

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126857.D
 Acq On : 11 Feb 2022 15:06
 Operator : CG\JU
 Sample : N1477-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220080-BERKELEY-8-COMP

Quant Time: Feb 11 22:42:31 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)

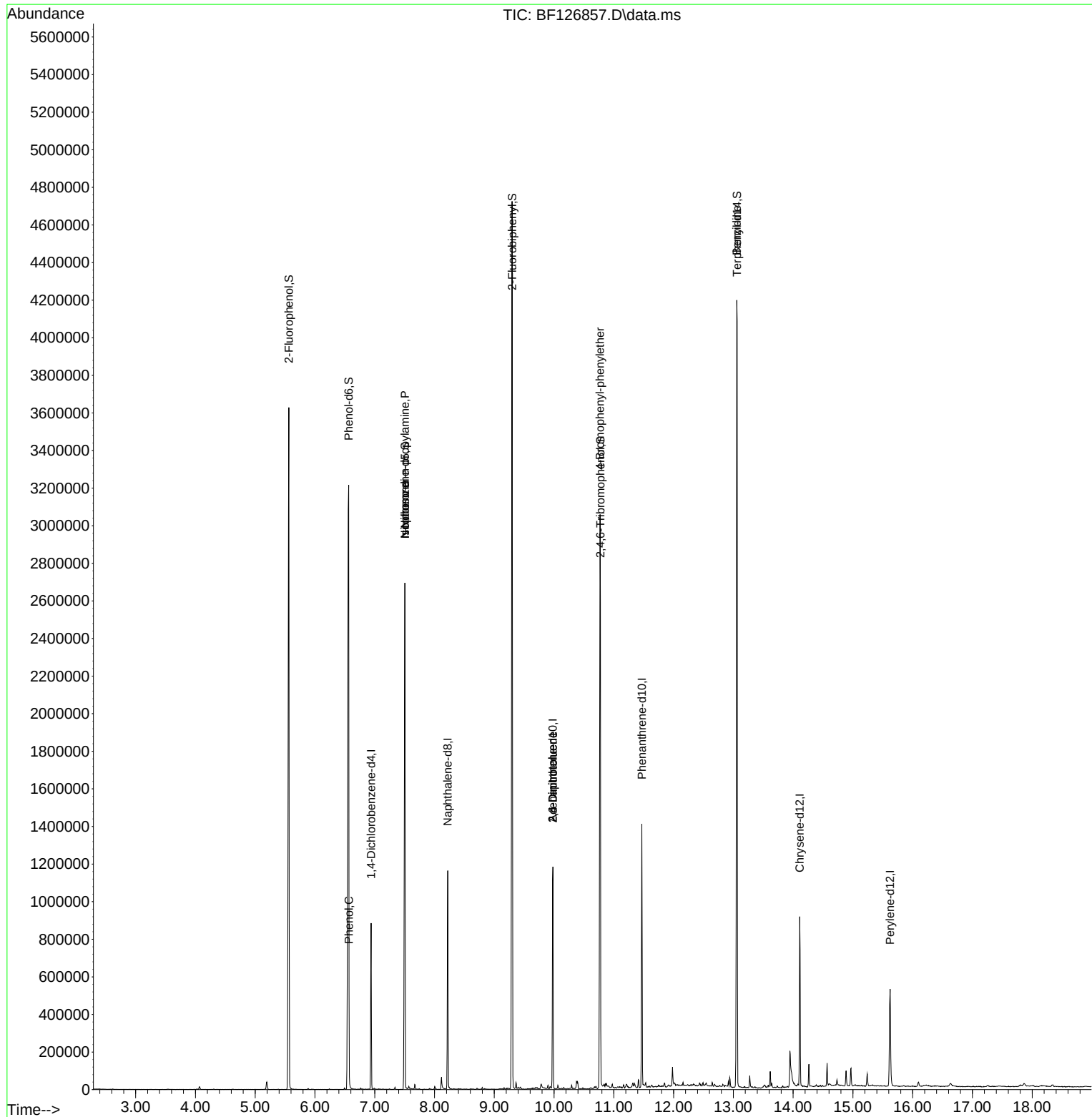
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	110132	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	451609	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	237409	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	429808	20.000	ng	0.00
76) Chrysene-d12	14.110	240	283360	20.000	ng	-0.01
86) Perylene-d12	15.621	264	221304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	979563	136.944	ng	0.00
7) Phenol-d6	6.563	99	1302139	134.846	ng	0.00
23) Nitrobenzene-d5	7.504	82	910731	93.048	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	372734	146.446	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1315747	83.425	ng	0.00
79) Terphenyl-d14	13.063	244	1533186	77.567	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.569	94	25629	2.633	ng	84
19) n-Nitroso-di-n-propyla...	7.504	70	123637	20.218	ng	# 78
25) Isophorone	7.504	82	910714	55.537	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	30731	9.035	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	30731	6.834	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	22672	4.854	ng	# 1
77) Benzidine	13.057	184	23165	3.107	ng	# 93

