

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126990.D
 Acq On : 21 Feb 2022 23:09
 Operator : CG\JU
 Sample : N1602-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220077A-BERKELEY-4A-COMP

Quant Time: Feb 22 03:53:31 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)

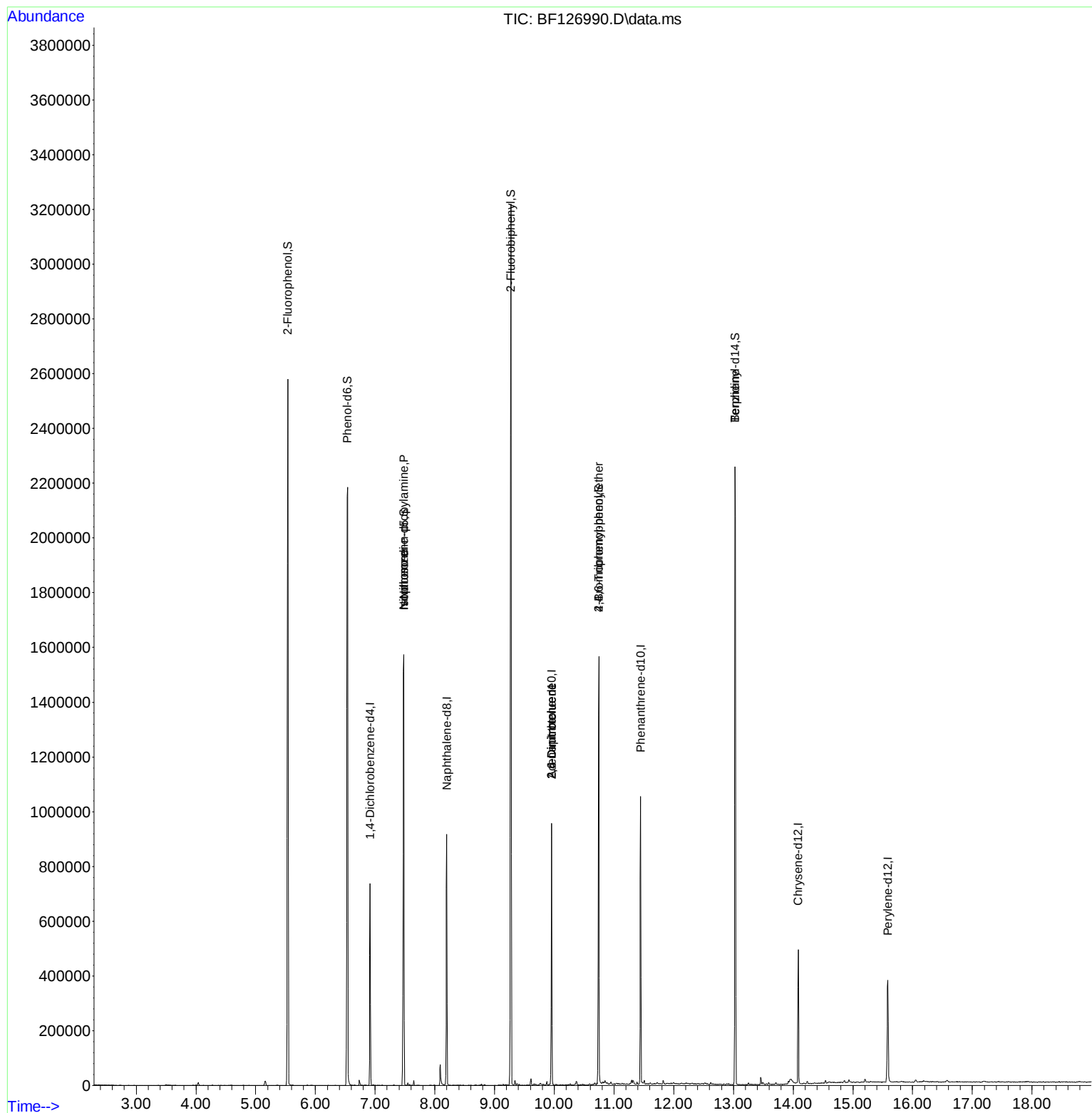
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	90936	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	191546	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	335483	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	144659	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	166821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	600179	102.008	ng	0.00
7) Phenol-d6	6.539	99	790718	99.598	ng	0.00
23) Nitrobenzene-d5	7.481	82	554896	68.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	170904	77.494	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	871842	67.007	ng	0.00
79) Terphenyl-d14	13.027	244	760132	77.245	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	75879	14.832	ng	# 79
25) Isophorone	7.481	82	554069	41.228	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	25413	9.123	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	25413	6.747	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	9960	2.657	ng	# 1
77) Benzidine	13.027	184	11268	2.866	ng	# 96

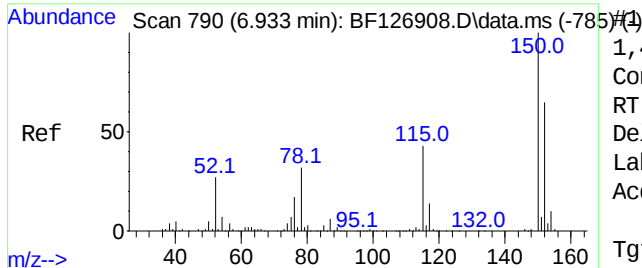
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF126990.D

