

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
 Data File : BF127059.D
 Acq On : 24 Feb 2022 16:08
 Operator : CG\JU
 Sample : N1632-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220094-BERKELEY-6-ELUTRIATE

Quant Time: Feb 25 01:45:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

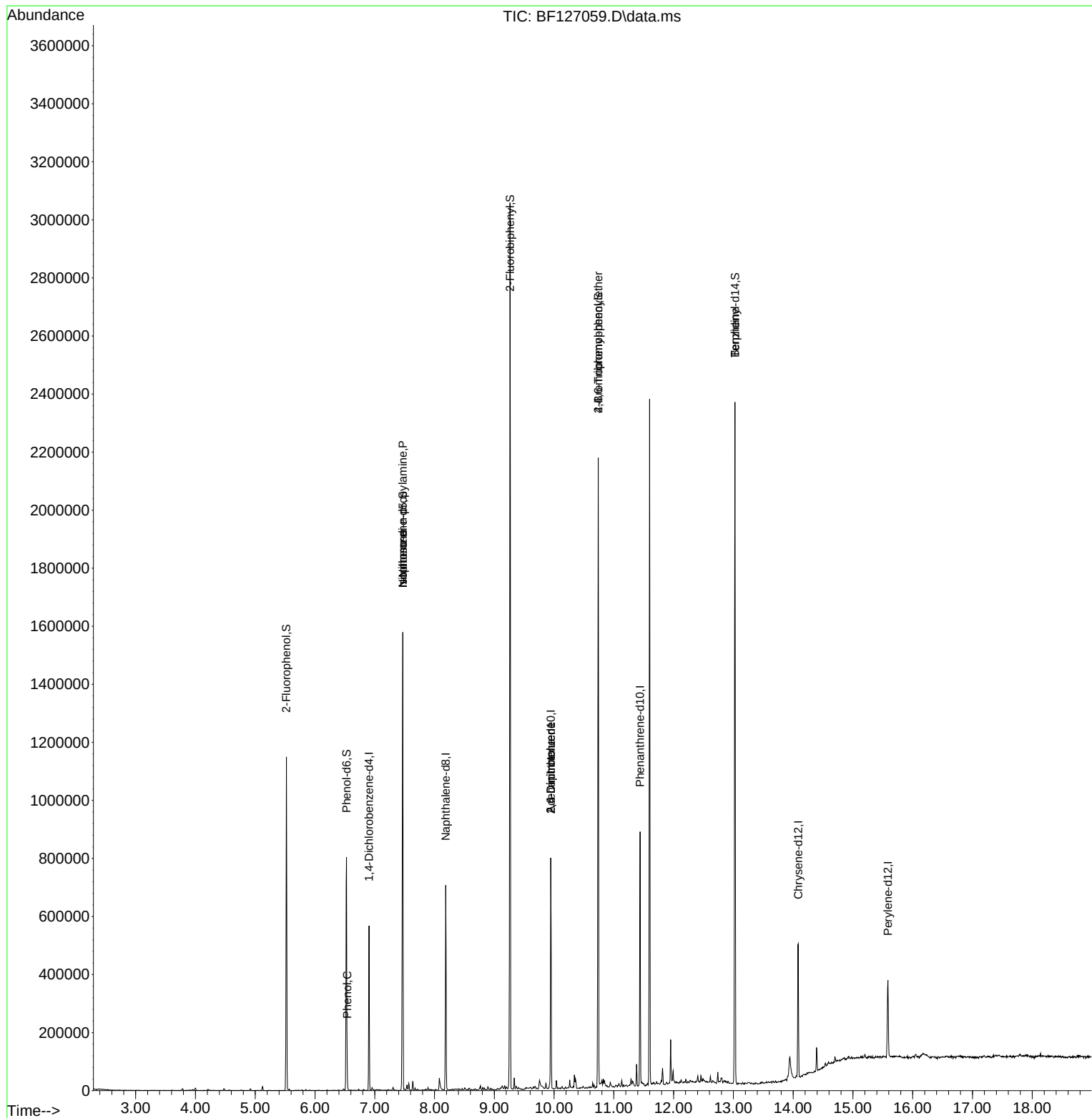
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	64967	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	264231	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	141156	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	254919	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	153113	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	111823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	232842	55.393	ng	0.00
7) Phenol-d6	6.528	99	219298	38.664	ng	-0.01
23) Nitrobenzene-d5	7.469	82	472945	80.791	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	231739	142.589	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	816989	85.206	ng	0.00
79) Terphenyl-d14	13.027	244	688838	66.135	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.540	94	18516	3.231	ng	81
19) n-Nitroso-di-n-propyla...	7.469	70	67015	18.336	ng	# 79
25) Isophorone	7.469	82	472810	48.810	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	17611	8.579	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	17611	6.345	ng	# 15
67) 4-Bromophenyl-phenylether	10.739	248	14001	4.916	ng	# 1
77) Benizidine	13.027	184	10944	2.630	ng	# 95

