

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126995.D
 Acq On : 22 Feb 2022 01:28
 Operator : CG\JU
 Sample : N1602-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:55:26 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)

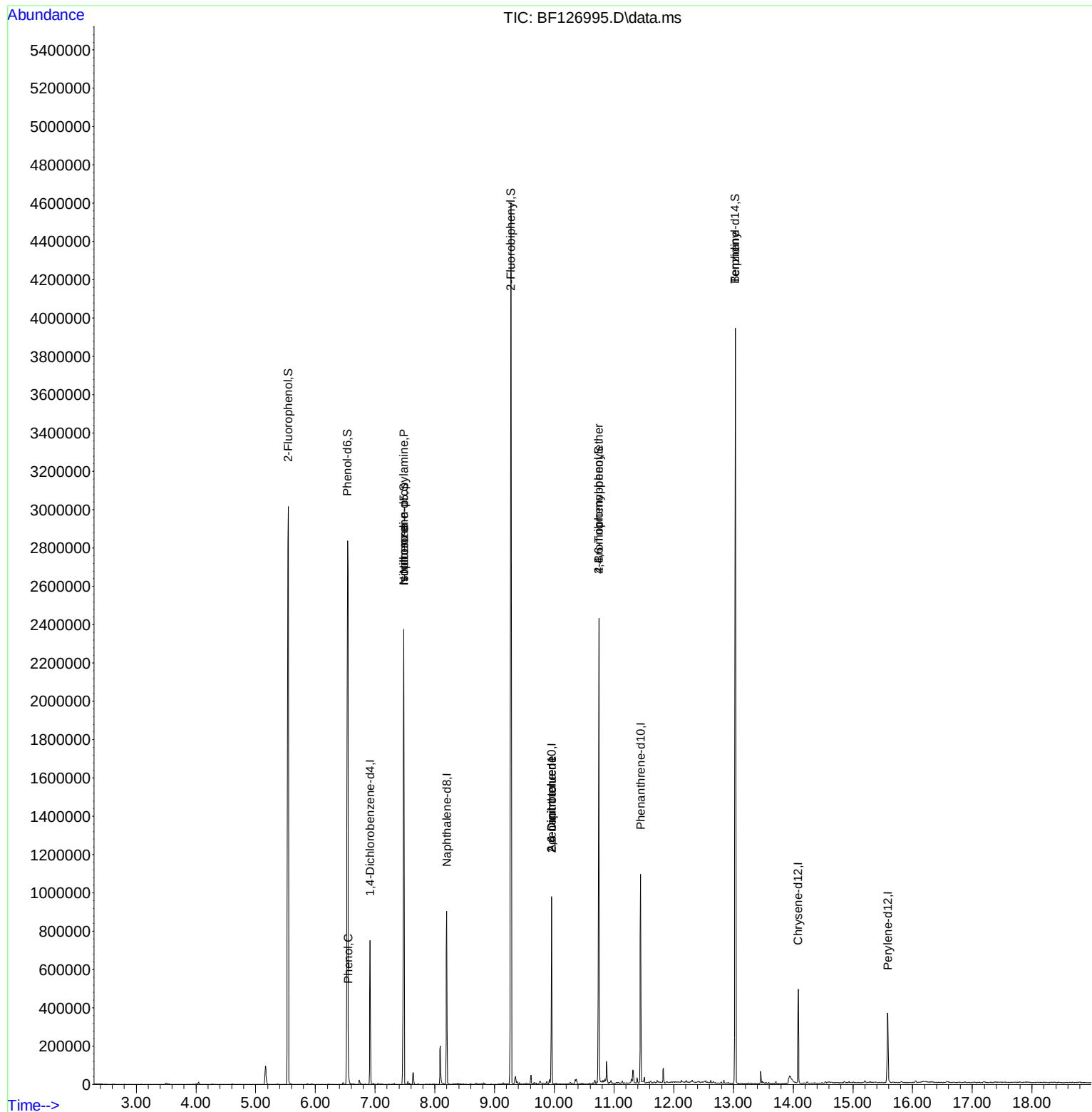
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89292	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	362543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	190377	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336903	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	153910	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	165384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	827998	143.320	ng	0.00
7) Phenol-d6	6.539	99	1147007	147.135	ng	0.00
23) Nitrobenzene-d5	7.481	82	805660	100.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	260559	118.872	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1289190	99.691	ng	0.00
79) Terphenyl-d14	13.033	244	1286010	122.831	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.551	94	18093	2.297	ng	75
19) n-Nitroso-di-n-propyla...	7.481	70	111939	22.284	ng	# 78
25) Isophorone	7.481	82	804425	60.525	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	25361	9.160	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	25361	6.775	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	15129	4.019	ng	# 1
77) Benzidine	13.033	184	19069	4.559	ng	# 96

