

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126757.D
 Acq On : 31 Jan 2022 18:01
 Operator : CG/JU
 Sample : N1335-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3S

Quant Time: Feb 01 02:42:07 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)

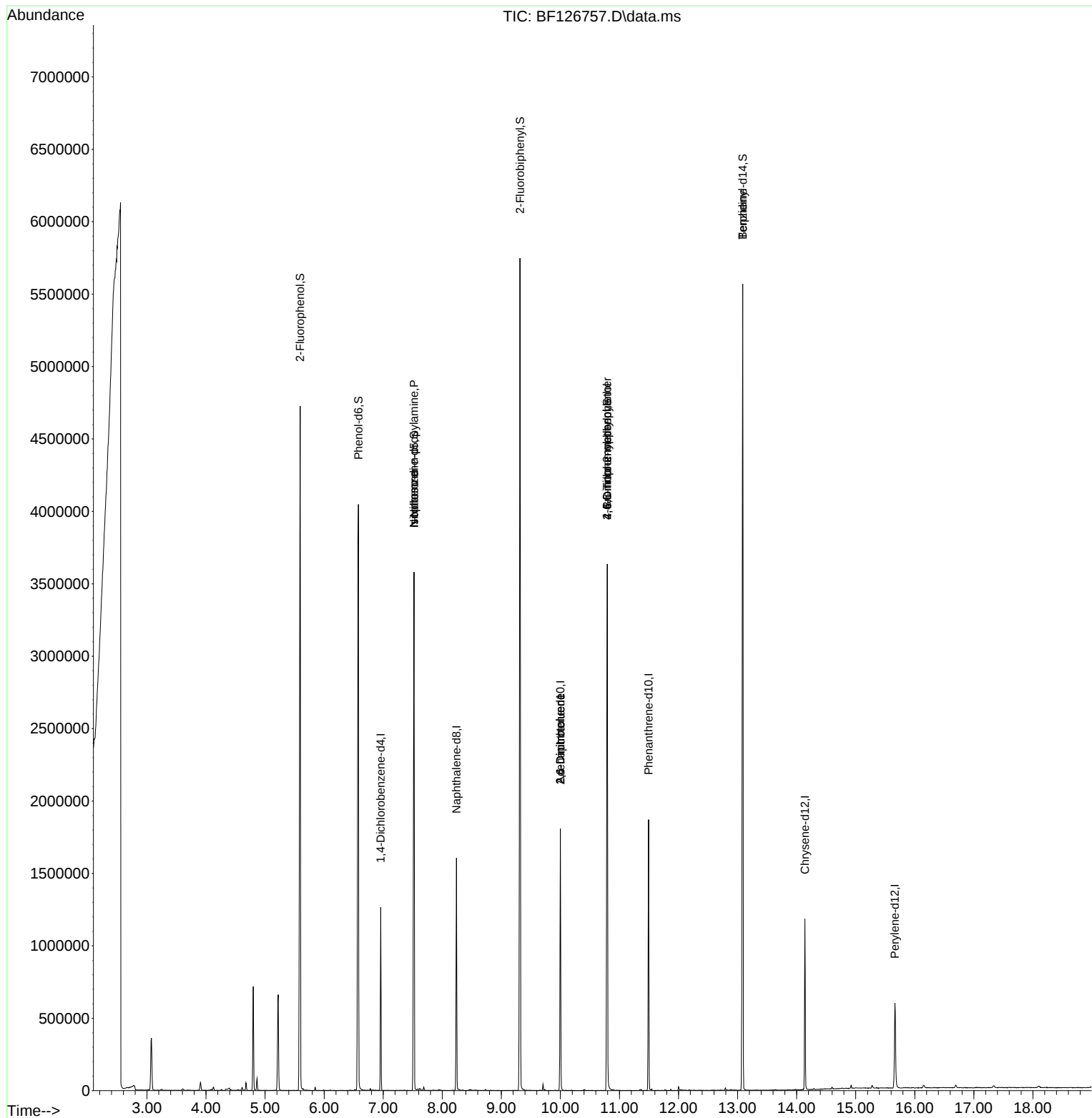
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	153007	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	606473	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	343860	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	585069	20.000	ng	0.00
76) Chrysene-d12	14.139	240	372398	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	284892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1360109	116.973	ng	0.02
7) Phenol-d6	6.581	99	1709603	105.824	ng	0.00
23) Nitrobenzene-d5	7.522	82	1435245	92.629	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	450493	139.992	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1836368	81.789	ng	0.00
79) Terphenyl-d14	13.086	244	2093727	94.300	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	572	Below Cal		Qvalue 90
19) n-Nitroso-di-n-propyla...	7.522	70	189936	16.109	ng	# 68
25) Isophorone	7.522	82	1427528	47.507	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44054	10.453	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44054	8.627	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	852	7.630	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	28205	4.183	ng	# 1
77) Benzidine	13.086	184	26421	2.057	ng	96

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

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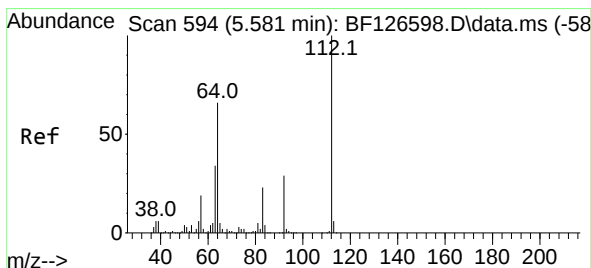
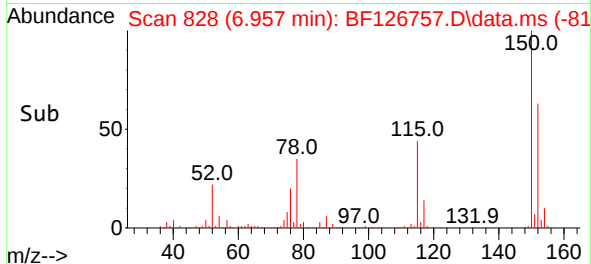
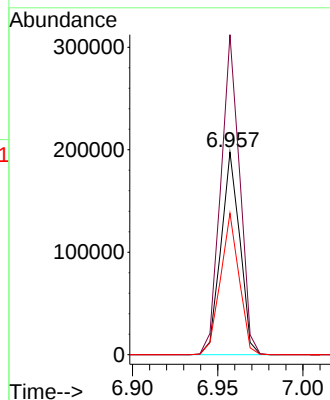
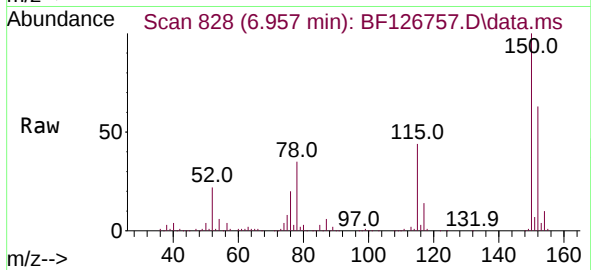




