

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126775.D
 Acq On : 01 Feb 2022 15:44
 Operator : CG/JU
 Sample : N1340-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:58:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

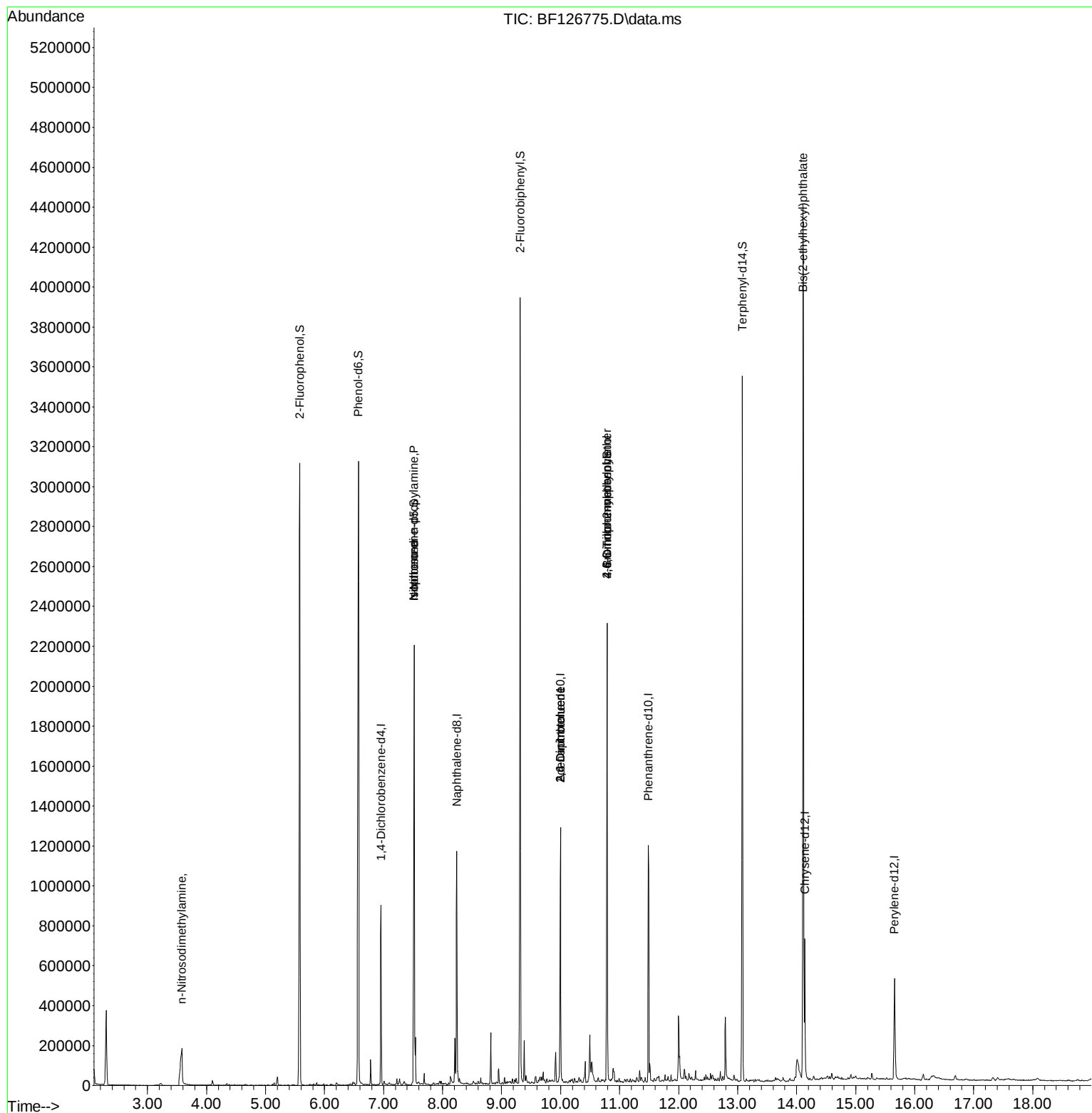
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	115551	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	442857	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	245265	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	406886	20.000	ng	0.00
76) Chrysene-d12	14.139	240	231964	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	236115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	875620	99.716	ng	0.01
7) Phenol-d6	6.575	99	1207738	98.992	ng	0.00
23) Nitrobenzene-d5	7.516	82	883364	78.074	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258125	112.458	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1143392	71.396	ng	0.00
79) Terphenyl-d14	13.080	244	1149714	83.132	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.581	42	9589	2.235	ng	# 1
9) Benzaldehyde	6.510	77	1314	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.516	70	124052	13.932	ng	# 68
25) Isophorone	7.516	82	877804	40.005	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	34584	11.505	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	34584	9.494	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	454	7.569	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16244	3.464	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.110	149	1164403	105.499	ng	# 100

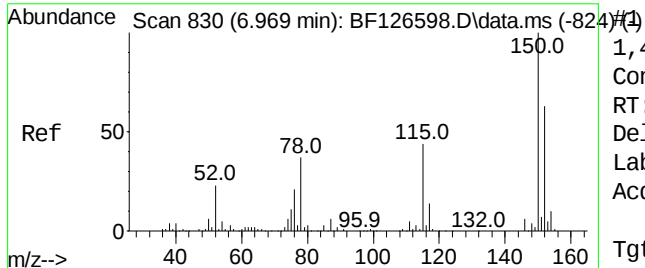
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.957 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :

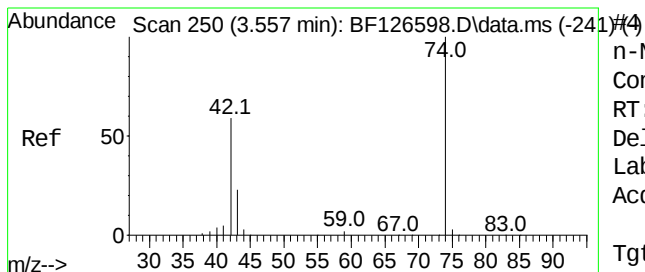
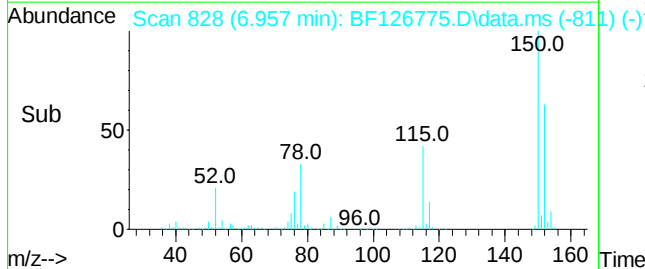
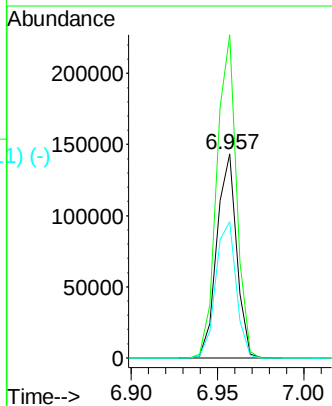
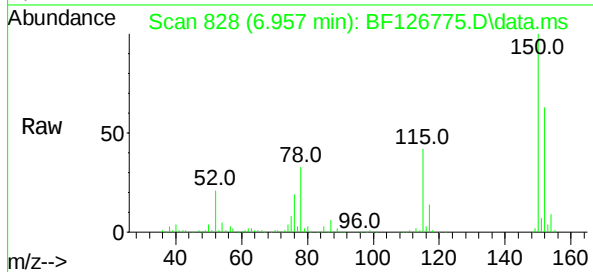
Tgt Ion:152 Resp: 115551

