

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126754.D
 Acq On : 31 Jan 2022 16:40
 Operator : CG/JU
 Sample : N1319-02RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Quant Time: Feb 01 02:41:40 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)

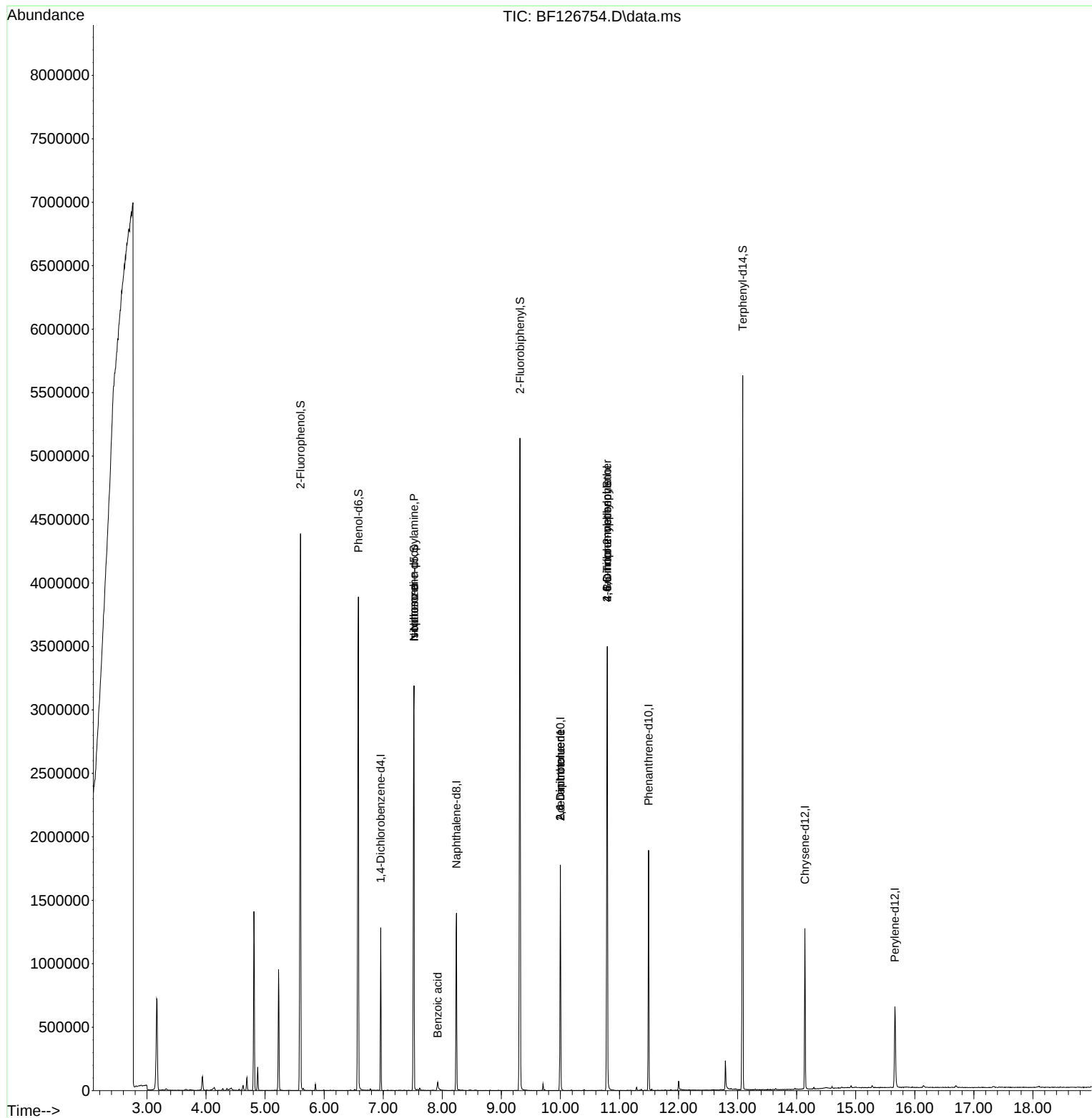
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	150458	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	607795	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	342078	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	587614	20.000	ng	0.00
76) Chrysene-d12	14.139	240	394819	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	295041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1252847	109.574	ng	0.03
7) Phenol-d6	6.581	99	1541049	97.007	ng	0.00
23) Nitrobenzene-d5	7.522	82	1322826	85.188	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	434683	135.782	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1732499	77.565	ng	0.00
79) Terphenyl-d14	13.086	244	1977260	83.998	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	649	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.522	70	176495	15.222	ng	# 65
25) Isophorone	7.522	82	1315071	43.669	ng	# 69
32) Benzoic acid	7.922	122	18566	3.298	ng	# 78
51) 2,6-Dinitrotoluene	9.998	165	43824	10.453	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	43824	8.626	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	876	7.636	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26693	3.941	ng	# 1

