

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126994.D
 Acq On : 22 Feb 2022 01:00
 Operator : CG\JU
 Sample : N1602-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220083-AMENDED-BERKELEY-3-COMP

Quant Time: Feb 22 03:55:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

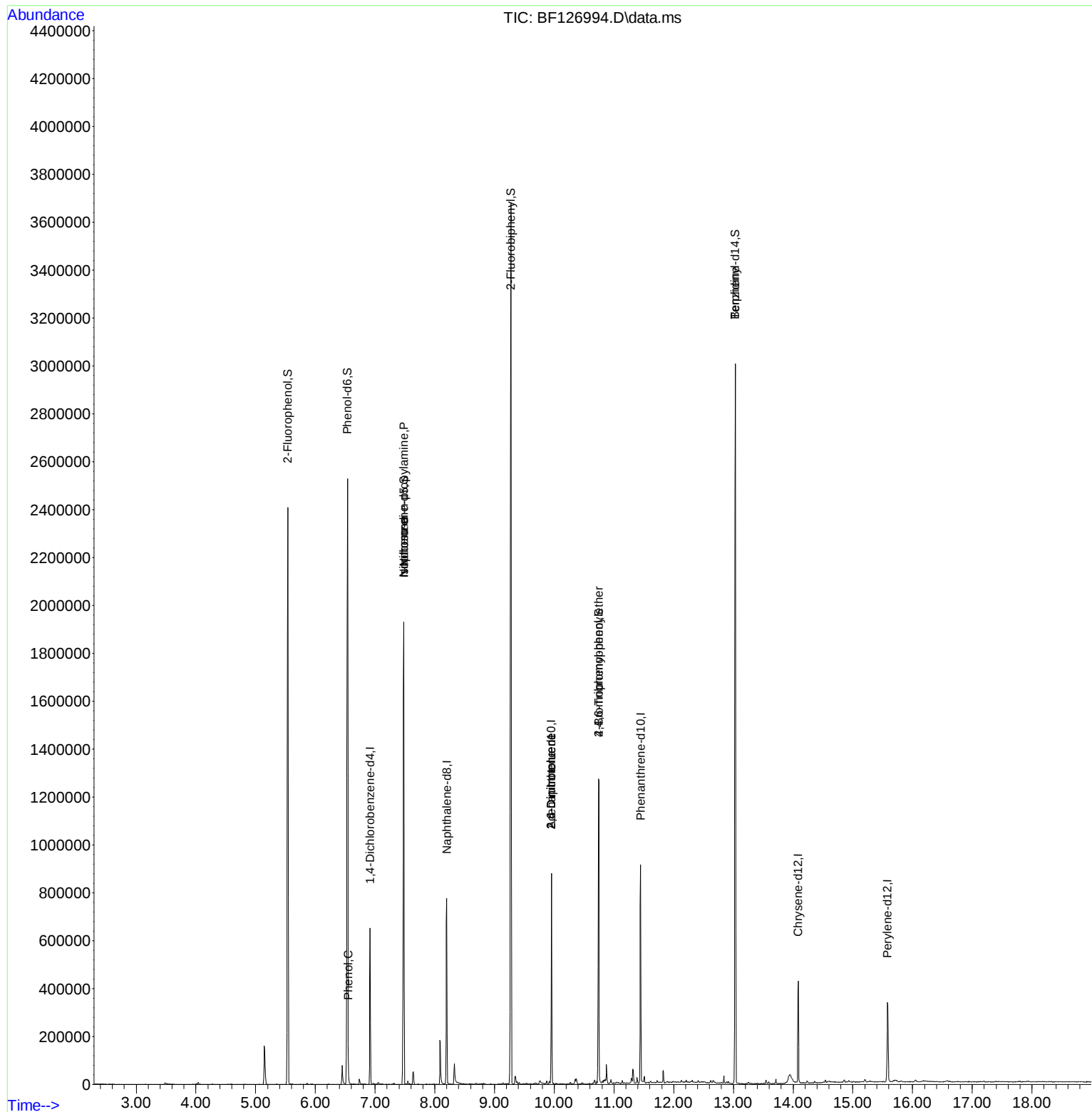
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	76778	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	322742	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	168372	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	296628	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	136894	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	148526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	571367	115.019	ng	0.00
7) Phenol-d6	6.540	99	915147	136.527	ng	0.00
23) Nitrobenzene-d5	7.481	82	652203	91.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	148860	76.788	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1019295	89.122	ng	0.00
79) Terphenyl-d14	13.033	244	958996	102.982	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.551	94	25847	3.816	ng	91
19) n-Nitroso-di-n-propyla...	7.481	70	87870	20.344	ng	# 80
25) Isophorone	7.481	82	652008	55.107	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	20813	8.500	ng	# 22
57) 2,4-Dinitrotoluene	9.951	165	20813	6.287	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	9285	2.802	ng	# 1
77) Benzidine	13.033	184	14657	3.940	ng	# 97

