

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126992.D
 Acq On : 22 Feb 2022 00:05
 Operator : CG\JU
 Sample : N1602-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220078-BERKELEY-6-COMP

Quant Time: Feb 22 03:54:18 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)

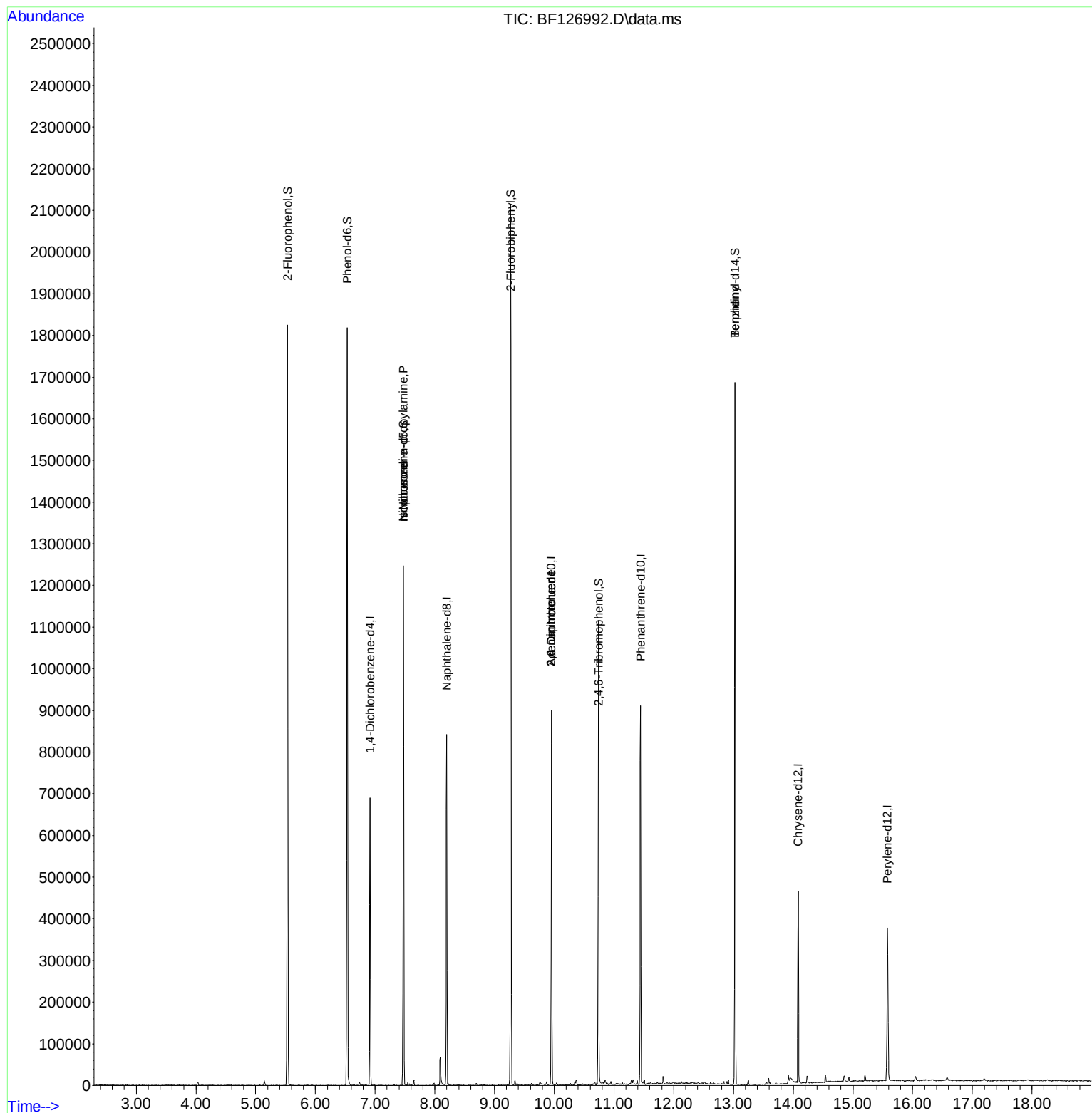
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	82708	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	338064	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	176429	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	308092	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	141476	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	157921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	414144	77.392	ng	0.00
7) Phenol-d6	6.534	99	541988	75.060	ng	-0.01
23) Nitrobenzene-d5	7.475	82	375544	50.142	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	114383	56.309	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	579198	48.329	ng	-0.01
79) Terphenyl-d14	13.027	244	497244	51.667	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	50445	10.842	ng	# 80
25) Isophorone	7.475	82	374493	30.217	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	22583	8.802	ng	# 22
57) 2,4-Dinitrotoluene	9.951	165	22583	6.510	ng	# 15
77) Benzidine	13.027	184	7754	2.017	ng	# 94

