

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126759.D
 Acq On : 31 Jan 2022 18:54
 Operator : CG/JU
 Sample : N1335-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4S

Quant Time: Feb 01 02:42:27 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)

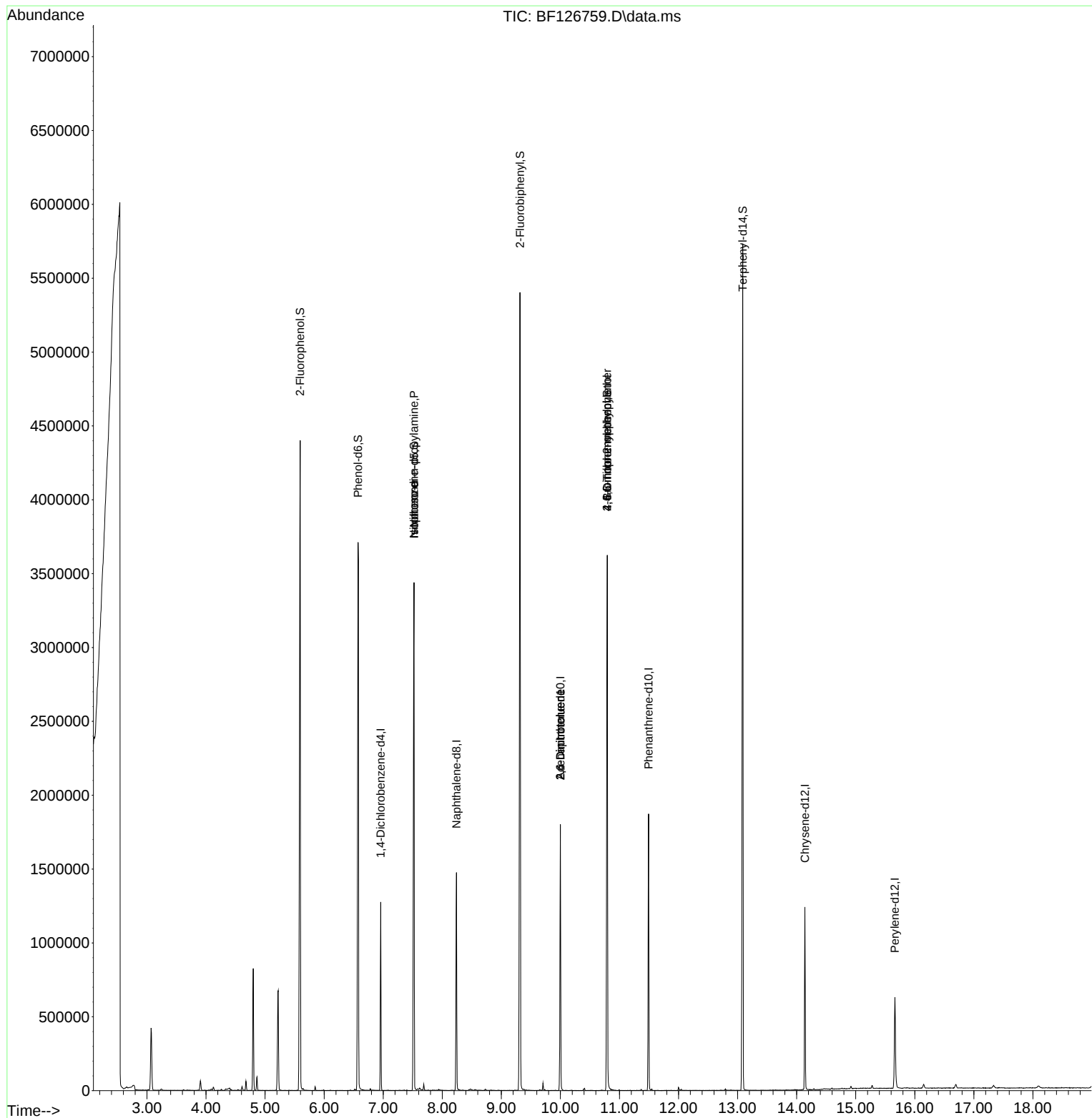
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	154062	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	604713	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	342044	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	597637	20.000	ng	0.00
76) Chrysene-d12	14.139	240	387486	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	289875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1283361	109.617	ng	0.02
7) Phenol-d6	6.575	99	1606889	98.785	ng	0.00
23) Nitrobenzene-d5	7.522	82	1372268	88.822	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	436283	136.296	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1782268	79.801	ng	0.00
79) Terphenyl-d14	13.086	244	2101092	90.947	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	736	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.522	70	183959	15.495	ng	# 67
25) Isophorone	7.522	82	1364648	45.546	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44580	10.634	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44580	8.776	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	1039	7.680	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26865	3.900	ng	# 1

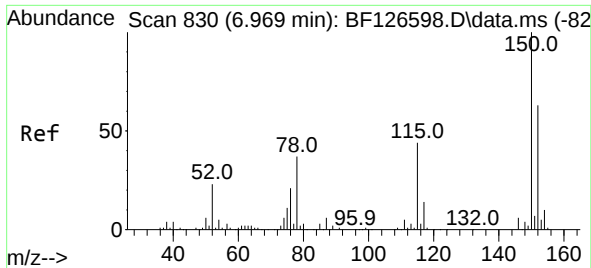
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126759.D
Acq On : 31 Jan 2022 18:54
Operator : CG/JU
Sample : N1335-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4S

Quant Time: Feb 01 02:42:27 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