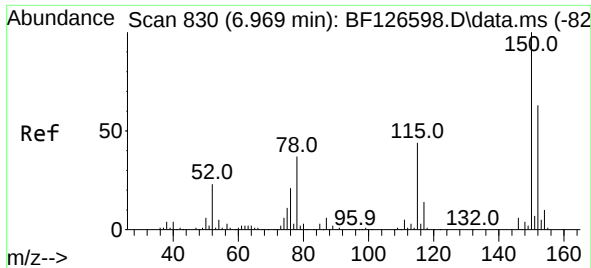
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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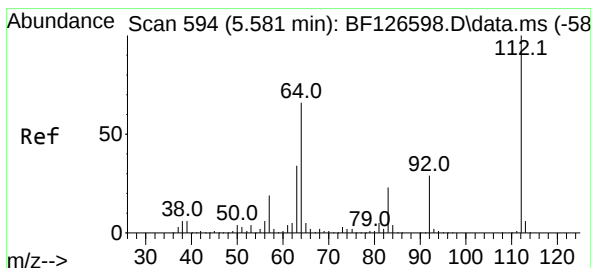
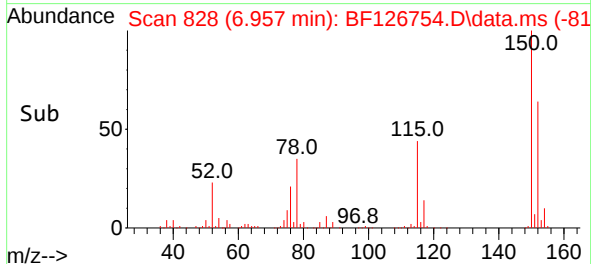
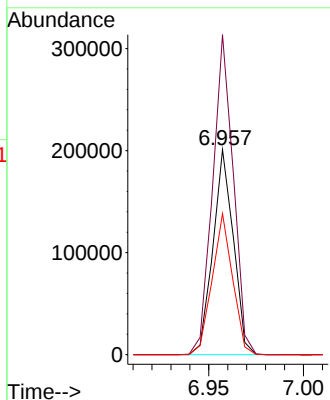
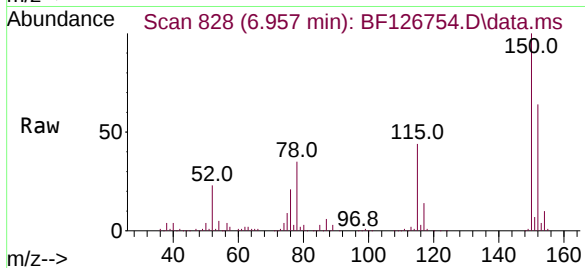




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

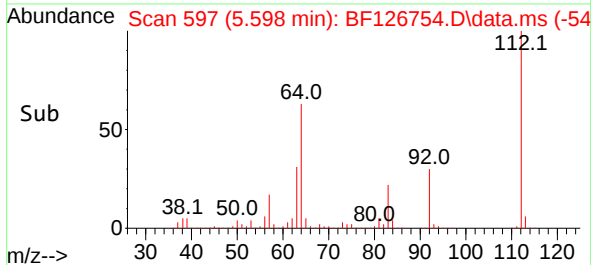
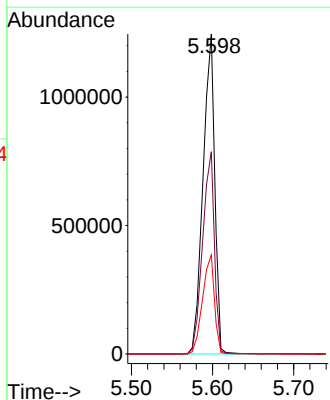
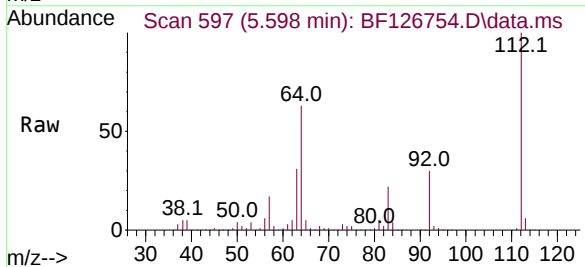
Instrument :
BNA_F
ClientSampleId :
MH-1S

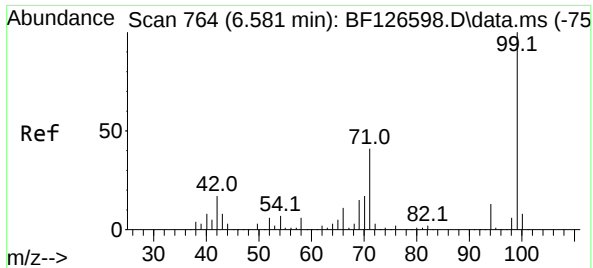
Tgt Ion:152 Resp: 150458
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 109.574 ng
RT: 5.598 min Scan# 597
Delta R.T. 0.030 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

Tgt Ion:112 Resp: 1252847
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 30.9 23.9 35.9

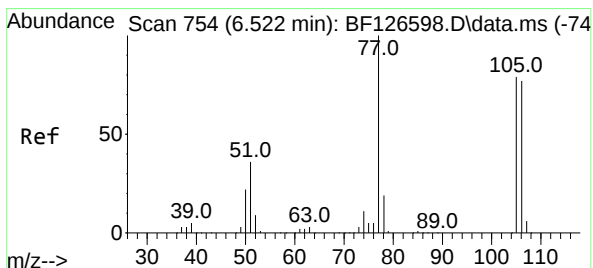
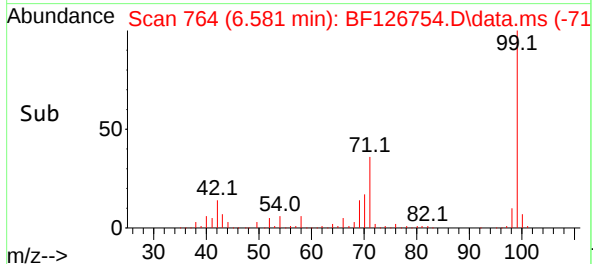
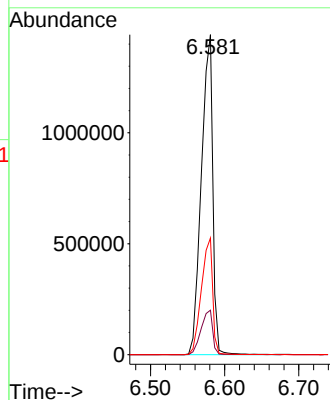
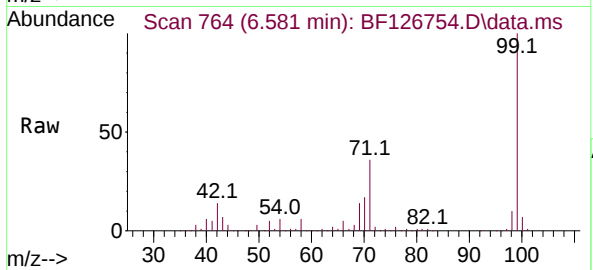




#7
Phenol-d6
Concen: 97.007 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

