

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126768.D
 Acq On : 01 Feb 2022 11:52
 Operator : CG/JU
 Sample : PB142400BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:56:08 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)

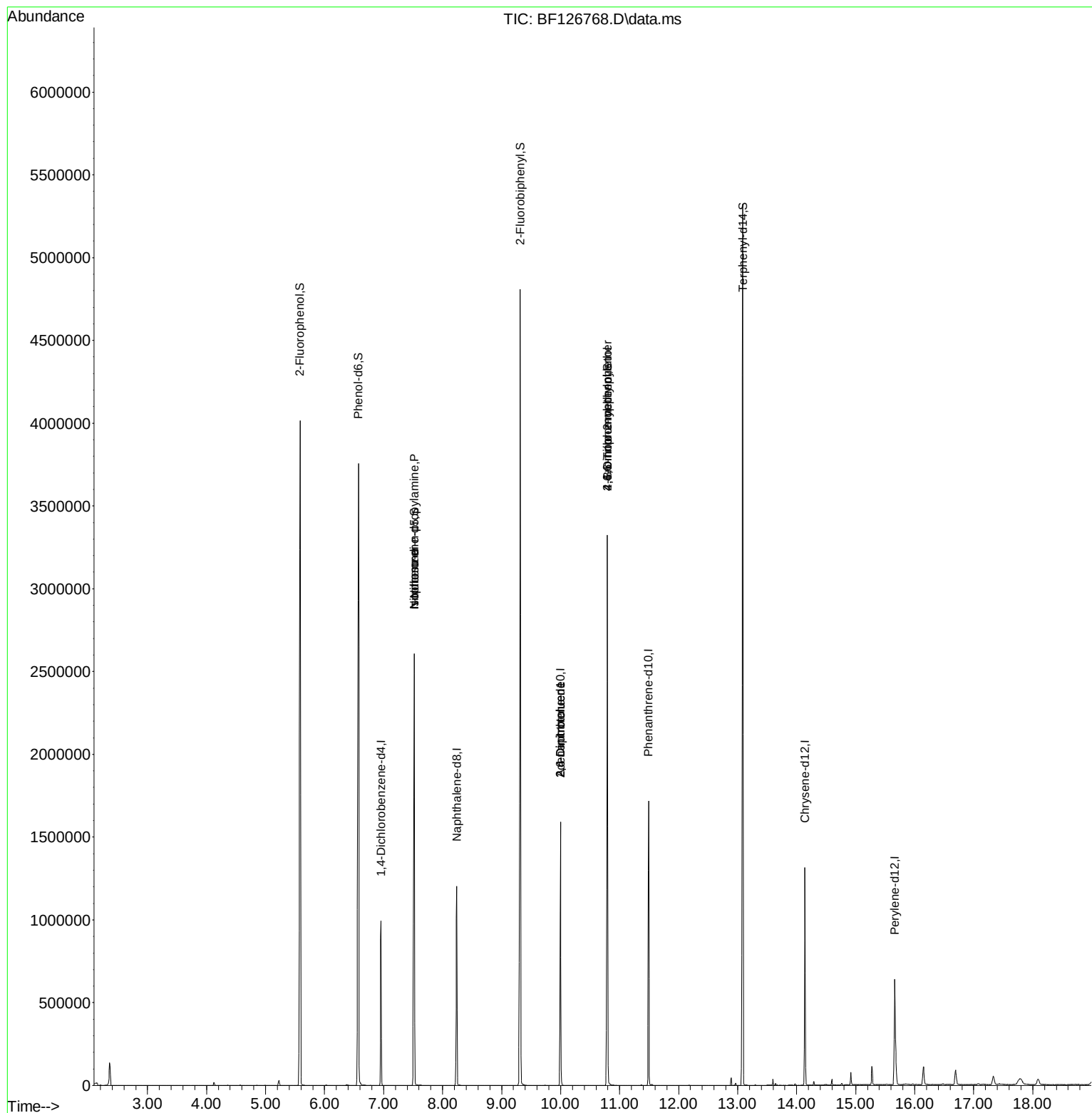
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	136331	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	553146	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	314528	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	565855	20.000	ng	0.00
76) Chrysene-d12	14.139	240	426107	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	289118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1216512	117.421	ng	0.02
7) Phenol-d6	6.575	99	1659103	115.260	ng	0.00
23) Nitrobenzene-d5	7.522	82	1212674	85.810	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	413739	140.560	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1597633	77.792	ng	0.00
79) Terphenyl-d14	13.086	244	1958532	77.093	ng	0.00
Target Compounds						
9) Benzaldehyde	6.581	77	2559	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	161316	15.355	ng	# 67
25) Isophorone	7.522	82	1199018	43.749	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	40641	10.543	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	40641	8.700	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	995	7.683	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	25988	3.985	ng	# 1