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

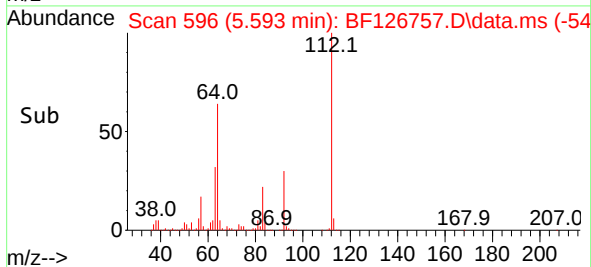
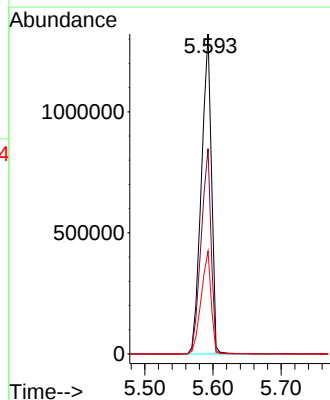
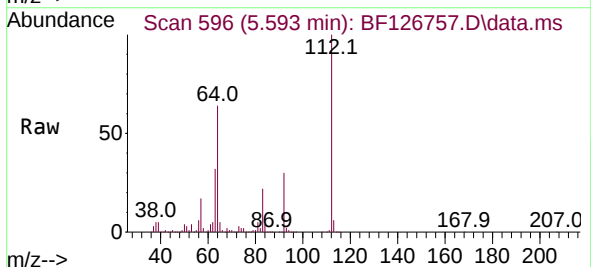
Instrument :
BNA_F
ClientSampleId :
MH-3S

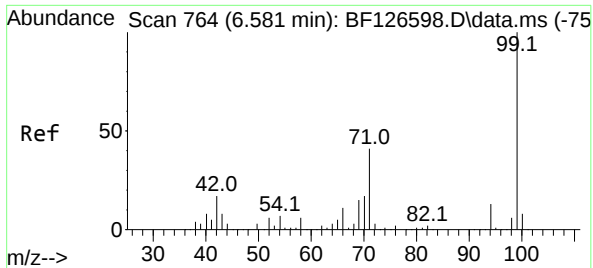
Tgt Ion:152 Resp: 153007
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 116.973 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion:112 Resp: 1360109
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 32.1 23.9 35.9

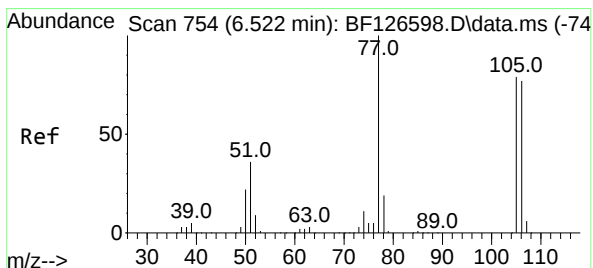
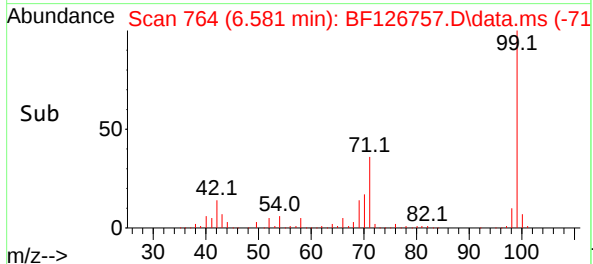
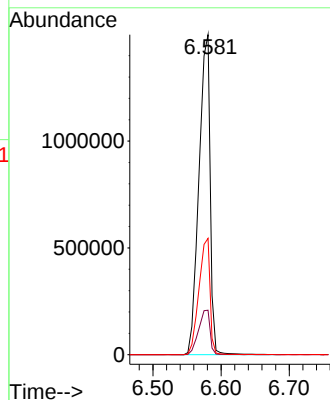
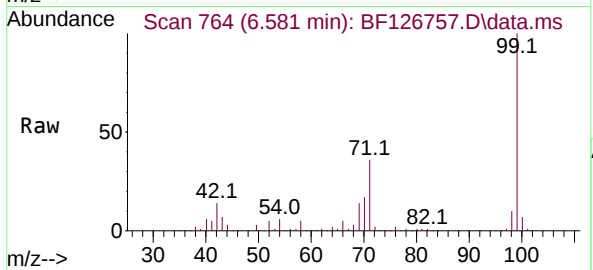




#7
Phenol-d6
Concen: 105.824 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