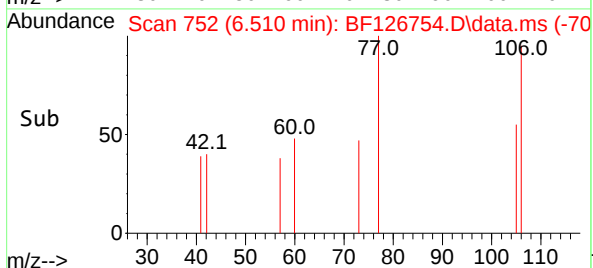
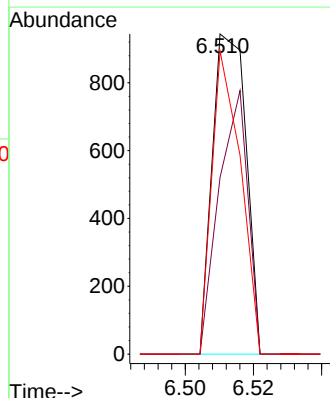
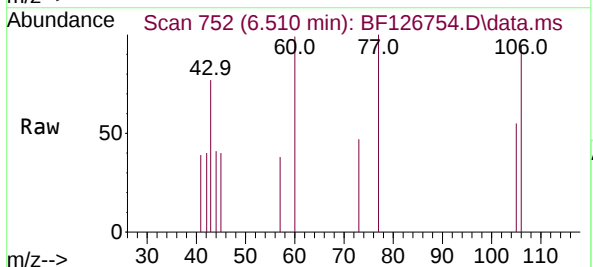
Instrument :
BNA_F
ClientSampleId :
MH-1S

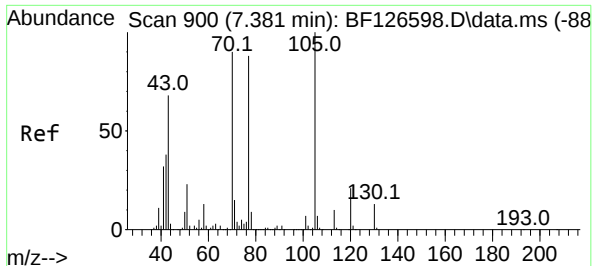
Tgt Ion: 99 Resp: 1541049
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 36.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

Tgt Ion: 77 Resp: 649
Ion Ratio Lower Upper
77 100
105 55.2 74.9 114.9#
106 94.7 72.4 112.4

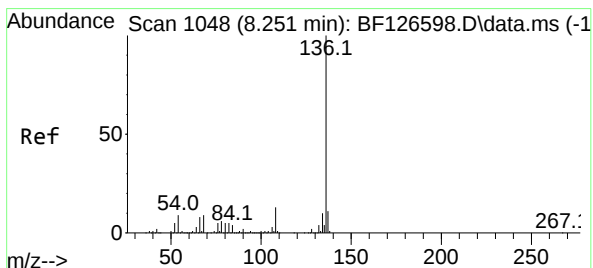
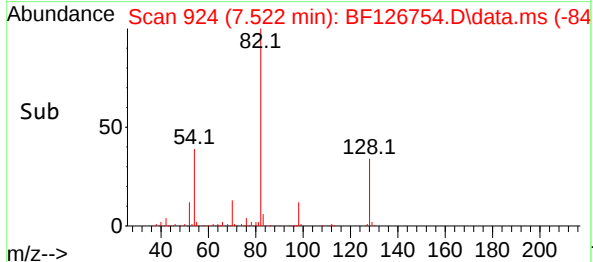
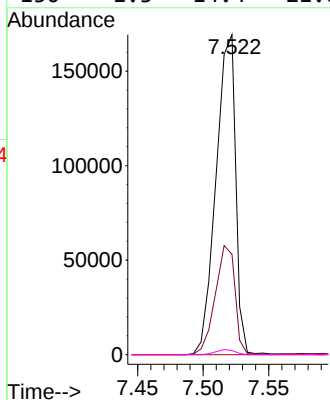
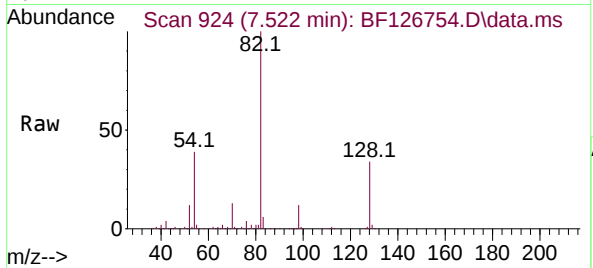




#19
n-Nitroso-di-n-propylamine
Concen: 15.222 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

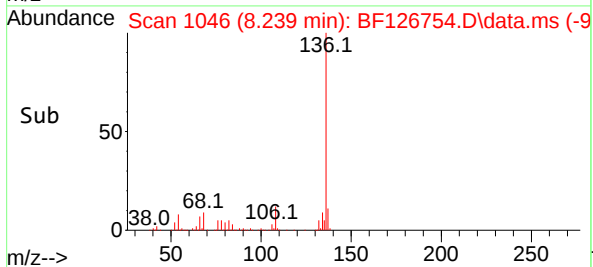
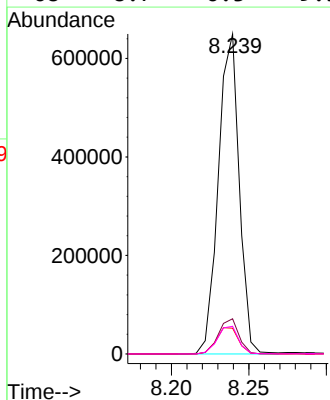
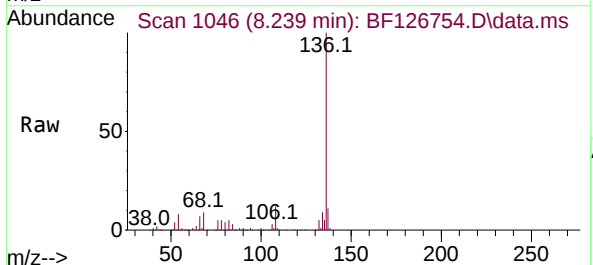
Instrument :
BNA_F
ClientSampleId :
MH-1S

