

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 :

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)

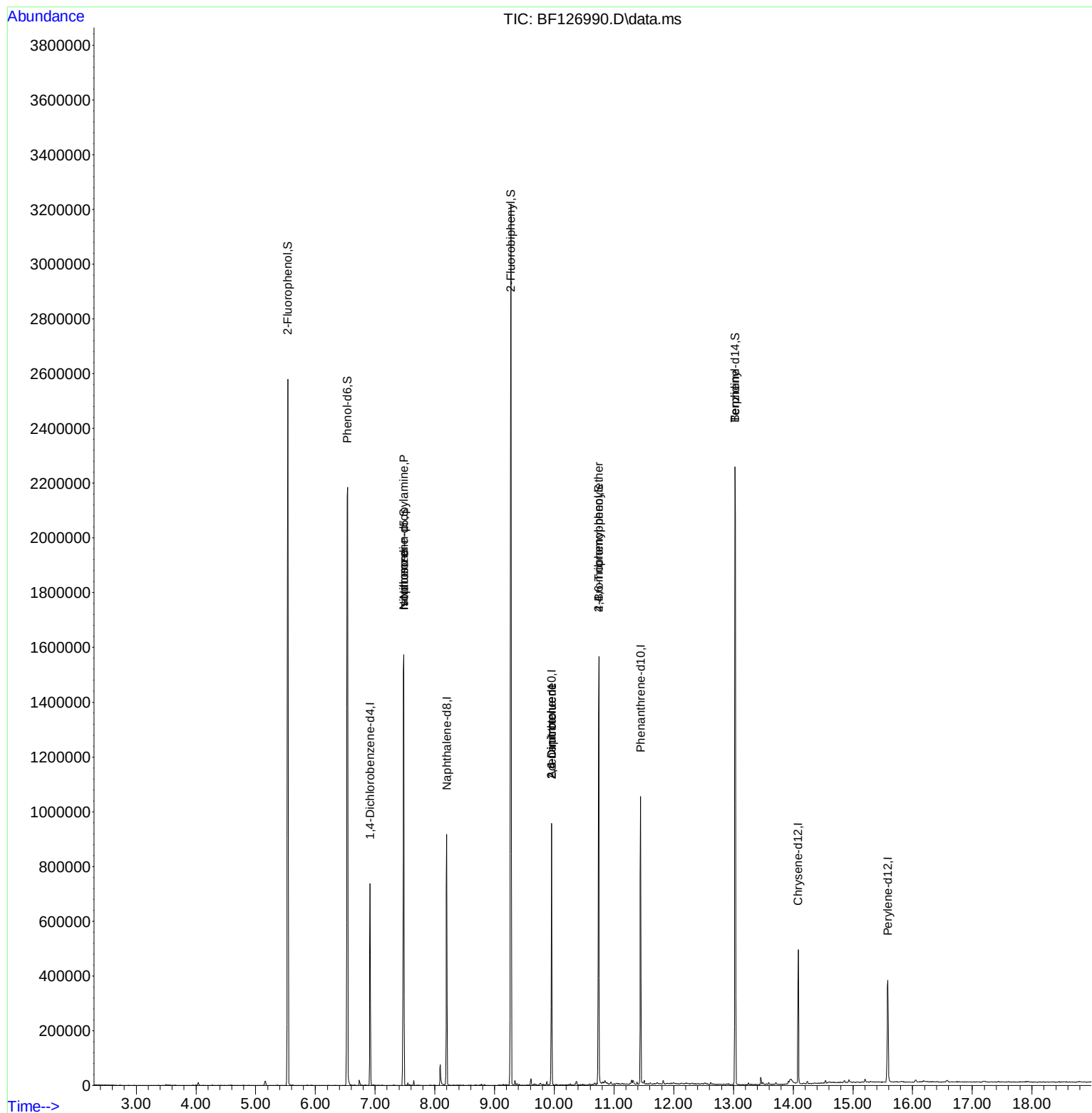
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	90936	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	191546	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	335483	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	144659	20.000	ng	#-0.01
86) Perylene-d12	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						
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