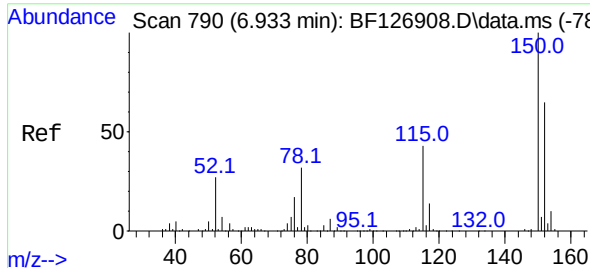
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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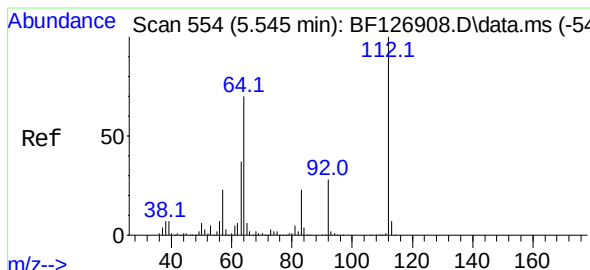
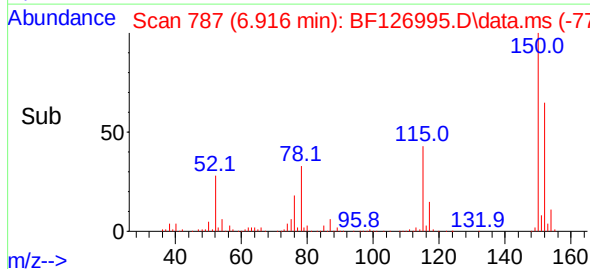
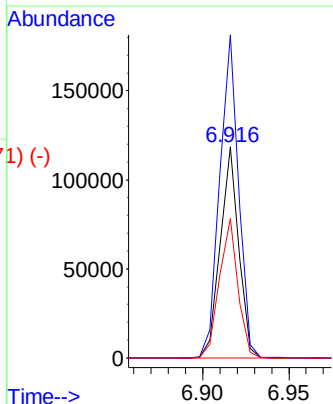
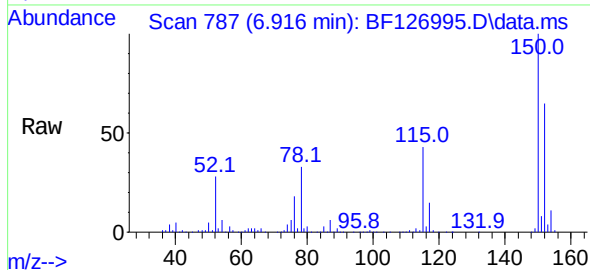




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

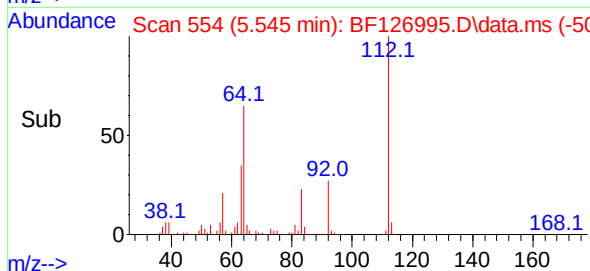
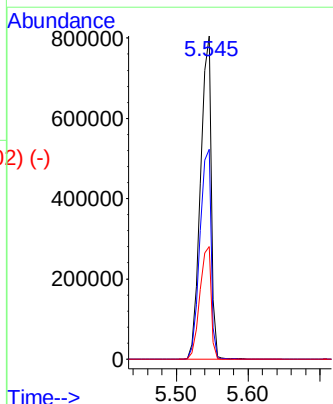
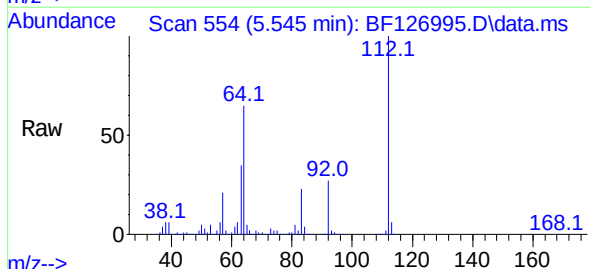
Instrument :
BNA_F
ClientSampleId :

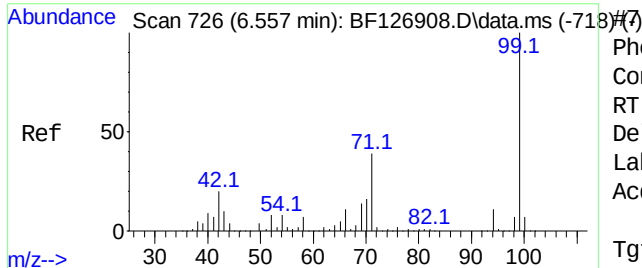
Tgt Ion:152 Resp: 89292
Ion Ratio Lower Upper
152 100
150 152.9 128.1 192.1
115 66.1 56.7 85.1



2-Fluorophenol
Concen: 143.320 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Tgt Ion:112 Resp: 827998
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 34.8 23.9 35.9





Phenol-d6

Concen: 147.135 ng

RT: 6.539 min Scan#

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :

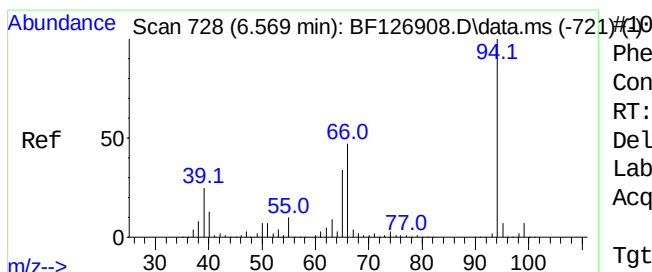
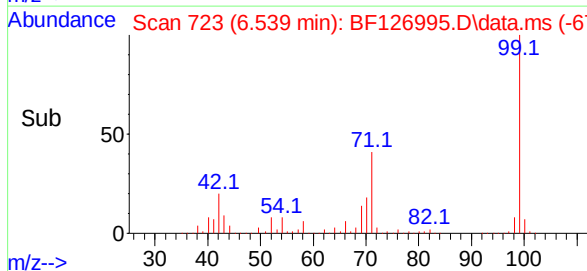
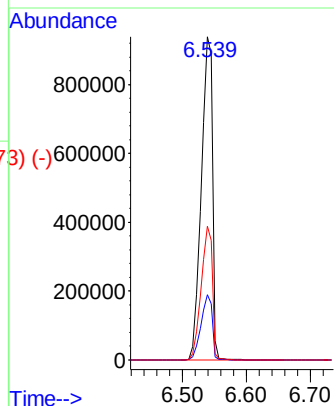
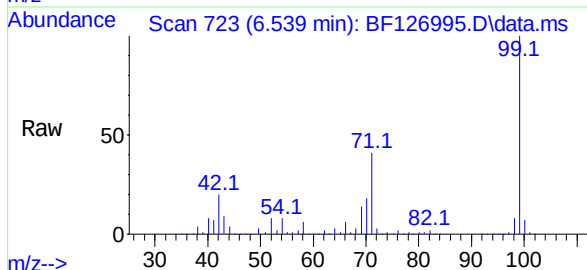
Tgt Ion: 99 Resp: 1147007

Ion Ratio Lower Upper

99 100

42 20.3 14.2 21.4

71 41.3 24.3 36.5#



Phenol

Concen: 2.297 ng

RT: 6.551 min Scan# 725

Delta R.T. -0.012 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

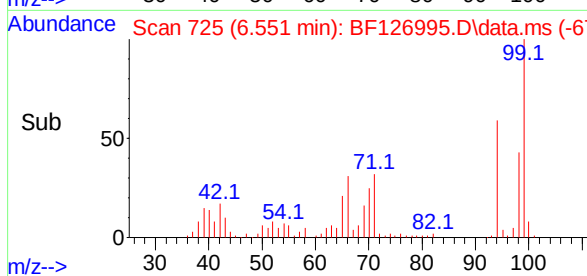
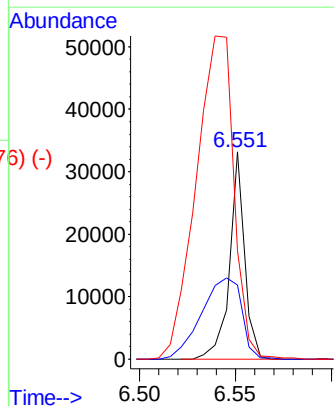
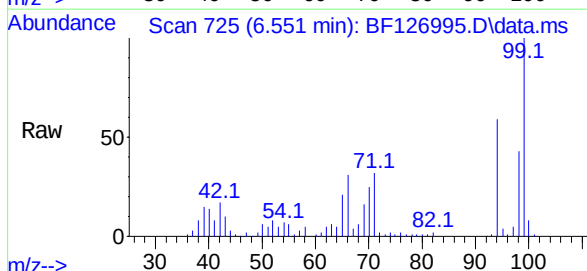
Tgt Ion: 94 Resp: 18093

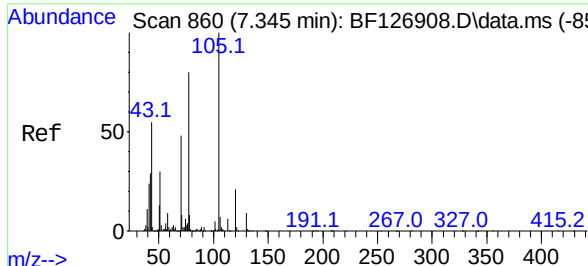
Ion Ratio Lower Upper

94 100

65 35.8 7.2 47.2

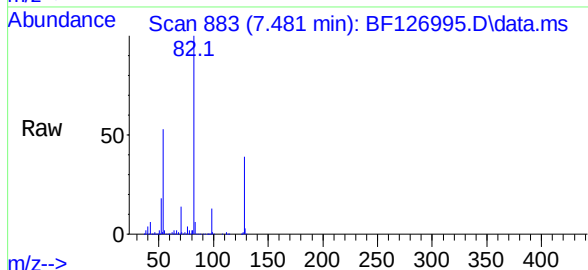
66 52.3 14.5 54.5



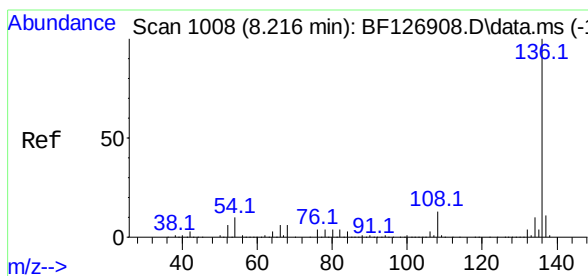
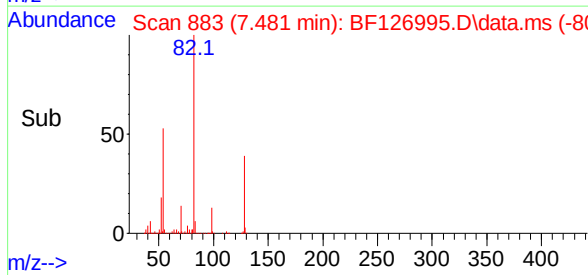
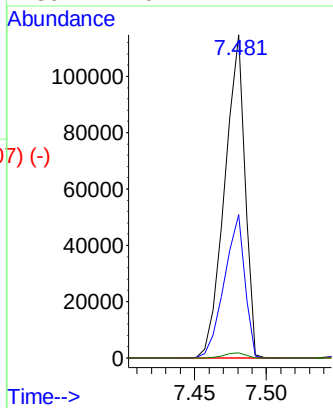