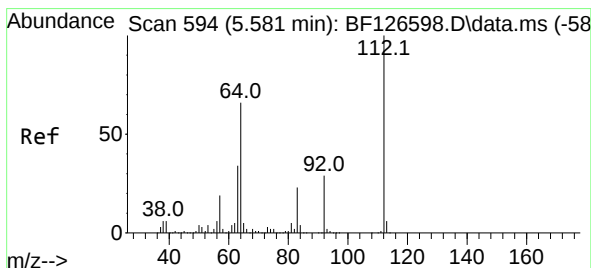
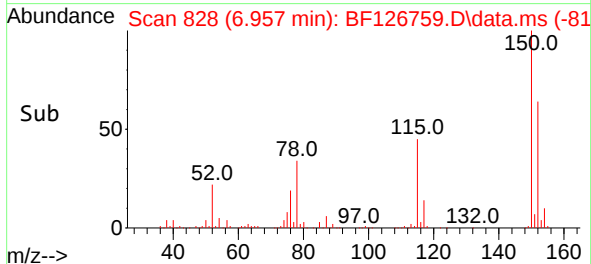
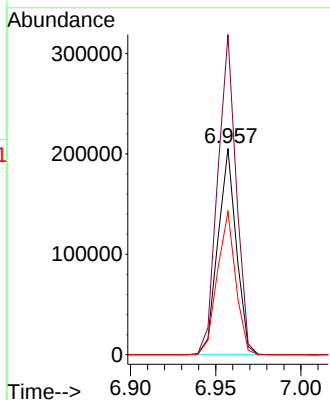
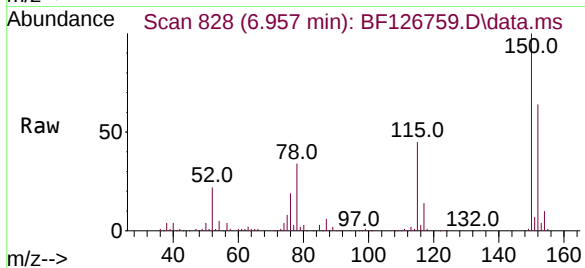




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126759.D
 Acq: 31 Jan 2022 18:54

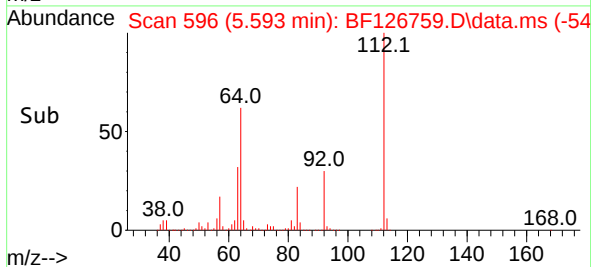
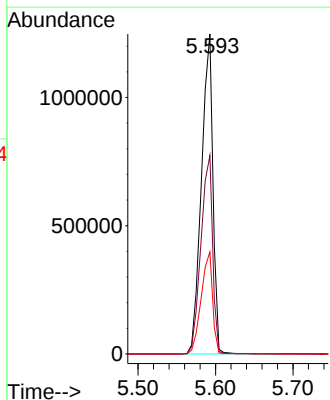
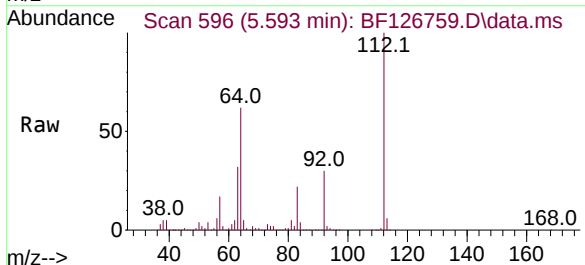
Instrument :
 BNA_F
 ClientSampleId :
 MH-4S

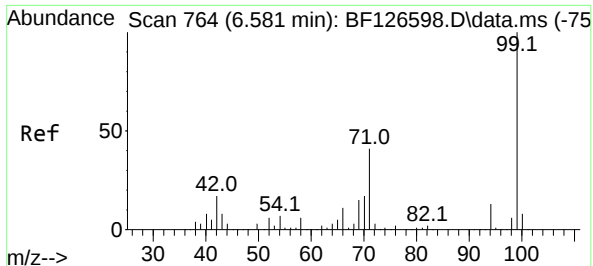
Tgt Ion:152 Resp: 154062
 Ion Ratio Lower Upper
 152 100
 150 155.1 128.1 192.1
 115 69.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 109.617 ng
 RT: 5.593 min Scan# 596
 Delta R.T. 0.024 min
 Lab File: BF126759.D
 Acq: 31 Jan 2022 18:54

Tgt Ion:112 Resp: 1283361
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.5 74.3
 63 31.9 23.9 35.9





#7

Phenol-d6

Concen: 98.785 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

Instrument :

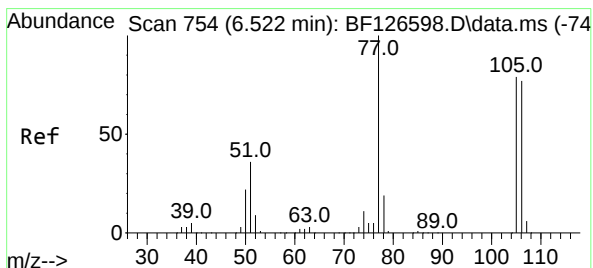
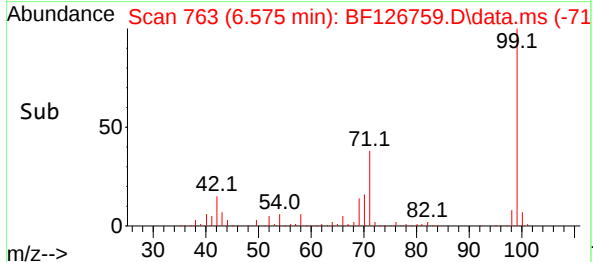
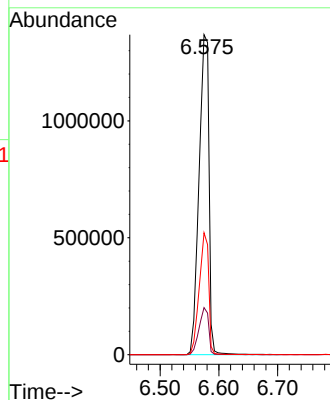
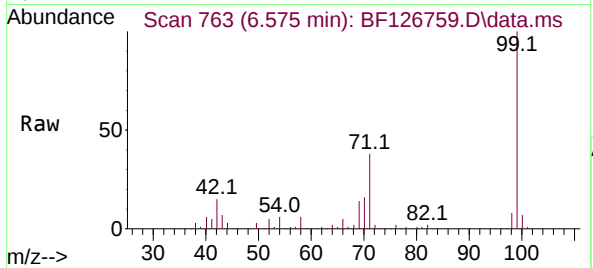
BNA_F

