

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126984.D
 Acq On : 21 Feb 2022 20:20
 Operator : CG\JU
 Sample : N1602-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:50:35 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

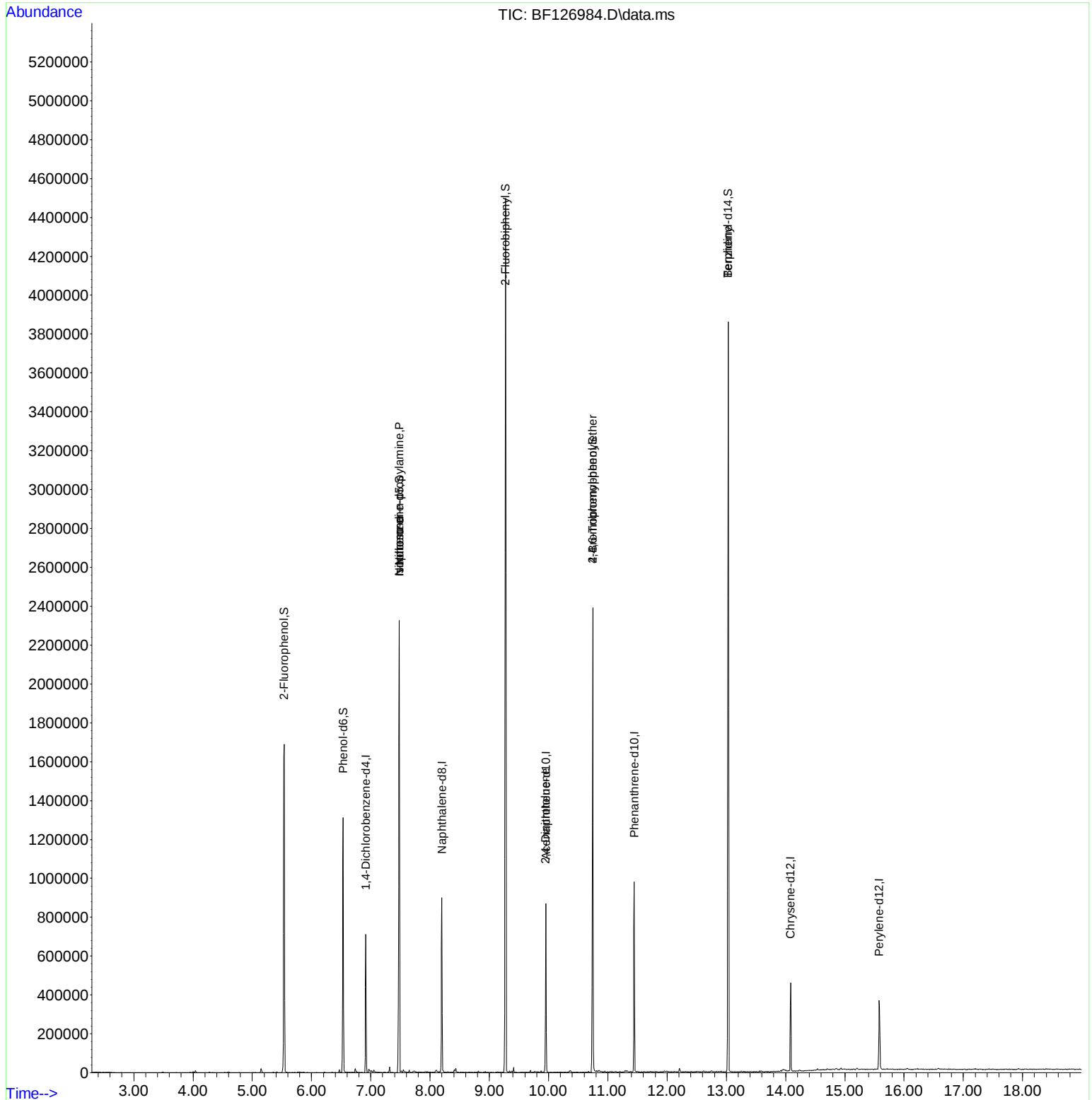
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

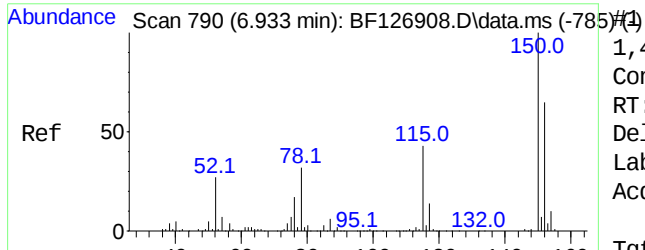
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	84070	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	346386	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	177744	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	310869	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	135118	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	152054	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	417080	76.678	ng	0.00
7) Phenol-d6	6.534	99	373798	50.928	ng	-0.01
23) Nitrobenzene-d5	7.481	82	774723	100.954	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	253380	123.813	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1292118	107.019	ng	0.00
79) Terphenyl-d14	13.033	244	1195460	130.062	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	107778	22.789	ng	# 80
