

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126774.D
 Acq On : 01 Feb 2022 15:17
 Operator : CG/JU
 Sample : N1340-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:58:28 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)

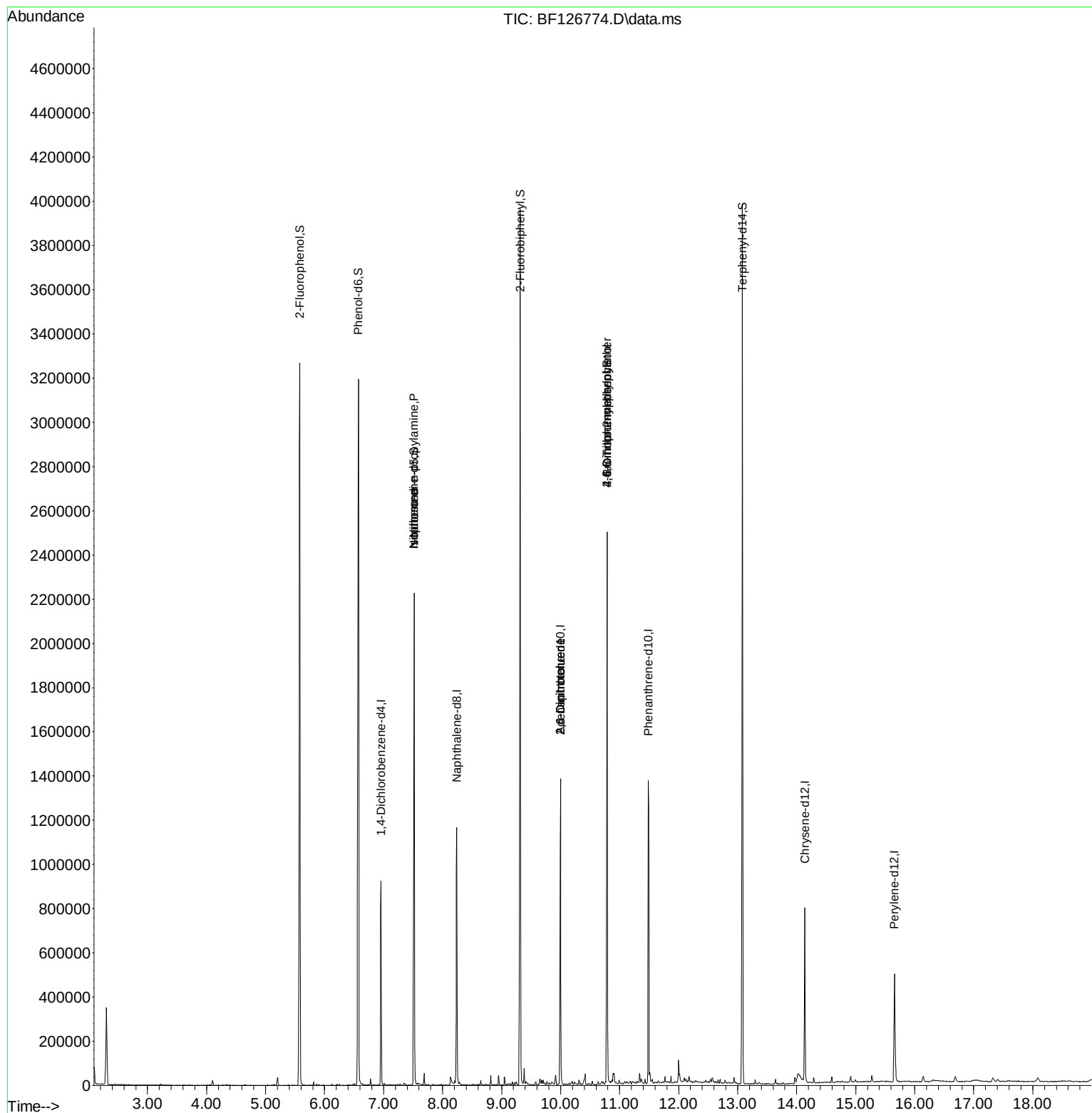
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	122851	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	472298	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	268399	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	466208	20.000	ng	0.00
76) Chrysene-d12	14.139	240	277596	20.000	ng	# 0.00
86) Perylene-d12	15.656	264	228918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	921900	98.748	ng	0.01
7) Phenol-d6	6.575	99	1250164	96.381	ng	0.00
23) Nitrobenzene-d5	7.516	82	900665	74.641	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	289551	115.276	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1189017	67.846	ng	0.00
79) Terphenyl-d14	13.080	244	1287307	77.780	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	661	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.516	70	120304	12.708	ng	# 68
25) Isophorone	7.516	82	893558	38.185	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	34467	10.478	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	34467	8.647	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	593	7.597	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	18225	3.392	ng	# 1

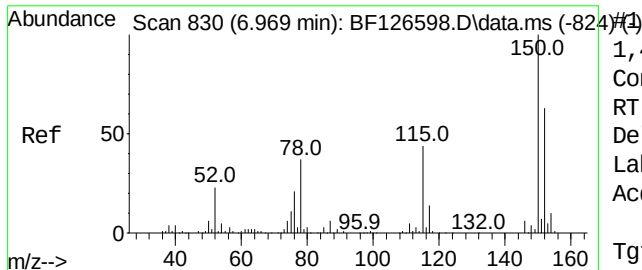
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.957 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF126774.D

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ClientSampleId :