ClientSampleId :

MH-4S

Tgt Ion: 99 Resp: 1606889

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.2	21.4
71	38.1	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

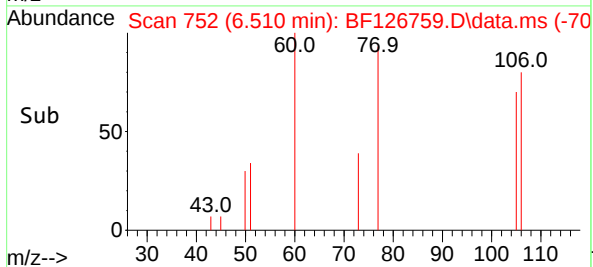
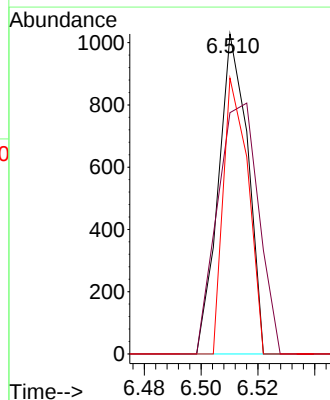
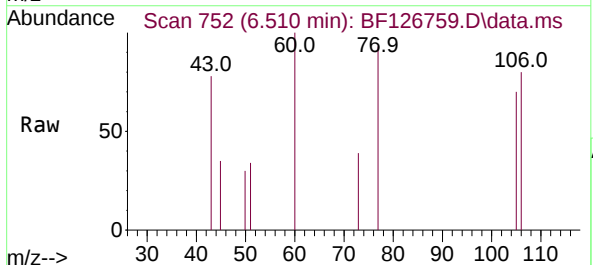
Delta R.T. 0.000 min

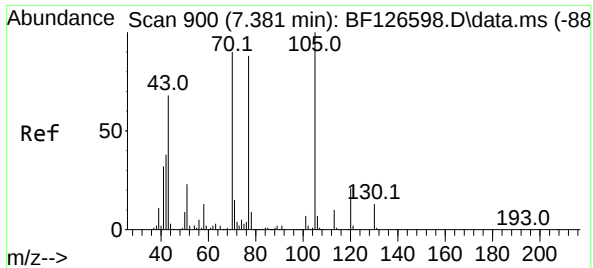
Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

Tgt Ion: 77 Resp: 736

Ion	Ratio	Lower	Upper
77	100		
105	75.4	74.9	114.9
106	86.2	72.4	112.4

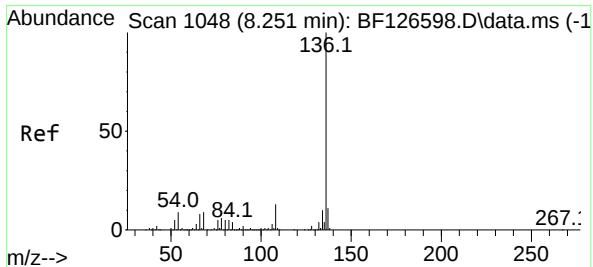
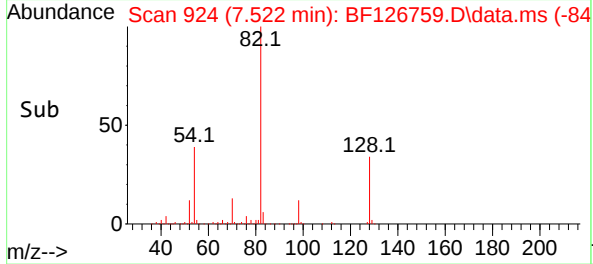
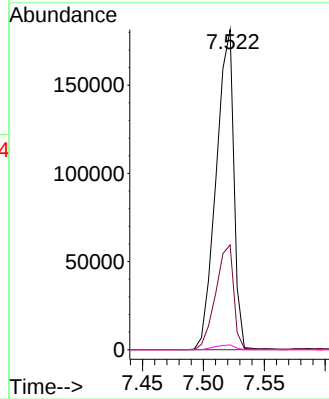
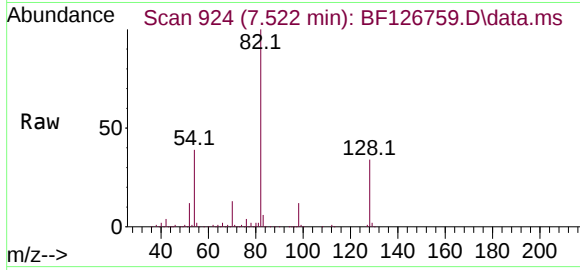




#19
n-Nitroso-di-n-propylamine
Concen: 15.495 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