25) Isophorone	7.481	82	773513	60.914	ng	# 69
57) 2,4-Dinitrotoluene	9.951	165	22654	6.482	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	15018	4.324	ng	# 1
77) Benzidine	13.033	184	17599	4.793	ng	# 94

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\  
Data File : BF126984.D  
Acq On    : 21 Feb 2022   20:20  
Operator  : CG\JU  
Sample    : N1602-11  
Misc      :  
ALS Vial  : 11   Sample Multiplier: 1
```

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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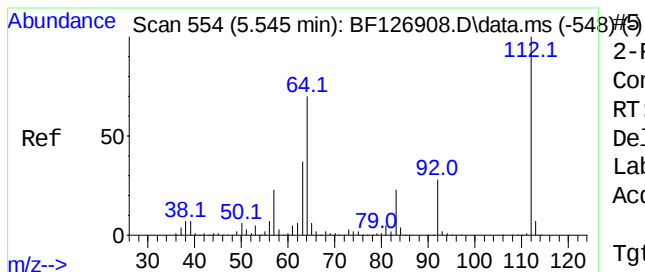
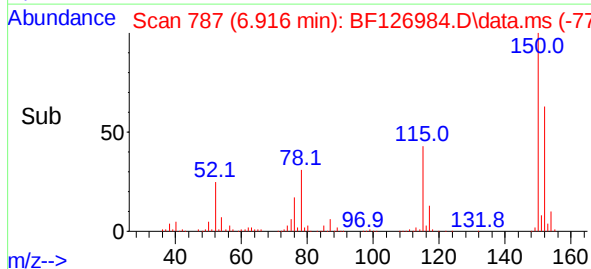
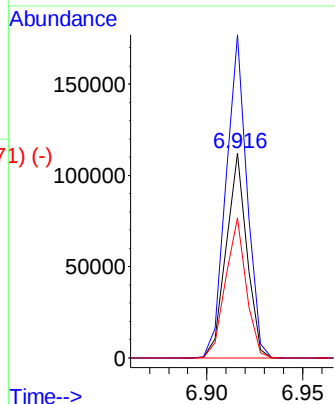
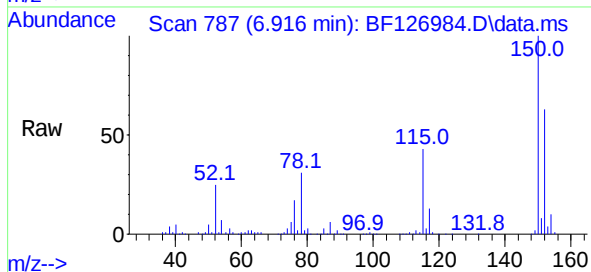




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

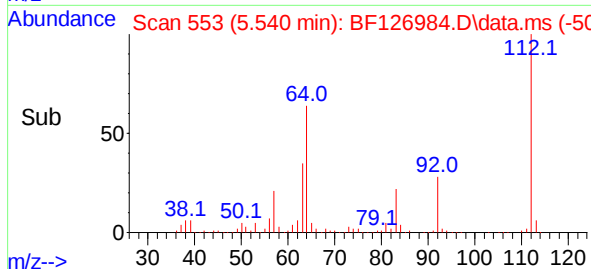
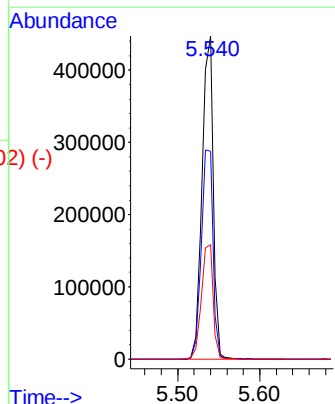
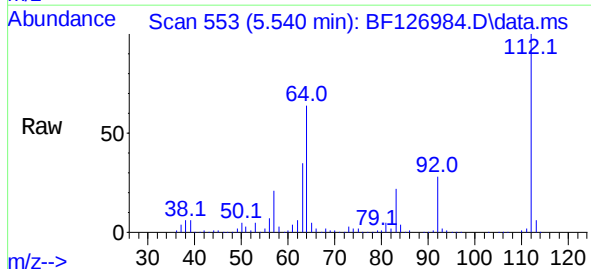
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 84070
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 68.4 56.7 85.1

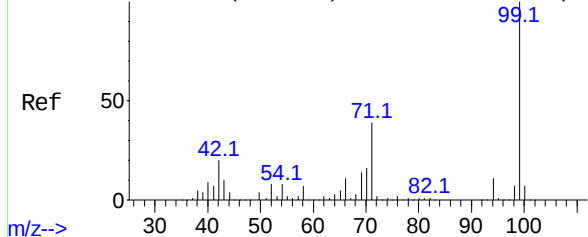


2-Fluorophenol