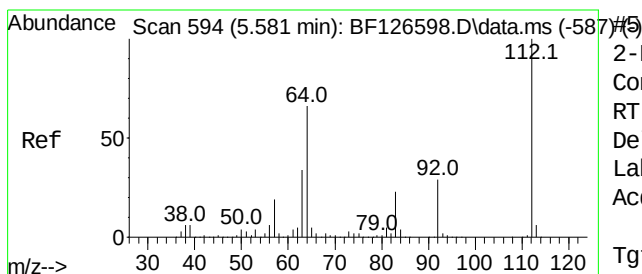
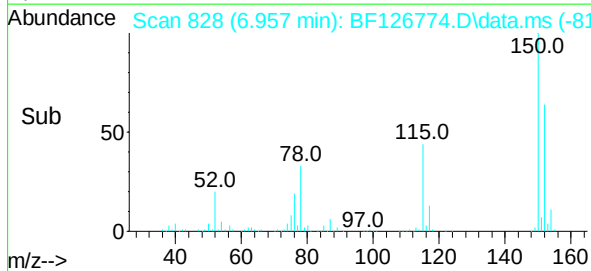
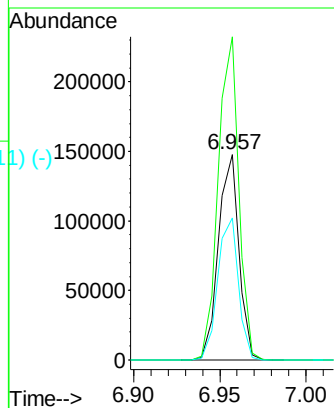
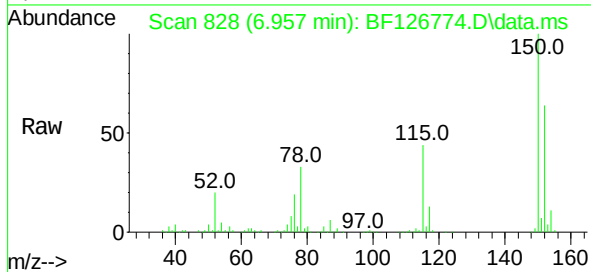
Tgt Ion:152 Resp: 122851

Ion Ratio Lower Upper

152 100

150 157.2 128.1 192.1

115 69.1 56.7 85.1



2-Fluorophenol

Concen: 98.748 ng

RT: 5.581 min Scan# 594

Delta R.T. 0.012 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

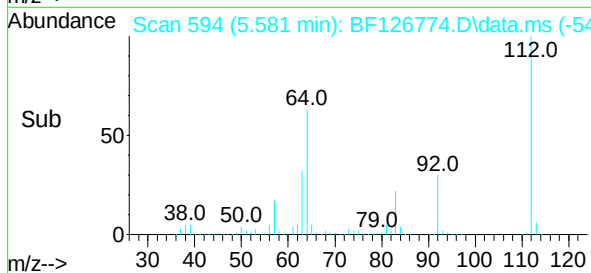
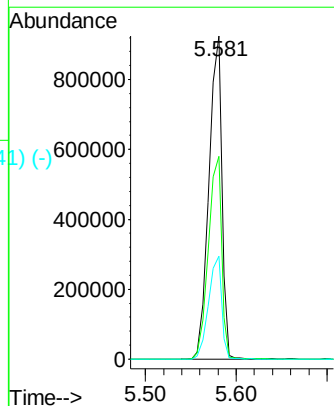
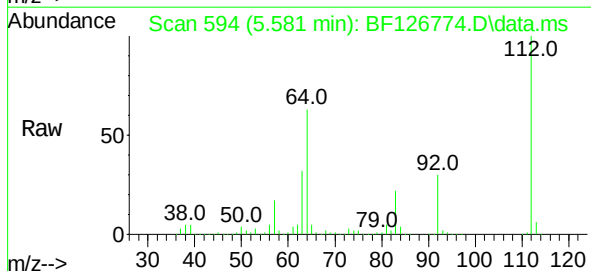
Tgt Ion:112 Resp: 921900

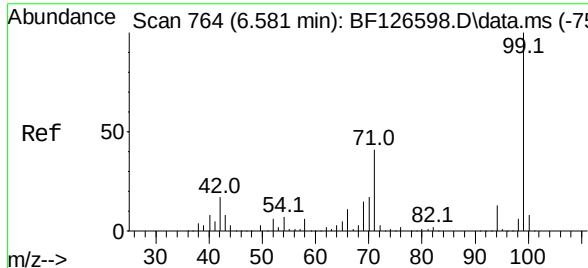
Ion Ratio Lower Upper

112 100

64 62.8 49.5 74.3

63 31.8 23.9 35.9





Phenol-d6

Concen: 96.381 ng

RT: 6.575 min Scan#

Delta R.T. -0.000 min

Lab File: BF126774.D

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Instrument :

BNA_F

ClientSampleId :

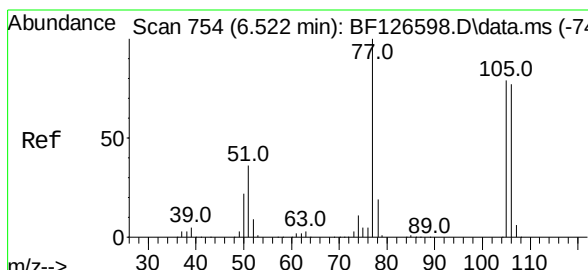
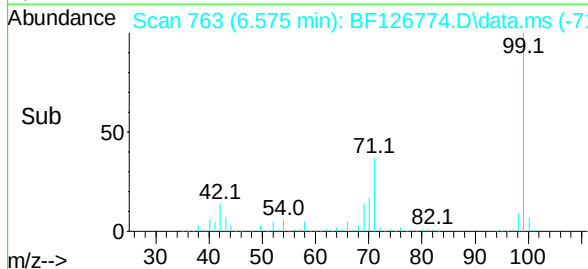
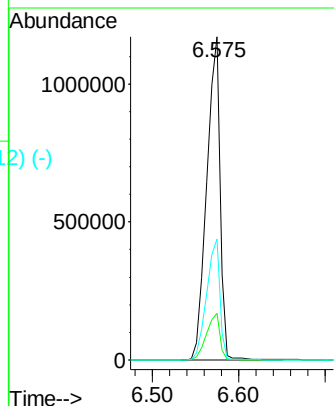
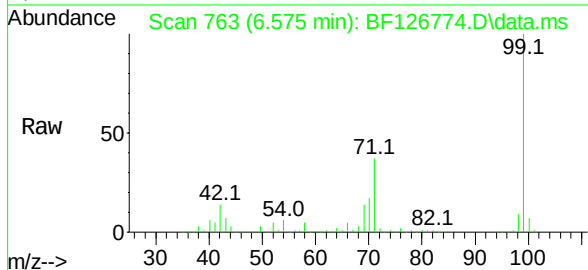
Tgt Ion: 99 Resp: 1250164