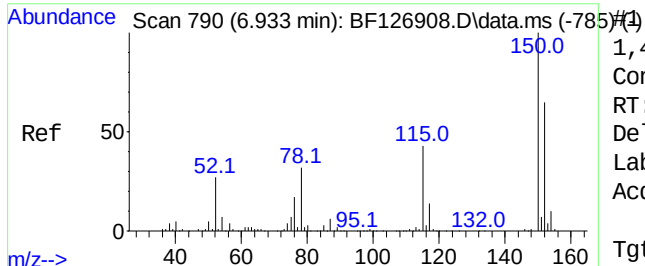
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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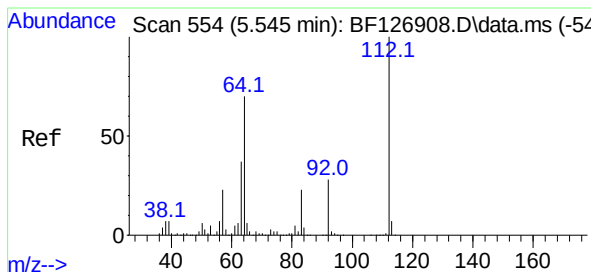
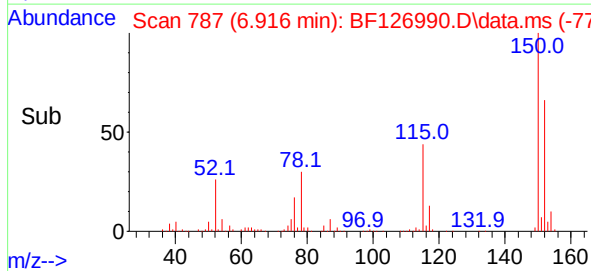
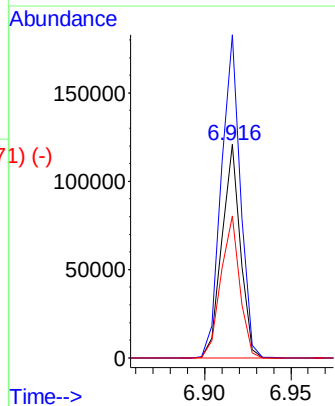
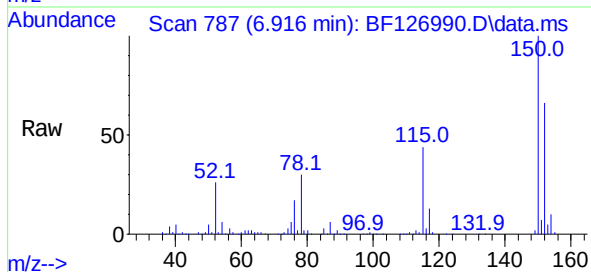




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

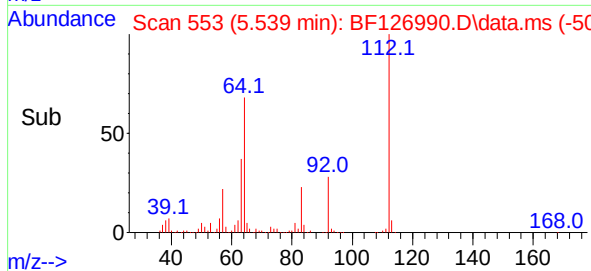
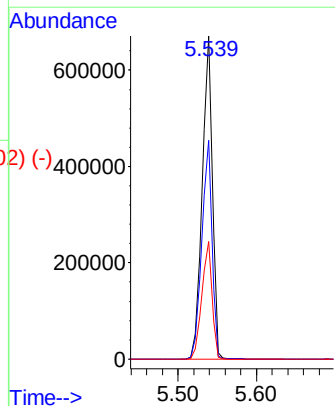
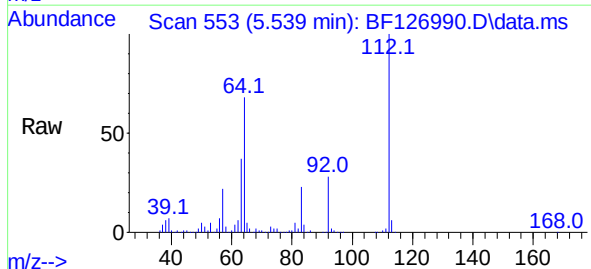
Instrument :
 BNA_F
 ClientSampleId :

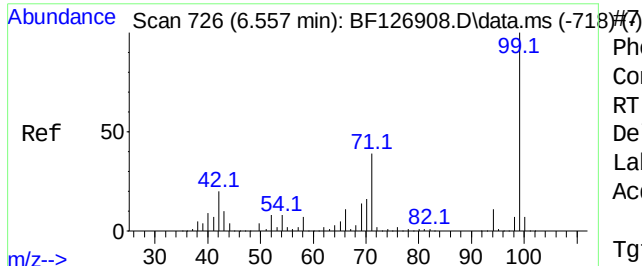
Tgt Ion:	152	Resp:	90936
Ion	Ratio	Lower	Upper
152	100		
150	151.2	128.1	192.1
115	66.5	56.7	85.1



2-Fluorophenol
 Concen: 102.008 ng
 RT: 5.539 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

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#

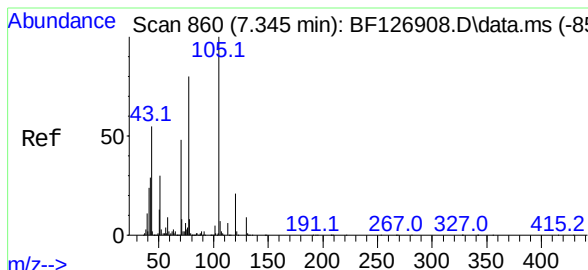
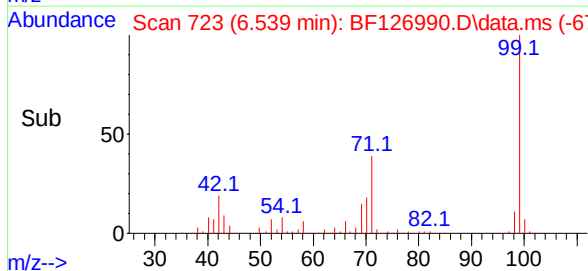
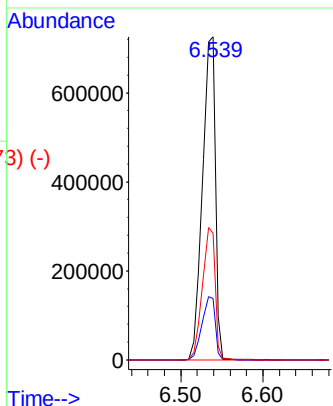
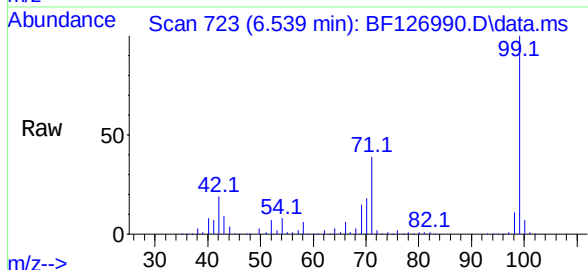




