

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126773.D
 Acq On : 01 Feb 2022 14:51
 Operator : CG/JU
 Sample : N1340-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:58:12 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)

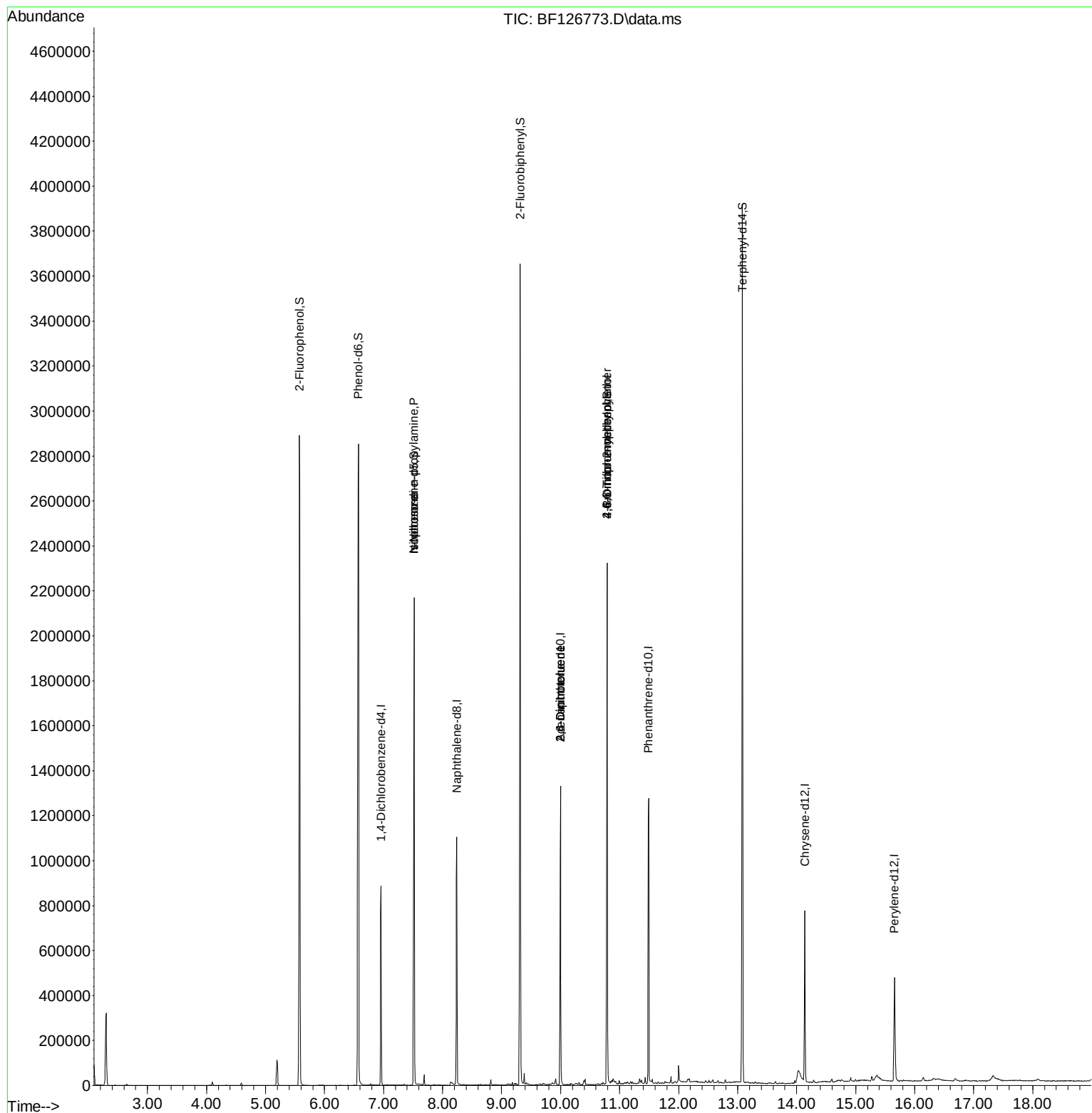
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	117807	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	448451	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	254494	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	444512	20.000	ng	0.00
76) Chrysene-d12	14.139	240	277015	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	222870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	848208	94.745	ng	0.00
7) Phenol-d6	6.575	99	1158609	93.147	ng	0.00
23) Nitrobenzene-d5	7.516	82	825365	72.038	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	262679	110.292	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1109643	66.776	ng	0.00
79) Terphenyl-d14	13.080	244	1269005	76.835	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	108	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	109127	12.021	ng	# 69
25) Isophorone	7.516	82	819074	36.863	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	33907	10.871	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	33907	8.971	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	573	7.600	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16743	3.268	ng	# 1