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.4

71 37.4 24.3 36.5#



Benzaldehyde

Concen: Below Cal

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

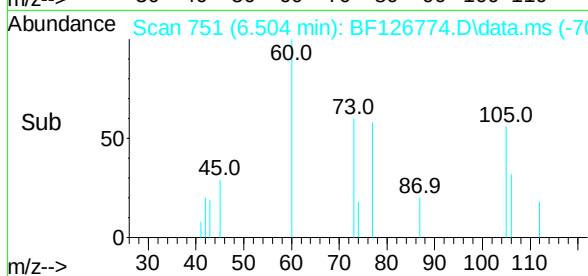
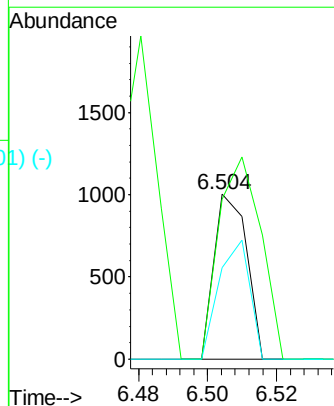
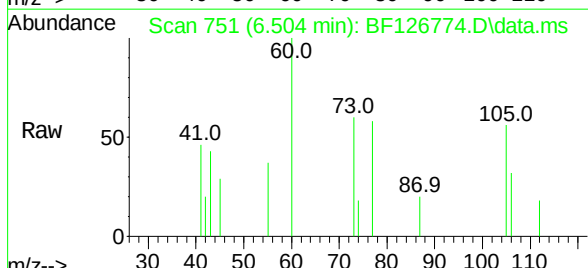
Tgt Ion: 77 Resp: 661

Ion Ratio Lower Upper

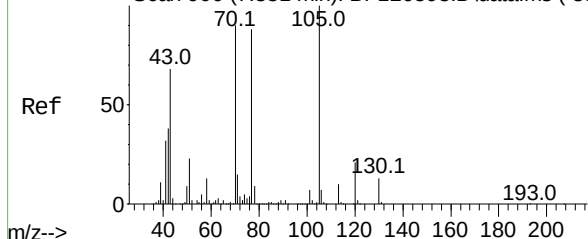
77 100

105 97.0 74.9 114.9

106 55.4 72.4 112.4#



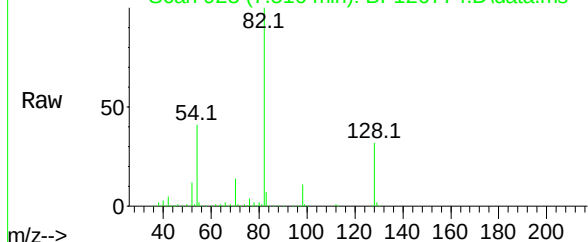
Abundance Scan 900 (7.381 min): BF126598.D\data.ms (-889) (-)



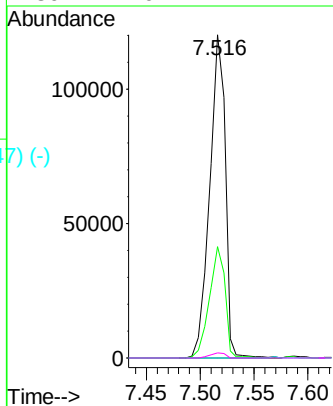
n-Nitroso-di-n-propylamine
Concen: 12.708 ng
RT: 7.516 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF126774.D
Acq: 01 Feb 2022 15:17

Instrument :
BNA_F
ClientSampleId :

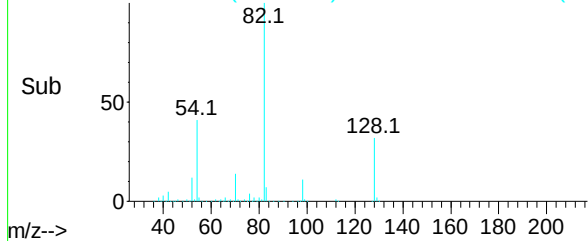
Abundance Scan 923 (7.516 min): BF126774.D\data.ms



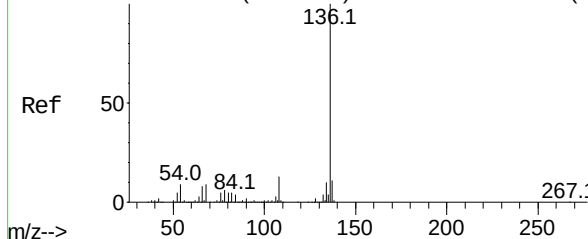
Tgt Ion:	70	Resp:	120304
Ion	Ratio	Lower	Upper
70	100		
42	34.4	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



Abundance Scan 923 (7.516 min): BF126774.D\data.ms (-847) (-)



