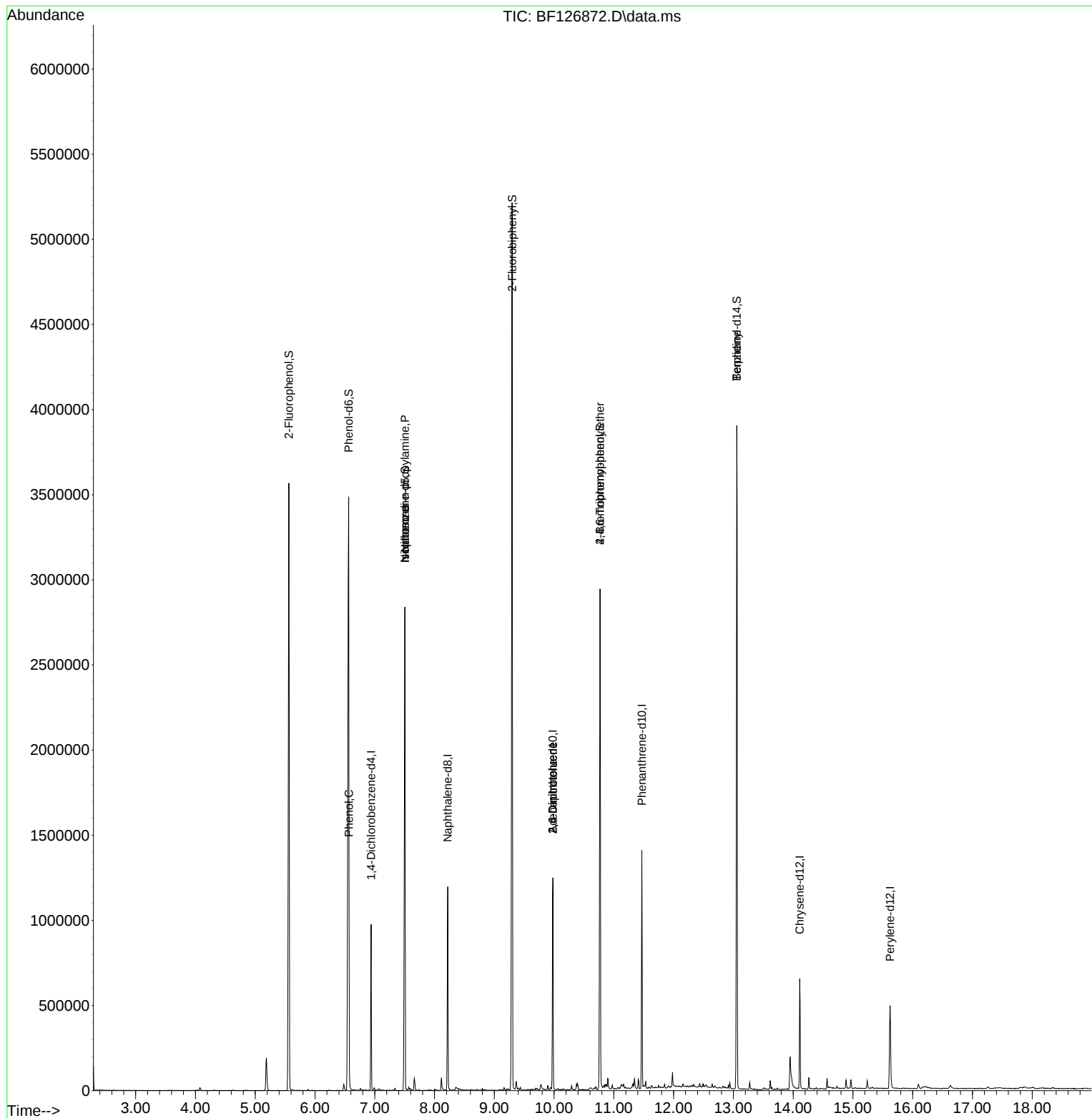
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	116975	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	478977	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	250553	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	426018	20.000	ng	0.00
76) Chrysene-d12	14.109	240	203344	20.000	ng	-0.01
86) Perylene-d12	15.621	264	205688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	998394	131.411	ng	0.00
7) Phenol-d6	6.563	99	1367820	133.361	ng	0.00
23) Nitrobenzene-d5	7.504	82	975264	93.947	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	341910	127.288	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1485796	89.265	ng	0.00
79) Terphenyl-d14	13.057	244	1347713	95.013	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.569	94	29246	2.829	ng	# 42
19) n-Nitroso-di-n-propyla...	7.504	70	134847	20.762	ng	# 77
25) Isophorone	7.504	82	975250	56.074	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	31425	8.754	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	31425	6.621	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	19974	4.314	ng	# 1
77) Benzidine	13.057	184	20559	3.842	ng	# 94

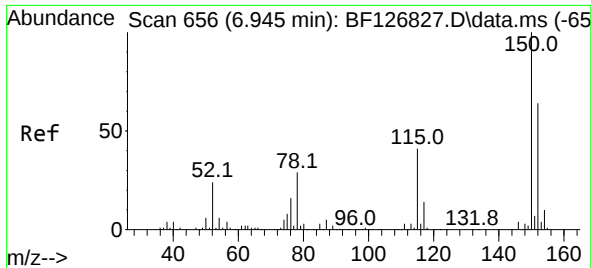
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
Data File : BF126872.D
Acq On : 14 Feb 2022 15:46
Operator : CG\JU
Sample : N1477-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

Quant Time: Feb 15 00:59:40 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