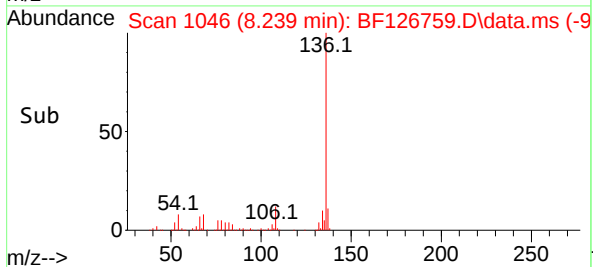
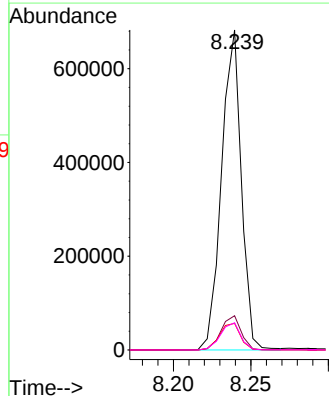
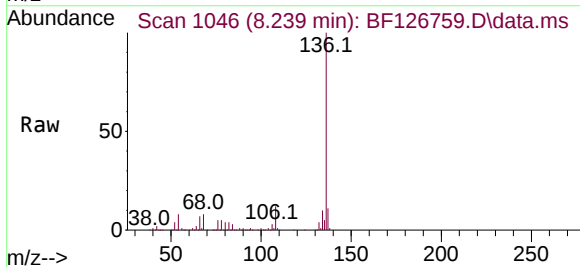
Instrument :
BNA_F
ClientSampleId :
MH-4S

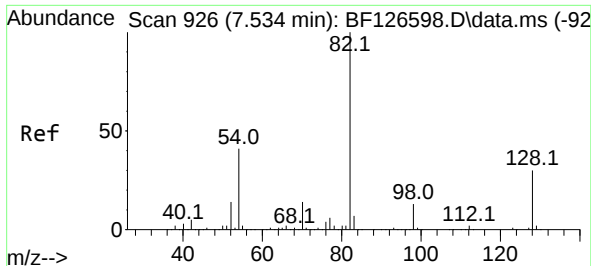
Tgt Ion: 70 Resp: 183959
Ion Ratio Lower Upper
70 100
42 32.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

Tgt Ion: 136 Resp: 604713
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.8 11.6
68 8.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 88.822 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

Instrument :

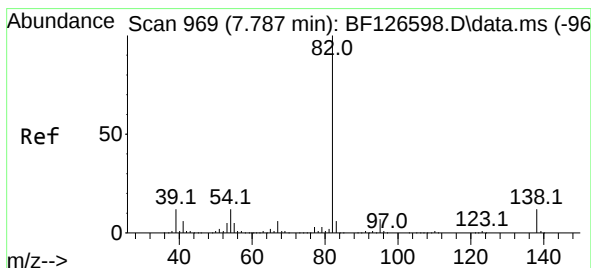
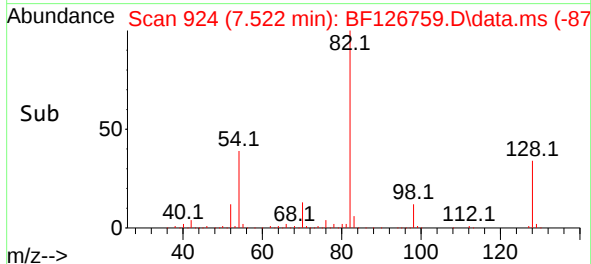
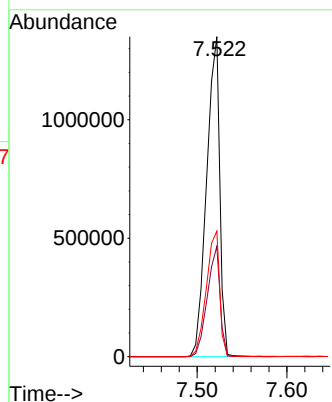
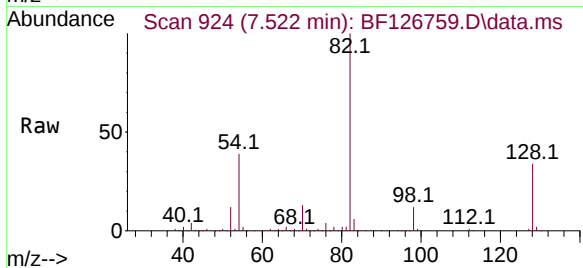
BNA_F

ClientSampleId :

MH-4S

Tgt Ion: 82 Resp: 1372268

Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.7	49.1
54	39.3	41.7	62.5



#25

Isophorone

Concen: 45.546 ng

RT: 7.522 min Scan# 924

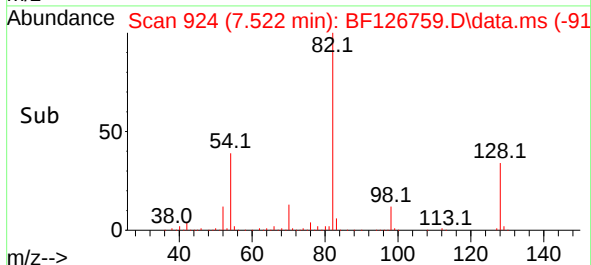
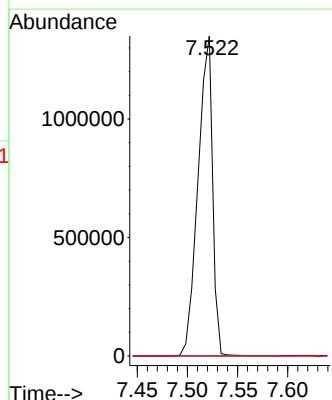
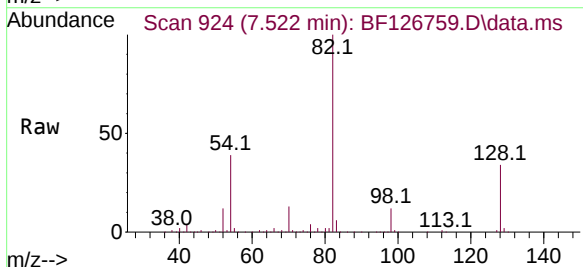
Delta R.T. -0.259 min