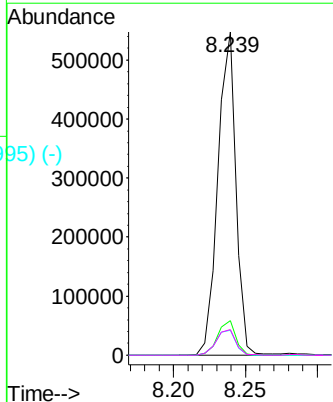
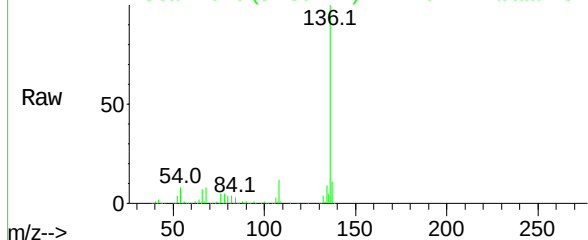
Abundance Scan 1048 (8.251 min): BF126598.D\data.ms (-1042) (-)



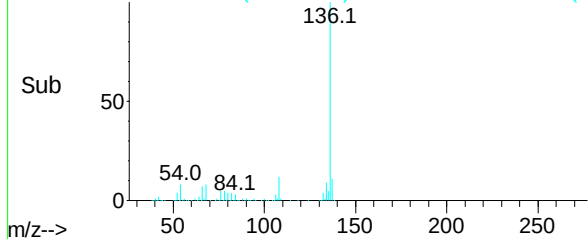
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126774.D
Acq: 01 Feb 2022 15:17

Tgt Ion:	136	Resp:	472298
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.6	7.8	11.6#
68	8.0	6.3	9.5

Abundance Scan 1046 (8.239 min): BF126774.D\data.ms



Abundance Scan 1046 (8.239 min): BF126774.D\data.ms (-995) (-)



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

Nitrobenzene-d5

Concen: 74.641 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.006 min

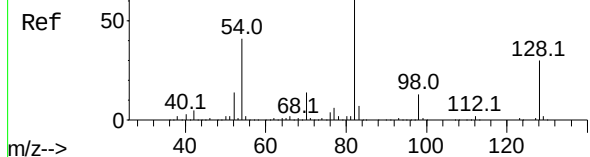
Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

Instrument :

BNA_F

ClientSampleId :



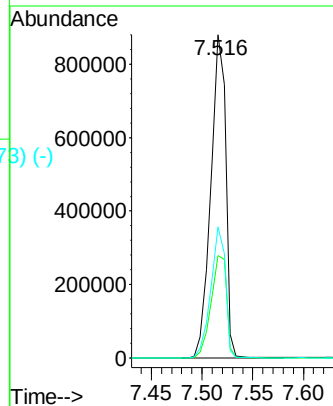
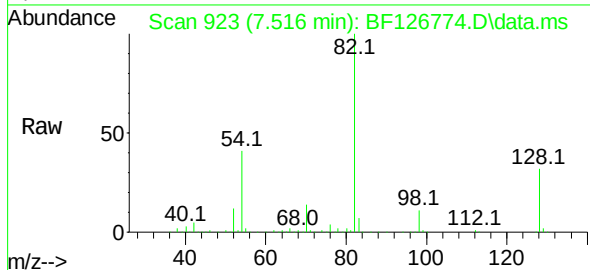
Tgt Ion: 82 Resp: 900665

Ion Ratio Lower Upper

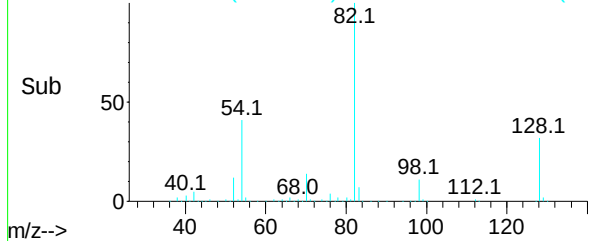
82 100

128 31.7 32.7 49.1#

54 40.5 41.7 62.5#



Abundance Scan 923 (7.516 min): BF126774.D\data.ms (-873) (-)



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

Isophorone

Concen: 38.185 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

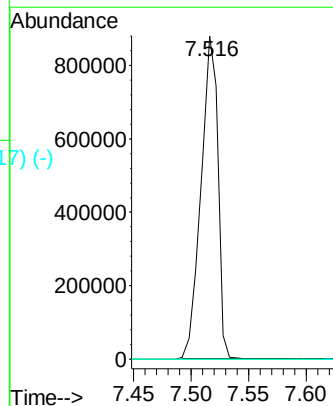
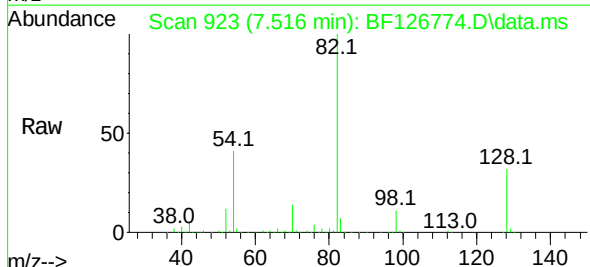
Tgt Ion: 82 Resp: 893558

Ion Ratio Lower Upper

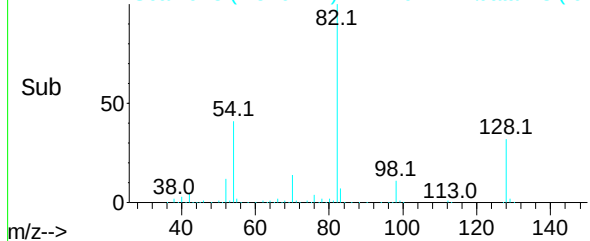
82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



Abundance Scan 923 (7.516 min): BF126774.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#