Phenol-d6
 Concen: 99.598 ng
 RT: 6.539 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

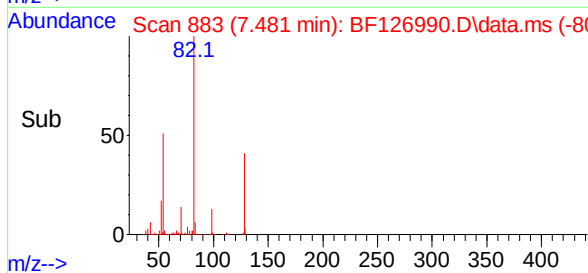
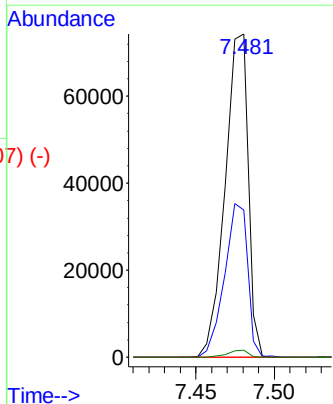
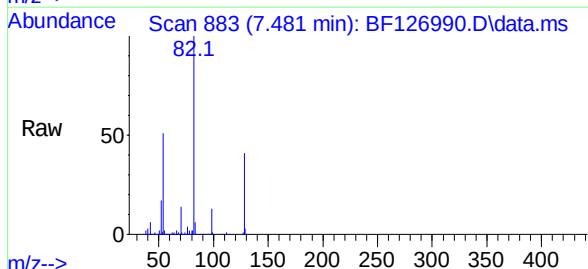
Instrument :
 BNA_F
 ClientSampleId :

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

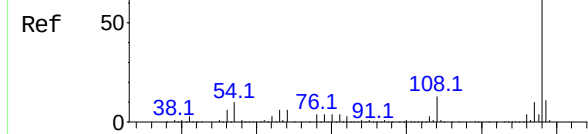
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

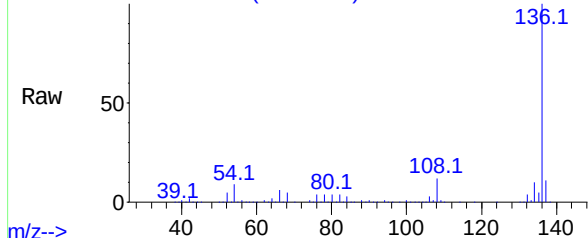
BNA_F

ClientSampleId :



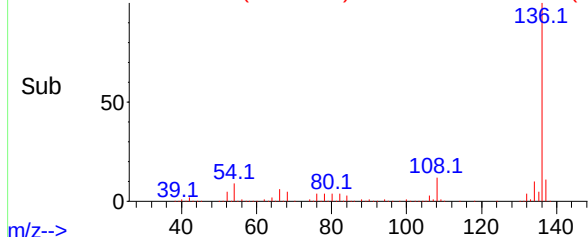
m/z-->

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



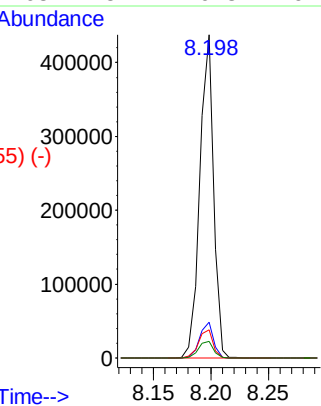
m/z-->

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

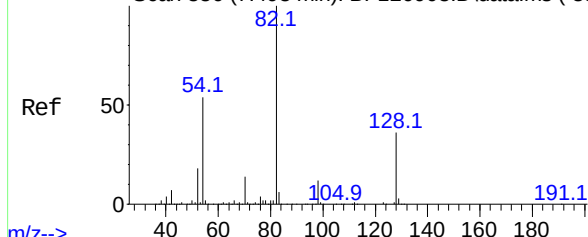
Concen: 68.323 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

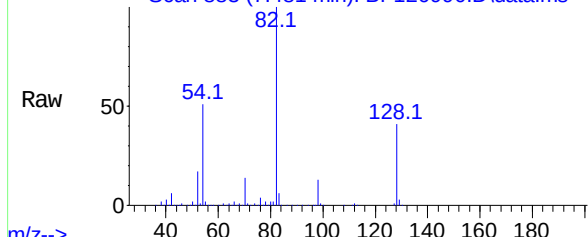
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09