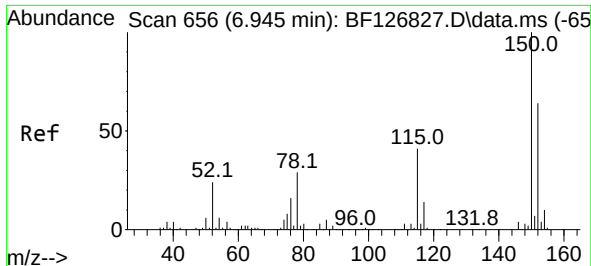
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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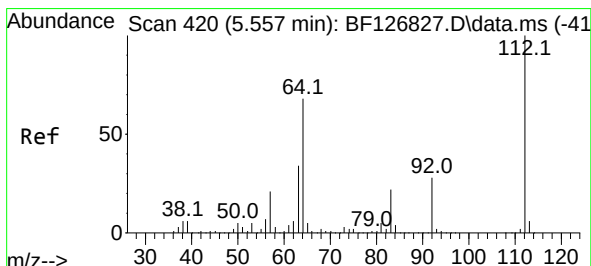
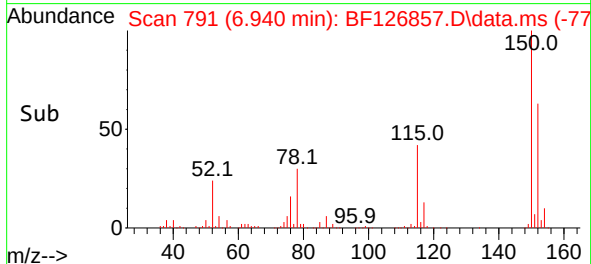
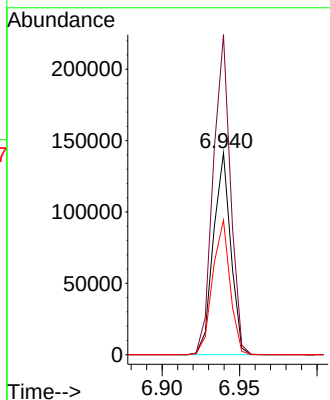
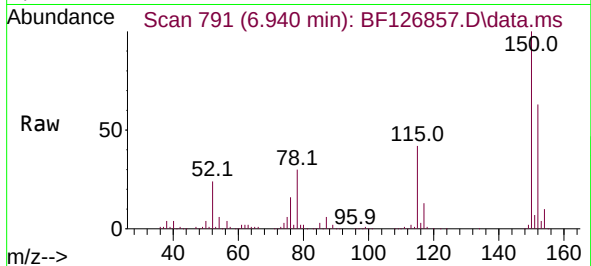




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

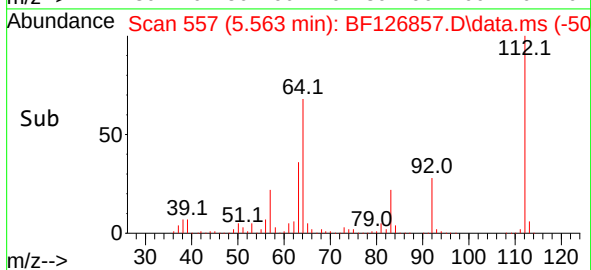
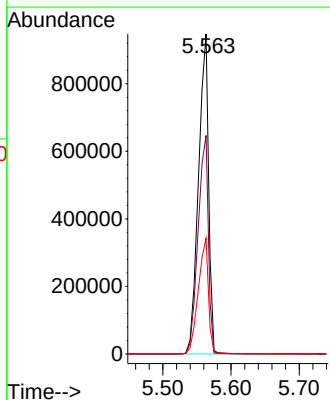
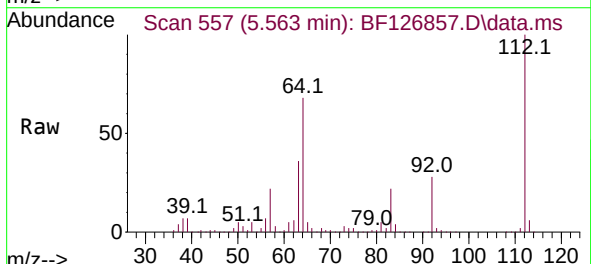
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

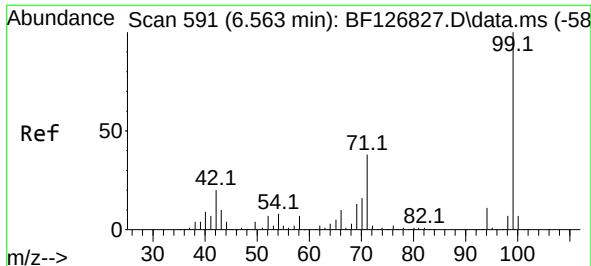
Tgt Ion:152 Resp: 110132
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 66.6 50.5 75.7



#5
2-Fluorophenol
Concen: 136.944 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:112 Resp: 979563
Ion Ratio Lower Upper
112 100
64 68.3 54.3 81.5
63 36.2 27.5 41.3





#7

Phenol-d6

Concen: 134.846 ng

RT: 6.563 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

Instrument :

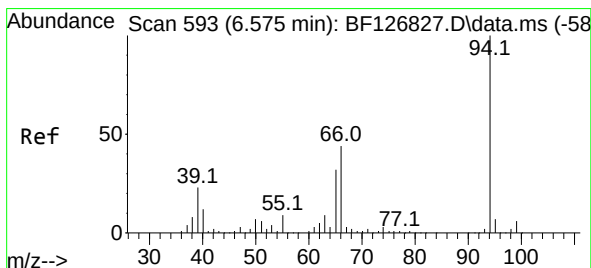
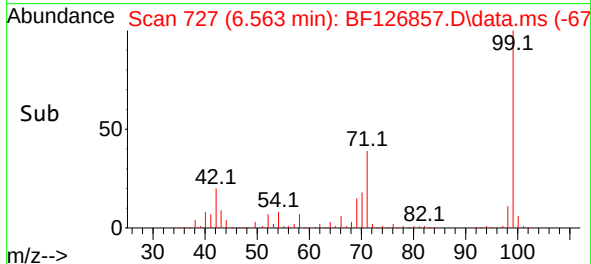
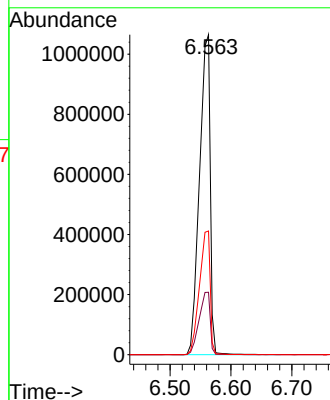
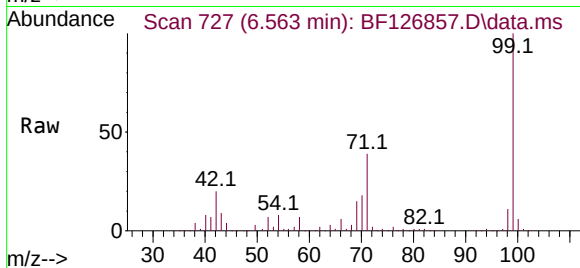
BNA_F