Delta R.T. -0.000 min

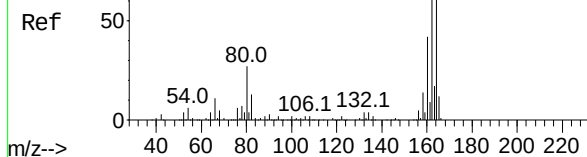
Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

Instrument :

BNA_F

ClientSampleId :



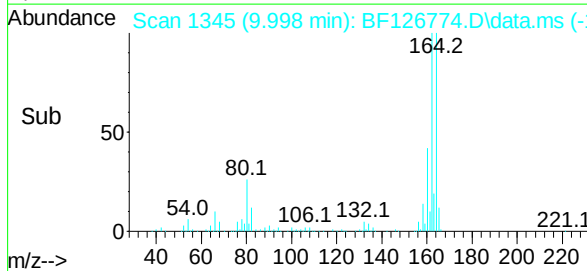
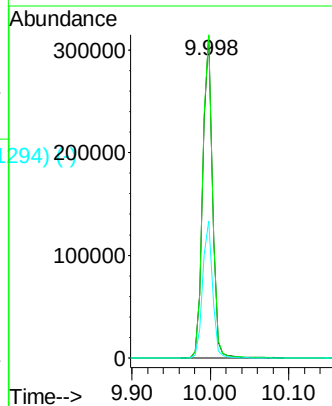
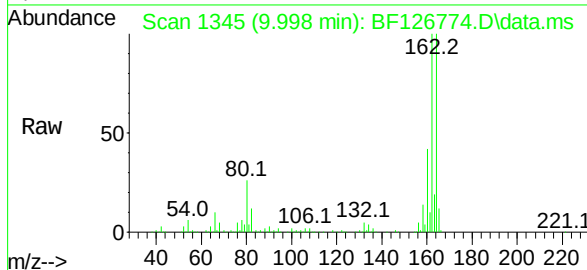
Tgt Ion:164 Resp: 268399

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

160 42.5 36.6 54.8



Abundance Scan 1481 (10.798 min): BF126598.D\data.ms (-1479) (-)

2,4,6-Tribromophenol

Concen: 115.276 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

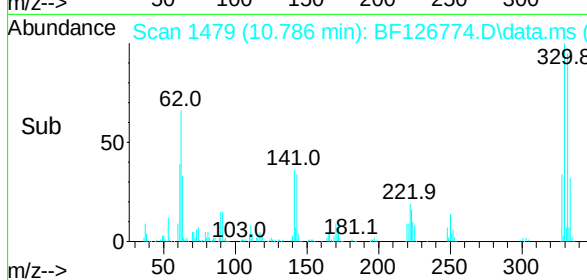
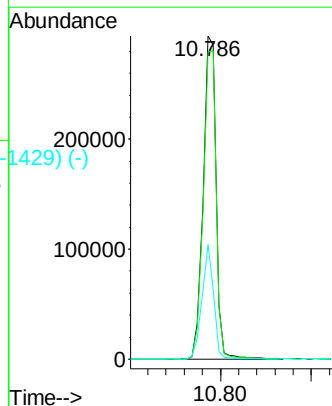
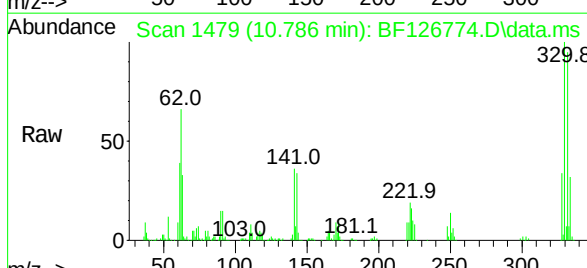
Tgt Ion:330 Resp: 289551

Ion Ratio Lower Upper

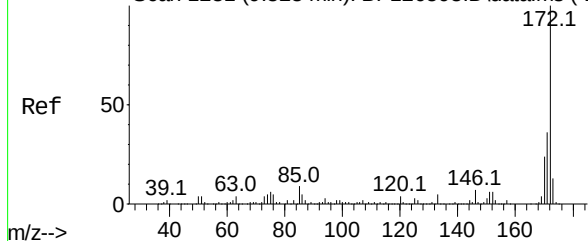
330 100

332 96.2 76.0 114.0

141 32.2 30.1 45.1



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



2-Fluorobiphenyl

Concen: 67.846 ng

RT: 9.316 min Scan#

Delta R.T. -0.000 min

Lab File: BF126774.D

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Instrument :

BNA_F

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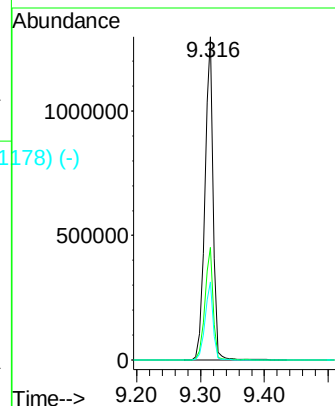
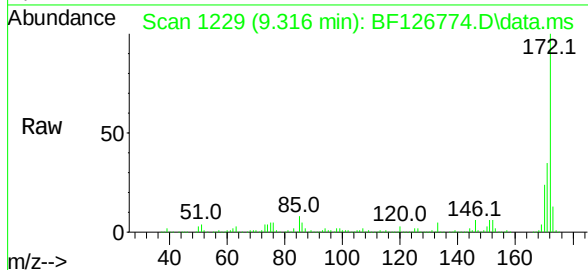
Tgt Ion:172 Resp: 1189017