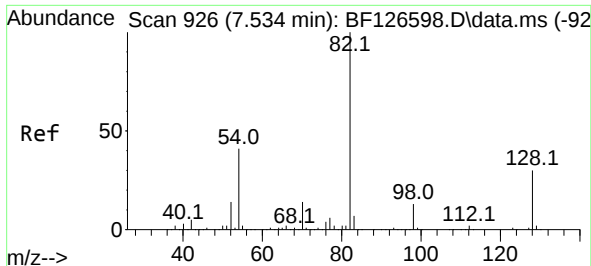
Tgt Ion: 70 Resp: 176495
Ion Ratio Lower Upper
70 100
42 31.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

Tgt Ion: 136 Resp: 607795
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 7.8 11.6
68 8.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 85.188 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Instrument :

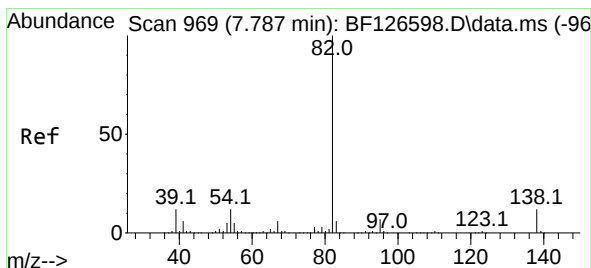
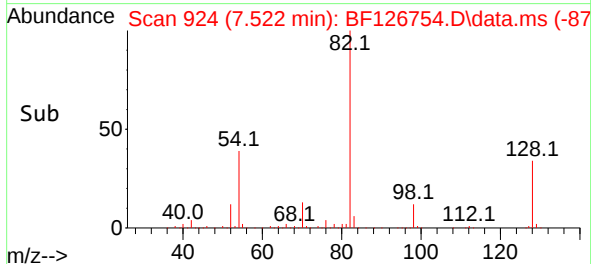
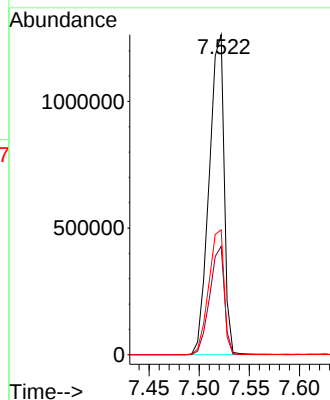
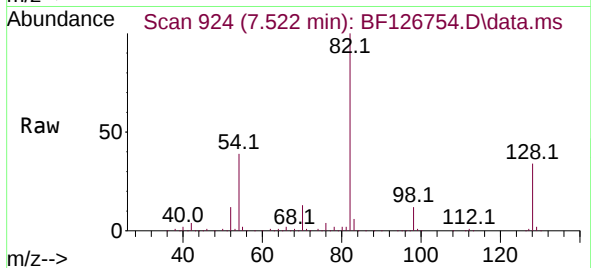
BNA_F

ClientSampleId :

MH-1S

Tgt Ion: 82 Resp: 1322826

Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.7	49.1
54	39.0	41.7	62.5#



#25

Isophorone

Concen: 43.669 ng

RT: 7.522 min Scan# 924

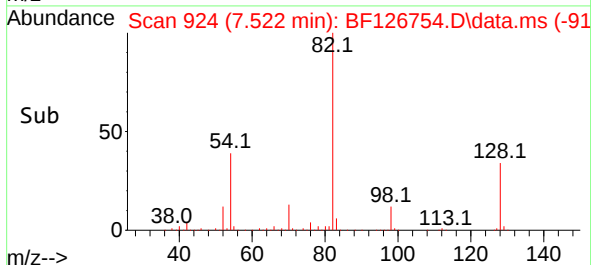
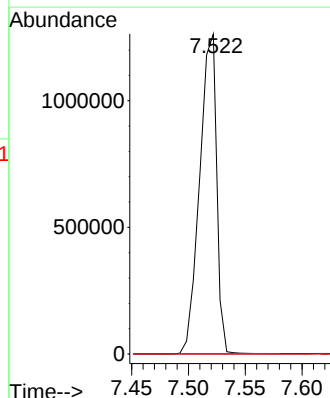
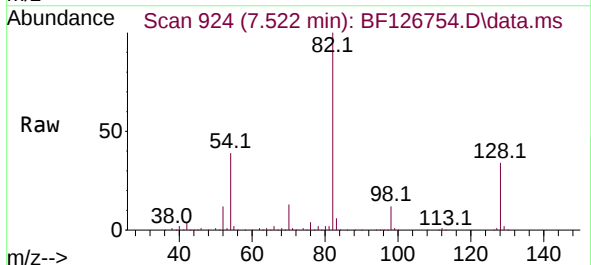
Delta R.T. -0.259 min

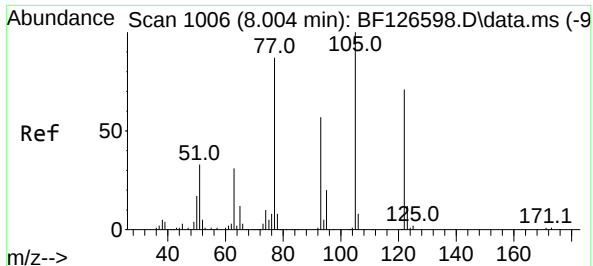
Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Tgt Ion: 82 Resp: 1315071

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





#32

Benzoic acid

Concen: 3.298 ng

RT: 7.922 min Scan# 91

Delta R.T. -0.070 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Instrument :

BNA_F

ClientSampleId :