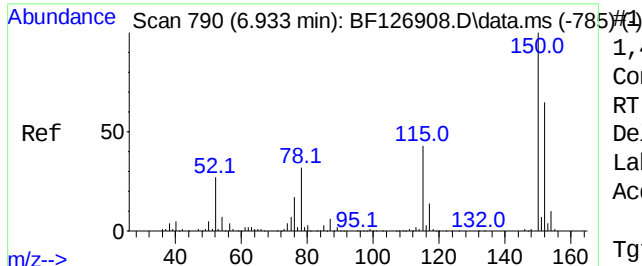
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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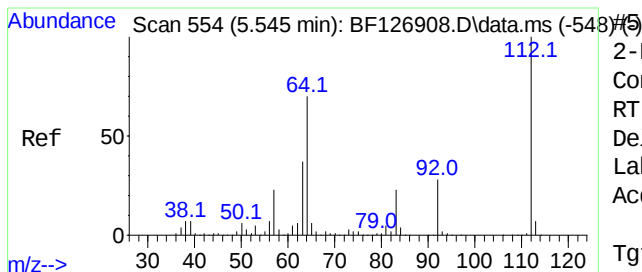
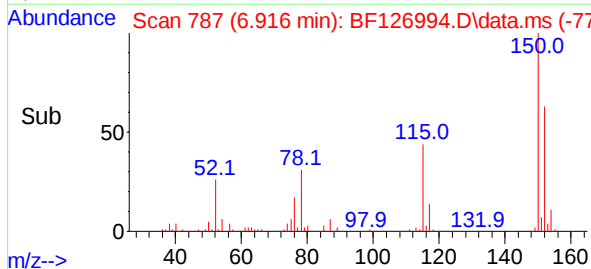
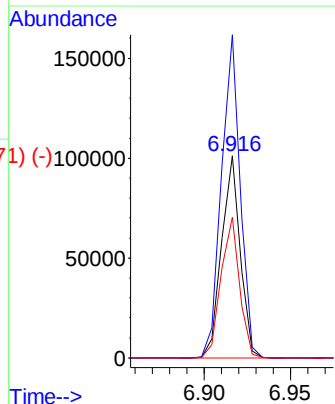
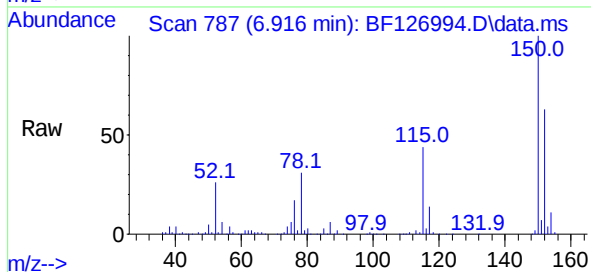




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

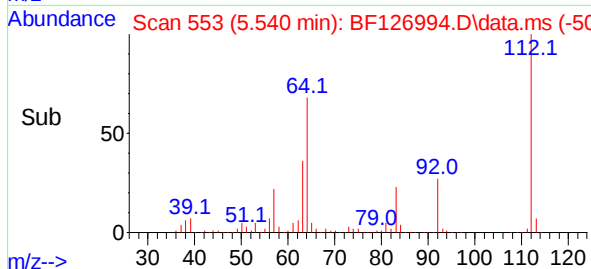
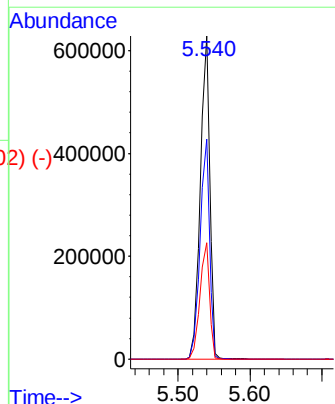
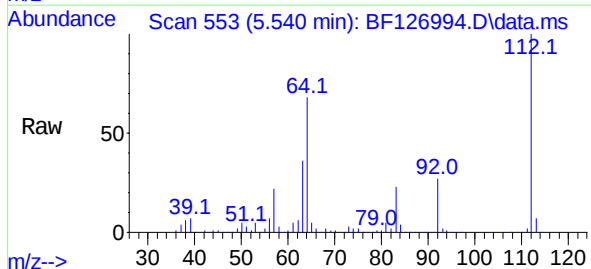
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BNA_F
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20220083-AMENDED-BERKELEY-3-COMP

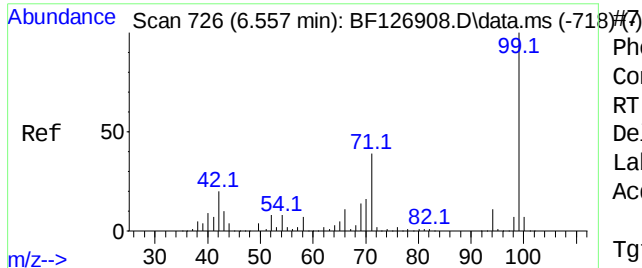
Tgt Ion:152 Resp: 76778
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 69.6 56.7 85.1



2-Fluorophenol
Concen: 115.019 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

Tgt Ion:112 Resp: 571367
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 36.0 23.9 35.9#

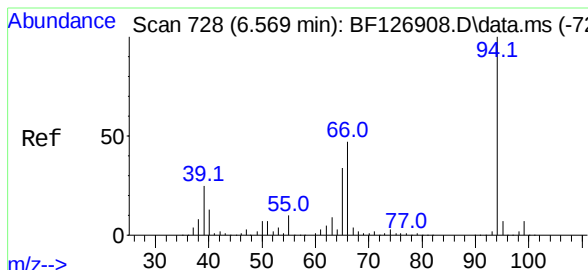
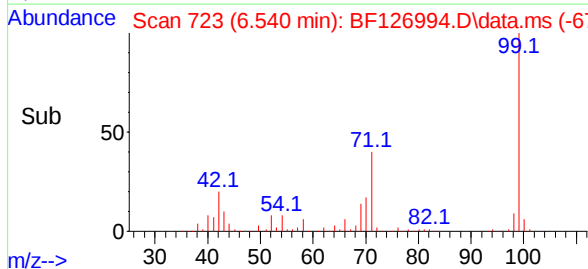
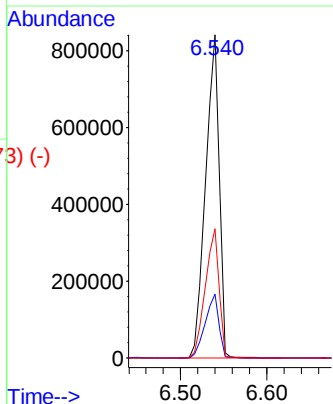
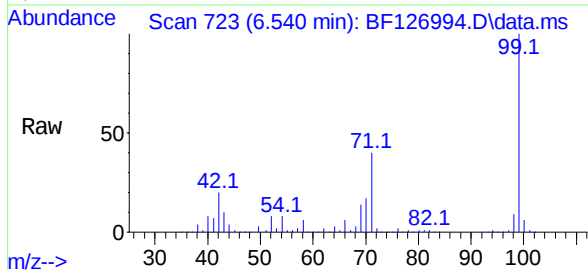