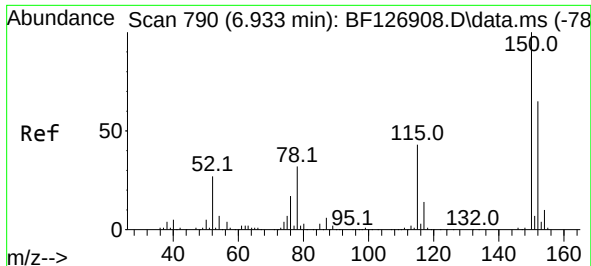
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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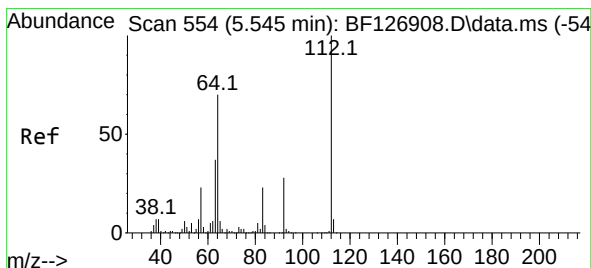
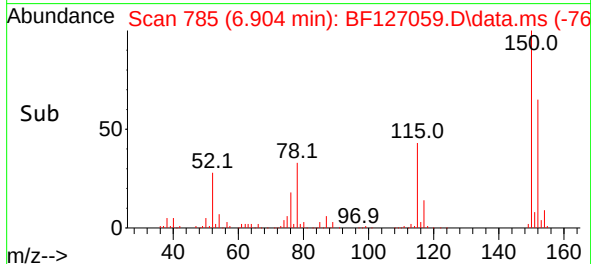
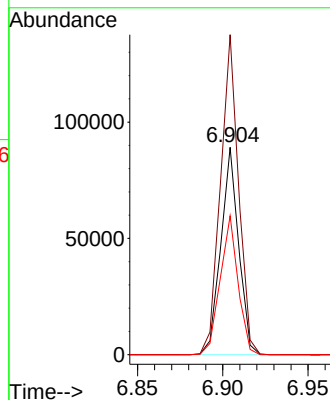
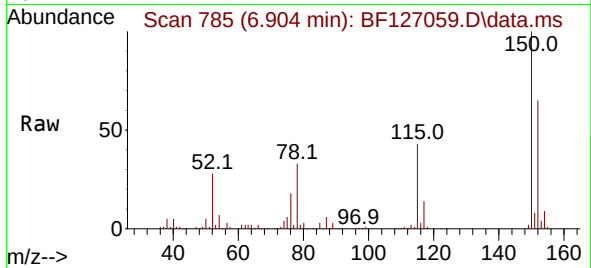




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127059.D
 Acq: 24 Feb 2022 16:08

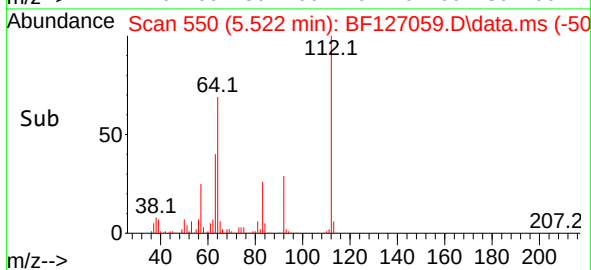
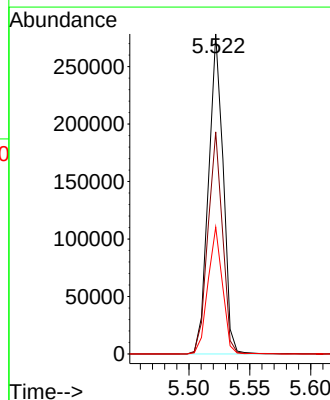
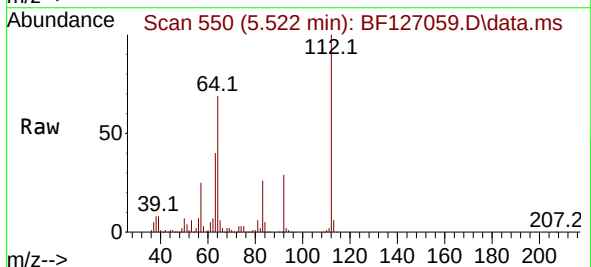
Instrument :
 BNA_F
 ClientSampleId :
 20220094-BERKELEY-6-ELUTRIATE

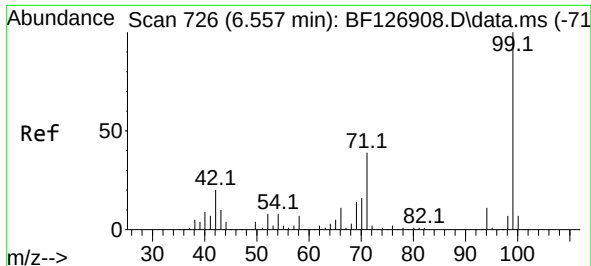
Tgt Ion:152 Resp: 64967
 Ion Ratio Lower Upper
 152 100
 150 154.3 128.1 192.1
 115 66.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 55.393 ng
 RT: 5.522 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: BF127059.D
 Acq: 24 Feb 2022 16:08

Tgt Ion:112 Resp: 232842
 Ion Ratio Lower Upper
 112 100
 64 69.4 49.5 74.3
 63 39.6 23.9 35.9#





#7

Phenol-d6

Concen: 38.664 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127059.D

Acq: 24 Feb 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220094-BERKELEY-6-ELUTRIATE

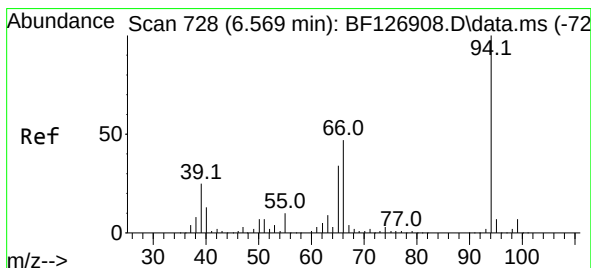
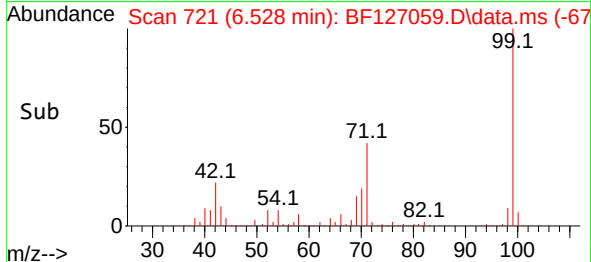
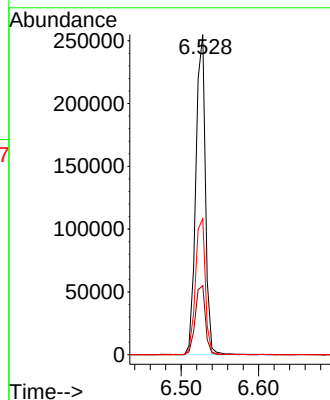
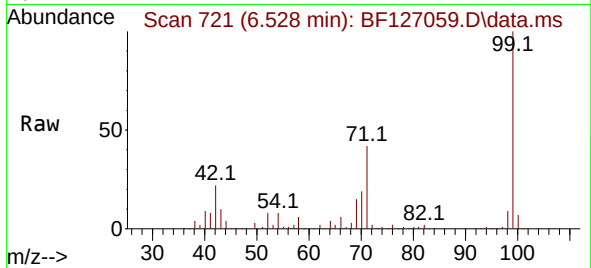
Tgt Ion: 99 Resp: 219298