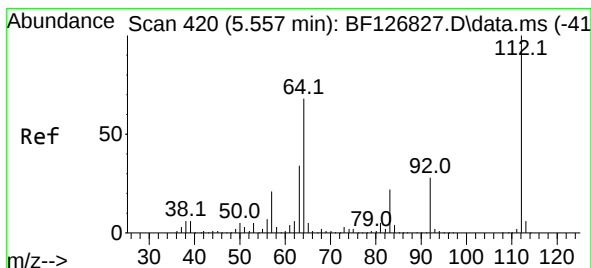
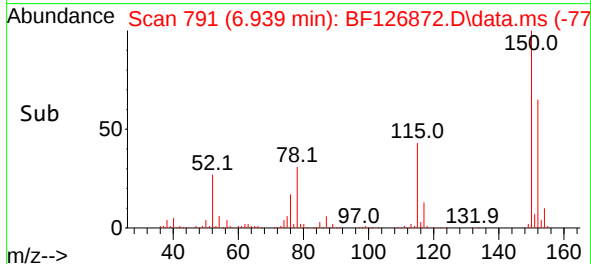
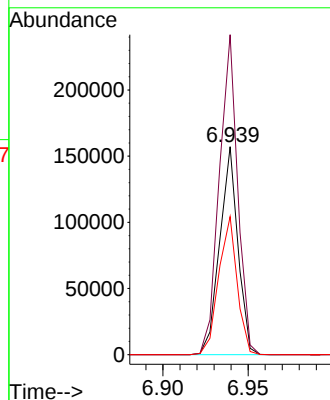
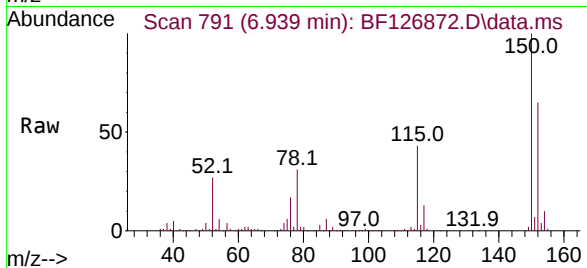




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

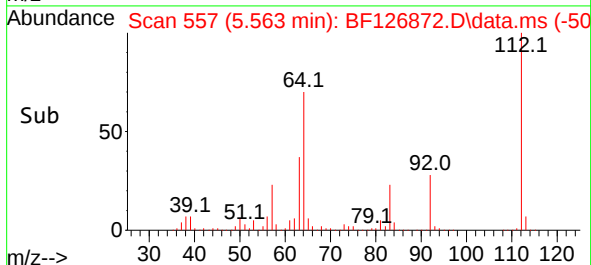
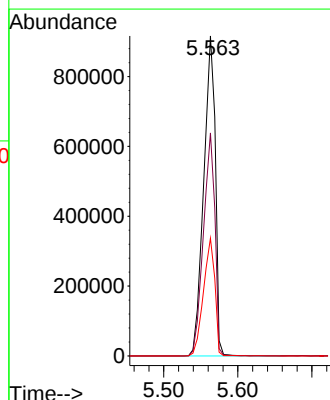
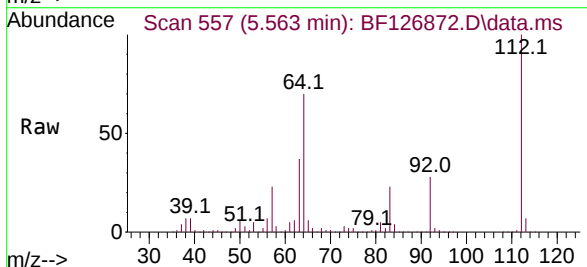
Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

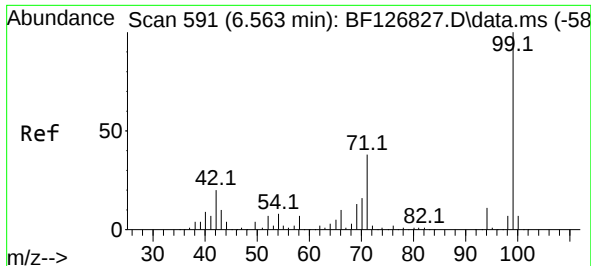
Tgt Ion:152 Resp: 116975
Ion Ratio Lower Upper
152 100
150 153.9 124.3 186.5
115 66.4 50.5 75.7



#5
2-Fluorophenol
Concen: 131.411 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

Tgt Ion:112 Resp: 998394
Ion Ratio Lower Upper
112 100
64 69.7 54.3 81.5
63 36.8 27.5 41.3





#7

Phenol-d6

Concen: 133.361 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126872.D

Acq: 14 Feb 2022 15:46

Instrument :

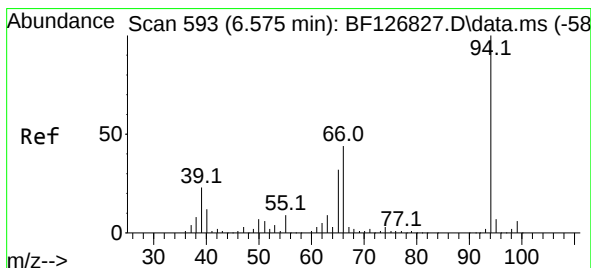
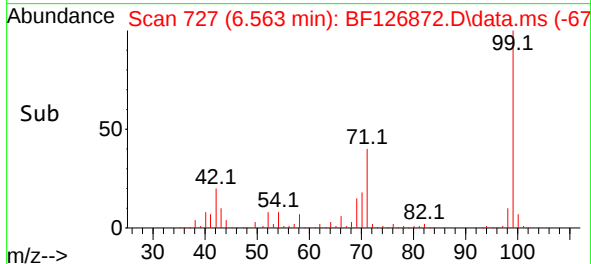
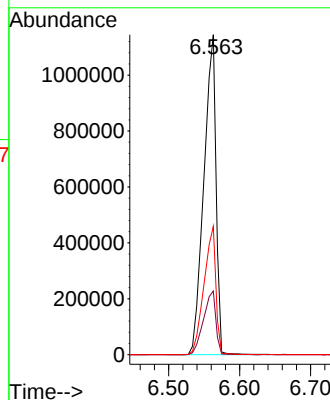
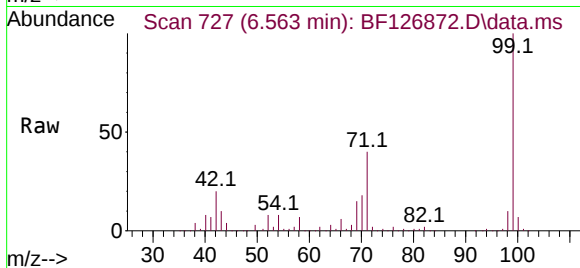
BNA_F