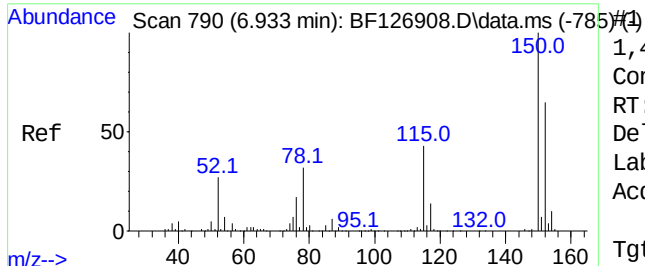
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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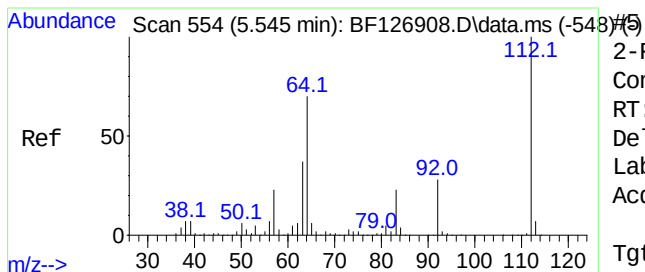
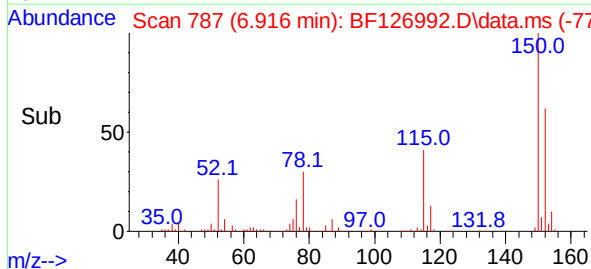
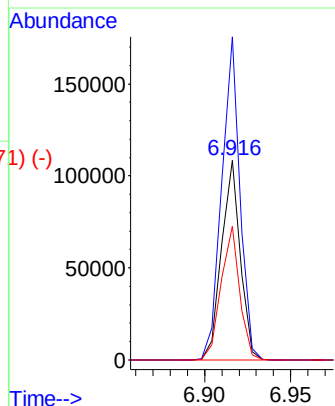
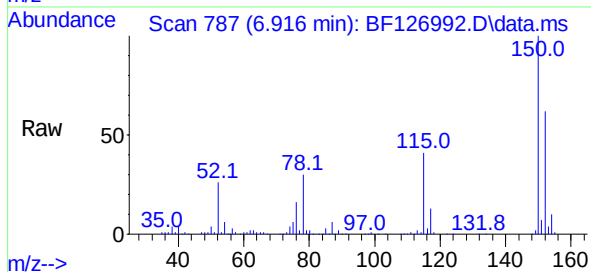




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126992.D
 Acq: 22 Feb 2022 00:05

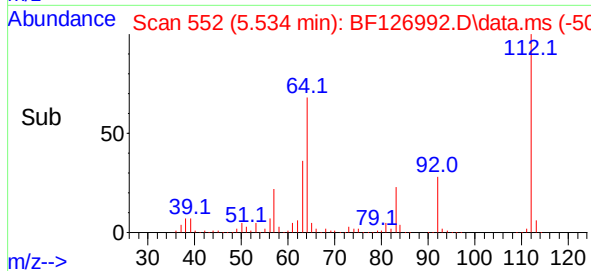
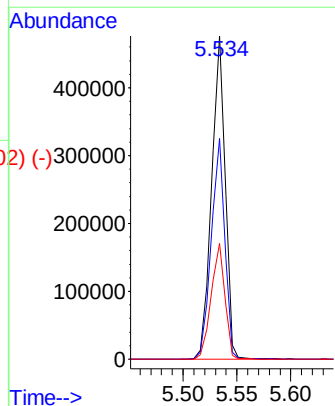
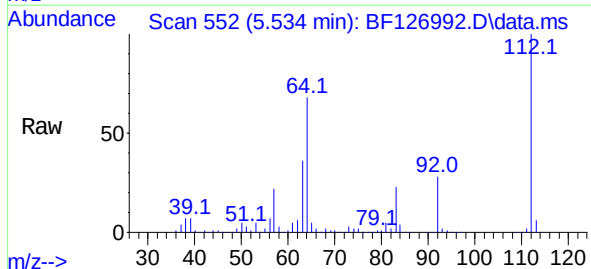
Instrument :
 BNA_F
 ClientSampleId :
 20220078-BERKELEY-6-COMP

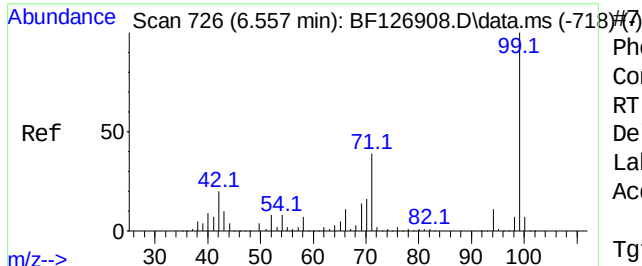
Tgt Ion:152 Resp: 82708
 Ion Ratio Lower Upper
 152 100
 150 161.8 128.1 192.1
 115 66.9 56.7 85.1



2-Fluorophenol
 Concen: 77.392 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF126992.D
 Acq: 22 Feb 2022 00:05

Tgt Ion:112 Resp: 414144
 Ion Ratio Lower Upper
 112 100
 64 68.2 49.5 74.3
 63 35.9 23.9 35.9#