ClientSampleId :

20220080-BERKELEY-8-COMP

Tgt Ion: 99 Resp: 1302139

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	38.6	30.6	45.8



#10

Phenol

Concen: 2.633 ng

RT: 6.569 min Scan# 728

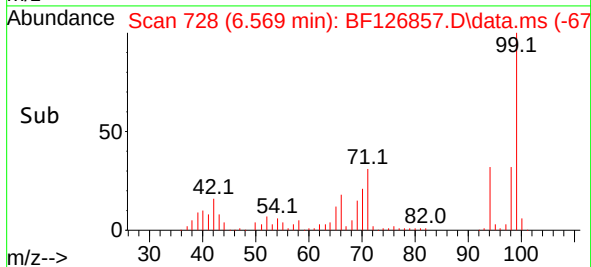
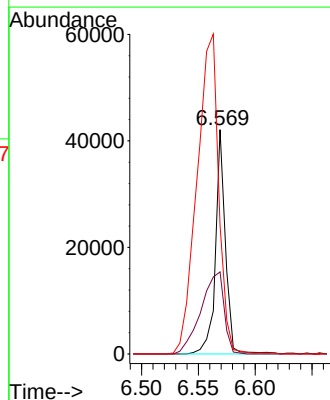
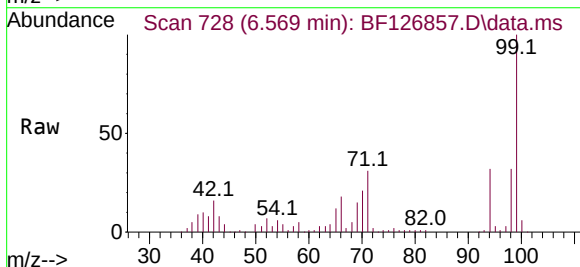
Delta R.T. -0.006 min

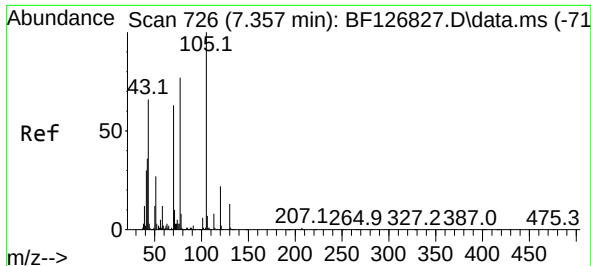
Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

Tgt Ion: 94 Resp: 25629

Ion	Ratio	Lower	Upper
94	100		
65	36.6	12.1	52.1
66	57.4	23.6	63.6

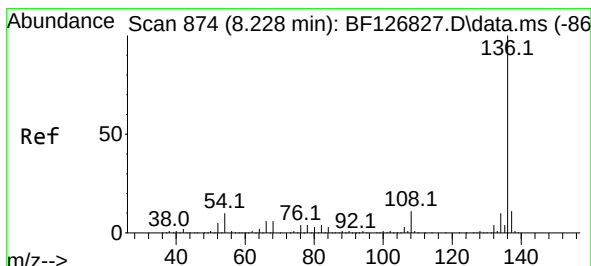
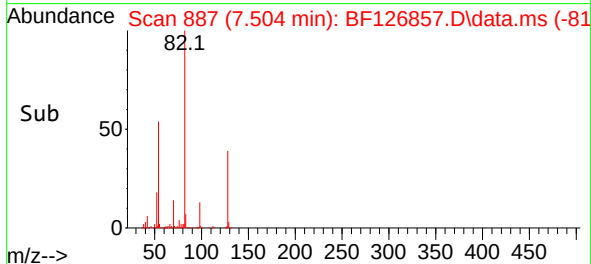
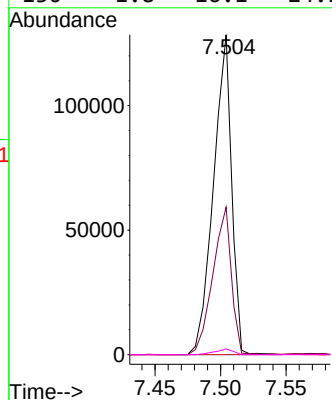
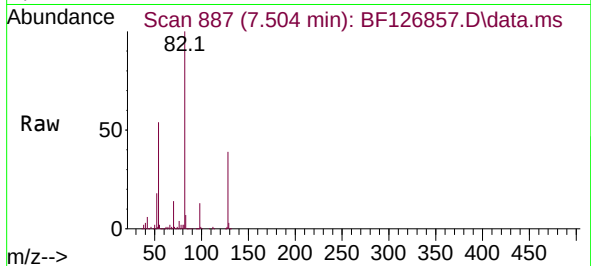




#19
n-Nitroso-di-n-propylamine
Concen: 20.218 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

