

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126986.D
 Acq On : 21 Feb 2022 21:16
 Operator : CG\JU
 Sample : N1602-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:52:18 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

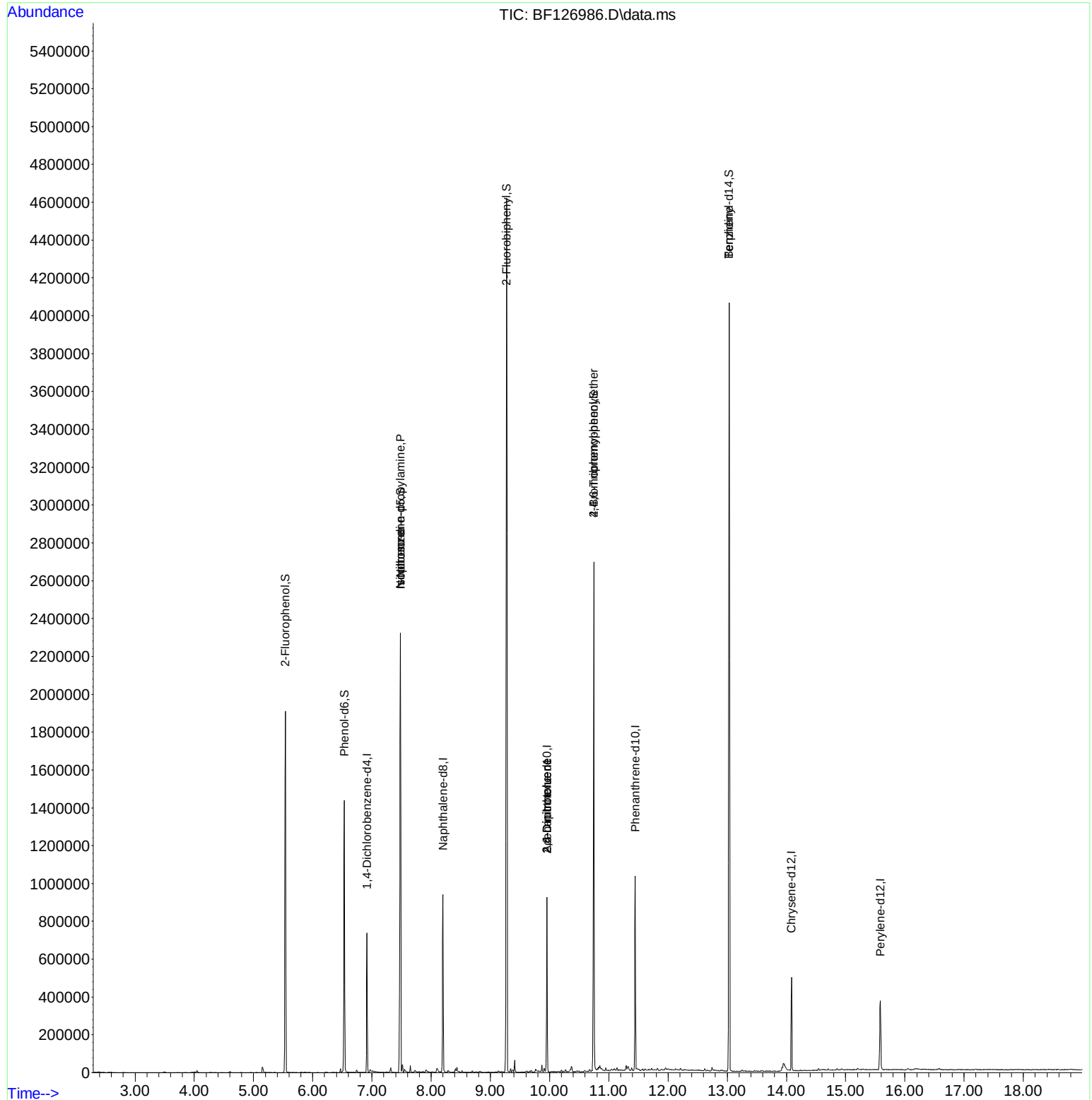
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

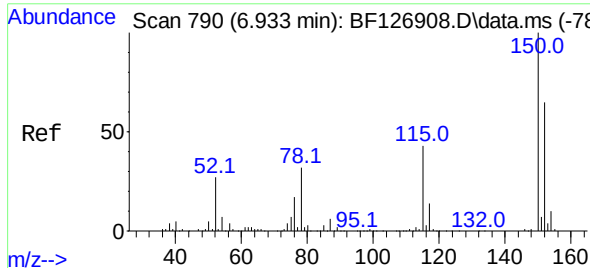
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89719	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366316	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	189126	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	325614	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	147525	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	164394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	445106	76.678	ng	0.00
7) Phenol-d6	6.534	99	410546	52.413	ng	-0.01
23) Nitrobenzene-d5	7.481	82	857672	105.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	299416	137.503	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1381407	107.529	ng	0.00
79) Terphenyl-d14	13.033	244	1331271	132.657	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	118170	23.413	ng	# 80
25) Isophorone	7.481	82	856167	63.754	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24397	8.870	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24397	6.561	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	17238	4.738	ng	# 1
77) Benzidine	13.033	184	20456	5.102	ng	# 97