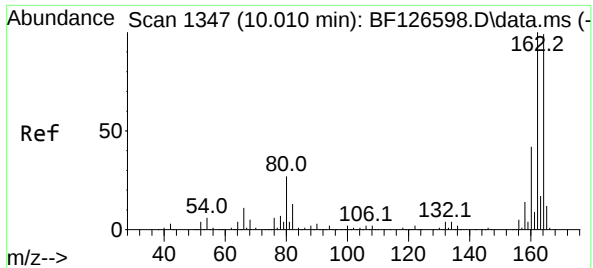
Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

Tgt Ion: 82 Resp: 1364648

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

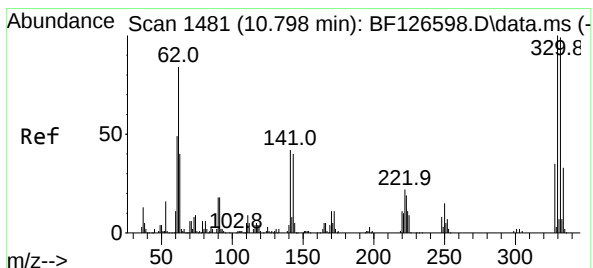
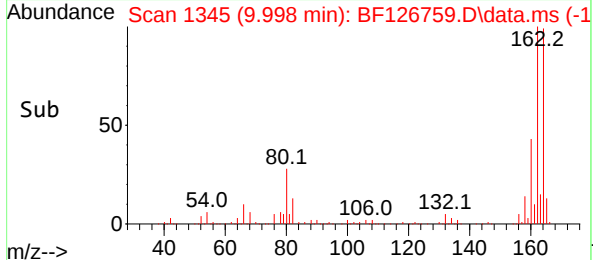
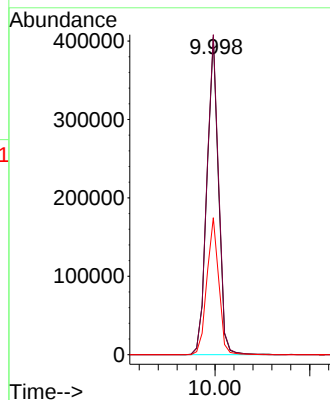
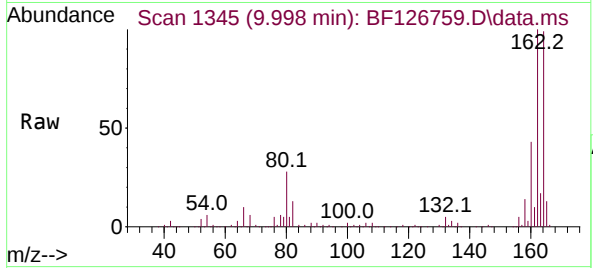




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

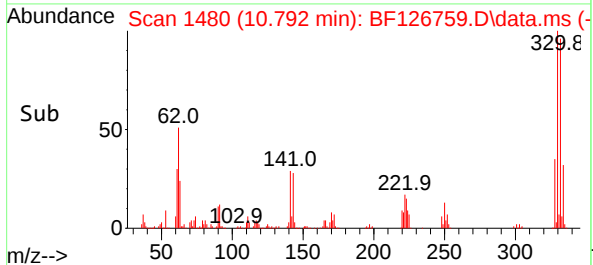
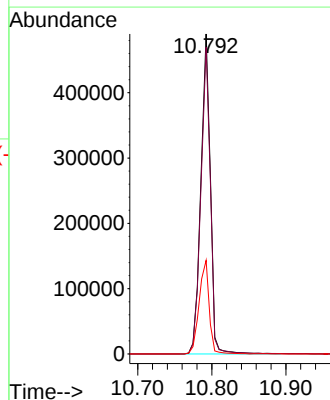
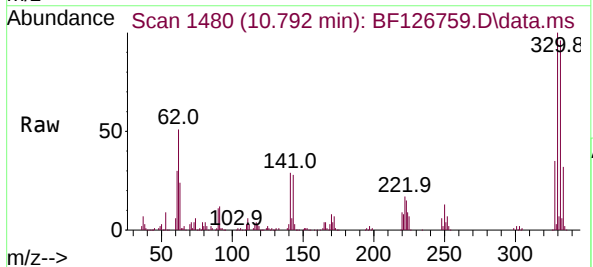
Instrument :
BNA_F
ClientSampleId :
MH-4S

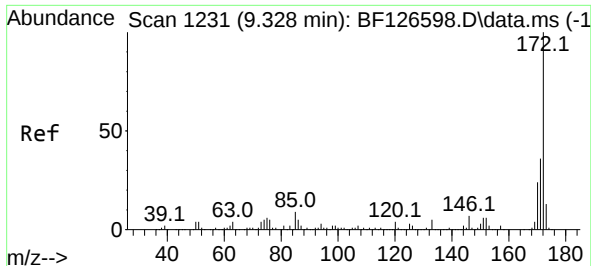
Tgt Ion:164 Resp: 342044
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.296 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

Tgt Ion:330 Resp: 436283
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 30.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 79.801 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

Instrument :

BNA_F

ClientSampleId :