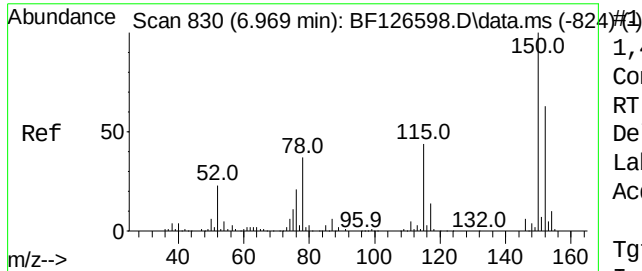
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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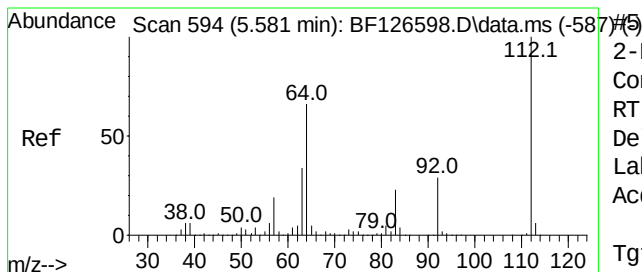
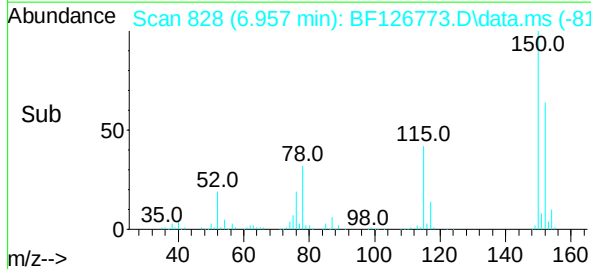
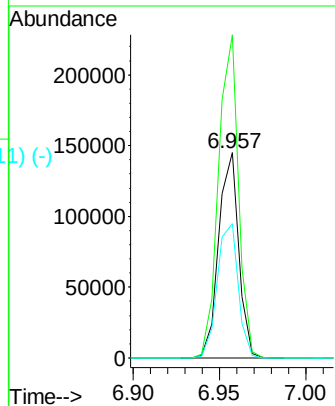
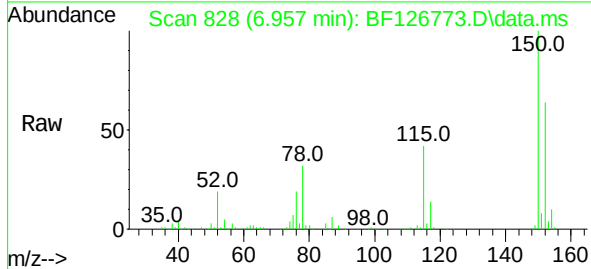




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF126773.D
 Acq: 01 Feb 2022 14:51

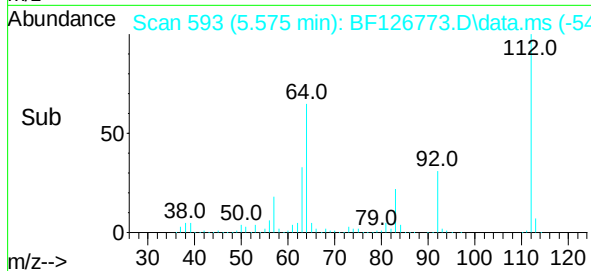
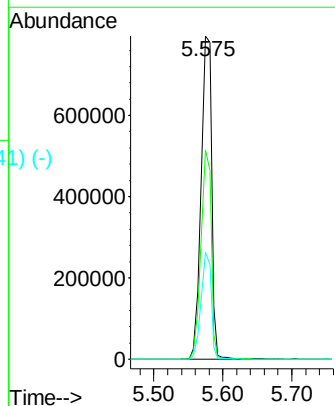
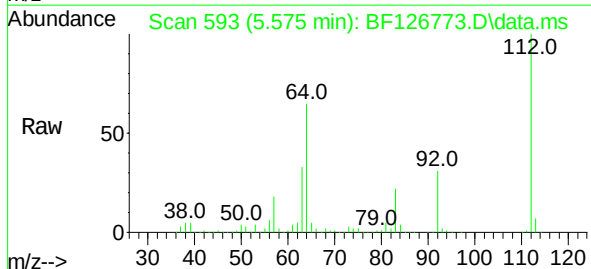
Instrument :
 BNA_F
 ClientSampleId :

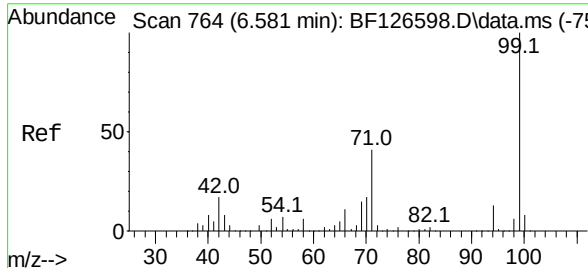
Tgt Ion:152 Resp: 117807
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.1 192.1
 115 65.6 56.7 85.1



2-Fluorophenol
 Concen: 94.745 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF126773.D
 Acq: 01 Feb 2022 14:51

Tgt Ion:112 Resp: 848208
 Ion Ratio Lower Upper
 112 100
 64 64.8 49.5 74.3
 63 33.1 23.9 35.9





Phenol-d6

Concen: 93.147 ng

RT: 6.575 min Scan#

Delta R.T. 0.000 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :

