

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126758.D
 Acq On : 31 Jan 2022 18:27
 Operator : CG/JU
 Sample : N1335-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3D

Quant Time: Feb 01 02:42:16 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)

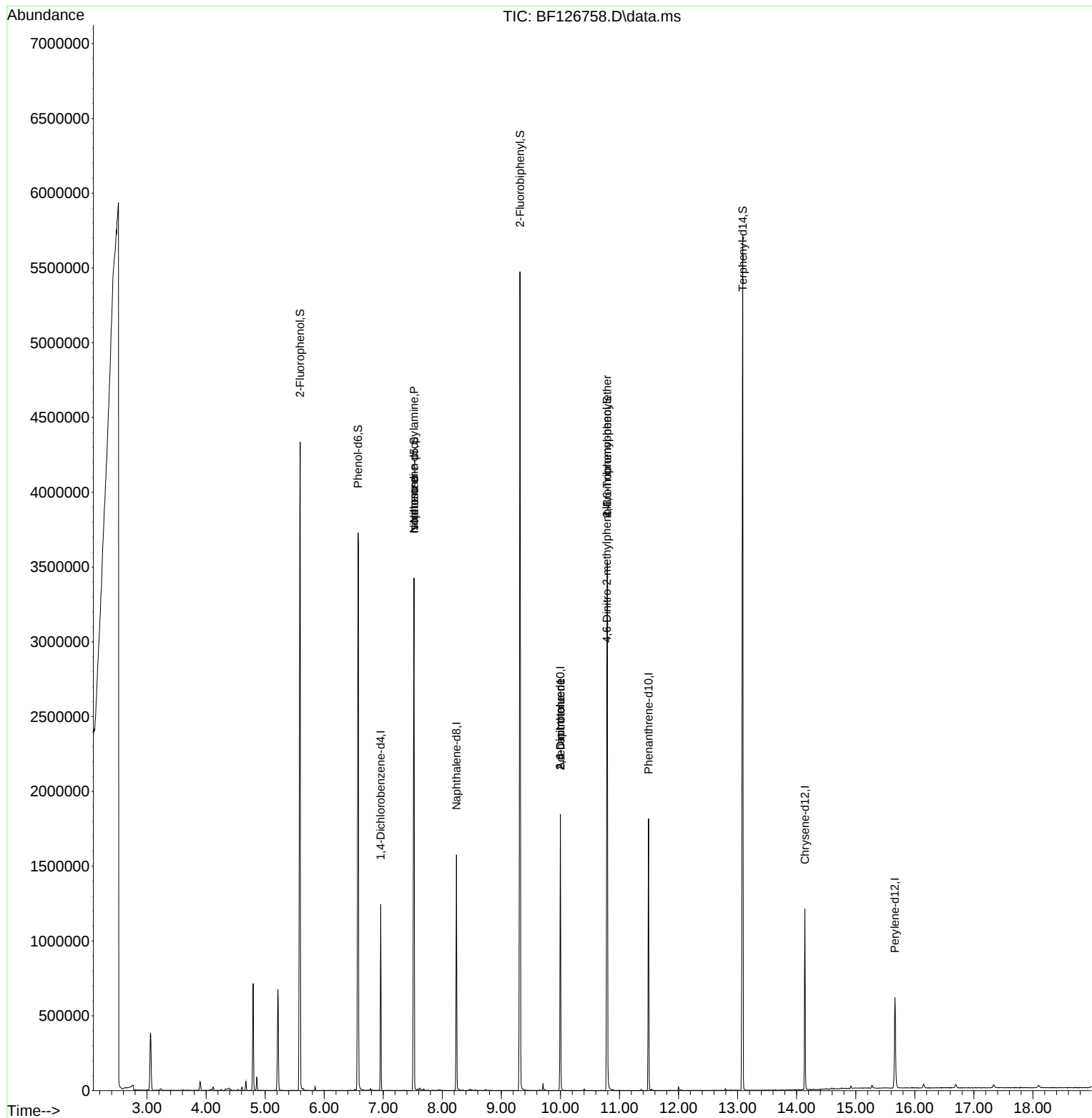
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	150276	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	599991	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	339587	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	581804	20.000	ng	0.00
76) Chrysene-d12	14.139	240	384107	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	285292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1288076	112.791	ng	0.02
7) Phenol-d6	6.575	99	1606475	101.248	ng	0.00
23) Nitrobenzene-d5	7.522	82	1386271	90.435	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	442598	139.269	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1770738	79.858	ng	0.00
79) Terphenyl-d14	13.086	244	2092890	91.389	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	697	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.522	70	184958	15.972	ng	# 68
25) Isophorone	7.522	82	1378908	46.384	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	43457	10.442	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	43457	8.617	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	711	7.588	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	27932	4.166	ng	# 1