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

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BNA_F
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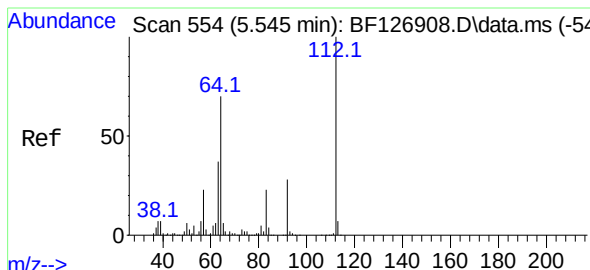
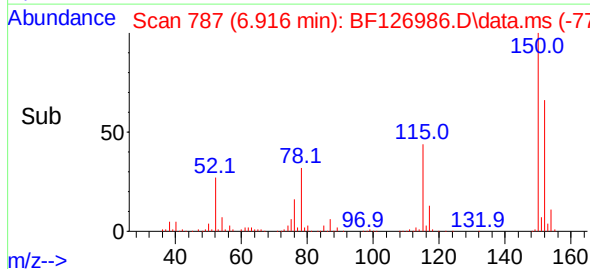
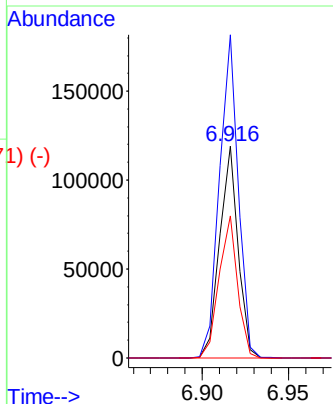
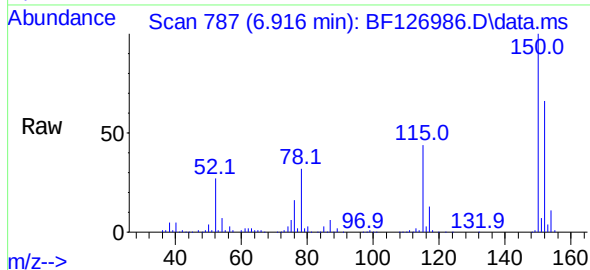




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126986.D
Acq: 21 Feb 2022 21:16

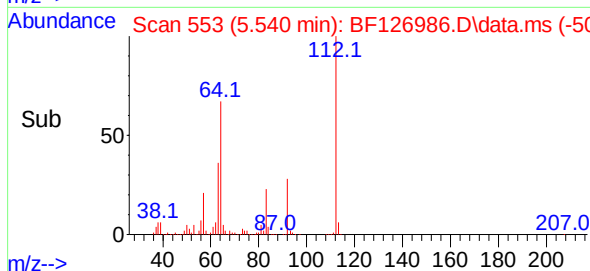
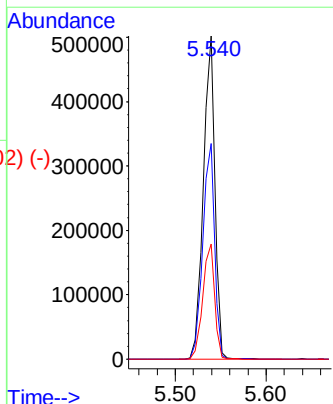
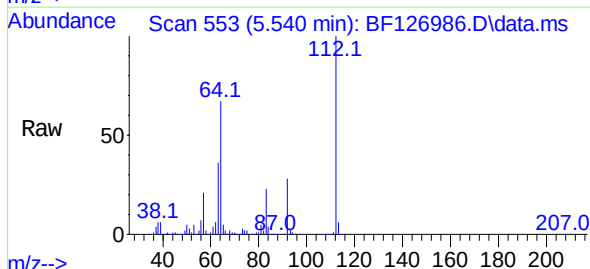
Instrument :
BNA_F
ClientSampleId :

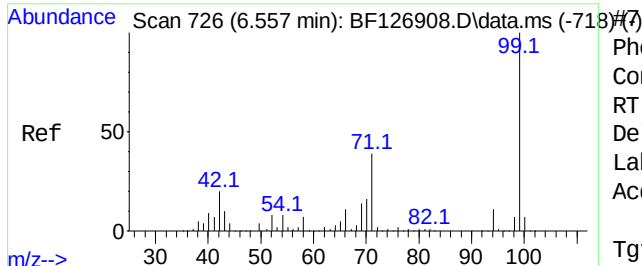
Tgt Ion:152 Resp: 89719
Ion Ratio Lower Upper
152 100
150 152.5 128.1 192.1
115 66.9 56.7 85.1



2-Fluorophenol
Concen: 76.678 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF126986.D
Acq: 21 Feb 2022 21:16

Tgt Ion:112 Resp: 445106
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 35.6 23.9 35.9

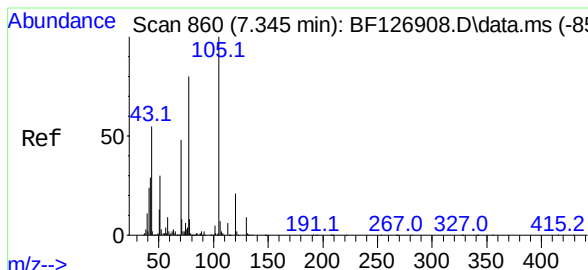
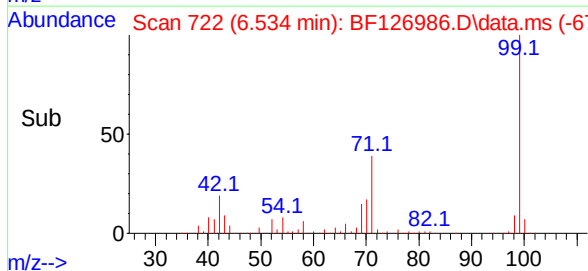
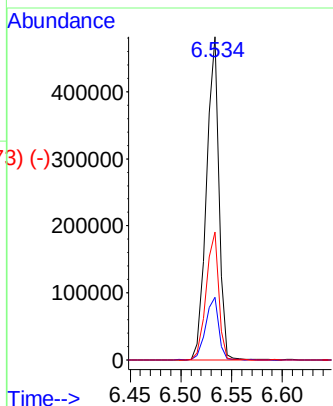
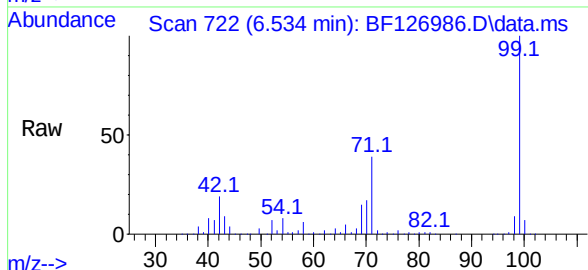