MH-1S

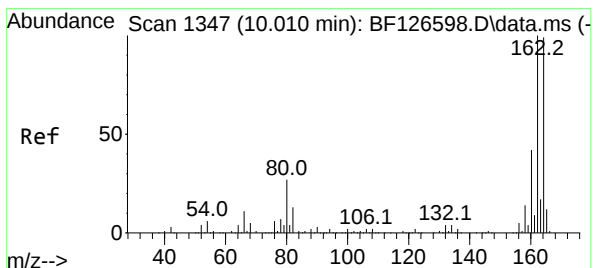
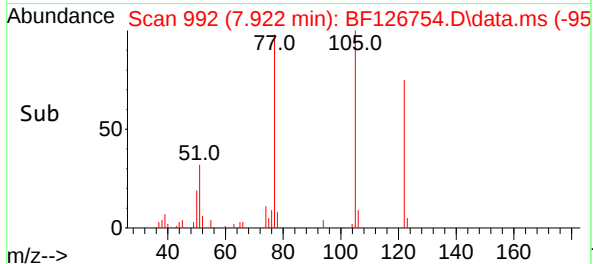
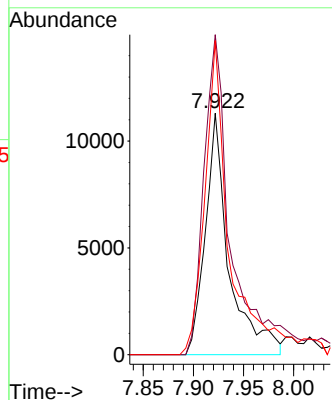
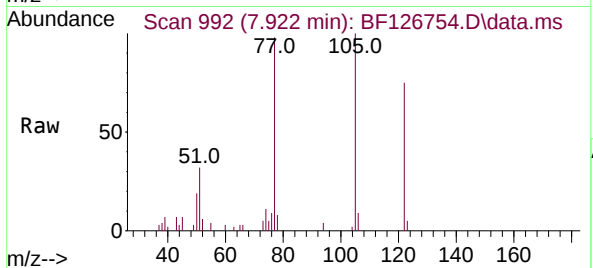
Tgt Ion:122 Resp: 18566

Ion Ratio Lower Upper

122 100

105 132.5 101.0 141.0

77 130.1 74.5 114.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

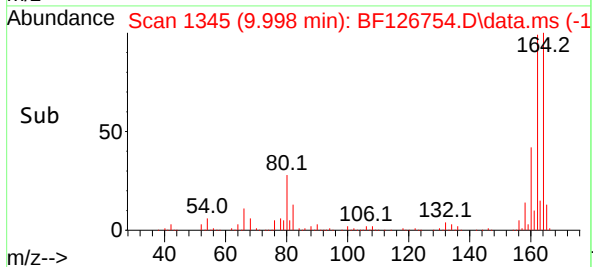
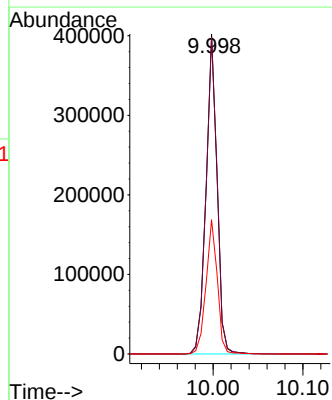
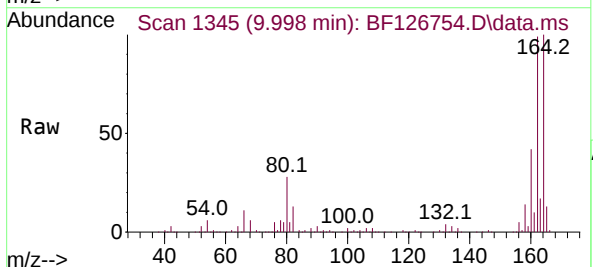
Tgt Ion:164 Resp: 342078

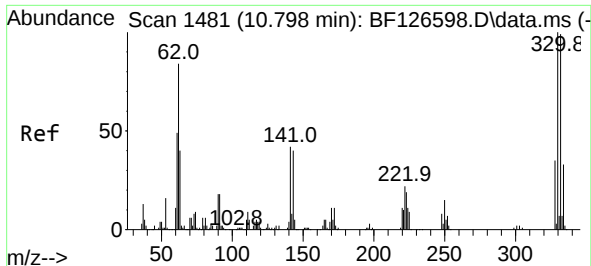
Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.0

160 42.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 135.782 ng

RT: 10.792 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Instrument :

BNA_F

ClientSampleId :

MH-1S

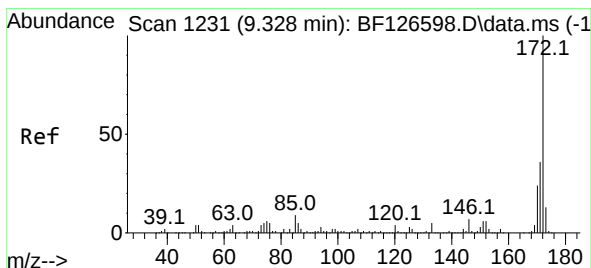
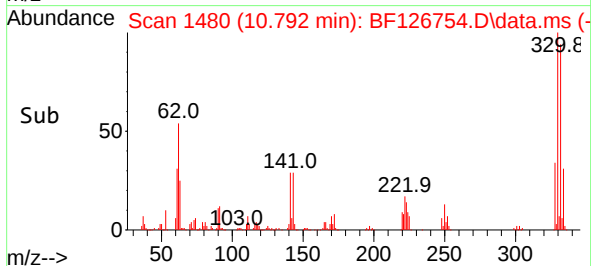
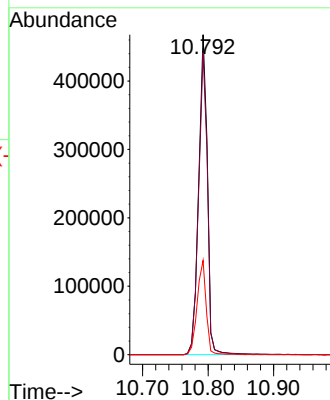
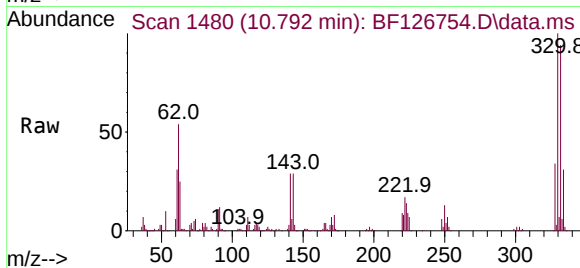
Tgt Ion:330 Resp: 434683