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

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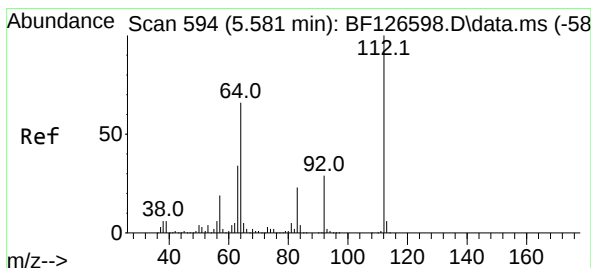
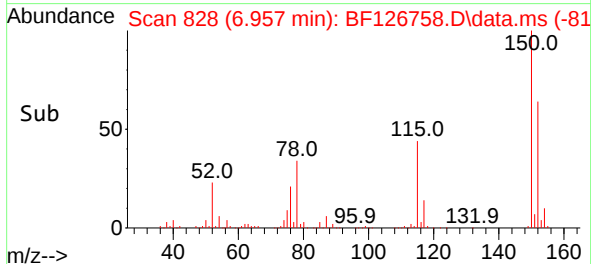
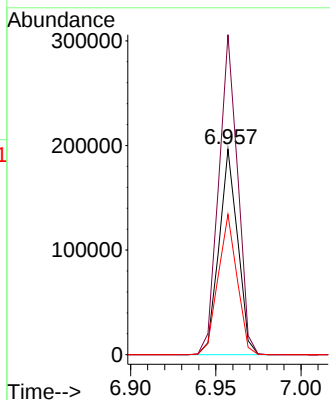
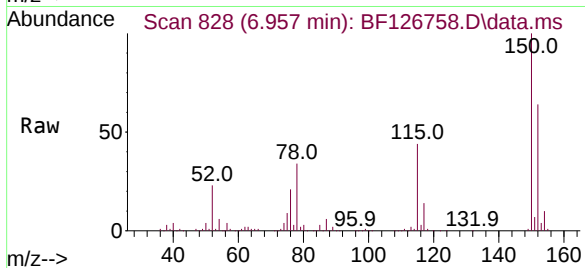




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

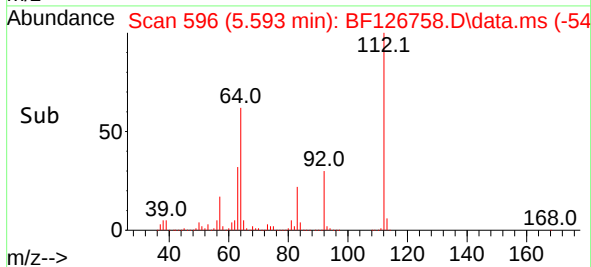
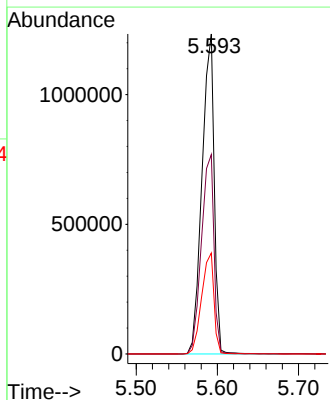
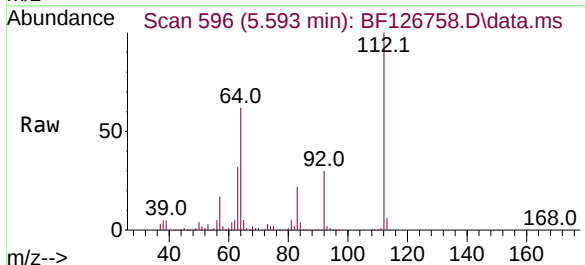
Instrument :
BNA_F
ClientSampleId :
MH-3D

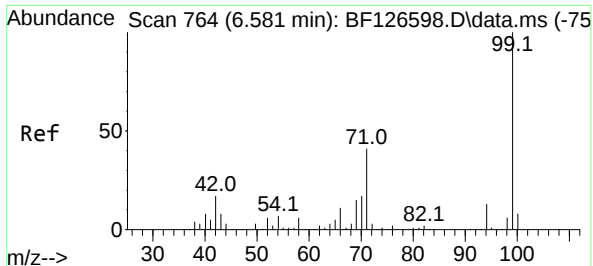
Tgt Ion:152 Resp: 150276
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 112.791 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion:112 Resp: 1288076
Ion Ratio Lower Upper
112 100
64 62.3 49.5 74.3
63 31.5 23.9 35.9

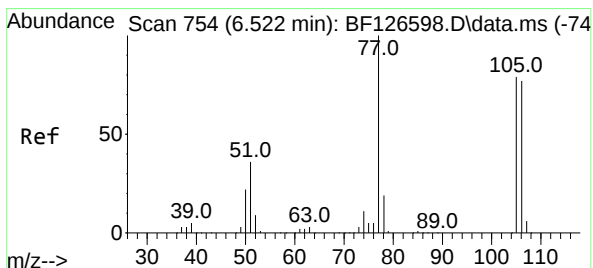
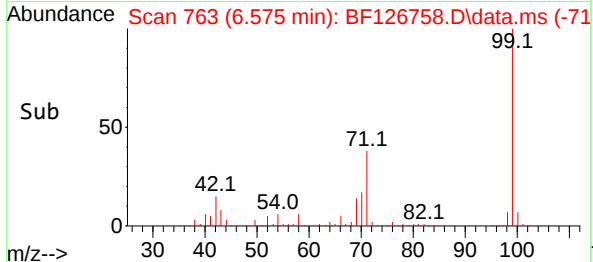
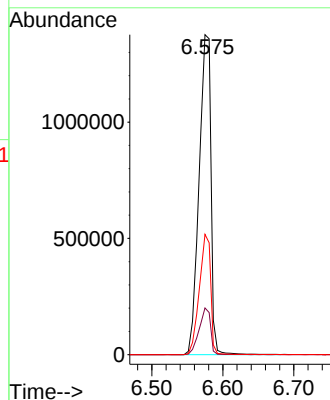
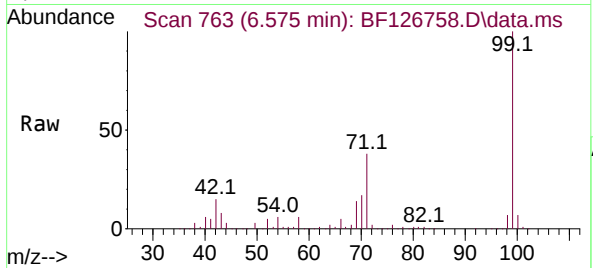




#7
Phenol-d6
Concen: 101.248 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

