

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126728.D
 Acq On : 28 Jan 2022 20:40
 Operator : CG/JU
 Sample : N1319-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1D

Quant Time: Jan 29 02:29:51 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)

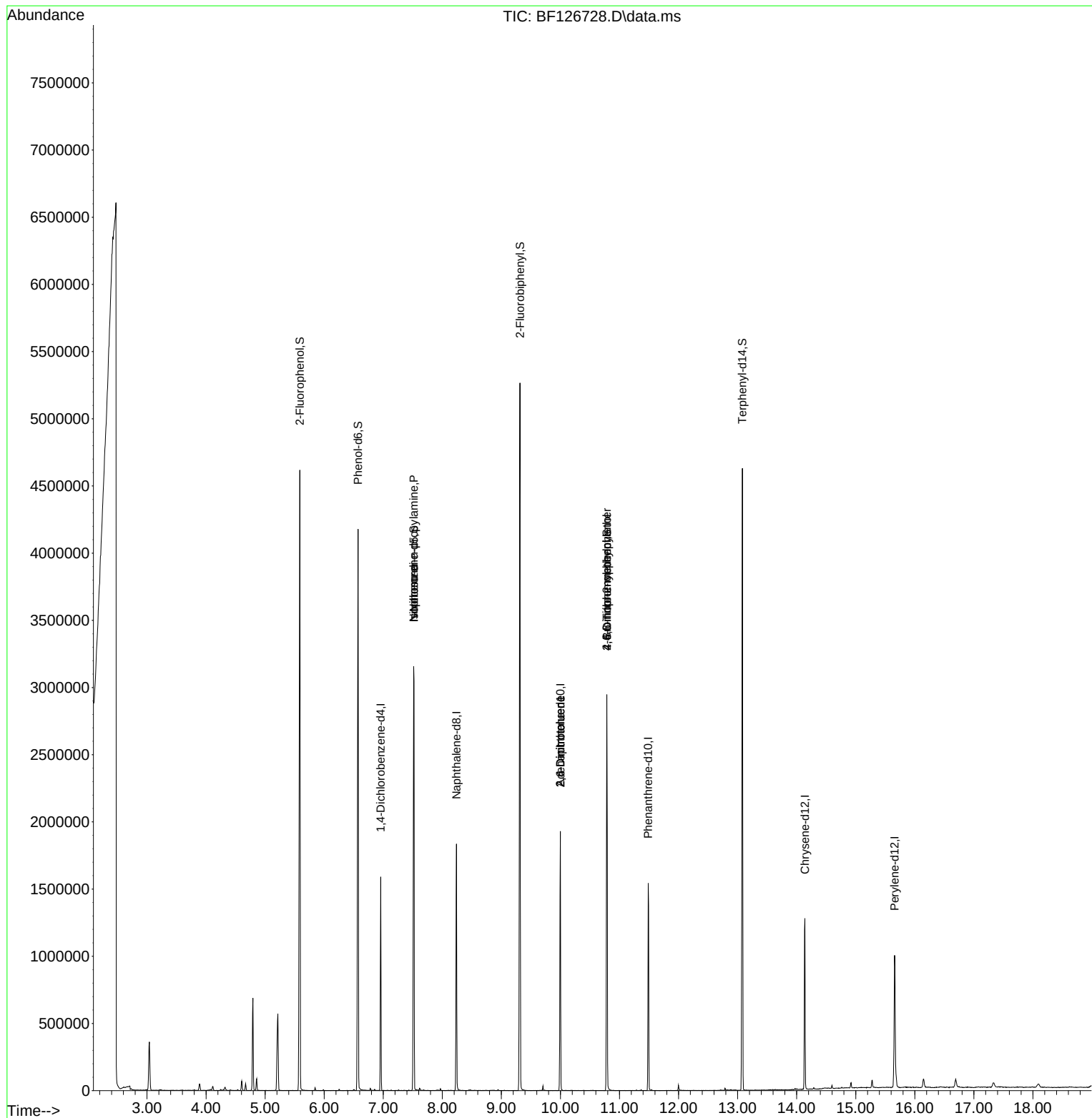
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	191706	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	714085	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	352921	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	522060	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	427667	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	437271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1297162	89.039	ng	0.02
7) Phenol-d6	6.575	99	1590620	78.584	ng	0.00
23) Nitrobenzene-d5	7.516	82	1319916	72.348	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	327145	99.051	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1587063	68.870	ng	0.00
79) Terphenyl-d14	13.080	244	1490883	58.471	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	502	Below Cal	#	59
19) n-Nitroso-di-n-propyla...	7.516	70	174616	11.820	ng	# 70
25) Isophorone	7.516	82	1313460	37.123	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	45997	10.634	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	45997	8.776	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	762	7.630	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	20396	3.390	ng	# 1

