

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126769.D
 Acq On : 01 Feb 2022 12:18
 Operator : CG/JU
 Sample : PB142368TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:56:22 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)

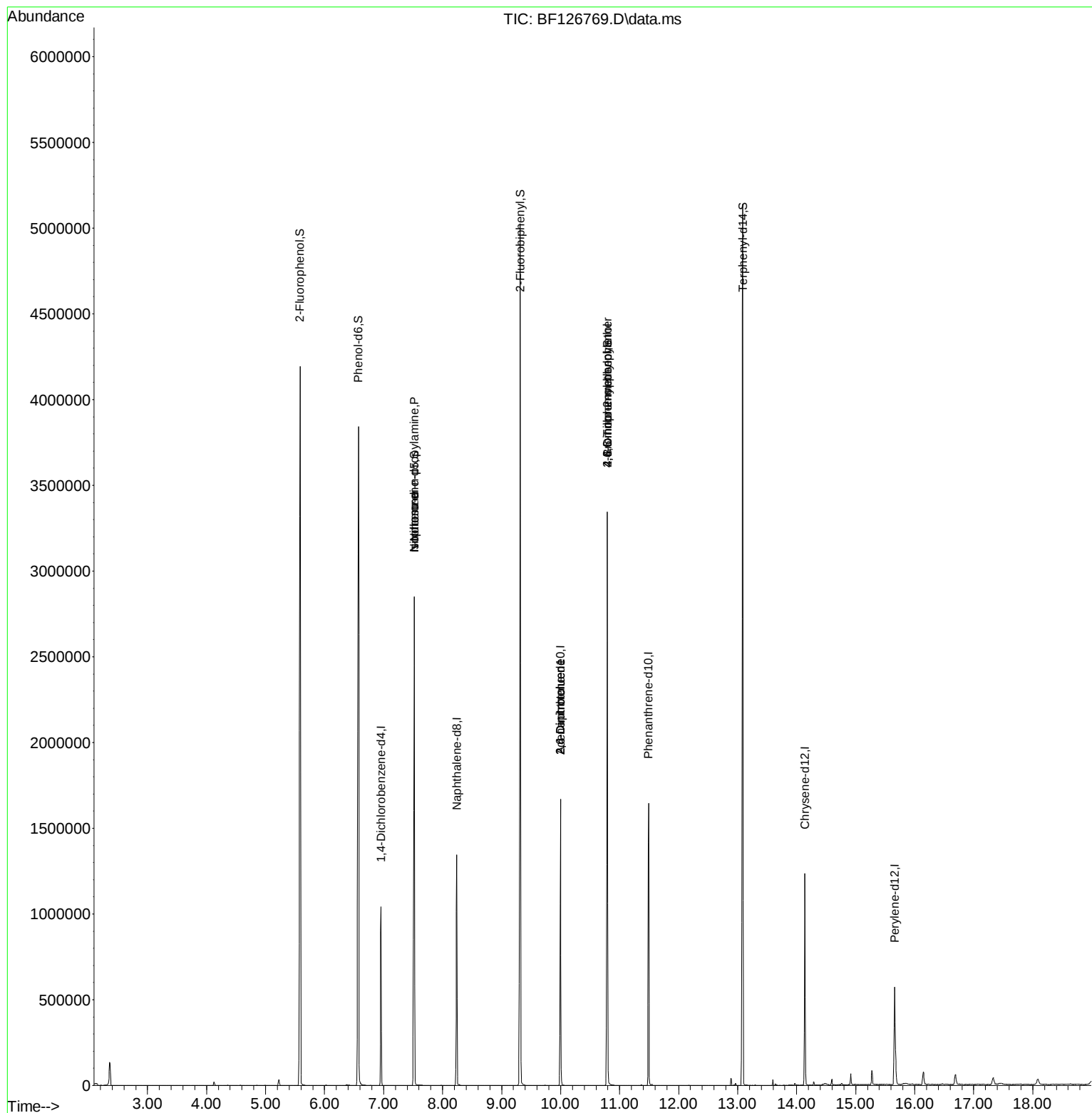
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	141212	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	568599	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	318371	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	565017	20.000	ng	0.00
76) Chrysene-d12	14.139	240	415589	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	273676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1239210	115.477	ng	0.02
7) Phenol-d6	6.575	99	1714465	114.989	ng	0.00
23) Nitrobenzene-d5	7.522	82	1213452	83.531	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	400284	134.348	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1587776	76.379	ng	0.00
79) Terphenyl-d14	13.086	244	1888603	76.222	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3061	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	162010	14.888	ng	# 68
25) Isophorone	7.522	82	1202073	42.668	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	39723	10.180	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	39723	8.401	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	865	7.643	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	24444	3.754	ng	# 1