Phenol-d6
 Concen: 52.413 ng
 RT: 6.534 min Scan#
 Delta R.T. -0.012 min
 Lab File: BF126986.D
 Acq: 21 Feb 2022 21:16

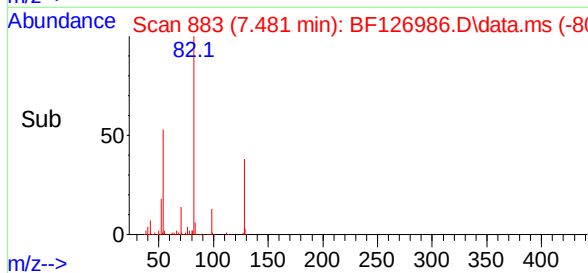
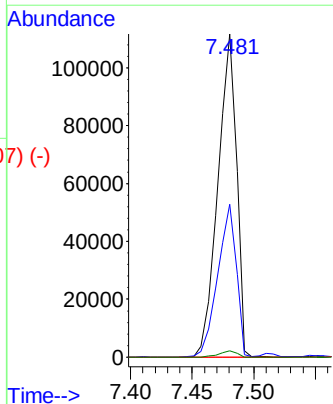
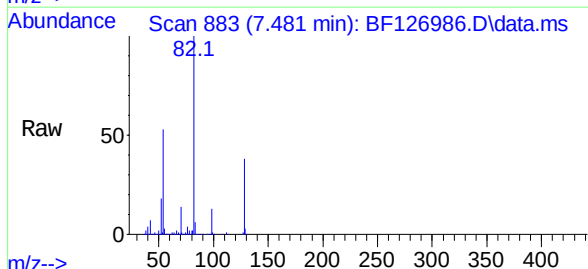
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99 Resp: 410546
 Ion Ratio Lower Upper
 99 100
 42 19.4 14.2 21.4
 71 39.5 24.3 36.5#

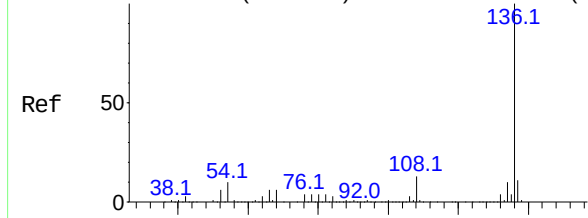


n-Nitroso-di-n-propylamine
 Concen: 23.413 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126986.D
 Acq: 21 Feb 2022 21:16

Tgt Ion: 70 Resp: 118170
 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#

Delta R.T. -0.006 min

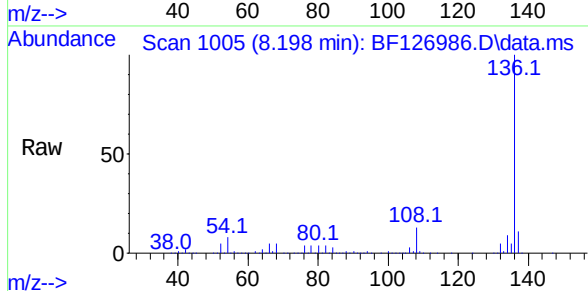
Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 366316

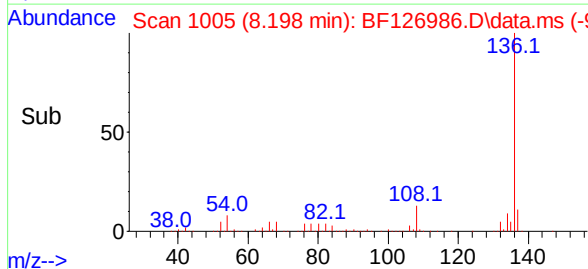
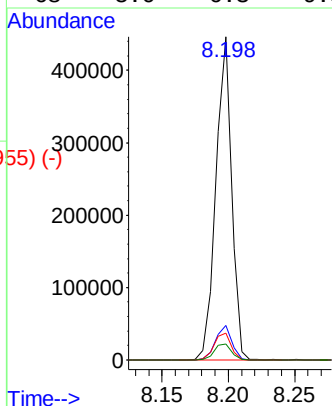
Ion Ratio Lower Upper