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 30.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 77.565 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

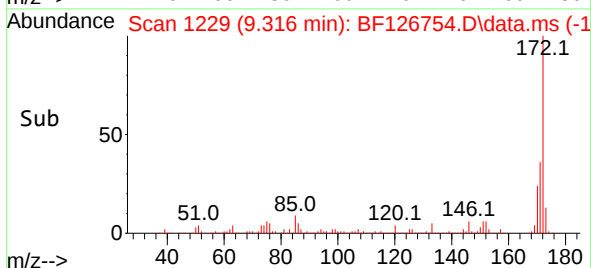
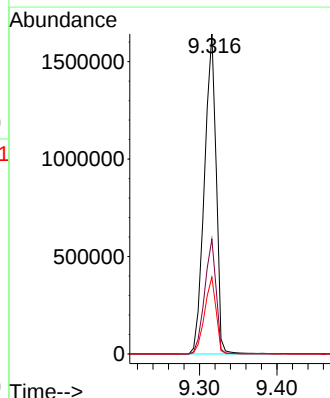
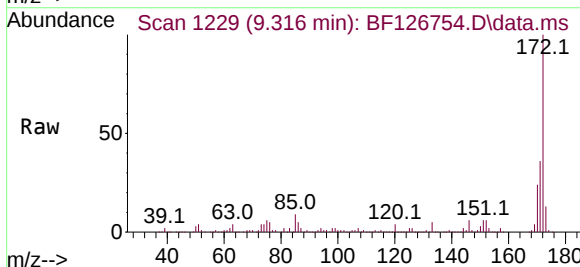
Tgt Ion:172 Resp: 1732499

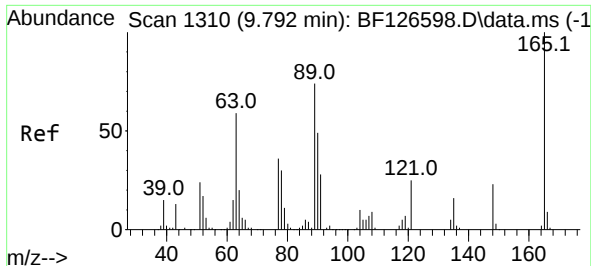
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.453 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Instrument :

BNA_F

ClientSampleId :

MH-1S

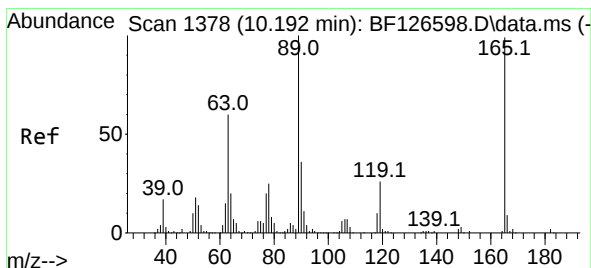
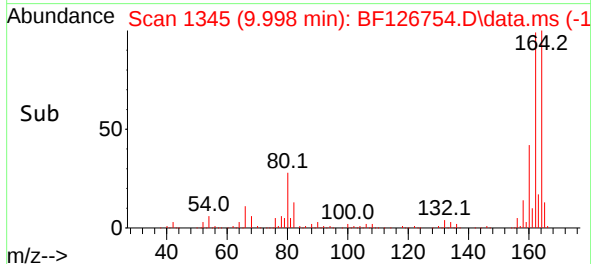
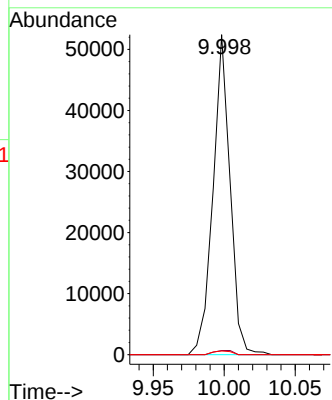
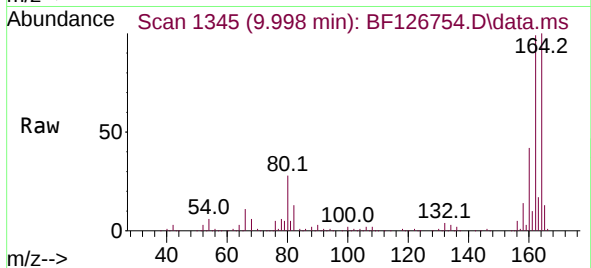
Tgt Ion:165 Resp: 43824

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.2 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.626 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126754.D

Acq: 31 Jan 2022 16:40

Tgt Ion:165 Resp: 43824

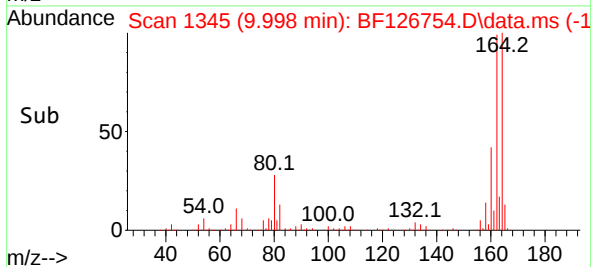
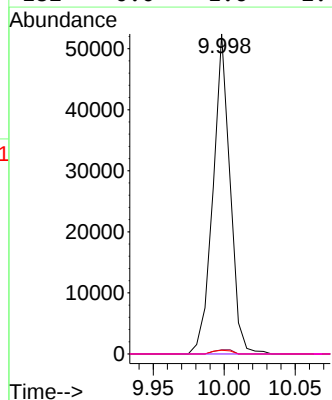
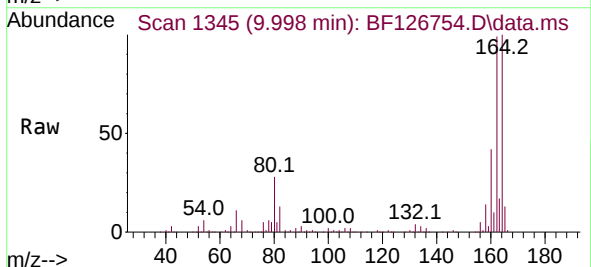
Ion Ratio Lower Upper