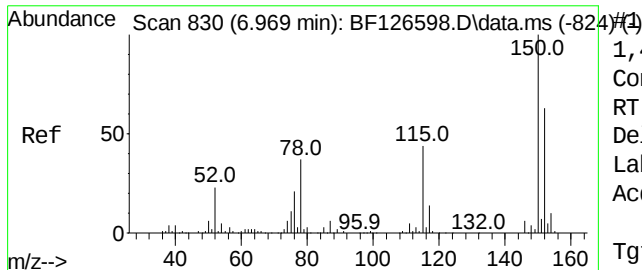
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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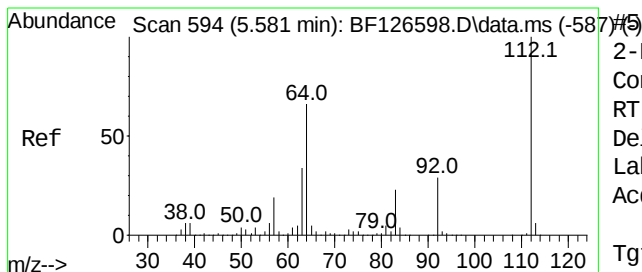
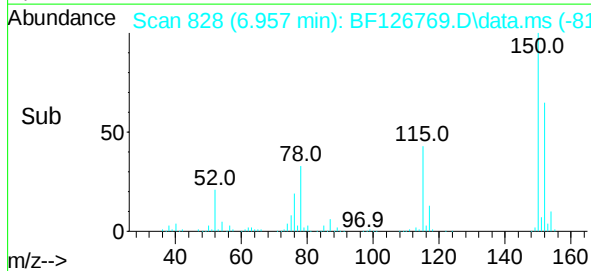
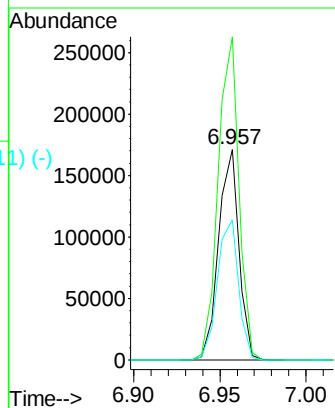
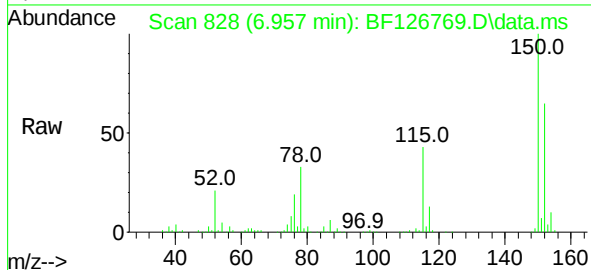




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF126769.D
 Acq: 01 Feb 2022 12:18

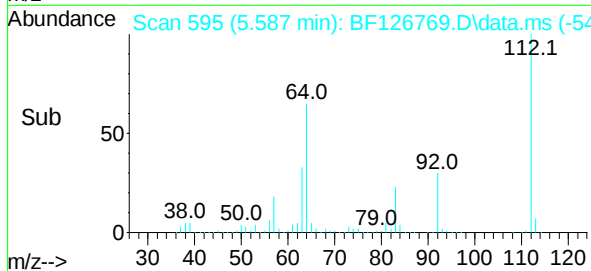
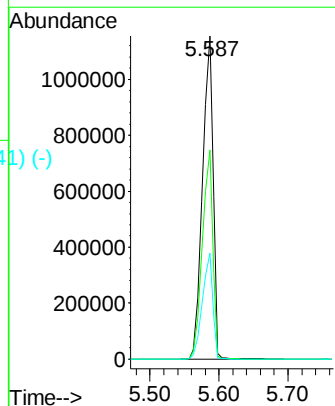
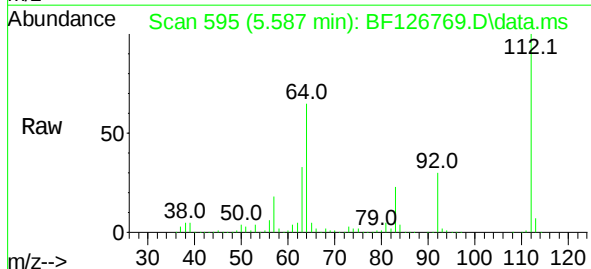
Instrument :
 BNA_F
 ClientSampleId :

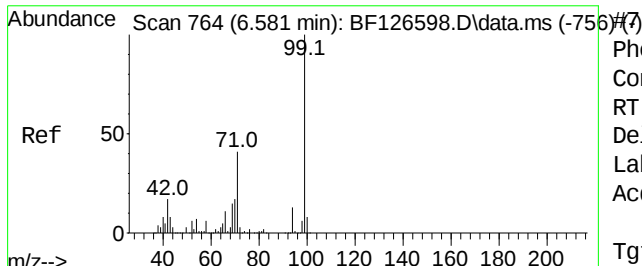
Tgt Ion:152 Resp: 141212
 Ion Ratio Lower Upper
 152 100
 150 153.4 128.1 192.1
 115 66.6 56.7 85.1



2-Fluorophenol
 Concen: 115.477 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF126769.D
 Acq: 01 Feb 2022 12:18

Tgt Ion:112 Resp: 1239210
 Ion Ratio Lower Upper
 112 100
 64 64.7 49.5 74.3
 63 32.9 23.9 35.9

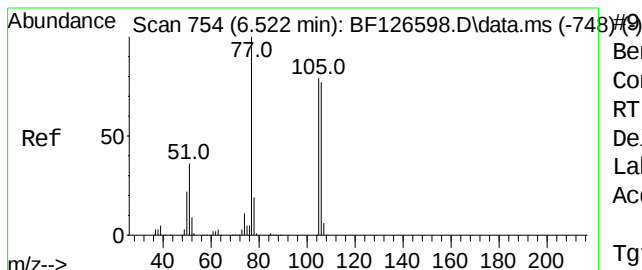
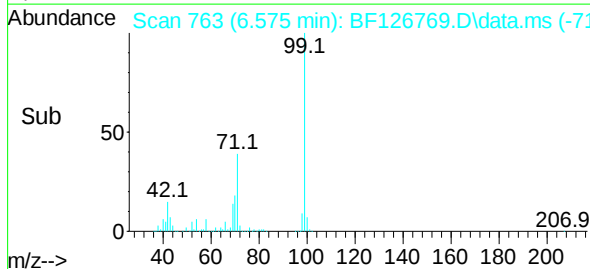
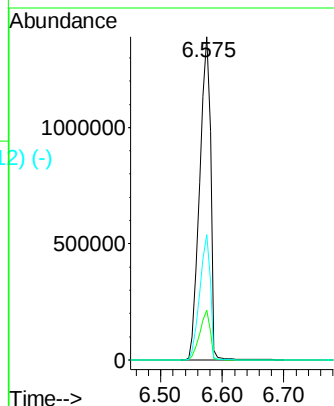
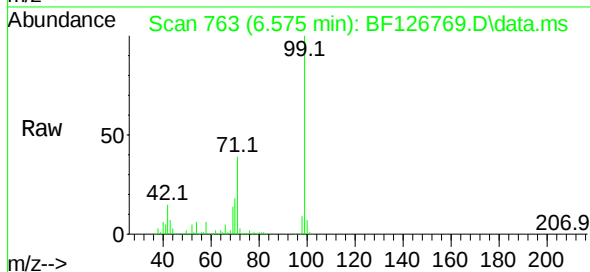