136 100

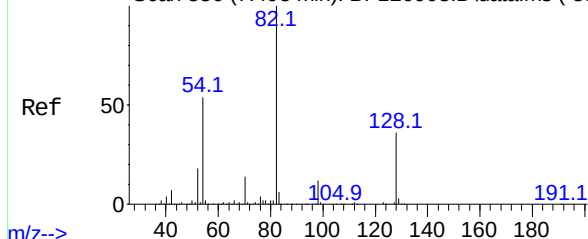
137 10.6 8.6 13.0

54 8.4 7.8 11.6

68 5.0 6.3 9.5#



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



Nitrobenzene-d5

Concen: 105.682 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

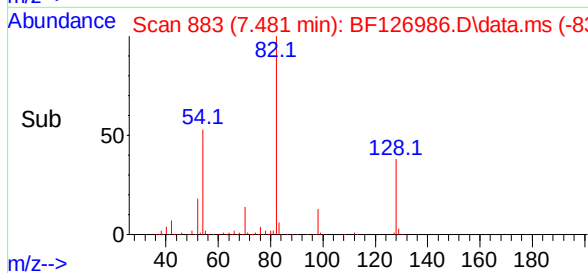
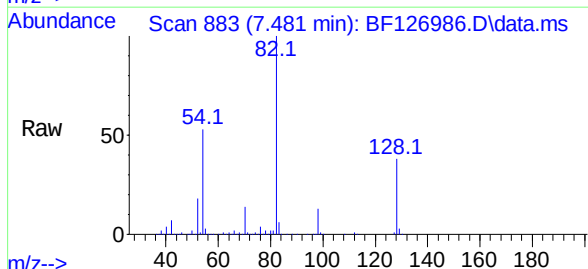
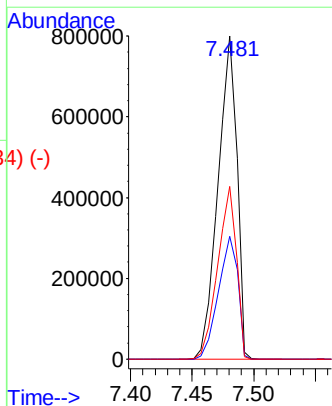
Tgt Ion: 82 Resp: 857672

Ion Ratio Lower Upper

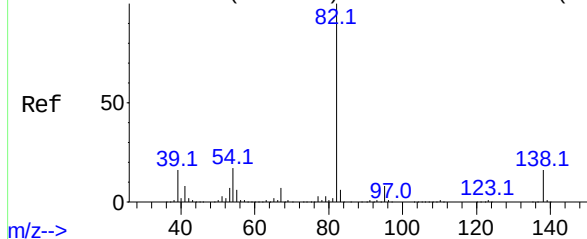
82 100

128 38.1 32.7 49.1

54 53.4 41.7 62.5



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



Isophorone

Concen: 63.754 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :

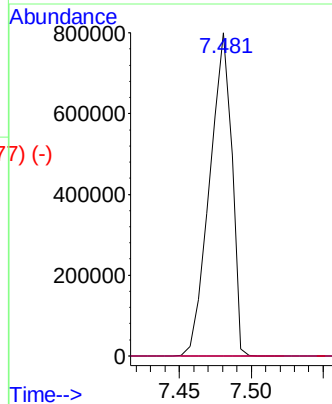
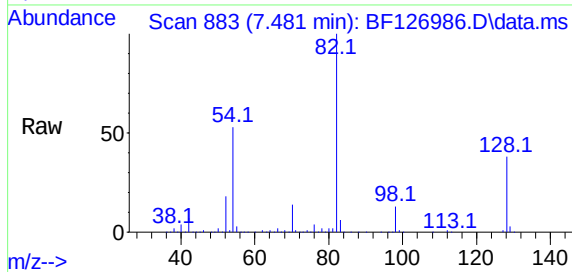
Tgt Ion: 82 Resp: 856167

Ion Ratio Lower Upper

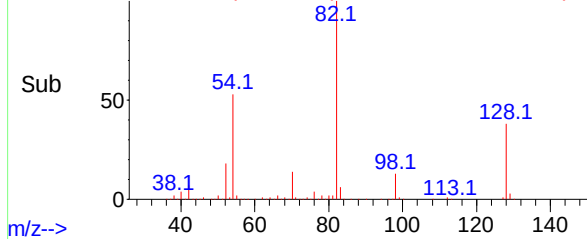
82 100

95 0.0 5.0 7.4#

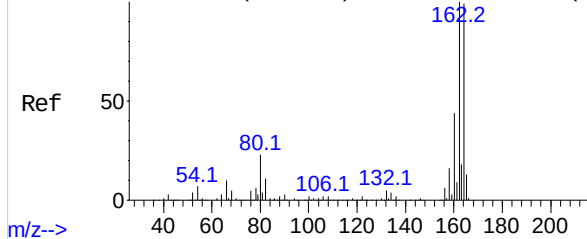
138 0.0 12.3 18.5#



Abundance Scan 883 (7.481 min): BF126986.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: BF126986.D

Acq: 21 Feb 2022 21:16

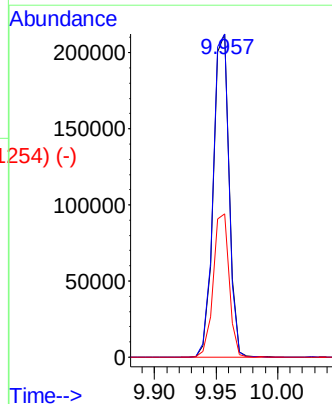
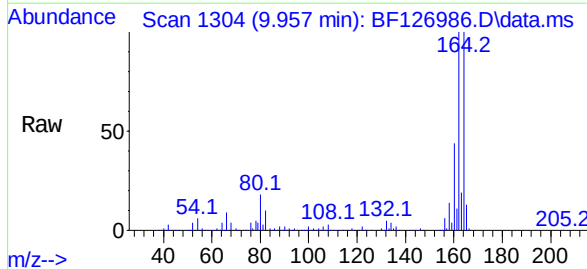
Tgt Ion:164 Resp: 189126