Ion Ratio Lower Upper

152 100

150 158.3 128.1 192.1

115 66.9 56.7 85.1



n-Nitrosodimethylamine

Concen: 2.235 ng

RT: 3.581 min Scan# 254

Delta R.T. 0.041 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

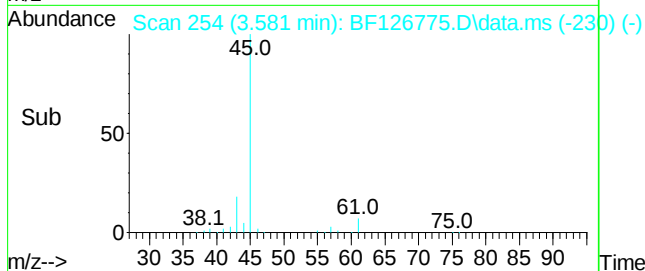
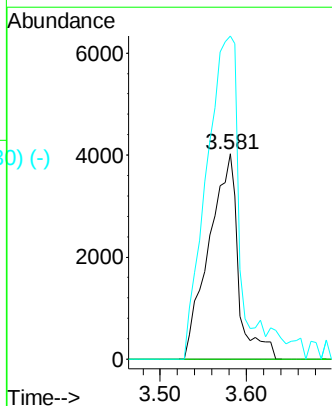
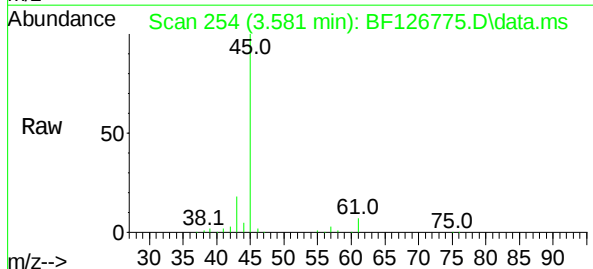
Tgt Ion: 42 Resp: 9589

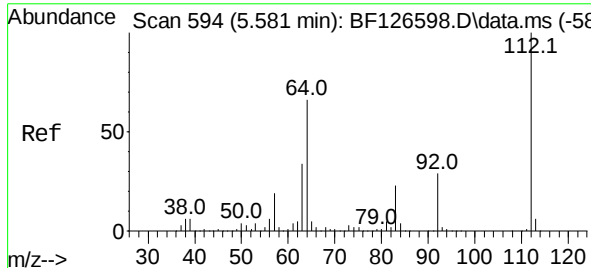
Ion Ratio Lower Upper

42 100

74 0.0 125.6 188.4#

44 157.2 5.7 8.5#





2-Fluorophenol

Concen: 99.716 ng

RT: 5.581 min Scan# 5

Delta R.T. 0.012 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :

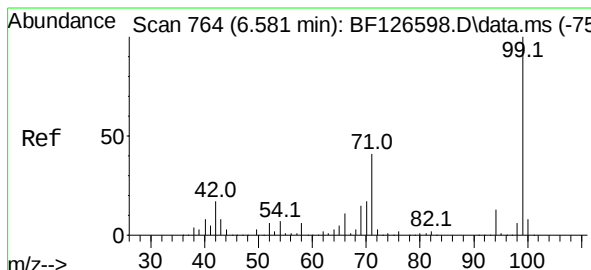
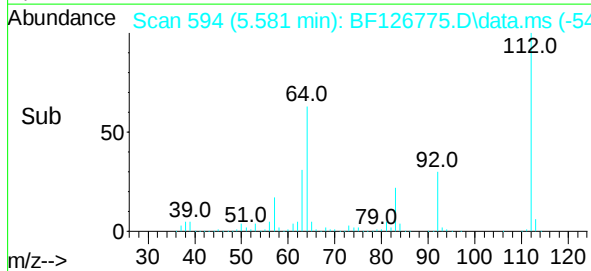
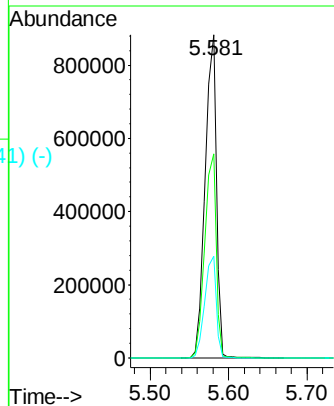
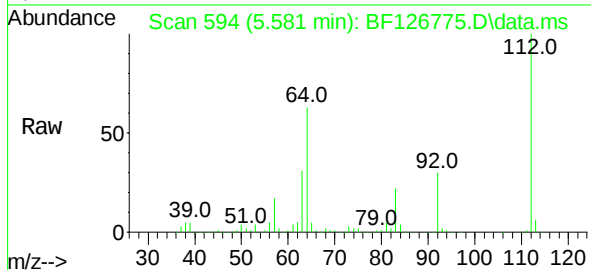
Tgt Ion:112 Resp: 875620