 Concen: 76.678 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

Tgt Ion:112 Resp: 417080
 Ion Ratio Lower Upper
 112 100
 64 64.4 49.5 74.3
 63 35.4 23.9 35.9



Abundance Scan 726 (6.557 min): BF126908.D\data.ms (-713) #7



Phenol-d6

Concen: 50.928 ng

RT: 6.534 min Scan#

Delta R.T. -0.012 min

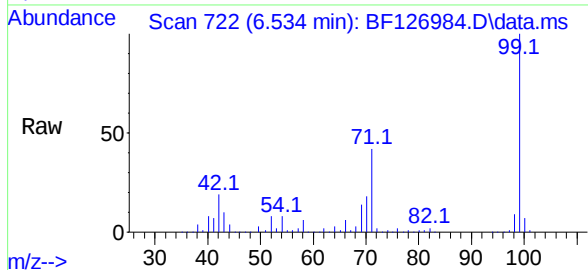
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :



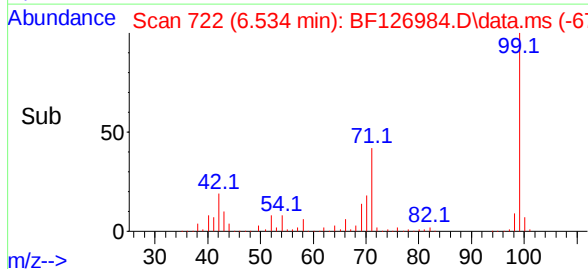
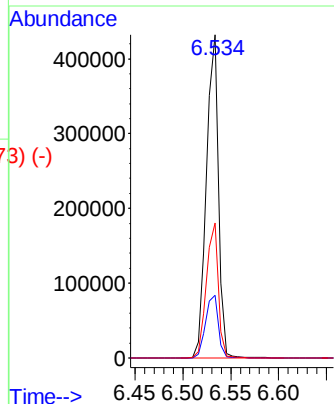
Tgt Ion: 99 Resp: 373798

Ion Ratio Lower Upper

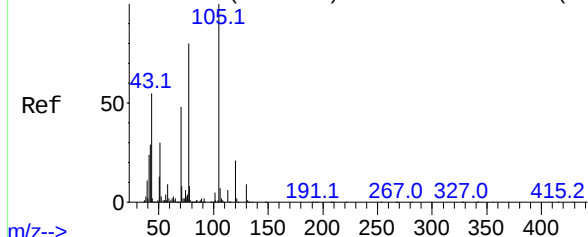
99 100

42 19.4 14.2 21.4

71 41.8 24.3 36.5#



Abundance Scan 860 (7.345 min): BF126908.D\data.ms (-851) #19



n-Nitroso-di-n-propylamine

Concen: 22.789 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.147 min

Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Tgt Ion: 70 Resp: 107778

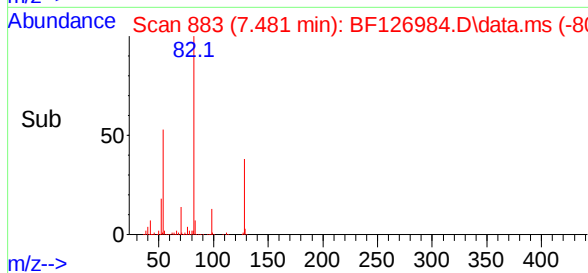
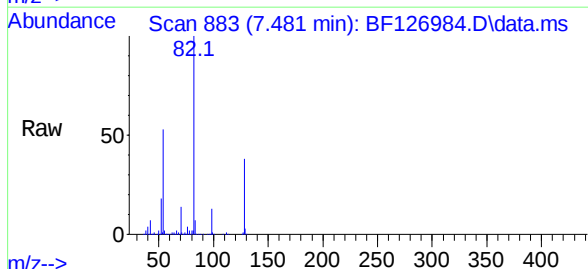
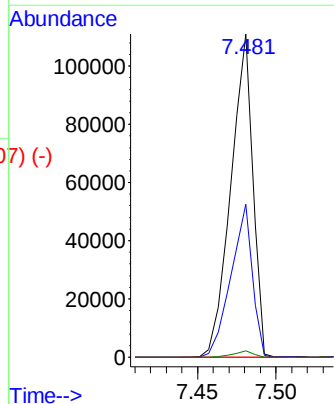
Ion Ratio Lower Upper

70 100

42 47.2 45.8 68.8

101 0.0 6.9 10.3#

130 1.9 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