ClientSampleId :

20220088-AMENDED-BERKELEY-8-COMP

Tgt Ion: 99 Resp: 1367820

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	40.1	30.6	45.8



#10

Phenol

Concen: 2.829 ng

RT: 6.569 min Scan# 728

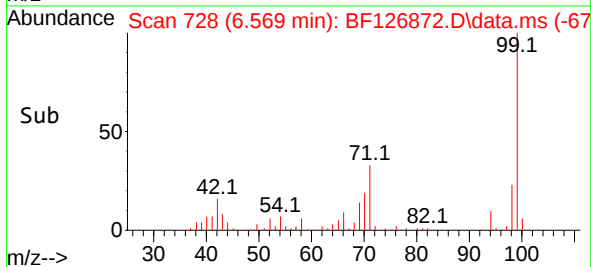
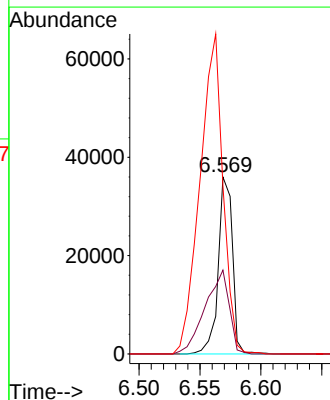
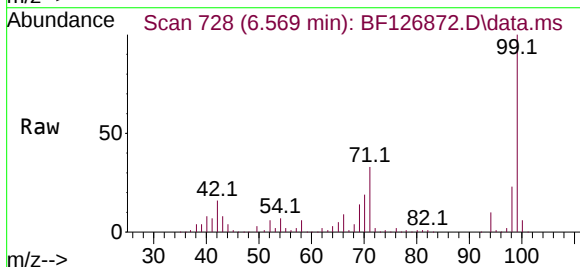
Delta R.T. -0.006 min

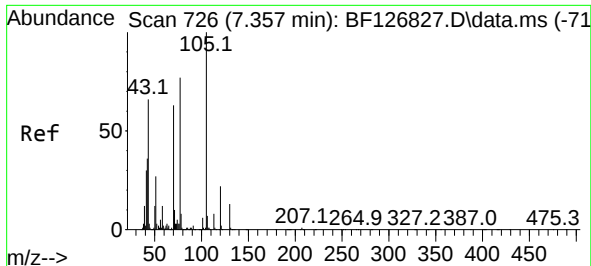
Lab File: BF126872.D

Acq: 14 Feb 2022 15:46

Tgt Ion: 94 Resp: 29246

Ion	Ratio	Lower	Upper
94	100		
65	47.4	12.1	52.1
66	95.0	23.6	63.6

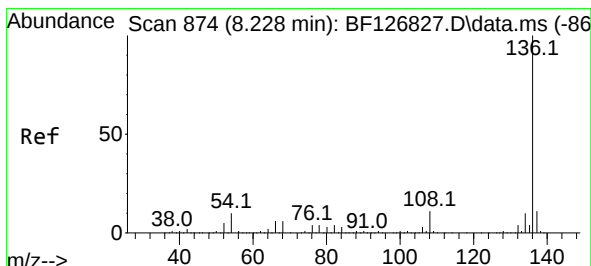
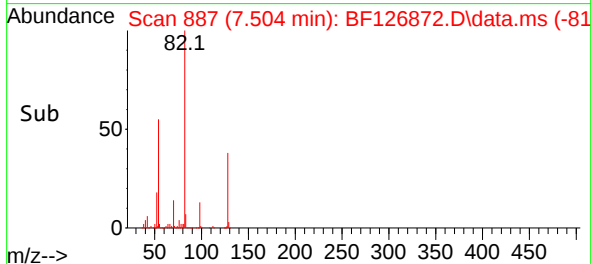
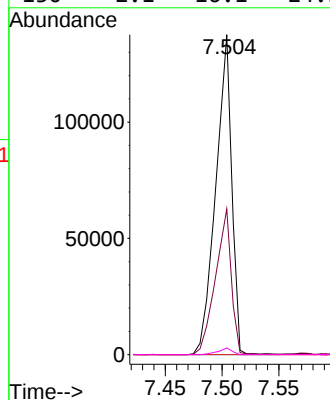
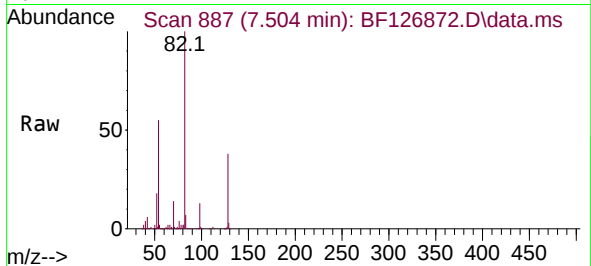




#19
n-Nitroso-di-n-propylamine
Concen: 20.762 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

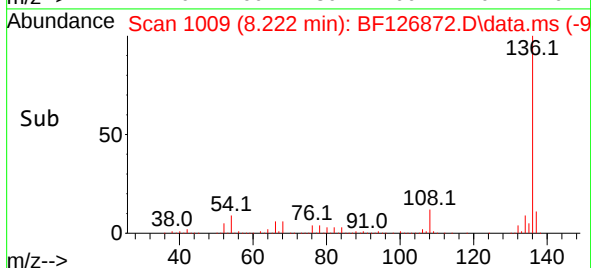
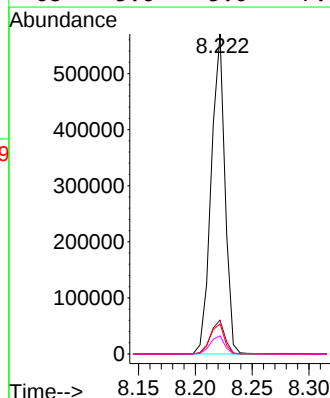
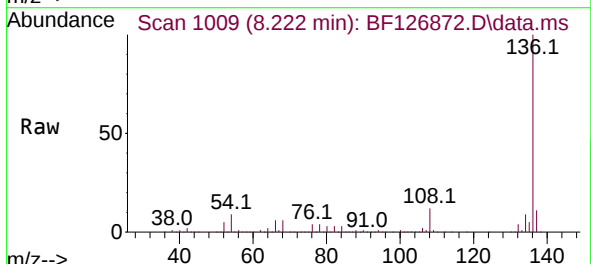
Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