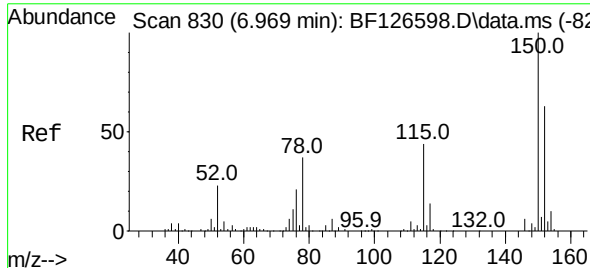
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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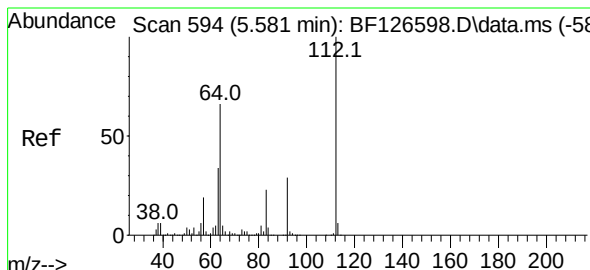
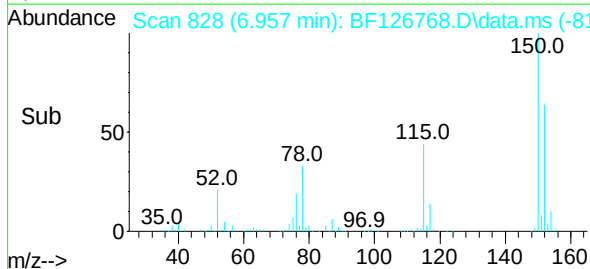
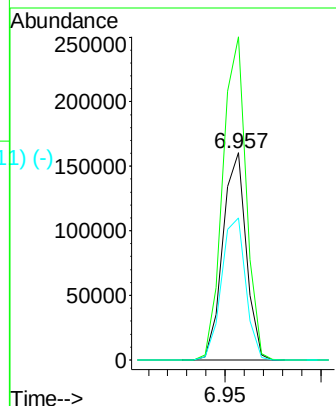
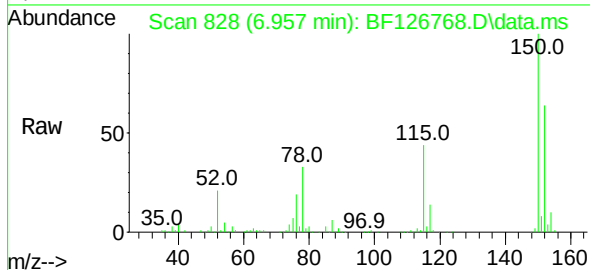




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF126768.D
Acq: 01 Feb 2022 11:52

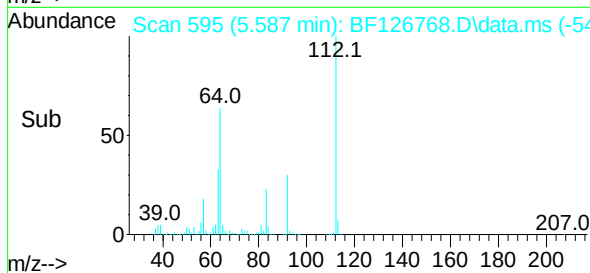
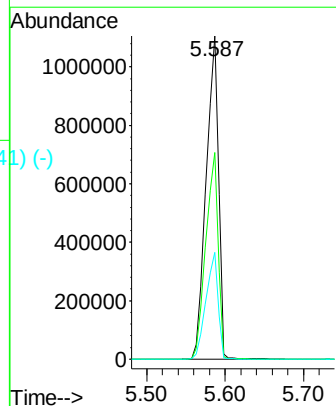
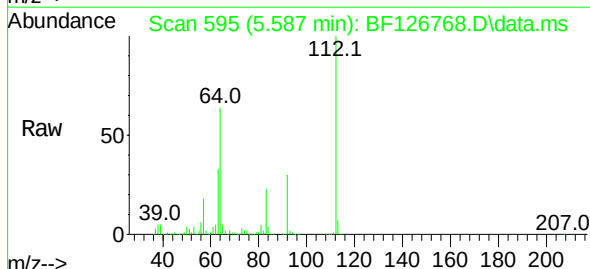
Instrument :
BNA_F
ClientSampleId :

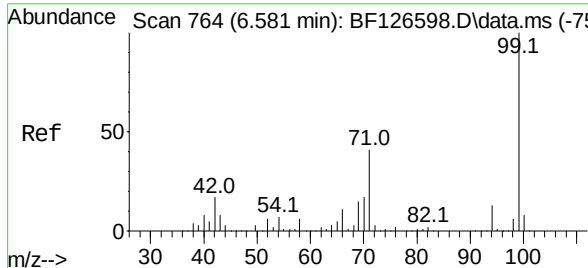
Tgt Ion:152 Resp: 136331
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 68.5 56.7 85.1



2-Fluorophenol
Concen: 117.421 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126768.D
Acq: 01 Feb 2022 11:52

Tgt Ion:112 Resp: 1216512
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 33.0 23.9 35.9

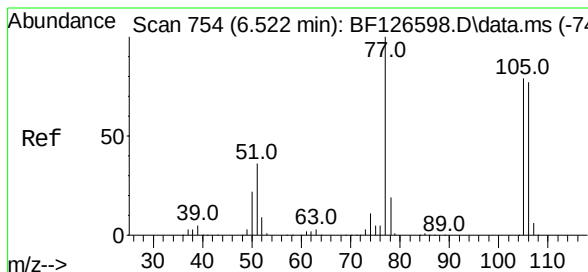
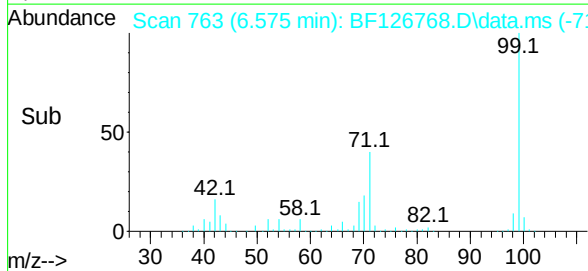
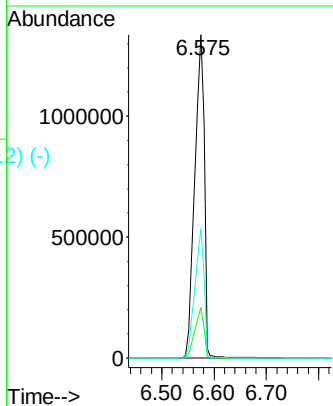
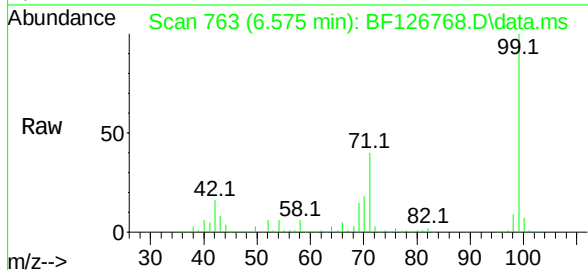