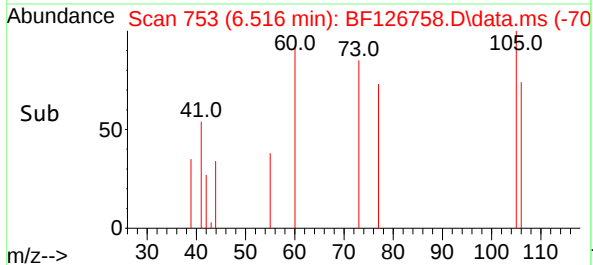
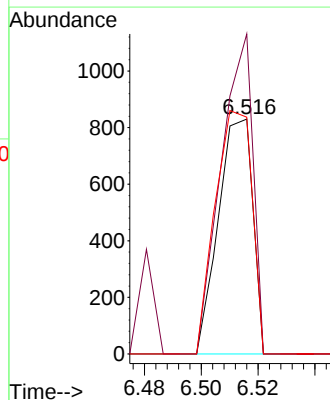
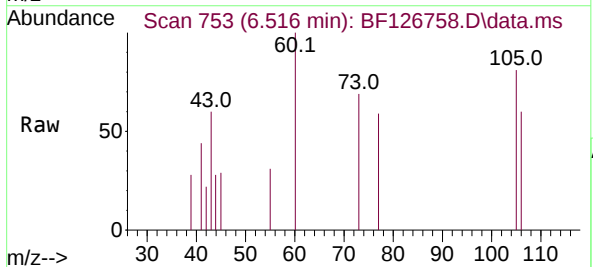
Instrument :
BNA_F
ClientSampleId :
MH-3D

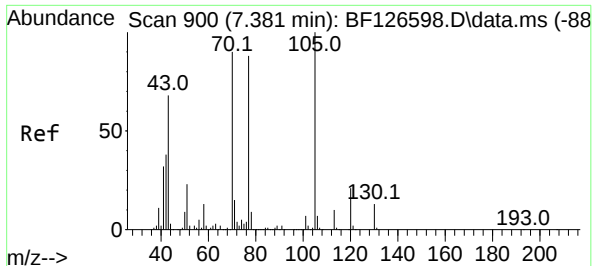
Tgt Ion: 99 Resp: 1606475
Ion Ratio Lower Upper
99 100
42 14.6 14.2 21.4
71 37.6 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion: 77 Resp: 697
Ion Ratio Lower Upper
77 100
105 136.3 74.9 114.9#
106 100.8 72.4 112.4

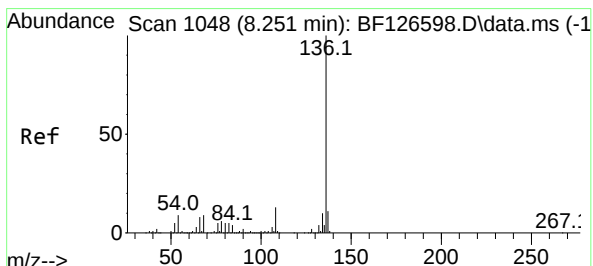
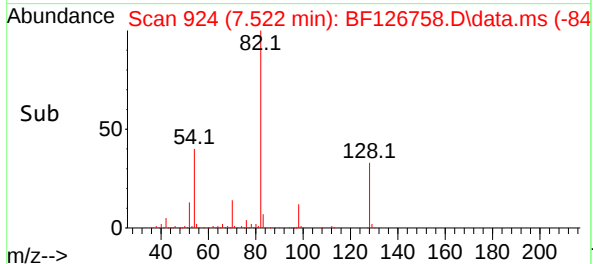
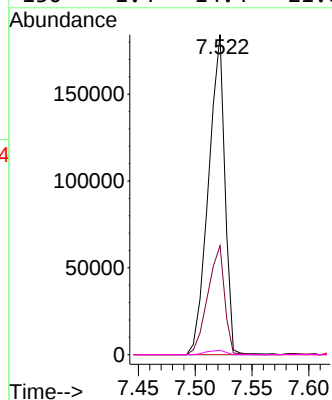
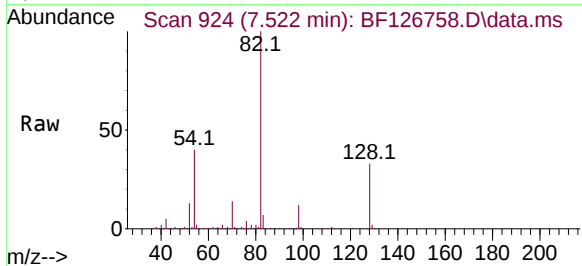




#19
n-Nitroso-di-n-propylamine
Concen: 15.972 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

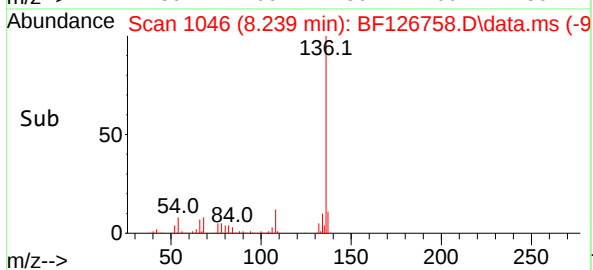
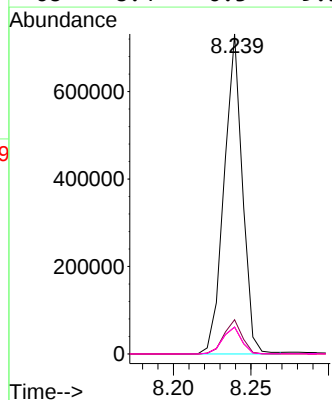
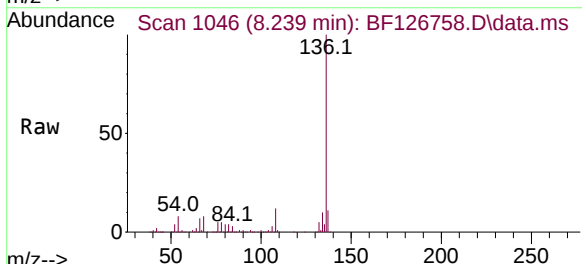
Instrument :
BNA_F
ClientSampleId :
MH-3D