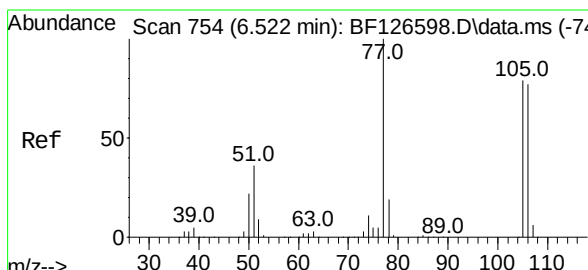
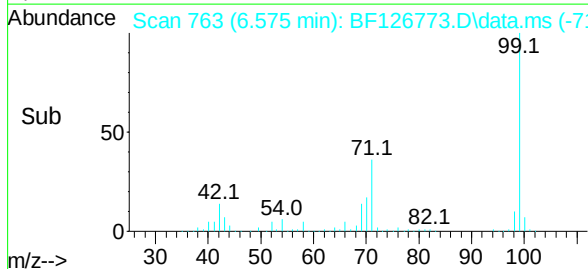
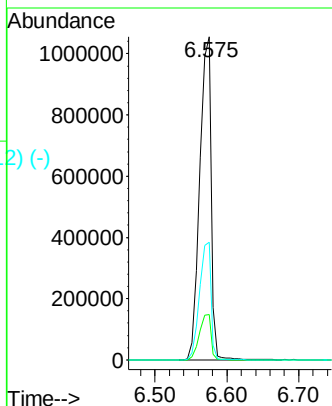
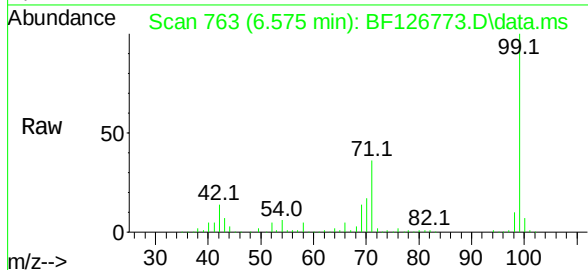
Tgt Ion: 99 Resp: 1158609

Ion Ratio Lower Upper

99 100

42 14.0 14.2 21.4#

71 36.4 24.3 36.5



Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

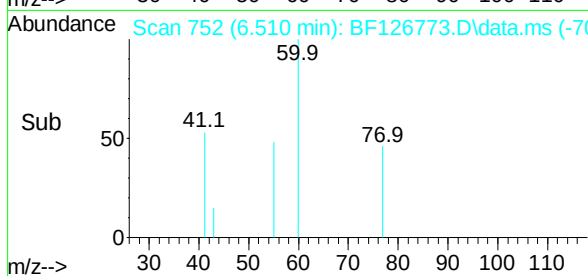
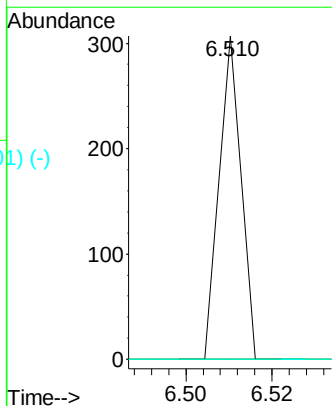
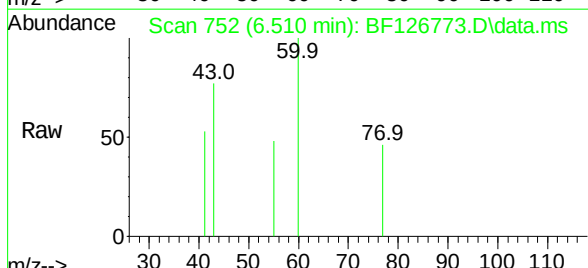
Tgt Ion: 77 Resp: 108

Ion Ratio Lower Upper

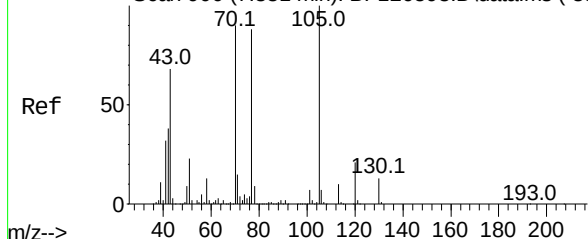
77 100

105 0.0 74.9 114.9#

106 0.0 72.4 112.4#



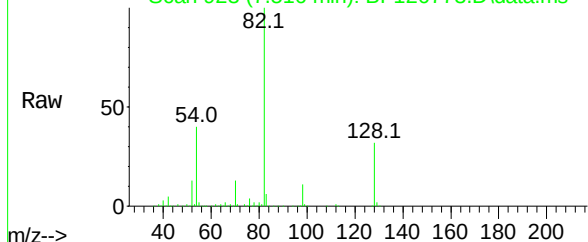
Abundance Scan 900 (7.381 min): BF126598.D\data.ms (-889) (-)



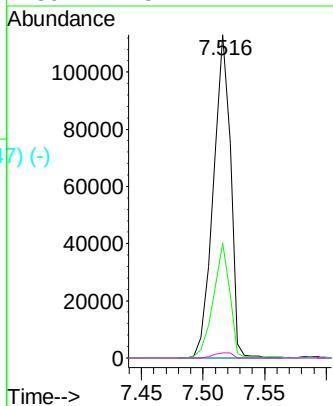
n-Nitroso-di-n-propylamine
Concen: 12.021 ng
RT: 7.516 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF126773.D
Acq: 01 Feb 2022 14:51

Instrument :
BNA_F
ClientSampleId :

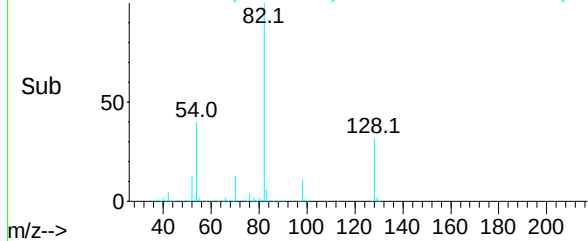
Abundance Scan 923 (7.516 min): BF126773.D\data.ms