Phenol-d6
 Concen: 115.260 ng
 RT: 6.575 min Scan#
 Delta R.T. -0.000 min
 Lab File: BF126768.D
 Acq: 01 Feb 2022 11:52

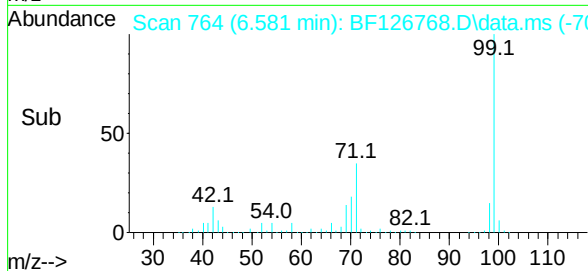
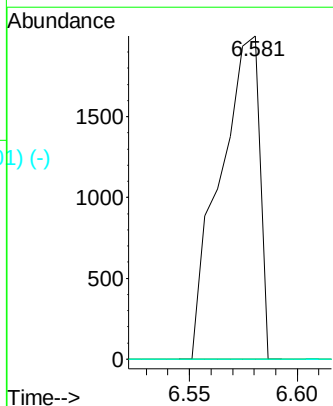
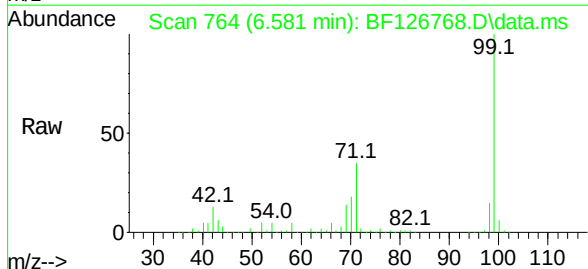
Instrument :
 BNA_F
 ClientSampleId :

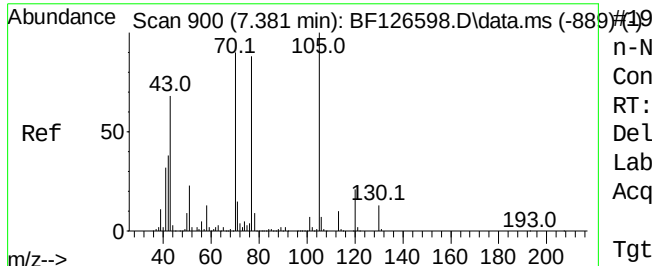
Tgt Ion: 99 Resp: 1659103
 Ion Ratio Lower Upper
 99 100
 42 15.6 14.2 21.4
 71 40.1 24.3 36.5#



Benzaldehyde
 Concen: Below Cal
 RT: 6.581 min Scan# 764
 Delta R.T. 0.071 min
 Lab File: BF126768.D
 Acq: 01 Feb 2022 11:52

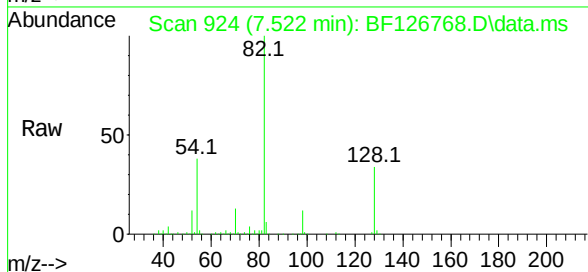
Tgt Ion: 77 Resp: 2559
 Ion Ratio Lower Upper
 77 100
 105 0.0 74.9 114.9#
 106 0.0 72.4 112.4#



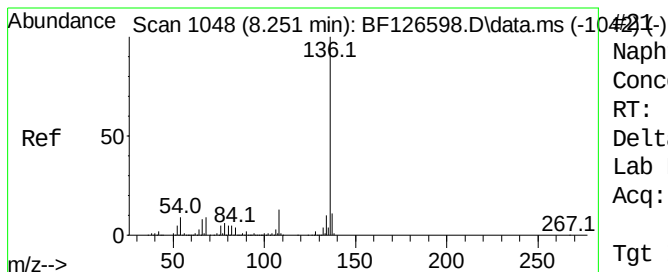
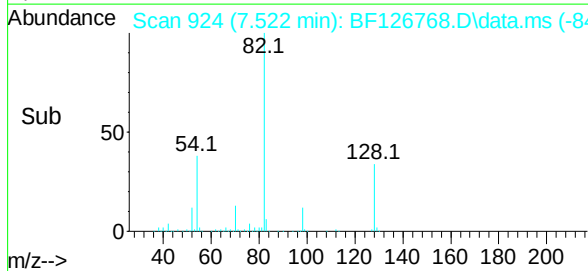
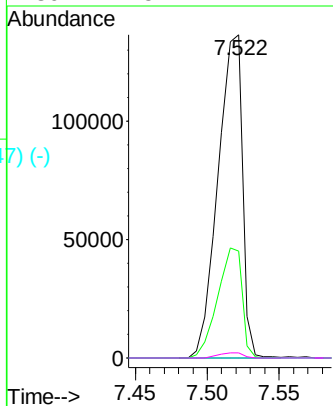


n-Nitroso-di-n-propylamine
 Concen: 15.355 ng
 RT: 7.522 min Scan# 919
 Delta R.T. 0.153 min
 Lab File: BF126768.D
 Acq: 01 Feb 2022 11:52