Ion Ratio Lower Upper

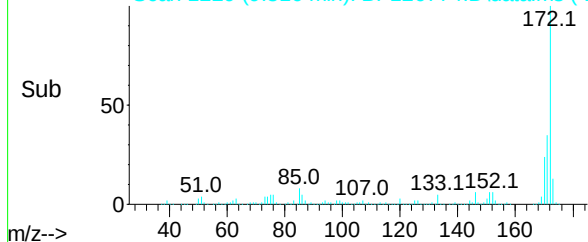
172 100

171 34.9 28.3 42.5

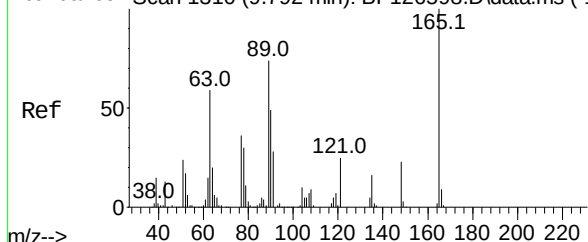
170 24.2 19.0 28.6



Abundance Scan 1229 (9.316 min): BF126774.D\data.ms (-1178) (-)



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



2,6-Dinitrotoluene

Concen: 10.478 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

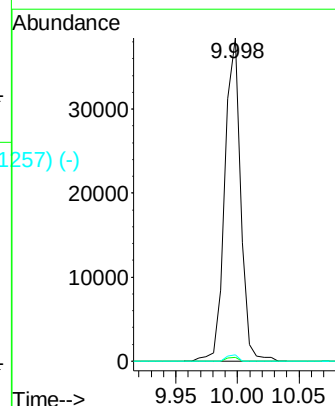
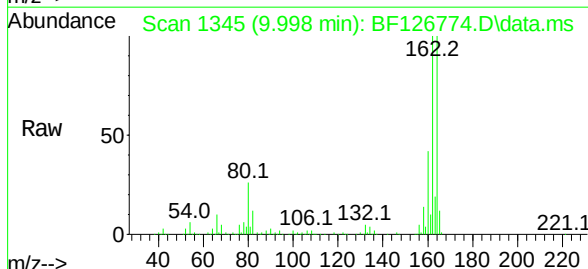
Tgt Ion:165 Resp: 34467

Ion Ratio Lower Upper

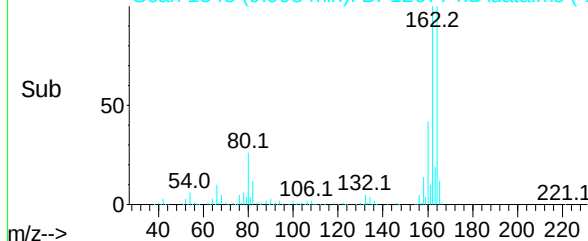
165 100

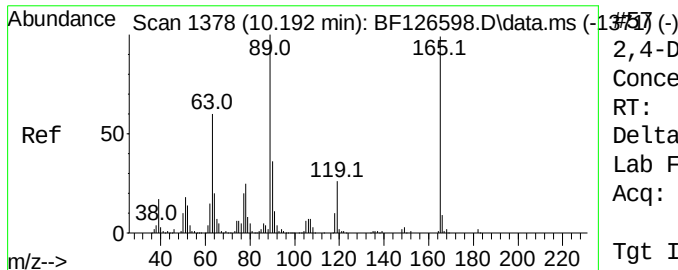
63 1.1 48.4 72.6#

89 2.0 50.5 75.7#



Abundance Scan 1345 (9.998 min): BF126774.D\data.ms (-1257) (-)

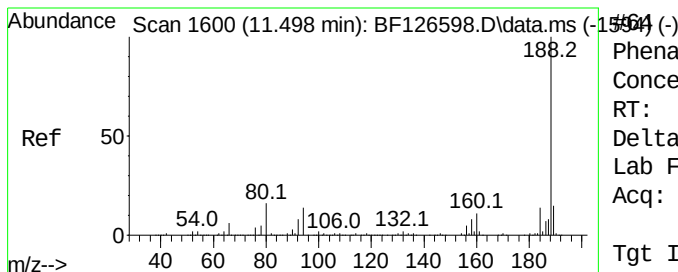
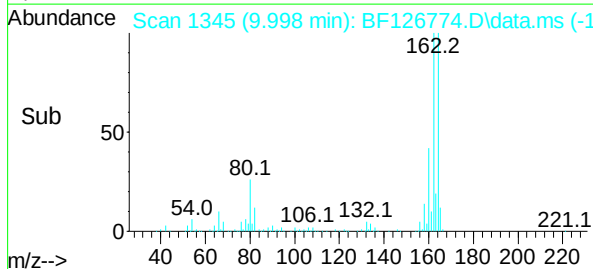
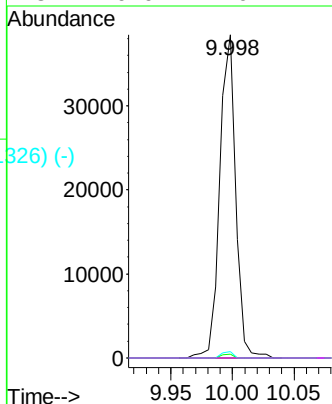
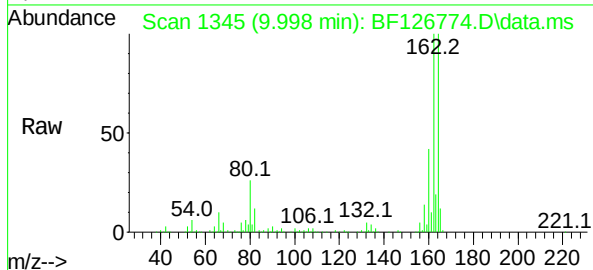