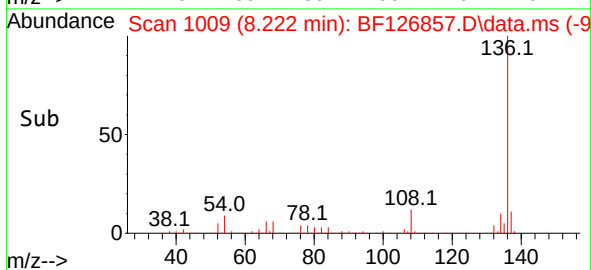
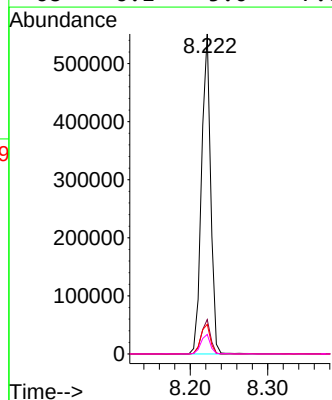
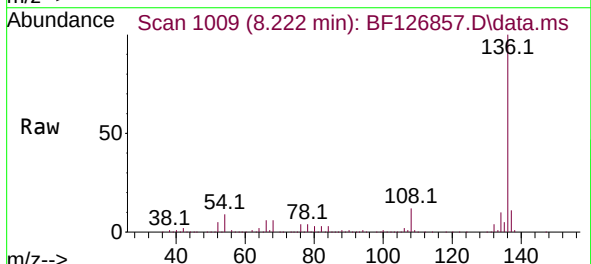
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

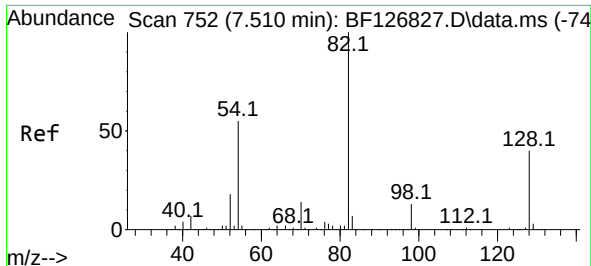
Tgt Ion: 70 Resp: 123637
Ion Ratio Lower Upper
70 100
42 46.1 46.3 69.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion: 136 Resp: 451609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 8.0 12.0
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.048 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

Instrument :

BNA_F

ClientSampleId :

20220080-BERKELEY-8-COMP

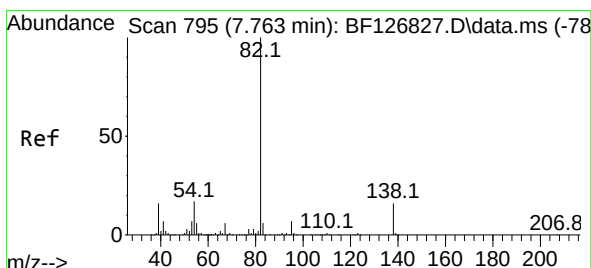
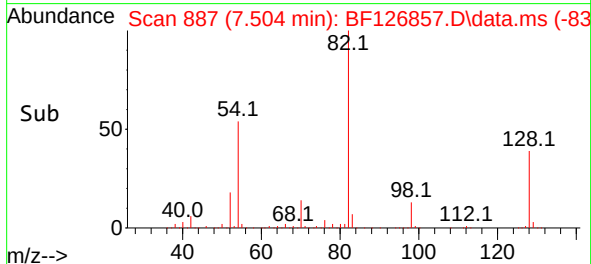
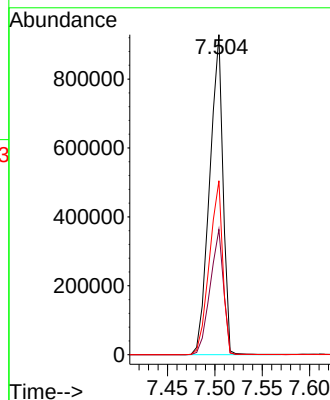
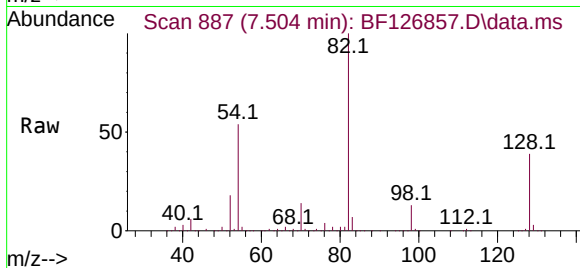
Tgt Ion: 82 Resp: 910731

Ion Ratio Lower Upper

82 100

128 39.1 31.6 47.4

54 54.3 43.7 65.5



#25

Isophorone

Concen: 55.537 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

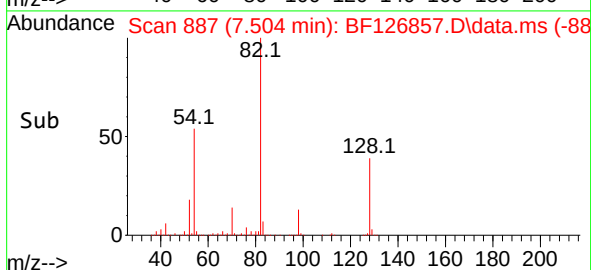
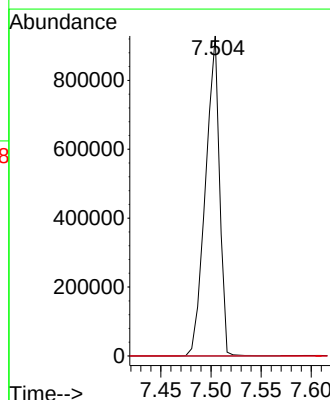
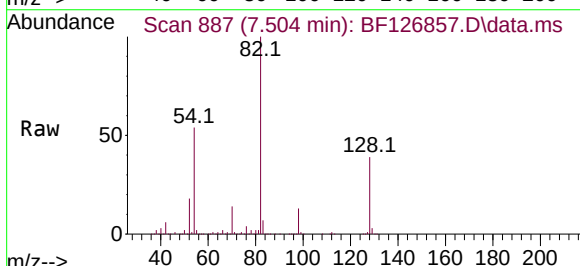
Tgt Ion: 82 Resp: 910714