Instrument :
 BNA_F
 ClientSampleId :

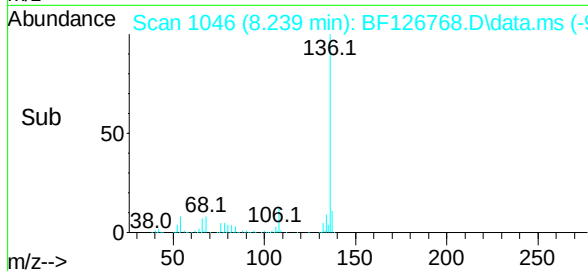
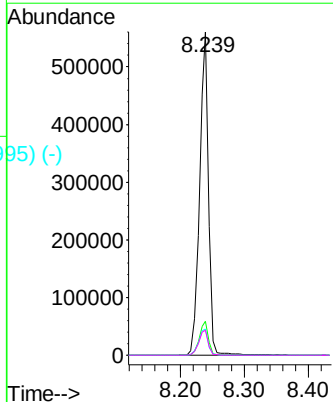
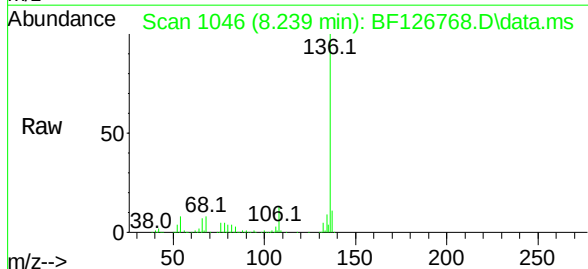


Tgt Ion:	70	Resp:	161316
Ion	Ratio	Lower	Upper
70	100		
42	33.1	45.8	68.8#
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#



Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.239 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: BF126768.D
 Acq: 01 Feb 2022 11:52

Tgt Ion:	136	Resp:	553146
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.1	7.8	11.6
68	7.7	6.3	9.5



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

Nitrobenzene-d5

Concen: 85.810 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.000 min

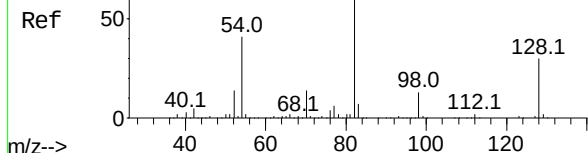
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

Instrument :

BNA_F

ClientSampleId :



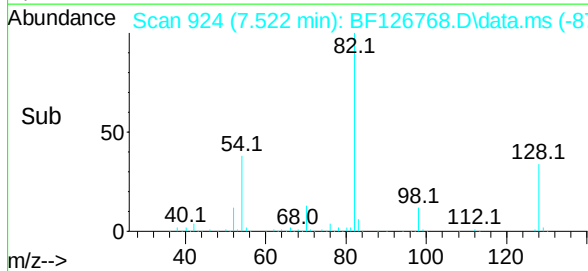
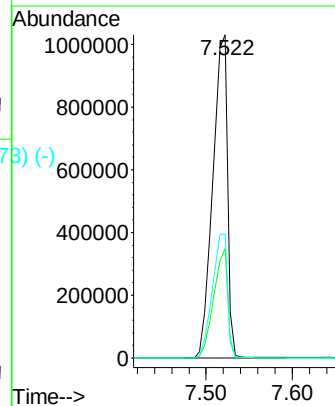
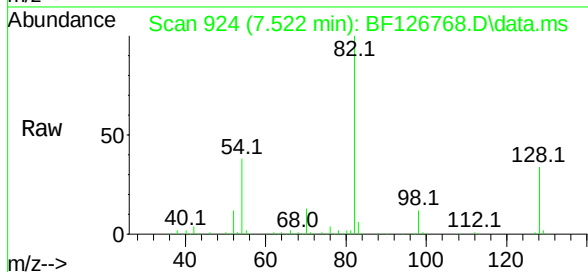
Tgt Ion: 82 Resp: 1212674

Ion Ratio Lower Upper

82 100

128 33.8 32.7 49.1

54 38.4 41.7 62.5#



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

Isophorone

Concen: 43.749 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

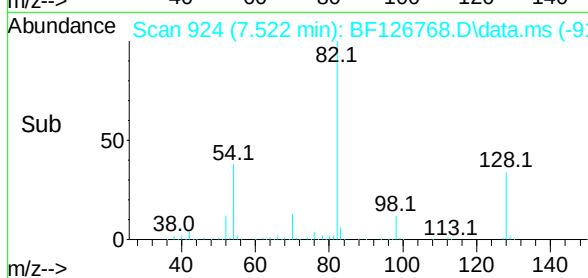
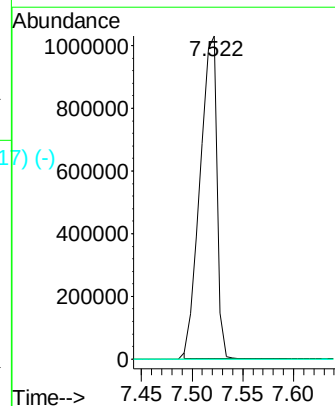
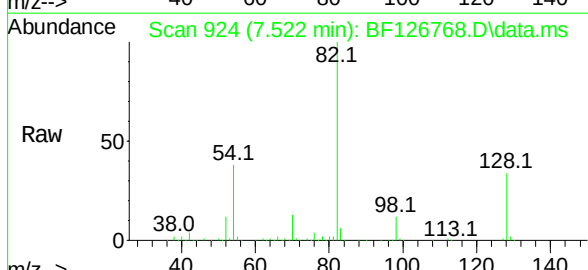
Tgt Ion: 82 Resp: 1199018