Phenol-d6
Concen: 114.989 ng
RT: 6.575 min Scan#
Delta R.T. -0.000 min
Lab File: BF126769.D
Acq: 01 Feb 2022 12:18

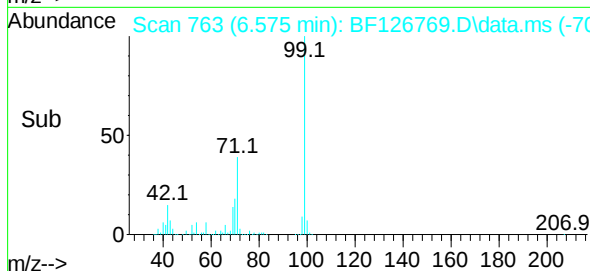
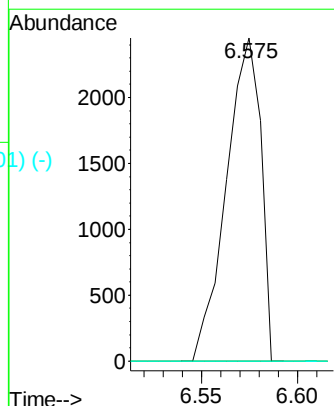
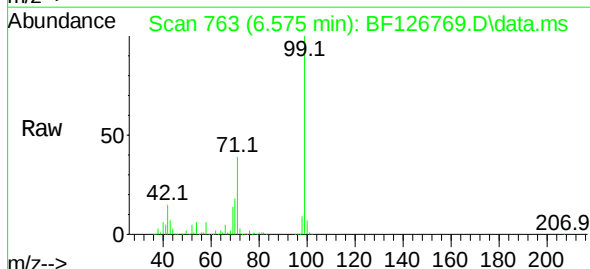
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1714465
Ion Ratio Lower Upper
99 100
42 15.4 14.2 21.4
71 38.8 24.3 36.5#

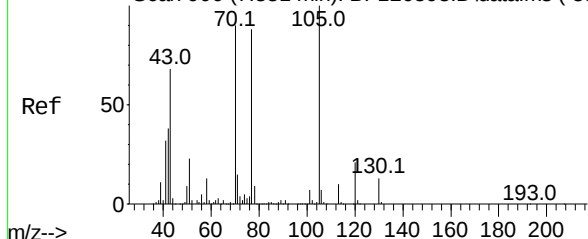


Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 763
Delta R.T. 0.065 min
Lab File: BF126769.D
Acq: 01 Feb 2022 12:18

Tgt Ion: 77 Resp: 3061
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



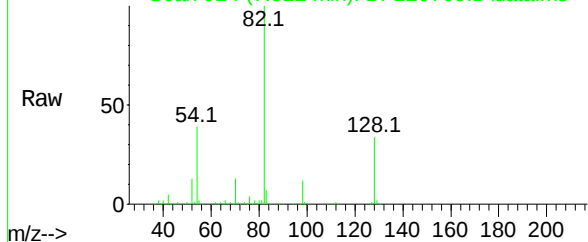
Abundance Scan 900 (7.381 min): BF126598.D\data.ms (-889) (-)



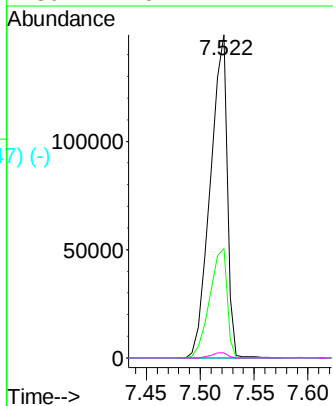
n-Nitroso-di-n-propylamine
Concen: 14.888 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.153 min
Lab File: BF126769.D
Acq: 01 Feb 2022 12:18

Instrument :
BNA_F
ClientSampleId :

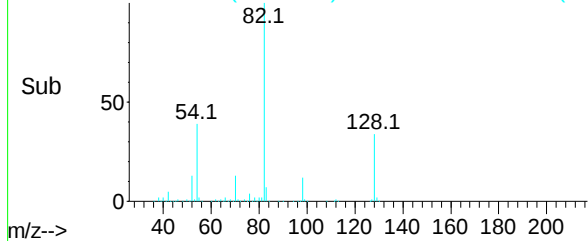
Abundance Scan 924 (7.522 min): BF126769.D\data.ms



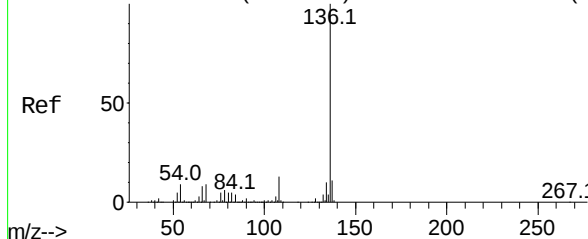
Tgt Ion	Ratio	Lower	Upper
70	100		
42	33.8	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



Abundance Scan 924 (7.522 min): BF126769.D\data.ms (-847) (-)