Ion Ratio Lower Upper

99 100

42 21.6 14.2 21.4#

71 42.5 24.3 36.5#



#10

Phenol

Concen: 3.231 ng

RT: 6.540 min Scan# 723

Delta R.T. -0.012 min

Lab File: BF127059.D

Acq: 24 Feb 2022 16:08

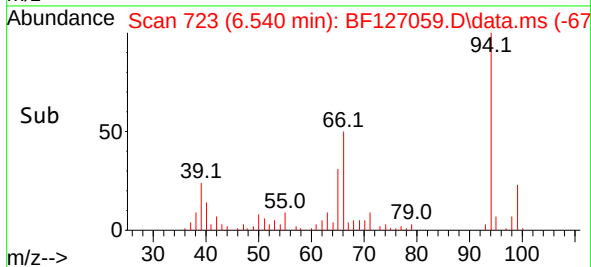
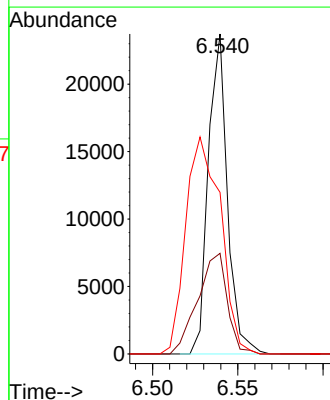
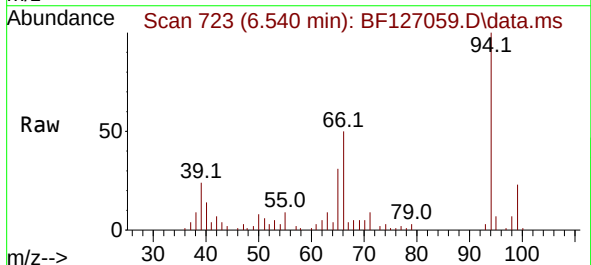
Tgt Ion: 94 Resp: 18516

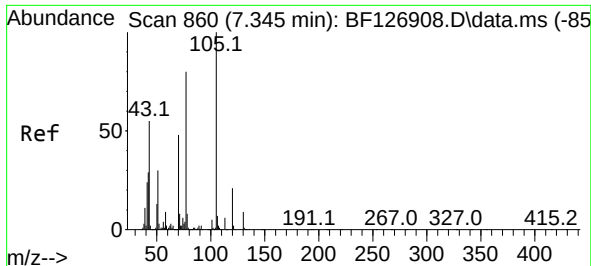
Ion Ratio Lower Upper

94 100

65 31.5 7.2 47.2

66 50.5 14.5 54.5

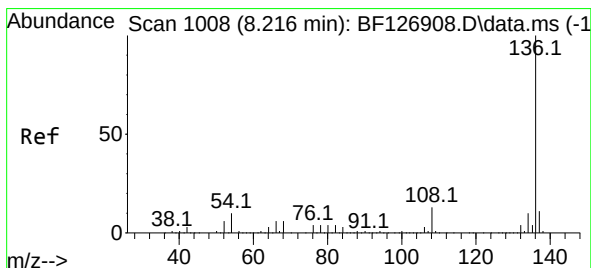
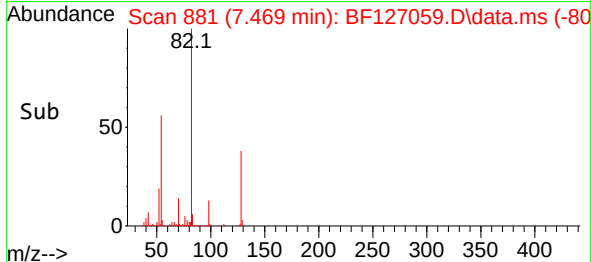
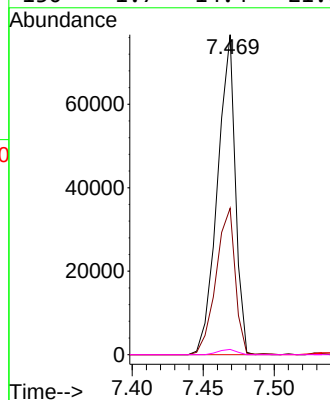
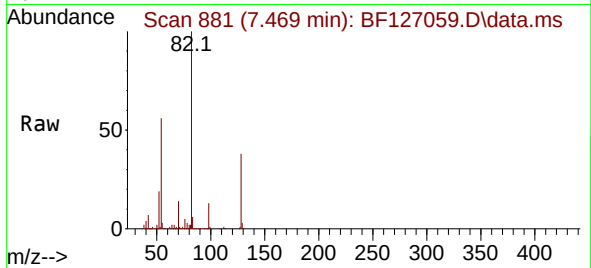




#19
n-Nitroso-di-n-propylamine
Concen: 18.336 ng
RT: 7.469 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