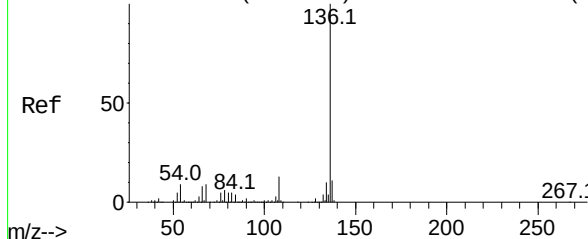
Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.6	45.8	68.8#
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#



Abundance Scan 923 (7.516 min): BF126773.D\data.ms (-847) (-)



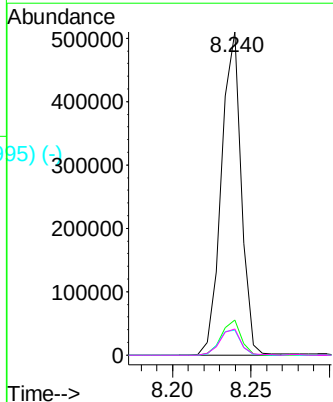
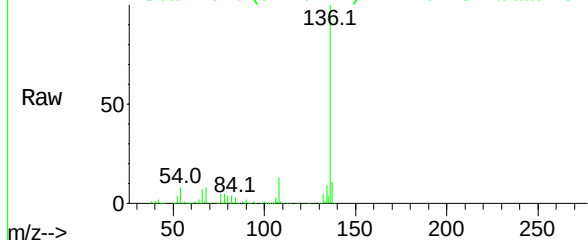
Abundance Scan 1048 (8.251 min): BF126598.D\data.ms (-1042) (-)



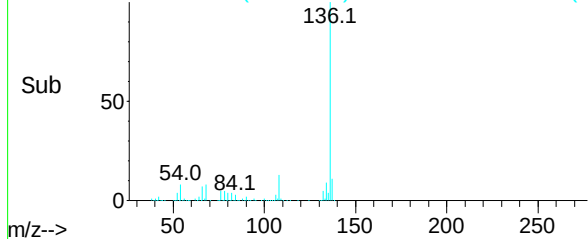
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126773.D
Acq: 01 Feb 2022 14:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	7.8	11.6#
68	8.1	6.3	9.5

Abundance Scan 1046 (8.240 min): BF126773.D\data.ms



Abundance Scan 1046 (8.240 min): BF126773.D\data.ms (-995) (-)



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

Nitrobenzene-d5

Concen: 72.038 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.006 min

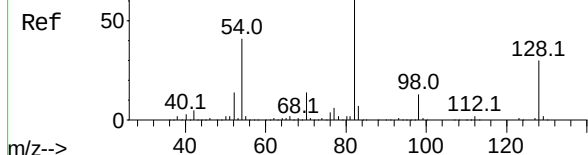
Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :



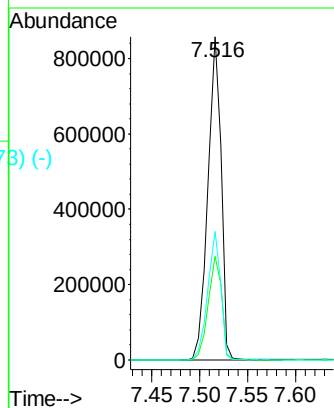
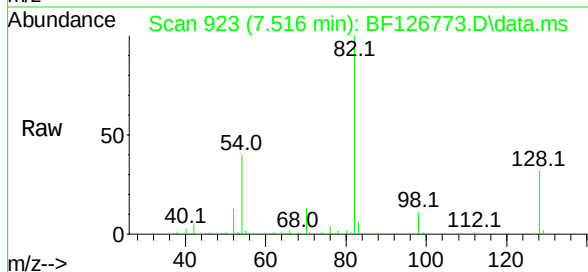
Tgt Ion: 82 Resp: 825365

Ion Ratio Lower Upper

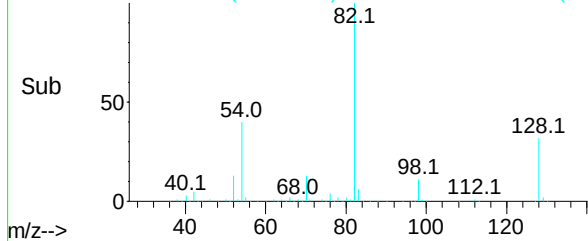
82 100

128 32.2 32.7 49.1#

54 39.8 41.7 62.5#



Abundance Scan 923 (7.516 min): BF126773.D\data.ms (-873) (-)



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

Isophorone

Concen: 36.863 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

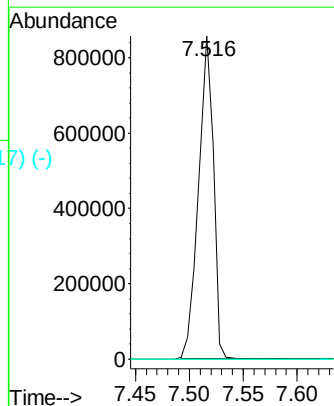
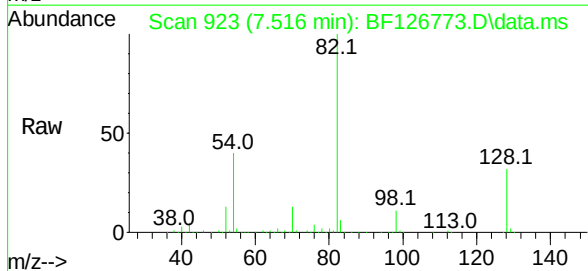
Tgt Ion: 82 Resp: 819074