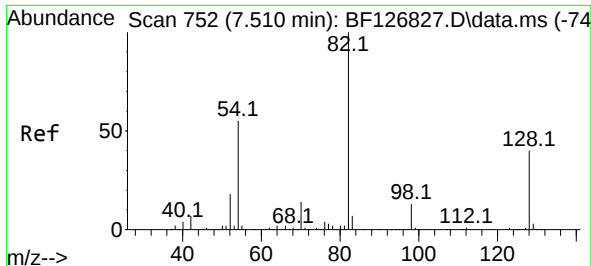
Tgt Ion: 70 Resp: 134847
Ion Ratio Lower Upper
70 100
42 45.6 46.3 69.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

Tgt Ion:136 Resp: 478977
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.4 8.0 12.0
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.947 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126872.D

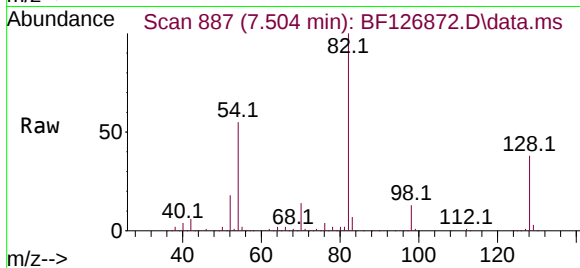
Acq: 14 Feb 2022 15:46

Instrument :

BNA_F

ClientSampleId :

20220088-AMENDED-BERKELEY-8-COMP



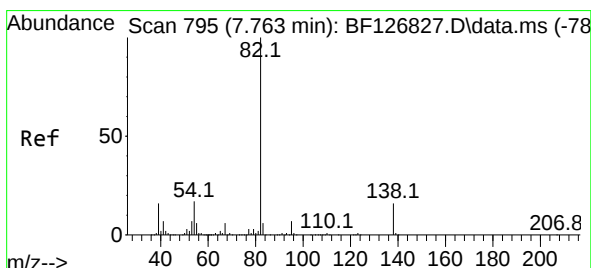
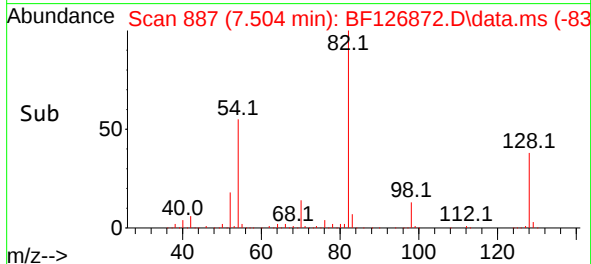
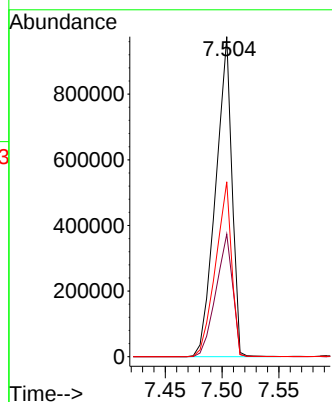
Tgt Ion: 82 Resp: 975264

Ion Ratio Lower Upper

82 100

128 38.3 31.6 47.4

54 54.7 43.7 65.5



#25

Isophorone

Concen: 56.074 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF126872.D

Acq: 14 Feb 2022 15:46

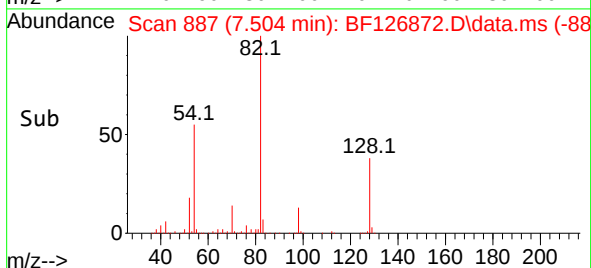
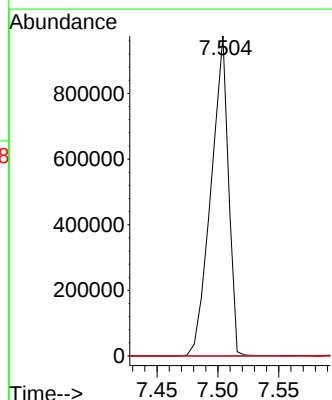
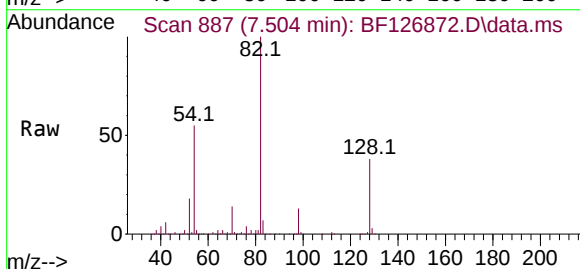
Tgt Ion: 82 Resp: 975250

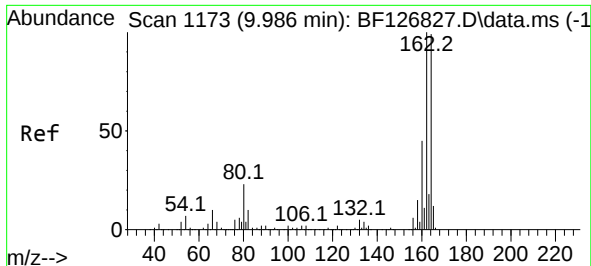
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#