Ion Ratio Lower Upper

112 100

64 63.2 49.5 74.3

63 31.5 23.9 35.9



Phenol-d6

Concen: 98.992 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

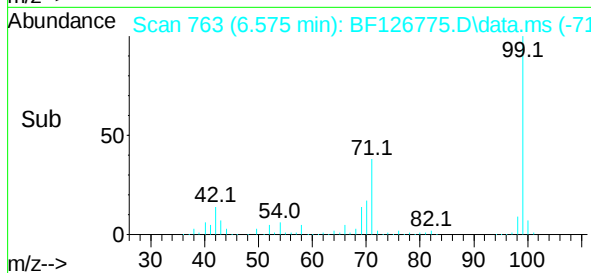
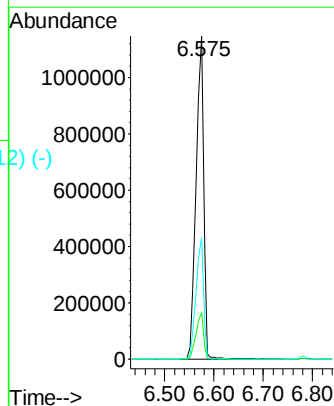
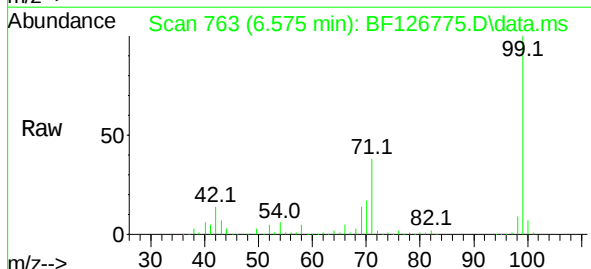
Tgt Ion: 99 Resp: 1207738

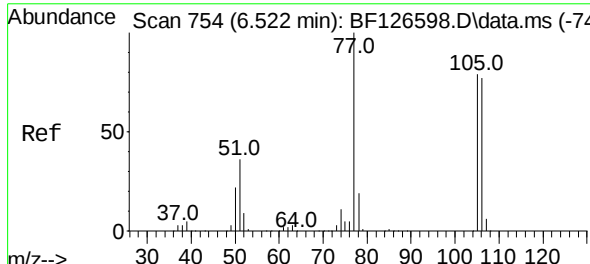
Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.4

71 37.5 24.3 36.5#





Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan#

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :

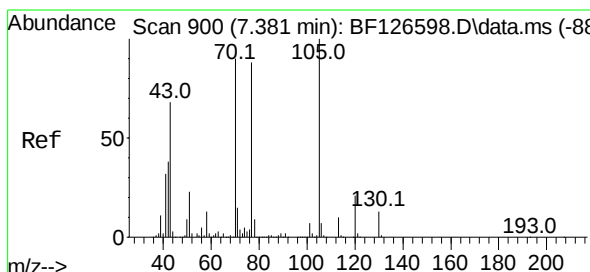
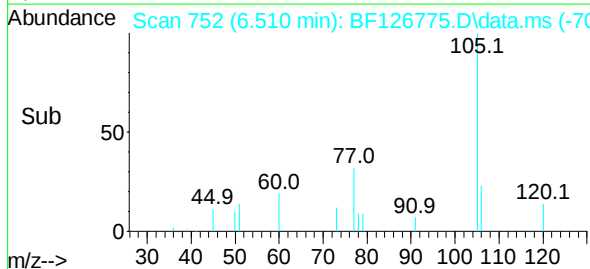
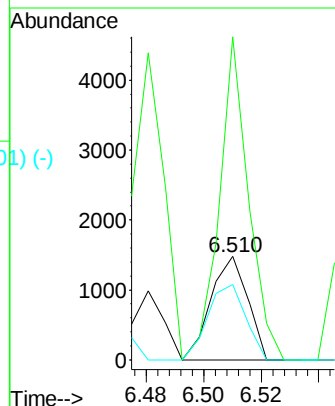
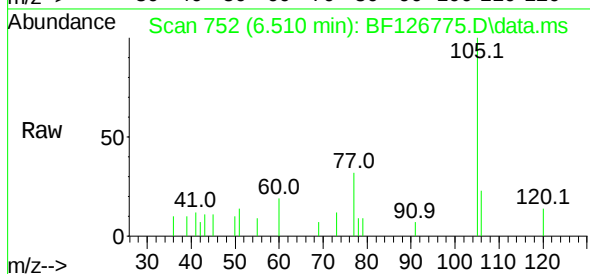
Tgt Ion: 77 Resp: 1314

Ion Ratio Lower Upper

77 100

105 312.6 74.9 114.9#

106 72.7 72.4 112.4



n-Nitroso-di-n-propylamine

Concen: 13.932 ng

RT: 7.516 min Scan# 923

Delta R.T. 0.147 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Tgt Ion: 70 Resp: 124052

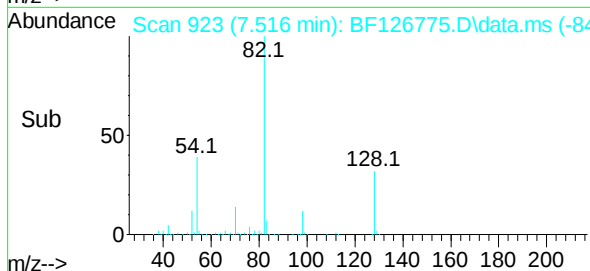
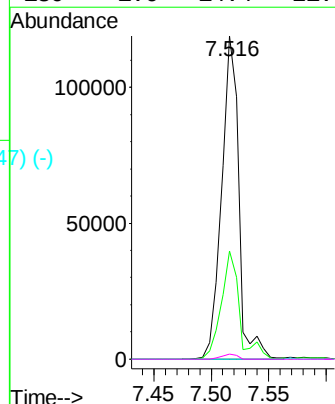
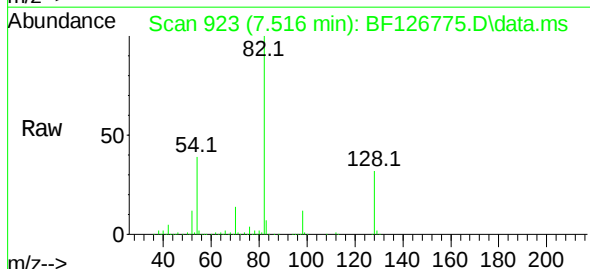
Ion Ratio Lower Upper

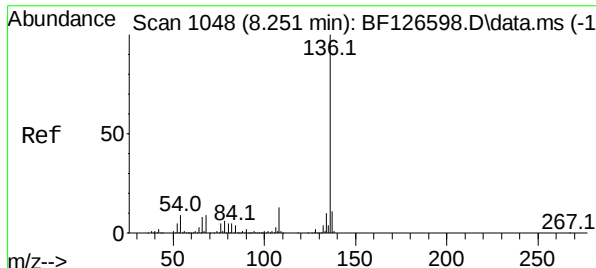
70 100

42 33.5 45.8 68.8#

101 0.0 6.9 10.3#

130 1.6 14.4 21.6#





Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1

Delta R.T. 0.000 min

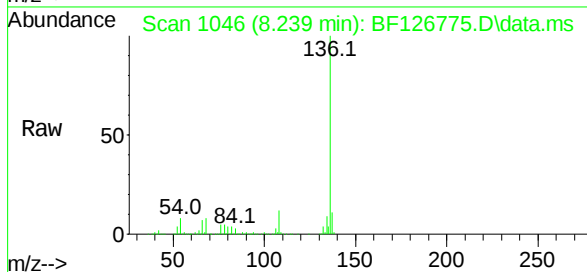
Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 442857