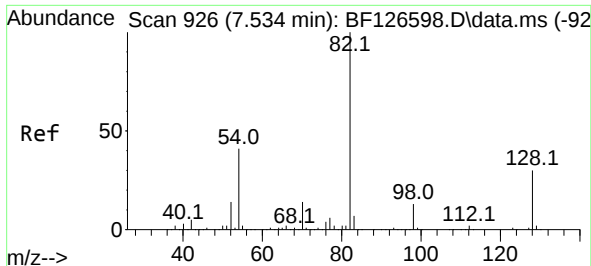
Tgt Ion: 70 Resp: 184958
Ion Ratio Lower Upper
70 100
42 34.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion: 136 Resp: 599991
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.8 11.6
68 8.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 90.435 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126758.D

Acq: 31 Jan 2022 18:27

Instrument :

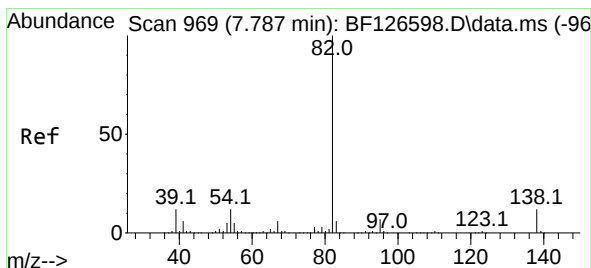
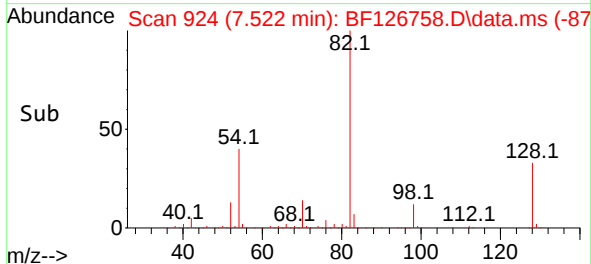
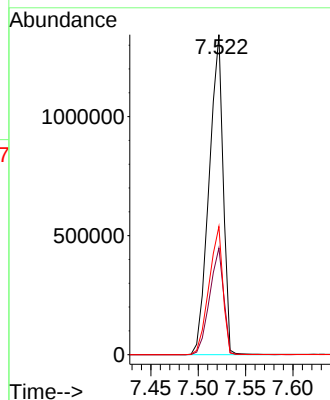
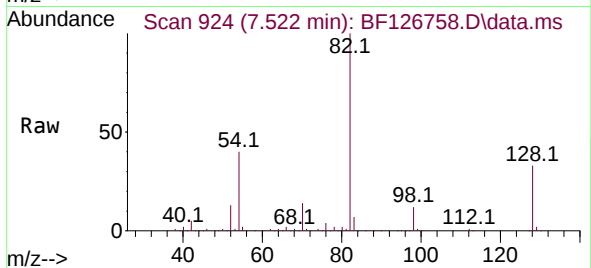
BNA_F

ClientSampleId :

MH-3D

Tgt Ion: 82 Resp: 1386271

Ion	Ratio	Lower	Upper
82	100		
128	33.4	32.7	49.1
54	40.1	41.7	62.5#



#25

Isophorone

Concen: 46.384 ng

RT: 7.522 min Scan# 924

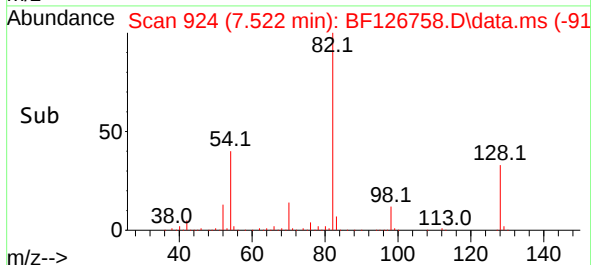
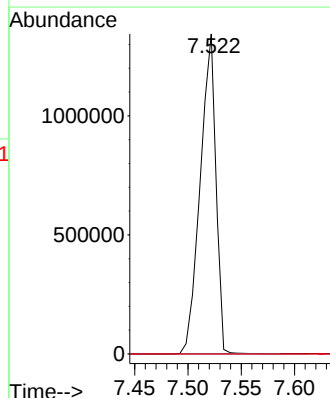
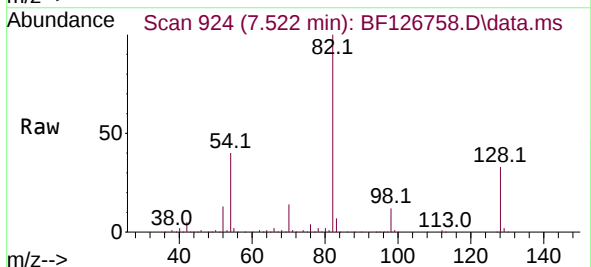
Delta R.T. -0.259 min