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

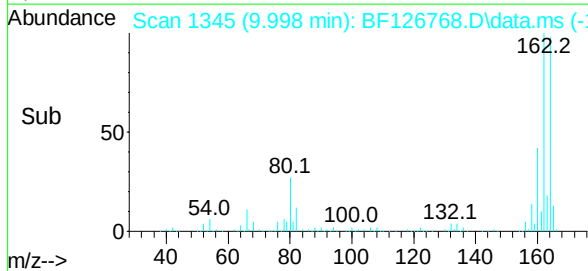
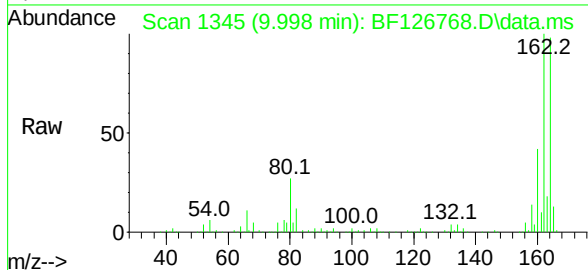
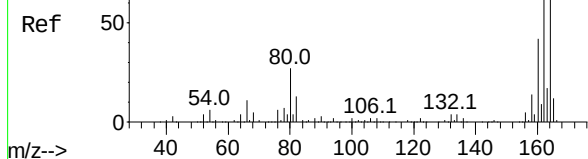
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

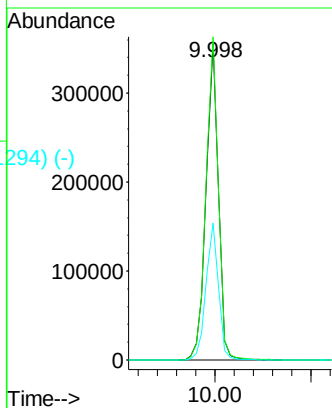
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	164	Resp:	314528
Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	43.3	36.6	54.8



Abundance Scan 1481 (10.798 min): BF126598.D\data.ms (-1473) (-)

2,4,6-Tribromophenol

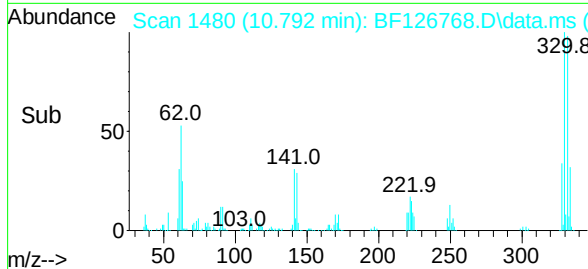
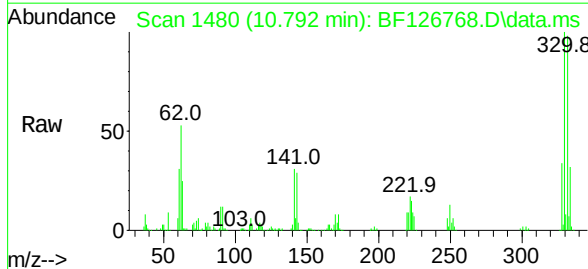
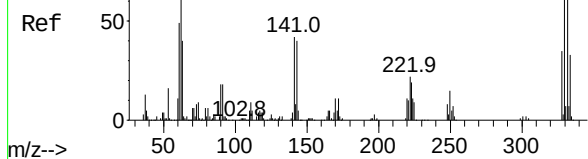
Concen: 140.560 ng

RT: 10.792 min Scan# 1480

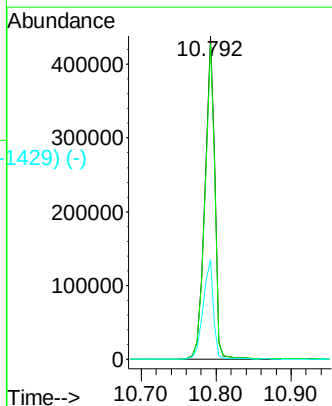
Delta R.T. -0.000 min

Lab File: BF126768.D

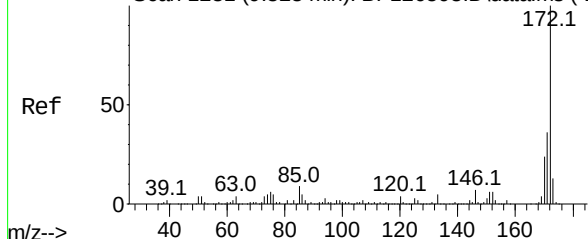
Acq: 01 Feb 2022 11:52



Tgt Ion:	330	Resp:	413739
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	31.8	30.1	45.1



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



2-Fluorobiphenyl

Concen: 77.792 ng

RT: 9.316 min Scan# 1178

Delta R.T. -0.000 min

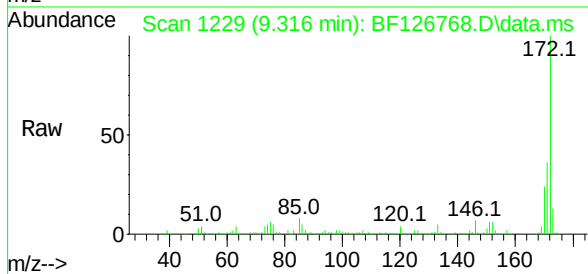
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

Instrument :

BNA_F

ClientSampleId :