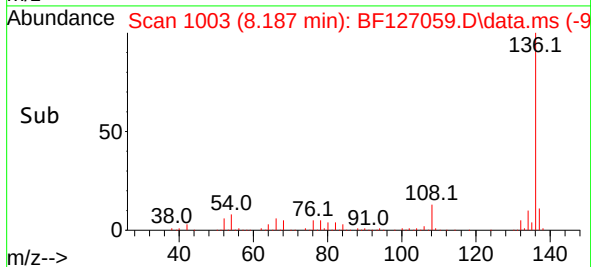
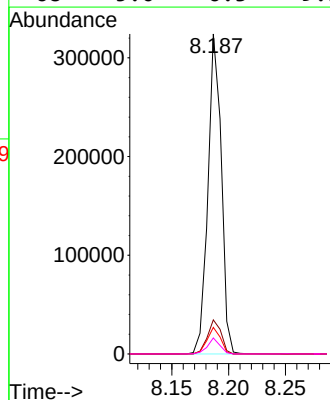
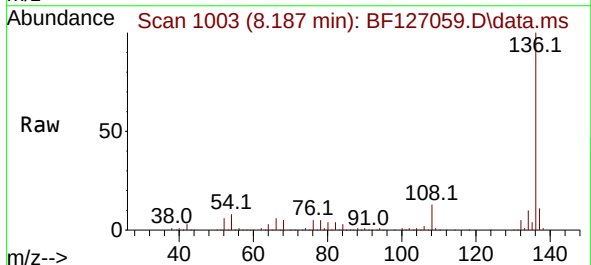
Instrument :
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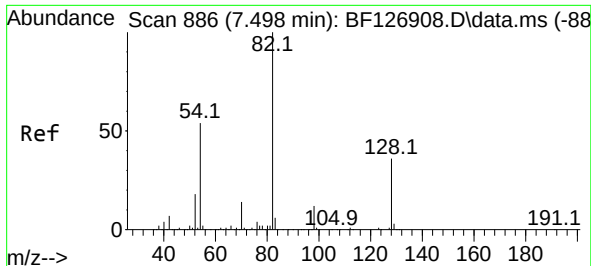
Tgt Ion: 70 Resp: 67015
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion:136 Resp: 264231
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.8 11.6
68 5.0 6.3 9.5#

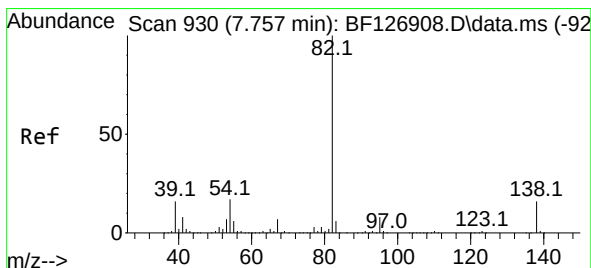
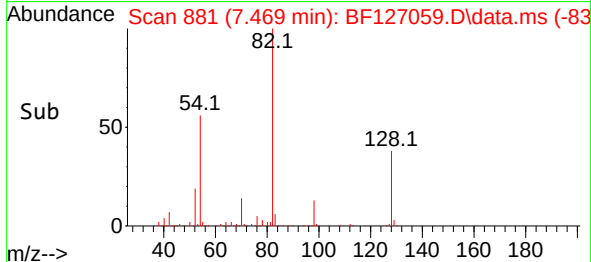
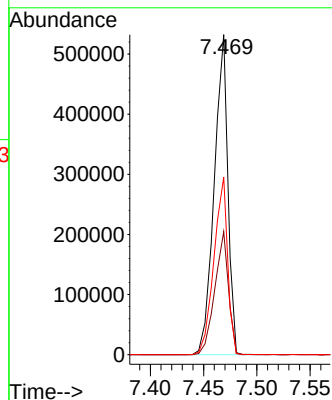
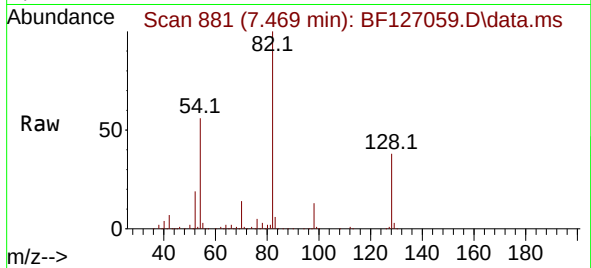




#23
Nitrobenzene-d5
Concen: 80.791 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

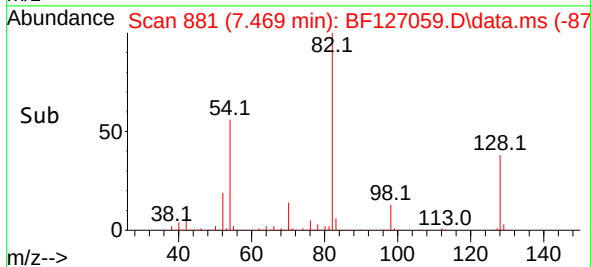
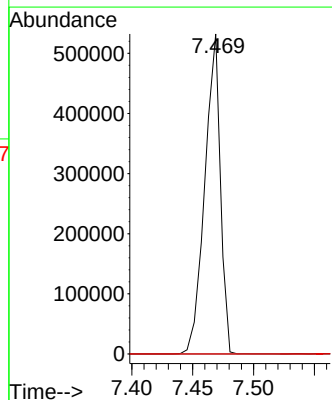
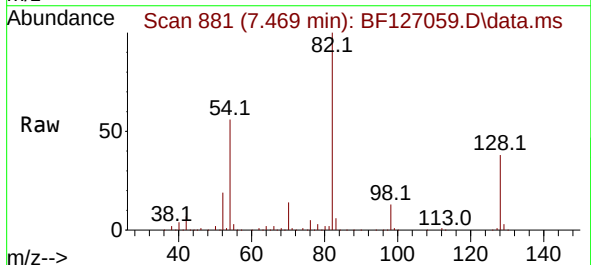
Instrument :
BNA_F
ClientSampleId :
20220094-BERKELEY-6-ELUTRIATE