Phenol-d6
Concen: 136.527 ng
RT: 6.540 min Scan#
Delta R.T. -0.006 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

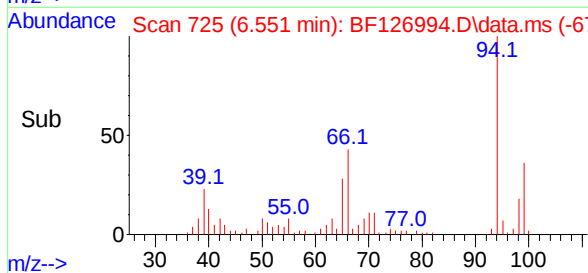
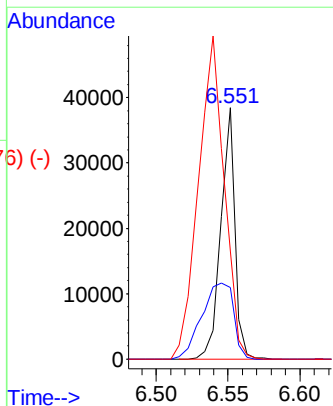
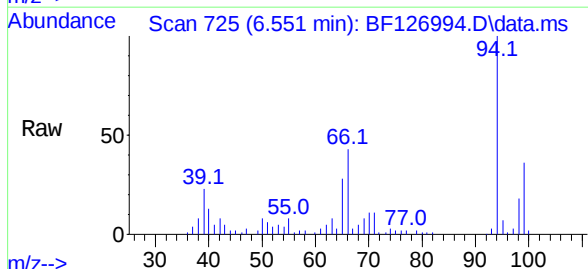
Instrument :
BNA_F
ClientSampleId :
20220083-AMENDED-BERKELEY-3-COMP

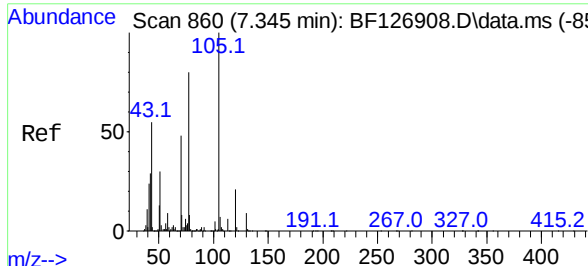
Tgt Ion: 99 Resp: 915147
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 39.9 24.3 36.5#



Phenol
Concen: 3.816 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.012 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

Tgt Ion: 94 Resp: 25847
Ion Ratio Lower Upper
94 100
65 28.4 7.2 47.2
66 43.0 14.5 54.5

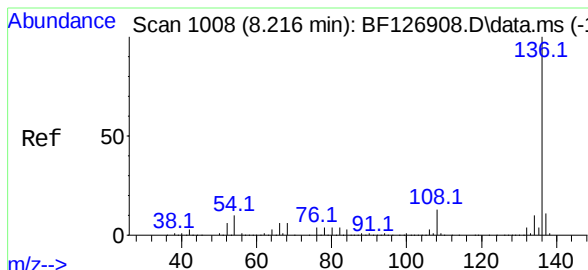
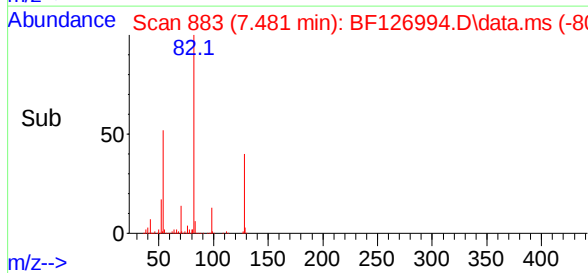
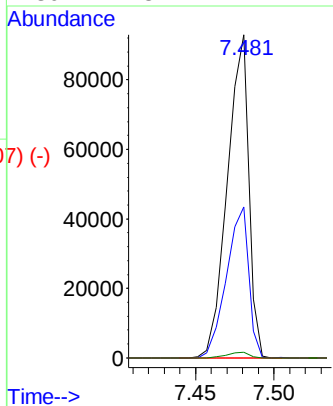
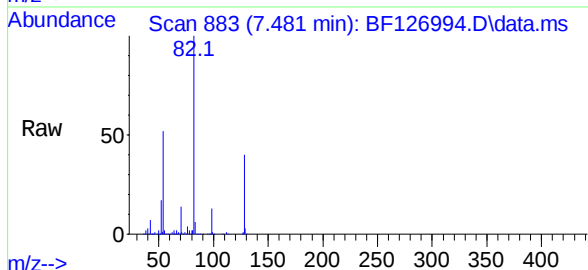




#19
n-Nitroso-di-n-propylamine
Concen: 20.344 ng
RT: 7.481 min Scan# 819
Delta R.T. 0.147 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

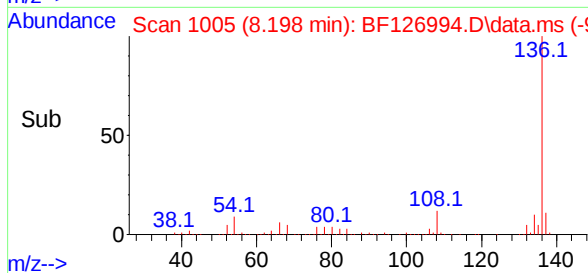
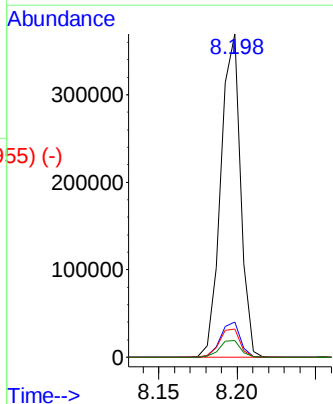
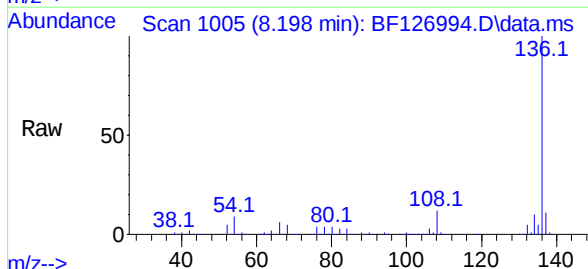
Instrument :
BNA_F
ClientSampleId :
20220083-AMENDED-BERKELEY-3-COMP