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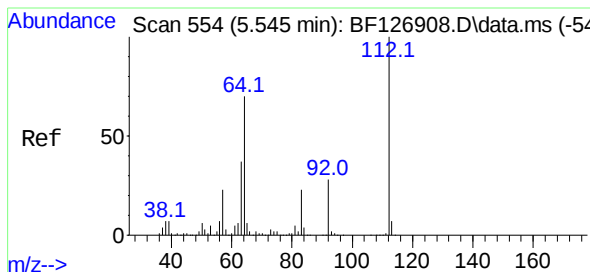
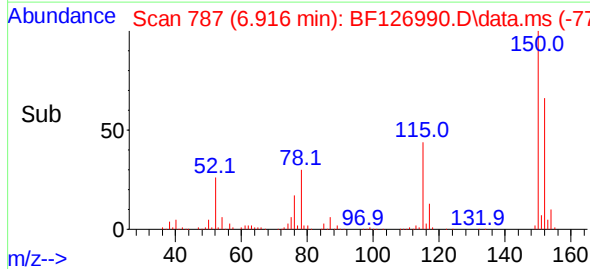
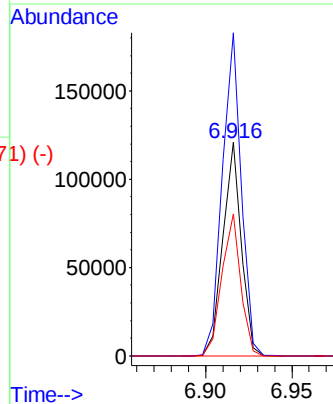
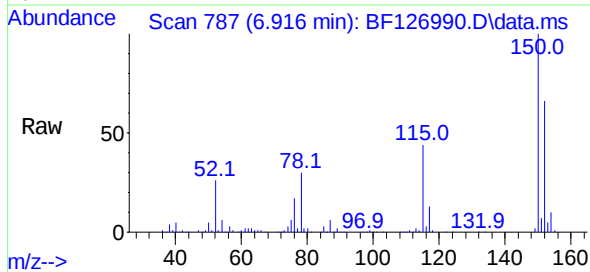
Tgt Ion:152 Resp: 90936

Ion Ratio Lower Upper

152 100

150 151.2 128.1 192.1

115 66.5 56.7 85.1



2-Fluorophenol

Concen: 102.008 ng

RT: 5.539 min Scan# 553

Delta R.T. -0.000 min

Lab File: BF126990.D

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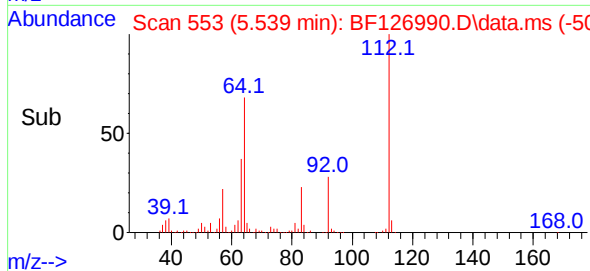
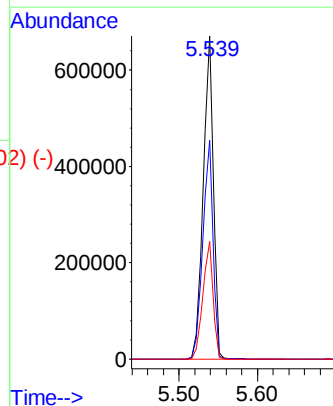
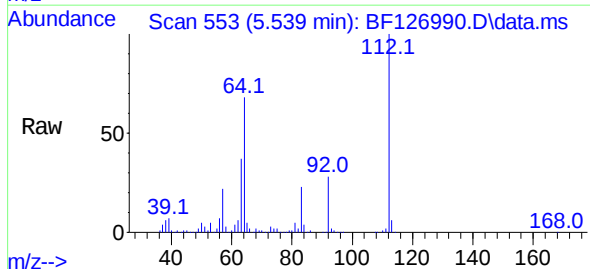
Tgt Ion:112 Resp: 600179

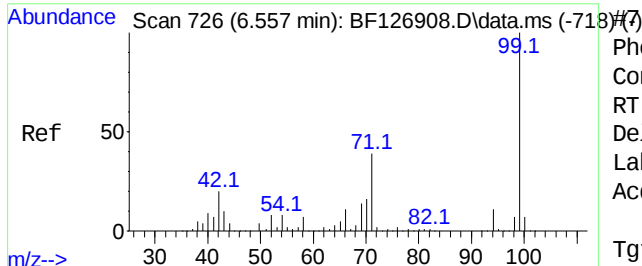
Ion Ratio Lower Upper

112 100

64 67.7 49.5 74.3

63 36.5 23.9 35.9#

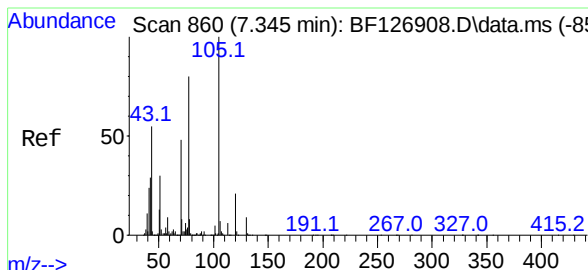
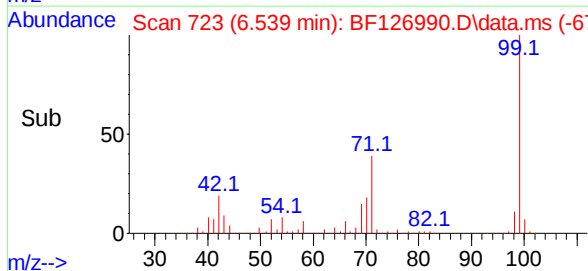
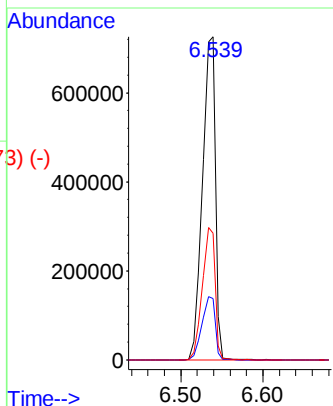
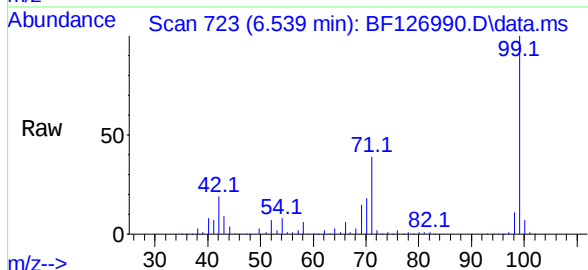