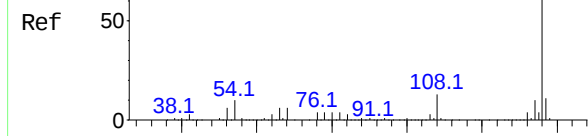
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

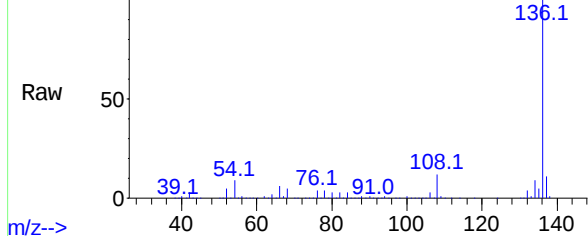
BNA_F

ClientSampleId :



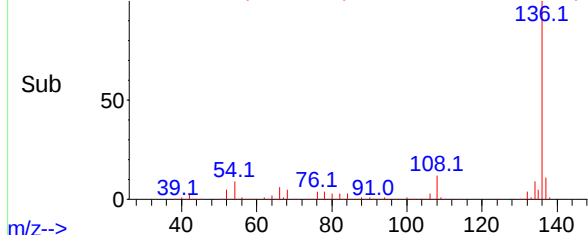
m/z-->

Abundance Scan 1005 (8.198 min): BF126984.D\data.ms



m/z-->

Abundance Scan 1005 (8.198 min): BF126984.D\data.ms (-955) (-)



m/z-->

Tgt Ion:136 Resp: 346386

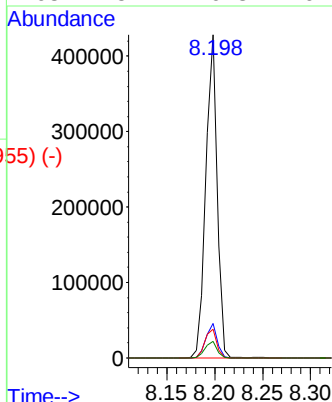
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 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

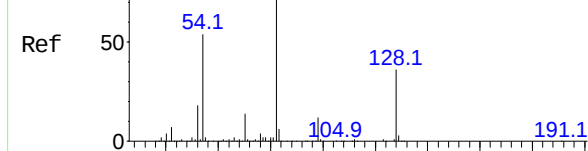
Concen: 100.954 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

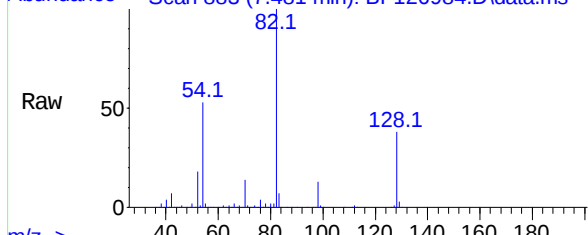
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20



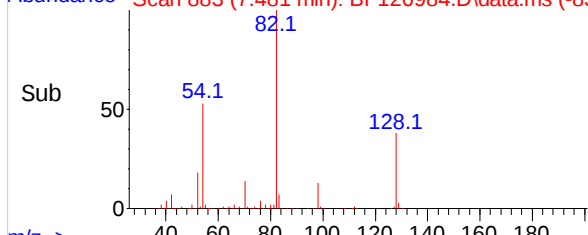
m/z-->

Abundance Scan 883 (7.481 min): BF126984.D\data.ms



m/z-->

Abundance Scan 883 (7.481 min): BF126984.D\data.ms (-834) (-)



m/z-->

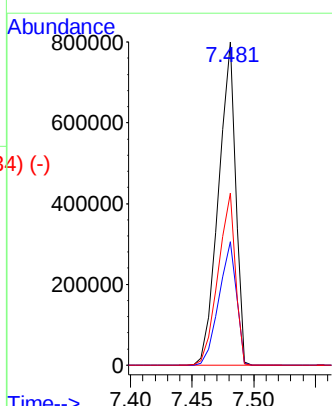
Tgt Ion: 82 Resp: 774723

Ion Ratio Lower Upper

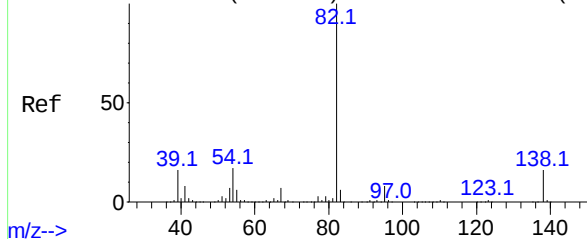
82 100

128 38.2 32.7 49.1

54 53.2 41.7 62.5