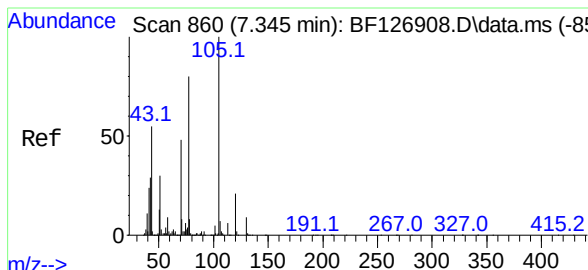
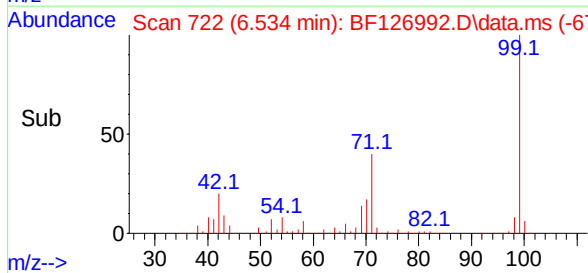
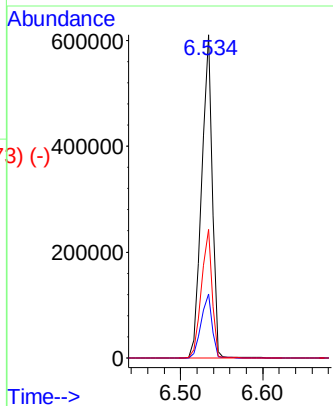
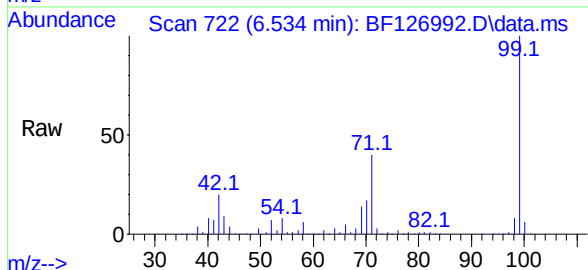




Phenol-d6
Concen: 75.060 ng
RT: 6.534 min Scan#
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

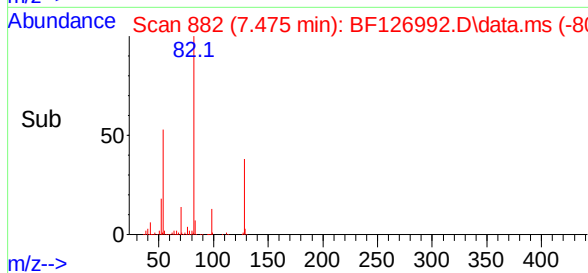
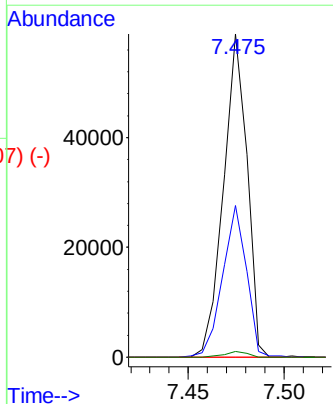
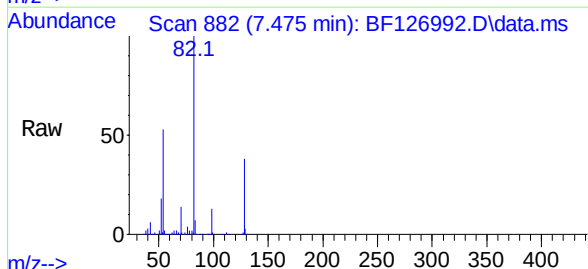
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion: 99 Resp: 541988
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 39.7 24.3 36.5#



n-Nitroso-di-n-propylamine
Concen: 10.842 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion: 70 Resp: 50445
Ion Ratio Lower Upper
70 100
42 47.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 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: BF126992.D

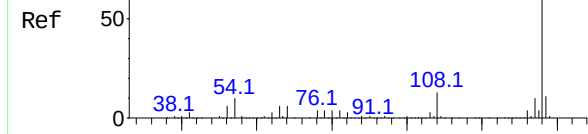
Acq: 22 Feb 2022 00:05

Instrument :

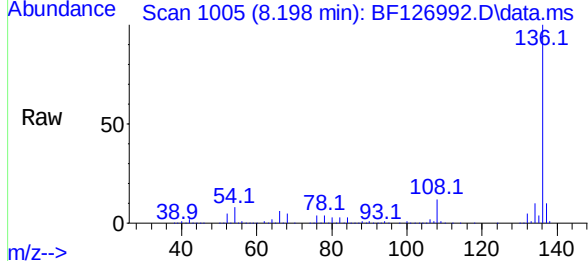
BNA_F

ClientSampleId :

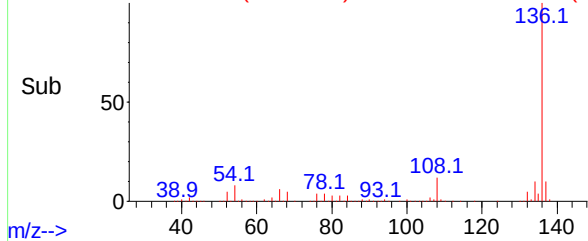
20220078-BERKELEY-6-COMP



m/z-->



m/z-->



m/z-->

Tgt Ion:136 Resp: 338064

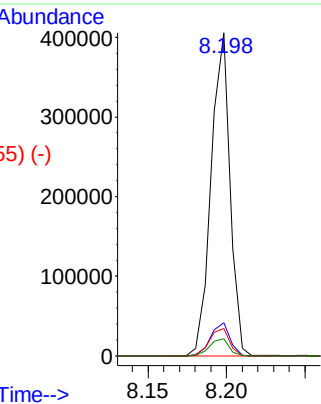
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 8.4 7.8 11.6