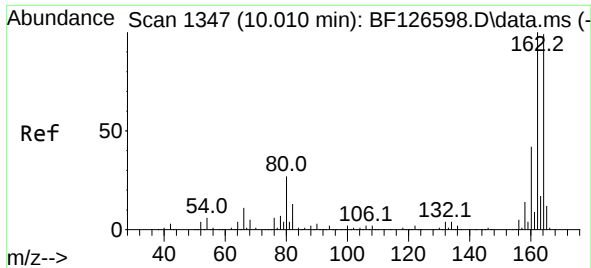
Lab File: BF126758.D

Acq: 31 Jan 2022 18:27

Tgt Ion: 82 Resp: 1378908

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

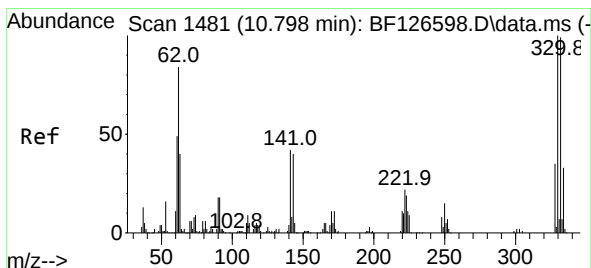
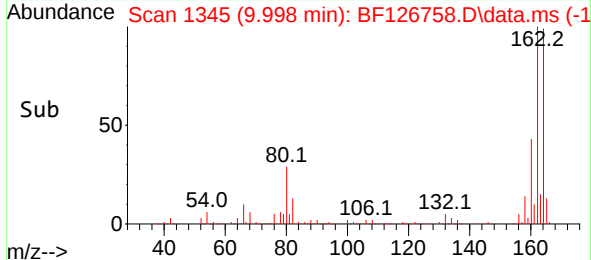
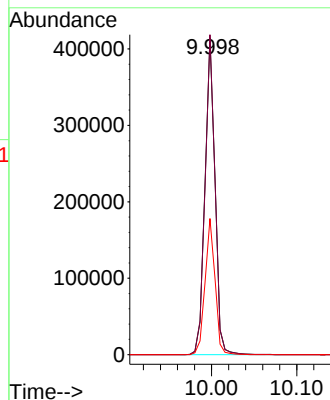
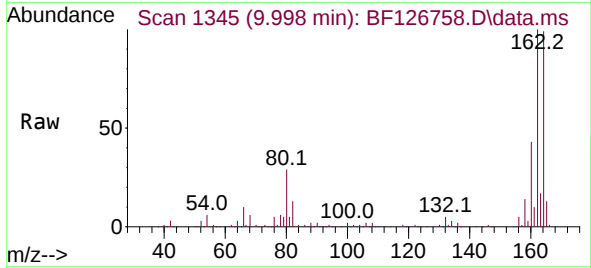




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

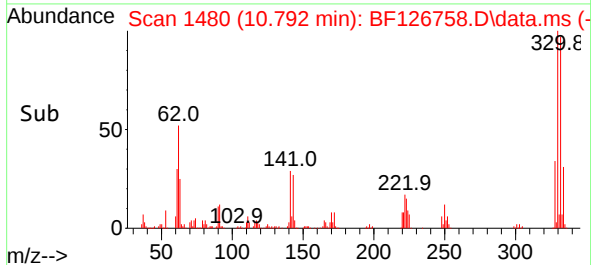
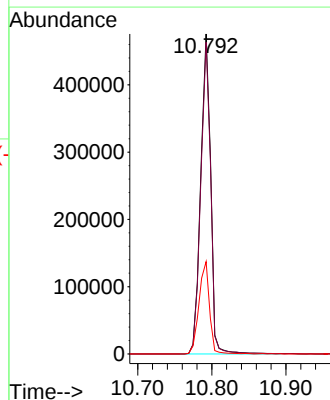
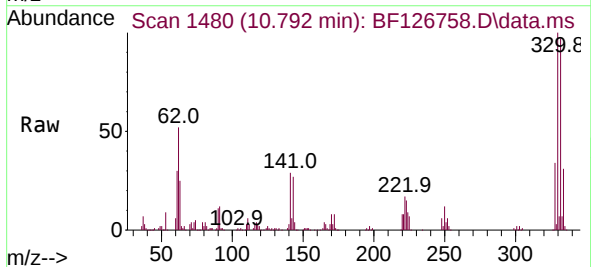
Instrument :
BNA_F
ClientSampleId :
MH-3D

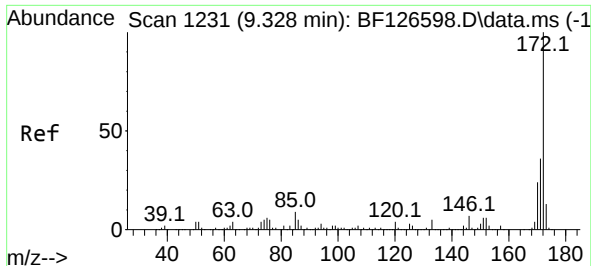
Tgt Ion:164 Resp: 339587
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.269 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion:330 Resp: 442598
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 30.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 79.858 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126758.D

Acq: 31 Jan 2022 18:27

Instrument :

BNA_F

ClientSampleId :

MH-3D

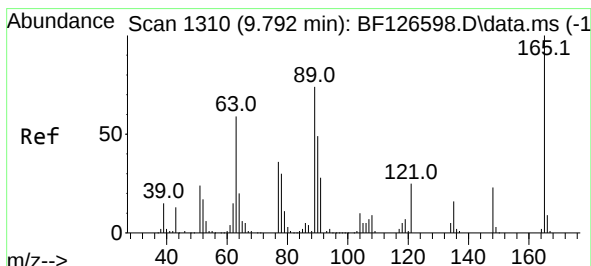
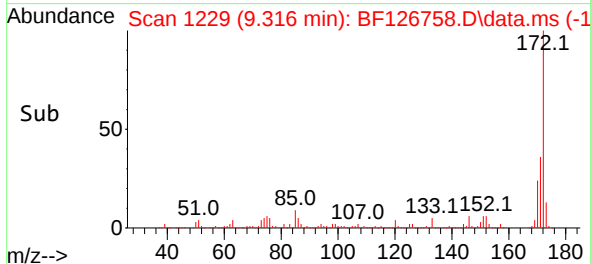
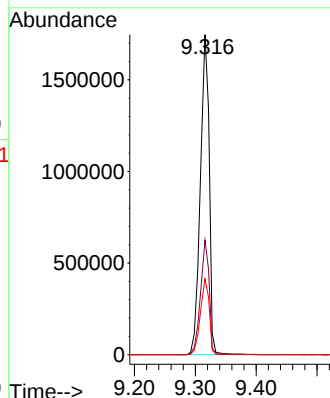
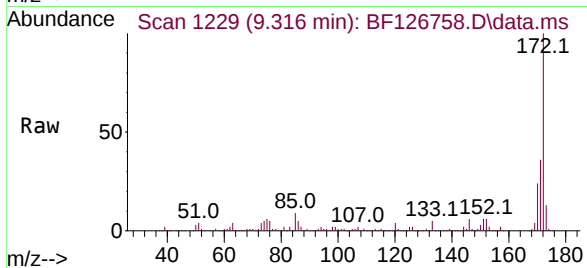
Tgt Ion:172 Resp: 1770738