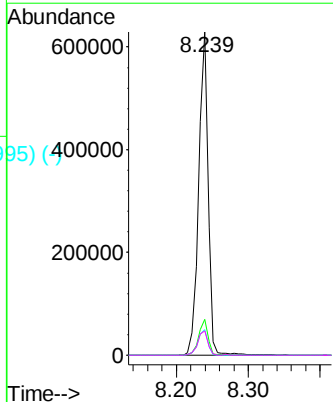
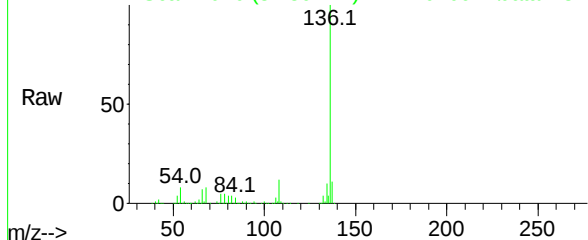
Abundance Scan 1048 (8.251 min): BF126598.D\data.ms (-1042) (-)



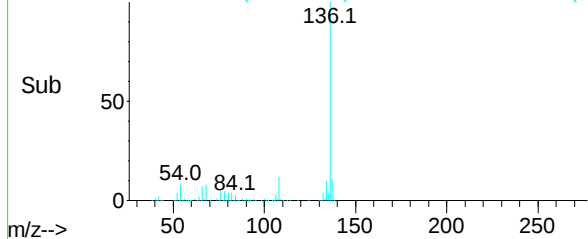
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126769.D
Acq: 01 Feb 2022 12:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.0	7.8	11.6
68	7.6	6.3	9.5

Abundance Scan 1046 (8.239 min): BF126769.D\data.ms



Abundance Scan 1046 (8.239 min): BF126769.D\data.ms (-995) (-)



Abundance Scan 926 (7.534 min): BF126598.D\data.ms (-920) #23

Nitrobenzene-d5

Concen: 83.531 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.000 min

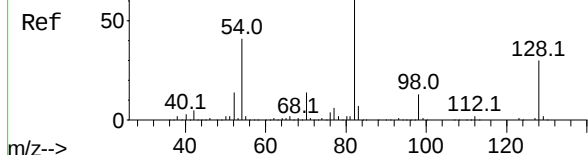
Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

Instrument :

BNA_F

ClientSampleId :



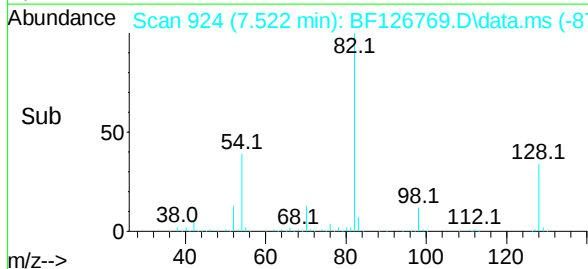
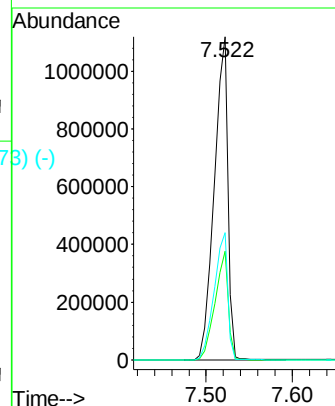
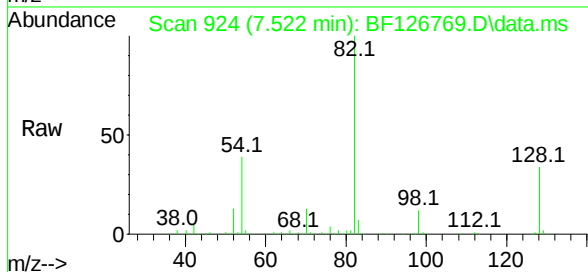
Tgt Ion: 82 Resp: 1213452

Ion Ratio Lower Upper

82 100

128 33.6 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: 42.668 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

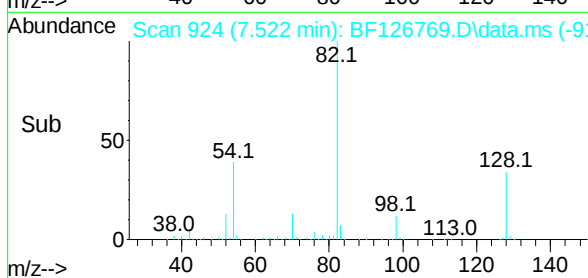
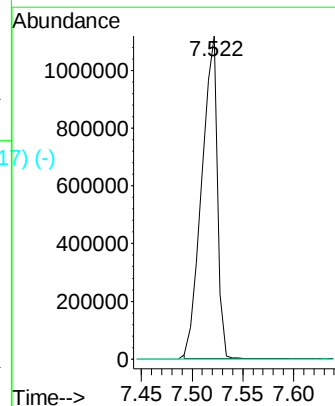
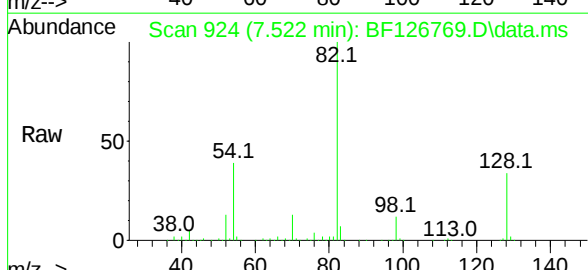
Tgt Ion: 82 Resp: 1202073