Phenol-d6
 Concen: 99.598 ng
 RT: 6.539 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

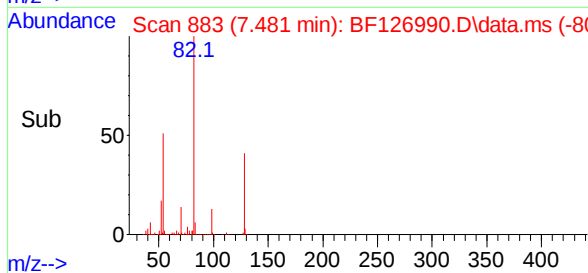
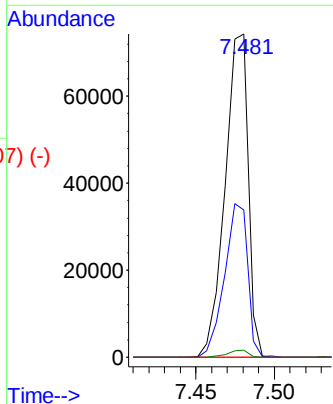
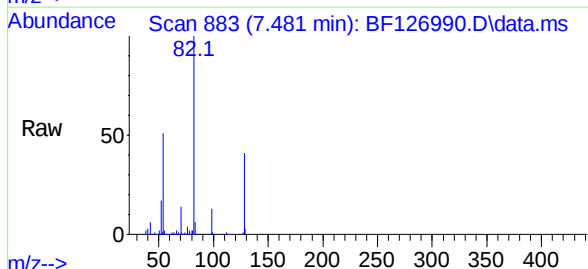
Instrument :
 BNA_F
 ClientSampleId :
 20220077A-BERKELEY-4A-COMP

Tgt Ion: 99 Resp: 790718
 Ion Ratio Lower Upper
 99 100
 42 19.0 14.2 21.4
 71 39.3 24.3 36.5#



n-Nitroso-di-n-propylamine
 Concen: 14.832 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

Tgt Ion: 70 Resp: 75879
 Ion Ratio Lower Upper
 70 100
 42 45.6 45.8 68.8#
 101 0.0 6.9 10.3#
 130 2.2 14.4 21.6#



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF126990.D

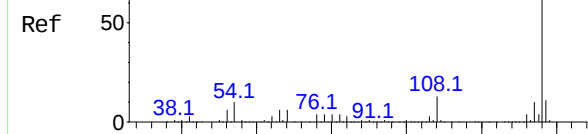
Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

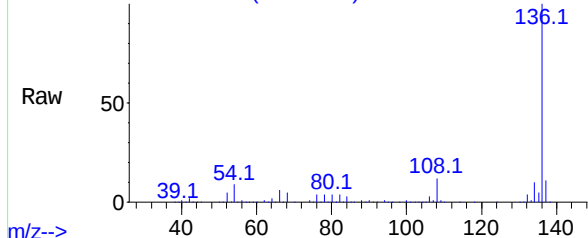
ClientSampleId :

20220077A-BERKELEY-4A-COMP



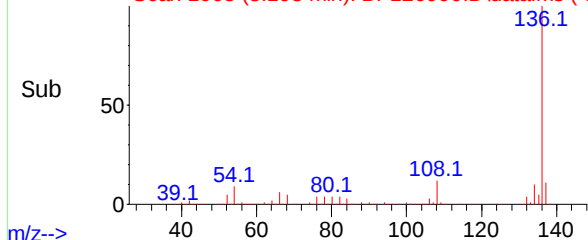
m/z-->

Abundance Scan 1005 (8.198 min): BF126990.D\data.ms



m/z-->

Abundance Scan 1005 (8.198 min): BF126990.D\data.ms (-955) (-)



m/z-->

Tgt Ion:136 Resp: 366592

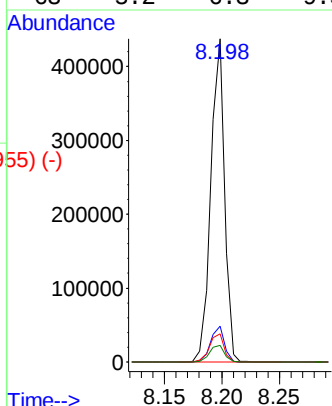
Ion Ratio Lower Upper

136 100

137 11.0 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) (-)

Nitrobenzene-d5

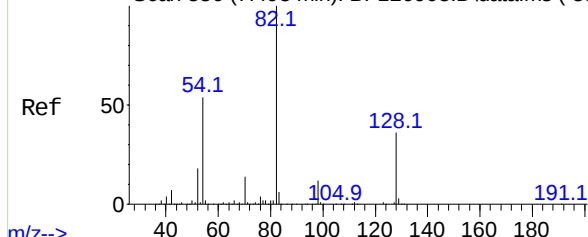
Concen: 68.323 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