MH-4S

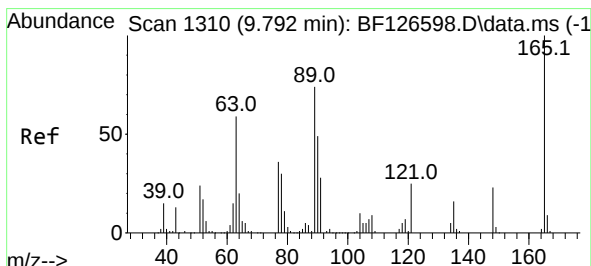
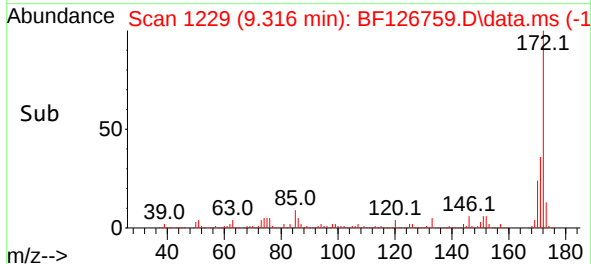
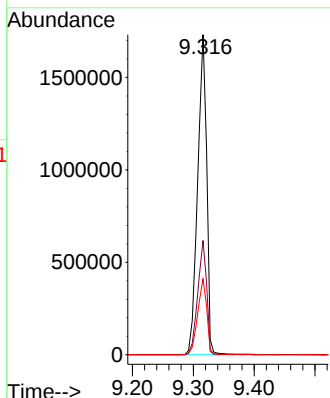
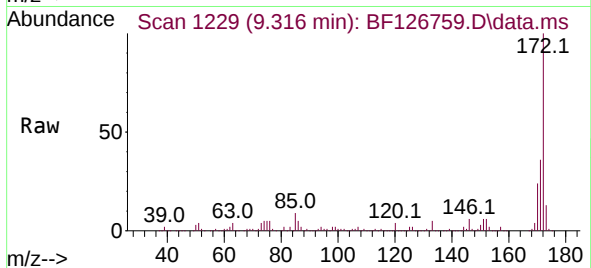
Tgt Ion:172 Resp: 1782268

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.634 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126759.D

Acq: 31 Jan 2022 18:54

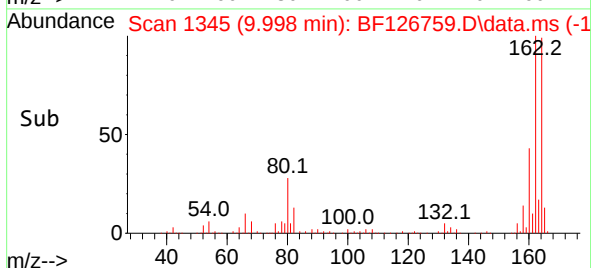
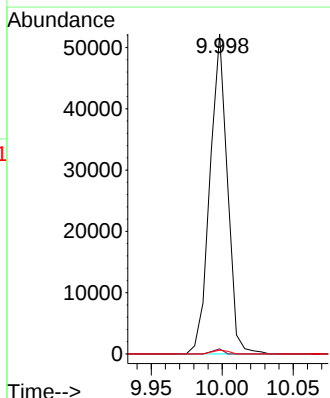
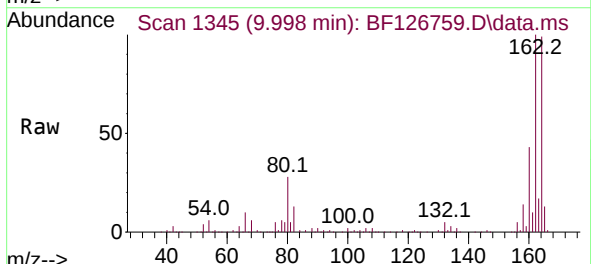
Tgt Ion:165 Resp: 44580

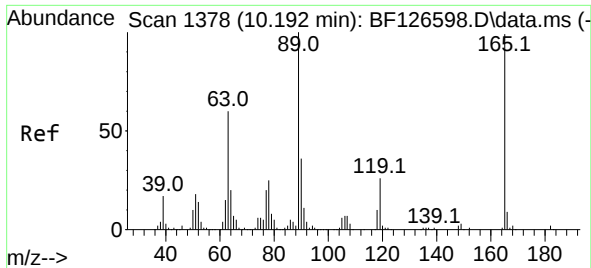
Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.2 50.5 75.7#

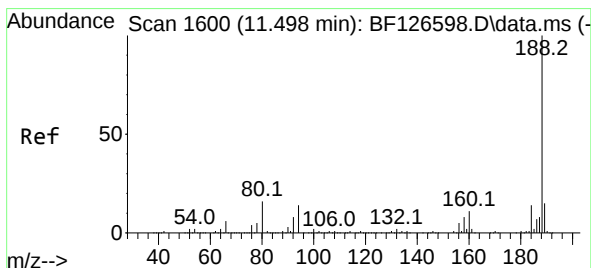
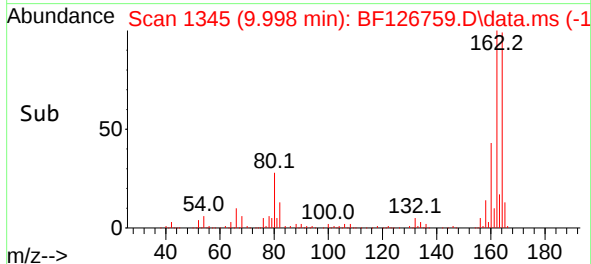
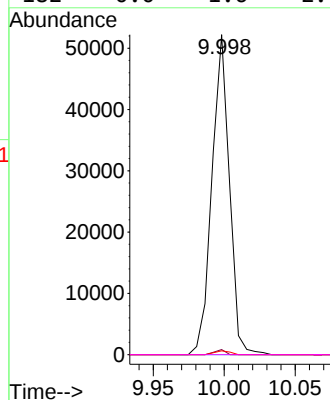
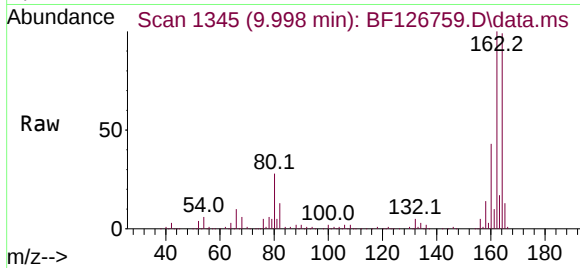