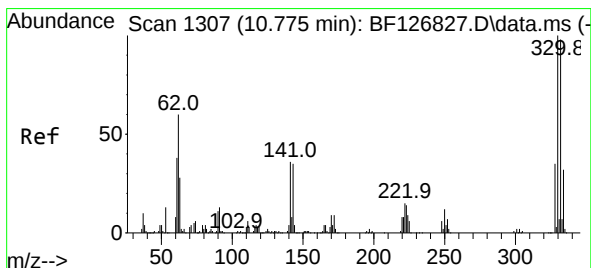
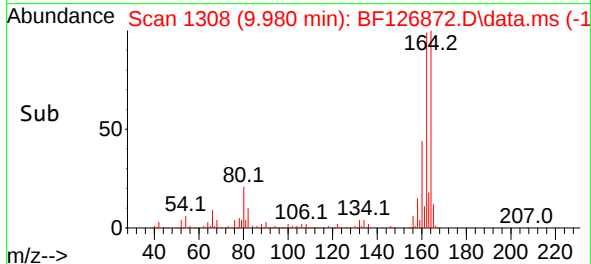
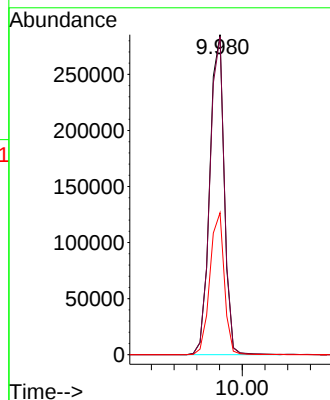
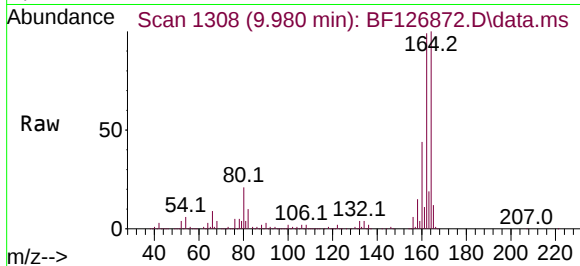




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

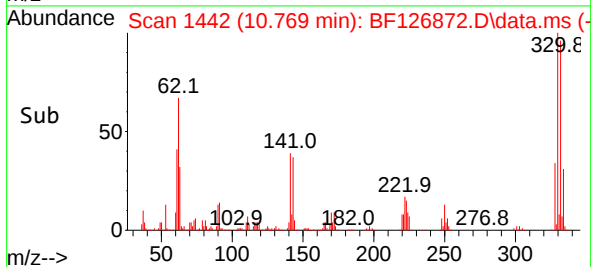
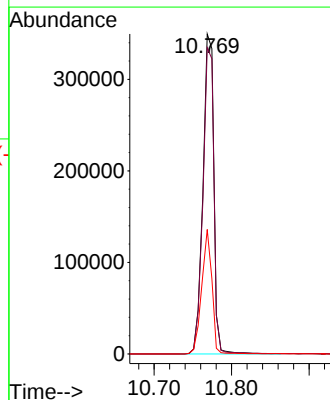
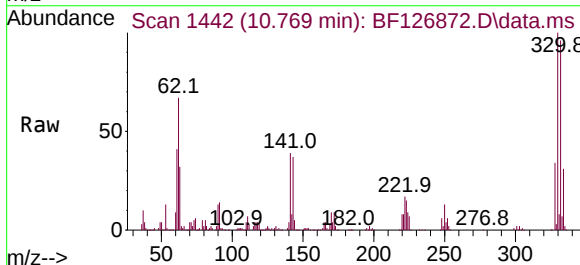
Instrument : BNA_F
ClientSampleId : 20220088-AMENDED-BERKELEY-8-COMP

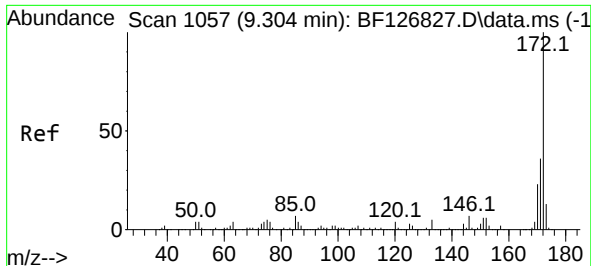
Tgt Ion:164 Resp: 250553
Ion Ratio Lower Upper
164 100
162 99.4 80.9 121.3
160 44.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 127.288 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

Tgt Ion:330 Resp: 341910
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 36.4 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 89.265 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126872.D

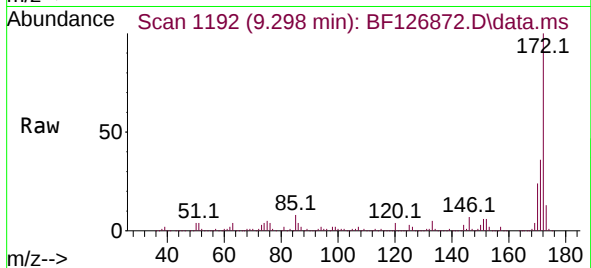
Acq: 14 Feb 2022 15:46

Instrument :

BNA_F

ClientSampleId :

