

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126982.D
 Acq On : 21 Feb 2022 19:23
 Operator : CG\JU
 Sample : N1587-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PRPH-DUP-GW

Quant Time: Feb 22 03:48:49 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)

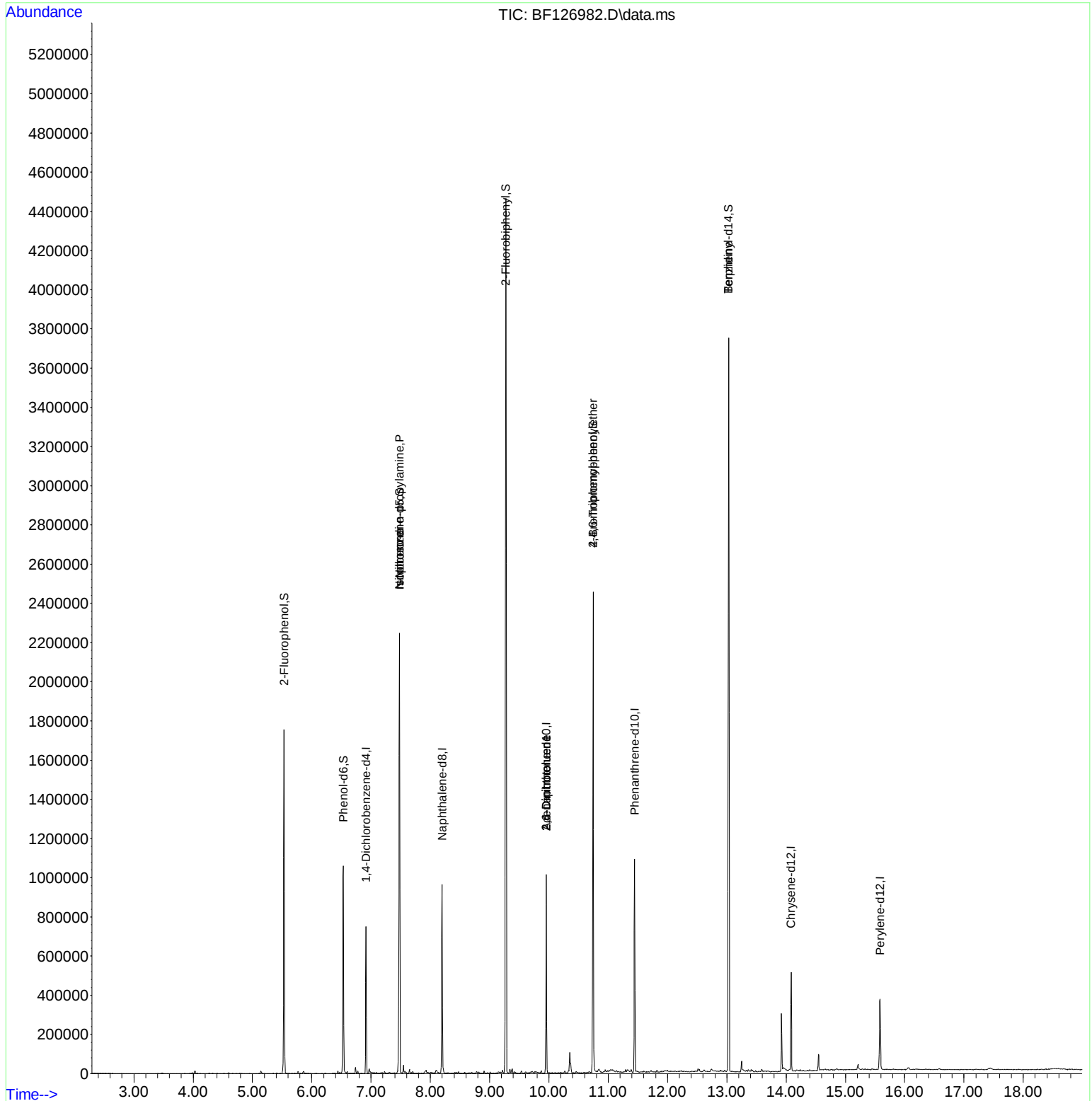
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89870	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	369667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	189485	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336629	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	143717	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	161418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	387644	66.667	ng	0.00
7) Phenol-d6	6.534	99	327744	41.772	ng	-0.01
23) Nitrobenzene-d5	7.481	82	746639	91.167	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	255182	116.967	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1271035	98.750	ng	0.00
79) Terphenyl-d14	13.033	244	1173280	120.011	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	104215	20.613	ng	# 79
25) Isophorone	7.481	82	745234	54.991	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24174	8.773	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24174	6.488	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	15505	4.122	ng	# 1
77) Benzidine	13.033	184	18056	4.623	ng	# 94