68 5.3 6.3 9.5#



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880423)

Nitrobenzene-d5

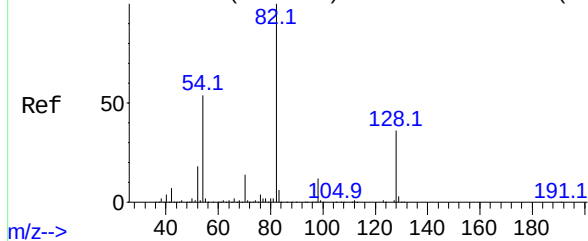
Concen: 50.142 ng

RT: 7.475 min Scan# 882

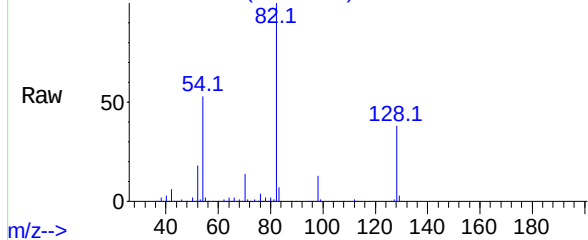
Delta R.T. -0.018 min

Lab File: BF126992.D

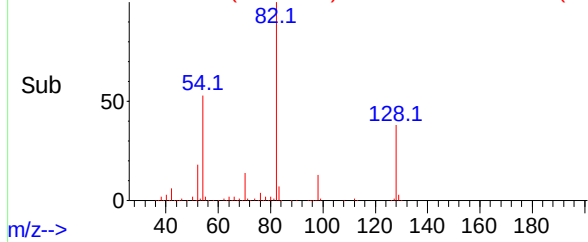
Acq: 22 Feb 2022 00:05



m/z-->



m/z-->



m/z-->

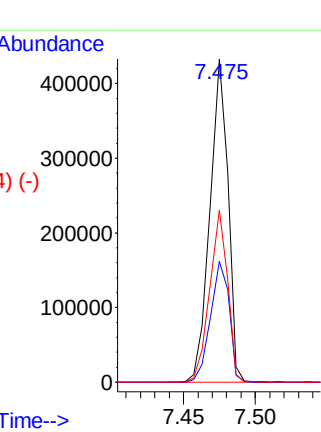
Tgt Ion: 82 Resp: 375544

Ion Ratio Lower Upper

82 100

128 37.5 32.7 49.1

54 53.3 41.7 62.5



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

Isophorone

Concen: 30.217 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.271 min

Lab File: BF126992.D

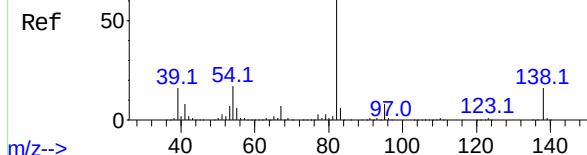
Acq: 22 Feb 2022 00:05

Instrument :

BNA_F

ClientSampleId :

20220078-BERKELEY-6-COMP



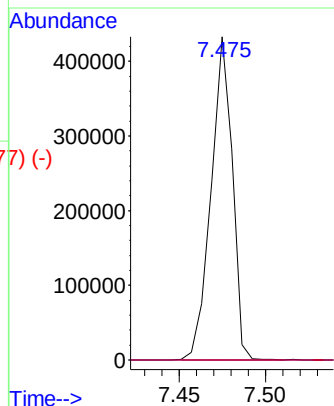
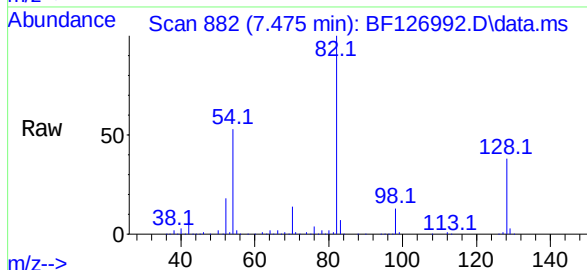
Tgt Ion: 82 Resp: 374493

Ion Ratio Lower Upper

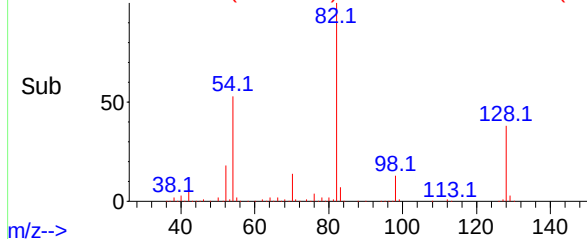
82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



Abundance Scan 882 (7.475 min): BF126992.D\data.ms (-877) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1303) #39

Acenaphthene-d10

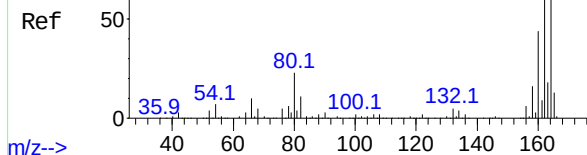
Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF126992.D