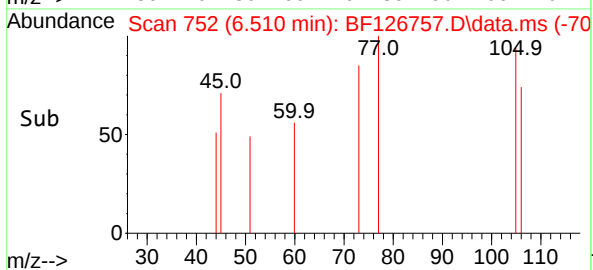
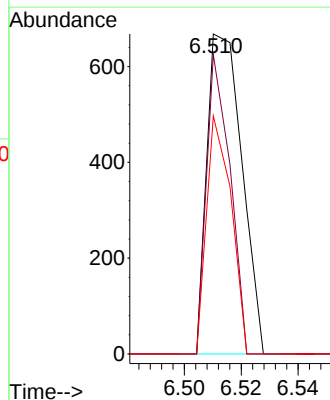
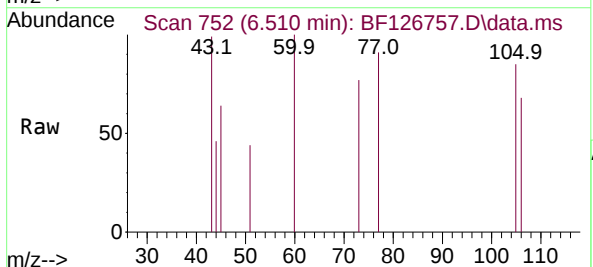
Instrument :
BNA_F
ClientSampleId :
MH-3S

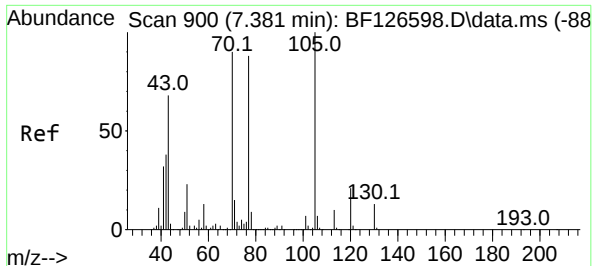
Tgt Ion: 99 Resp: 1709603
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 36.4 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion: 77 Resp: 572
Ion Ratio Lower Upper
77 100
105 93.6 74.9 114.9
106 74.4 72.4 112.4

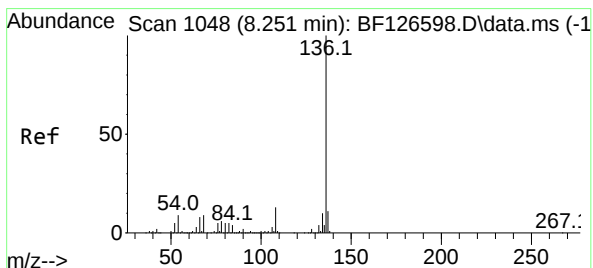
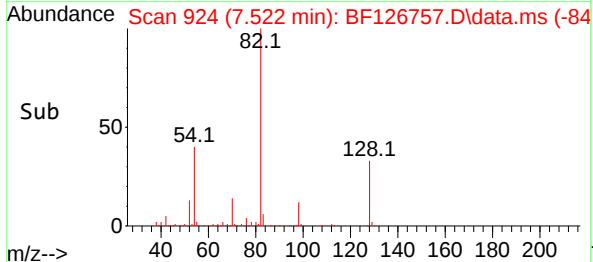
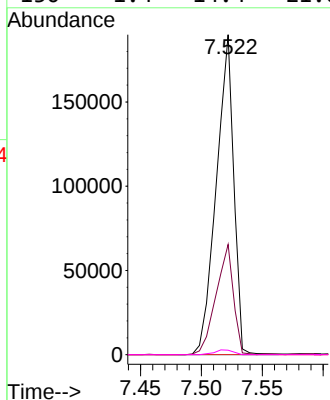
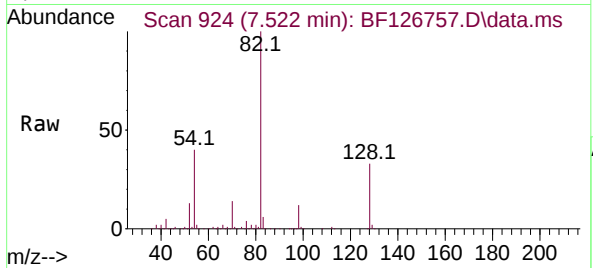




#19
n-Nitroso-di-n-propylamine
Concen: 16.109 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

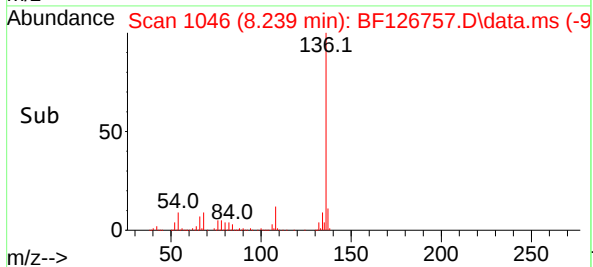
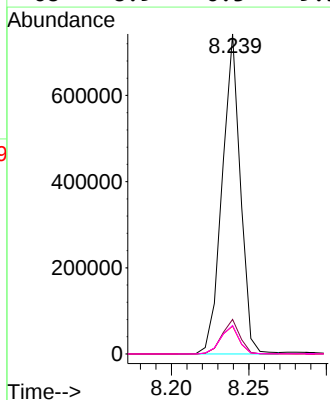
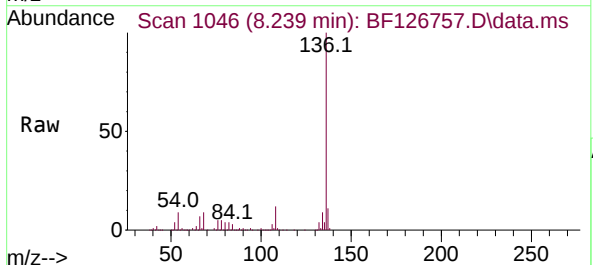
Instrument :
BNA_F
ClientSampleId :
MH-3S