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

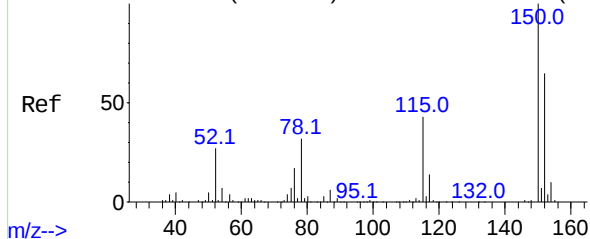
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\  
Data File : BF126982.D  
Acq On    : 21 Feb 2022  19:23  
Operator  : CG\JU  
Sample    : N1587-03  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PRPH-DUP-GW

Quant Time: Feb 22 03:48:49 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



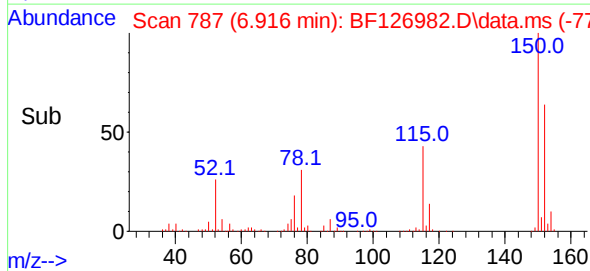
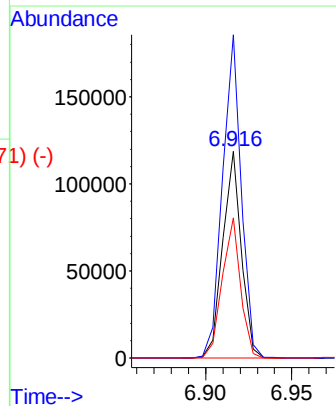
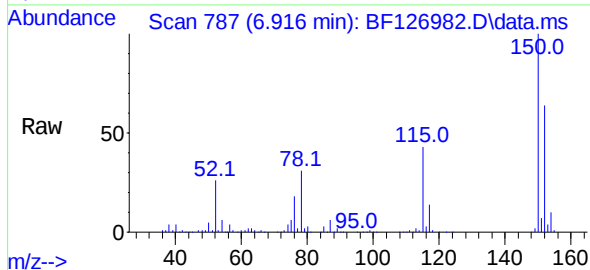
Abundance Scan 790 (6.933 min): BF126908.D\data.ms (-785) #1



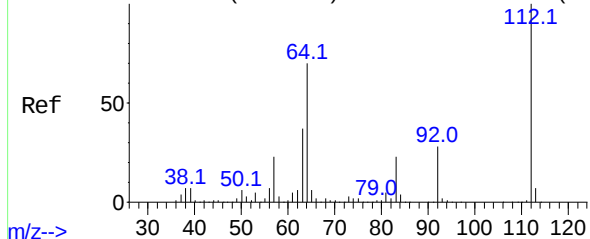
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126982.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PRPH-DUP-GW

Tgt Ion:152 Resp: 89870
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 67.7 56.7 85.1

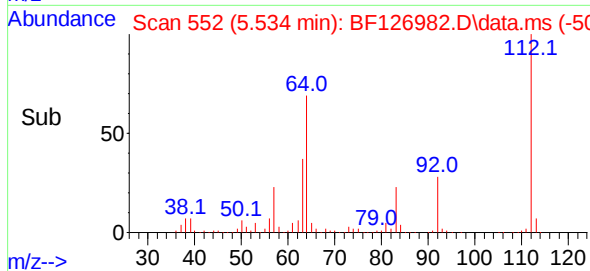
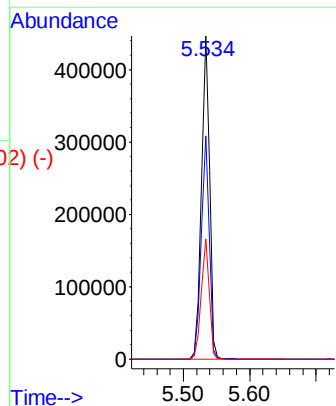
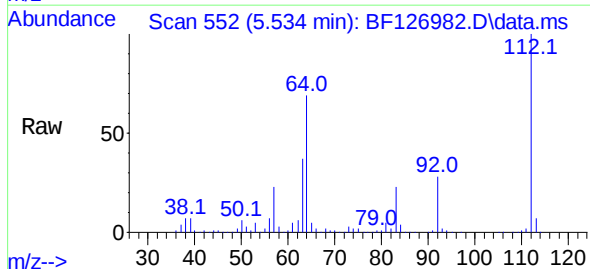