Acq: 22 Feb 2022 00:05



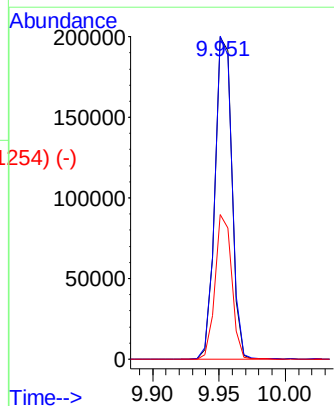
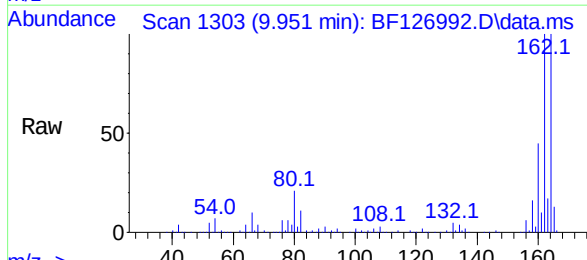
Tgt Ion: 164 Resp: 176429

Ion Ratio Lower Upper

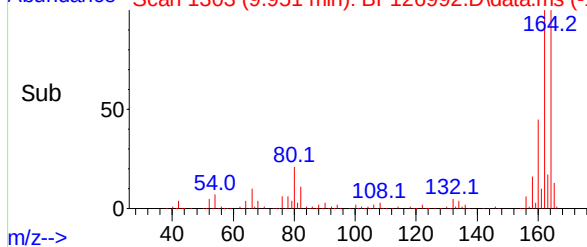
164 100

162 100.4 81.4 122.0

160 45.0 36.6 54.8



Abundance Scan 1303 (9.951 min): BF126992.D\data.ms (-1254) (-)



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

2,4,6-Tribromophenol

Concen: 56.309 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126992.D

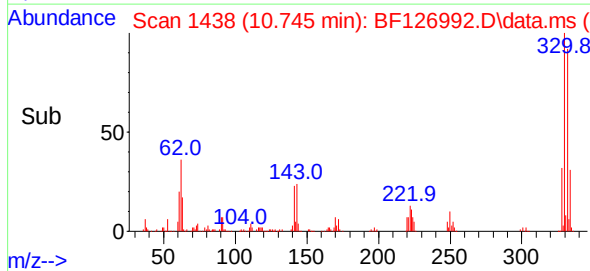
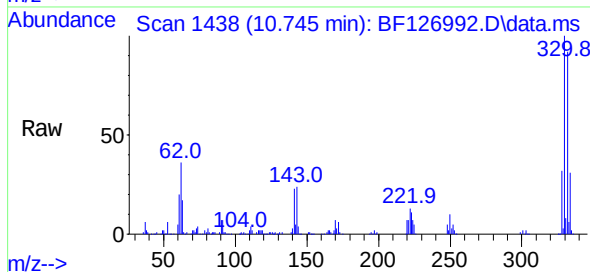
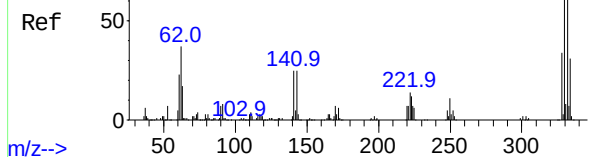
Acq: 22 Feb 2022 00:05

Instrument :

BNA_F

ClientSampleId :

20220078-BERKELEY-6-COMP



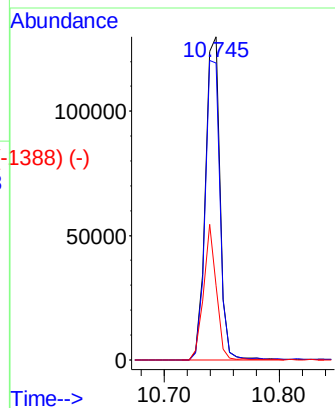
Tgt Ion:330 Resp: 114383

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 36.7 30.1 45.1



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

2-Fluorobiphenyl

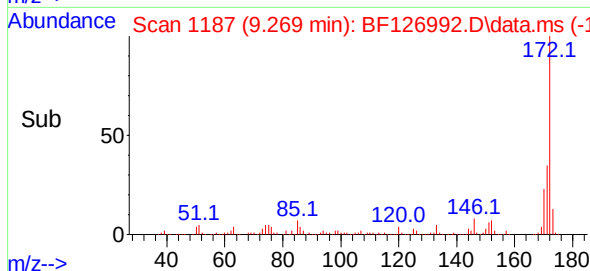
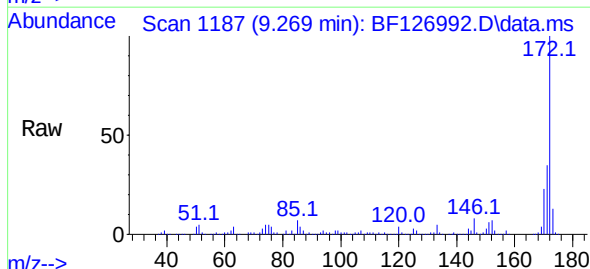
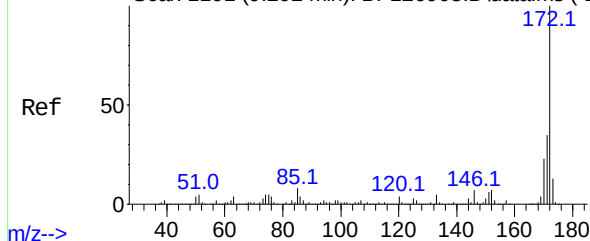
Concen: 48.329 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.012 min