#19
 n-Nitroso-di-n-propylamine
 Concen: 22.284 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Instrument :
 BNA_F
 ClientSampleId :

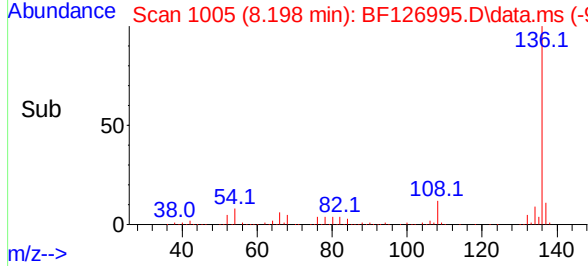
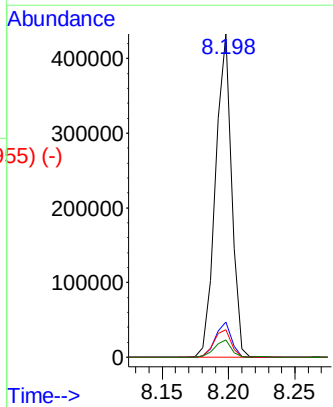
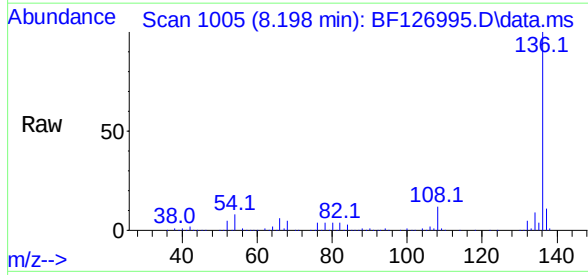


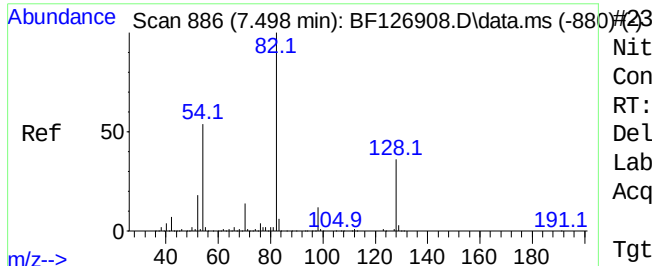
Tgt Ion:	70	Resp:	111939
Ion	Ratio	Lower	Upper
70	100		
42	44.3	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.198 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Tgt Ion:	136	Resp:	362543
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#





Nitrobenzene-d5

Concen: 100.306 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

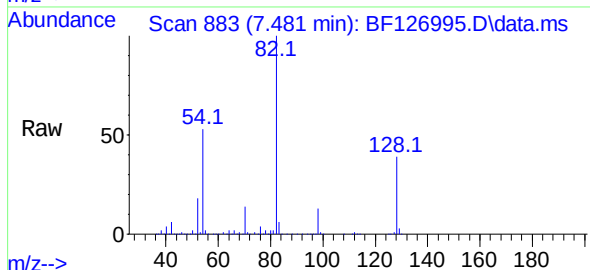
Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :



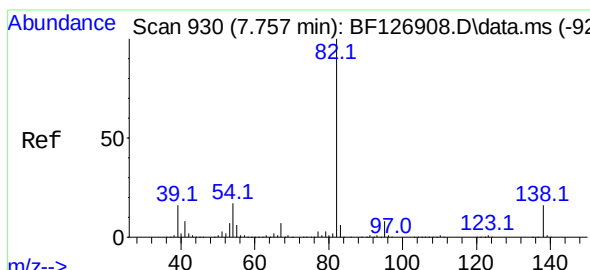
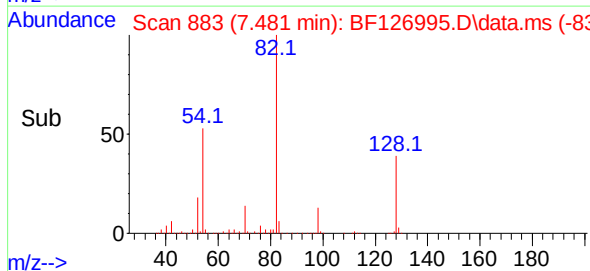
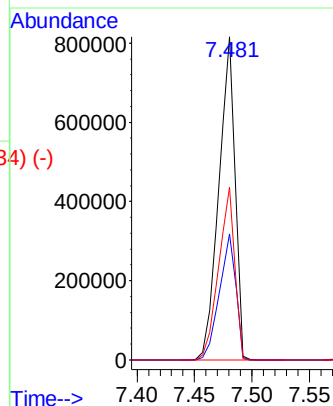
Tgt Ion: 82 Resp: 805660

Ion Ratio Lower Upper

82 100

128 38.9 32.7 49.1

54 53.5 41.7 62.5



Isophorone

Concen: 60.525 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.265 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