Tgt Ion:	70	Resp:	87870
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.8	68.8
101	0.0	6.9	10.3#
130	1.8	14.4	21.6#

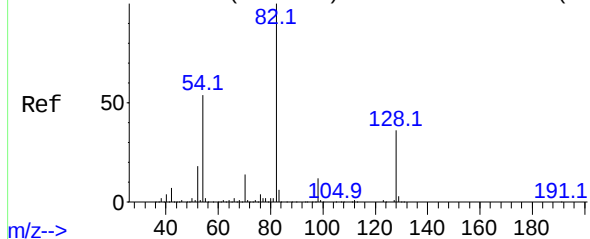


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

Tgt Ion:	136	Resp:	322742
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	7.8	11.6
68	5.2	6.3	9.5#



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23

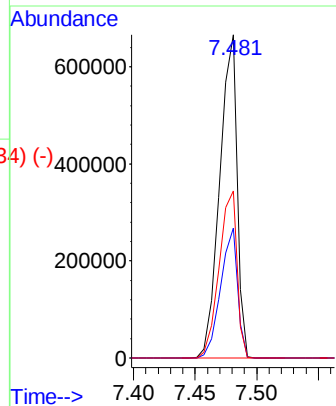
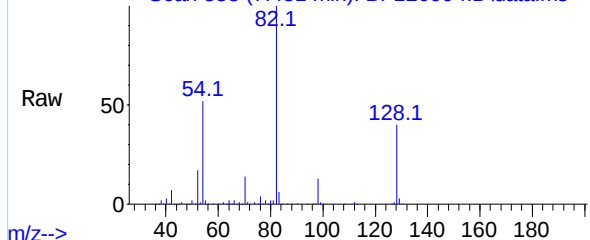


Nitrobenzene-d5
Concen: 91.214 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

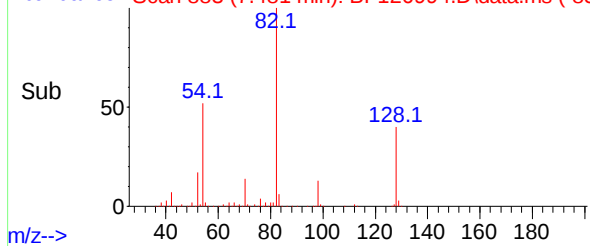
Instrument :
BNA_F
ClientSampleId :
20220083-AMENDED-BERKELEY-3-COMP

Tgt Ion:	82	Resp:	652203
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.7	49.1
54	51.7	41.7	62.5

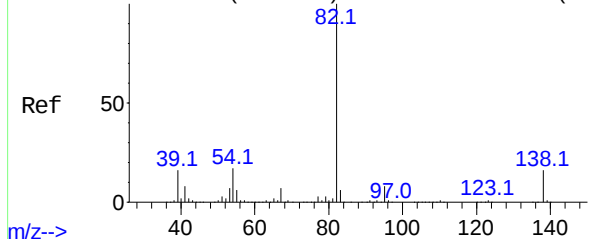
Abundance Scan 883 (7.481 min): BF126994.D\data.ms



Abundance Scan 883 (7.481 min): BF126994.D\data.ms (-834) (-)



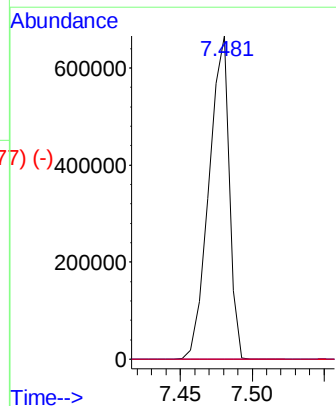
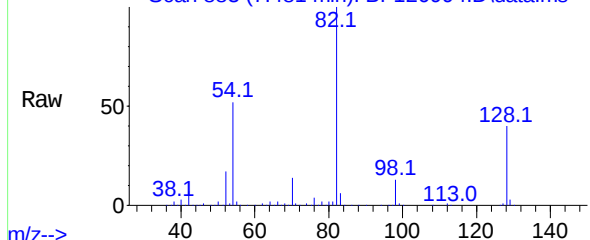
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



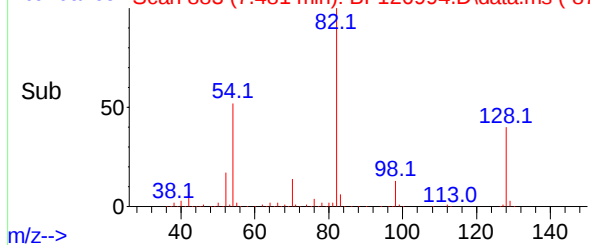
Isophorone
Concen: 55.107 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

Tgt Ion:	82	Resp:	652008
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#

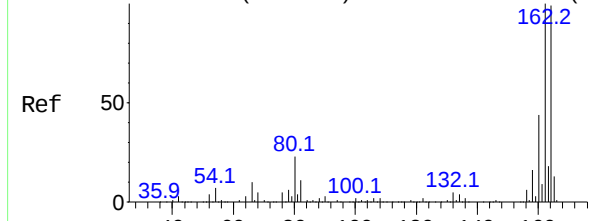
Abundance Scan 883 (7.481 min): BF126994.D\data.ms



Abundance Scan 883 (7.481 min): BF126994.D\data.ms (-877) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1307)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF126994.D