Ion Ratio Lower Upper

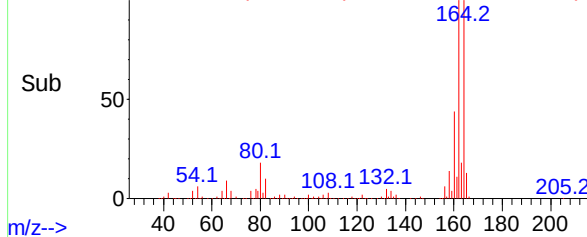
164 100

162 100.1 81.4 122.0

160 44.4 36.6 54.8



Abundance Scan 1304 (9.957 min): BF126986.D\data.ms (-1254) (-)



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

2,4,6-Tribromophenol

Concen: 137.503 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

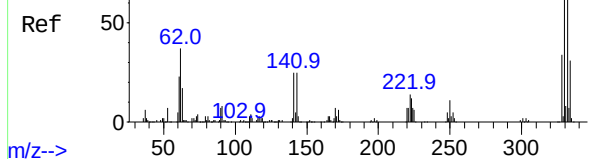
Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :



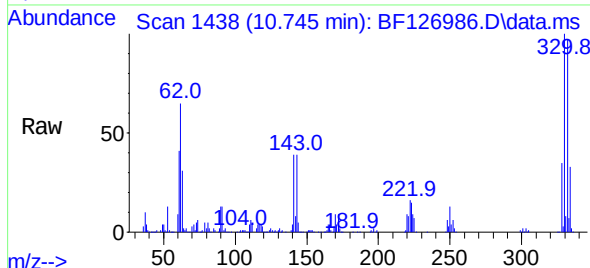
Tgt Ion:330 Resp: 299416

Ion Ratio Lower Upper

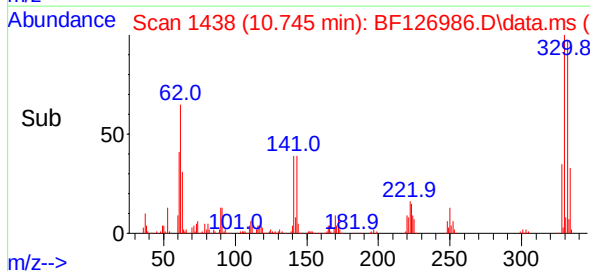
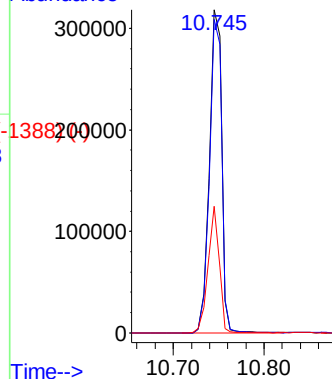
330 100

332 97.0 76.0 114.0

141 35.8 30.1 45.1



Abundance



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

2-Fluorobiphenyl

Concen: 107.529 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

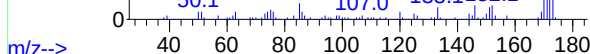
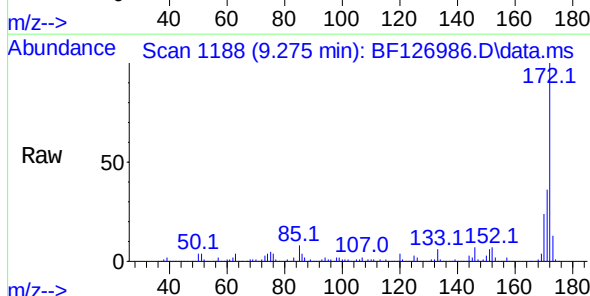
Tgt Ion:172 Resp: 1381407

Ion Ratio Lower Upper

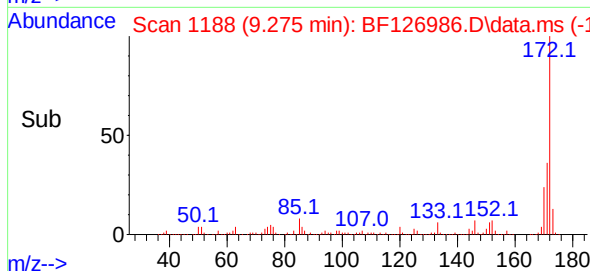
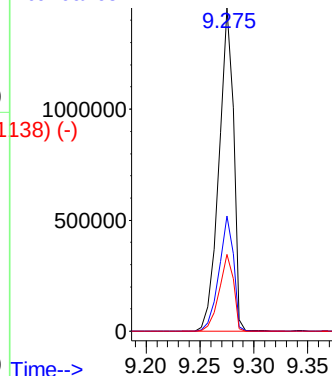
172 100

171 35.6 28.3 42.5

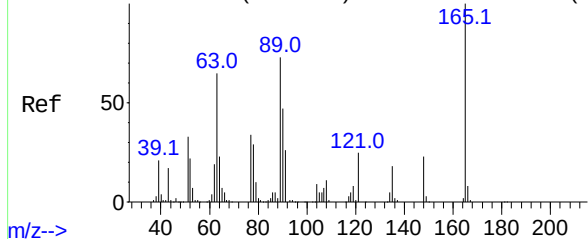
170 23.7 19.0 28.6



Abundance



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)