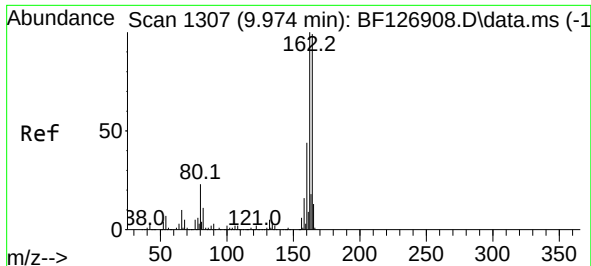
Tgt Ion: 82 Resp: 472945
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 55.5 41.7 62.5



#25
Isophorone
Concen: 48.810 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.265 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion: 82 Resp: 472810
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

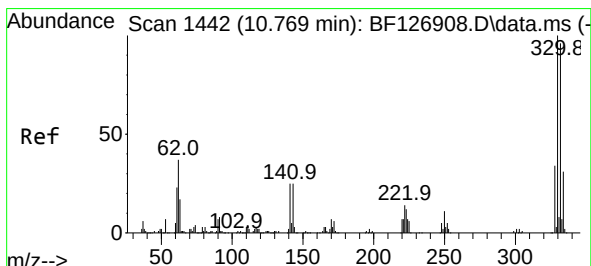
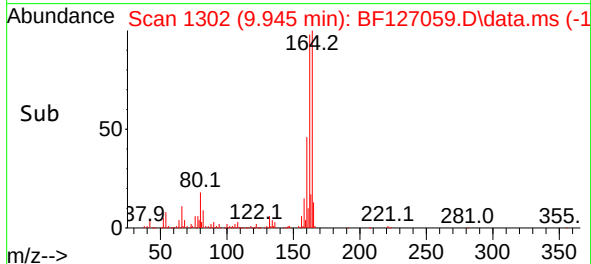
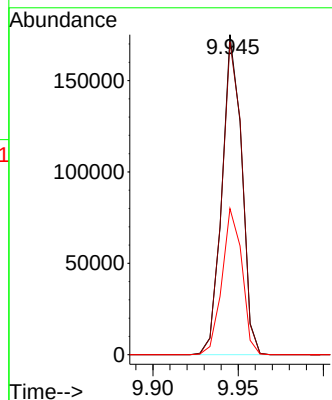
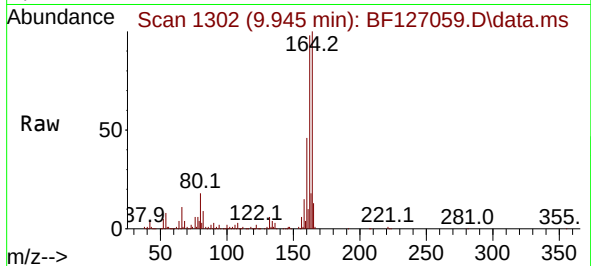




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

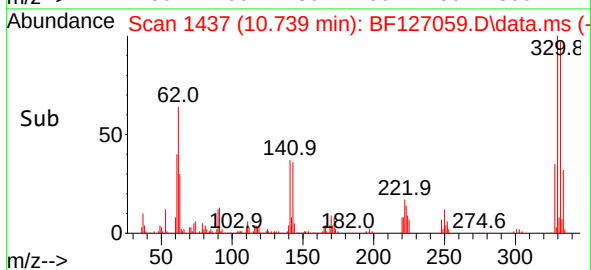
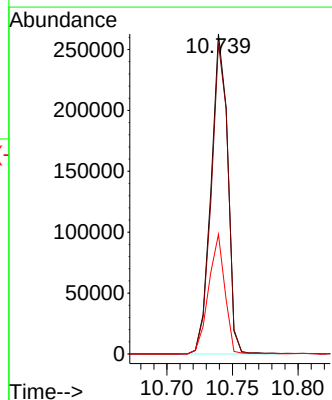
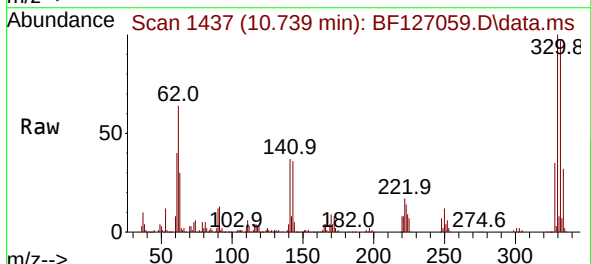
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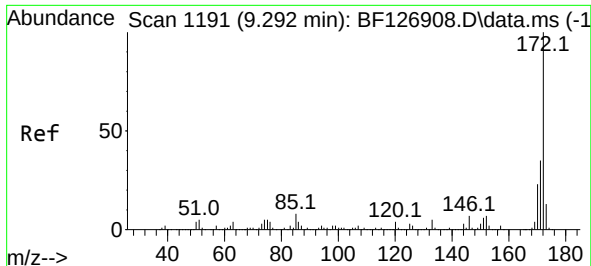
Tgt Ion:164 Resp: 141156
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 45.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 142.589 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion:330 Resp: 231739
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 36.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 85.206 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127059.D

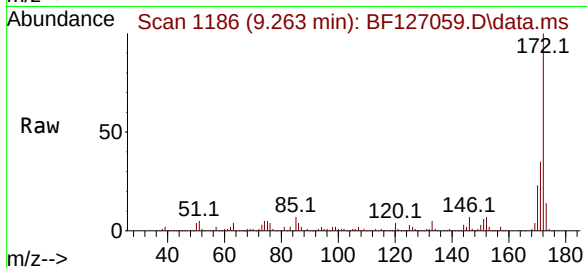
Acq: 24 Feb 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220094-BERKELEY-6-ELUTRIATE