20220088-AMENDED-BERKELEY-8-COMP



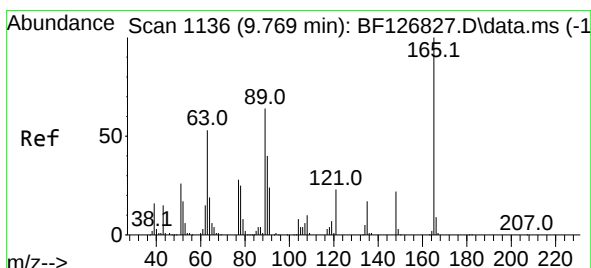
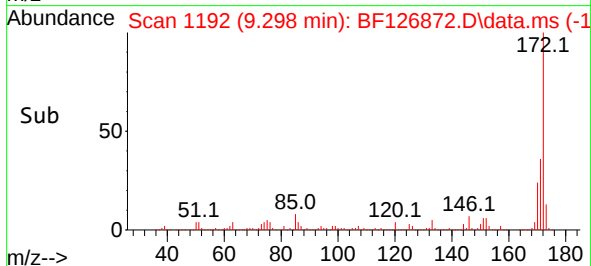
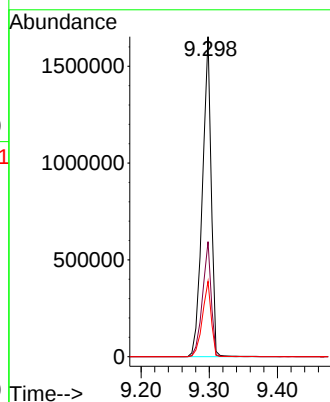
Tgt Ion:172 Resp: 1485796

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.6 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.754 ng

RT: 9.980 min Scan# 1308

Delta R.T. 0.211 min

Lab File: BF126872.D

Acq: 14 Feb 2022 15:46

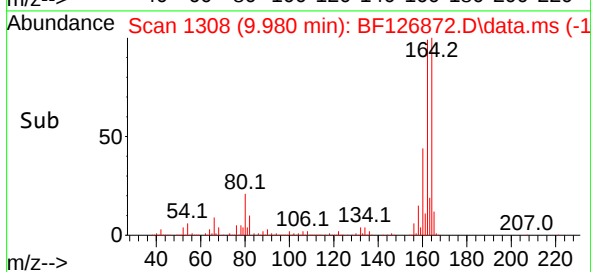
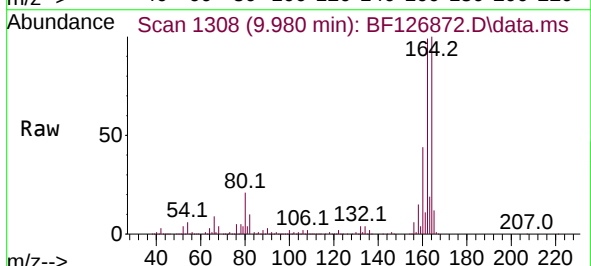
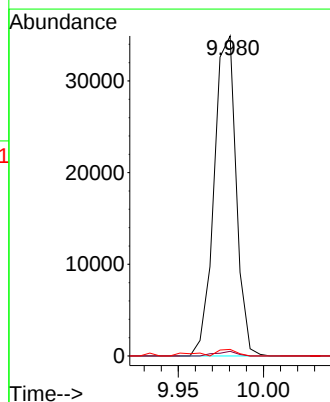
Tgt Ion:165 Resp: 31425

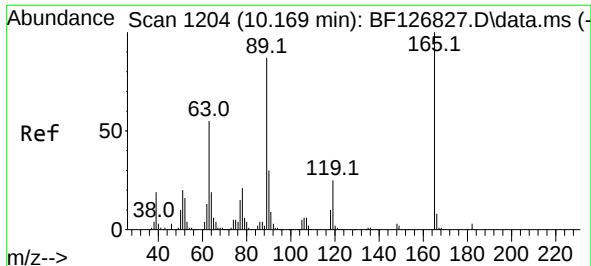
Ion Ratio Lower Upper

165 100

63 1.5 49.9 74.9#

89 2.1 51.0 76.4#

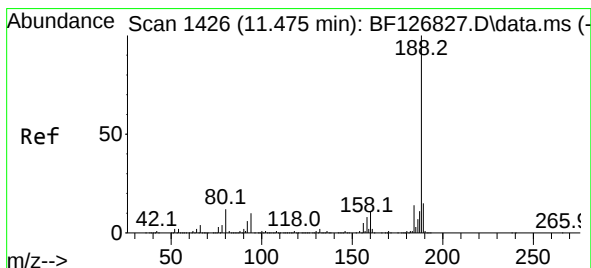
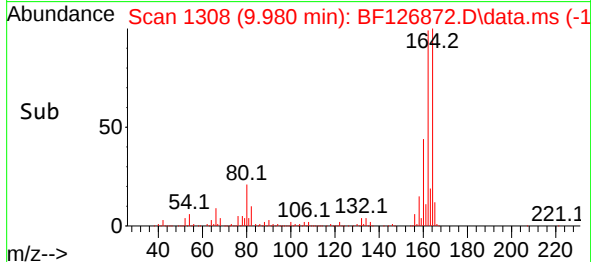
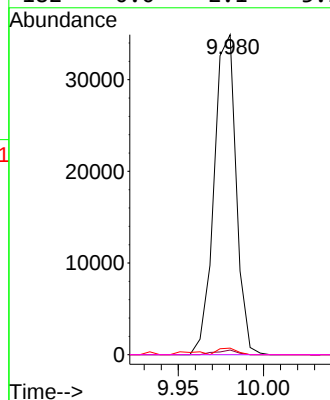
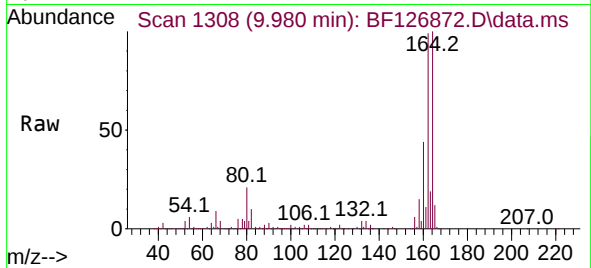