2,6-Dinitrotoluene

Concen: 8.870 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

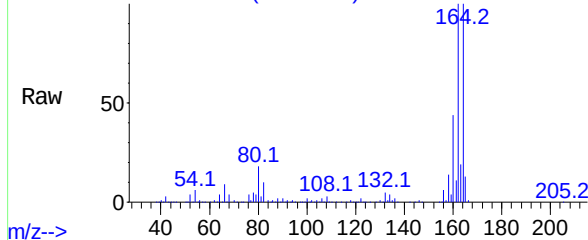
Instrument :

BNA_F

ClientSampleId :

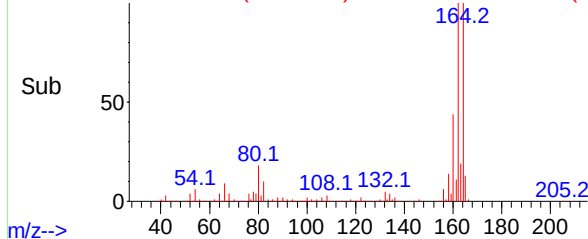
m/z-->

Abundance Scan 1304 (9.957 min): BF126986.D\data.ms



m/z-->

Abundance Scan 1304 (9.957 min): BF126986.D\data.ms (-1217) (-)



m/z-->

Tgt Ion:165 Resp: 24397

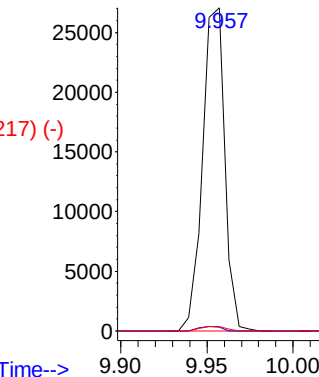
Ion Ratio Lower Upper

165 100

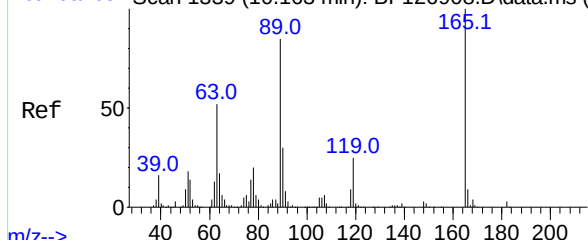
63 1.1 48.4 72.6#

89 1.4 50.5 75.7#

Abundance

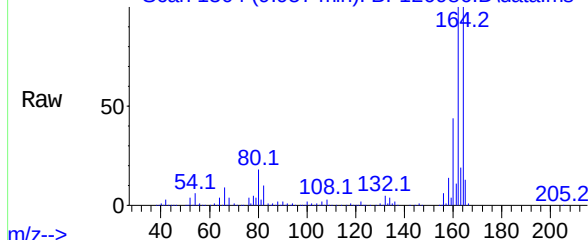


Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



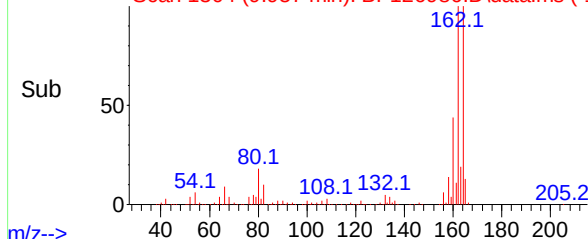
m/z-->

Abundance Scan 1304 (9.957 min): BF126986.D\data.ms



m/z-->

Abundance Scan 1304 (9.957 min): BF126986.D\data.ms (-1286) (-)



m/z-->

2,4-Dinitrotoluene

Concen: 6.561 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Tgt Ion:165 Resp: 24397

Ion Ratio Lower Upper

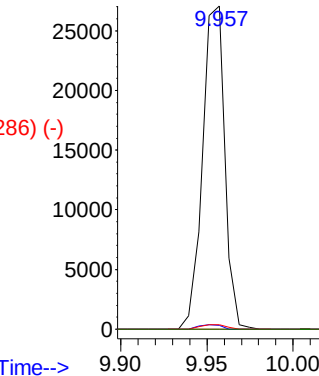
165 100

63 1.1 43.0 64.6#

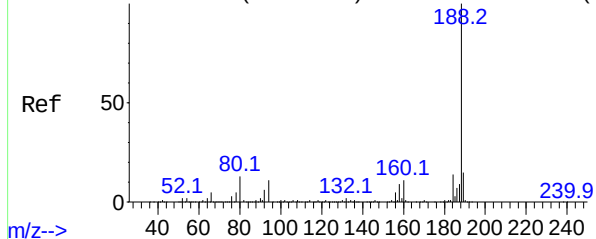
89 1.4 71.0 106.4#

182 0.0 1.6 2.4#

Abundance



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



Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan#

Delta R.T. -0.006 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:188 Resp: 325614

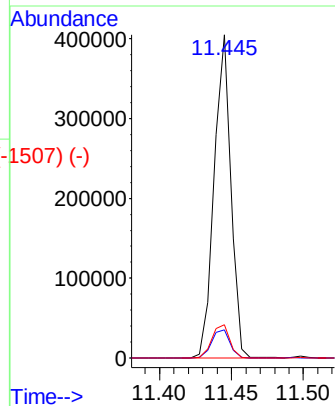
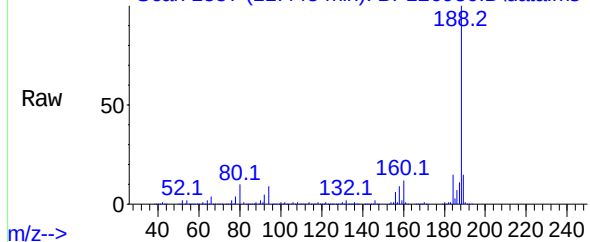
Ion Ratio Lower Upper