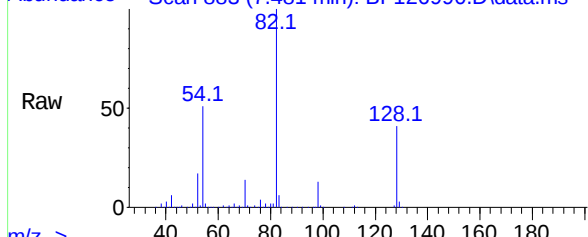
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09



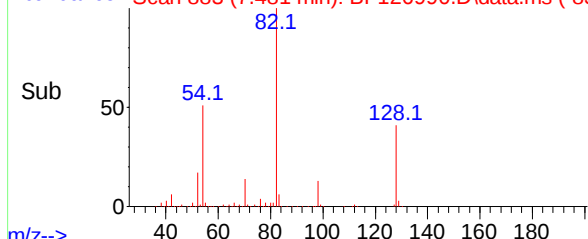
m/z-->

Abundance Scan 883 (7.481 min): BF126990.D\data.ms



m/z-->

Abundance Scan 883 (7.481 min): BF126990.D\data.ms (-834) (-)



m/z-->

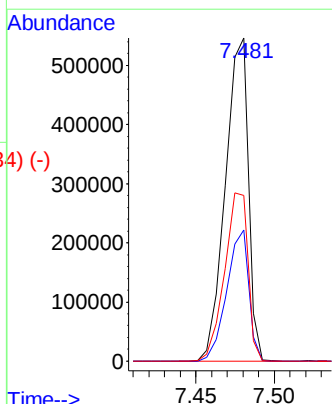
Tgt Ion: 82 Resp: 554896

Ion Ratio Lower Upper

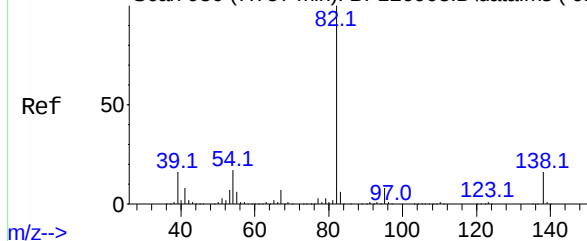
82 100

128 40.7 32.7 49.1

54 51.2 41.7 62.5



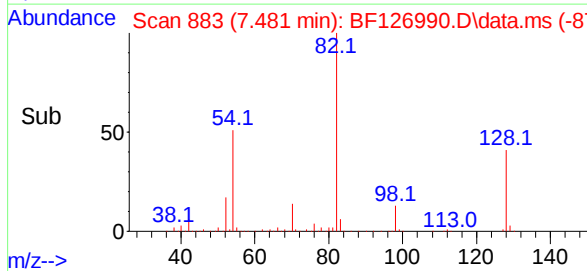
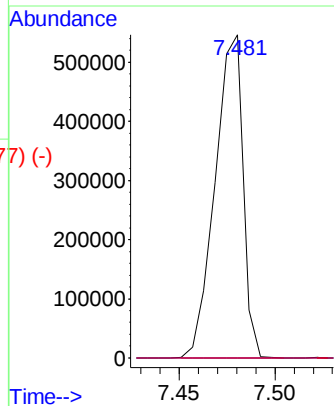
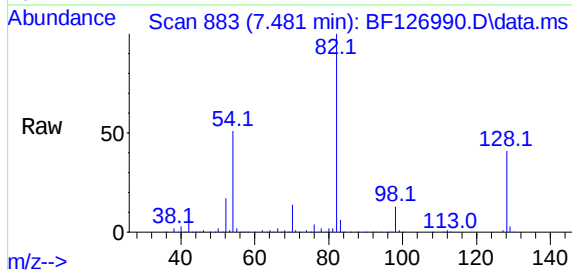
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



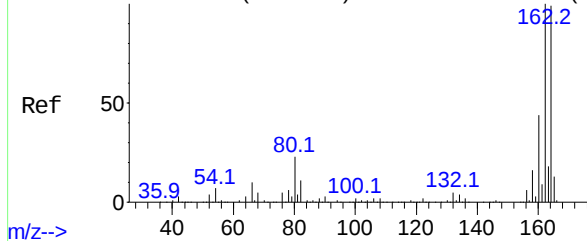
Isophorone
Concen: 41.228 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

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20220077A-BERKELEY-4A-COMP

Tgt Ion: 82 Resp: 554069
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

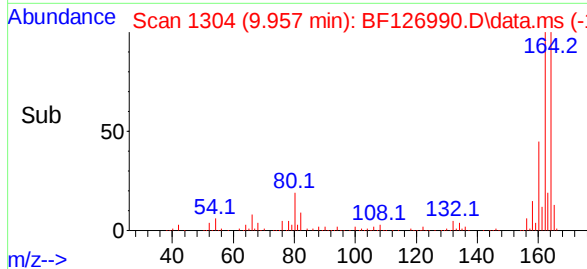
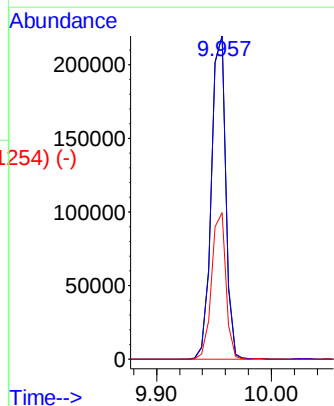
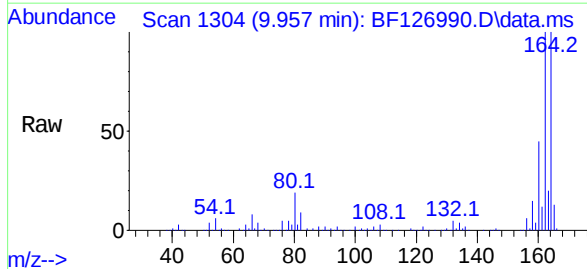


Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

Tgt Ion: 164 Resp: 191546
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 45.4 36.6 54.8



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1438) (-)

2,4,6-Tribromophenol

Concen: 77.494 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126990.D

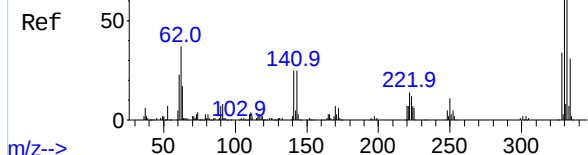
Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

20220077A-BERKELEY-4A-COMP



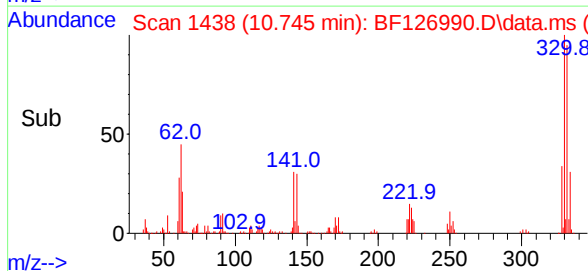
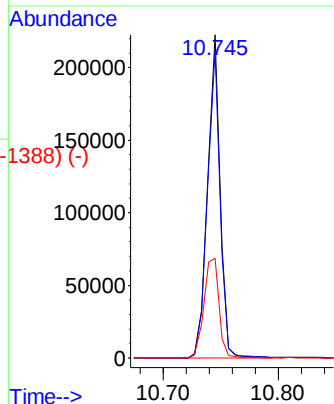
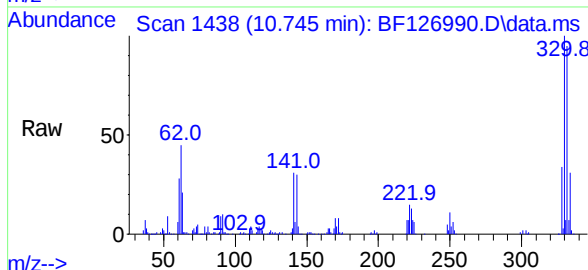
Tgt Ion:330 Resp: 170904

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 36.6 30.1 45.1



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

2-Fluorobiphenyl

Concen: 67.007 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

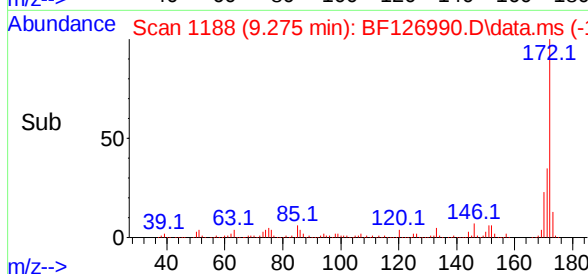
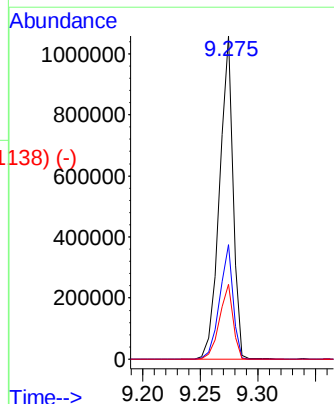
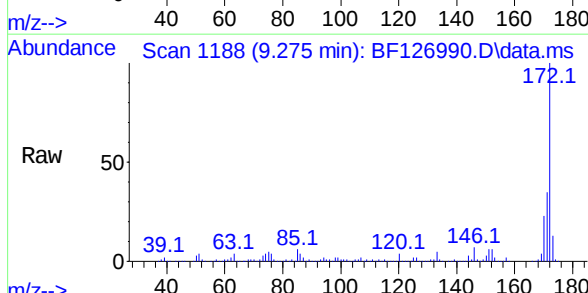
Tgt Ion:172 Resp: 871842

Ion Ratio Lower Upper

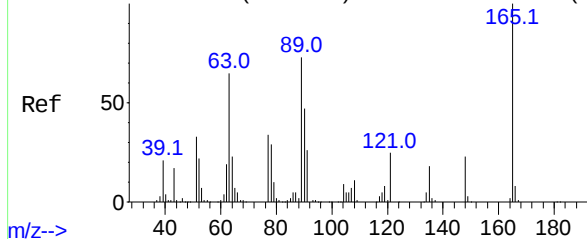
172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-1264) (-)



2,6-Dinitrotoluene

Concen: 9.123 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

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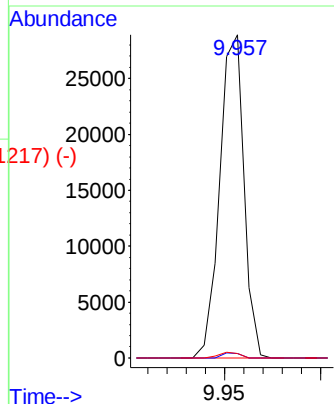
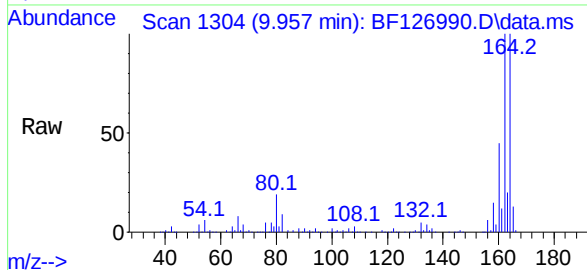
Tgt Ion:165 Resp: 25413