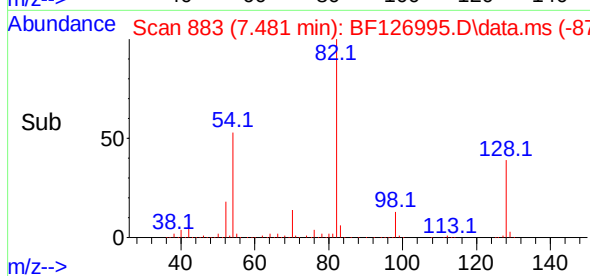
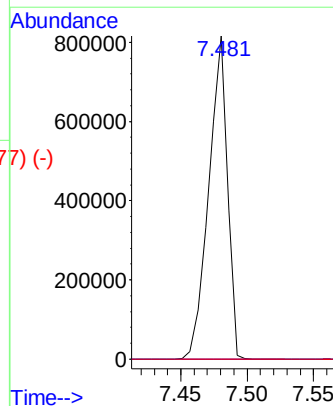
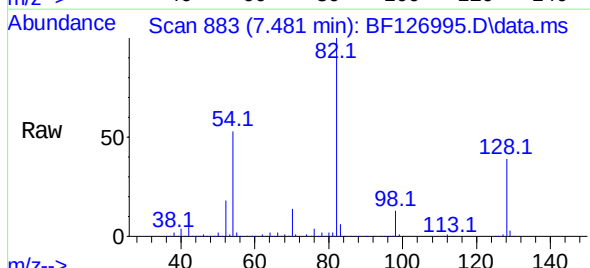
Tgt Ion: 82 Resp: 804425

Ion Ratio Lower Upper

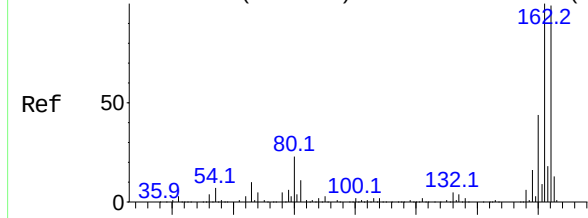
82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



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



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan#

Delta R.T. -0.006 min

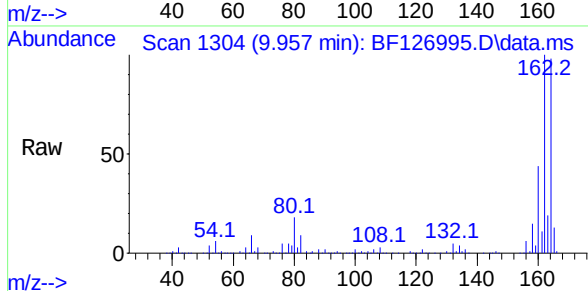
Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :



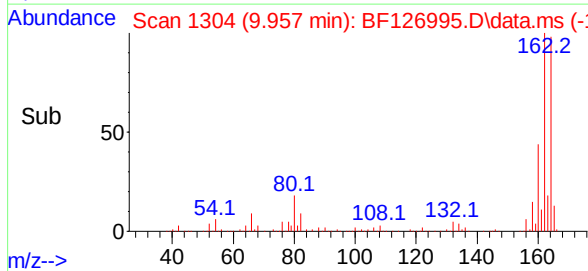
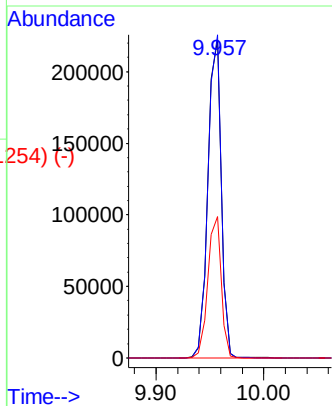
Tgt Ion:164 Resp: 190377

Ion Ratio Lower Upper

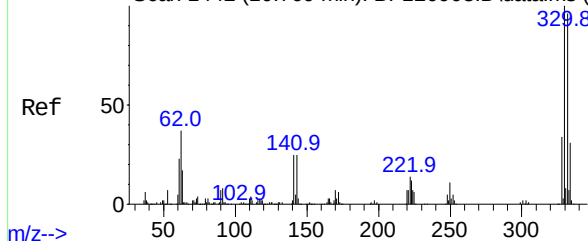
164 100

162 101.6 81.4 122.0

160 44.5 36.6 54.8



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



2,4,6-Tribromophenol

Concen: 118.872 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

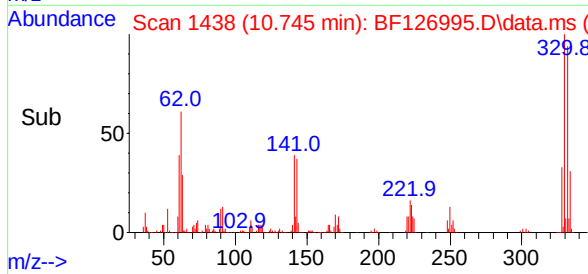
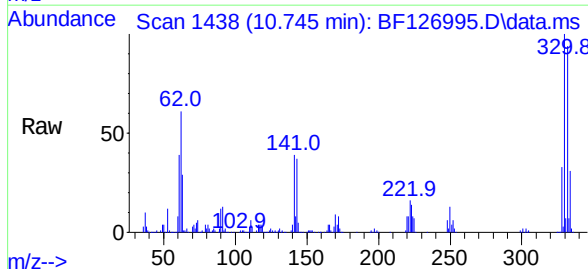
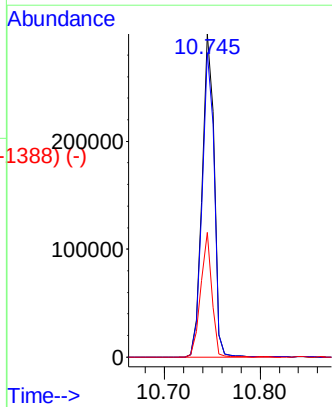
Tgt Ion:330 Resp: 260559