2,4-Dinitrotoluene
Concen: 8.647 ng
RT: 9.998 min Scan# 1378
Delta R.T. -0.188 min
Lab File: BF126774.D
Acq: 01 Feb 2022 15:17

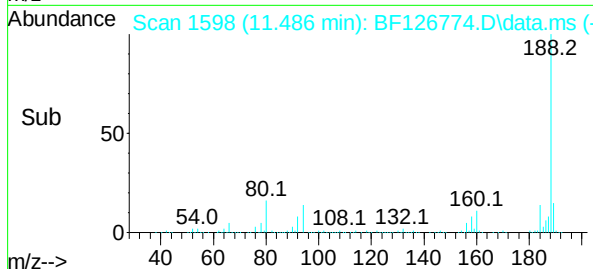
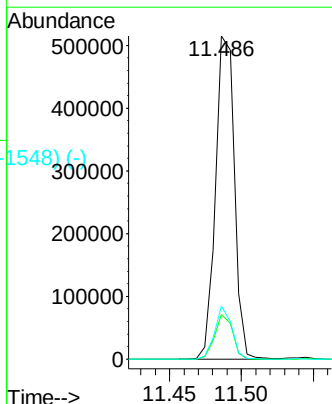
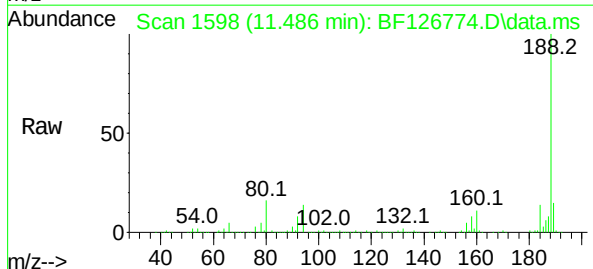
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	34467
Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.0	64.6#
89	2.0	71.0	106.4#
182	0.0	1.6	2.4#



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126774.D
Acq: 01 Feb 2022 15:17

Tgt Ion:	188	Resp:	466208
Ion	Ratio	Lower	Upper
188	100		
94	13.8	10.1	15.1
80	16.4	11.8	17.6



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

4,6-Dinitro-2-methylphenol

Concen: 7.597 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

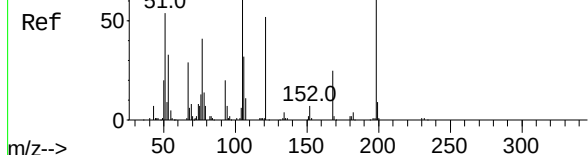
Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

Instrument :

BNA_F

ClientSampleId :



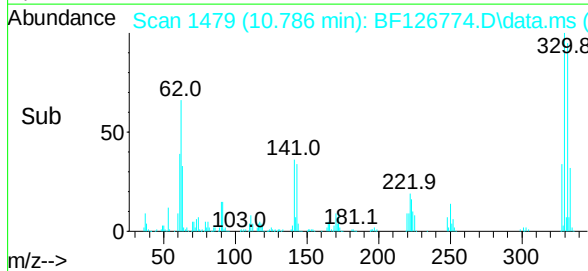
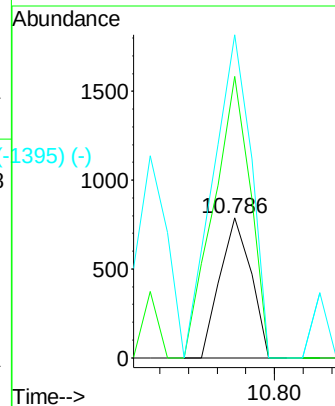
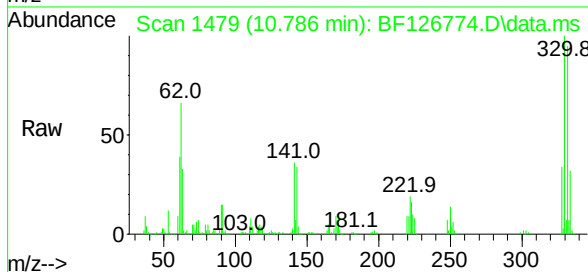
Tgt Ion:198 Resp: 593

Ion Ratio Lower Upper

198 100

51 201.1 32.0 72.0#

105 230.7 32.7 72.7#



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

4-Bromophenyl-phenylether

Concen: 3.392 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

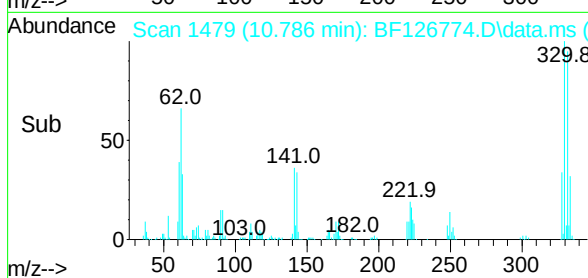
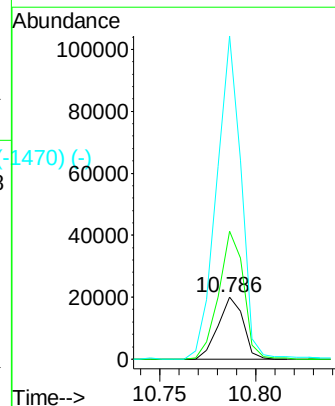
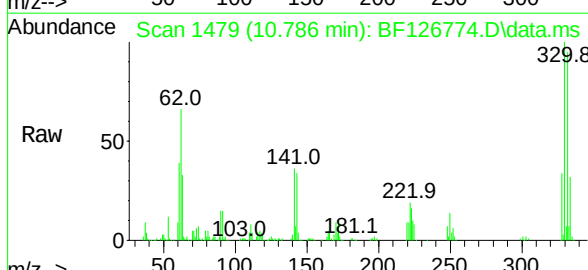
Tgt Ion:248 Resp: 18225