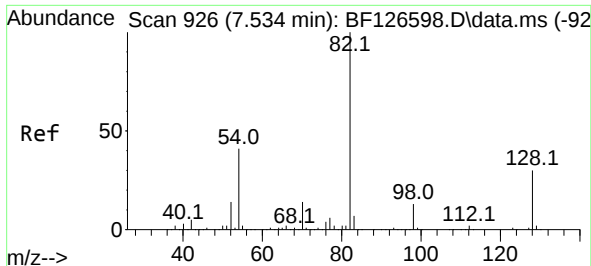
Tgt Ion: 70 Resp: 189936
Ion Ratio Lower Upper
70 100
42 34.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion: 136 Resp: 606473
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 8.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 92.629 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

Instrument :

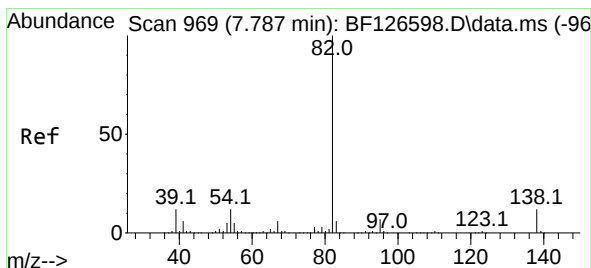
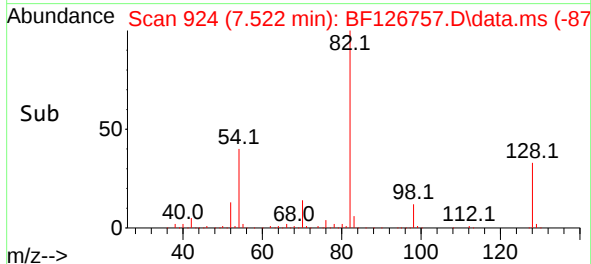
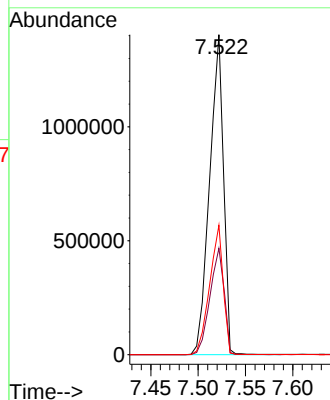
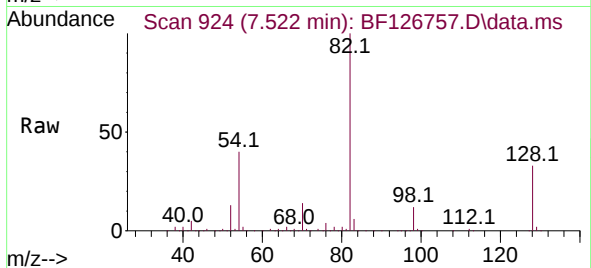
BNA_F

ClientSampleId :

MH-3S

Tgt Ion: 82 Resp: 1435245

Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.7	49.1
54	40.4	41.7	62.5#



#25

Isophorone

Concen: 47.507 ng

RT: 7.522 min Scan# 924

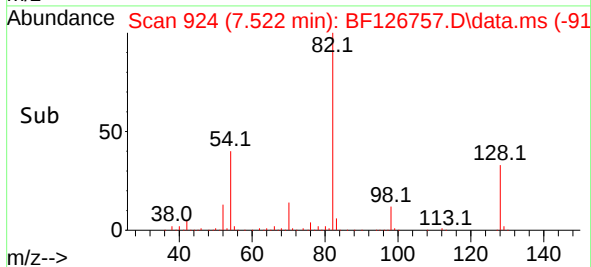
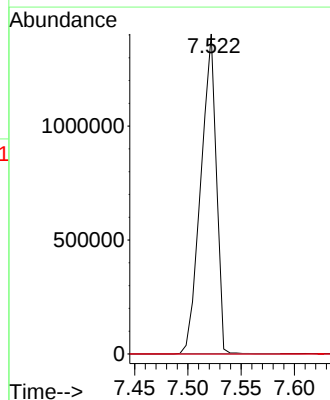
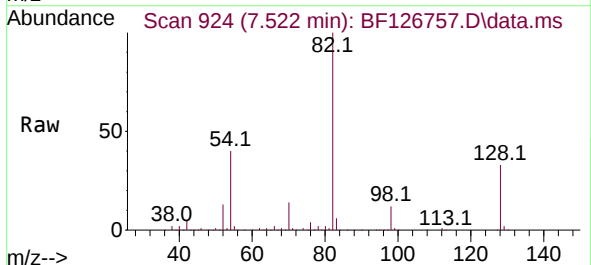
Delta R.T. -0.259 min

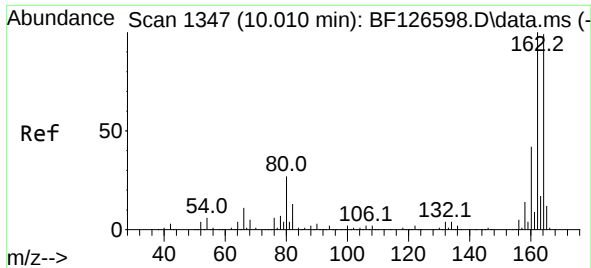
Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