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.442 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126758.D

Acq: 31 Jan 2022 18:27

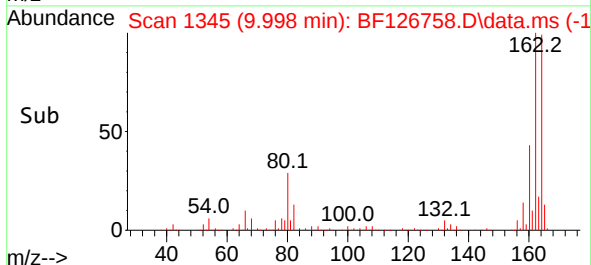
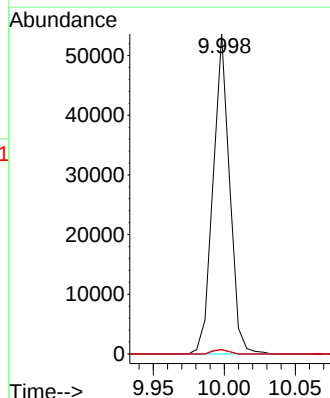
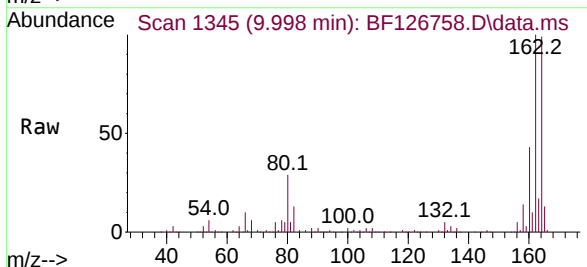
Tgt Ion:165 Resp: 43457

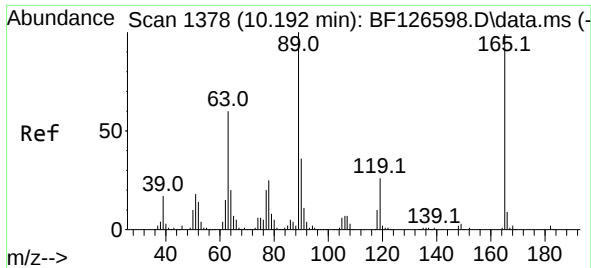
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.4 50.5 75.7#

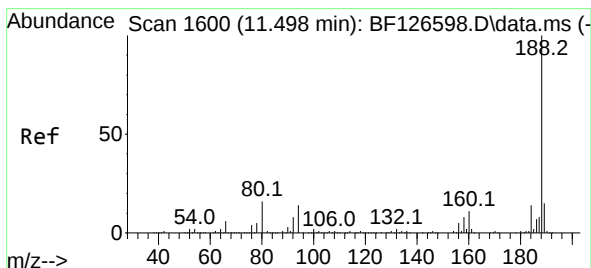
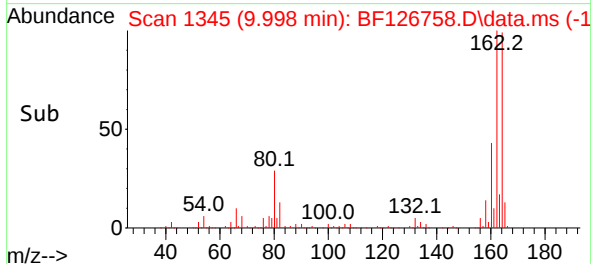
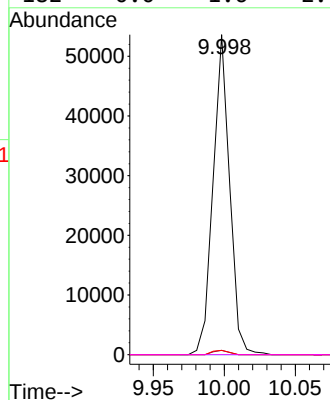
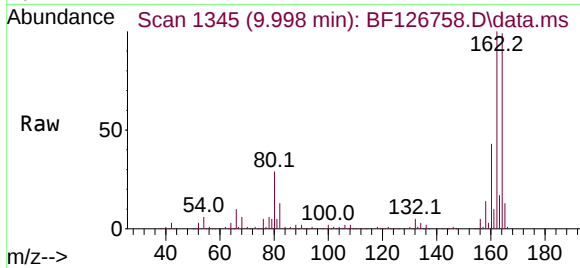




#57
2,4-Dinitrotoluene
Concen: 8.617 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