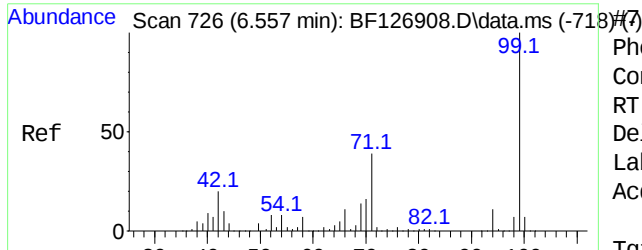
Abundance Scan 554 (5.545 min): BF126908.D\data.ms (-548) #5



2-Fluorophenol
Concen: 66.667 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF126982.D
Acq: 21 Feb 2022 19:23

Tgt Ion:112 Resp: 387644
Ion Ratio Lower Upper
112 100
64 69.1 49.5 74.3
63 37.3 23.9 35.9#

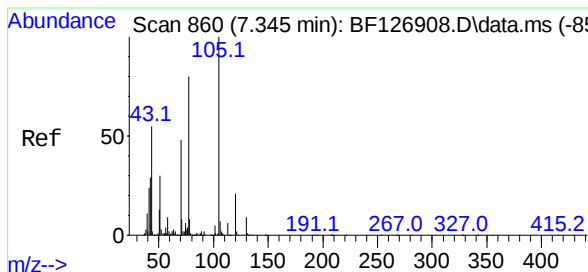
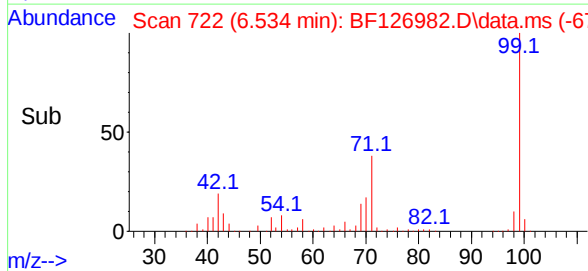
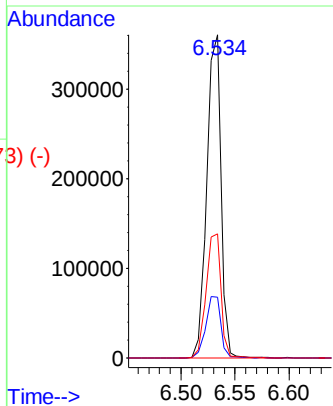
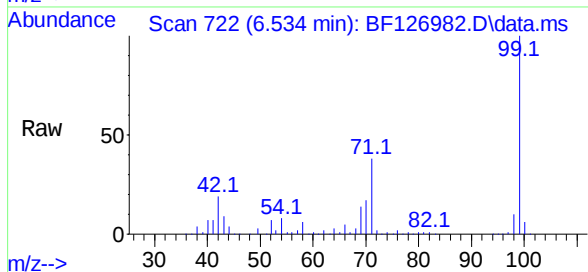




Phenol-d6
 Concen: 41.772 ng
 RT: 6.534 min Scan#
 Delta R.T. -0.012 min
 Lab File: BF126982.D
 Acq: 21 Feb 2022 19:23