Lab File: BF126992.D

Acq: 22 Feb 2022 00:05



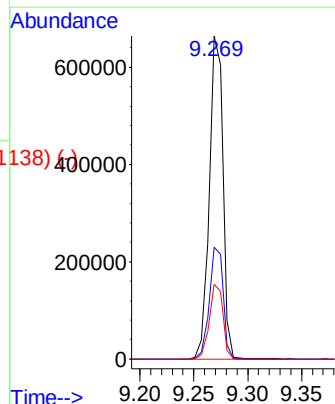
Tgt Ion:172 Resp: 579198

Ion Ratio Lower Upper

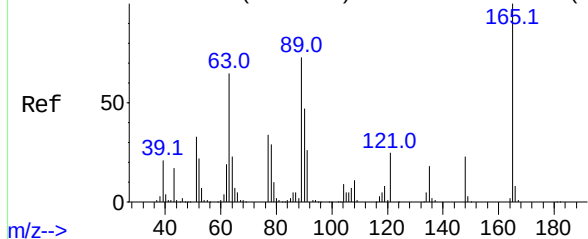
172 100

171 34.7 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: 8.802 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.206 min

Lab File: BF126992.D

Acq: 22 Feb 2022 00:05

Instrument :

BNA_F

ClientSampleId :

20220078-BERKELEY-6-COMP

Tgt Ion:165 Resp: 22583

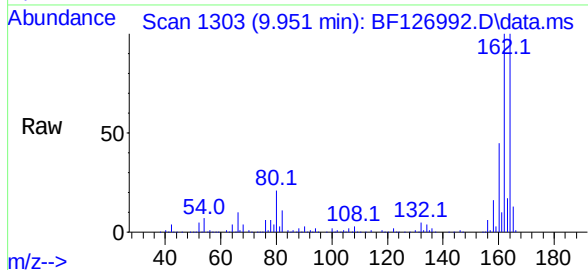
Ion Ratio Lower Upper

165 100

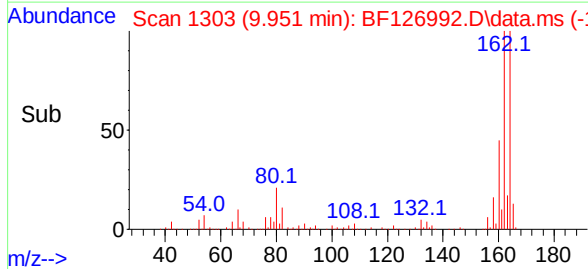
63 1.6 48.4 72.6#

89 1.6 50.5 75.7#

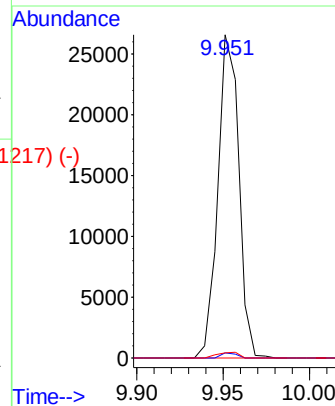
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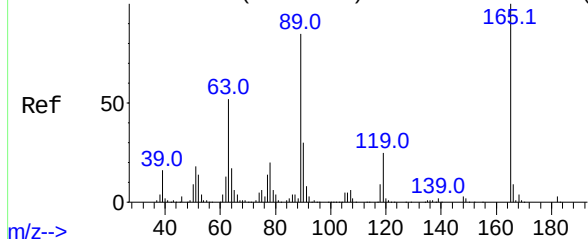
m/z-->