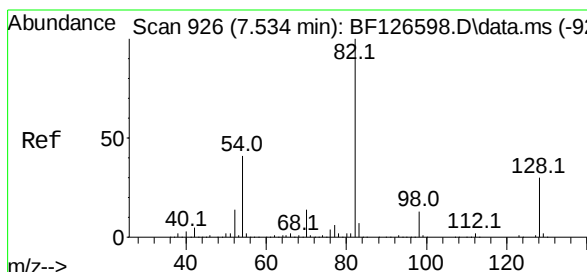
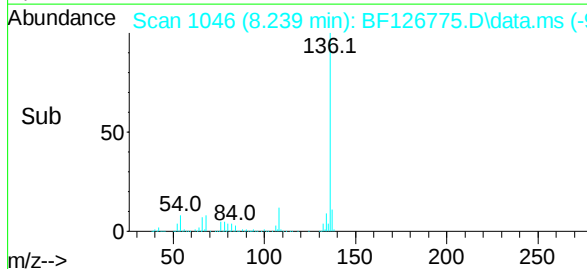
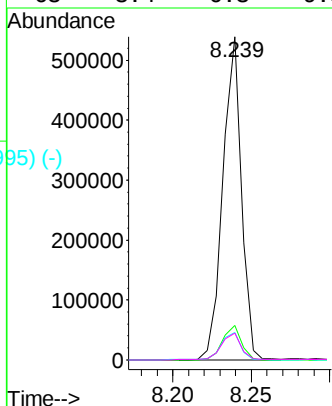
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.5 7.8 11.6

68 8.4 6.3 9.5



Nitrobenzene-d5

Concen: 78.074 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.006 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

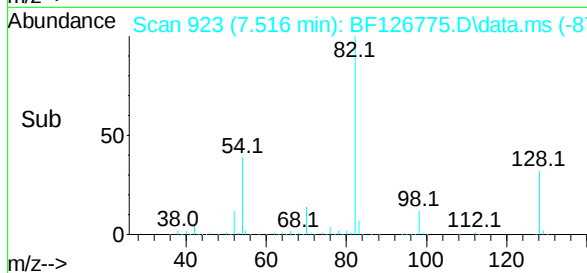
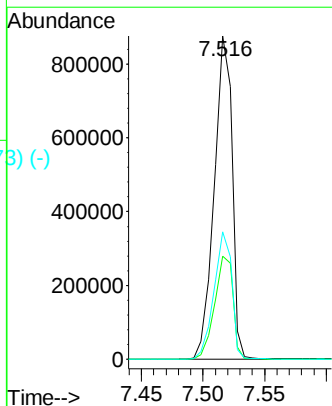
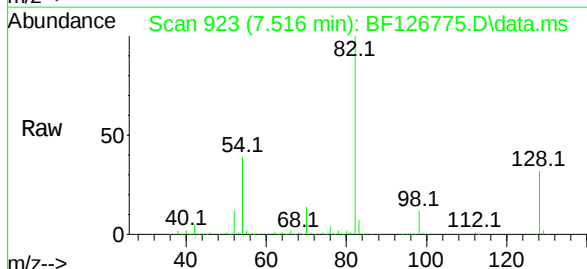
Tgt Ion: 82 Resp: 883364

Ion Ratio Lower Upper

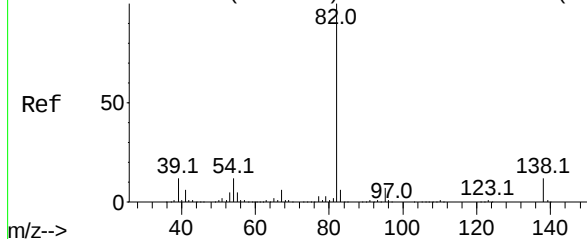
82 100

128 31.8 32.7 49.1#

54 39.3 41.7 62.5#



Abundance Scan 969 (7.787 min): BF126598.D\data.ms (-962) #25



Isophorone

Concen: 40.005 ng

RT: 7.516 min Scan#

Delta R.T. -0.265 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :

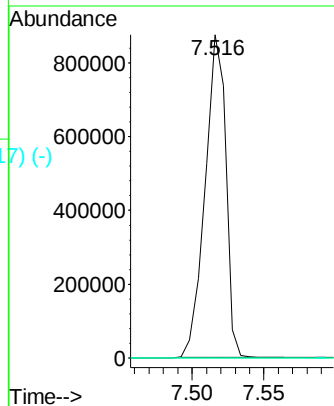
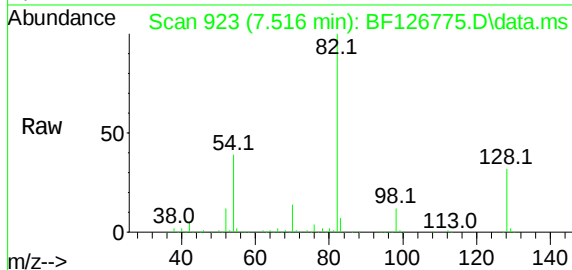
Tgt Ion: 82 Resp: 877804

Ion Ratio Lower Upper

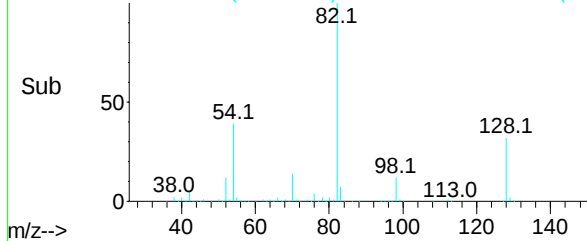
82 100

95 0.0 5.0 7.4#

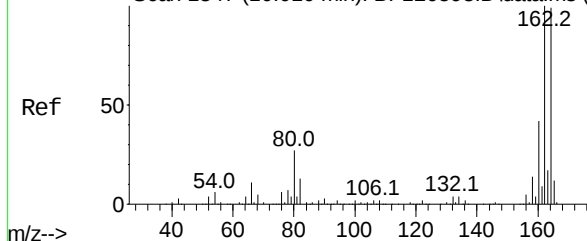
138 0.0 12.3 18.5#



Abundance Scan 923 (7.516 min): BF126775.D\data.ms (-917) (-)