Acq: 22 Feb 2022 01:00

Instrument :

BNA_F

ClientSampleId :

20220083-AMENDED-BERKELEY-3-COMP

Tgt Ion:164 Resp: 168372

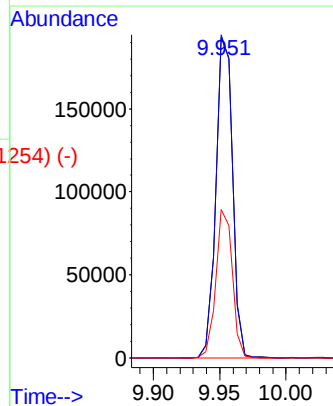
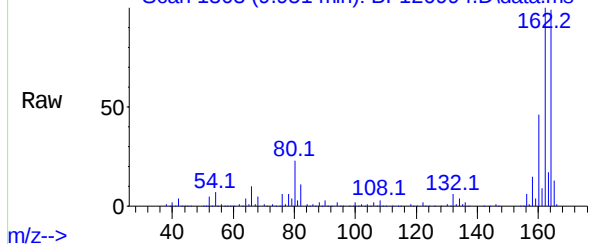
Ion Ratio Lower Upper

164 100

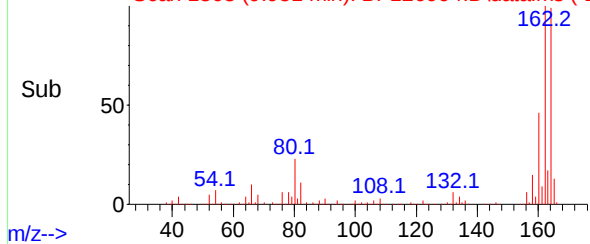
162 100.7 81.4 122.0

160 46.3 36.6 54.8

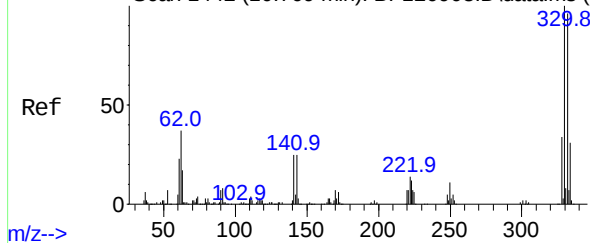
Abundance Scan 1303 (9.951 min): BF126994.D\data.ms



Abundance Scan 1303 (9.951 min): BF126994.D\data.ms (-1254) (-)



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1442)



2,4,6-Tribromophenol

Concen: 76.788 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126994.D

Acq: 22 Feb 2022 01:00

Tgt Ion:330 Resp: 148860

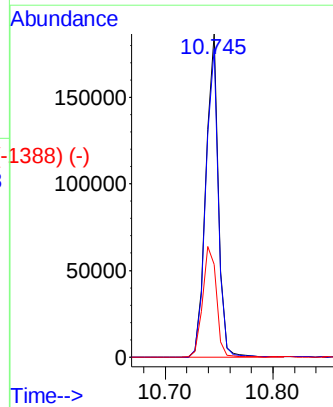
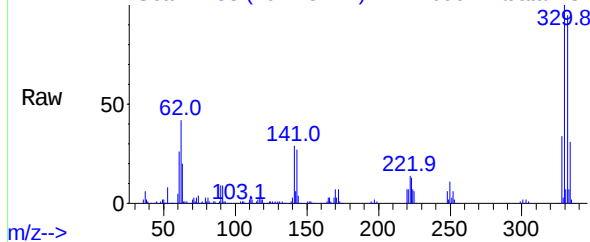
Ion Ratio Lower Upper

330 100

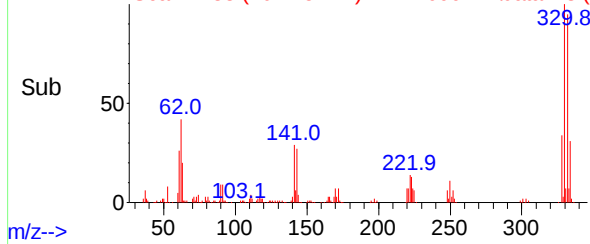
332 96.3 76.0 114.0

141 37.7 30.1 45.1

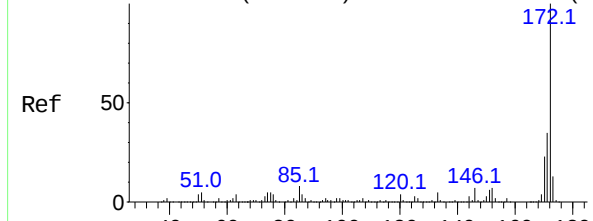
Abundance Scan 1438 (10.745 min): BF126994.D\data.ms



Abundance Scan 1438 (10.745 min): BF126994.D\data.ms (-1388) (-)



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-1185)



2-Fluorobiphenyl

Concen: 89.122 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126994.D

Acq: 22 Feb 2022 01:00

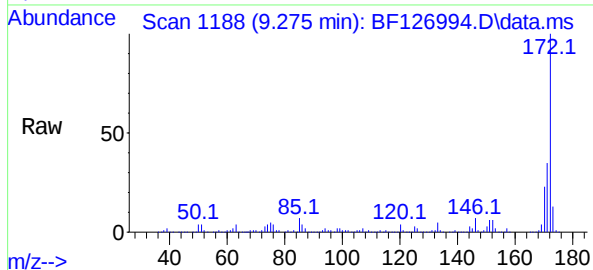
Instrument :

BNA_F

ClientSampleId :