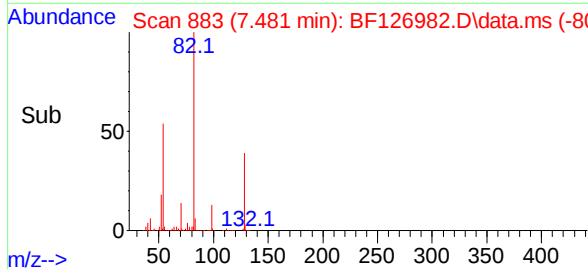
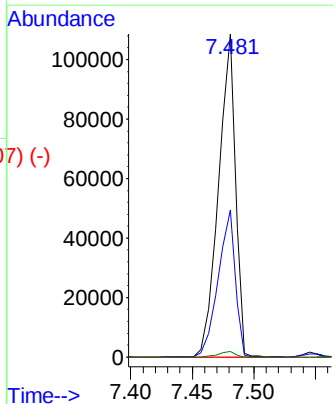
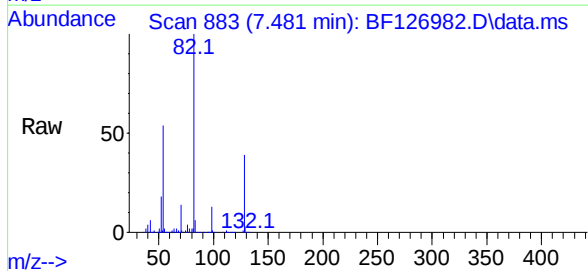
Instrument :
 BNA_F
 ClientSampleId :
 PRPH-DUP-GW

Tgt Ion: 99 Resp: 327744
 Ion Ratio Lower Upper
 99 100
 42 18.8 14.2 21.4
 71 38.5 24.3 36.5#

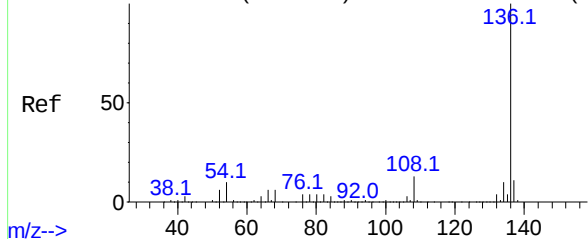


n-Nitroso-di-n-propylamine
 Concen: 20.613 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126982.D
 Acq: 21 Feb 2022 19:23

Tgt Ion: 70 Resp: 104215
 Ion Ratio Lower Upper
 70 100
 42 45.6 45.8 68.8#
 101 0.0 6.9 10.3#
 130 1.7 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# 1

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion:136 Resp: 369667

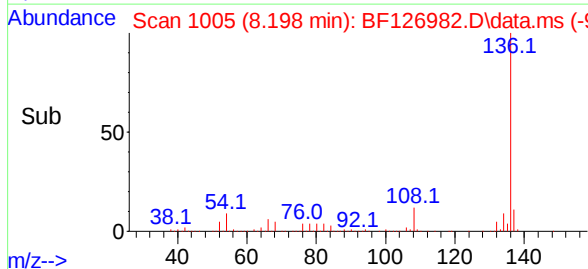
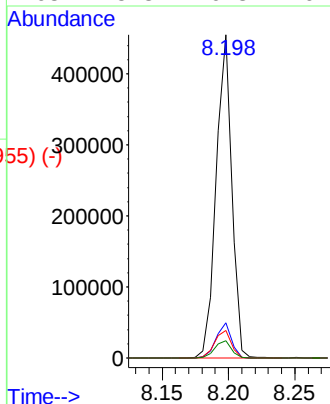
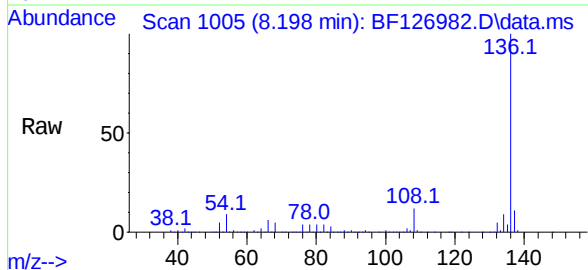
Ion Ratio Lower Upper