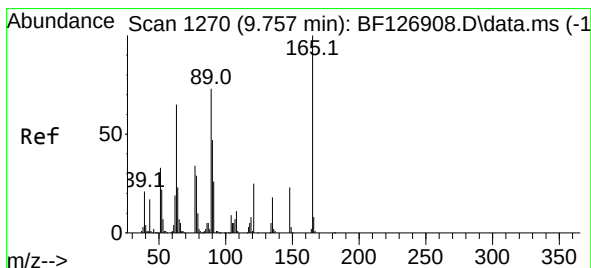
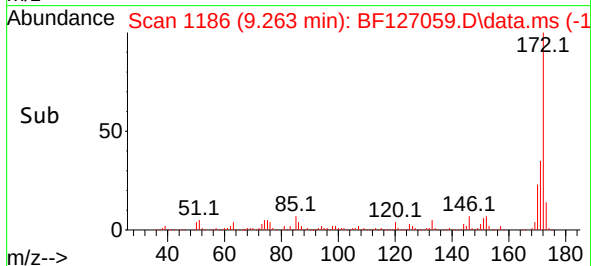
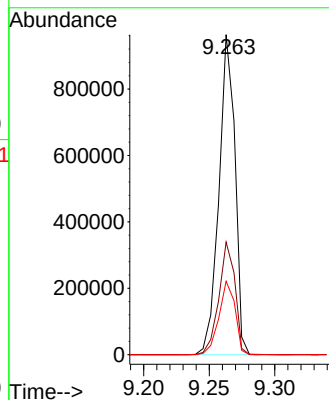
Tgt Ion:172 Resp: 816989

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.579 ng

RT: 9.945 min Scan# 1302

Delta R.T. 0.212 min

Lab File: BF127059.D

Acq: 24 Feb 2022 16:08

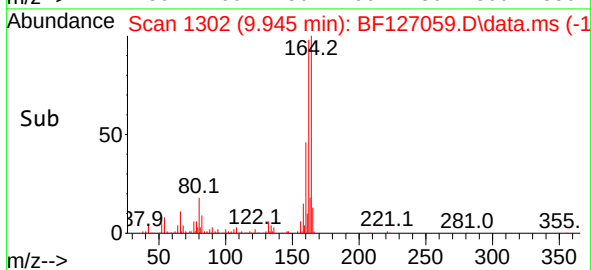
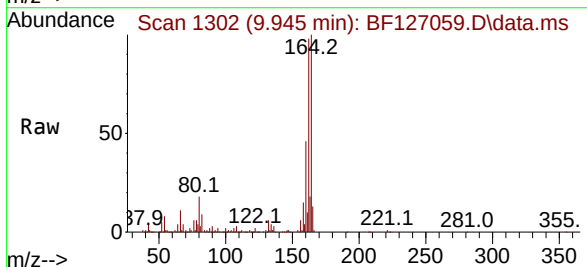
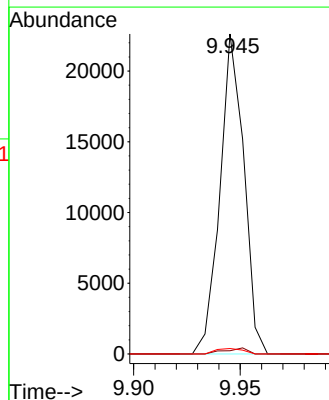
Tgt Ion:165 Resp: 17611

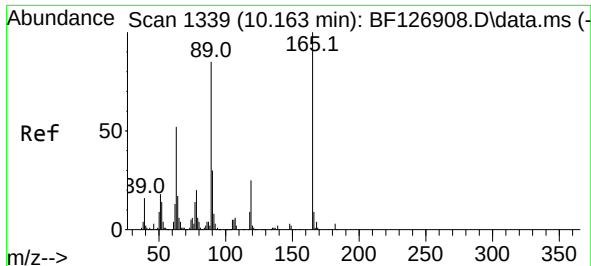
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.7 50.5 75.7#

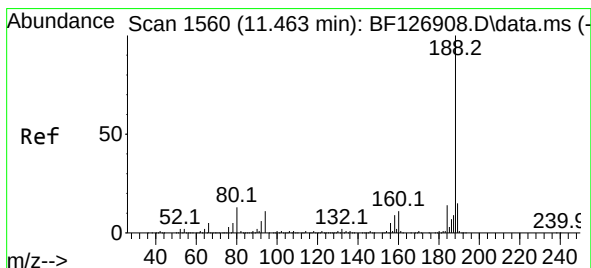
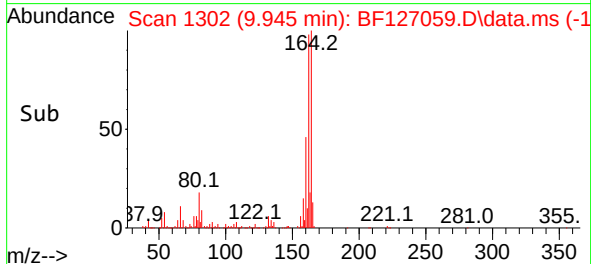
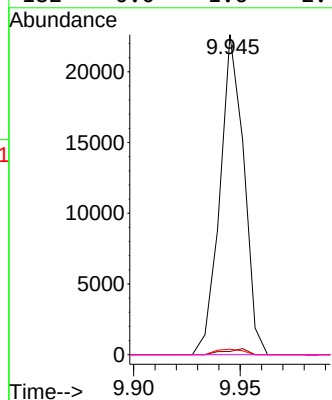
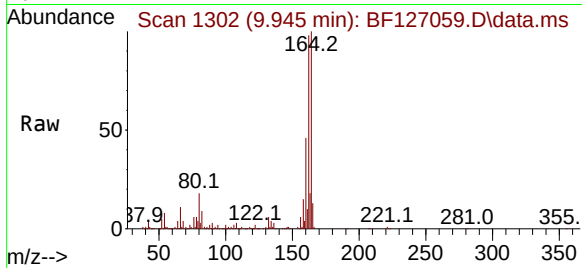