Ion Ratio Lower Upper

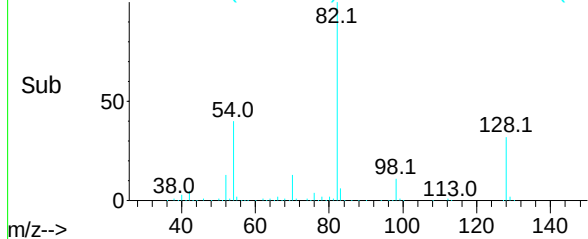
82 100

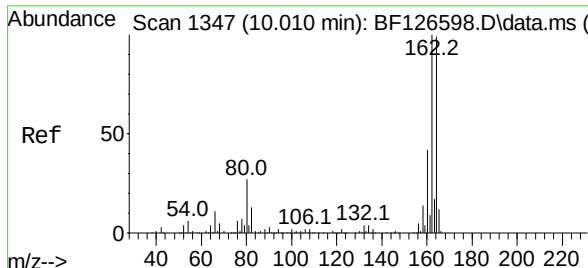
95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



Abundance Scan 923 (7.516 min): BF126773.D\data.ms (-917) (-)





Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

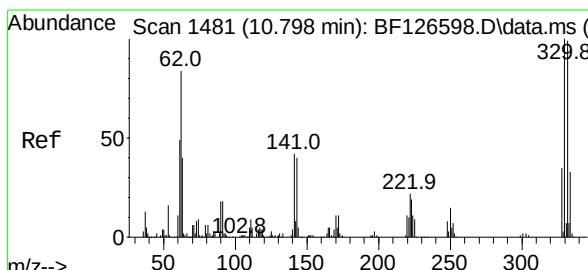
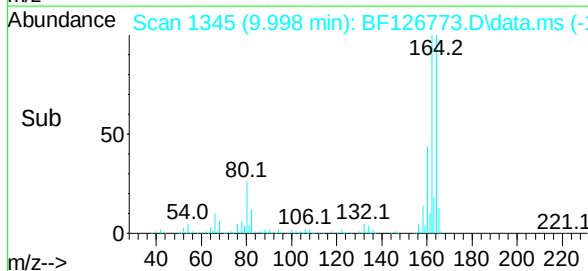
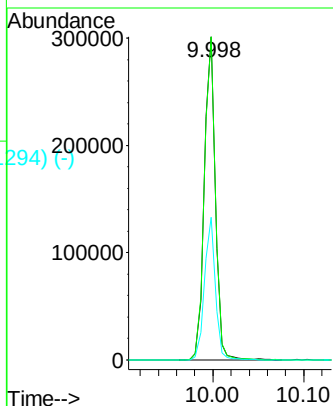
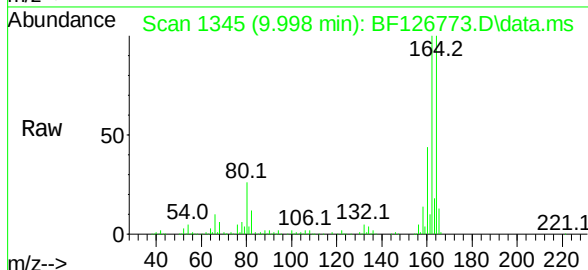
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:164 Resp: 254494

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	44.2	36.6	54.8



2,4,6-Tribromophenol

Concen: 110.292 ng

RT: 10.786 min Scan# 1479

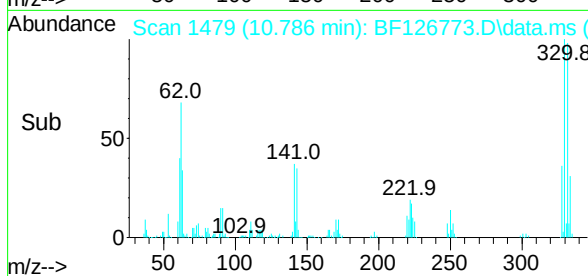
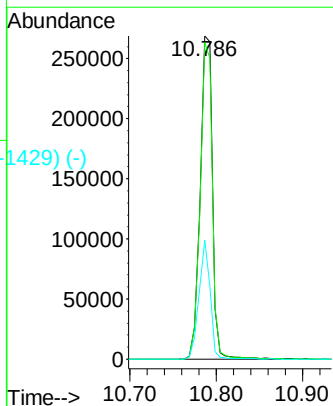
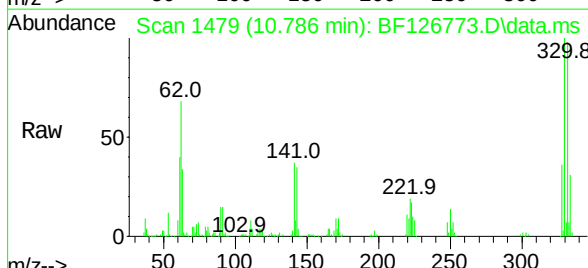
Delta R.T. -0.006 min