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



Isophorone

Concen: 60.914 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :

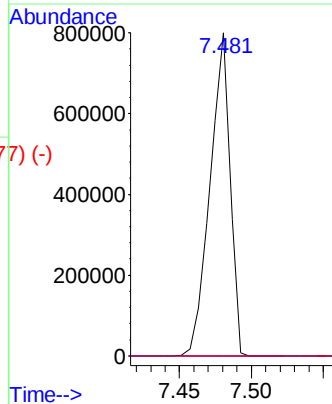
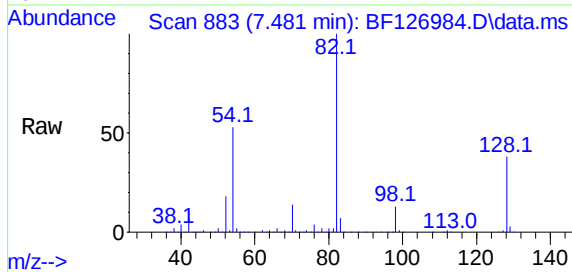
Tgt Ion: 82 Resp: 773513

Ion Ratio Lower Upper

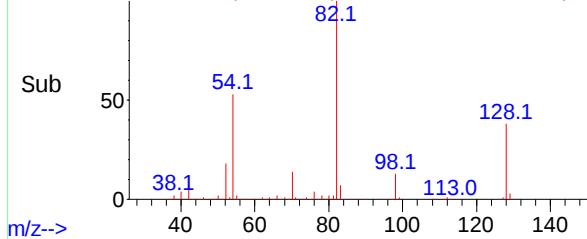
82 100

95 0.0 5.0 7.4#

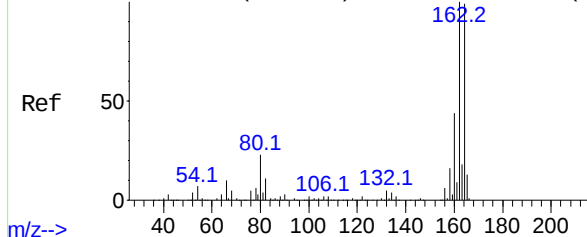
138 0.0 12.3 18.5#



Abundance Scan 883 (7.481 min): BF126984.D\data.ms (-877) (-)



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: BF126984.D

Acq: 21 Feb 2022 20:20

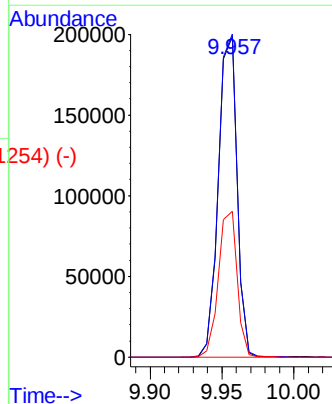
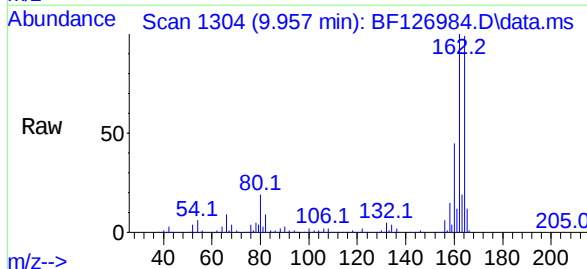
Tgt Ion:164 Resp: 177744

Ion Ratio Lower Upper

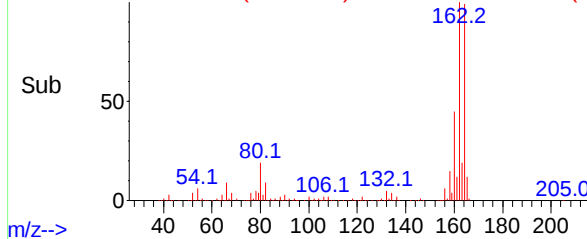
164 100

162 100.8 81.4 122.0

160 45.5 36.6 54.8



Abundance Scan 1304 (9.957 min): BF126984.D\data.ms (-1254) (-)



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

2,4,6-Tribromophenol

Concen: 123.813 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

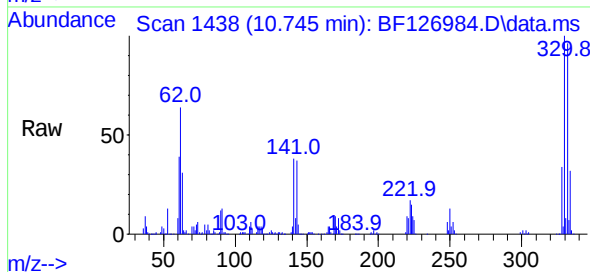
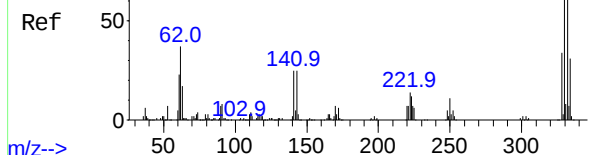
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :