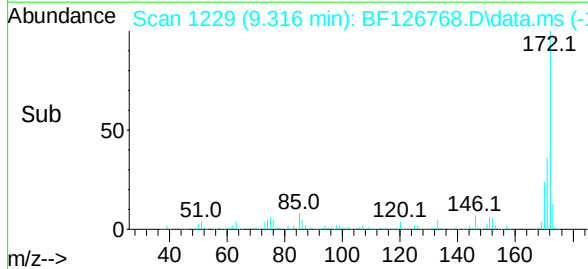
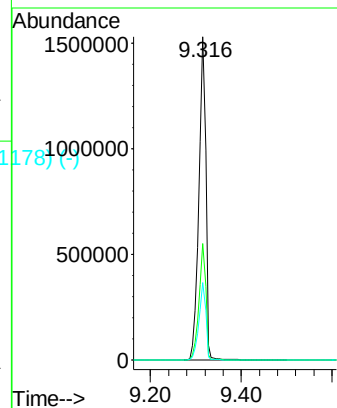
Tgt Ion:172 Resp: 1597633

Ion Ratio Lower Upper

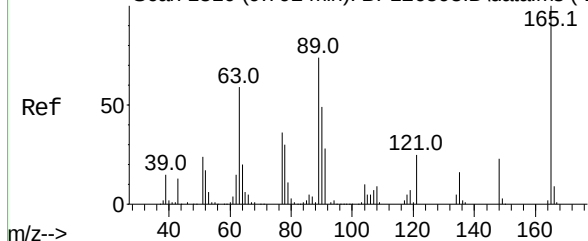
172 100

171 36.0 28.3 42.5

170 24.0 19.0 28.6



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



2,6-Dinitrotoluene

Concen: 10.543 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

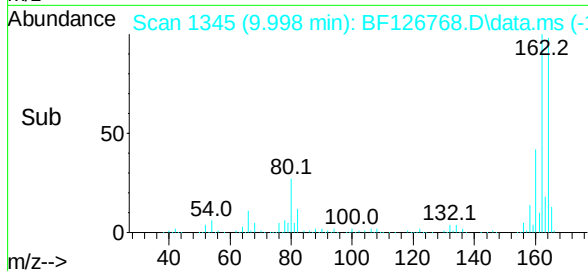
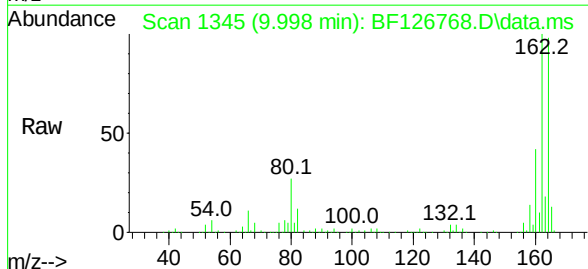
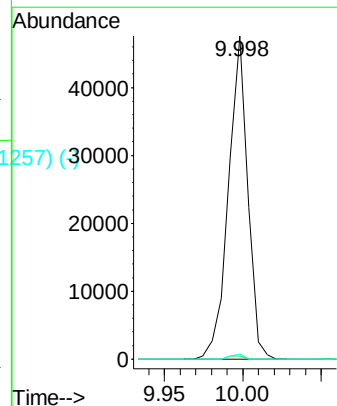
Tgt Ion:165 Resp: 40641

Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 1.6 50.5 75.7#



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

2,4-Dinitrotoluene

Concen: 8.700 ng

RT: 9.998 min Scan# 1599

Delta R.T. -0.188 min

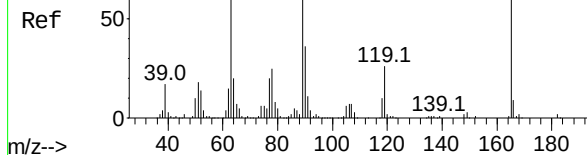
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 40641

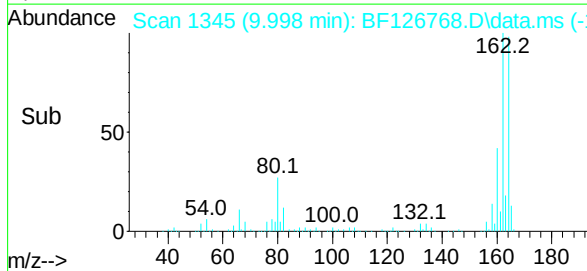
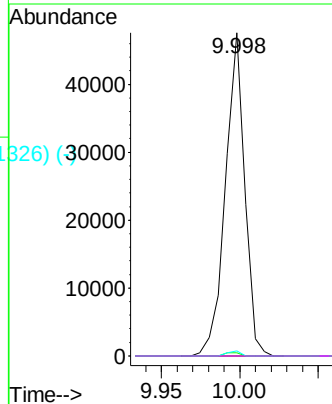
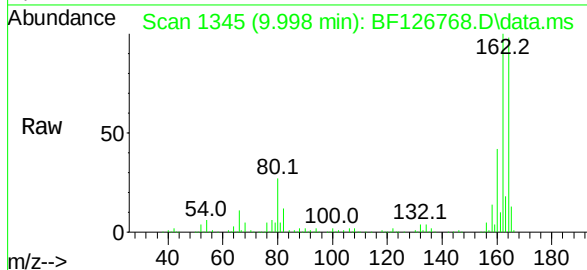
Ion Ratio Lower Upper