188 100

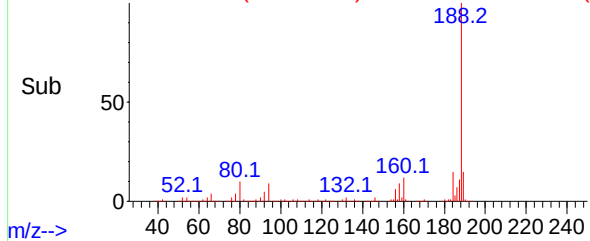
94 8.7 10.1 15.1#

80 10.4 11.8 17.6#

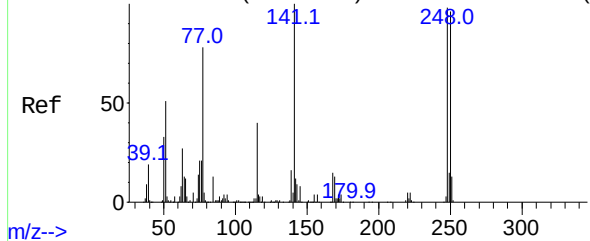
Abundance Scan 1557 (11.445 min): BF126986.D\data.ms



Abundance Scan 1557 (11.445 min): BF126986.D\data.ms (-1507) (-)



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



4-Bromophenyl-phenylether

Concen: 4.738 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Tgt Ion:248 Resp: 17238

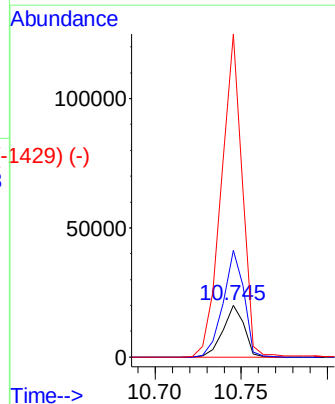
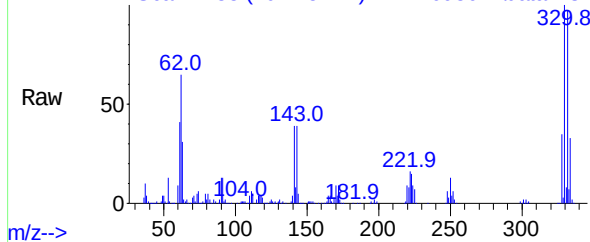
Ion Ratio Lower Upper

248 100

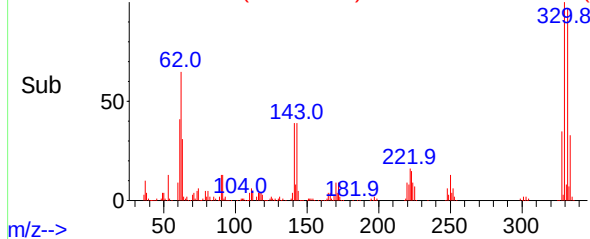
250 205.6 76.2 114.4#

141 623.6 66.2 99.4#

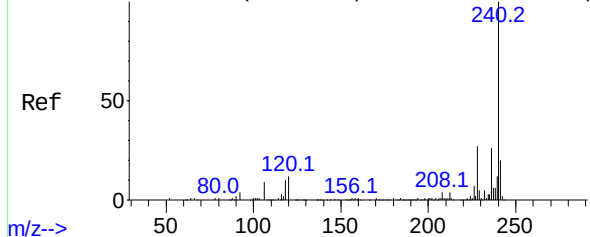
Abundance Scan 1438 (10.745 min): BF126986.D\data.ms



Abundance Scan 1438 (10.745 min): BF126986.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

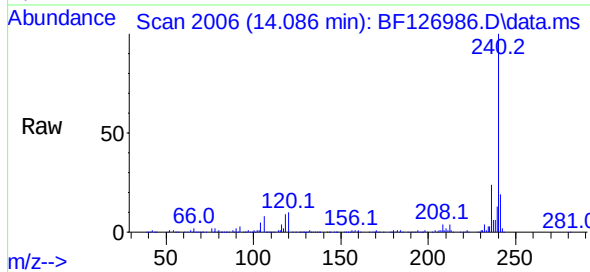
Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :



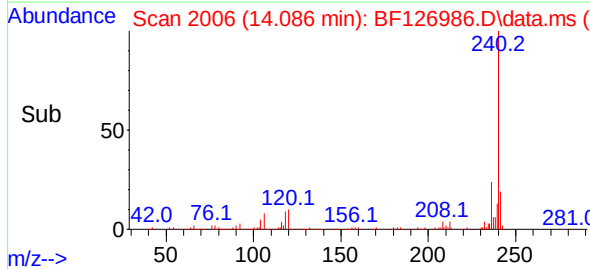
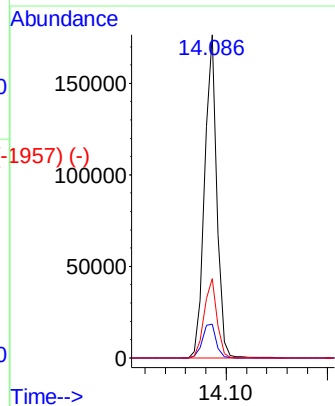
Tgt Ion:240 Resp: 147525