Ion Ratio Lower Upper

330 100

332 94.3 76.0 114.0

141 36.0 30.1 45.1



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11851)

2-Fluorobiphenyl

Concen: 99.691 ng

RT: 9.275 min Scan#

Delta R.T. -0.006 min

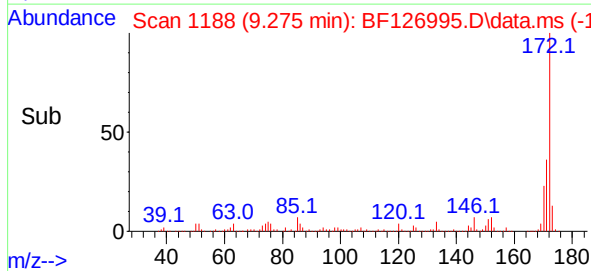
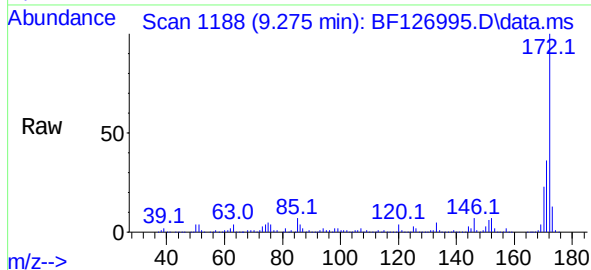
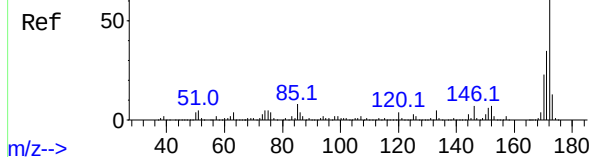
Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

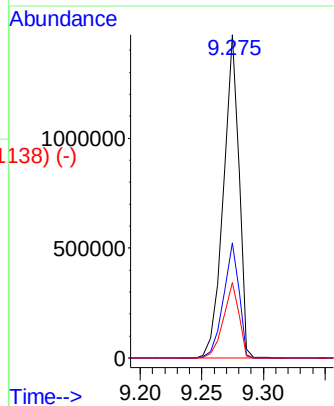
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	172	Resp:	1289190
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.3	19.0	28.6



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

2,6-Dinitrotoluene

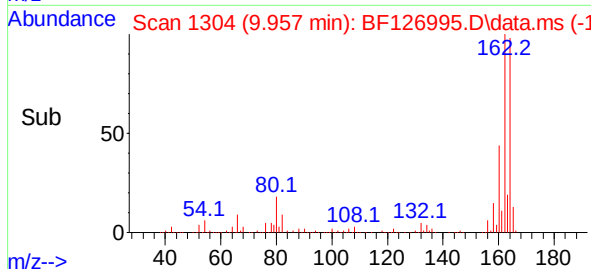
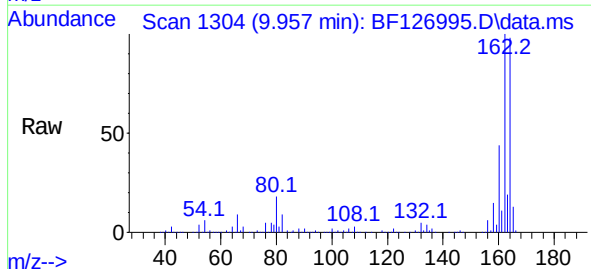
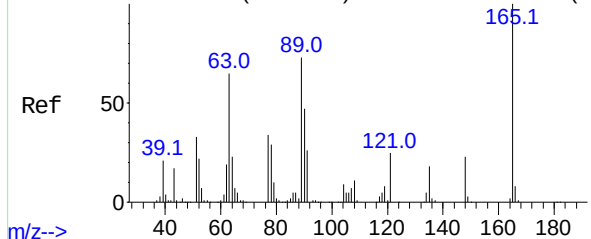
Concen: 9.160 ng

RT: 9.957 min Scan# 1304

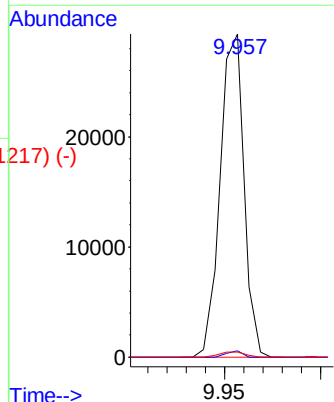
Delta R.T. 0.212 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28



Tgt Ion:	165	Resp:	25361
Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.4	72.6#
89	1.5	50.5	75.7#



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

2,4-Dinitrotoluene

Concen: 6.775 ng

RT: 9.957 min Scan# 1339

Delta R.T. -0.194 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :

m/z-->

Abundance Scan 1304 (9.957 min): BF126995.D\data.ms

Raw

m/z-->

Abundance Scan 1304 (9.957 min): BF126995.D\data.ms (-1286) (-)

Sub

m/z-->

Tgt Ion:165 Resp: 25361

Ion Ratio Lower Upper

165 100

63 2.0 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

Abundance

9.957

20000

10000

0

Time-->

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

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

m/z-->

Abundance Scan 1557 (11.445 min): BF126995.D\data.ms

Raw

m/z-->

Abundance Scan 1557 (11.445 min): BF126995.D\data.ms (-1507) (-)