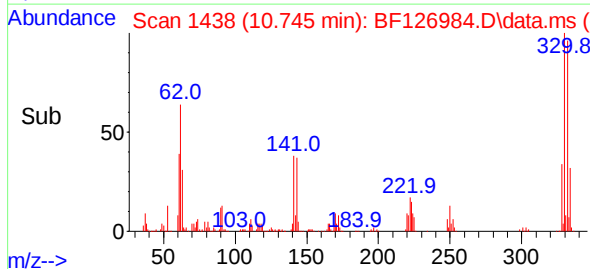
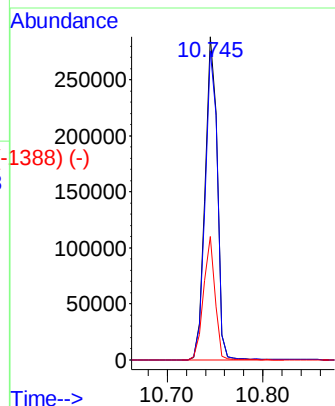
Tgt Ion:330 Resp: 253380

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 36.2 30.1 45.1



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

2-Fluorobiphenyl

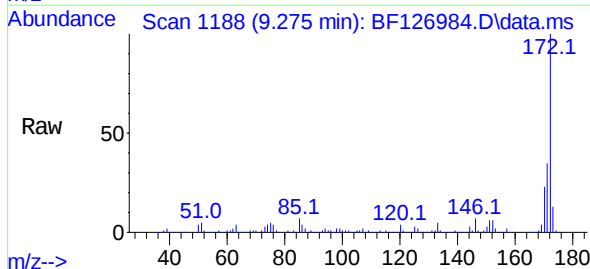
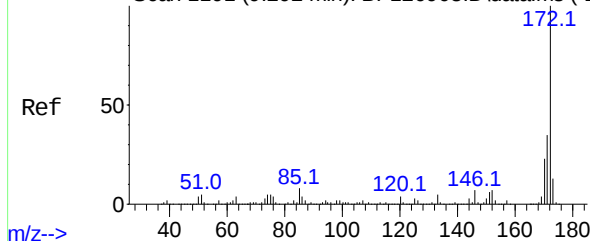
Concen: 107.019 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126984.D

Acq: 21 Feb 2022 20:20



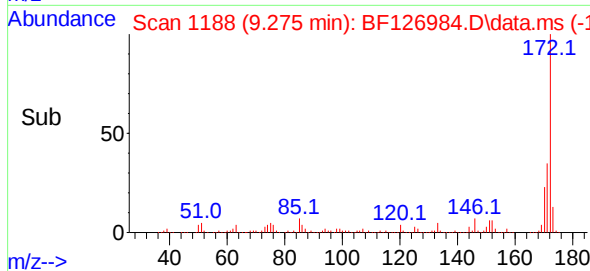
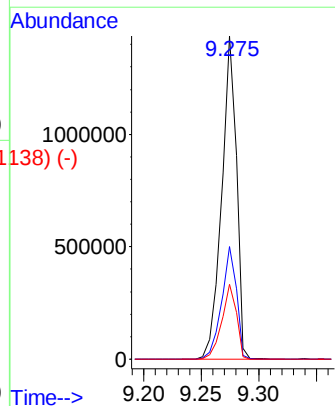
Tgt Ion:172 Resp: 1292118

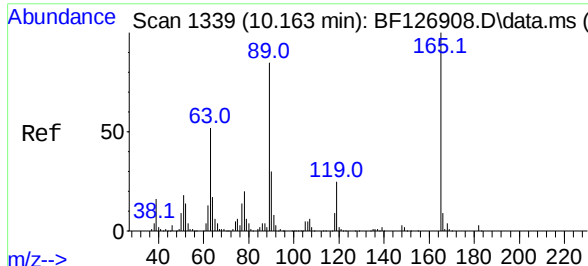
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

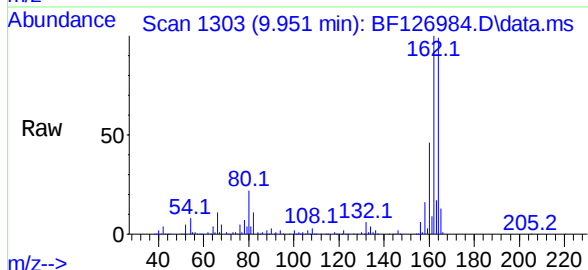
170 23.2 19.0 28.6



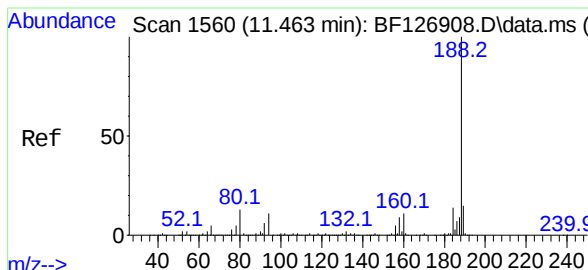
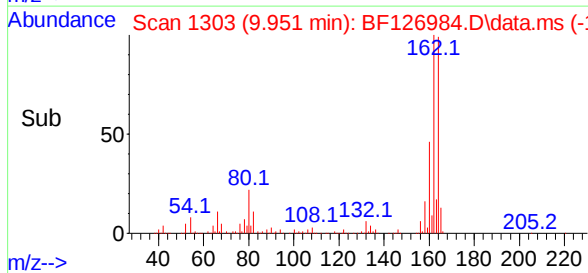
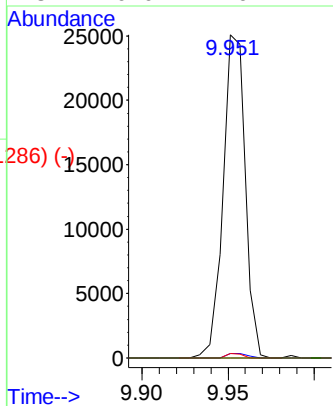


2,4-Dinitrotoluene
 Concen: 6.482 ng
 RT: 9.951 min Scan# 1339
 Delta R.T. -0.200 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

Instrument :
 BNA_F
 ClientSampleId :

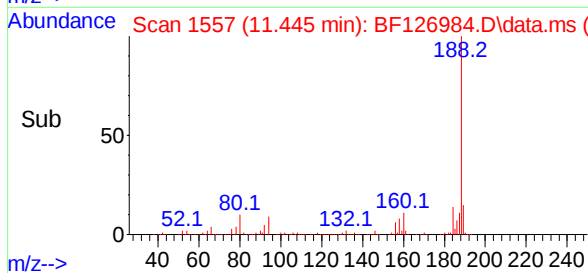
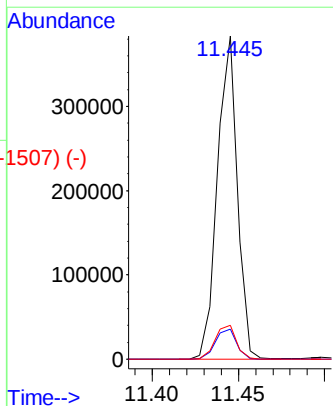
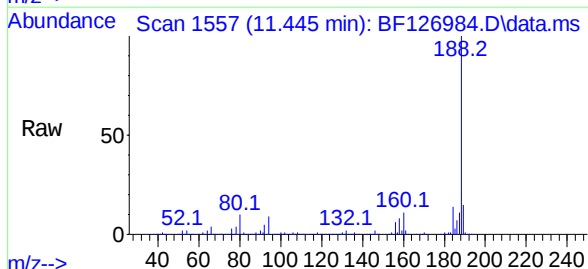


Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.0	64.6#
89	1.3	71.0	106.4#
182	0.0	1.6	2.4#



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.1	15.1#
80	10.4	11.8	17.6#



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

4-Bromophenyl-phenylether

Concen: 4.324 ng

RT: 10.745 min Scan# 1482

Delta R.T. -0.247 min

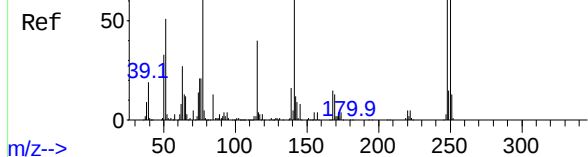
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :



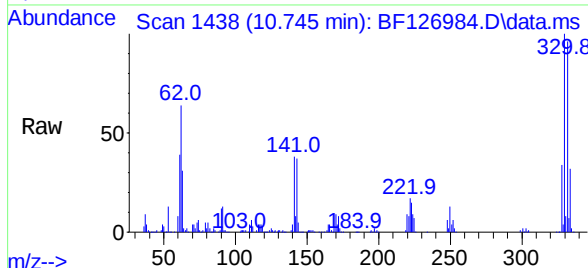
Tgt Ion:248 Resp: 15018

Ion Ratio Lower Upper

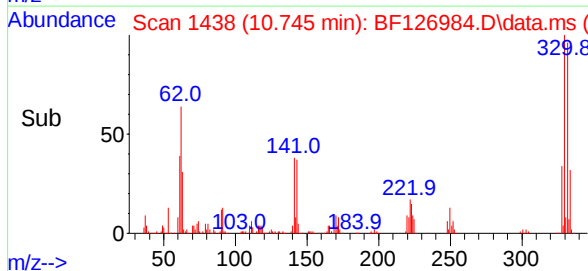
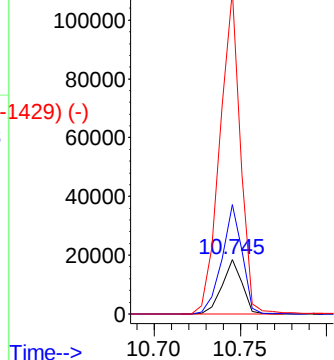
248 100

250 200.6 76.2 114.4#

141 593.1 66.2 99.4#



Abundance



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: BF126984.D

Acq: 21 Feb 2022 20:20

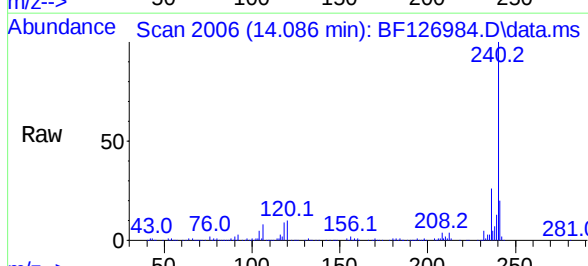
Tgt Ion:240 Resp: 135118

Ion Ratio Lower Upper

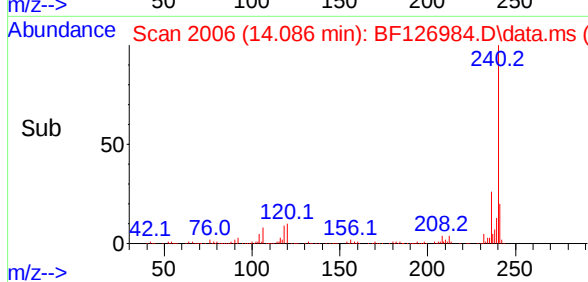
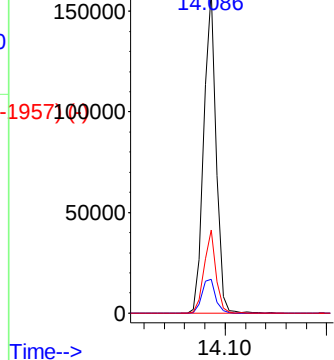
240 100

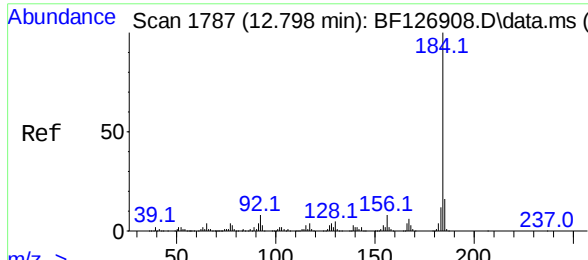
120 10.5 14.4 21.6#

236 25.8 20.5 30.7



Abundance

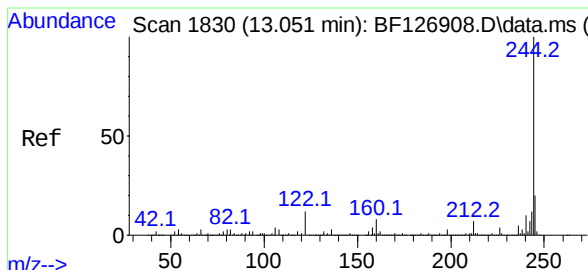
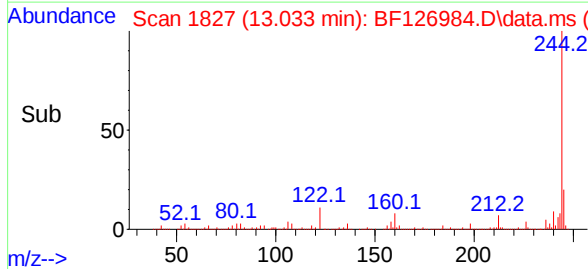