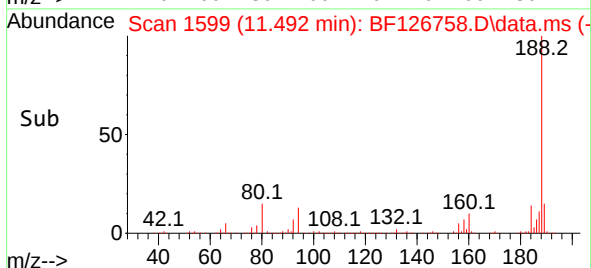
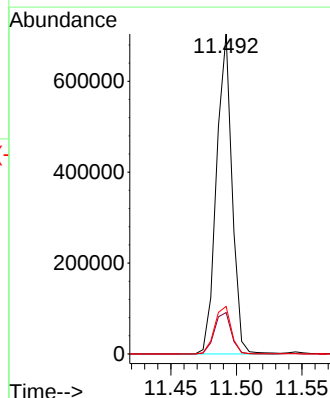
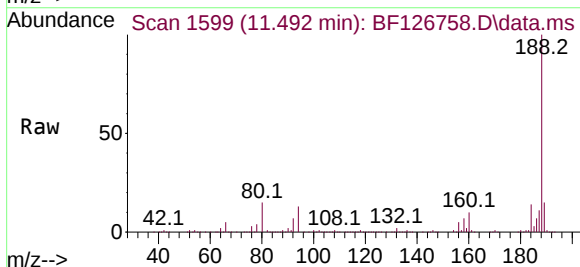
Instrument :
BNA_F
ClientSampleId :
MH-3D

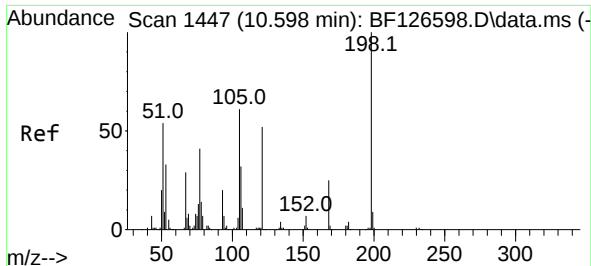
Tgt Ion:165 Resp: 43457
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion:188 Resp: 581804
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.8 11.8 17.6

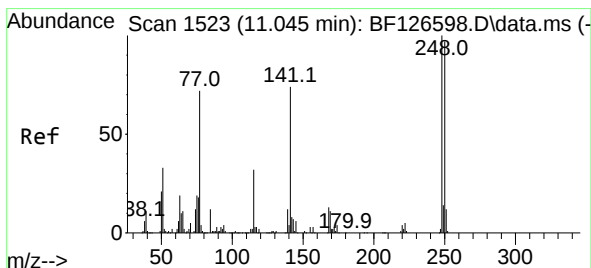
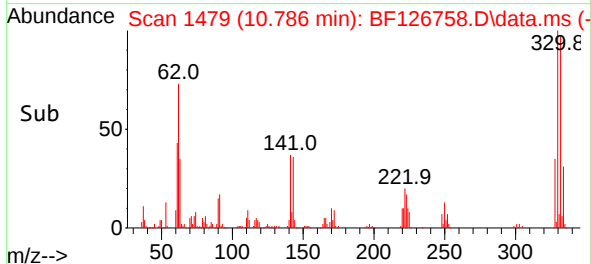
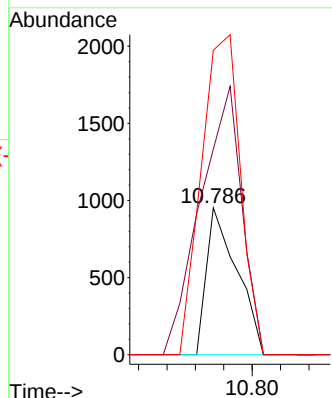
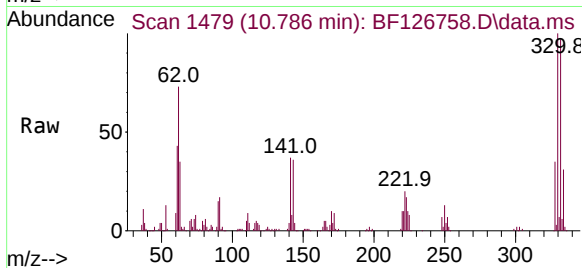




#65
4,6-Dinitro-2-methylphenol
Concen: 7.588 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

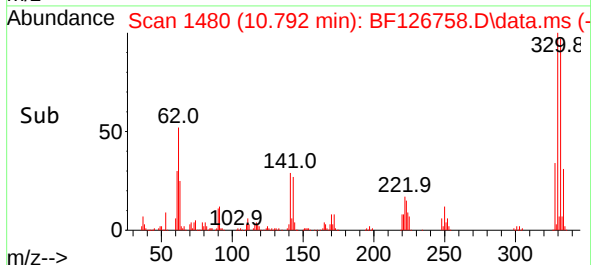
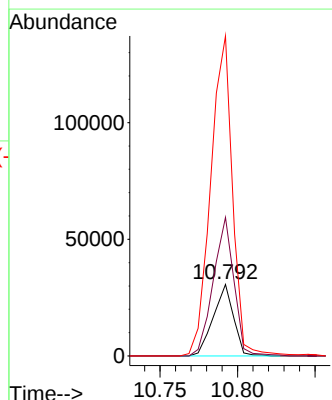
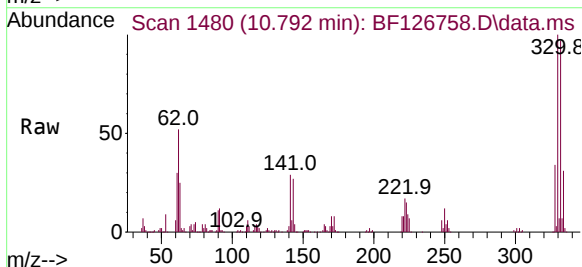
Instrument :
BNA_F
ClientSampleId :
MH-3D