#57
2,4-Dinitrotoluene
Concen: 8.776 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

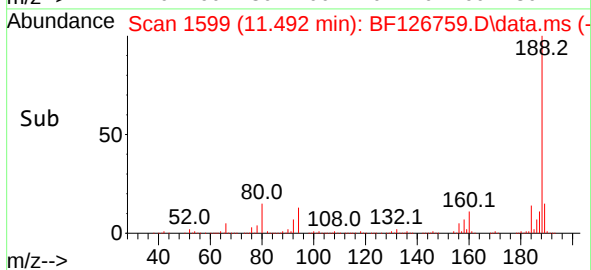
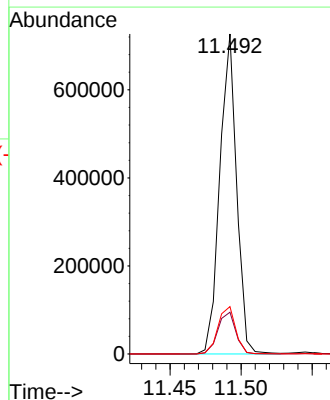
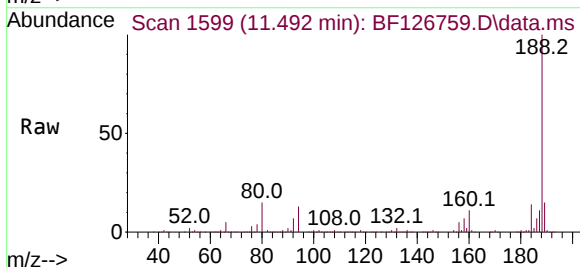
Instrument :
BNA_F
ClientSampleId :
MH-4S

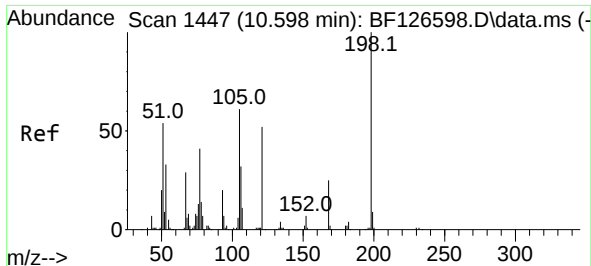
Tgt Ion:165 Resp: 44580
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

Tgt Ion:188 Resp: 597637
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 14.8 11.8 17.6

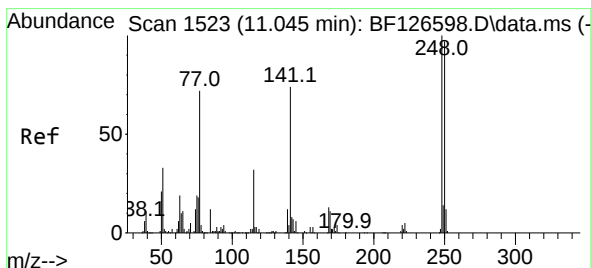
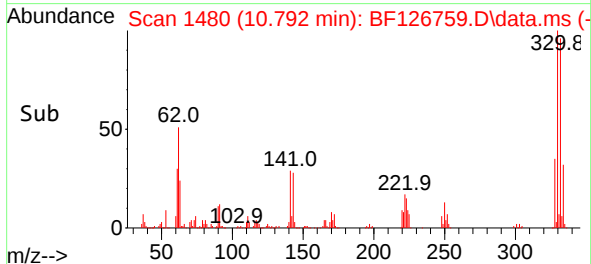
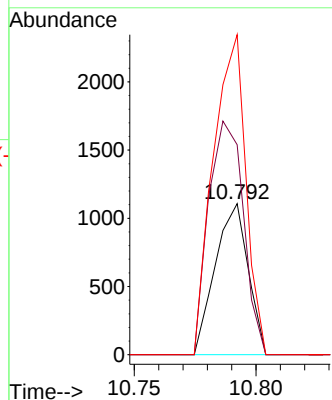
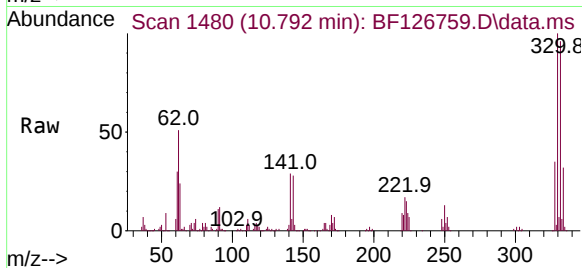




#65
4,6-Dinitro-2-methylphenol
Concen: 7.680 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

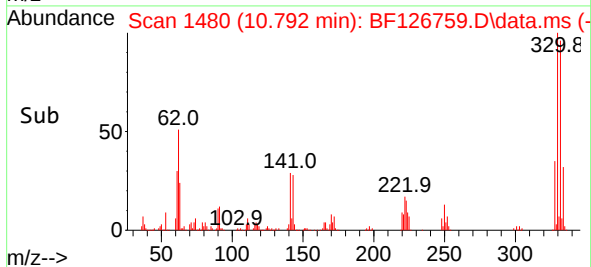
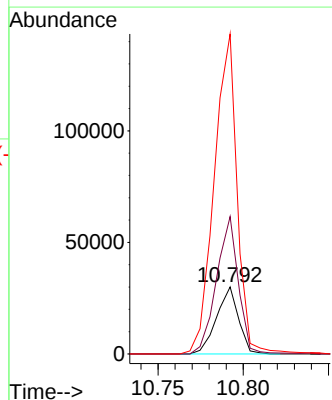
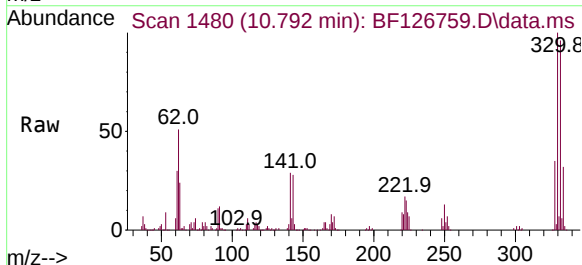
Instrument :
BNA_F
ClientSampleId :
MH-4S