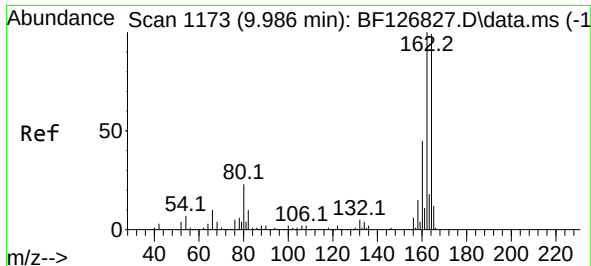
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#

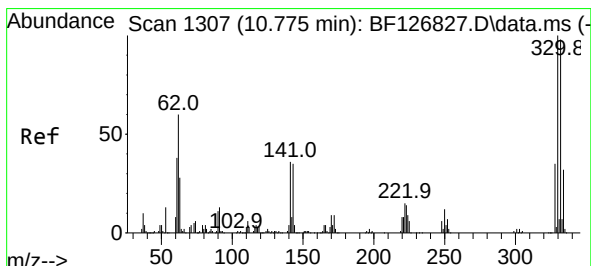
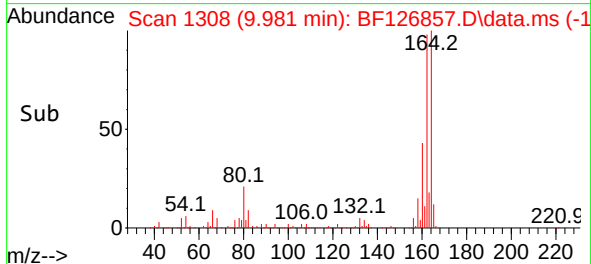
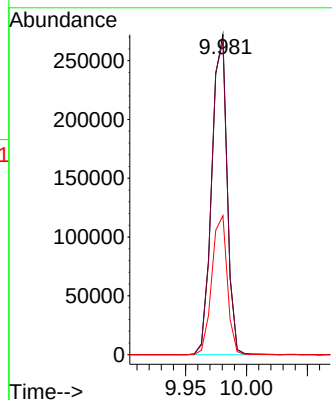
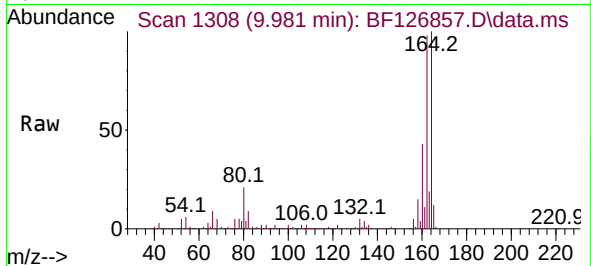




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

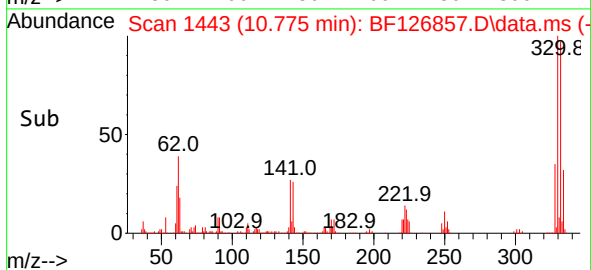
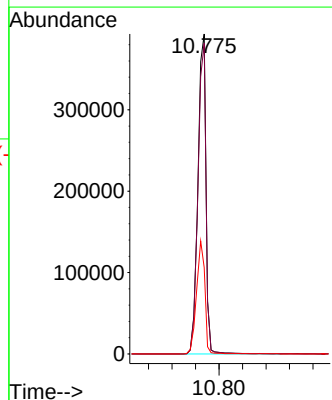
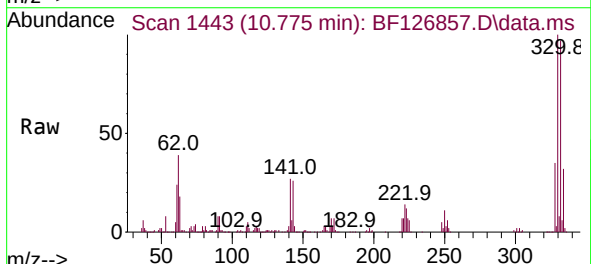
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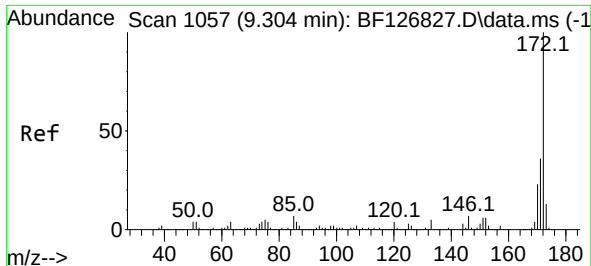
Tgt Ion:164 Resp: 237409
Ion Ratio Lower Upper
164 100
162 97.8 80.9 121.3
160 43.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 146.446 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

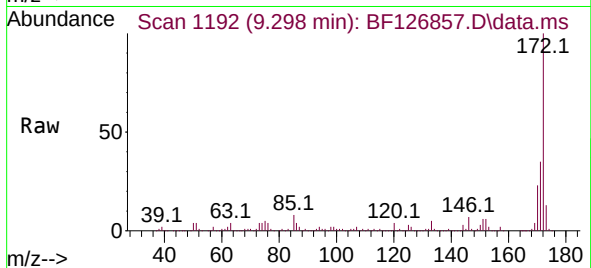
Tgt Ion:330 Resp: 372734
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 36.5 31.2 46.8