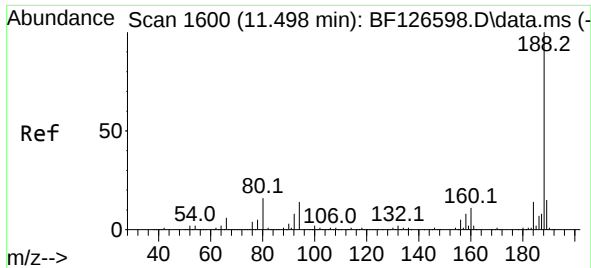
165 100

63 1.3 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

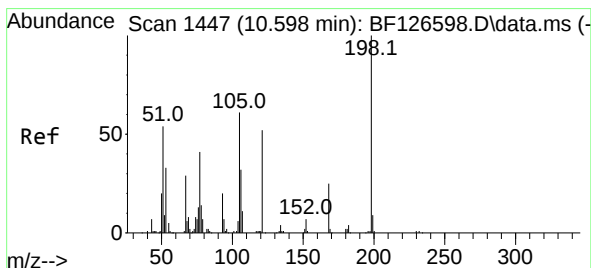
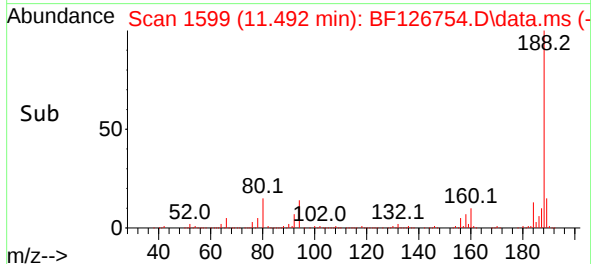
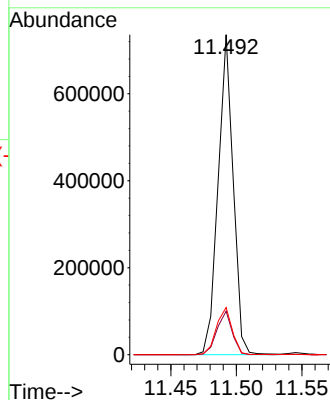
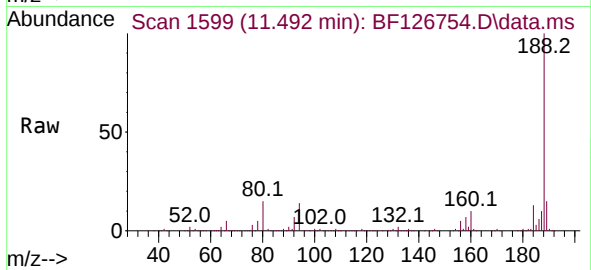




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

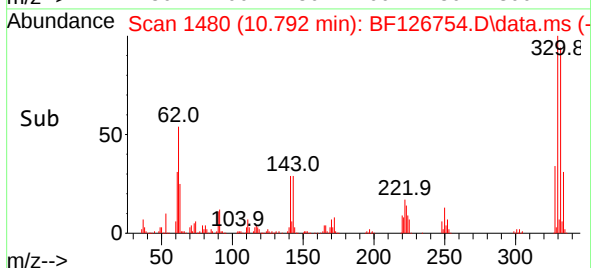
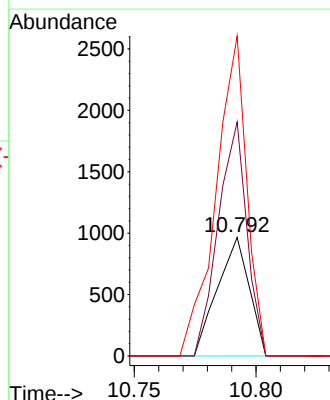
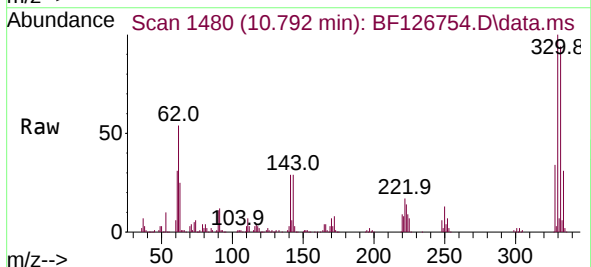
Instrument :
BNA_F
ClientSampleId :
MH-1S

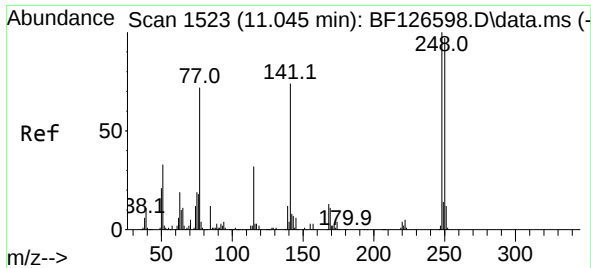
Tgt Ion:188 Resp: 587614
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 14.8 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.636 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.200 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

Tgt Ion:198 Resp: 876
Ion Ratio Lower Upper
198 100
51 197.4 32.0 72.0#
105 269.8 32.7 72.7#