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan#

Delta R.T. -0.000 min

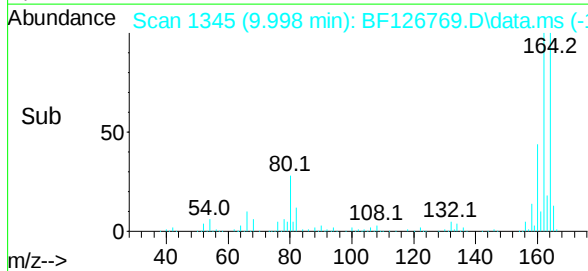
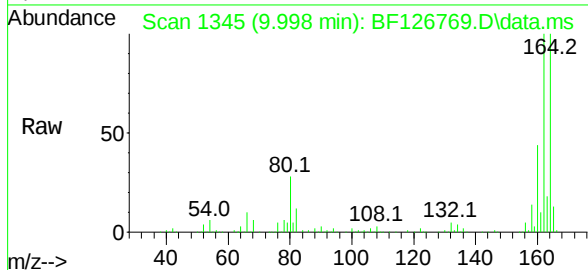
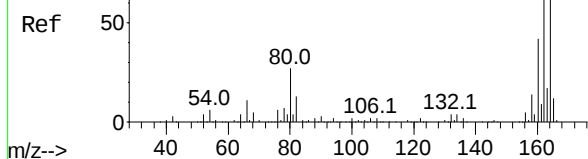
Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

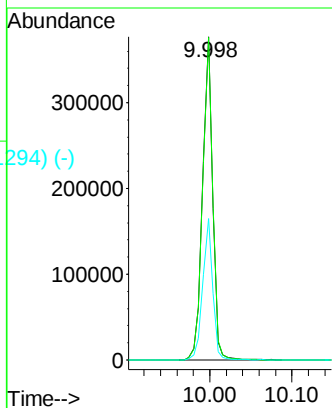
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	164	Resp:	318371
Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	43.7	36.6	54.8



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

2,4,6-Tribromophenol

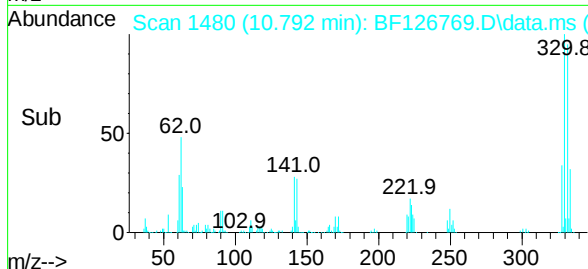
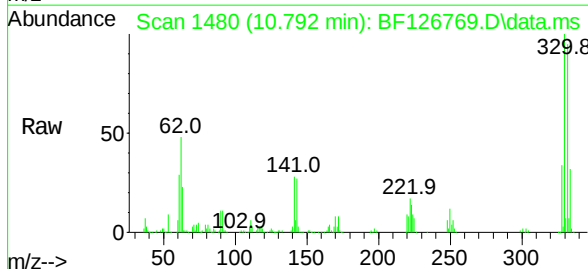
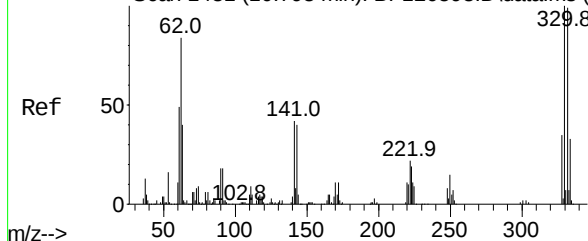
Concen: 134.348 ng

RT: 10.792 min Scan# 1480

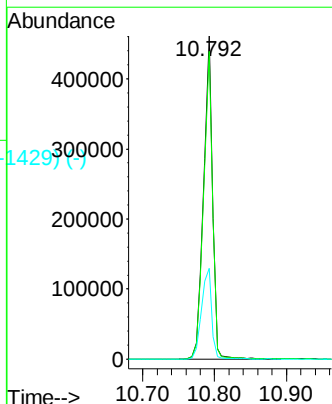
Delta R.T. -0.000 min

Lab File: BF126769.D

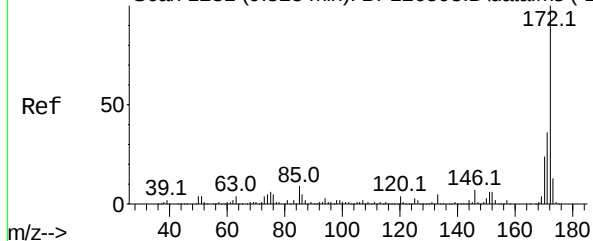
Acq: 01 Feb 2022 12:18



Tgt Ion:	330	Resp:	400284
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	31.5	30.1	45.1



Abundance Scan 1231 (9.328 min): BF126598.D\data.ms (-12745)



2-Fluorobiphenyl

Concen: 76.379 ng

RT: 9.316 min Scan#

Delta R.T. -0.000 min

Lab File: BF126769.D

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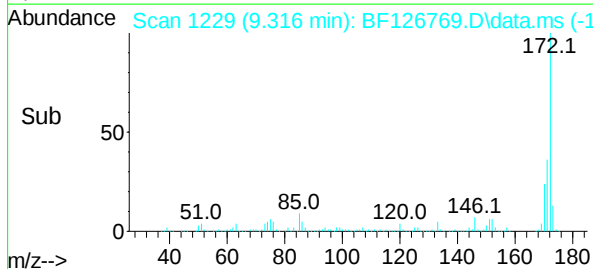
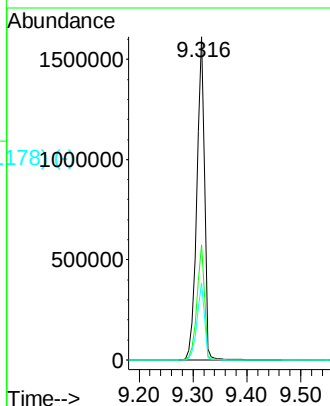
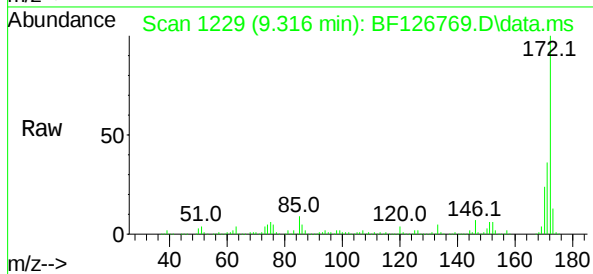
Tgt Ion:172 Resp: 1587776