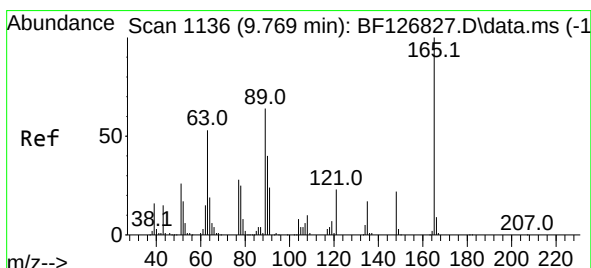
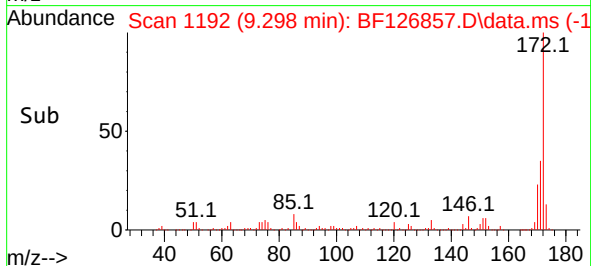
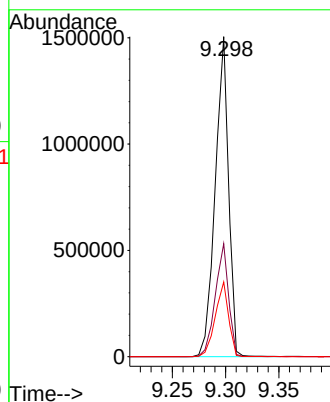


#45
2-Fluorobiphenyl
Concen: 83.425 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Instrument : BNA_F
ClientSampleId : 20220080-BERKELEY-8-COMP

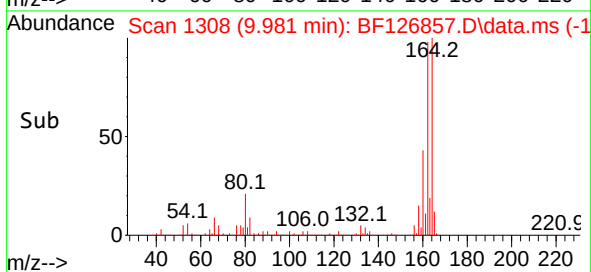
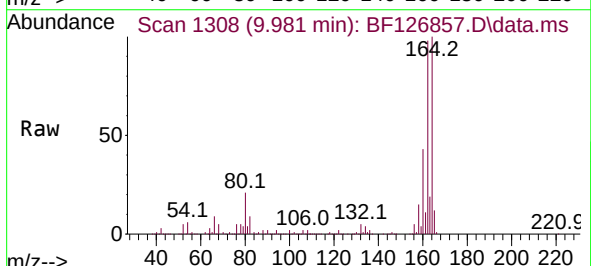
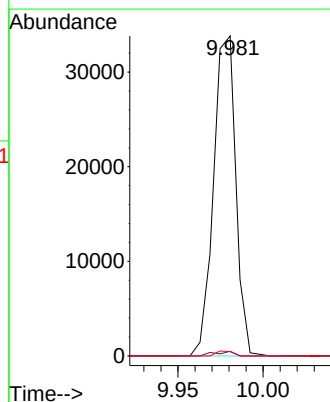


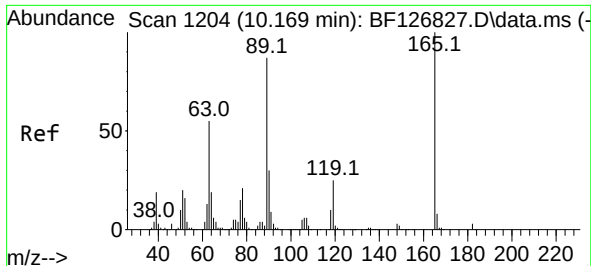
Tgt Ion:172 Resp: 1315747
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.035 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.212 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:165 Resp: 30731
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.4 51.0 76.4#

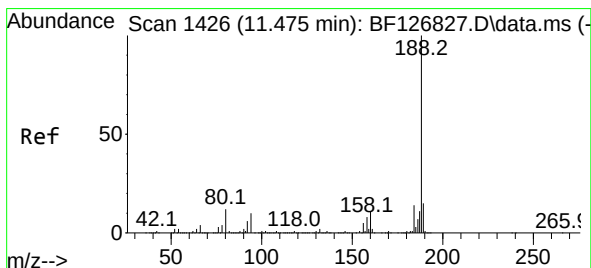
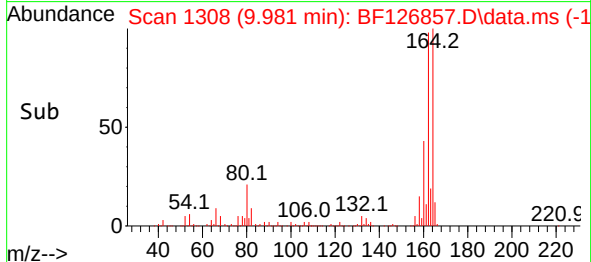
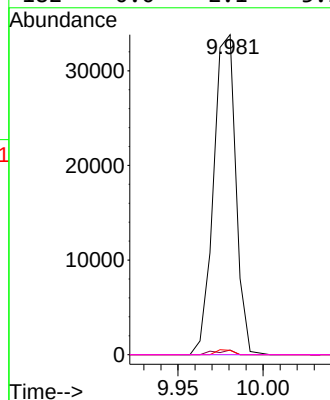
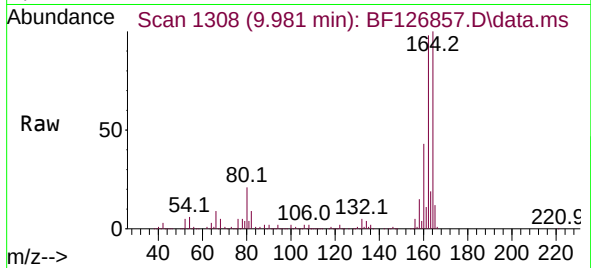