Abundance Scan 1347 (10.010 min): BF126598.D\data.ms (-1349) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

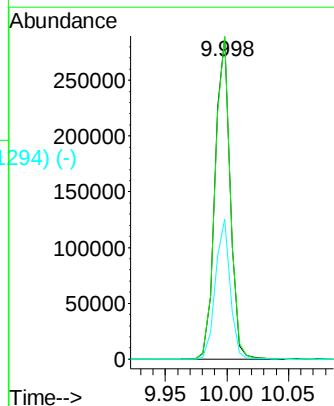
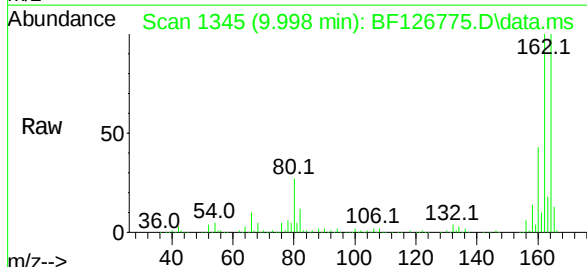
Tgt Ion:164 Resp: 245265

Ion Ratio Lower Upper

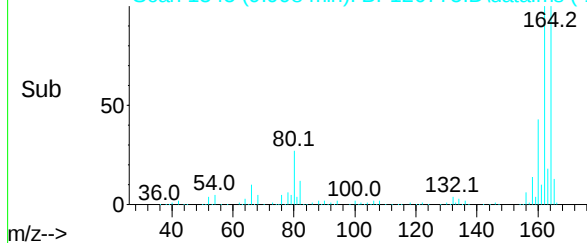
164 100

162 100.5 81.4 122.0

160 43.6 36.6 54.8



Abundance Scan 1345 (9.998 min): BF126775.D\data.ms (-1294) (-)



Abundance Scan 1481 (10.798 min): BF126598.D\data.ms (-1476) (-)

2,4,6-Tribromophenol

Concen: 112.458 ng

RT: 10.786 min Scan#

Delta R.T. -0.006 min

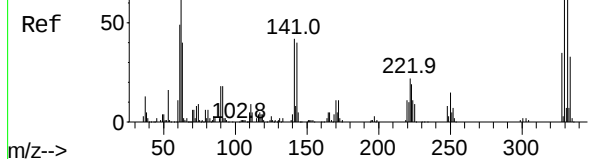
Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

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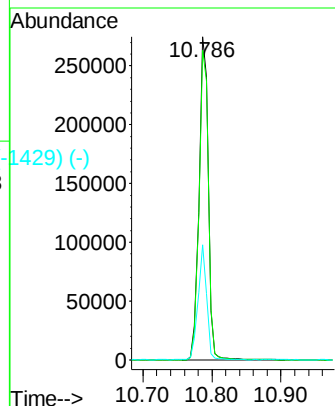
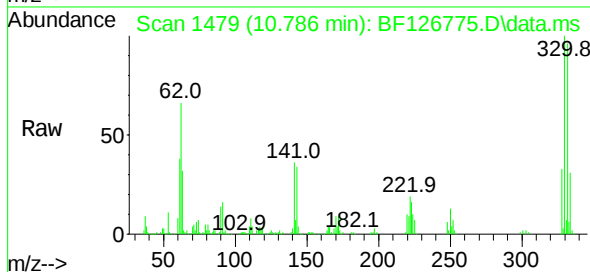
Tgt Ion:330 Resp: 258125

Ion Ratio Lower Upper

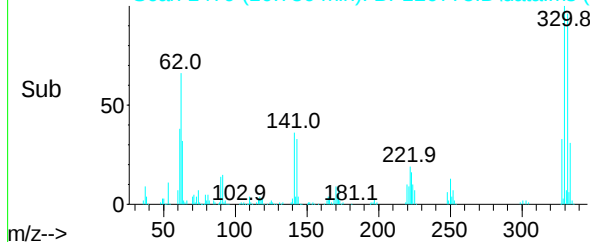
330 100

332 97.0 76.0 114.0

141 33.5 30.1 45.1



Abundance Scan 1479 (10.786 min): BF126775.D\data.ms (-1429) (-)



Abundance Scan 1231 (9.328 min): BF126598.D\data.ms (-1224) (-)

2-Fluorobiphenyl

Concen: 71.396 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

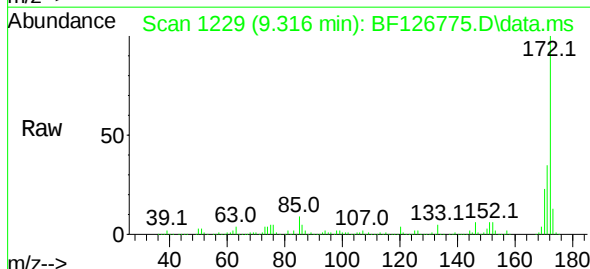
Tgt Ion:172 Resp: 1143392

Ion Ratio Lower Upper

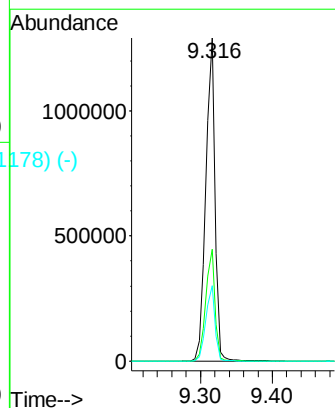
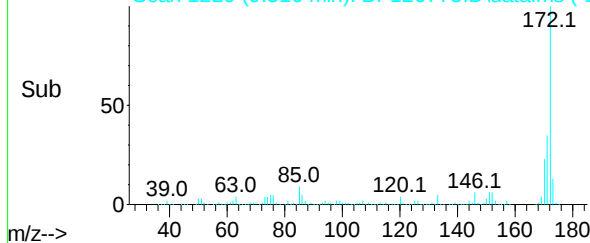
172 100

171 34.6 28.3 42.5

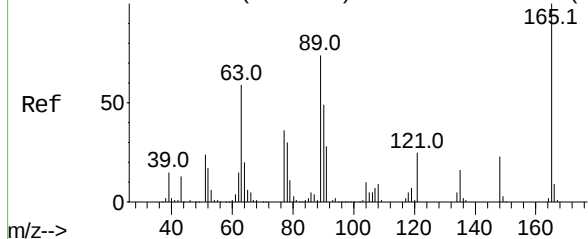
170 23.4 19.0 28.6



Abundance Scan 1229 (9.316 min): BF126775.D\data.ms (-1178) (-)