Ion Ratio Lower Upper

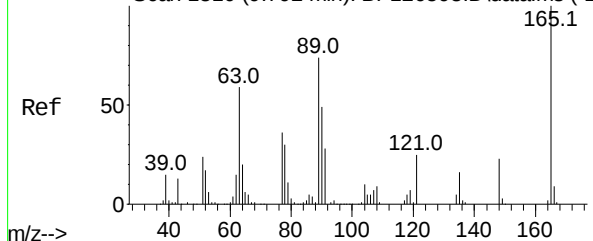
172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.6



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



2,6-Dinitrotoluene

Concen: 10.180 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126769.D

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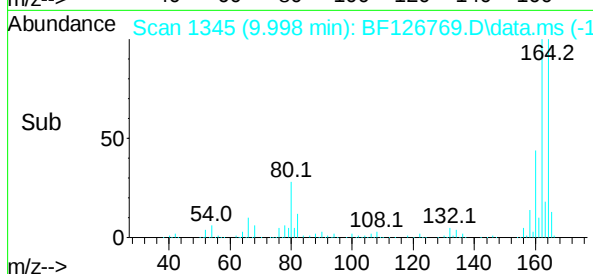
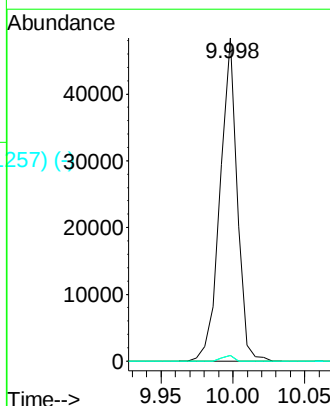
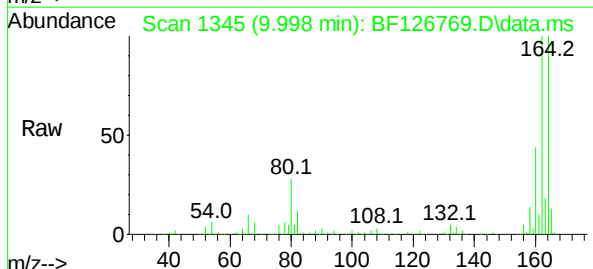
Tgt Ion:165 Resp: 39723

Ion Ratio Lower Upper

165 100

63 1.8 48.4 72.6#

89 1.7 50.5 75.7#



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

2,4-Dinitrotoluene

Concen: 8.401 ng

RT: 9.998 min Scan#

Delta R.T. -0.188 min

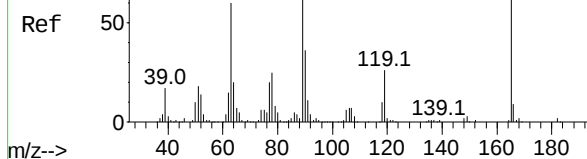
Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

Instrument :

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Tgt Ion:165 Resp: 39723

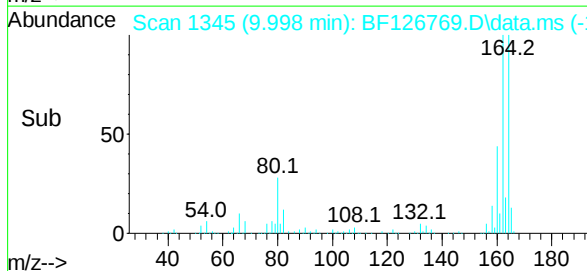
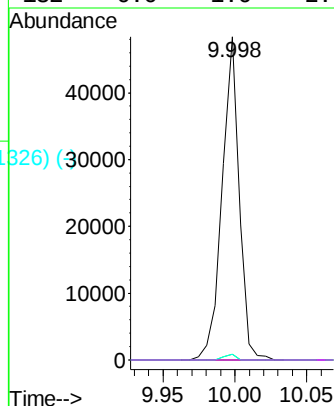
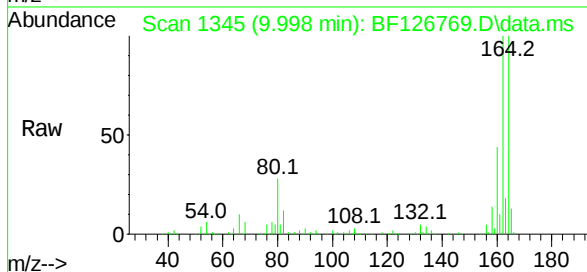
Ion Ratio Lower Upper

165 100

63 1.8 43.0 64.6#

89 1.7 71.0 106.4#

182 0.0 1.6 2.4#



Abundance Scan 1600 (11.498 min): BF126598.D\data.ms (-1564) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