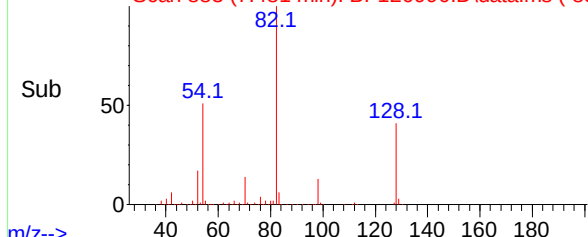
m/z-->

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



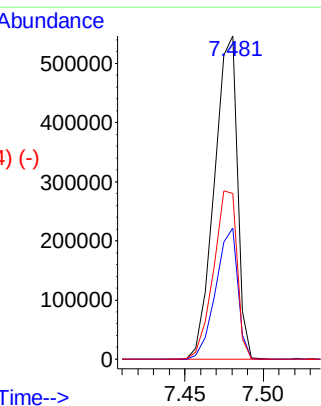
m/z-->

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

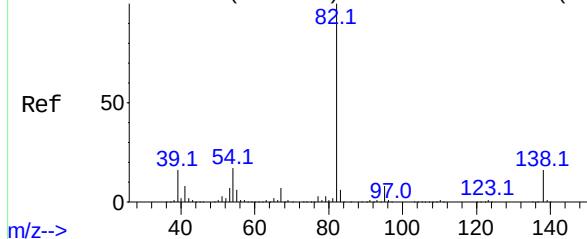


m/z-->

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

Instrument :

BNA_F

ClientSampleId :

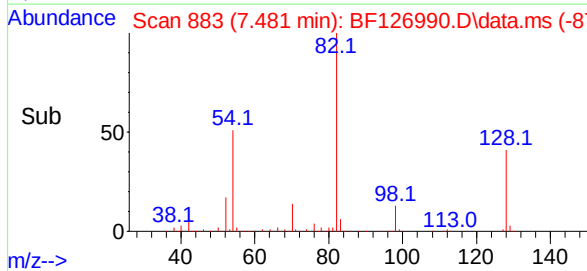
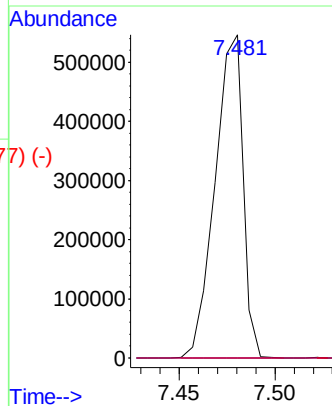
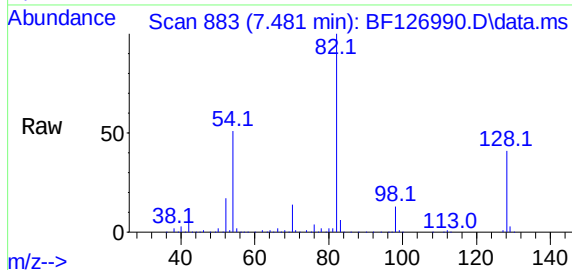
Tgt Ion: 82 Resp: 554069

Ion Ratio Lower Upper

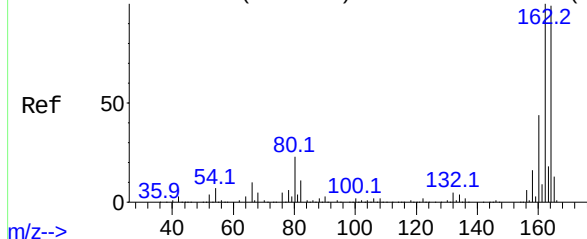
82 100

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

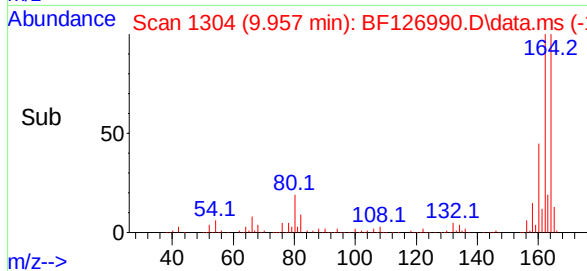
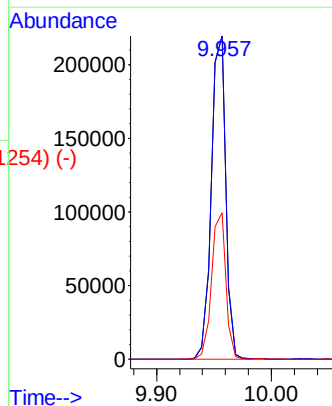
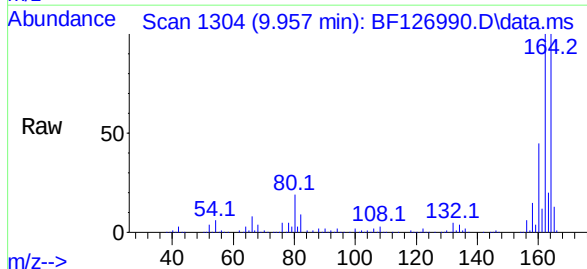
Tgt Ion:164 Resp: 191546

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 (-1442) (-)