Abundance Scan 1310 (9.792 min): BF126598.D\data.ms (-13051)



2,6-Dinitrotoluene

Concen: 11.505 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

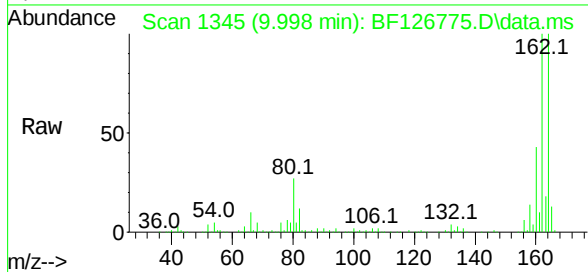
Lab File: BF126775.D

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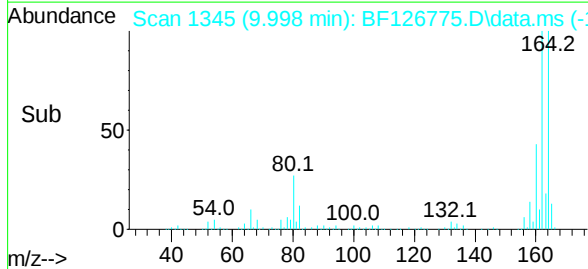
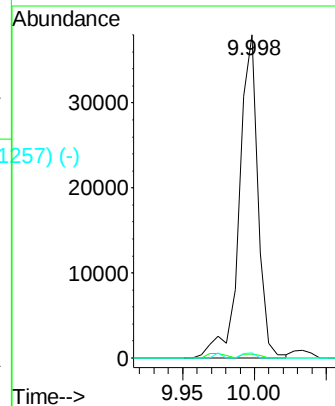
Tgt Ion:165 Resp: 34584

Ion Ratio Lower Upper

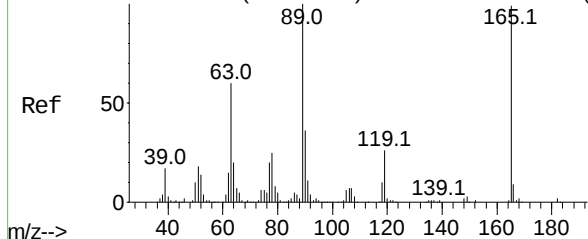
165 100

63 1.2 48.4 72.6#

89 1.5 50.5 75.7#



Abundance Scan 1378 (10.192 min): BF126598.D\data.ms (-1351) (-)



2,4-Dinitrotoluene

Concen: 9.494 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Tgt Ion:165 Resp: 34584

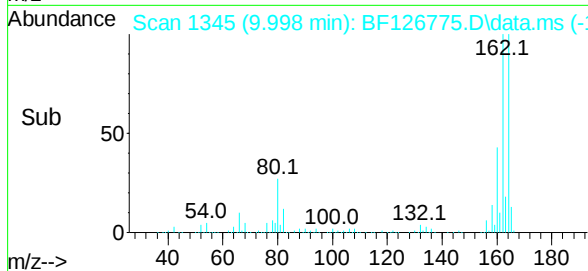
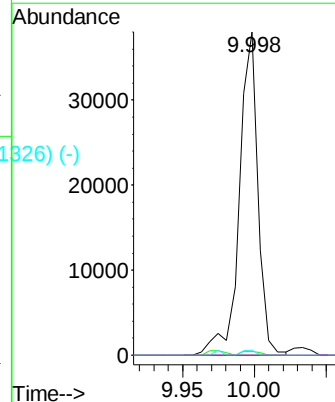
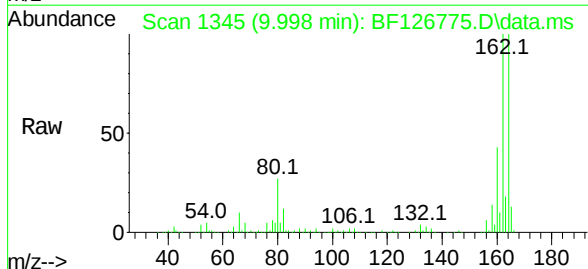
Ion Ratio Lower Upper

165 100

63 1.2 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#



Abundance Scan 1600 (11.498 min): BF126598.D\data.ms (-1554) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan#

Delta R.T. -0.006 min

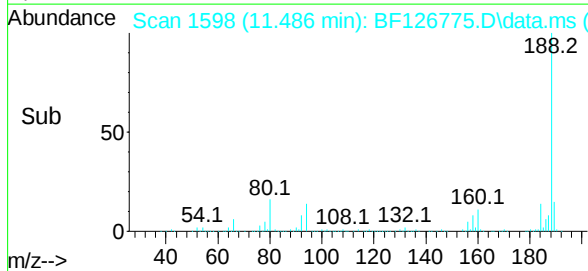
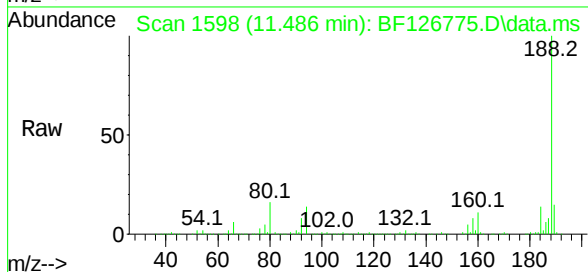
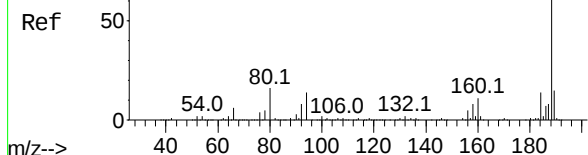
Lab File: BF126775.D

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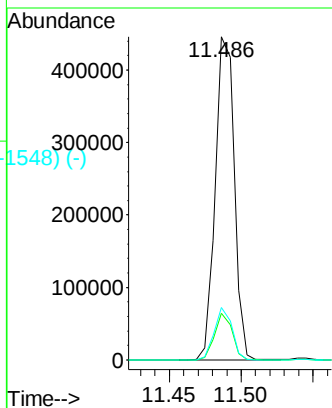
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	188	Resp:	406886
Ion Ratio	Lower	Upper	
188	100		
94	14.4	10.1	15.1
80	16.2	11.8	17.6



Abundance Scan 1447 (10.598 min): BF126598.D\data.ms (-1405) (-)