Lab File: BF126773.D

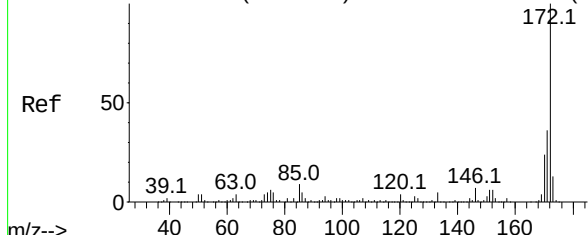
Acq: 01 Feb 2022 14:51

Tgt Ion:330 Resp: 262679

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	33.6	30.1	45.1



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



2-Fluorobiphenyl

Concen: 66.776 ng

RT: 9.316 min Scan#

Delta R.T. 0.000 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :

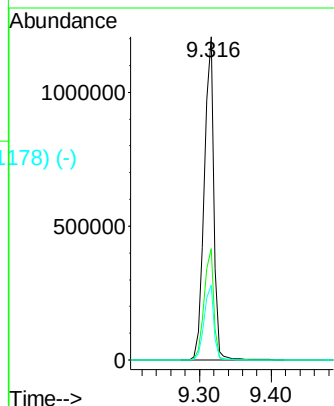
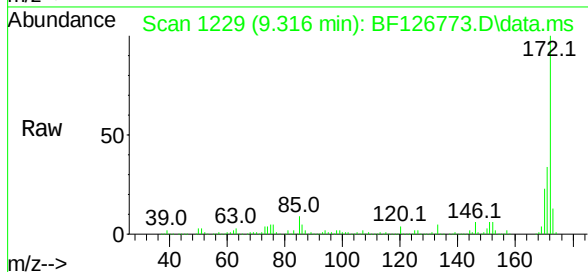
Tgt Ion:172 Resp: 1109643

Ion Ratio Lower Upper

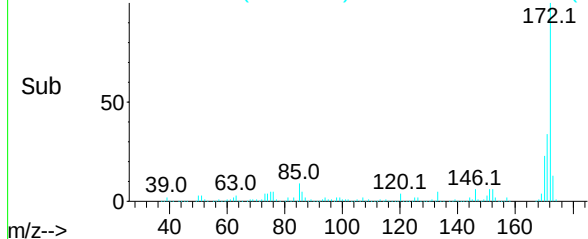
172 100

171 34.5 28.3 42.5

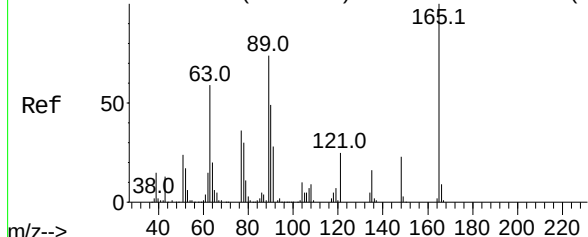
170 23.2 19.0 28.6



Abundance Scan 1229 (9.316 min): BF126773.D\data.ms (-1178) (-)



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



2,6-Dinitrotoluene

Concen: 10.871 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

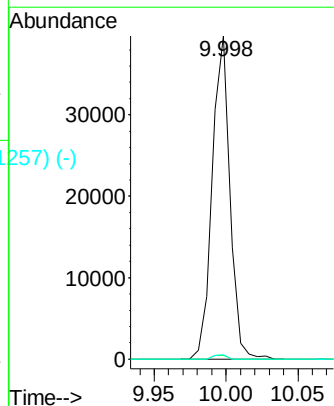
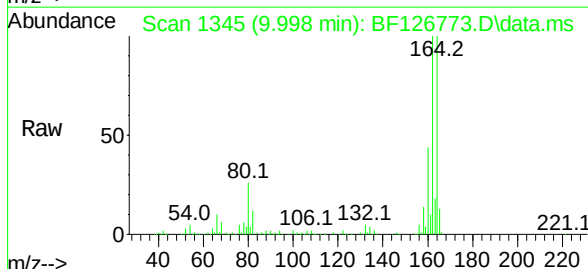
Tgt Ion:165 Resp: 33907

Ion Ratio Lower Upper

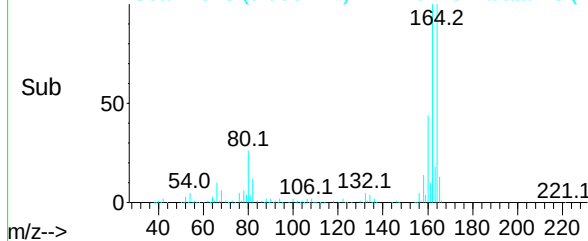
165 100

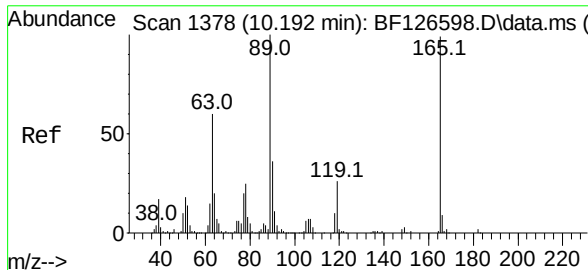
63 1.2 48.4 72.6#

89 1.3 50.5 75.7#



Abundance Scan 1345 (9.998 min): BF126773.D\data.ms (-1257) (-)