Tgt Ion: 82 Resp: 1427528

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#

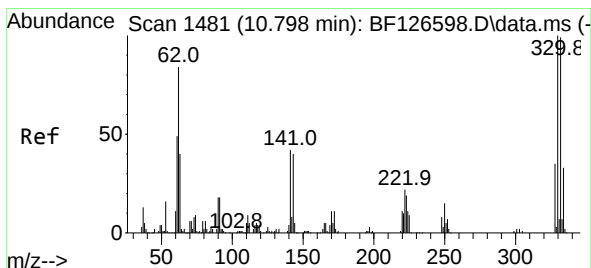
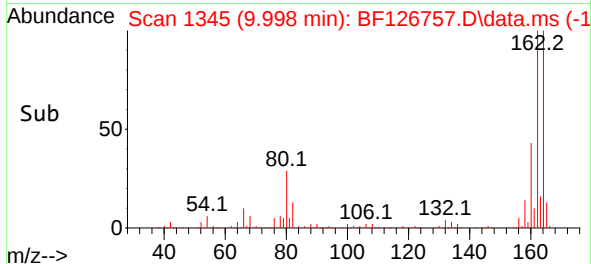
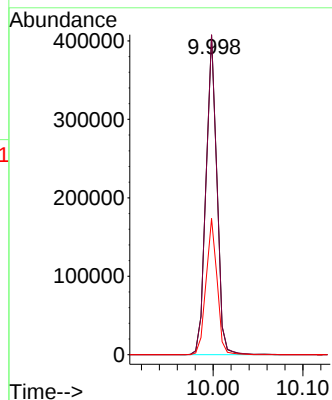
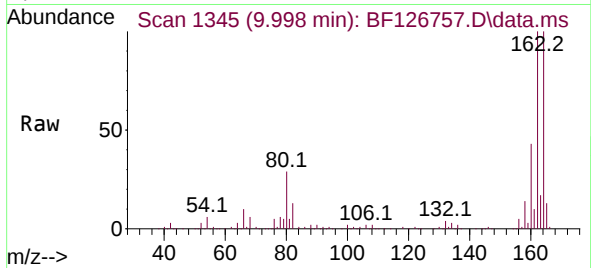




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

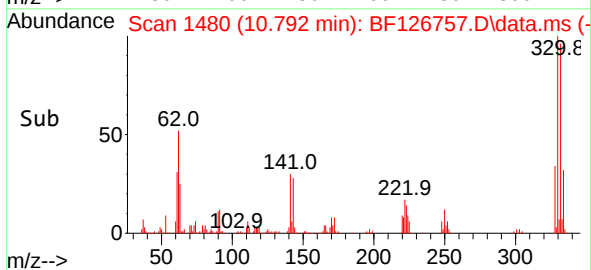
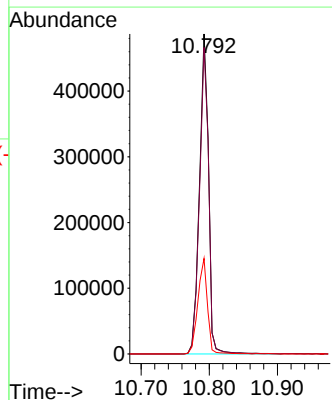
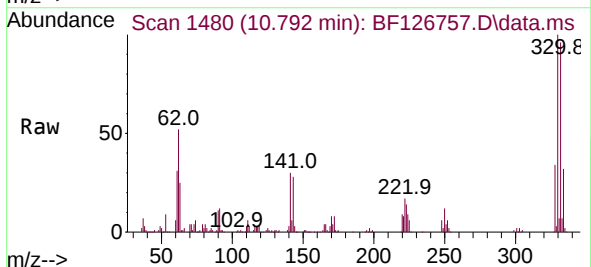
Instrument :
BNA_F
ClientSampleId :
MH-3S

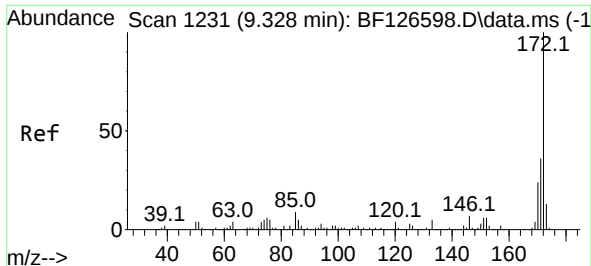
Tgt Ion:164 Resp: 343860
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 42.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.992 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion:330 Resp: 450493
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 31.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.789 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

Instrument :

BNA_F

ClientSampleId :

MH-3S

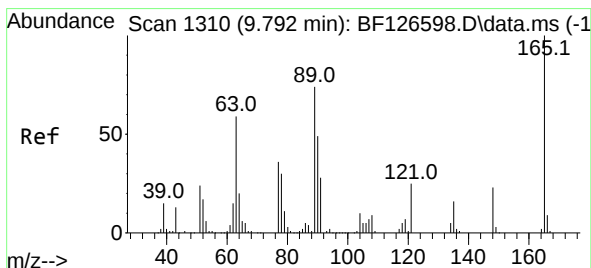
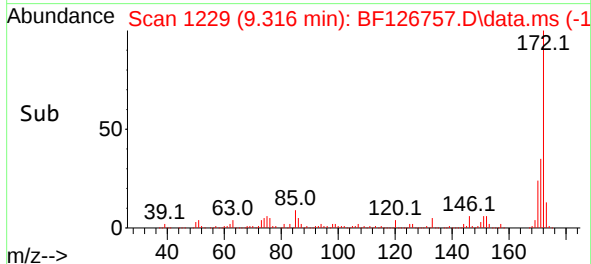
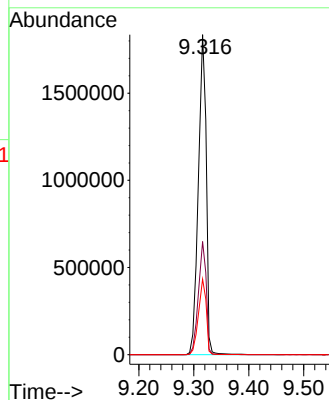
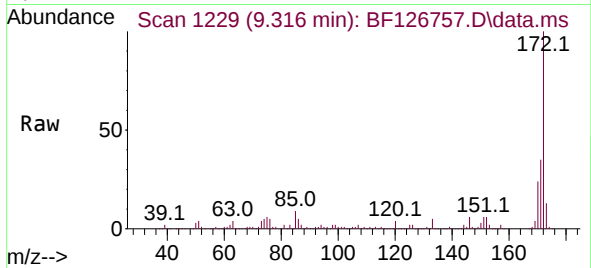
Tgt Ion:172 Resp: 1836368

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.453 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