Ion Ratio Lower Upper

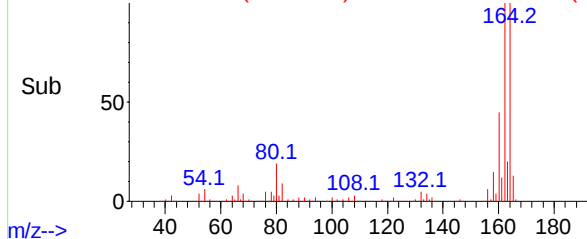
165 100

63 1.4 48.4 72.6#

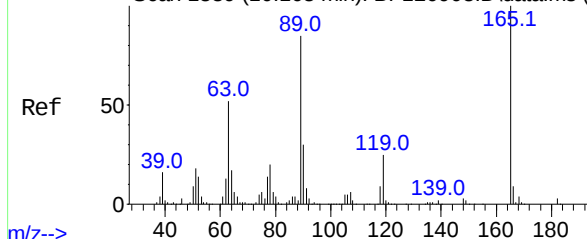
89 1.3 50.5 75.7#



Abundance Scan 1304 (9.957 min): BF126990.D\data.ms (-1217) (-)



Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



2,4-Dinitrotoluene

Concen: 6.747 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Tgt Ion:165 Resp: 25413

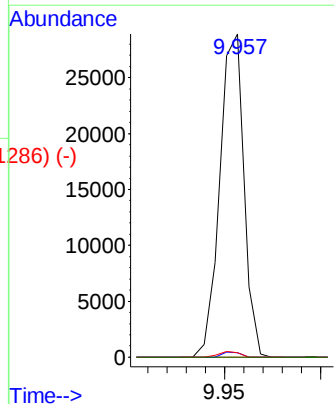
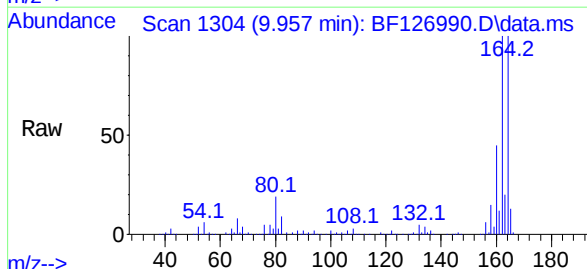
Ion Ratio Lower Upper

165 100

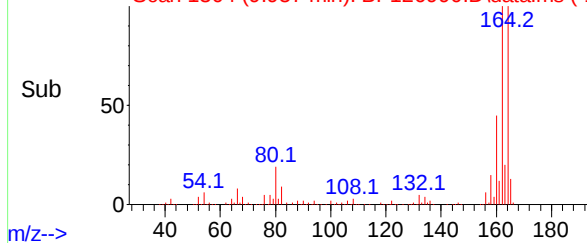
63 1.4 43.0 64.6#

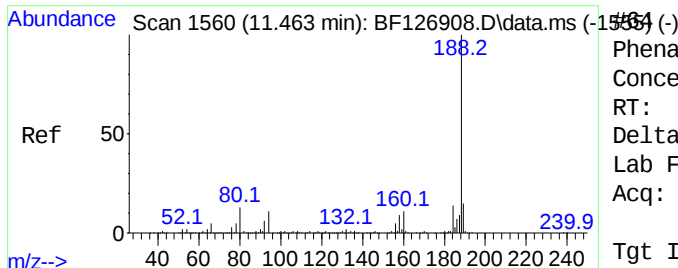
89 1.3 71.0 106.4#

182 0.0 1.6 2.4#



Abundance Scan 1304 (9.957 min): BF126990.D\data.ms (-1286) (-)

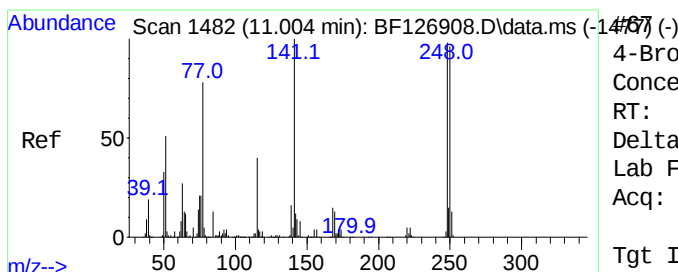
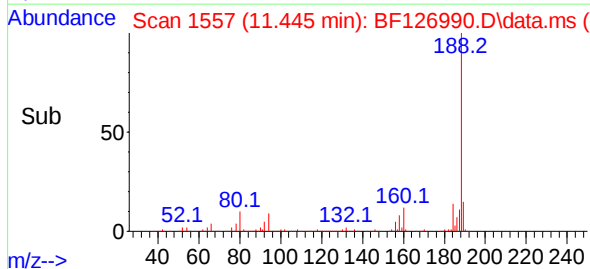
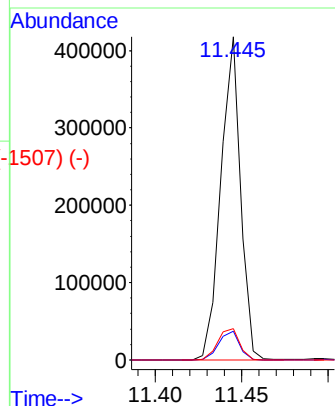
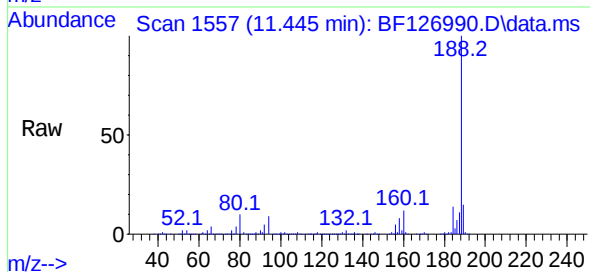