#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

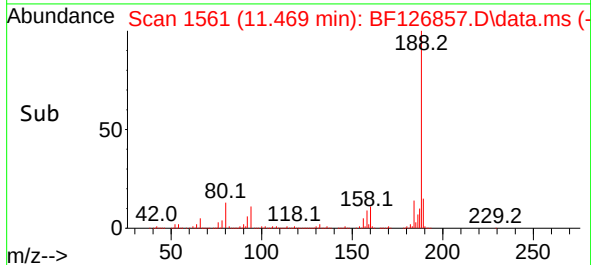
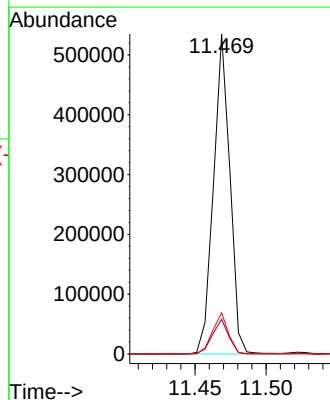
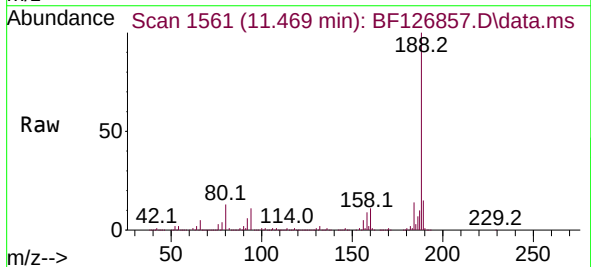
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

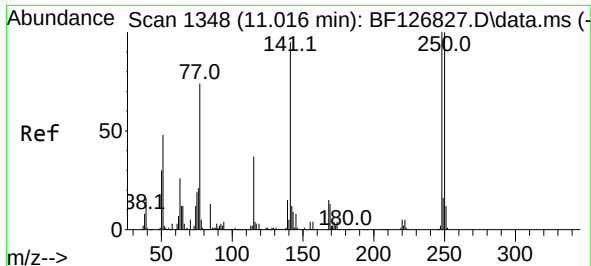
Tgt Ion:165 Resp: 30731
Ion Ratio Lower Upper
165 100
63 1.5 43.9 65.9#
89 1.4 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:188 Resp: 429808
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 12.9 9.5 14.3

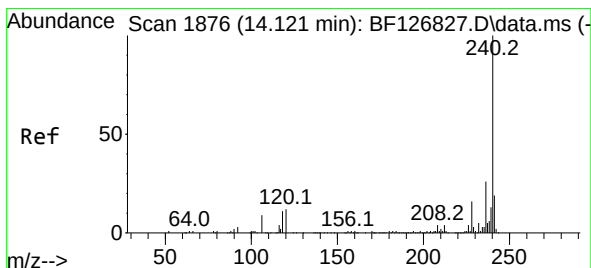
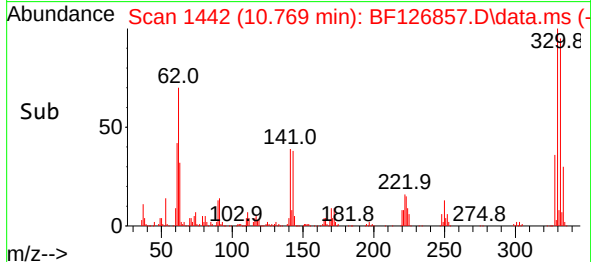
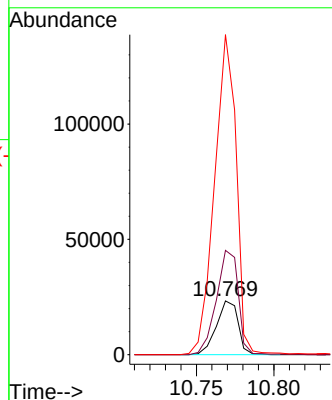
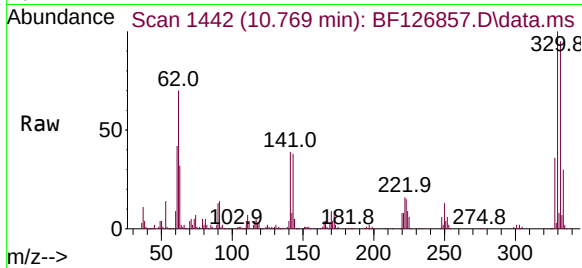




#67
4-Bromophenyl-phenylether
Concen: 4.854 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

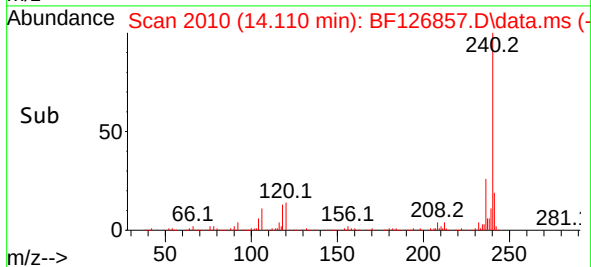
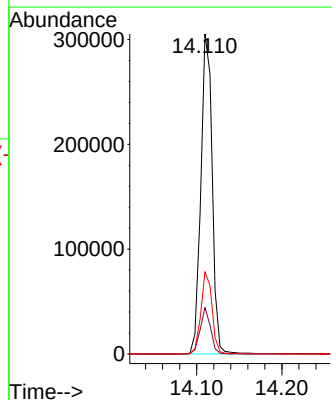
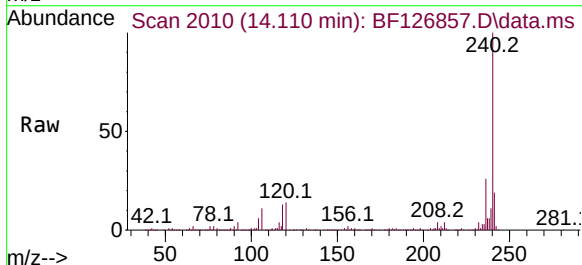
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