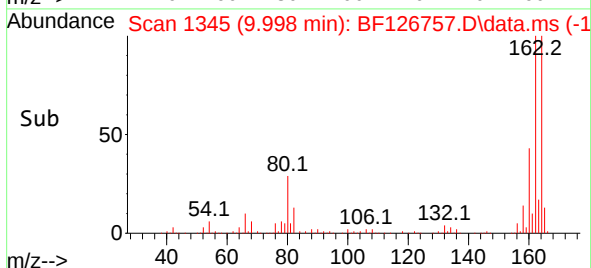
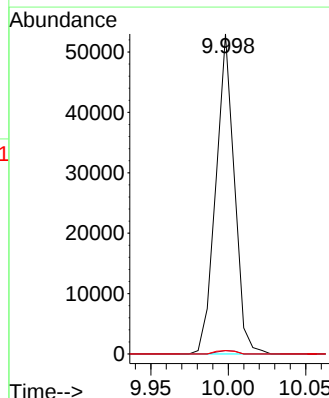
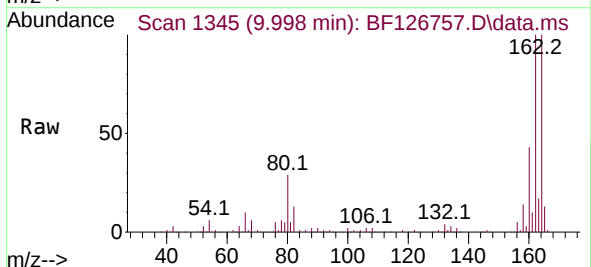
Tgt Ion:165 Resp: 44054

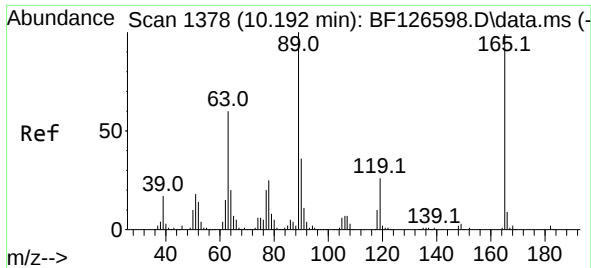
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.0 50.5 75.7#

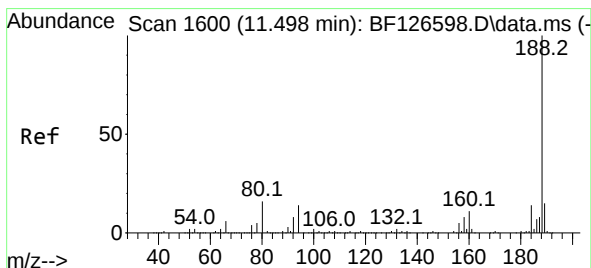
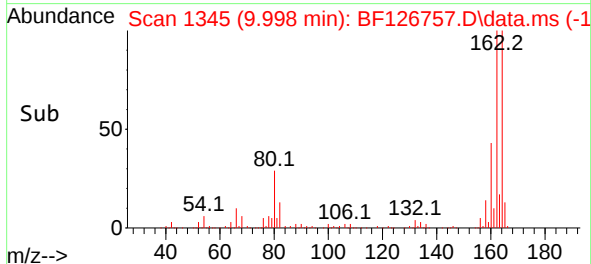
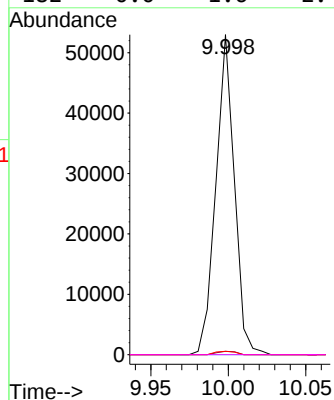
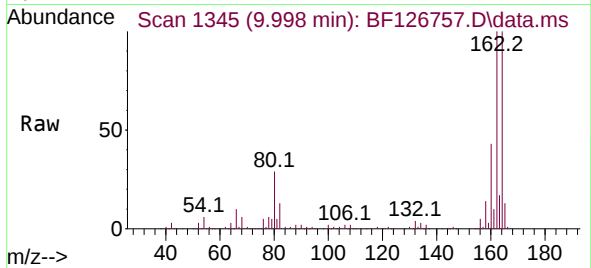




#57
2,4-Dinitrotoluene
Concen: 8.627 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

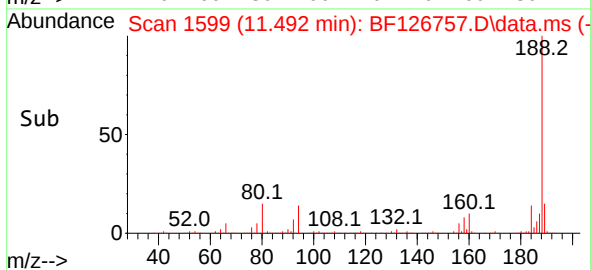
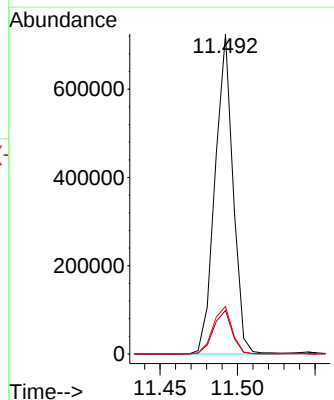
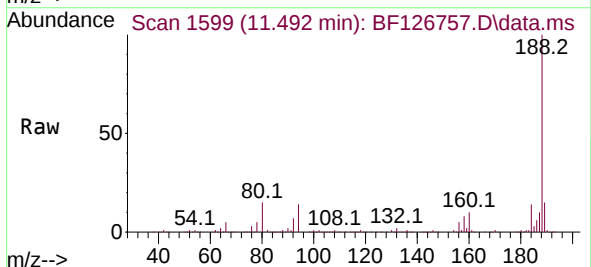
Instrument :
BNA_F
ClientSampleId :
MH-3S