#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

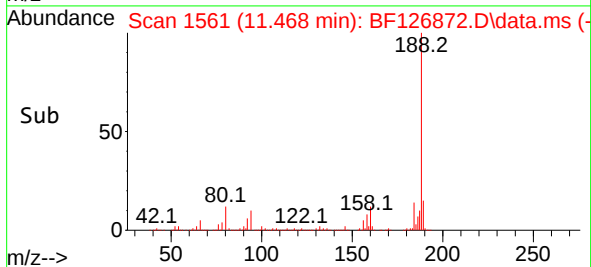
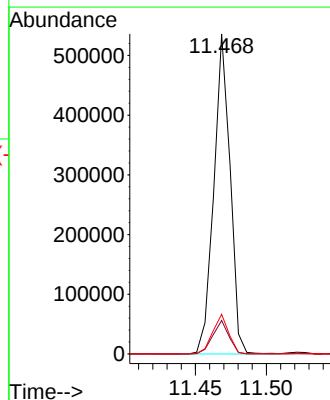
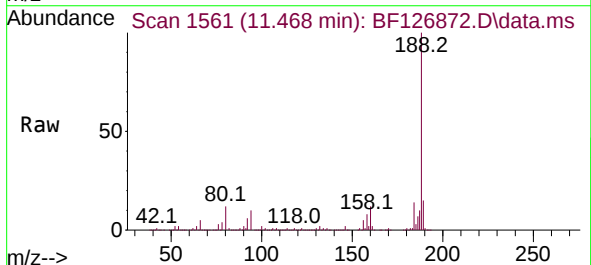
Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

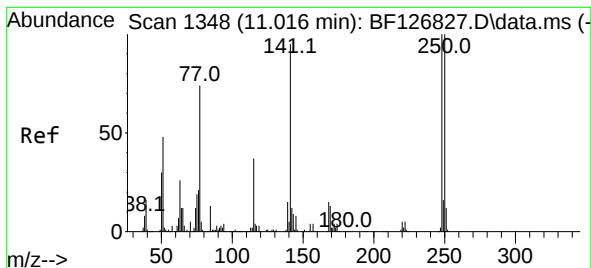
Tgt Ion:165 Resp: 31425
Ion Ratio Lower Upper
165 100
63 1.5 43.9 65.9#
89 2.1 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

Tgt Ion:188 Resp: 426018
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.4 9.5 14.3

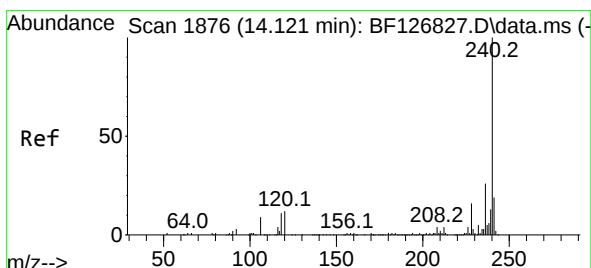
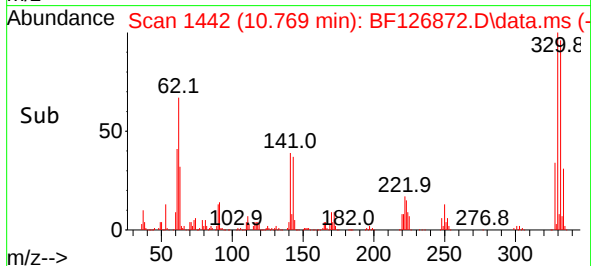
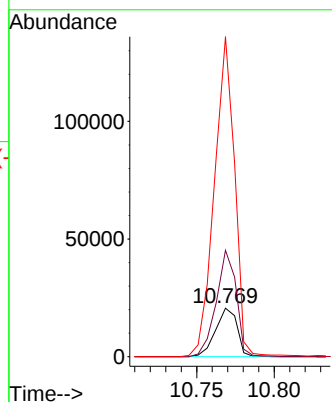
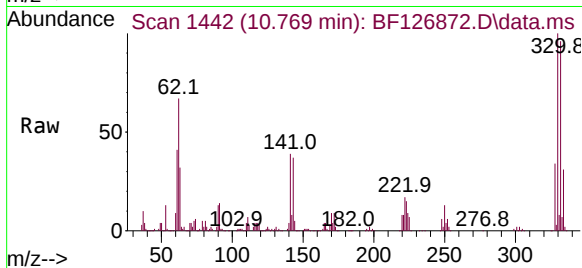




#67
4-Bromophenyl-phenylether
Concen: 4.314 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

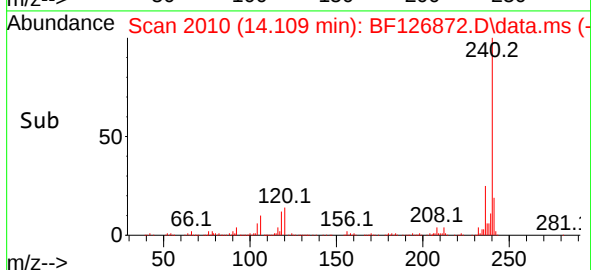
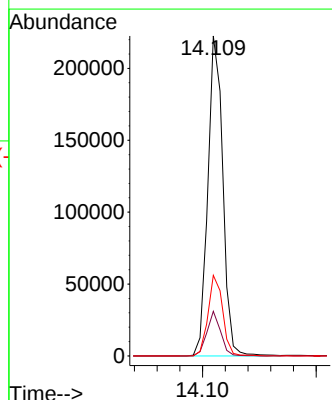
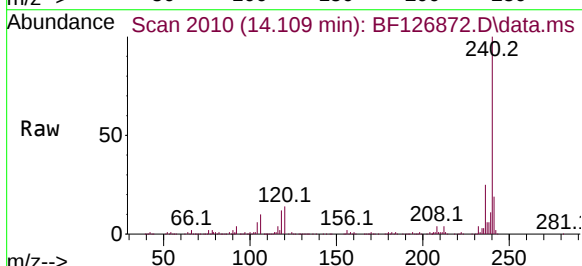
Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