Ion Ratio Lower Upper

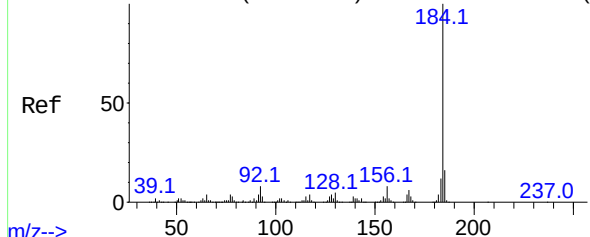
240 100

120 10.4 14.4 21.6#

236 24.5 20.5 30.7



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



Benzidine

Concen: 5.102 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

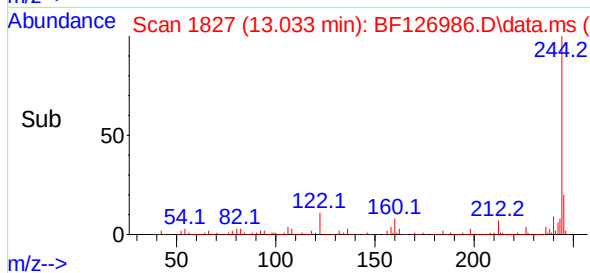
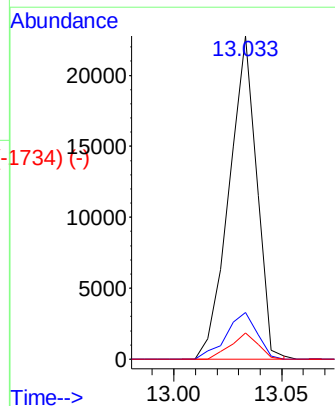
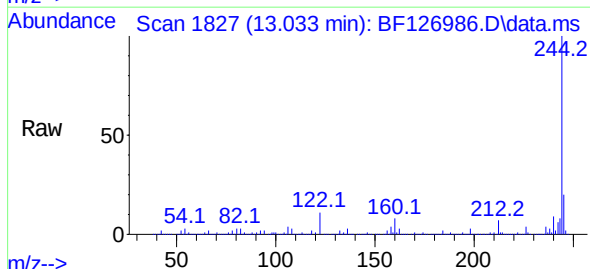
Tgt Ion:184 Resp: 20456

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

183 8.2 8.2 12.2#



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

Terphenyl-d14

Concen: 132.657 ng

RT: 13.033 min Scan#

Delta R.T. -0.006 min

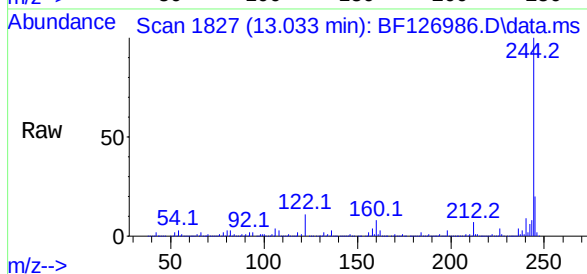
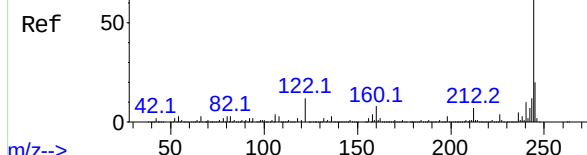
Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

Instrument :

BNA_F

ClientSampleId :



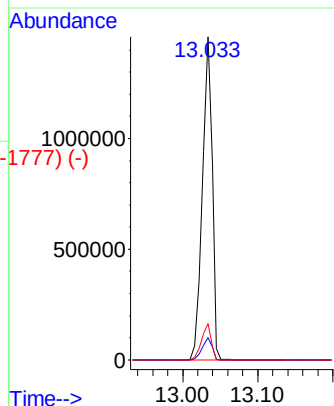
Tgt Ion:244 Resp: 1331271

Ion Ratio Lower Upper

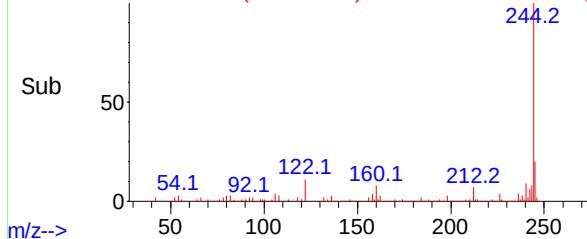
244 100

212 7.0 5.0 7.4

122 11.4 13.3 19.9#



Abundance Scan 1827 (13.033 min): BF126986.D\data.ms (-1777) (-)



Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2586) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF126986.D

Acq: 21 Feb 2022 21:16

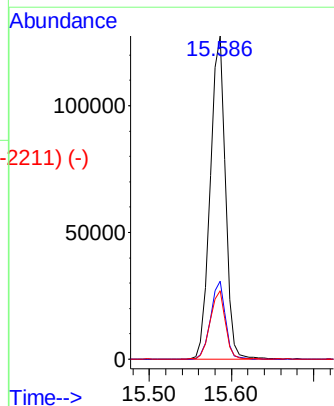
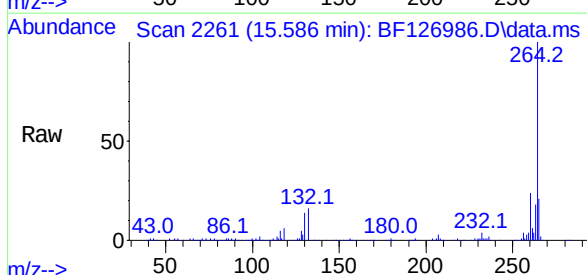
Tgt Ion:264 Resp: 164394

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.4 26.2



Abundance Scan 2261 (15.586 min): BF126986.D\data.ms (-2211) (-)