4,6-Dinitro-2-methylphenol

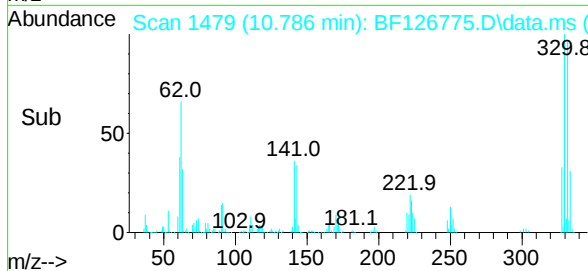
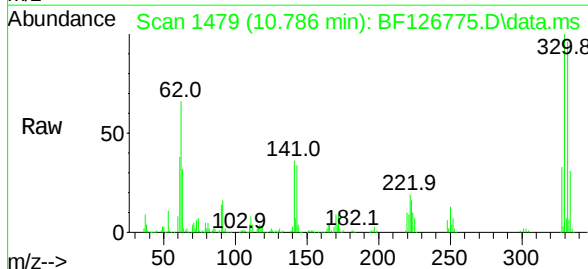
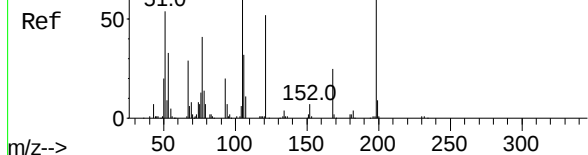
Concen: 7.569 ng

RT: 10.786 min Scan# 1479

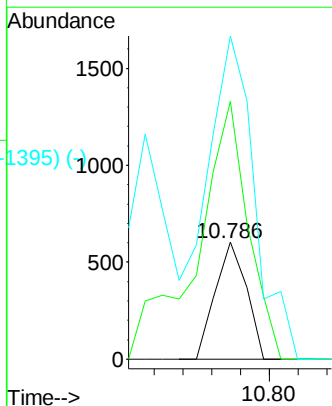
Delta R.T. 0.194 min

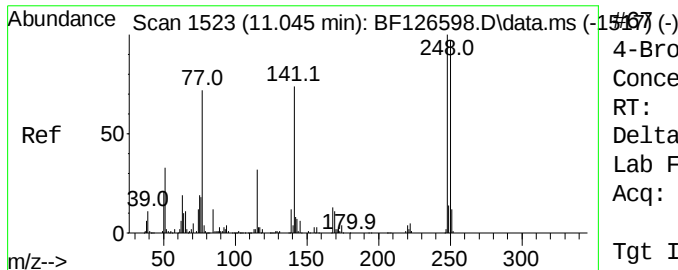
Lab File: BF126775.D

Acq: 01 Feb 2022 15:44



Tgt Ion:	198	Resp:	454
Ion Ratio	Lower	Upper	
198	100		
51	220.7	32.0	72.0#
105	276.5	32.7	72.7#

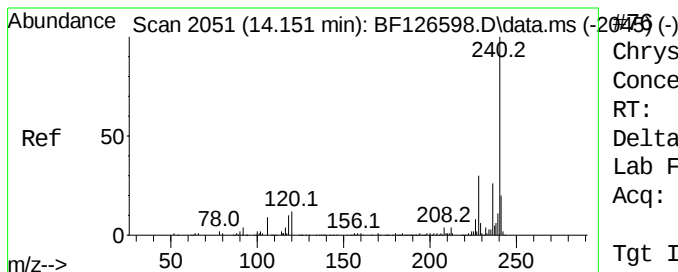
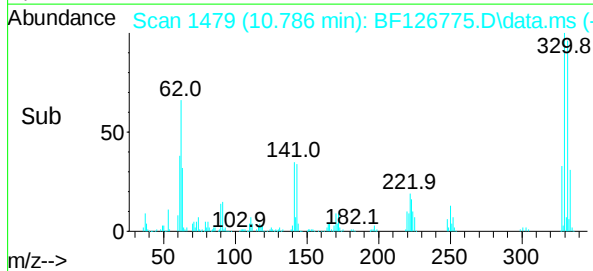
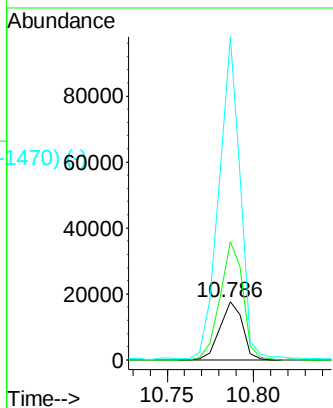
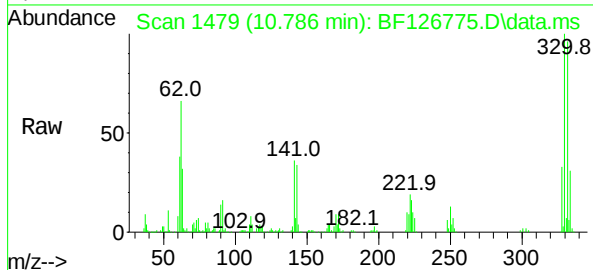




4-Bromophenyl-phenylether
Concen: 3.464 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126775.D
Acq: 01 Feb 2022 15:44

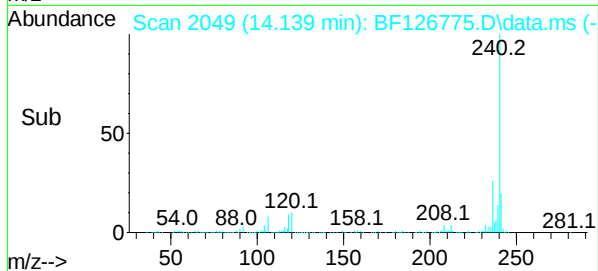
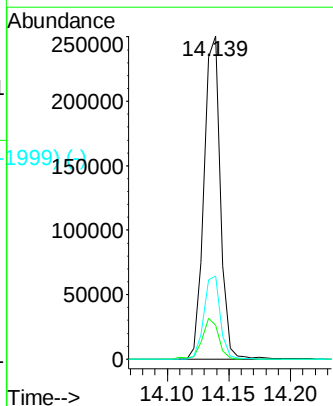
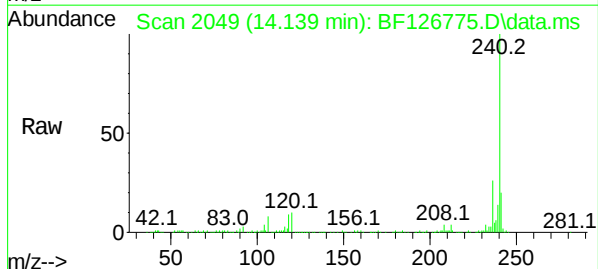
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16244
Ion Ratio Lower Upper
248 100
250 204.5 76.2 114.4#
141 557.5 66.2 99.4#



Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126775.D
Acq: 01 Feb 2022 15:44

Tgt Ion:240 Resp: 231964
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.7 20.5 30.7



Abundance Scan 1871 (13.092 min): BF126598.D\data.ms (-1871) (-)

Terphenyl-d14

Concen: 83.132 ng

RT: 13.080 min Scan# 1869

Delta R.T. 0.000 min

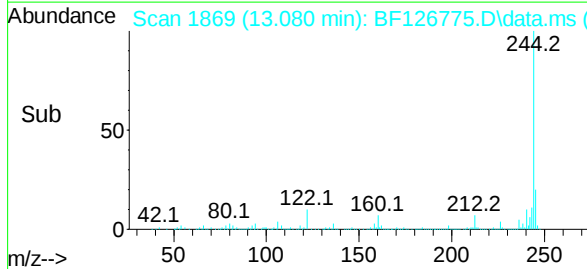
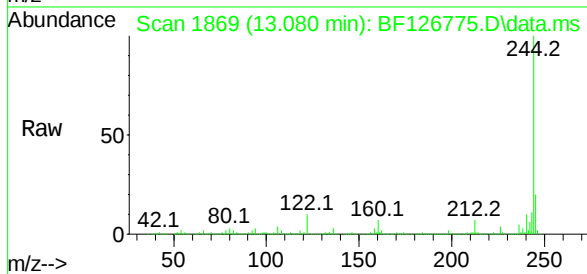
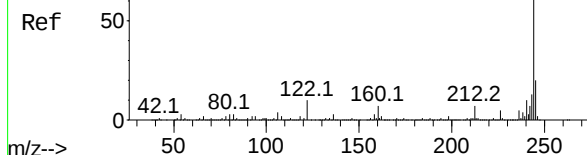
Lab File: BF126775.D

Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :



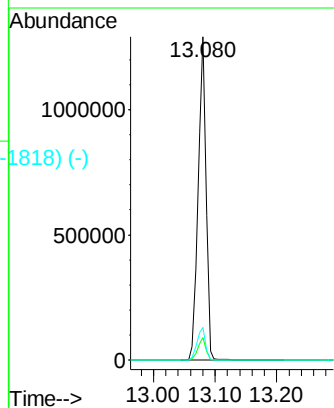
Tgt Ion:244 Resp: 1149714

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 10.1 13.3 19.9#



Abundance Scan 2046 (14.121 min): BF126598.D\data.ms (-2046) (-)

Bis(2-ethylhexyl)phthalate

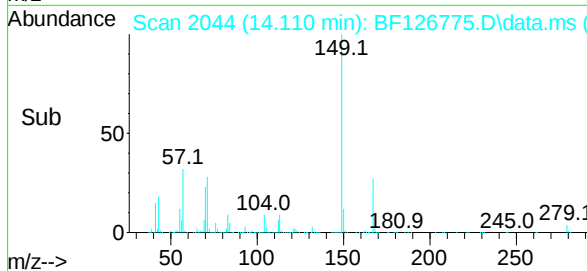
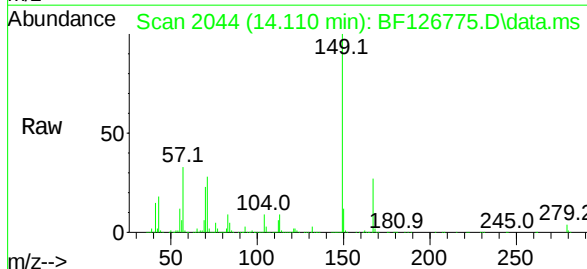
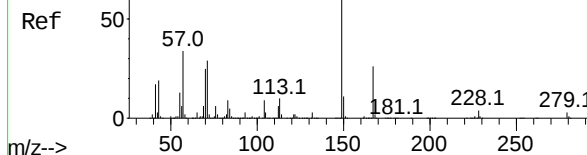
Concen: 105.499 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF126775.D

Acq: 01 Feb 2022 15:44



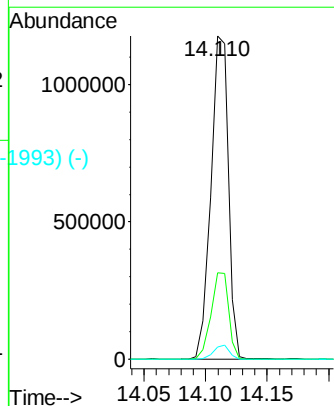
Tgt Ion:149 Resp: 1164403

Ion Ratio Lower Upper

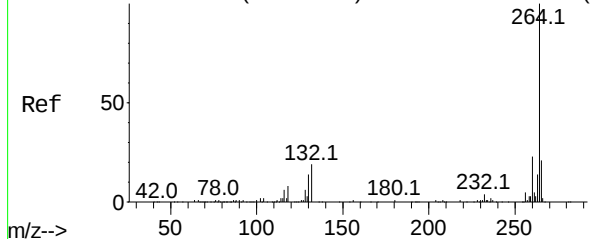
149 100

167 26.8 21.4 32.2

279 3.7 2.4 3.6#



Abundance Scan 2310 (15.674 min): BF126598.D\data.ms (-2306) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126775.D

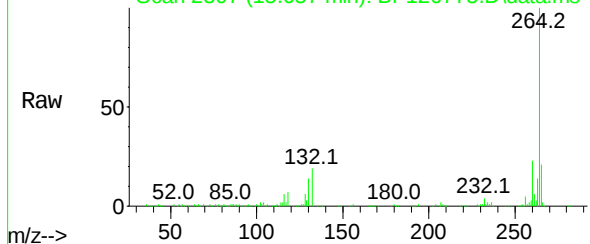
Acq: 01 Feb 2022 15:44

Instrument :

BNA_F

ClientSampleId :

Abundance Scan 2307 (15.657 min): BF126775.D\data.ms



Tgt Ion:264 Resp: 236115

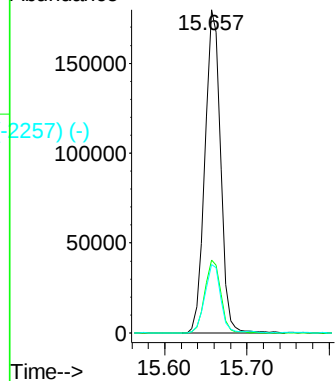
Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.1 17.4 26.2

Abundance



Abundance Scan 2307 (15.657 min): BF126775.D\data.ms (-2257) (-)