20220083-AMENDED-BERKELEY-3-COMP

m/z-->



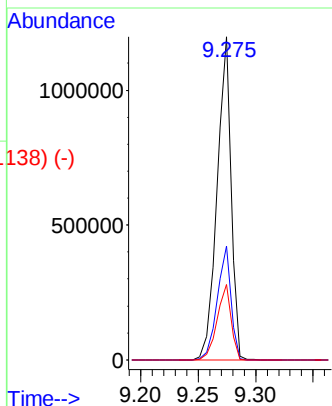
Tgt Ion:172 Resp: 1019295

Ion Ratio Lower Upper

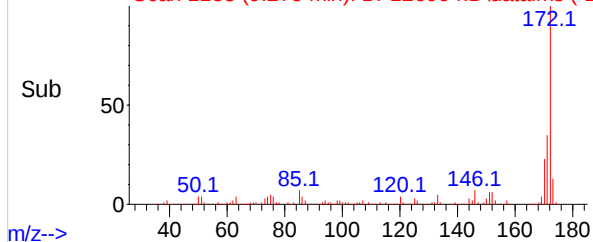
172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6

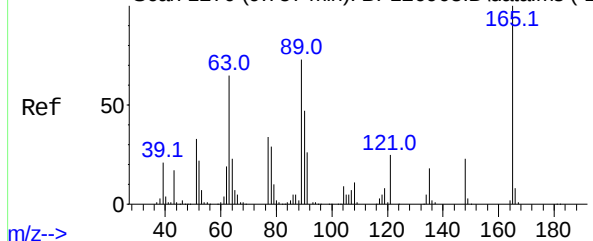


Abundance Scan 1188 (9.275 min): BF126994.D\data.ms (-1138) (-)



m/z-->

Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-1265)



2,6-Dinitrotoluene

Concen: 8.500 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.206 min

Lab File: BF126994.D

Acq: 22 Feb 2022 01:00

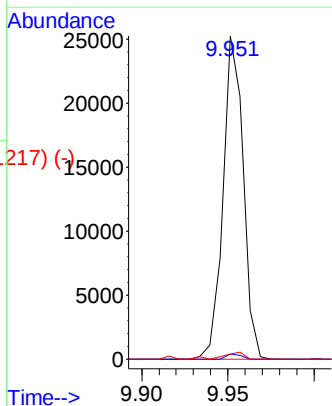
Tgt Ion:165 Resp: 20813

Ion Ratio Lower Upper

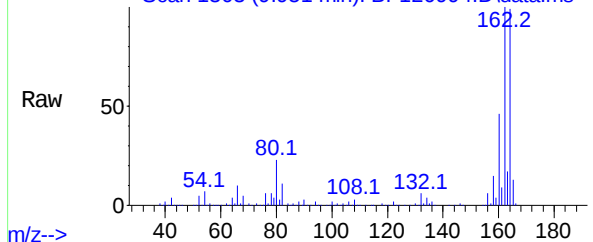
165 100

63 1.5 48.4 72.6#

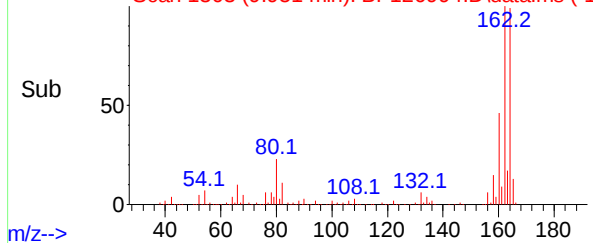
89 1.6 50.5 75.7#



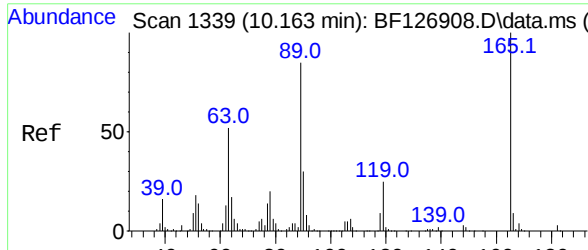
m/z-->



Abundance Scan 1303 (9.951 min): BF126994.D\data.ms (-1217) (-)



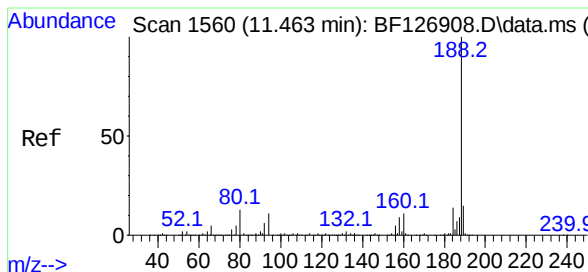
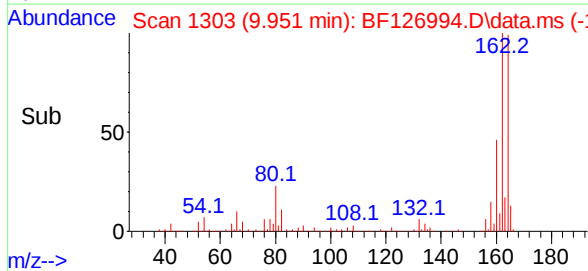
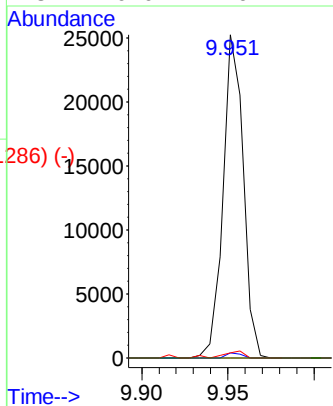
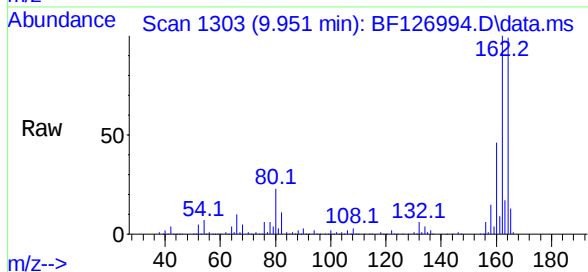
m/z-->



Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)
 2,4-Dinitrotoluene
 Concen: 6.287 ng
 RT: 9.951 min Scan# 1339
 Delta R.T. -0.200 min
 Lab File: BF126994.D
 Acq: 22 Feb 2022 01:00