165 100

63 0.9 43.0 64.6#

89 1.6 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: BF126768.D

Acq: 01 Feb 2022 11:52

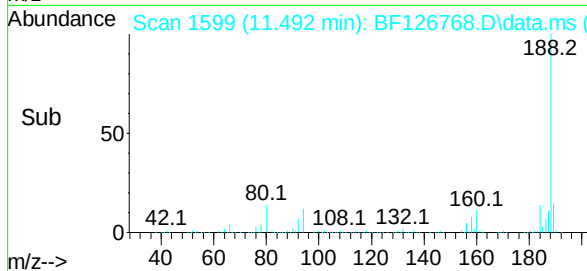
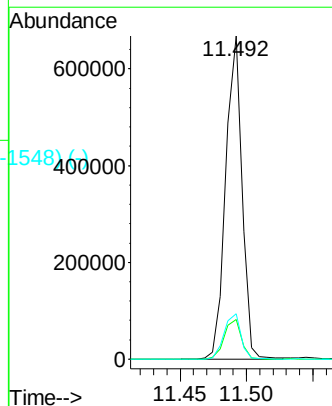
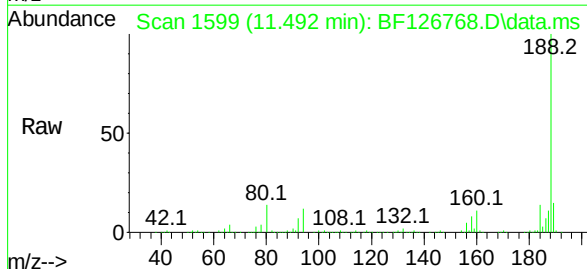
Tgt Ion:188 Resp: 565855

Ion Ratio Lower Upper

188 100

94 12.2 10.1 15.1

80 14.1 11.8 17.6



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

4,6-Dinitro-2-methylphenol

Concen: 7.683 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.200 min

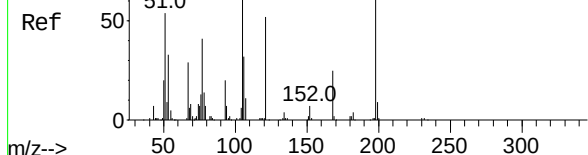
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

Instrument :

BNA_F

ClientSampleId :



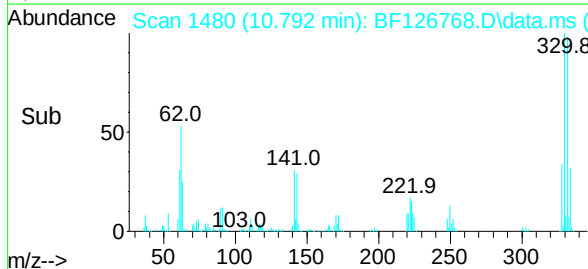
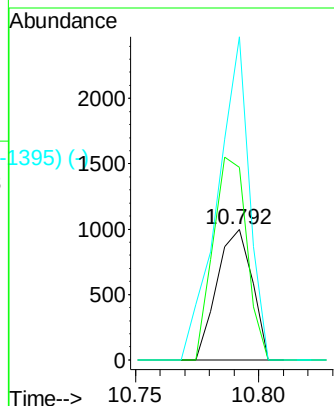
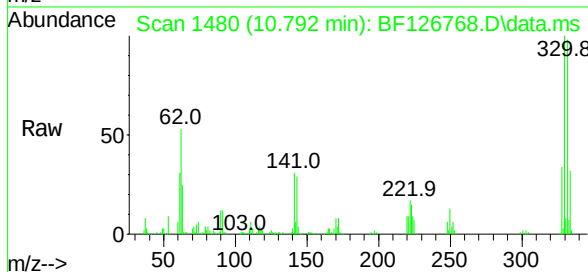
Tgt Ion:198 Resp: 995

Ion Ratio Lower Upper

198 100

51 147.4 32.0 72.0#

105 247.3 32.7 72.7#



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

4-Bromophenyl-phenylether

Concen: 3.985 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.241 min

Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

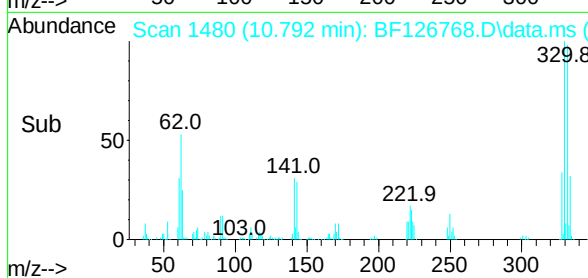
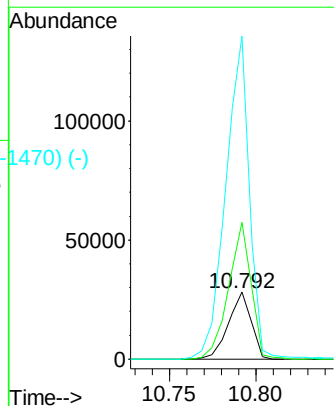
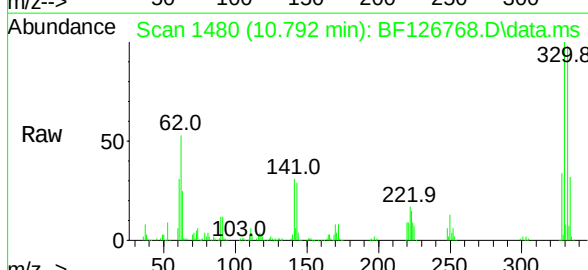
Tgt Ion:248 Resp: 25988