2,4,6-Tribromophenol

Concen: 77.494 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

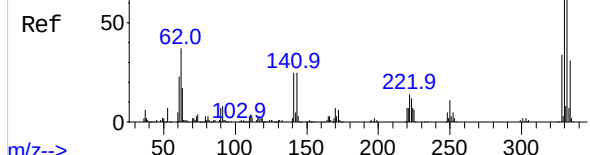
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :



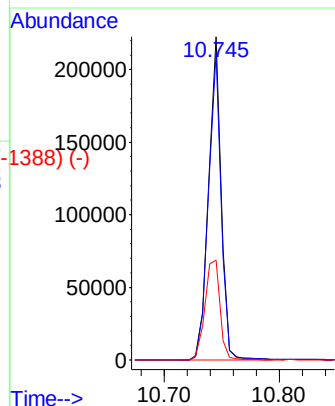
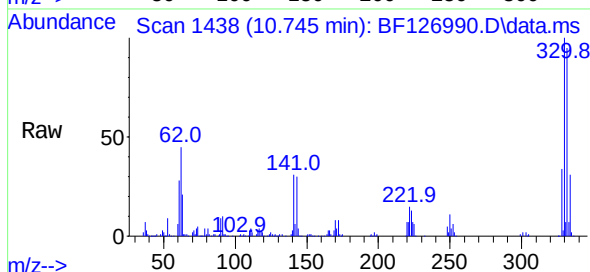
Tgt Ion:330 Resp: 170904

Ion Ratio Lower Upper

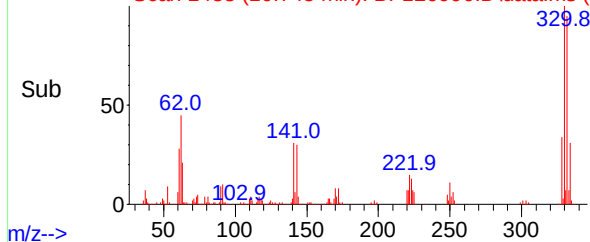
330 100

332 95.2 76.0 114.0

141 36.6 30.1 45.1



Abundance Scan 1438 (10.745 min): BF126990.D\data.ms (-1388) (-)



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-1188) (-)

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

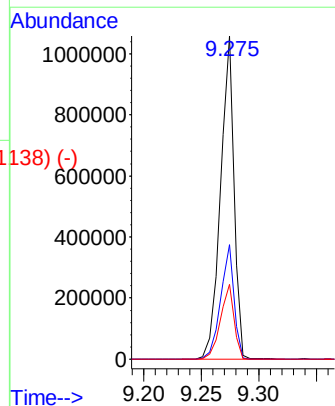
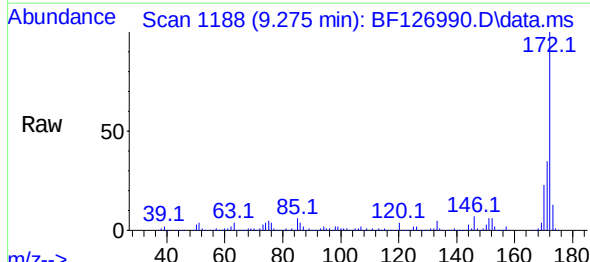
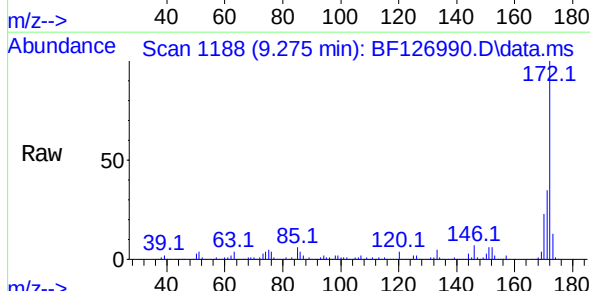
Tgt Ion:172 Resp: 871842

Ion Ratio Lower Upper

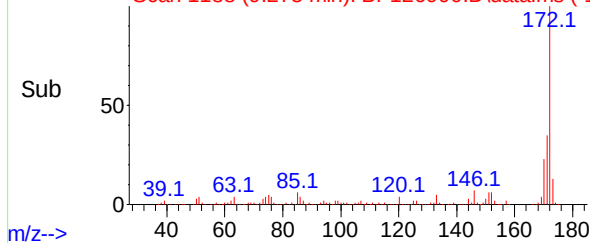
172 100

171 35.4 28.3 42.5

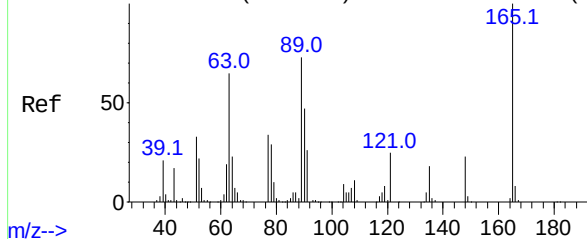
170 23.2 19.0 28.6



Abundance Scan 1188 (9.275 min): BF126990.D\data.ms (-1138) (-)