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

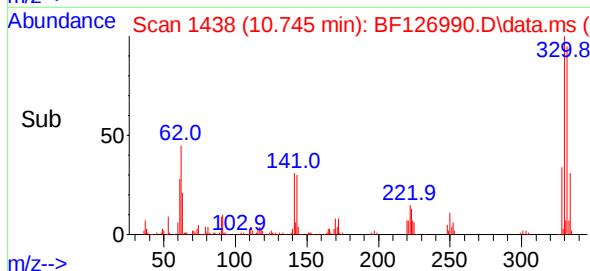
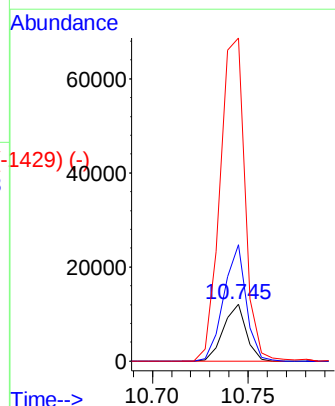
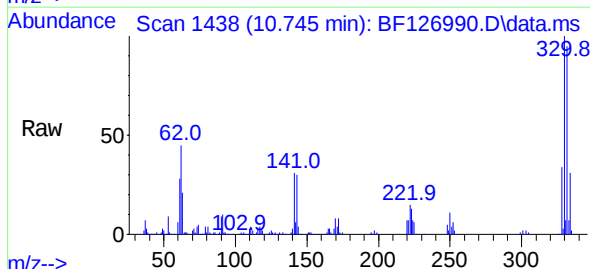
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Tgt Ion:	188	Resp:	335483
Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.1	15.1#
80	9.8	11.8	17.6#

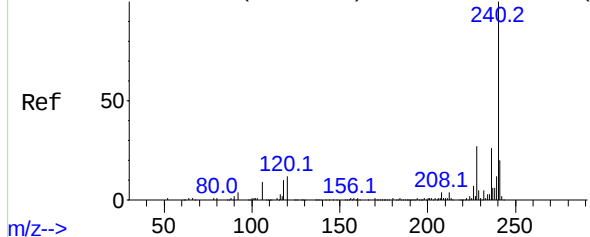


4-Bromophenyl-phenylether
 Concen: 2.657 ng
 RT: 10.745 min Scan# 1438
 Delta R.T. -0.247 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

Tgt Ion:	248	Resp:	9960
Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.2	114.4#
141	567.2	66.2	99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2074) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

20220077A-BERKELEY-4A-COMP

Tgt Ion:240 Resp: 144659

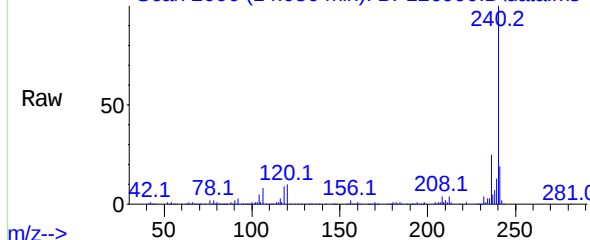
Ion Ratio Lower Upper

240 100

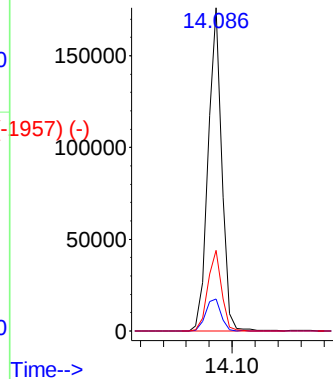
120 10.0 14.4 21.6#

236 24.9 20.5 30.7

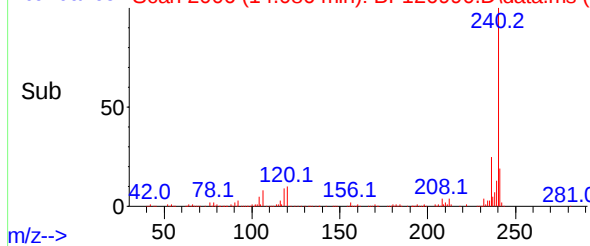
Abundance Scan 2006 (14.086 min): BF126990.D\data.ms



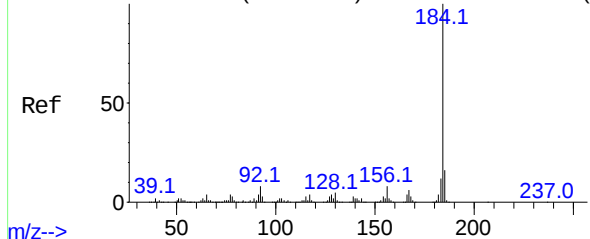
Abundance



Abundance Scan 2006 (14.086 min): BF126990.D\data.ms (-1957) (-)



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1757) (-)



Benzidine

Concen: 2.866 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.241 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Tgt Ion:184 Resp: 11268