#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

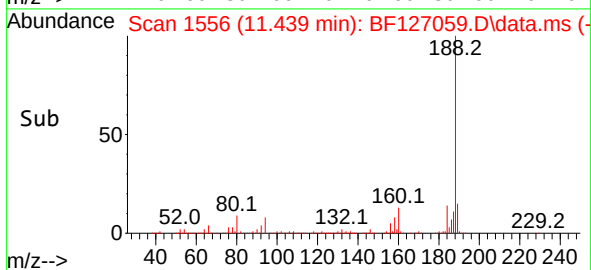
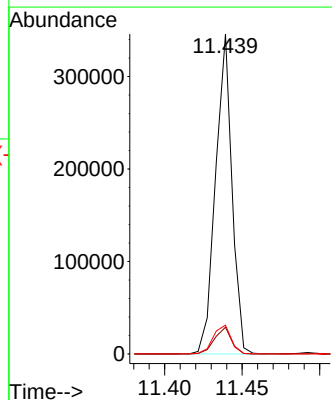
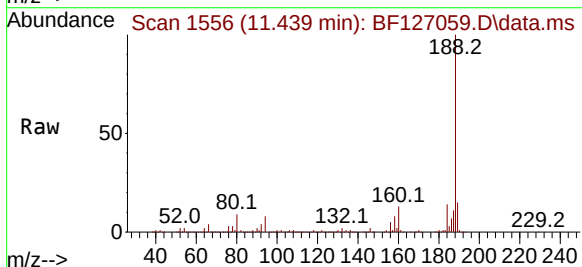
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20220094-BERKELEY-6-ELUTRIATE

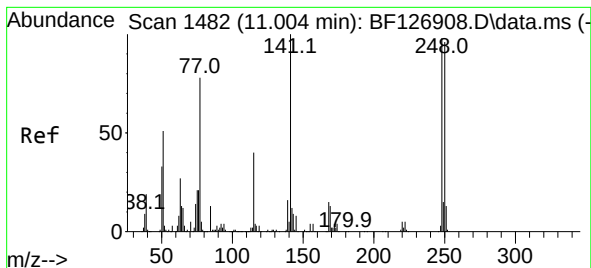
Tgt Ion:165 Resp: 17611
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion:188 Resp: 254919
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.0 11.8 17.6#

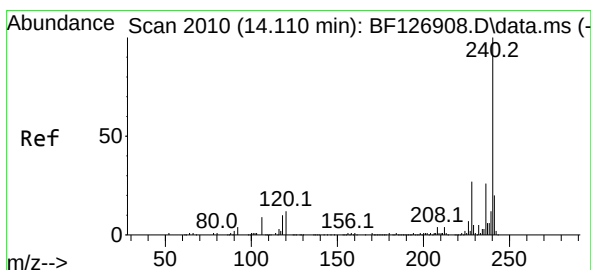
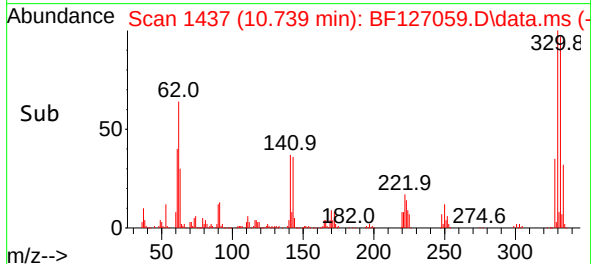
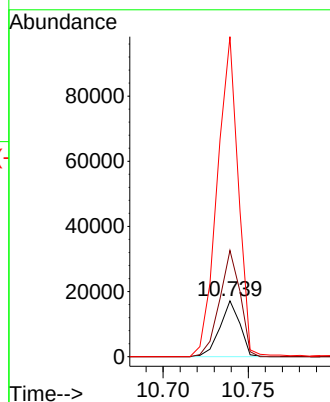
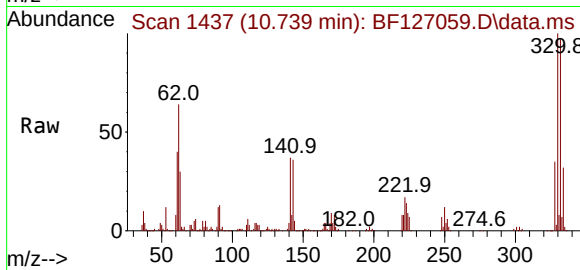




#67
4-Bromophenyl-phenylether
Concen: 4.916 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

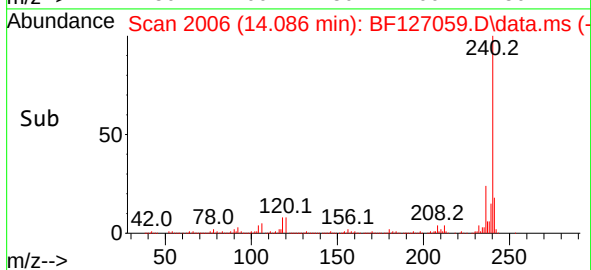
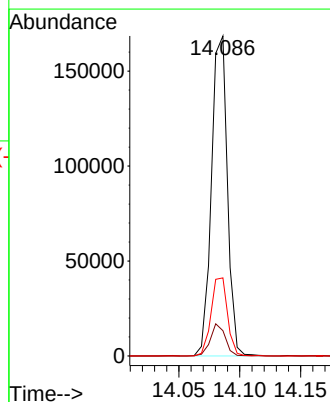
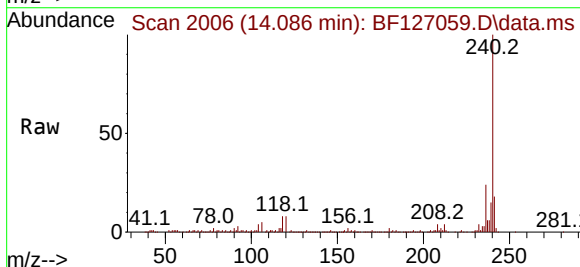
Instrument :
BNA_F
ClientSampleId :
20220094-BERKELEY-6-ELUTRIATE