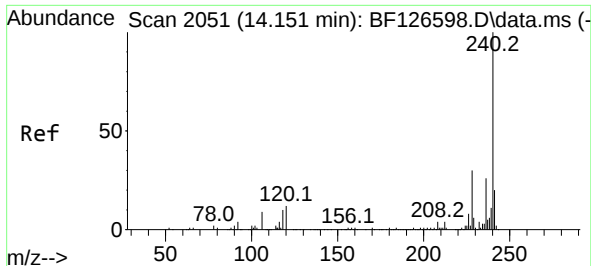
Tgt Ion:198 Resp: 711
Ion Ratio Lower Upper
198 100
51 139.8 32.0 72.0#
105 207.1 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.166 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Tgt Ion:248 Resp: 27932
Ion Ratio Lower Upper
248 100
250 193.6 76.2 114.4#
141 446.9 66.2 99.4#

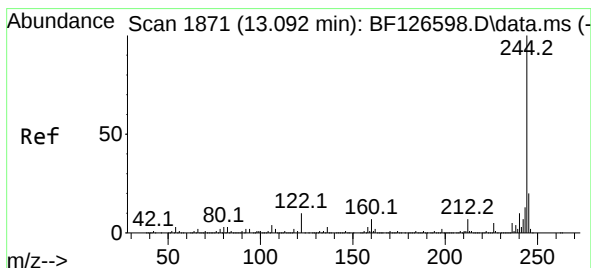
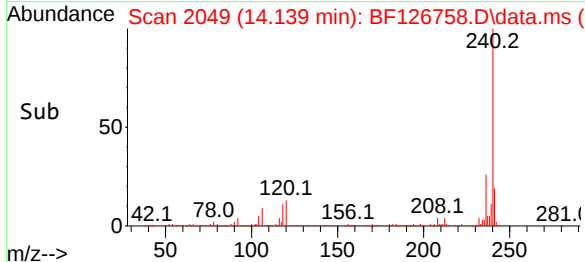
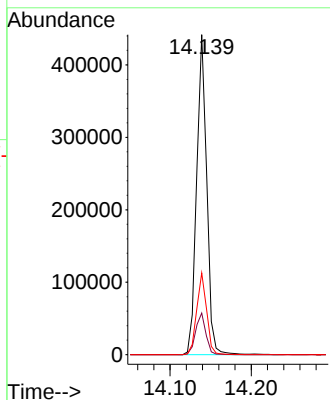
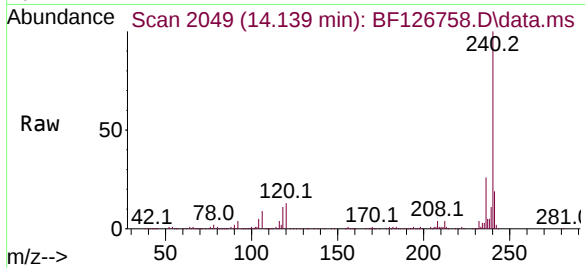




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

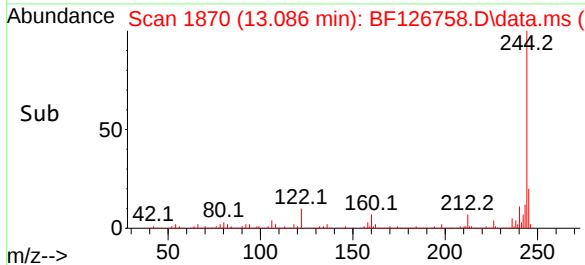
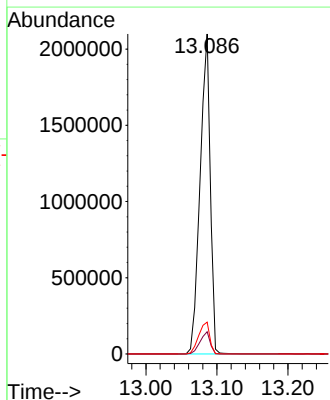
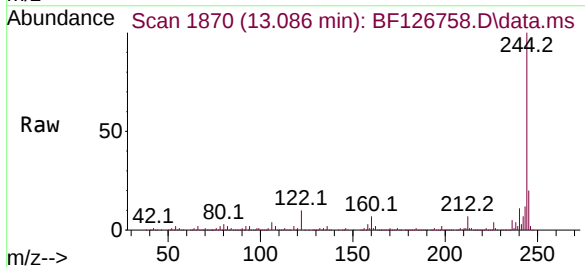
Instrument :
BNA_F
ClientSampleId :
MH-3D

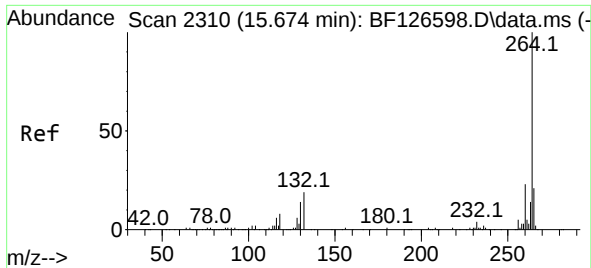
Tgt Ion:240 Resp: 384107
Ion Ratio Lower Upper
240 100
120 13.0 14.4 21.6#
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 91.389 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

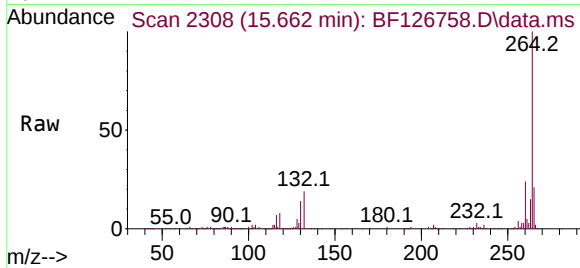
Tgt Ion:244 Resp: 2092890
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.0 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126758.D
Acq: 31 Jan 2022 18:27

Instrument :
BNA_F
ClientSampleId :
MH-3D



Tgt Ion:264 Resp: 285292
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.0 17.4 26.2