m/z-->



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



2,4-Dinitrotoluene

Concen: 6.510 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.200 min

Lab File: BF126992.D

Acq: 22 Feb 2022 00:05

Tgt Ion:165 Resp: 22583

Ion Ratio Lower Upper

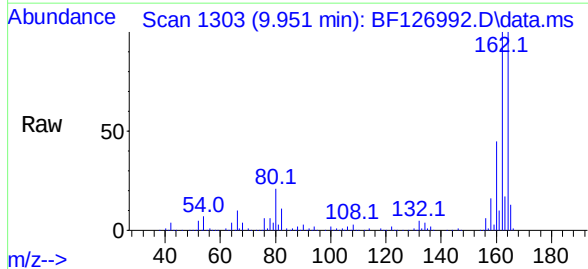
165 100

63 1.6 43.0 64.6#

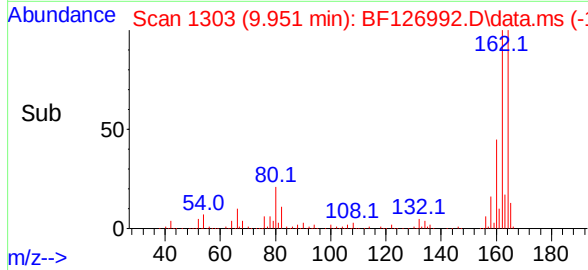
89 1.6 71.0 106.4#

182 0.0 1.6 2.4#

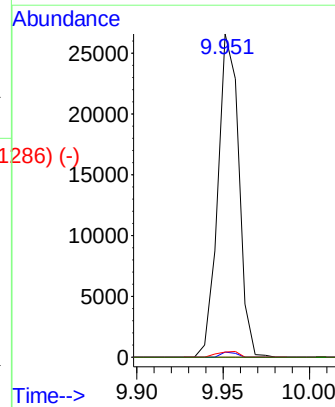
m/z-->

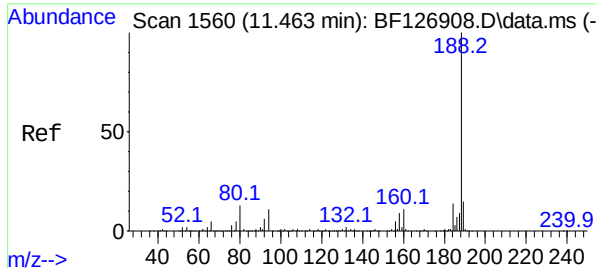


m/z-->



m/z-->

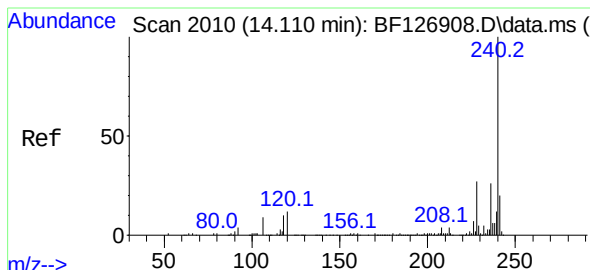
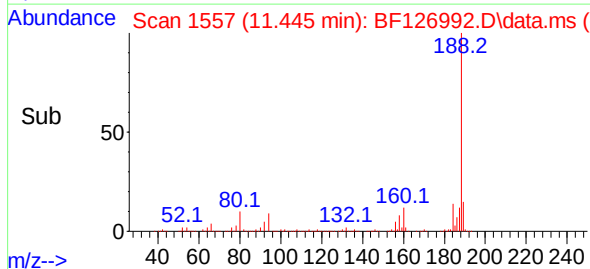
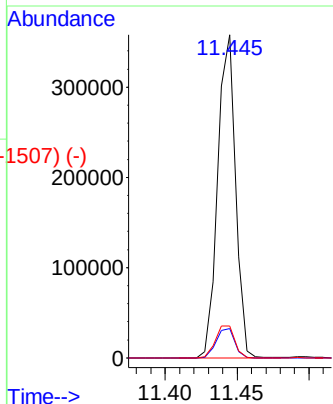
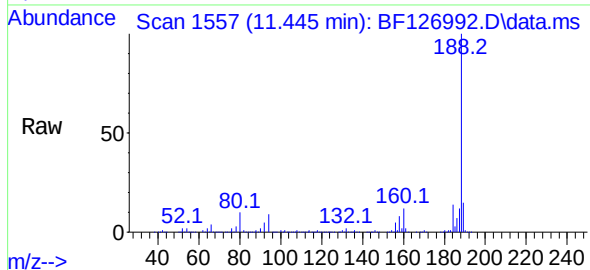




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126992.D
 Acq: 22 Feb 2022 00:05

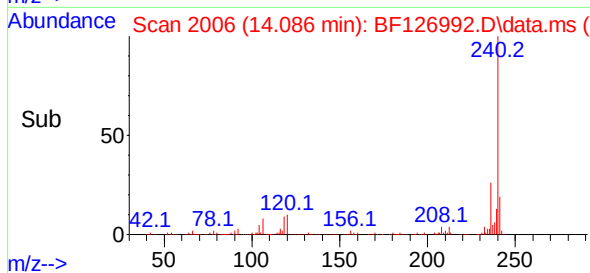
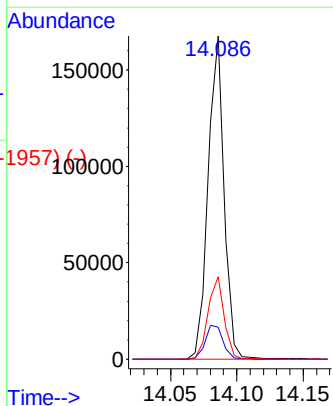
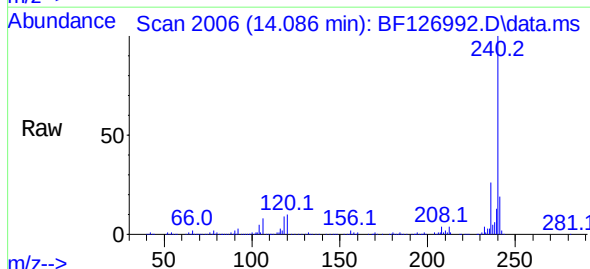
Instrument :
 BNA_F
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 20220078-BERKELEY-6-COMP

Tgt Ion:	188	Resp:	308092
Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.1	15.1#
80	9.9	11.8	17.6#

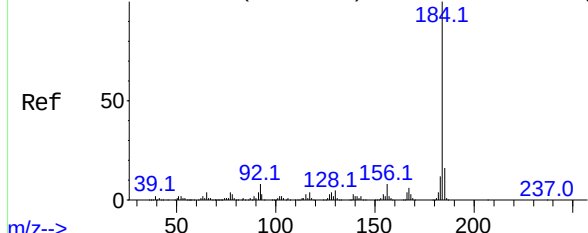


Chrysene-d12
 Concen: 20.000 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.012 min
 Lab File: BF126992.D
 Acq: 22 Feb 2022 00:05

Tgt Ion:	240	Resp:	141476
Ion	Ratio	Lower	Upper
240	100		
120	9.8	14.4	21.6#
236	25.6	20.5	30.7