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

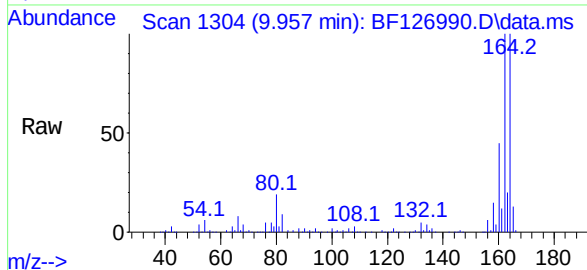
Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

m/z-->



Tgt Ion:165 Resp: 25413

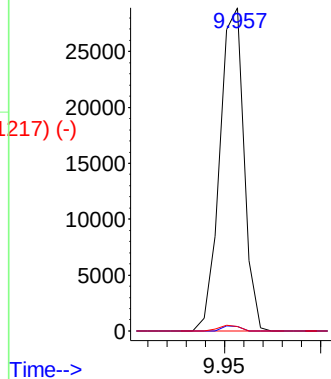
Ion Ratio Lower Upper

165 100

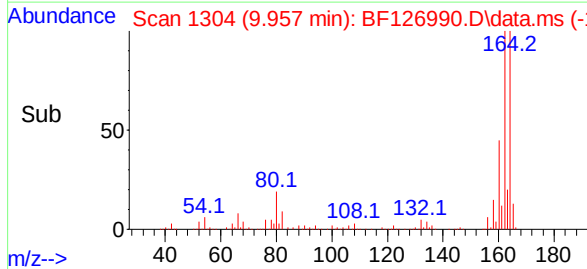
63 1.4 48.4 72.6#

89 1.3 50.5 75.7#

Abundance



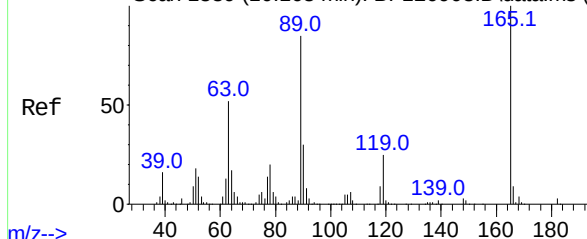
m/z-->



m/z-->

Time-->

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

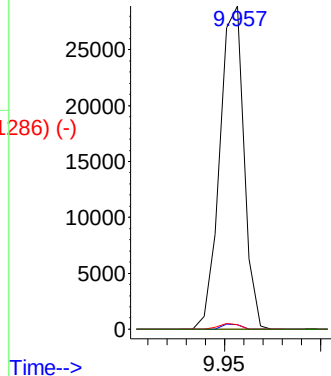
165 100

63 1.4 43.0 64.6#

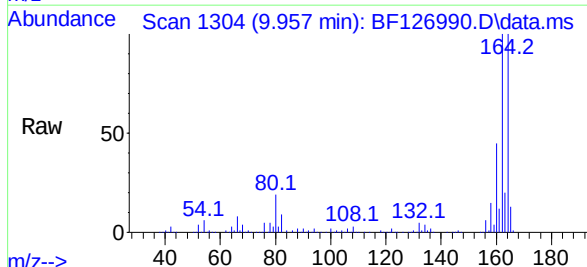
89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

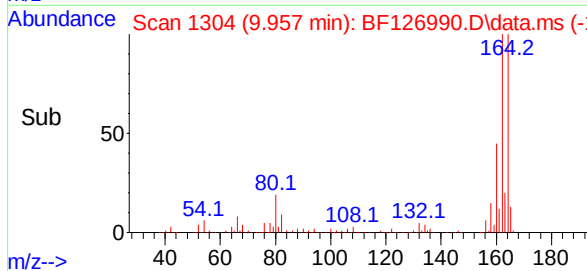
Abundance



m/z-->



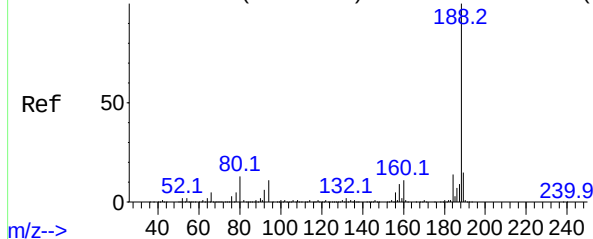
m/z-->



m/z-->

Time-->

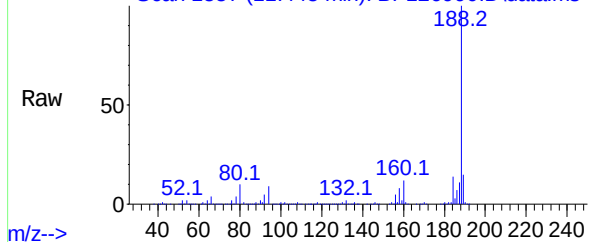
Abundance Scan 1560 (11.463 min): BF126908.D\data.ms (-1560) (-)



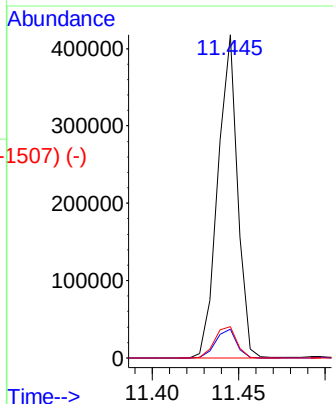
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

Instrument :
BNA_F
ClientSampleId :