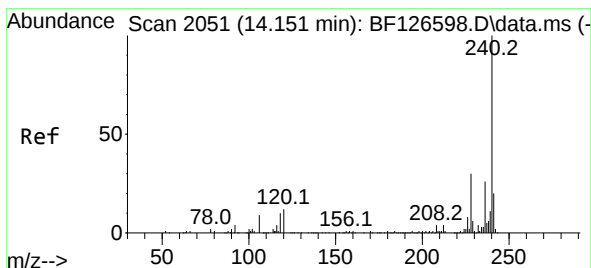
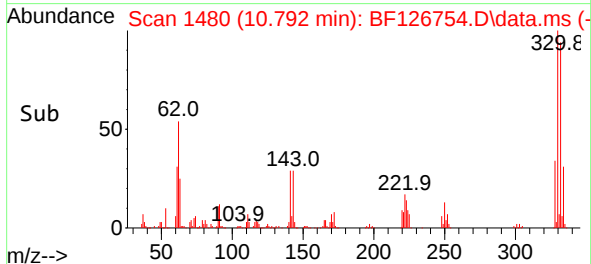
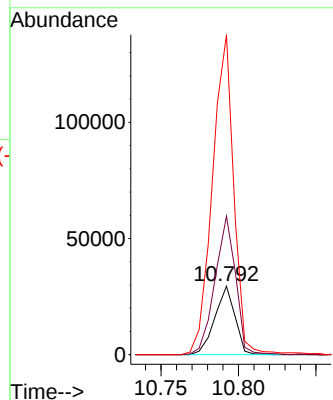
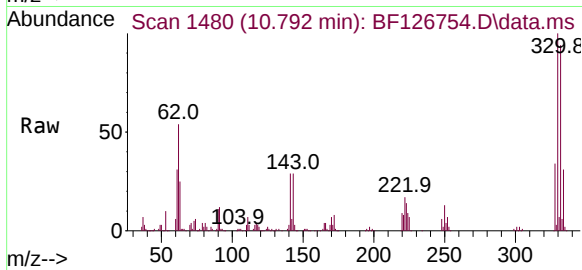




#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

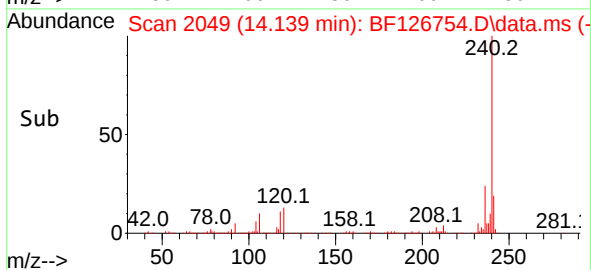
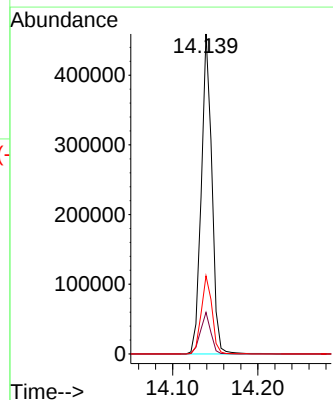
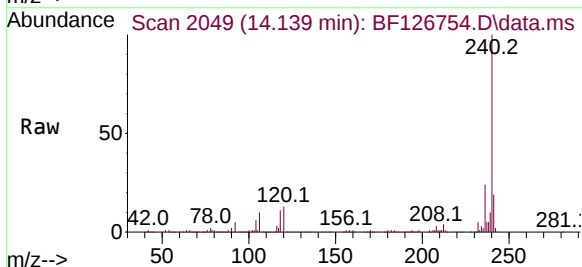
Instrument :
BNA_F
ClientSampleId :
MH-1S

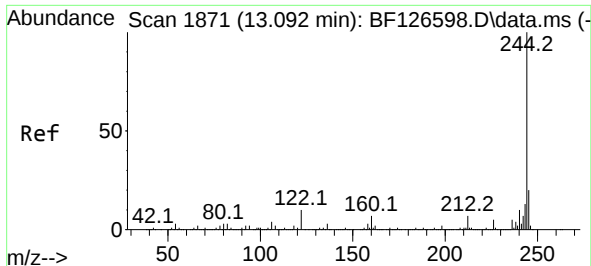
Tgt Ion:248 Resp: 26693
Ion Ratio Lower Upper
248 100
250 202.4 76.2 114.4#
141 467.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126754.D
Acq: 31 Jan 2022 16:40

Tgt Ion:240 Resp: 394819
Ion Ratio Lower Upper
240 100
120 13.0 14.4 21.6#
236 24.4 20.5 30.7

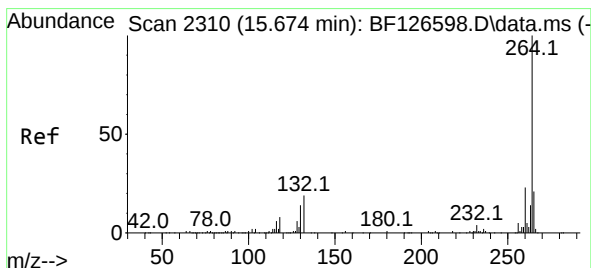
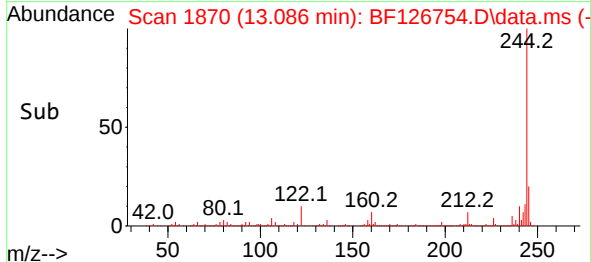
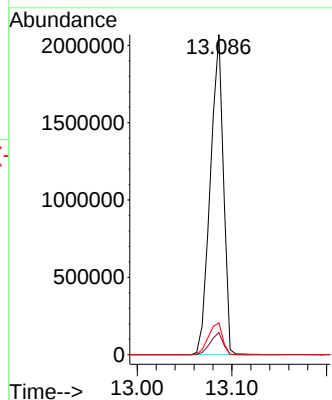
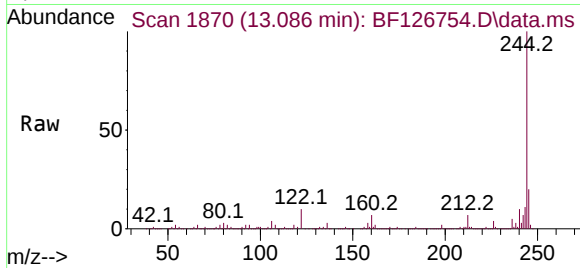




#79
 Terphenyl-d14
 Concen: 83.998 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126754.D
 Acq: 31 Jan 2022 16:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Tgt Ion:244 Resp: 1977260
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.9 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: BF126754.D
 Acq: 31 Jan 2022 16:40

Tgt Ion:264 Resp: 295041
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.4 26.2