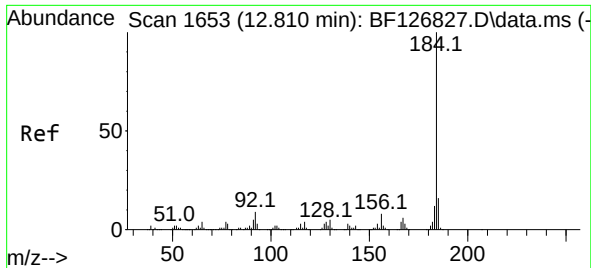
Tgt Ion:248 Resp: 22672
Ion Ratio Lower Upper
248 100
250 194.3 80.0 120.0#
141 595.8 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:240 Resp: 283360
Ion Ratio Lower Upper
240 100
120 14.5 9.8 14.6
236 25.6 20.5 30.7

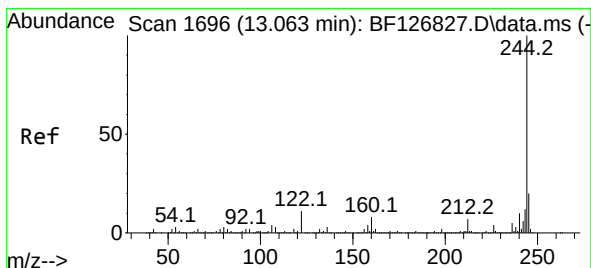
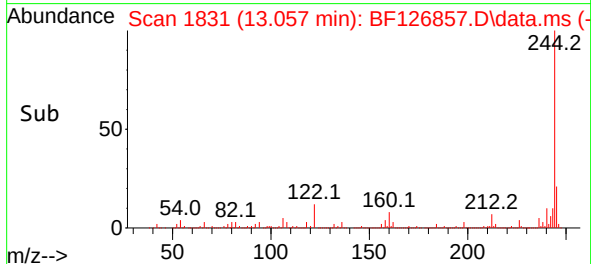
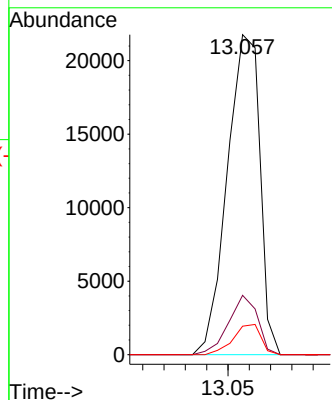
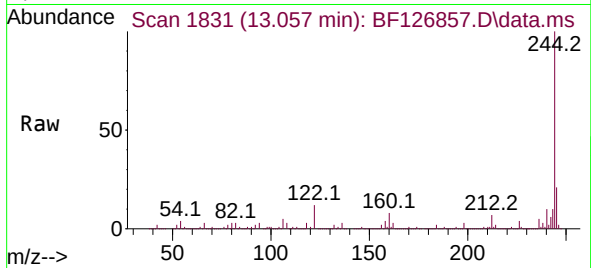




#77
Benzidine
Concen: 3.107 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

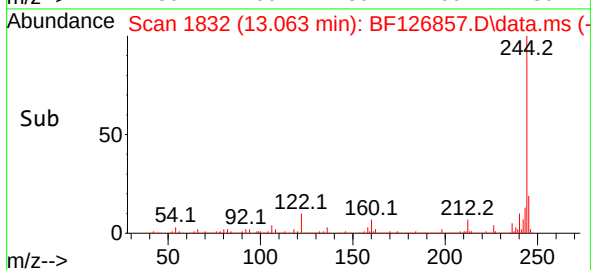
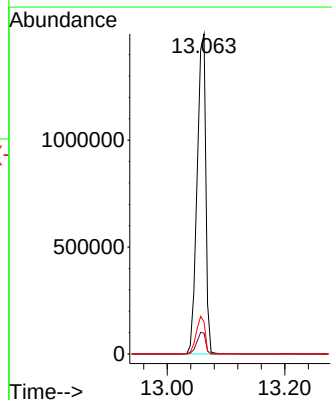
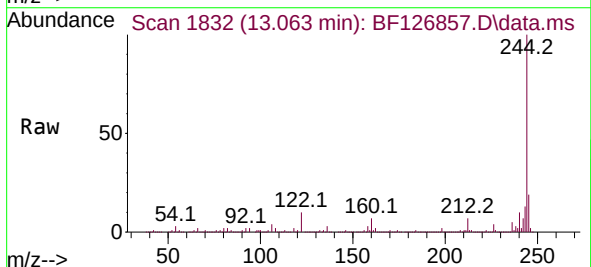
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

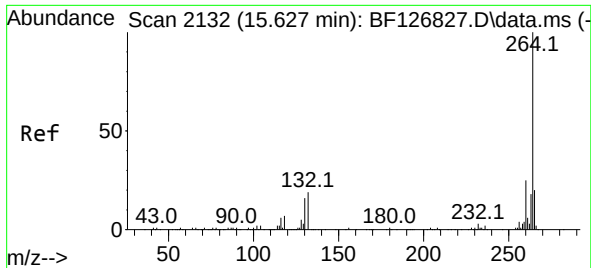
Tgt Ion:184 Resp: 23165
Ion Ratio Lower Upper
184 100
185 18.6 12.5 18.7
183 8.9 9.6 14.4#



#79
Terphenyl-d14
Concen: 77.567 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:244 Resp: 1533186
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.1 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: BF126857.D
 Acq: 11 Feb 2022 15:06

Instrument :
 BNA_F
 ClientSampleId :
 20220080-BERKELEY-8-COMP

Tgt Ion:264 Resp: 221304
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 20.9 15.9 23.9