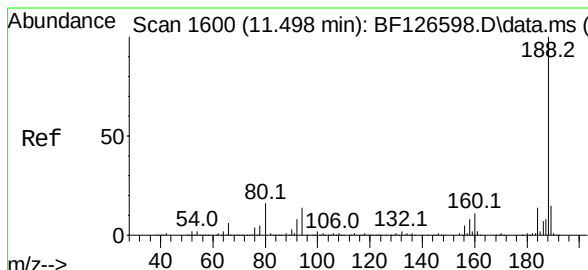
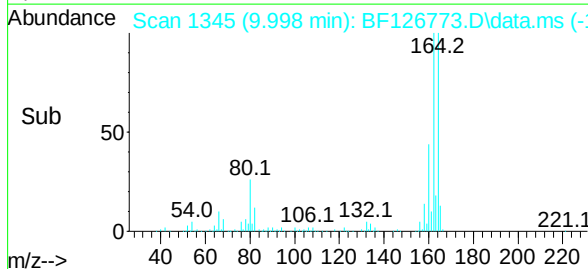
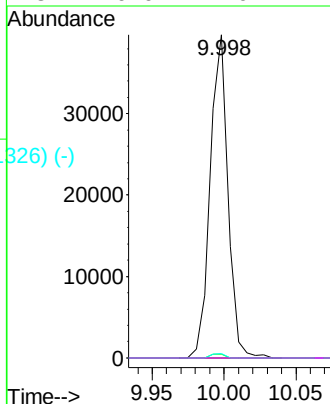
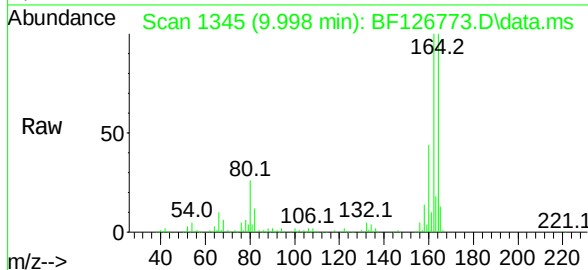




Scan 1378 (10.192 min): BF126598.D\data.ms (-1351) (-)
 2,4-Dinitrotoluene
 Concen: 8.971 ng
 RT: 9.998 min Scan# 1378
 Delta R.T. -0.188 min
 Lab File: BF126773.D
 Acq: 01 Feb 2022 14:51

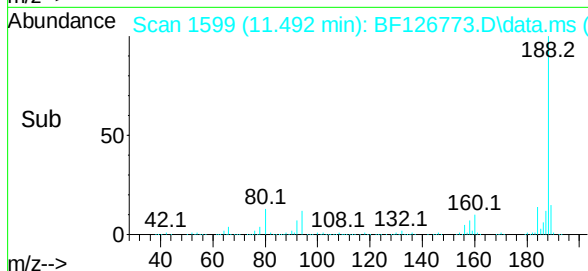
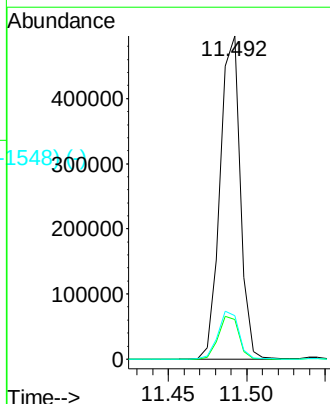
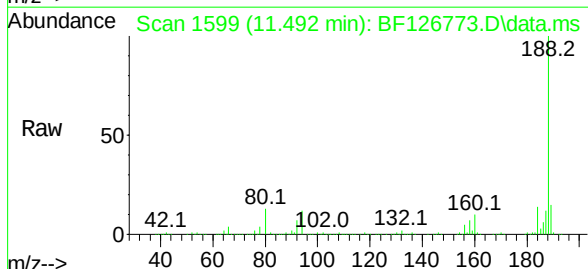
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	165	Resp:	33907
Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.0	64.6#
89	1.3	71.0	106.4#
182	0.0	1.6	2.4#



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: BF126773.D
 Acq: 01 Feb 2022 14:51

Tgt Ion:	188	Resp:	444512
Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.1	15.1
80	13.5	11.8	17.6



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

4,6-Dinitro-2-methylphenol

Concen: 7.600 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :

Ref

Abundance Scan 1479 (10.786 min): BF126773.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 1479 (10.786 min): BF126773.D\data.ms (-1395) (-)

Raw

Sub

m/z-->

Abundance Scan 1479 (10.786 min): BF126773.D\data.ms (-1395) (-)

Raw

Sub

m/z-->

Tgt Ion:198 Resp: 573

Ion Ratio Lower Upper

198 100

51 172.3 32.0 72.0#

105 215.7 32.7 72.7#

Abundance

1500

1000

500

0

10.786

Time-->

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

4-Bromophenyl-phenylether

Concen: 3.268 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Tgt Ion:248 Resp: 16743

Ion Ratio Lower Upper

248 100

250 201.5 76.2 114.4#

141 539.6 66.2 99.4#

Abundance

80000

60000

40000

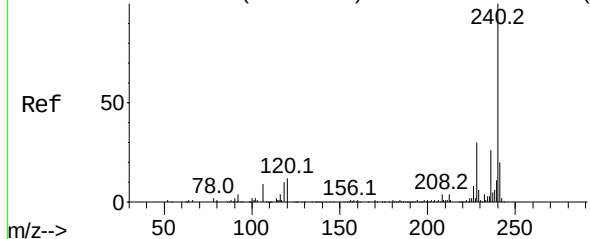
20000

0

10.786

Time-->

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: BF126773.D

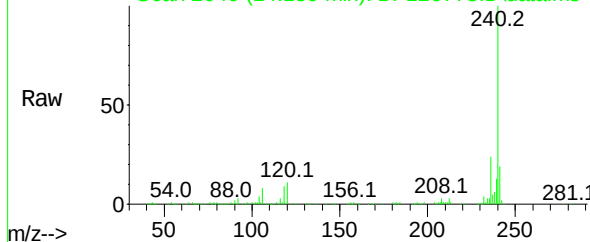
Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :

Abundance Scan 2049 (14.139 min): BF126773.D\data.ms



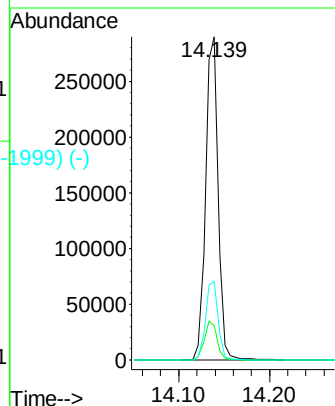
Tgt Ion:240 Resp: 277015

Ion Ratio Lower Upper

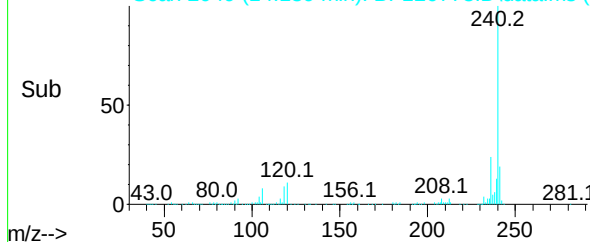
240 100

120 10.6 14.4 21.6#

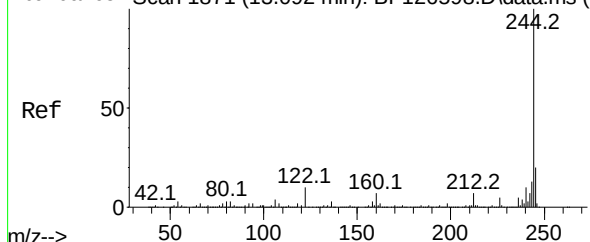
236 24.3 20.5 30.7



Abundance Scan 2049 (14.139 min): BF126773.D\data.ms (-1999) (-)



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



Terphenyl-d14

Concen: 76.835 ng

RT: 13.080 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Tgt Ion:244 Resp: 1269005

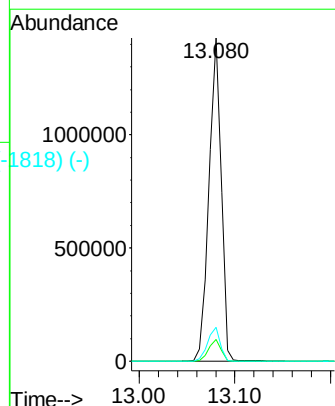
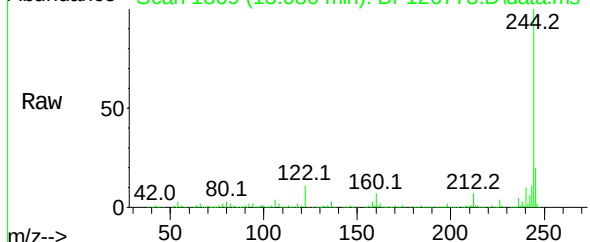
Ion Ratio Lower Upper

244 100

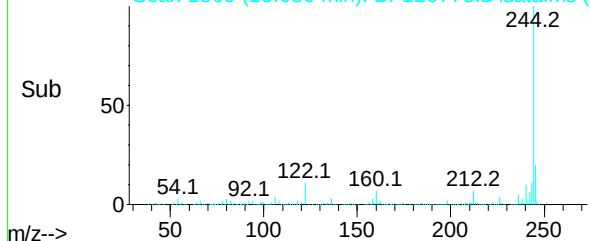
212 6.7 5.0 7.4

122 10.6 13.3 19.9#

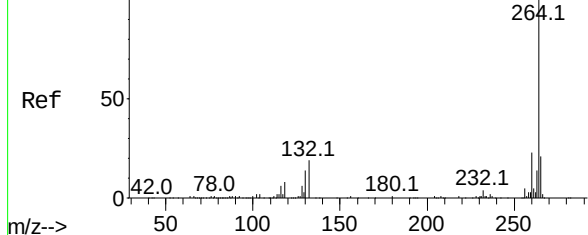
Abundance Scan 1869 (13.080 min): BF126773.D\data.ms



Abundance Scan 1869 (13.080 min): BF126773.D\data.ms (-1818) (-)



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

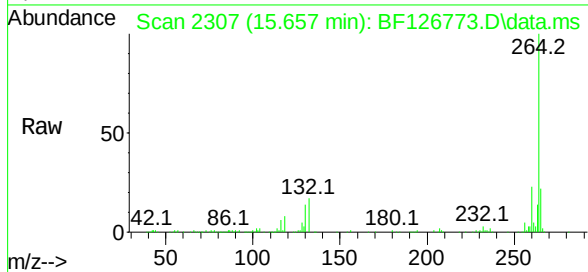
Lab File: BF126773.D

Acq: 01 Feb 2022 14:51

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 222870

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 17.4 26.2