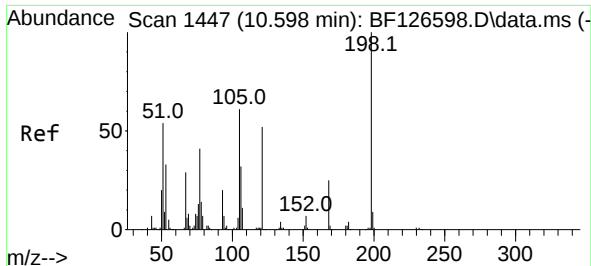
Tgt Ion:165 Resp: 44054
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion:188 Resp: 585069
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 14.9 11.8 17.6

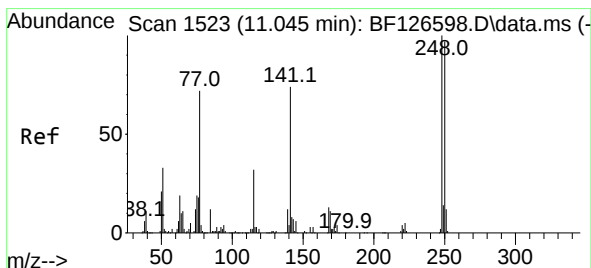
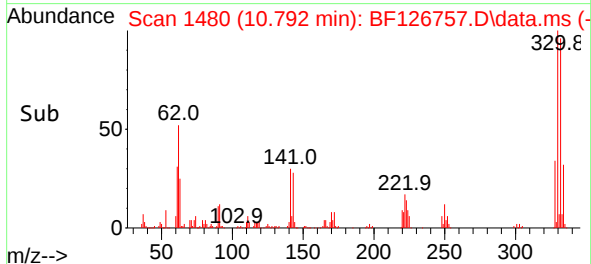
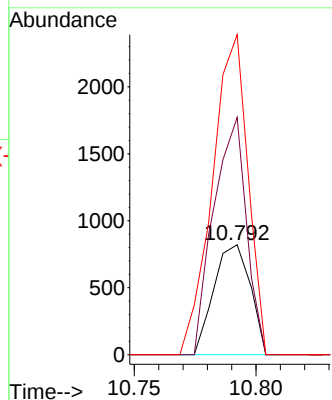
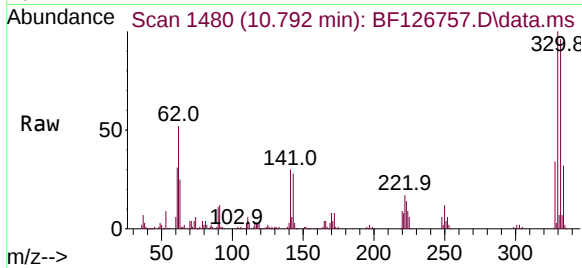




#65
4,6-Dinitro-2-methylphenol
Concen: 7.630 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

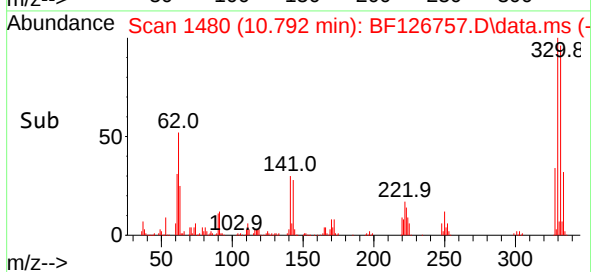
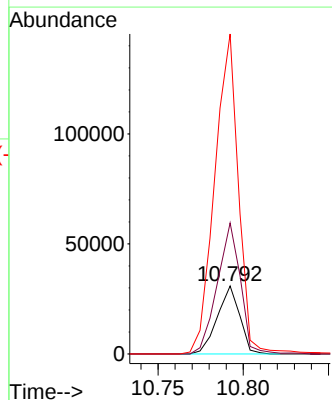
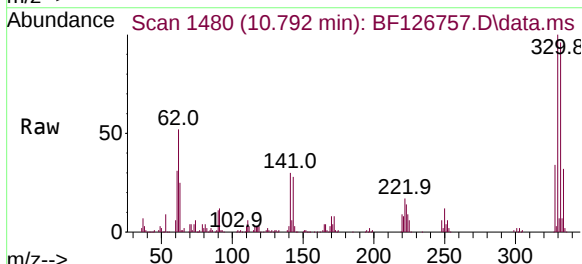
Instrument :
BNA_F
ClientSampleId :
MH-3S

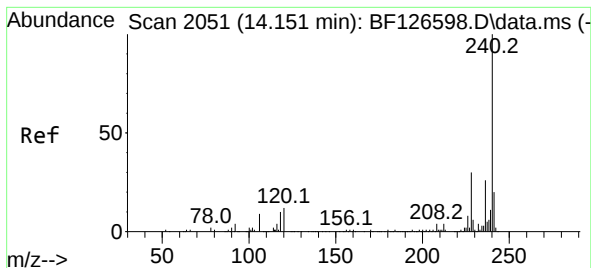
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 215.8 32.0 72.0#
105 291.1 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.183 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126757.D
Acq: 31 Jan 2022 18:01

Tgt Ion:248 Resp: 28205
Ion Ratio Lower Upper
248 100
250 192.7 76.2 114.4#
141 470.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

Instrument :

BNA_F

ClientSampleId :