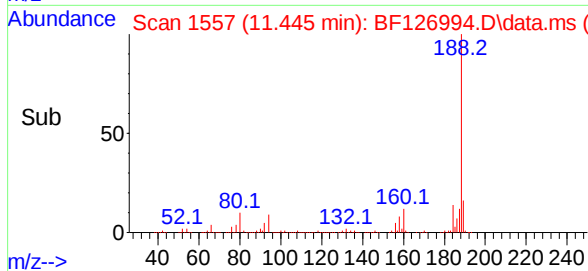
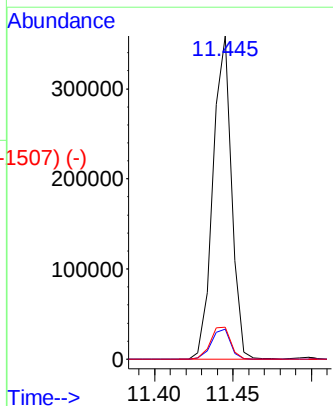
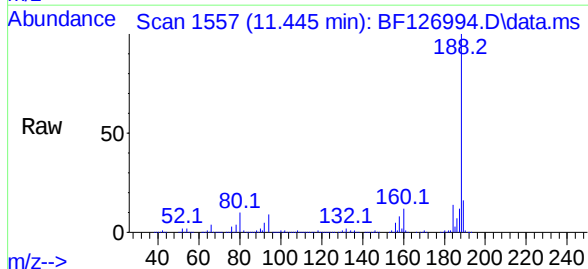
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	165	Resp:	20813
Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.0	64.6#
89	1.6	71.0	106.4#
182	0.0	1.6	2.4#

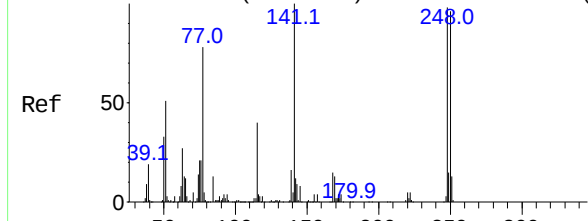


Scan 1560 (11.463 min): BF126908.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF126994.D
 Acq: 22 Feb 2022 01:00

Tgt Ion:	188	Resp:	296628
Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.1	15.1#
80	10.0	11.8	17.6#



Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)



4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 10.745 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

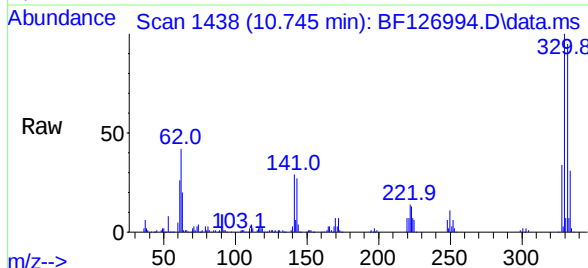
Instrument :

BNA_F

ClientSampleId :

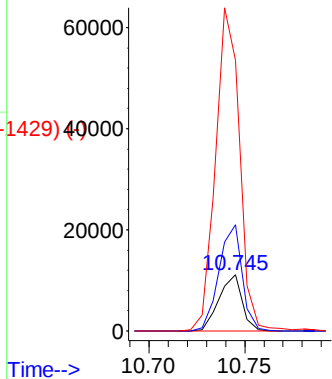
20220083-AMENDED-BERKELEY-3-COMP

m/z--> Abundance Scan 1438 (10.745 min): BF126994.D\data.ms

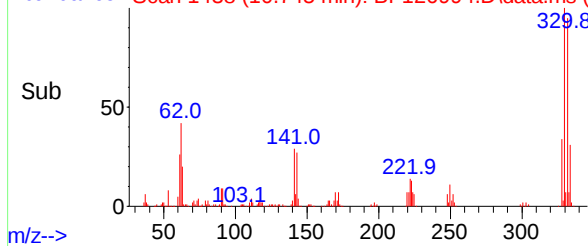


Tgt Ion:248 Resp: 9285
Ion Ratio Lower Upper
248 100
250 188.9 76.2 114.4#
141 482.3 66.2 99.4#

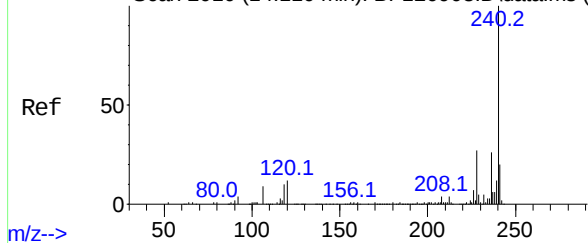
Abundance



m/z--> Abundance Scan 1438 (10.745 min): BF126994.D\data.ms (-1429) (-)



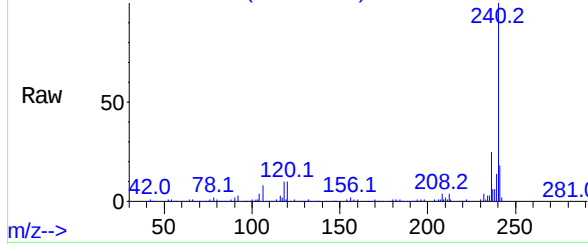
Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2010) (-)



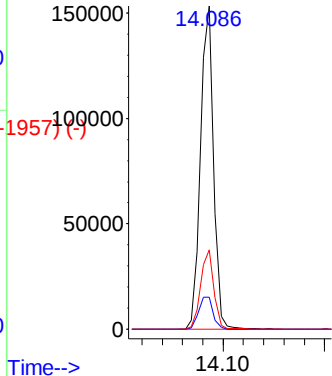
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126994.D
Acq: 22 Feb 2022 01:00

Tgt Ion:240 Resp: 136894
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 24.6 20.5 30.7