Sub

m/z-->

Tgt Ion:188 Resp: 336903

Ion Ratio Lower Upper

188 100

94 8.8 10.1 15.1#

80 10.4 11.8 17.6#

Abundance

11.445

400000

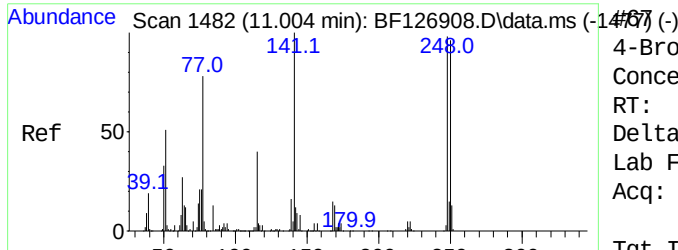
300000

200000

100000

0

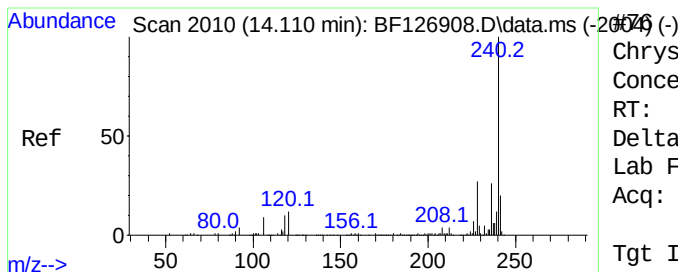
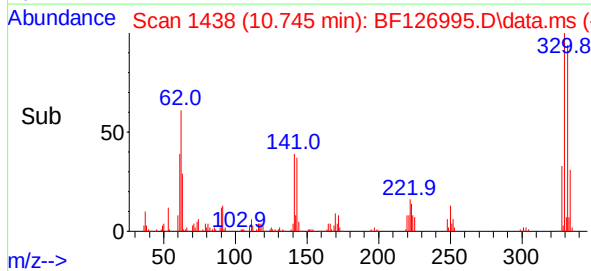
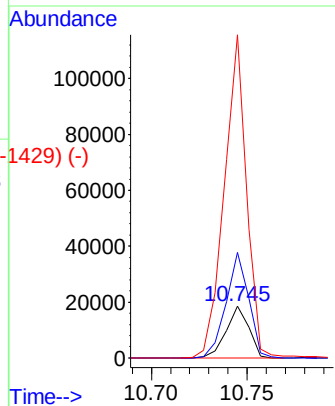
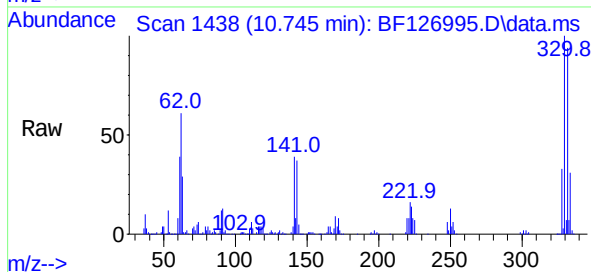
Time-->



4-Bromophenyl-phenylether
 Concen: 4.019 ng
 RT: 10.745 min Scan# 1482
 Delta R.T. -0.247 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

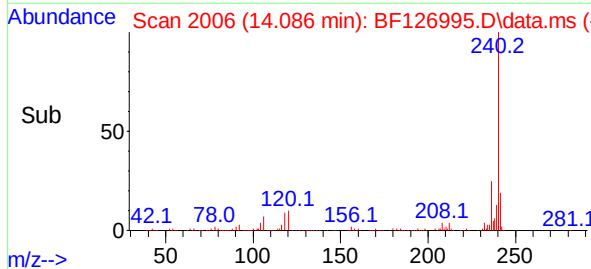
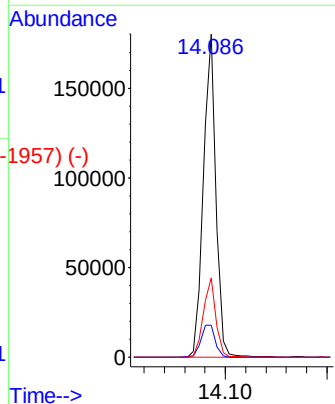
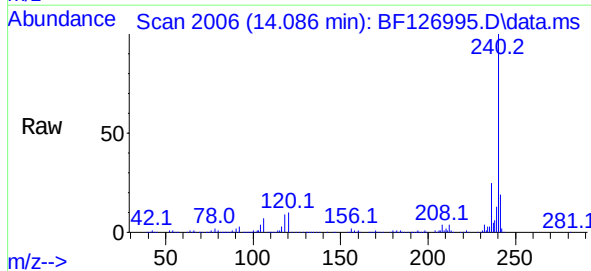
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:248 Resp: 15129
 Ion Ratio Lower Upper
 248 100
 250 202.9 76.2 114.4#
 141 622.1 66.2 99.4#

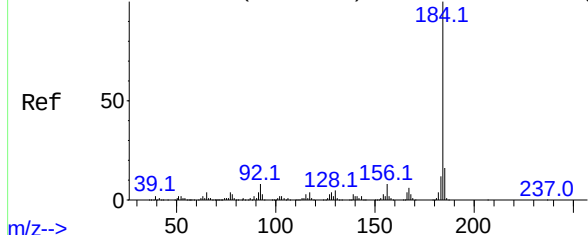


Chrysene-d12
 Concen: 20.000 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.012 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Tgt Ion:240 Resp: 153910
 Ion Ratio Lower Upper
 240 100
 120 9.9 14.4 21.6#
 236 24.5 20.5 30.7