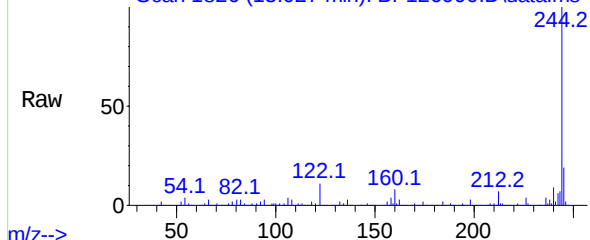
Ion Ratio Lower Upper

184 100

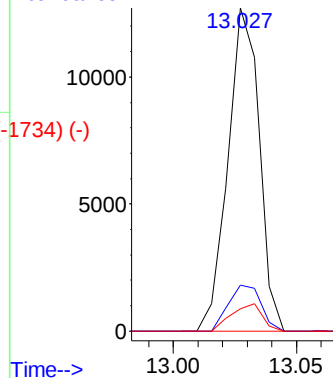
185 14.3 11.8 17.8

183 6.9 8.2 12.2#

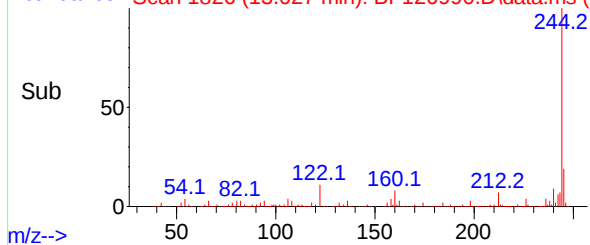
Abundance Scan 1826 (13.027 min): BF126990.D\data.ms



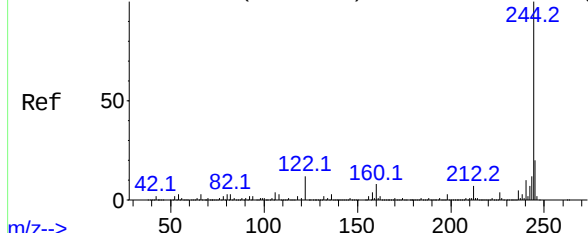
Abundance



Abundance Scan 1826 (13.027 min): BF126990.D\data.ms (-1734) (-)



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)



Terphenyl-d14

Concen: 77.245 ng

RT: 13.027 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

20220077A-BERKELEY-4A-COMP

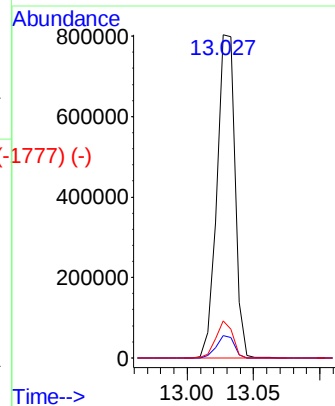
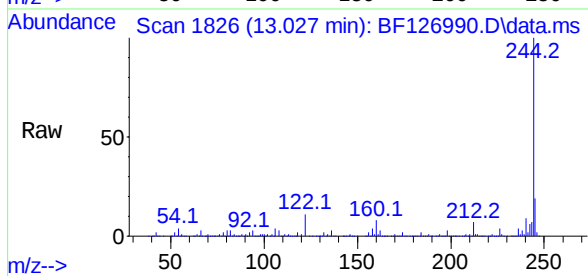
Tgt Ion:244 Resp: 760132

Ion Ratio Lower Upper

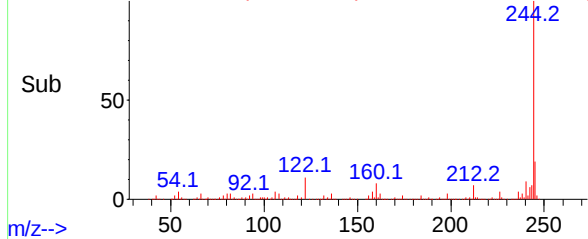
244 100

212 6.9 5.0 7.4

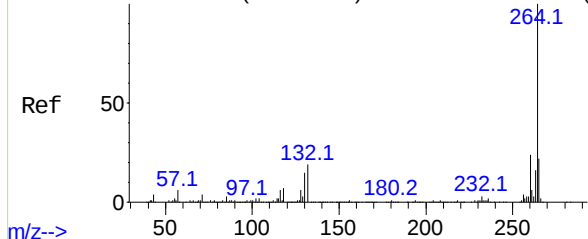
122 11.5 13.3 19.9#



Abundance Scan 1826 (13.027 min): BF126990.D\data.ms (-1777) (-)



Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2286) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

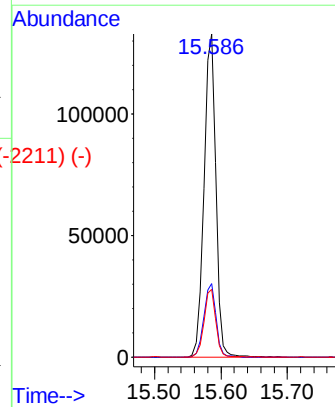
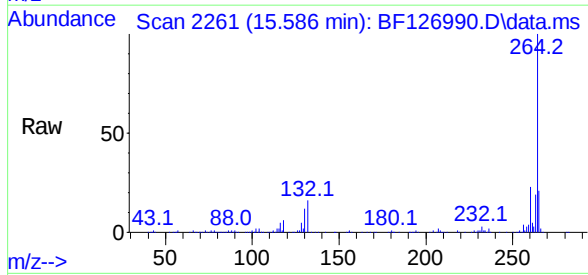
Tgt Ion:264 Resp: 166821

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 17.4 26.2



Abundance Scan 2261 (15.586 min): BF126990.D\data.ms (-2211) (-)