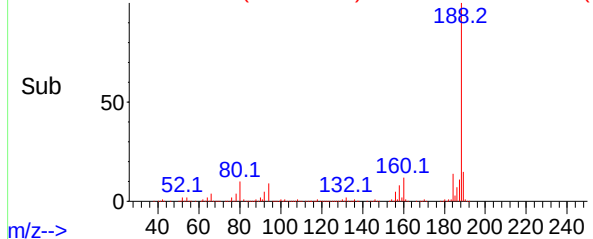
Abundance Scan 1557 (11.445 min): BF126990.D\data.ms (-1557) (-)



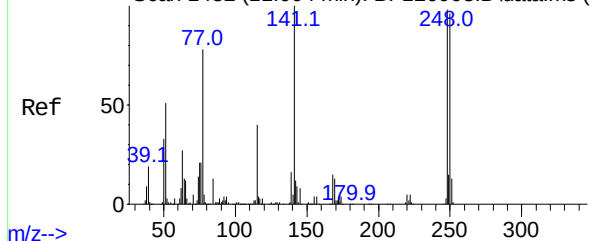
Tgt Ion:188 Resp: 335483
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 9.8 11.8 17.6#



Abundance Scan 1557 (11.445 min): BF126990.D\data.ms (-1507) (-)



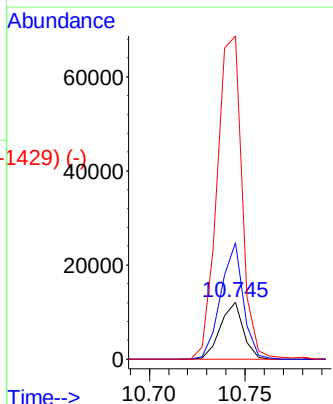
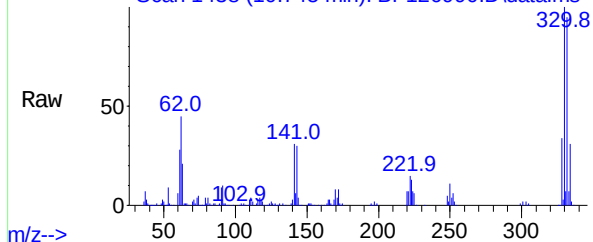
Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)



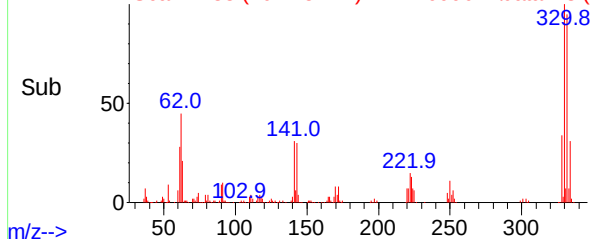
4-Bromophenyl-phenylether
Concen: 2.657 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

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 1438 (10.745 min): BF126990.D\data.ms (-1438) (-)



Abundance Scan 1438 (10.745 min): BF126990.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

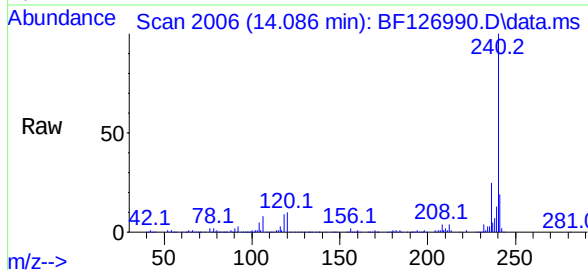
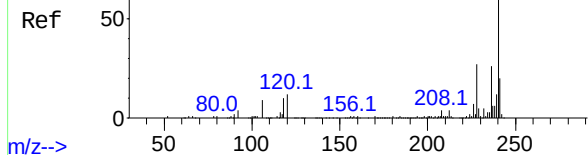
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :



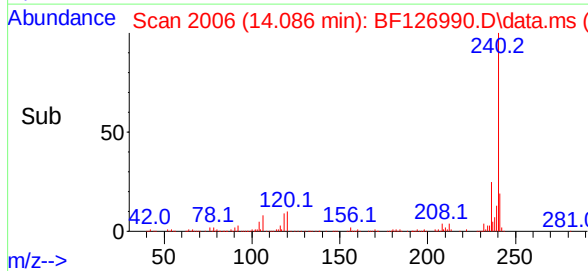
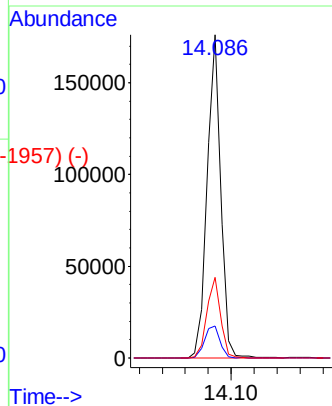
Tgt Ion:240 Resp: 144659