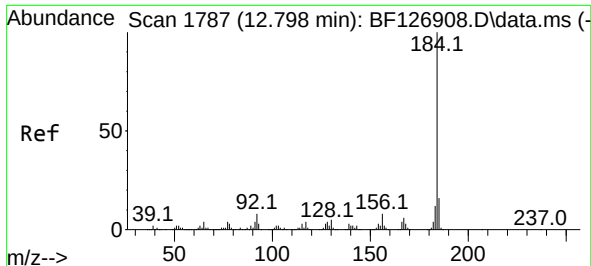
Tgt Ion:248 Resp: 14001
Ion Ratio Lower Upper
248 100
250 190.4 76.2 114.4#
141 573.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion:240 Resp: 153113
Ion Ratio Lower Upper
240 100
120 7.9 14.4 21.6#
236 24.4 20.5 30.7

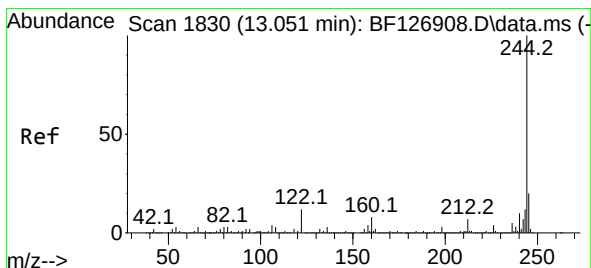
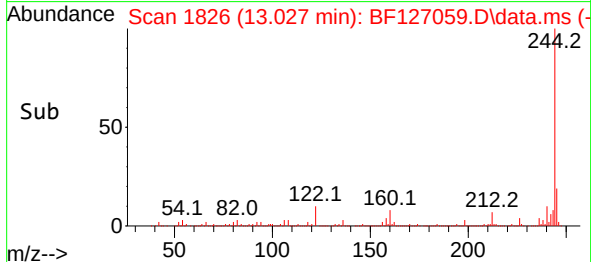
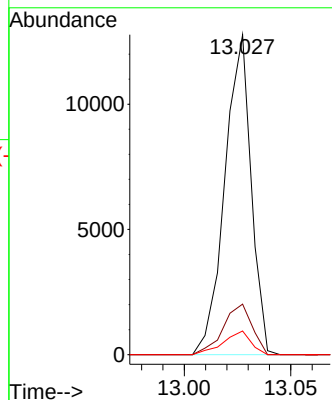
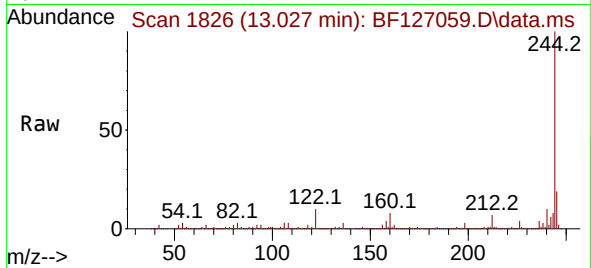




#77
Benzidine
Concen: 2.630 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

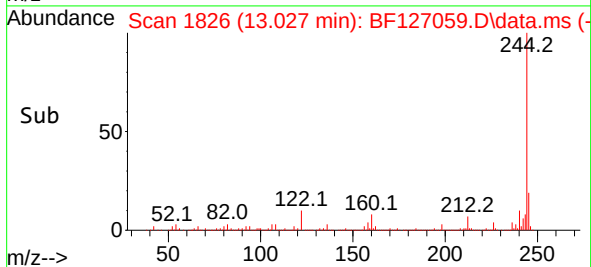
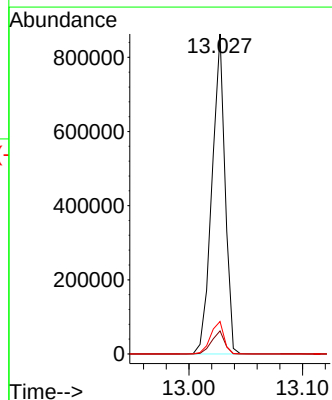
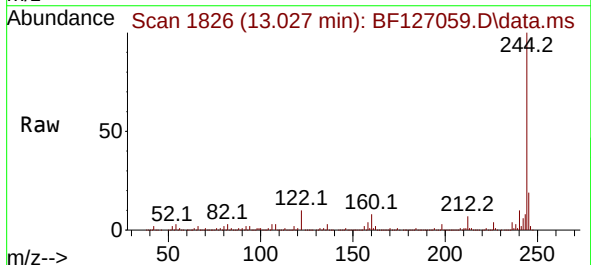
Instrument :
BNA_F
ClientSampleId :
20220094-BERKELEY-6-ELUTRIATE

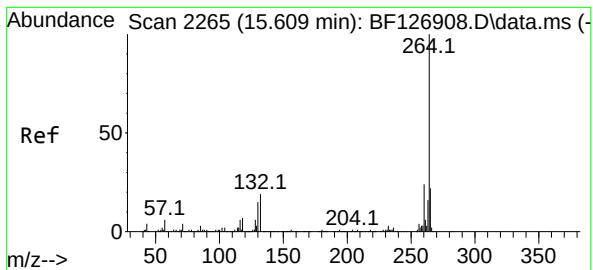
Tgt Ion:184 Resp: 10944
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 7.4 8.2 12.2#



#79
Terphenyl-d14
Concen: 66.135 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF127059.D
Acq: 24 Feb 2022 16:08

Tgt Ion:244 Resp: 688838
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 10.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127059.D
 Acq: 24 Feb 2022 16:08

Instrument :
 BNA_F
 ClientSampleId :
 20220094-BERKELEY-6-ELUTRIATE

Tgt Ion:264	Resp:	111823
Ion	Ratio	Lower Upper
264	100	
260	22.8	19.2 28.8
265	21.0	17.4 26.2