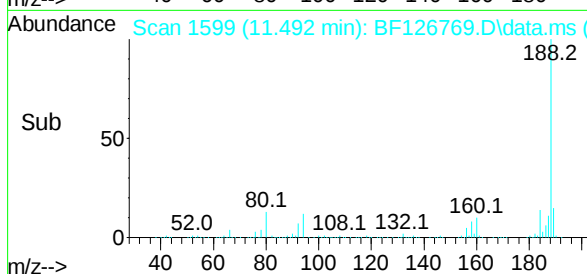
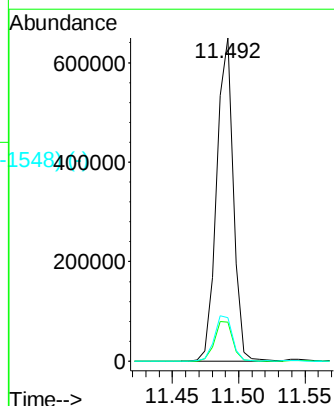
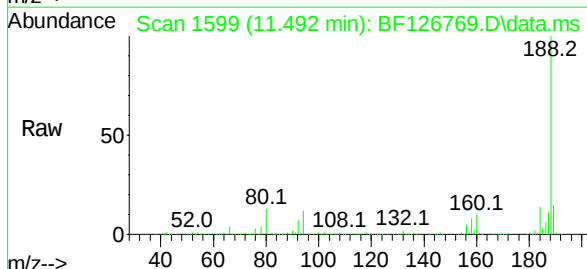
Tgt Ion:188 Resp: 565017

Ion Ratio Lower Upper

188 100

94 12.0 10.1 15.1

80 13.4 11.8 17.6



Abundance Scan 1447 (10.598 min): BF126598.D\data.ms (-1485) (-)

4,6-Dinitro-2-methylphenol

Concen: 7.643 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.200 min

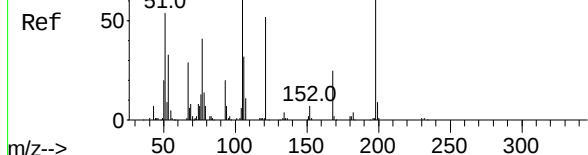
Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

Instrument :

BNA_F

ClientSampleId :



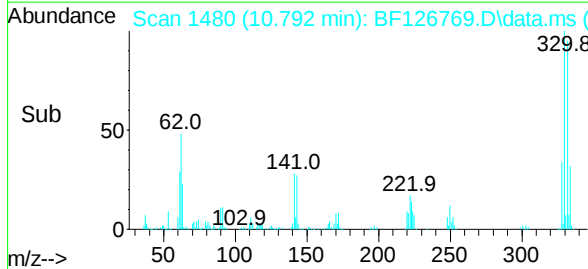
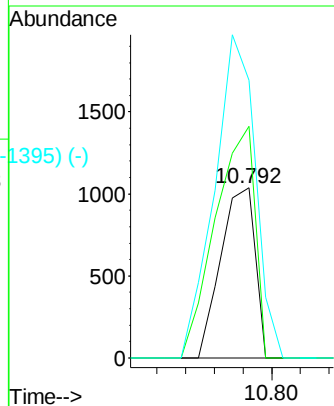
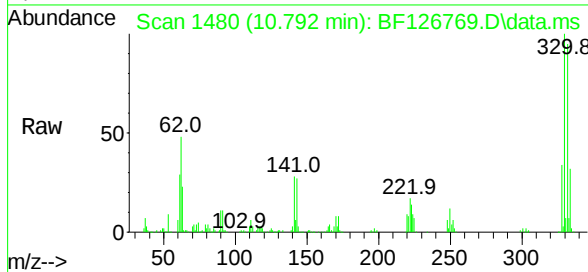
Tgt Ion:198 Resp: 865

Ion Ratio Lower Upper

198 100

51 136.2 32.0 72.0#

105 163.6 32.7 72.7#



Abundance Scan 1523 (11.045 min): BF126598.D\data.ms (-1507) (-)

4-Bromophenyl-phenylether

Concen: 3.754 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.241 min

Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

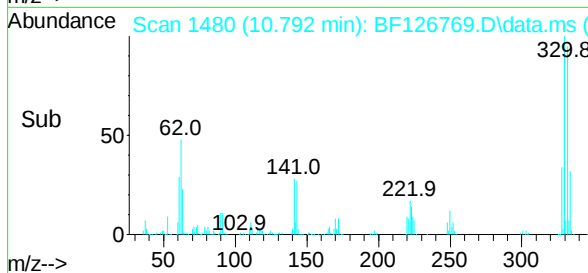
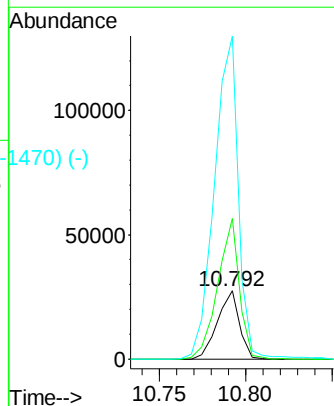
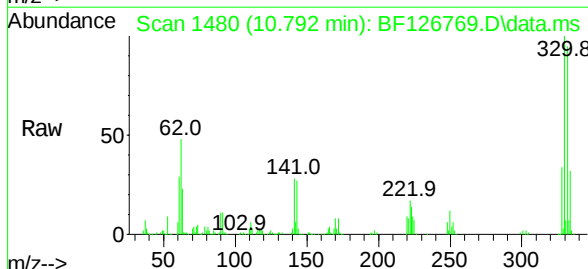
Tgt Ion:248 Resp: 24444

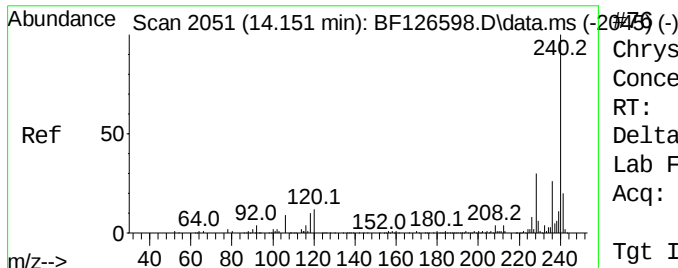
Ion Ratio Lower Upper

248 100

250 206.2 76.2 114.4#

141 473.7 66.2 99.4#





Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

Instrument :