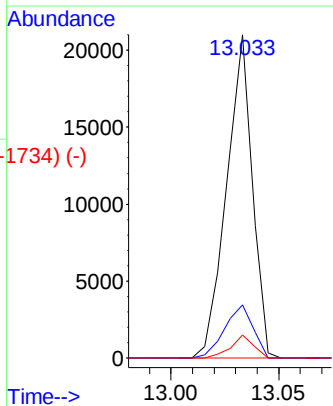
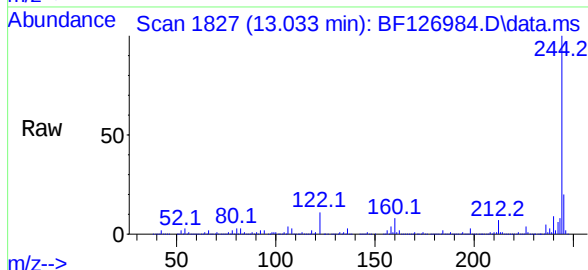




Benzidine
 Concen: 4.793 ng
 RT: 13.033 min Scan# 1787
 Delta R.T. 0.247 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

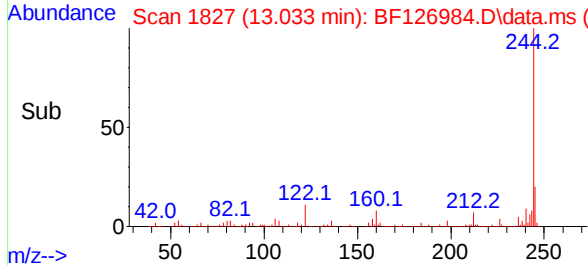
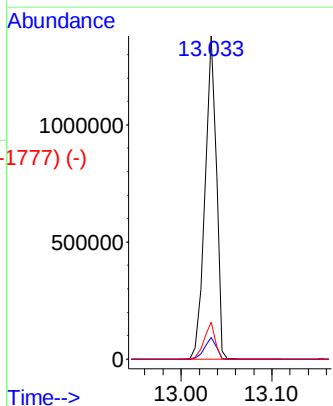
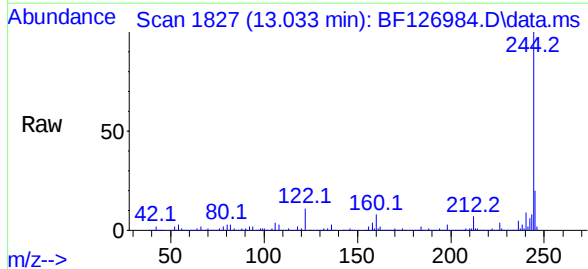
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	184	Resp:	17599
Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.8
183	7.0	8.2	12.2#

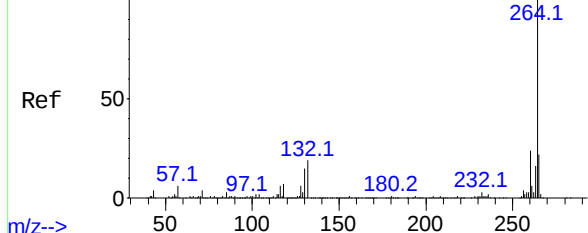


Terphenyl-d14
 Concen: 130.062 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF126984.D
 Acq: 21 Feb 2022 20:20

Tgt Ion:	244	Resp:	1195460
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	11.5	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

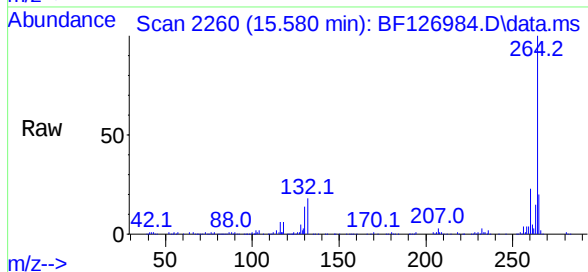
Lab File: BF126984.D

Acq: 21 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :



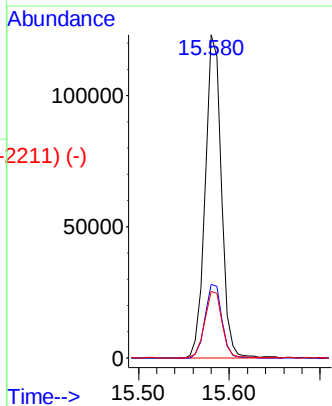
Tgt Ion:264 Resp: 152054

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.5 17.4 26.2



Abundance Scan 2260 (15.580 min): BF126984.D\data.ms (-2211) (-)