Ion Ratio Lower Upper

248 100

250 205.3 76.2 114.4#

141 519.4 66.2 99.4#



Abundance Scan 2051 (14.151 min): BF126598.D\data.ms (-20475) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 1

Delta R.T. -0.006 min

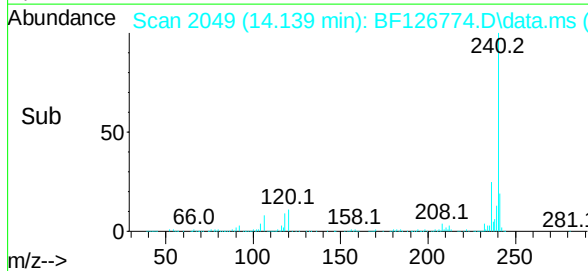
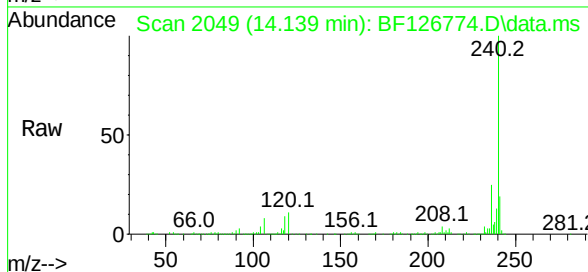
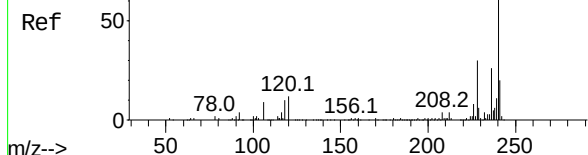
Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

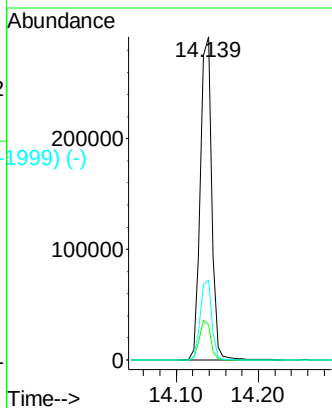
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	240	Resp:	277596
Ion	Ratio	Lower	Upper
240	100		
120	10.9	14.4	21.6#
236	24.8	20.5	30.7



Abundance Scan 1871 (13.092 min): BF126598.D\data.ms (-18679) (-)

Terphenyl-d14

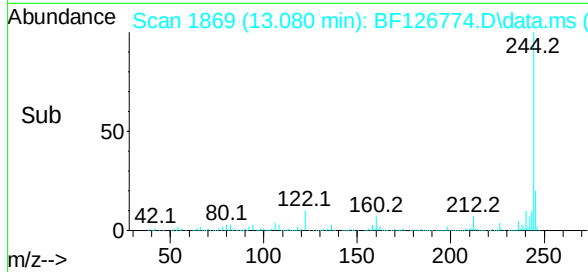
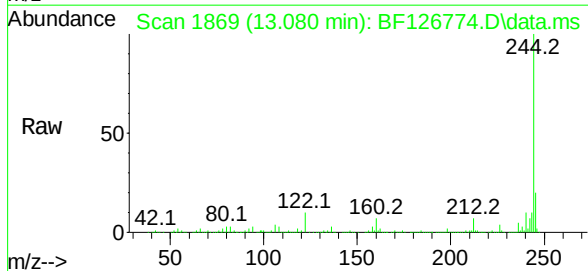
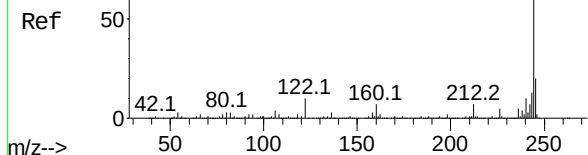
Concen: 77.780 ng

RT: 13.080 min Scan# 1869

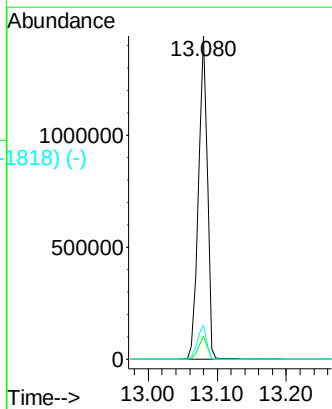
Delta R.T. -0.000 min

Lab File: BF126774.D

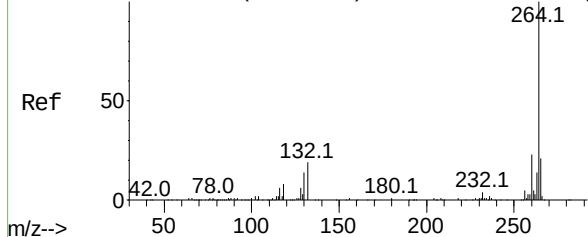
Acq: 01 Feb 2022 15:17



Tgt Ion:	244	Resp:	1287307
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	10.5	13.3	19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.656 min Scan# 1

Delta R.T. -0.006 min

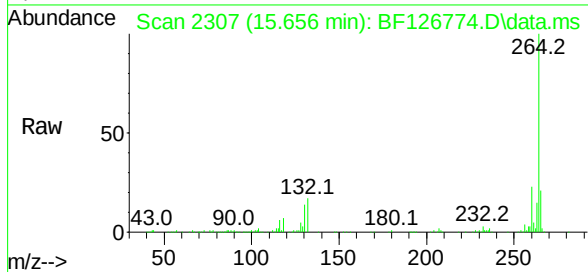
Lab File: BF126774.D

Acq: 01 Feb 2022 15:17

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 228918

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.6 17.4 26.2