136 100

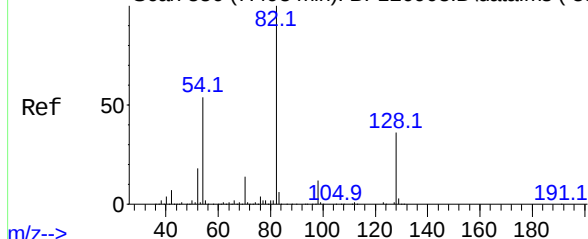
137 10.8 8.6 13.0

54 8.5 7.8 11.6

68 5.3 6.3 9.5#



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



Nitrobenzene-d5

Concen: 91.167 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

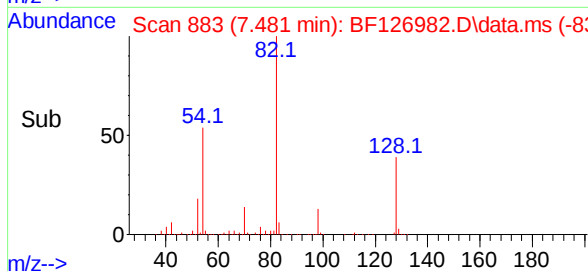
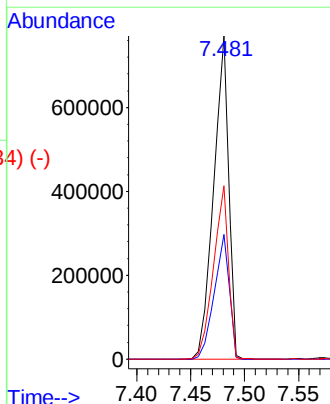
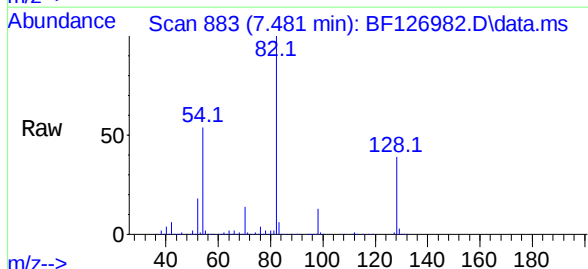
Tgt Ion: 82 Resp: 746639

Ion Ratio Lower Upper

82 100

128 38.6 32.7 49.1

54 53.6 41.7 62.5



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

Isophorone

Concen: 54.991 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.265 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion: 82 Resp: 745234

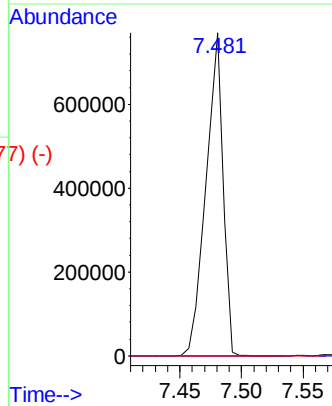
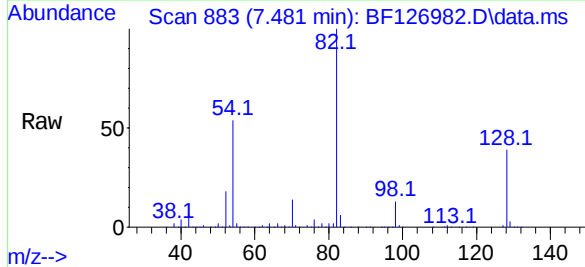
Ion Ratio Lower Upper

82 100

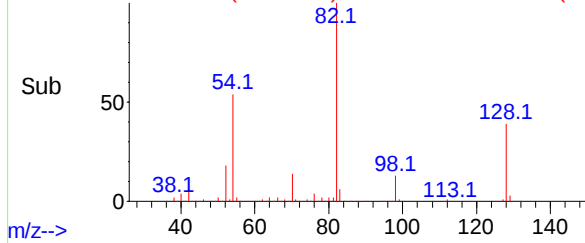
95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

Abundance Scan 883 (7.481 min): BF126982.D\data.ms



Abundance Scan 883 (7.481 min): BF126982.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: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion: 164 Resp: 189485

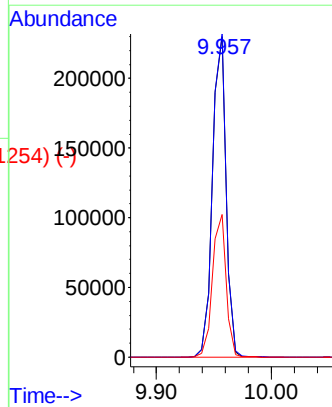
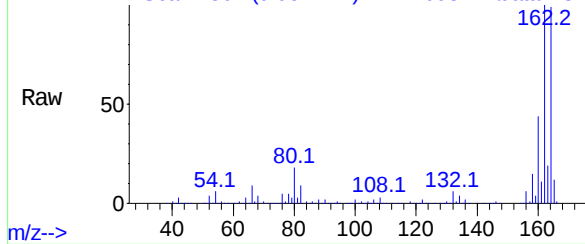
Ion Ratio Lower Upper