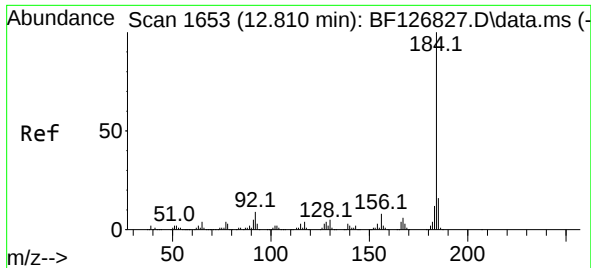
Tgt Ion:248 Resp: 19974
Ion Ratio Lower Upper
248 100
250 219.2 80.0 120.0#
141 659.4 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

Tgt Ion:240 Resp: 203344
Ion Ratio Lower Upper
240 100
120 14.0 9.8 14.6
236 25.2 20.5 30.7

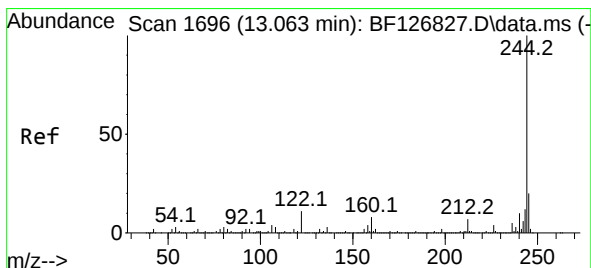
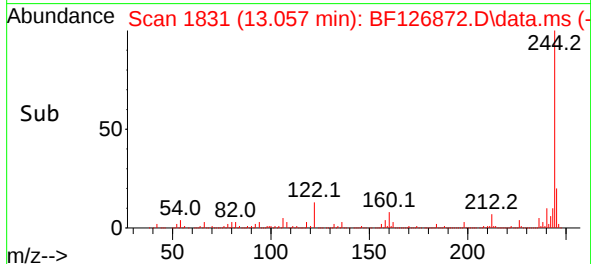
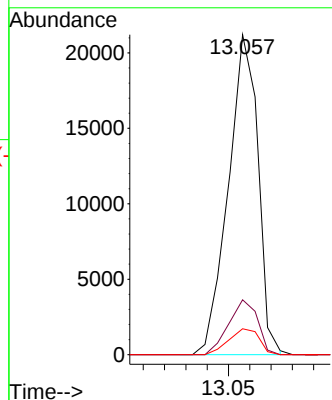
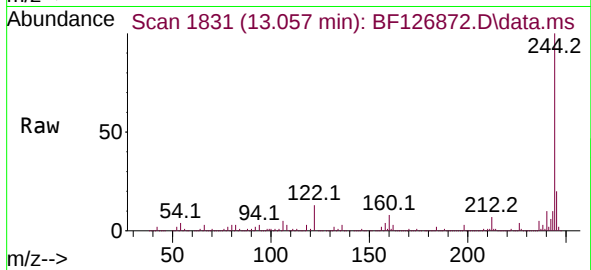




#77
Benzidine
Concen: 3.842 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

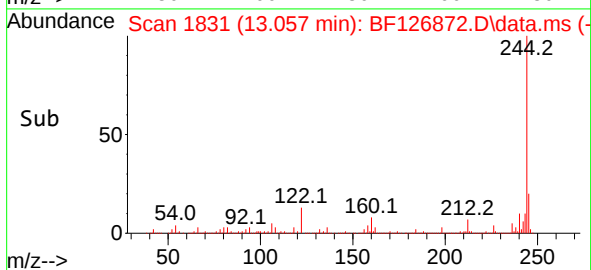
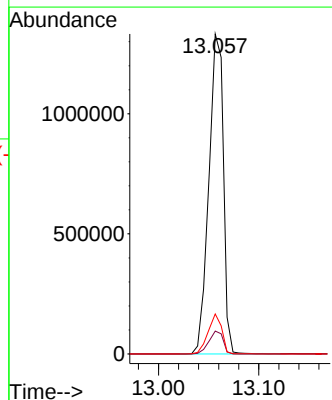
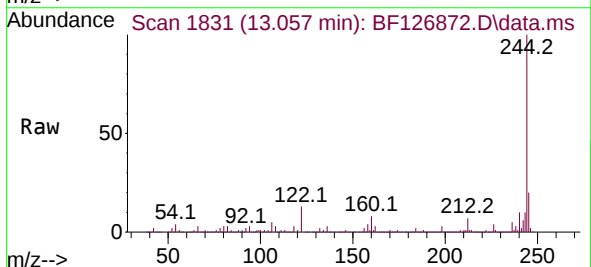
Instrument :
BNA_F
ClientSampleId :
20220088-AMENDED-BERKELEY-8-COMP

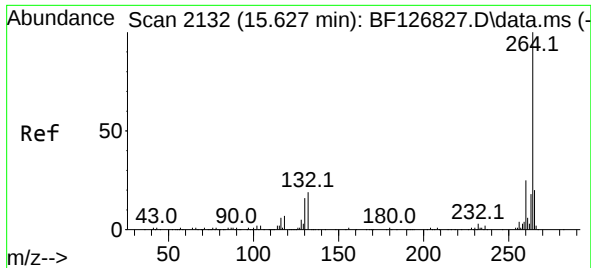
Tgt Ion:184 Resp: 20559
Ion Ratio Lower Upper
184 100
185 17.1 12.5 18.7
183 8.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 95.013 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF126872.D
Acq: 14 Feb 2022 15:46

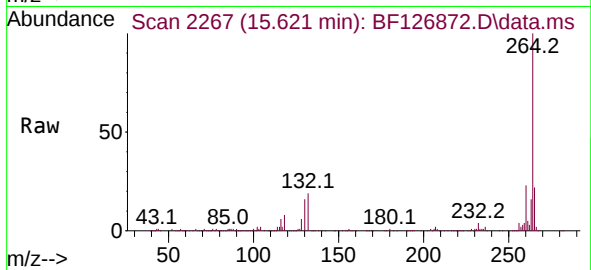
Tgt Ion:244 Resp: 1347713
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126872.D
 Acq: 14 Feb 2022 15:46

Instrument :
 BNA_F
 ClientSampleId :
 20220088-AMENDED-BERKELEY-8-COMP



Tgt Ion:264 Resp: 205688
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 22.0 15.9 23.9