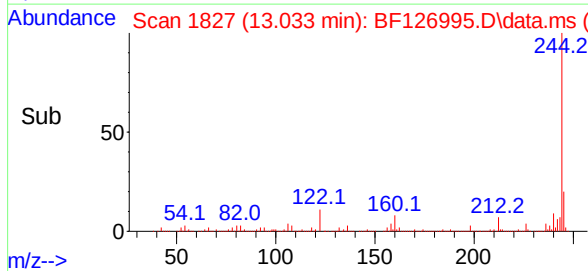
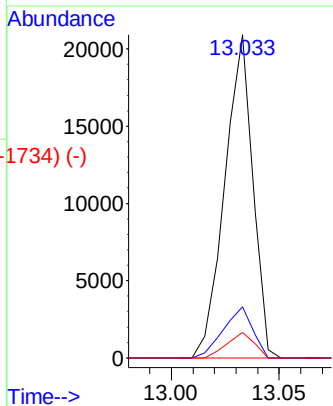
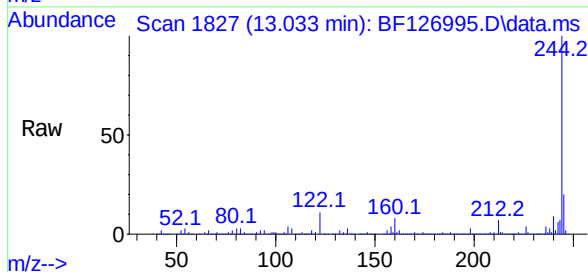
Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1787) (-)



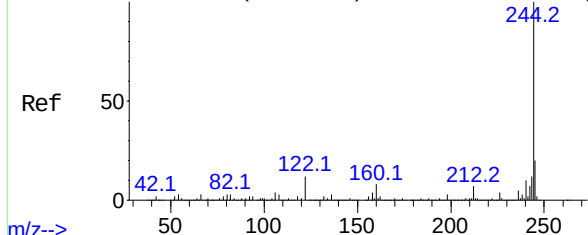
Benzidine
Concen: 4.559 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.247 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	184	Resp:	19069
Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	7.8	8.2	12.2#

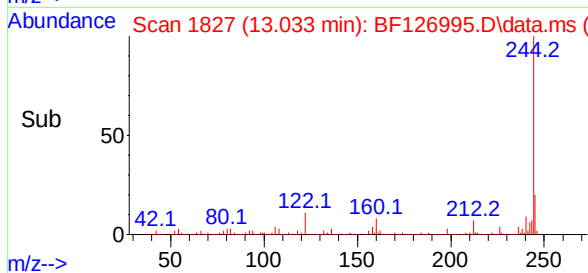
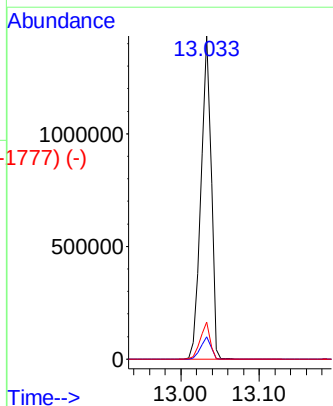
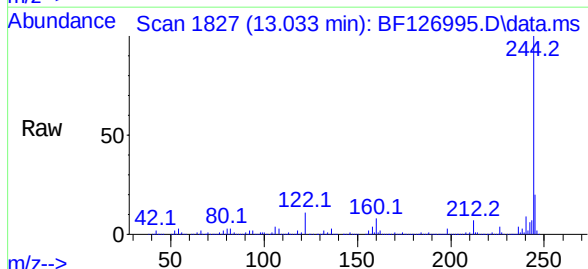


Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1829) (-)

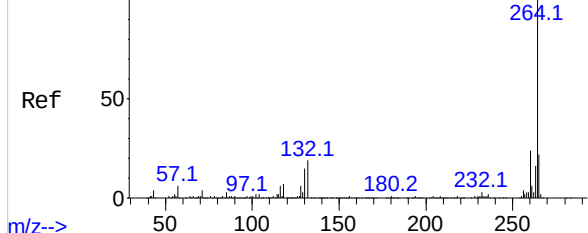


Terphenyl-d14
Concen: 122.831 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Tgt Ion:	244	Resp:	1286010
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.4	13.3	19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 1

Delta R.T. -0.006 min

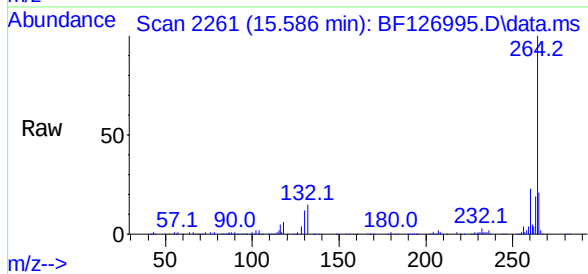
Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :



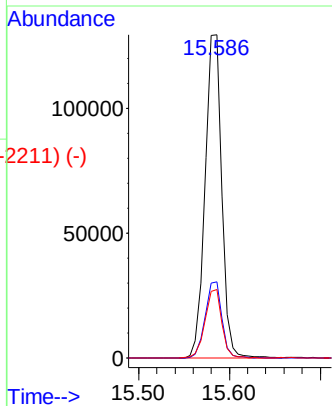
Tgt Ion:264 Resp: 165384

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 17.4 26.2



Abundance Scan 2261 (15.586 min): BF126995.D\data.ms (-2211) (-)