164 100

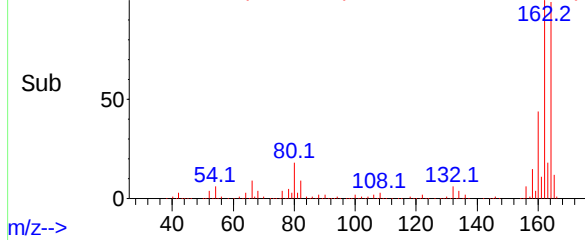
162 100.9 81.4 122.0

160 44.5 36.6 54.8

Abundance Scan 1304 (9.957 min): BF126982.D\data.ms



Abundance Scan 1304 (9.957 min): BF126982.D\data.ms (-1254) (-)



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

2,4,6-Tribromophenol

Concen: 116.967 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion:330 Resp: 255182

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 36.5 30.1 45.1

Abundance Scan 1438 (10.745 min): BF126982.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126982.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance

10.745

200000

100000

0

Time-->

10.70 10.80

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

2-Fluorobiphenyl

Concen: 98.750 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion:172 Resp: 1271035

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

Abundance Scan 1188 (9.275 min): BF126982.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126982.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance

9.275

1000000

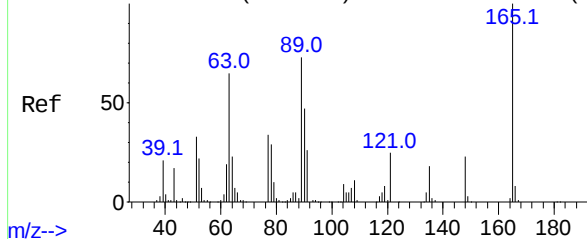
500000

0

Time-->

9.20 9.25 9.30

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



2,6-Dinitrotoluene

Concen: 8.773 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

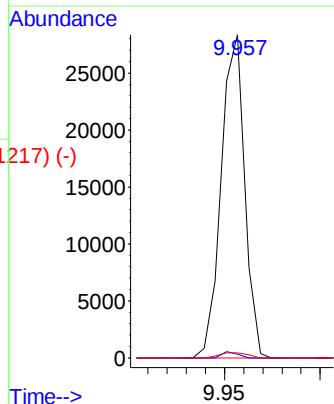
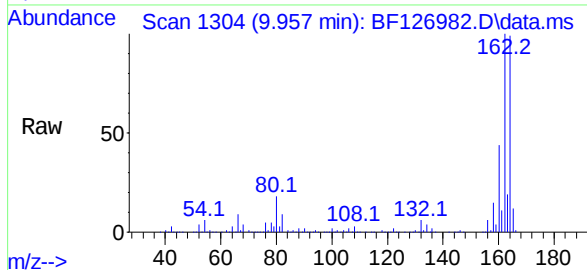
Tgt Ion:165 Resp: 24174

Ion Ratio Lower Upper

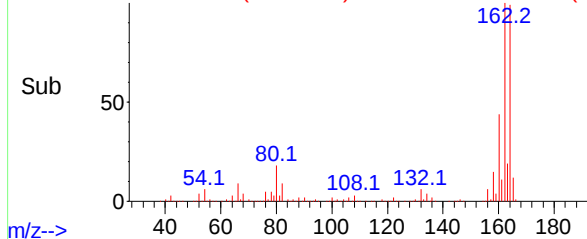
165 100

63 1.1 48.4 72.6#

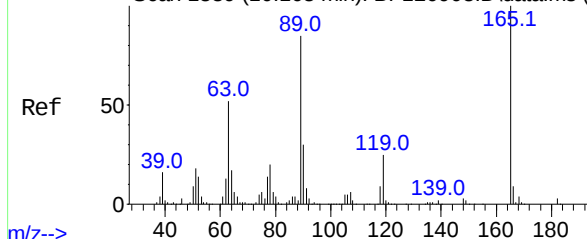
89 1.6 50.5 75.7#



Abundance Scan 1304 (9.957 min): BF126982.D\data.ms (-1217) (-)



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



2,4-Dinitrotoluene

Concen: 6.488 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion:165 Resp: 24174