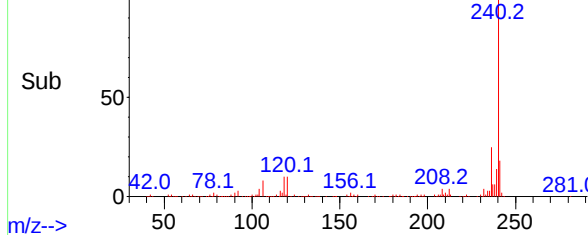
m/z--> Abundance Scan 2006 (14.086 min): BF126994.D\data.ms

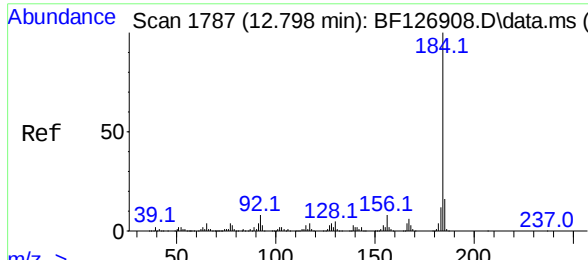


Abundance



m/z--> Abundance Scan 2006 (14.086 min): BF126994.D\data.ms (-1957) (-)

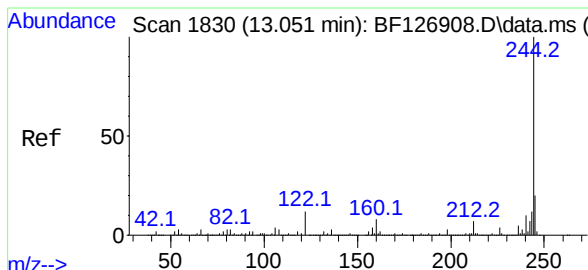
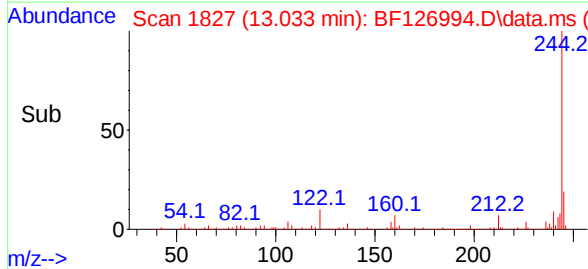
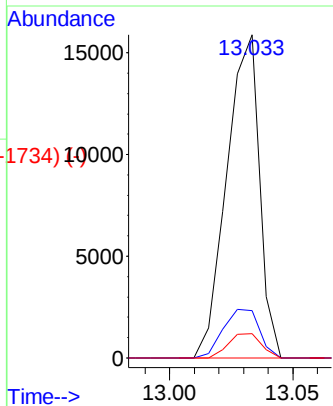
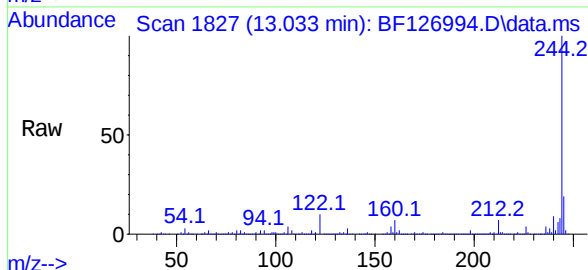




Benzidine
 Concen: 3.940 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. 0.247 min
 Lab File: BF126994.D
 Acq: 22 Feb 2022 01:00

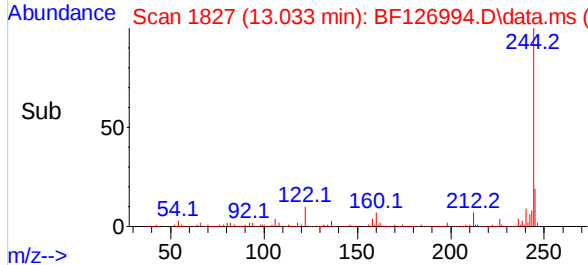
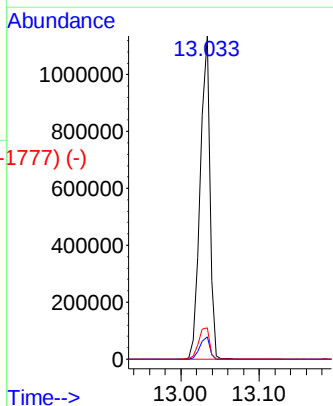
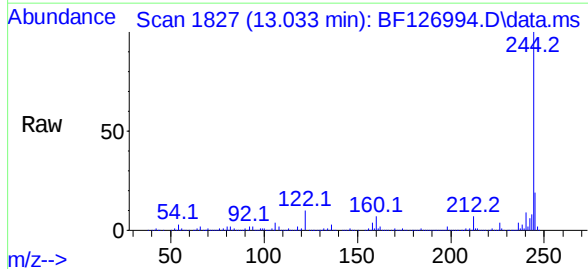
Instrument : BNA_F
 ClientSampleId : 20220083-AMENDED-BERKELEY-3-COMP

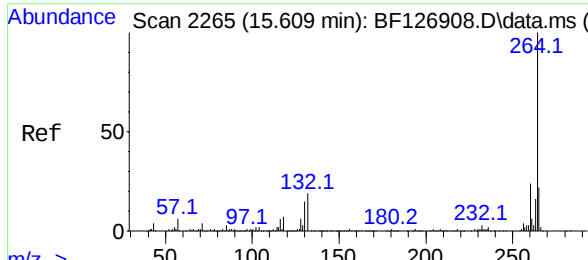
Tgt Ion:	184	Resp:	14657
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	7.6	8.2	12.2#



Terphenyl-d14
 Concen: 102.982 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF126994.D
 Acq: 22 Feb 2022 01:00

Tgt Ion:	244	Resp:	958996
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	9.7	13.3	19.9#





Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF126994.D
 Acq: 22 Feb 2022 01:00

Instrument : BNA_F
 ClientSampleId : 20220083-AMENDED-BERKELEY-3-COMP

Tgt Ion:	264	Resp:	148526
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	17.4	26.2