Ion Ratio Lower Upper

240 100

120 10.0 14.4 21.6#

236 24.9 20.5 30.7



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

Benzidine

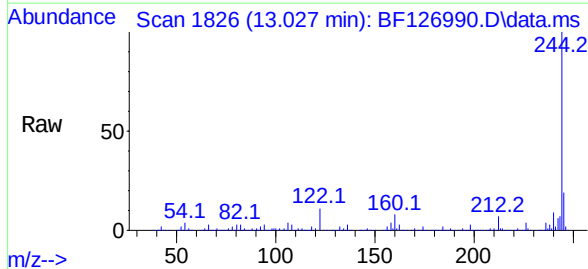
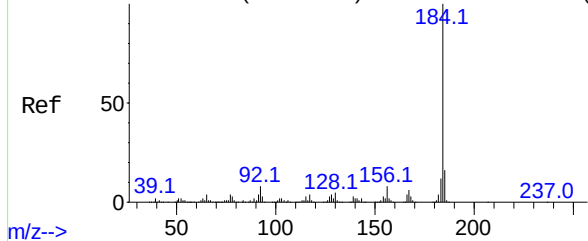
Concen: 2.866 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.241 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09



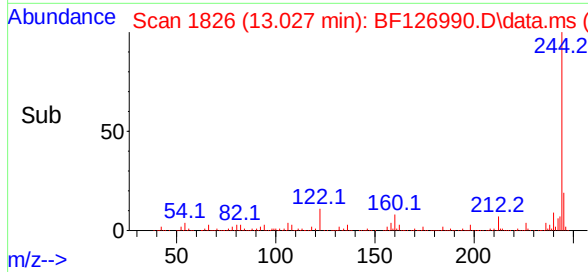
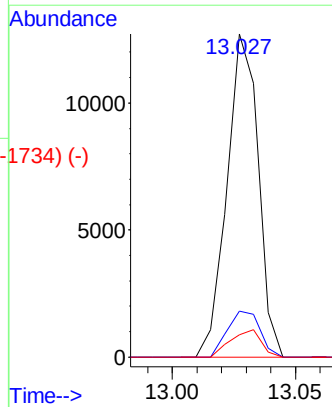
Tgt Ion:184 Resp: 11268

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

183 6.9 8.2 12.2#



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

Terphenyl-d14

Concen: 77.245 ng

RT: 13.027 min Scan#

Delta R.T. -0.012 min

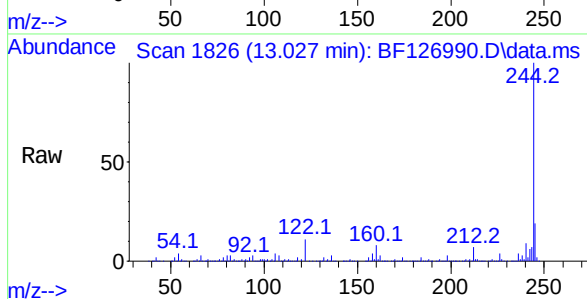
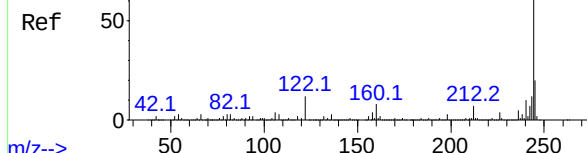
Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

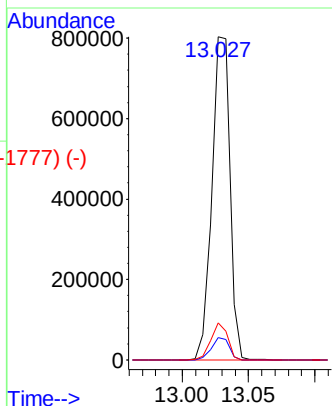
Instrument :

BNA_F

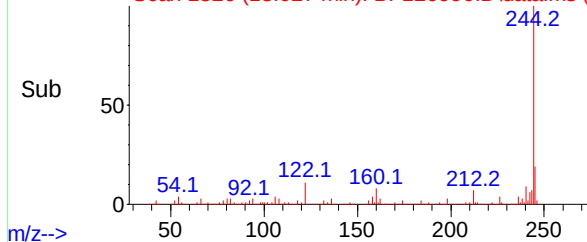
ClientSampleId :



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

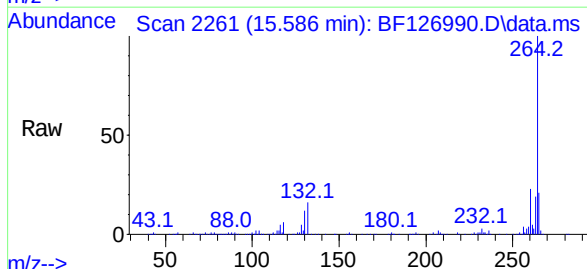
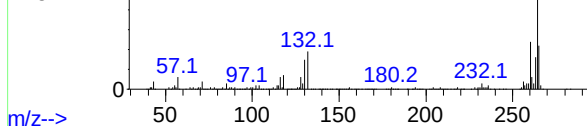
Concen: 20.000 ng

RT: 15.586 min Scan# 2261

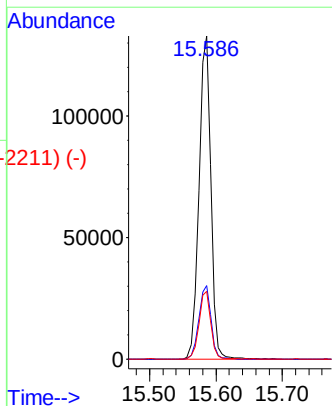
Delta R.T. -0.006 min

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) (-)