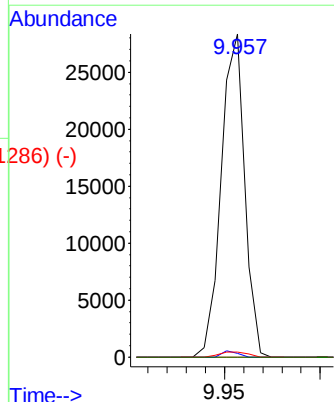
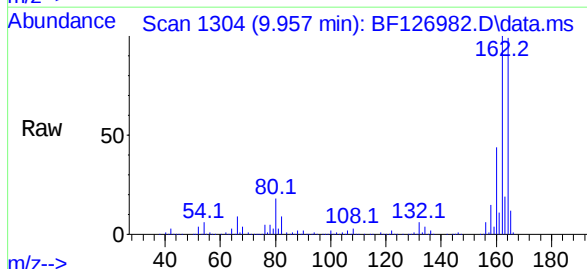
Ion Ratio Lower Upper

165 100

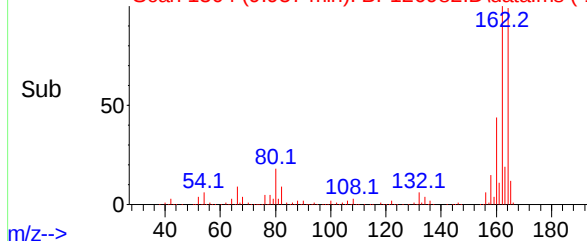
63 1.1 43.0 64.6#

89 1.6 71.0 106.4#

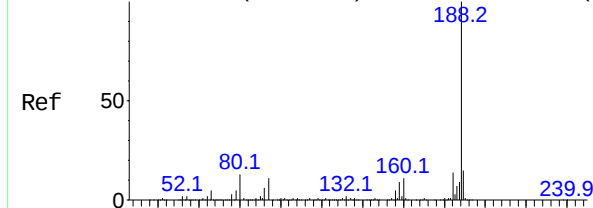
182 0.0 1.6 2.4#



Abundance Scan 1304 (9.957 min): BF126982.D\data.ms (-1286) (-)



Abundance Scan 1560 (11.463 min): BF126908.D\data.ms (-1560) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion:188 Resp: 336629

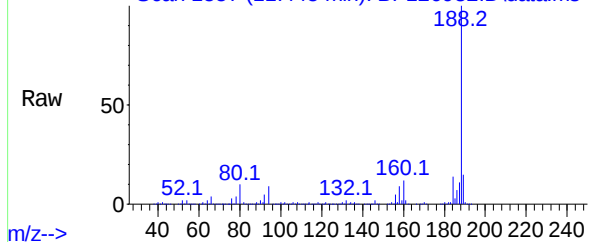
Ion Ratio Lower Upper

188 100

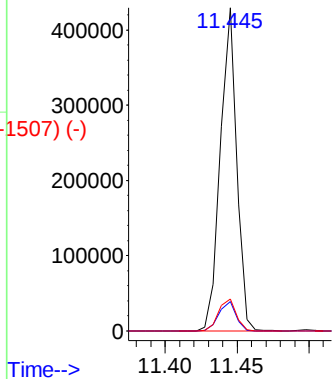
94 9.2 10.1 15.1#

80 9.8 11.8 17.6#

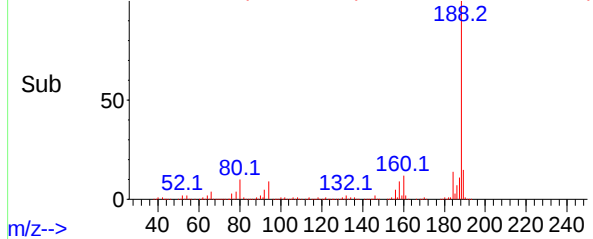
Abundance Scan 1557 (11.445 min): BF126982.D\data.ms (-1557) (-)



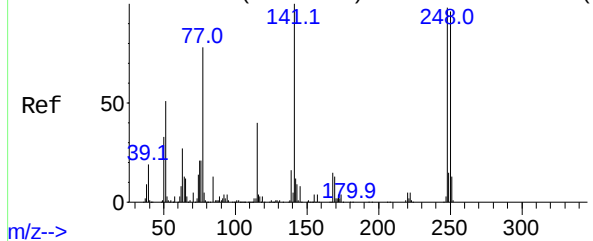
Abundance



Abundance Scan 1557 (11.445 min): BF126982.D\data.ms (-1507) (-)