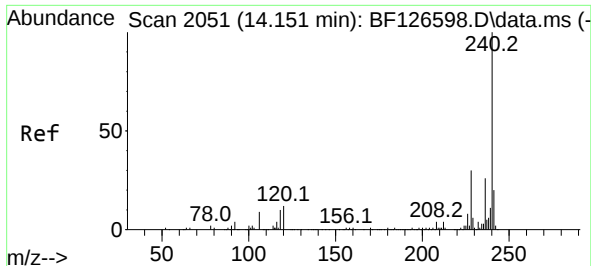
Tgt Ion:198 Resp: 1039
Ion Ratio Lower Upper
198 100
51 139.0 32.0 72.0#
105 211.9 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.900 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

Tgt Ion:248 Resp: 26865
Ion Ratio Lower Upper
248 100
250 205.0 76.2 114.4#
141 477.4 66.2 99.4#

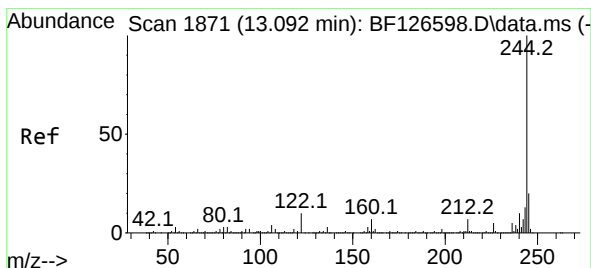
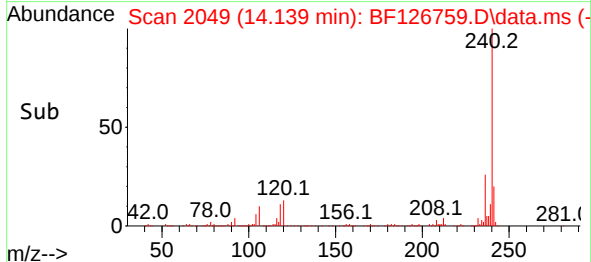
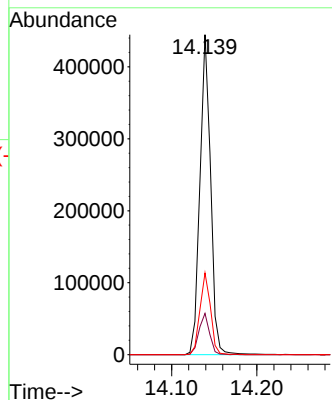
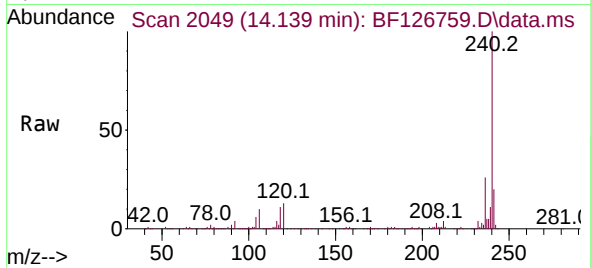




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

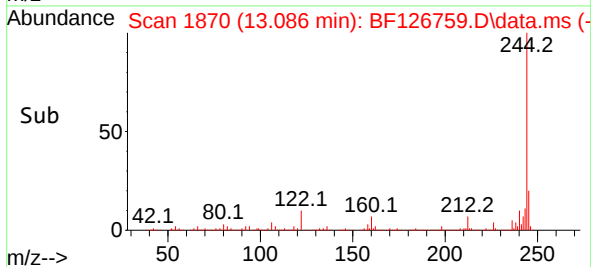
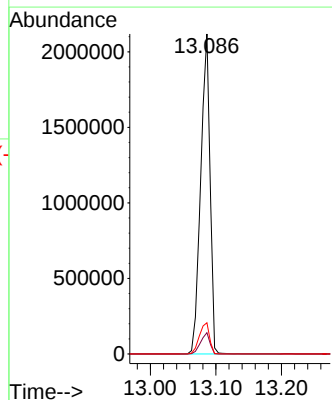
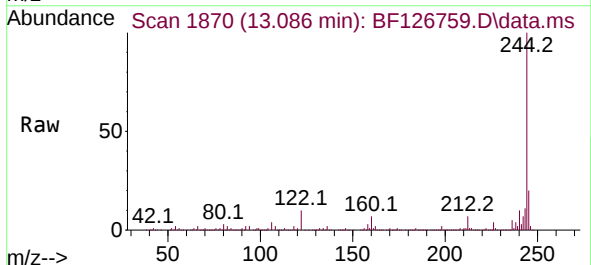
Instrument :
BNA_F
ClientSampleId :
MH-4S

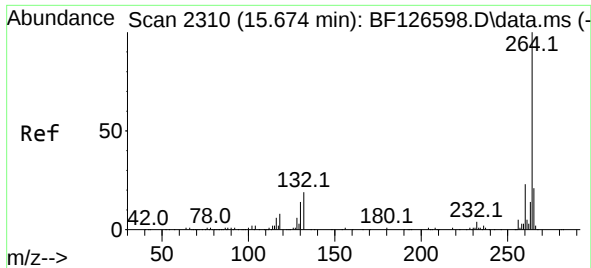
Tgt Ion:240 Resp: 387486
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 90.947 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126759.D
Acq: 31 Jan 2022 18:54

Tgt Ion:244 Resp: 2101092
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 9.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126759.D
 Acq: 31 Jan 2022 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MH-4S

Tgt Ion:264 Resp: 289875
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.4 26.2