Ion Ratio Lower Upper

248 100

250 204.2 76.2 114.4#

141 482.8 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

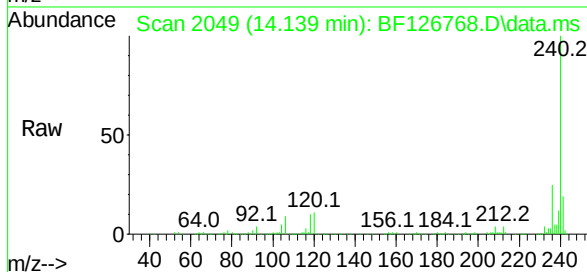
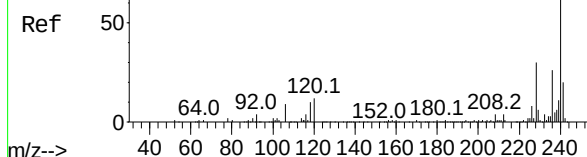
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

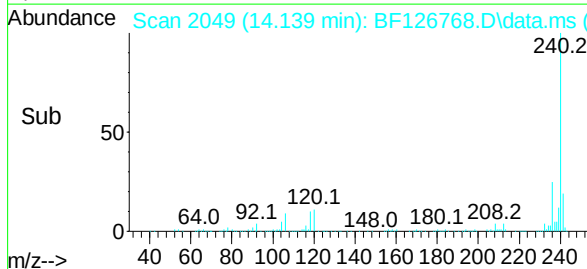
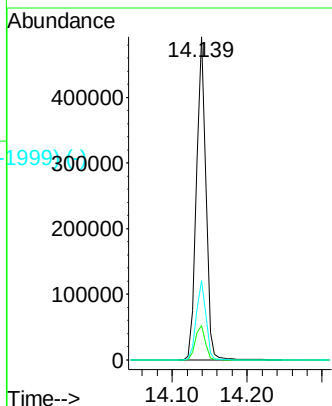
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	240	Resp:	426107
Ion Ratio	Lower	Upper	
240	100		
120	10.7	14.4	21.6#
236	24.6	20.5	30.7



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

Terphenyl-d14

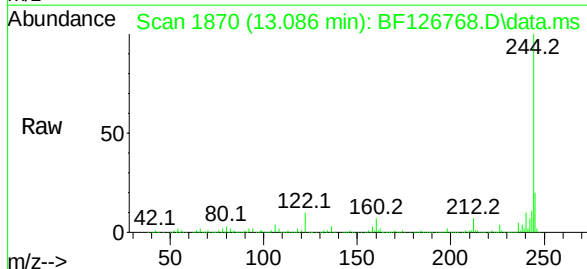
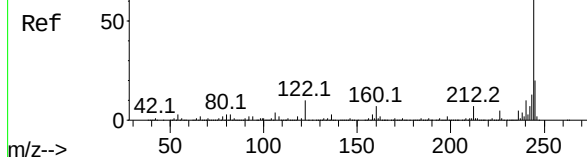
Concen: 77.093 ng

RT: 13.086 min Scan# 1870

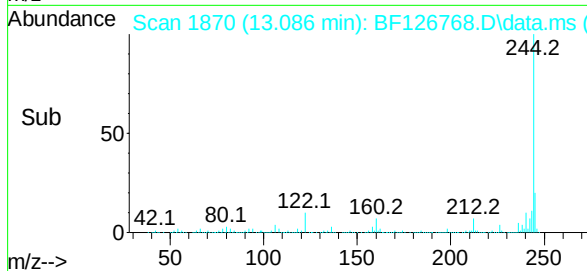
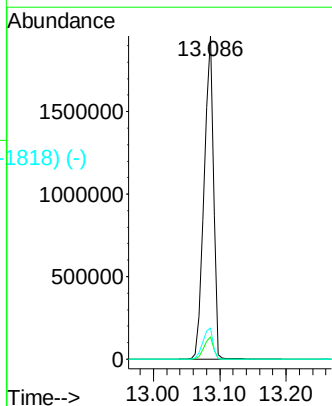
Delta R.T. 0.006 min

Lab File: BF126768.D

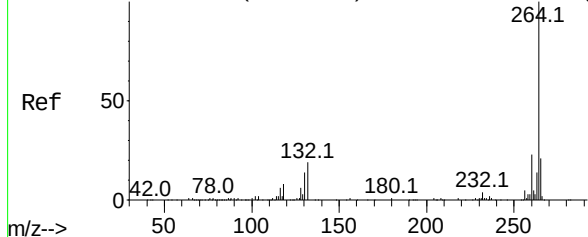
Acq: 01 Feb 2022 11:52



Tgt Ion:	244	Resp:	1958532
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.0	7.4
122	9.6	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

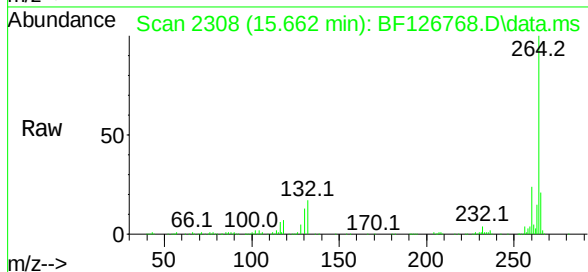
Lab File: BF126768.D

Acq: 01 Feb 2022 11:52

Instrument :

BNA_F

ClientSampleId :



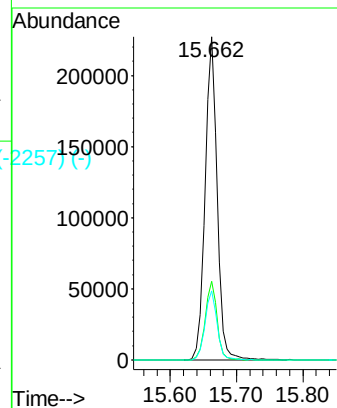
Tgt Ion:264 Resp: 289118

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 17.4 26.2



Abundance Scan 2308 (15.662 min): BF126768.D\data.ms (-2257)