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



4-Bromophenyl-phenylether

Concen: 4.122 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion:248 Resp: 15505

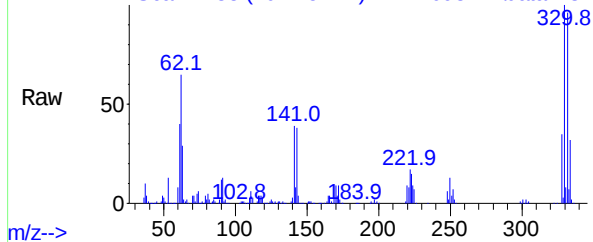
Ion Ratio Lower Upper

248 100

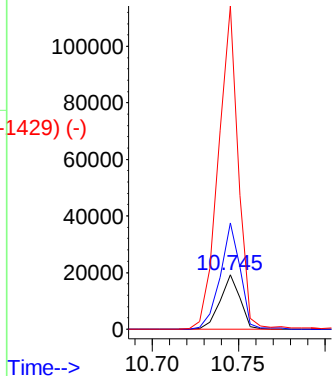
250 195.7 76.2 114.4#

141 595.4 66.2 99.4#

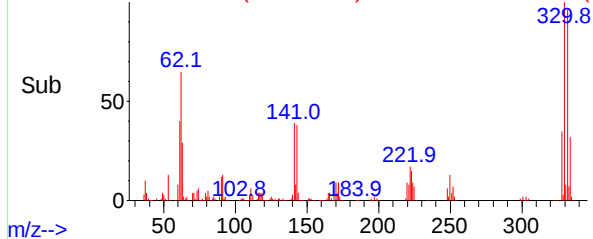
Abundance Scan 1438 (10.745 min): BF126982.D\data.ms (-1438) (-)



Abundance



Abundance Scan 1438 (10.745 min): BF126982.D\data.ms (-1429) (-)



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

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion:240 Resp: 143717

Ion Ratio Lower Upper

240 100

120 10.9 14.4 21.6#

236 24.2 20.5 30.7

m/z-->

Abundance Scan 2006 (14.086 min): BF126982.D\data.ms

Raw

240.2

42.1 78.1 120.1 156.0 208.1 281.2

m/z-->

Abundance Scan 2006 (14.086 min): BF126982.D\data.ms (-1957) (-)

Sub

240.2

42.0 78.1 120.1 156.0 208.1 281.1

m/z-->

Abundance

14.086

150000

100000

50000

0

Time-->

14.10

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

Benzidine

Concen: 4.623 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion:184 Resp: 18056

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

183 7.4 8.2 12.2#

m/z-->

Abundance Scan 1827 (13.033 min): BF126982.D\data.ms

Raw

244.2

42.1 82.1 122.1 160.1 212.2 281.0

m/z-->

Abundance Scan 1827 (13.033 min): BF126982.D\data.ms (-1734) (-)

Sub

244.2

42.0 80.1 122.1 160.1 212.2 281.0

m/z-->

Abundance

13.033

20000

15000

10000

5000

0

Time-->

13.00 13.05

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

Terphenyl-d14

Concen: 120.011 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PRPH-DUP-GW

Tgt Ion:244 Resp: 1173280

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.5 13.3 19.9#

m/z-->

Abundance Scan 1827 (13.033 min): BF126982.D\data.ms

244.2

42.1 82.1 122.1 160.1 212.2 281.0

m/z-->

Abundance Scan 1827 (13.033 min): BF126982.D\data.ms (-1777) (-)

244.2

42.0 80.1 122.1 160.1 212.2 281.0

m/z-->

Abundance

13.033

1000000

500000

0

Time-->

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: BF126982.D

Acq: 21 Feb 2022 19:23

Tgt Ion:264 Resp: 161418

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.9 17.4 26.2

m/z-->

Abundance Scan 2261 (15.586 min): BF126982.D\data.ms

264.2

57.1 97.1 132.1 180.2 232.1

m/z-->

Abundance Scan 2261 (15.586 min): BF126982.D\data.ms (-2211) (-)

264.1

57.1 90.0 132.1 180.1 232.1

m/z-->

Abundance

15.586

100000

50000

0

Time-->