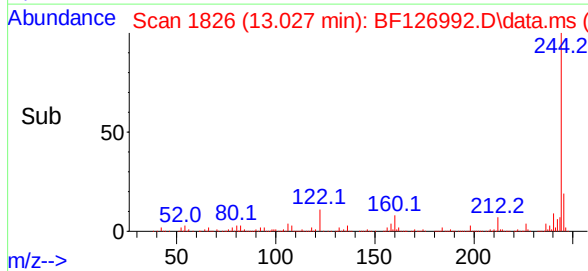
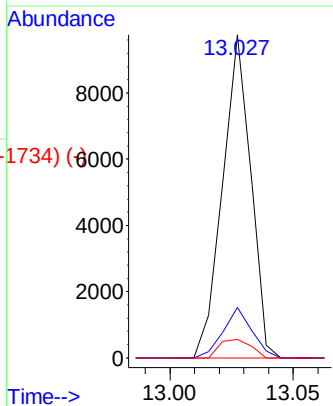
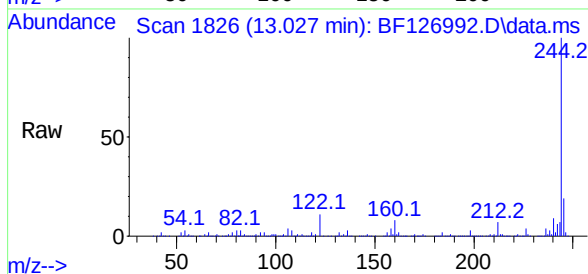
Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1787) (-)



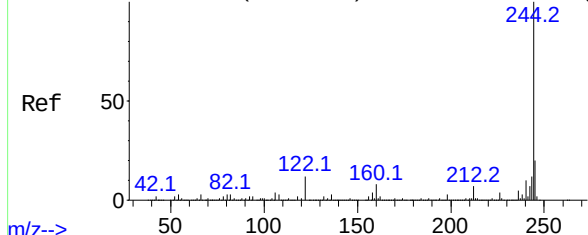
Benzidine
Concen: 2.017 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.241 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion:	184	Resp:	7754
Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	5.6	8.2	12.2#

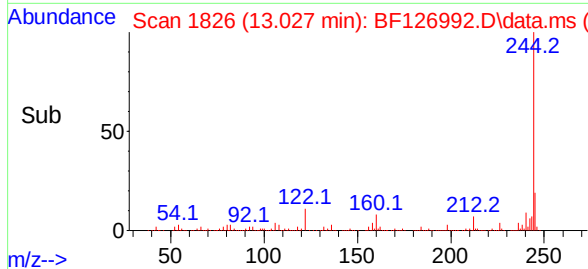
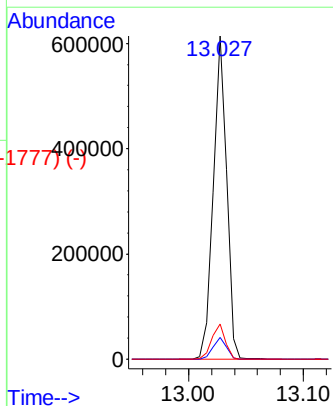
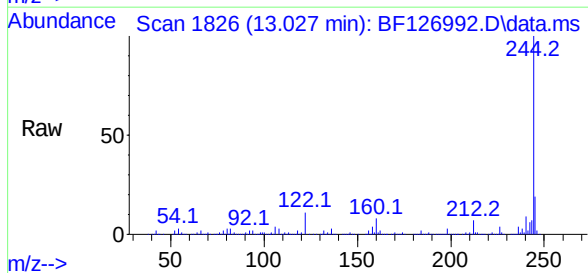


Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1829) (-)

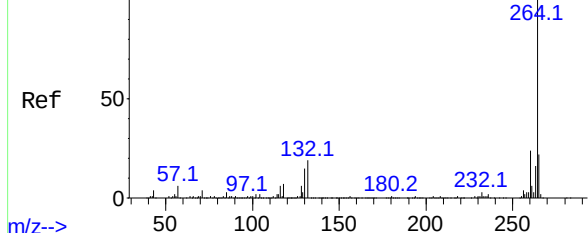


Terphenyl-d14
Concen: 51.667 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion:	244	Resp:	497244
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	10.9	13.3	19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126992.D

Acq: 22 Feb 2022 00:05

Instrument :

BNA_F

ClientSampleId :

20220078-BERKELEY-6-COMP

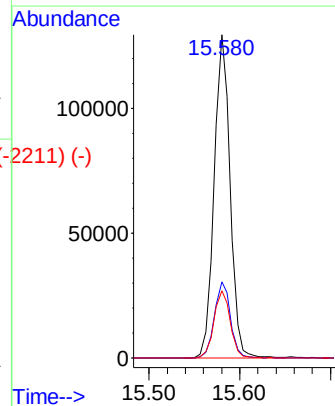
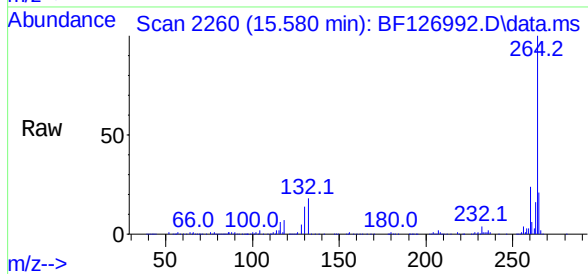
Tgt Ion:264 Resp: 157921

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.8 17.4 26.2



Abundance Scan 2260 (15.580 min): BF126992.D\data.ms (-2211) (-)