MH-3S

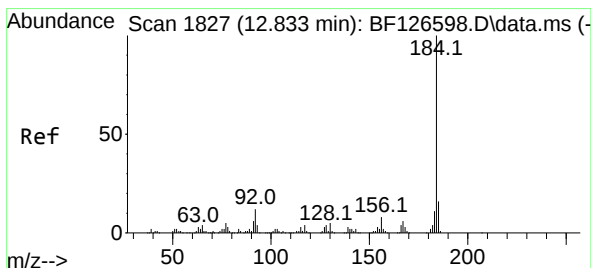
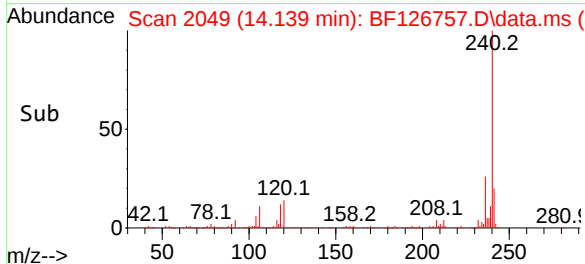
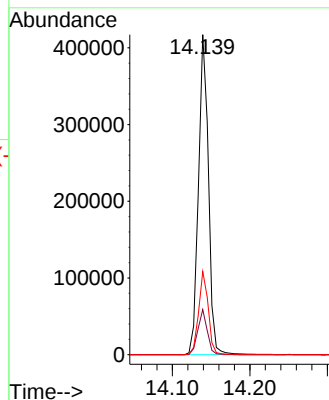
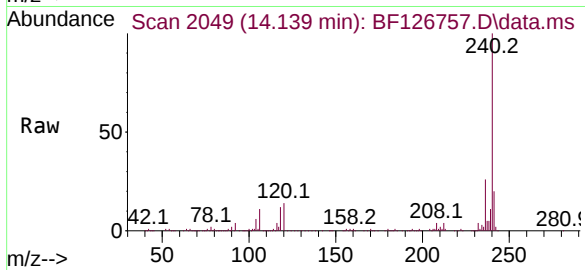
Tgt Ion:240 Resp: 372398

Ion Ratio Lower Upper

240 100

120 14.1 14.4 21.6#

236 26.0 20.5 30.7



#77

Benidine

Concen: 2.057 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.259 min

Lab File: BF126757.D

Acq: 31 Jan 2022 18:01

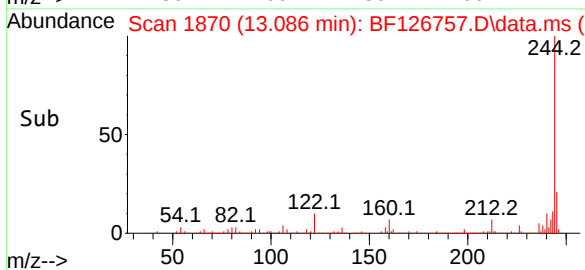
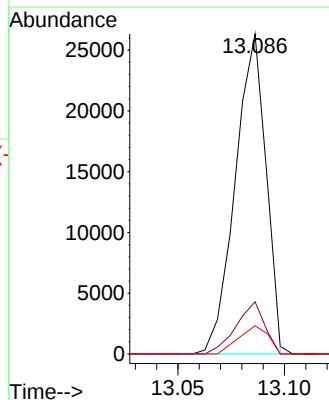
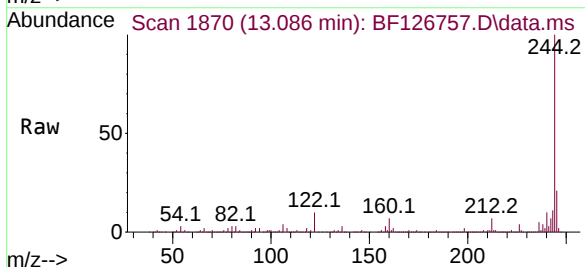
Tgt Ion:184 Resp: 26421

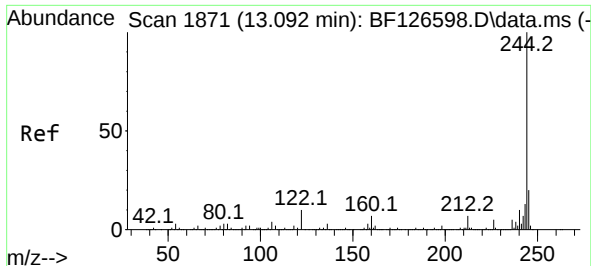
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

183 8.8 8.2 12.2

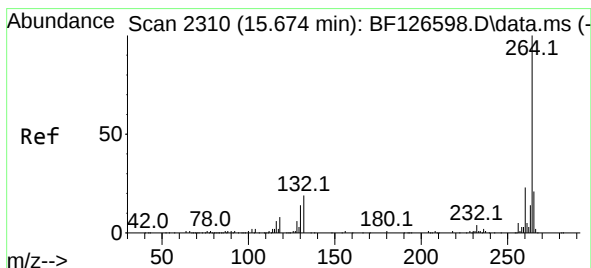
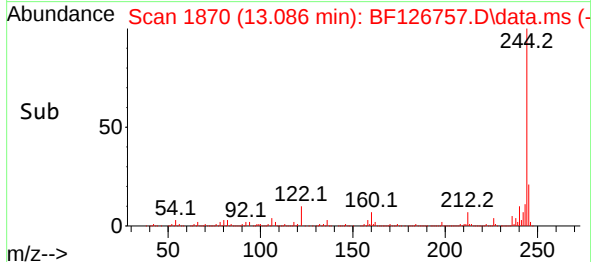
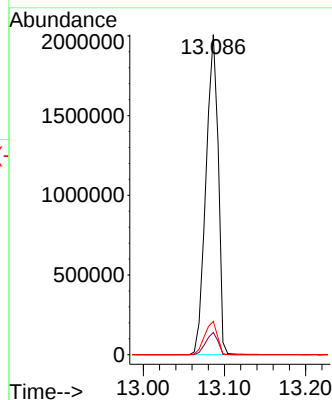
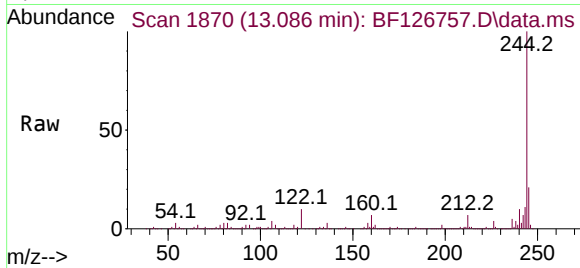




#79
 Terphenyl-d14
 Concen: 94.300 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126757.D
 Acq: 31 Jan 2022 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-3S

Tgt Ion:244 Resp: 2093727
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2308
 Delta R.T. 0.000 min
 Lab File: BF126757.D
 Acq: 31 Jan 2022 18:01

Tgt Ion:264 Resp: 284892
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.1 17.4 26.2