BNA_F

ClientSampleId :

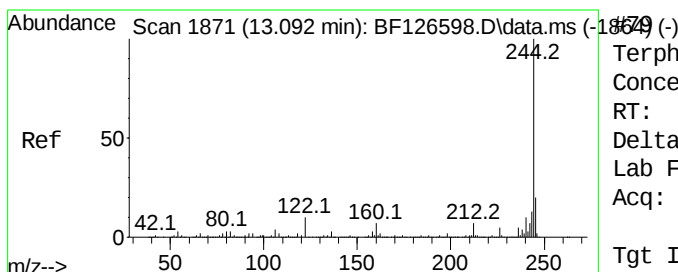
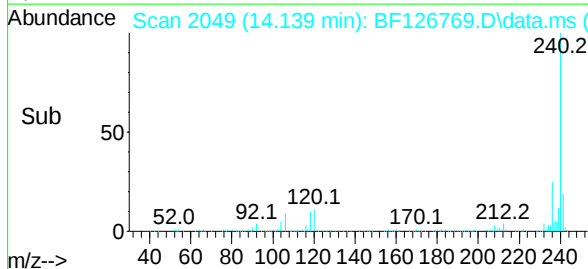
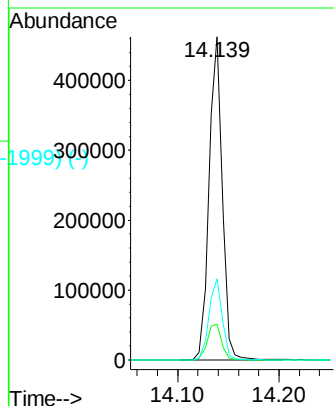
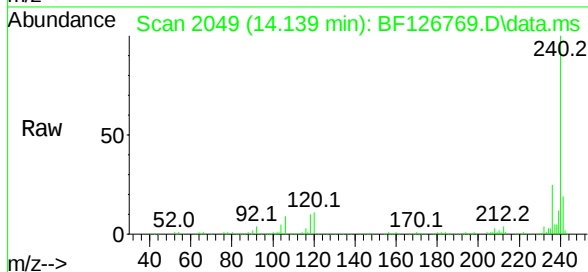
Tgt Ion:240 Resp: 415589

Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 25.1 20.5 30.7



Terphenyl-d14

Concen: 76.222 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

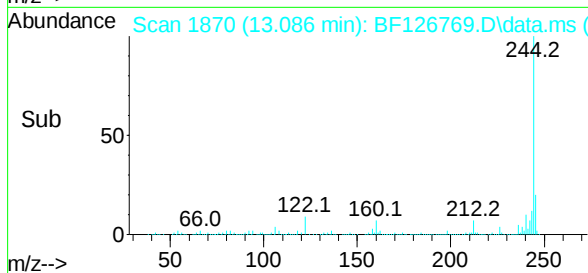
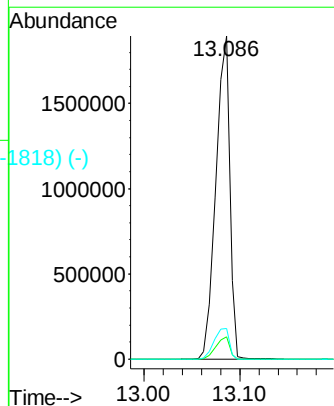
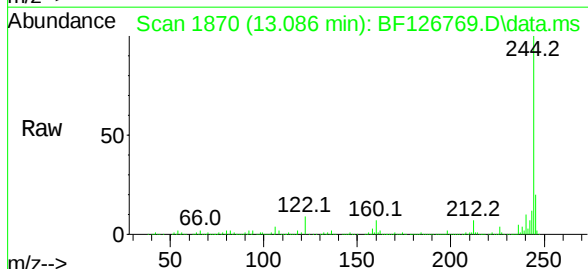
Tgt Ion:244 Resp: 1888603

Ion Ratio Lower Upper

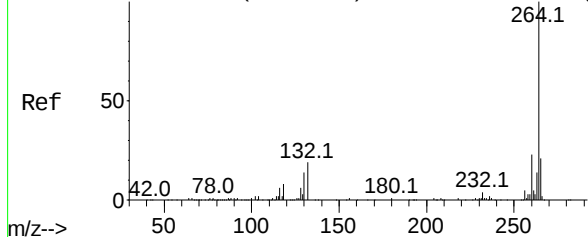
244 100

212 6.9 5.0 7.4

122 9.4 13.3 19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 1

Delta R.T. -0.000 min

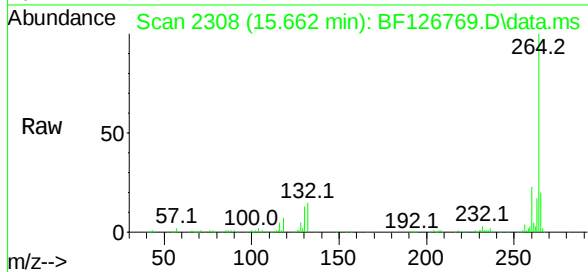
Lab File: BF126769.D

Acq: 01 Feb 2022 12:18

Instrument :

BNA_F

ClientSampleId :



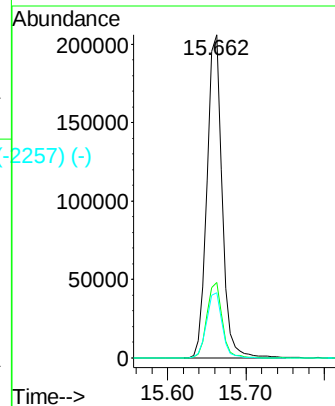
Tgt Ion:264 Resp: 273676

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.2 17.4 26.2



Abundance Scan 2308 (15.662 min): BF126769.D\data.ms (-2257) (-)