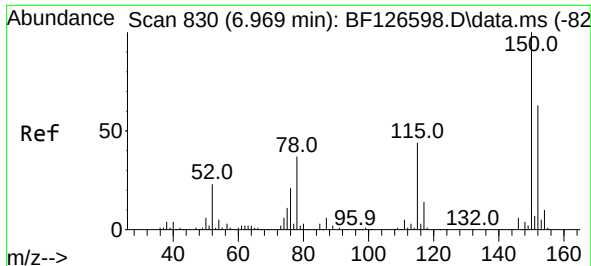
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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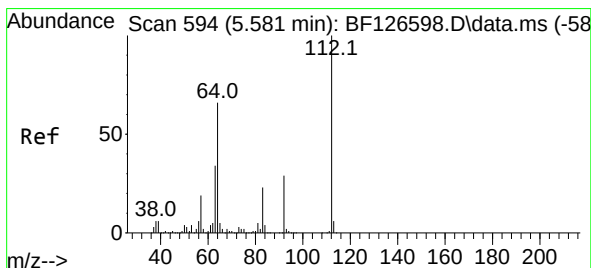
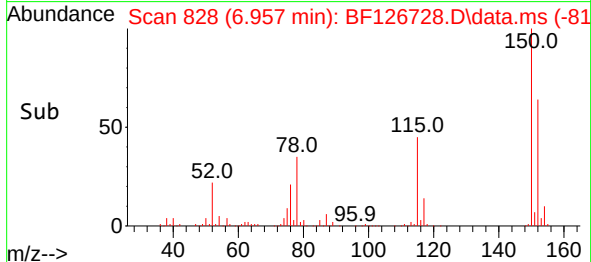
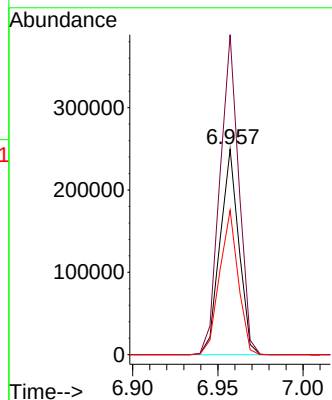
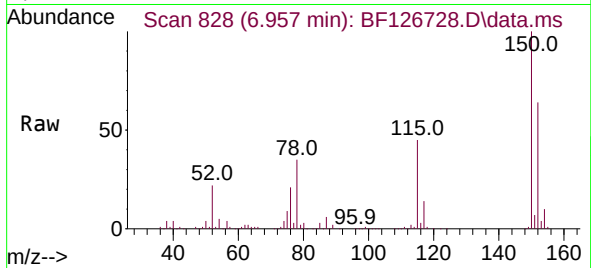




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126728.D
 Acq: 28 Jan 2022 20:40

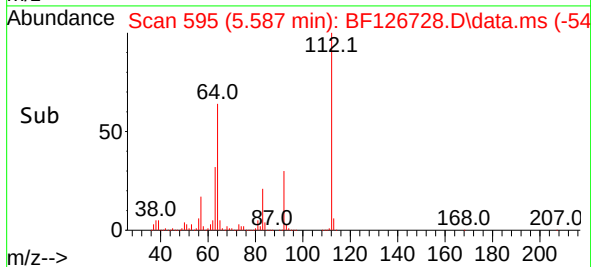
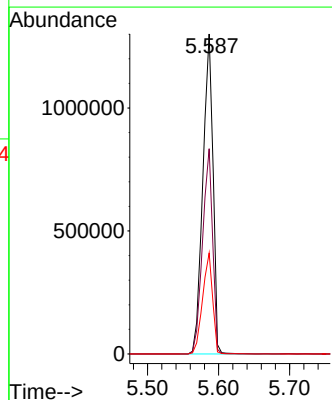
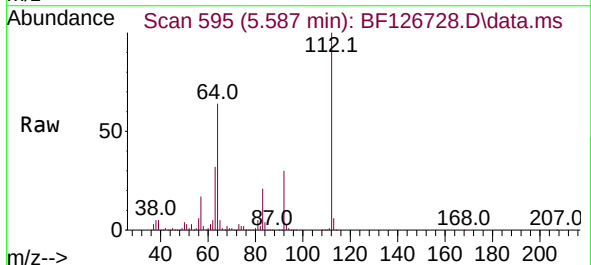
Instrument :
 BNA_F
 ClientSampleId :
 MH-1D

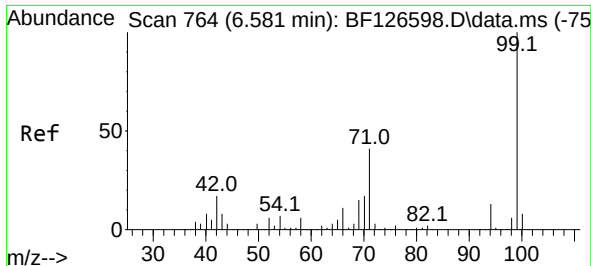
Tgt Ion:152 Resp: 191706
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.1 192.1
 115 70.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 89.039 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: BF126728.D
 Acq: 28 Jan 2022 20:40

Tgt Ion:112 Resp: 1297162
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.5 74.3
 63 31.6 23.9 35.9





#7

Phenol-d6

Concen: 78.584 ng

RT: 6.575 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126728.D

Acq: 28 Jan 2022 20:40

Instrument :

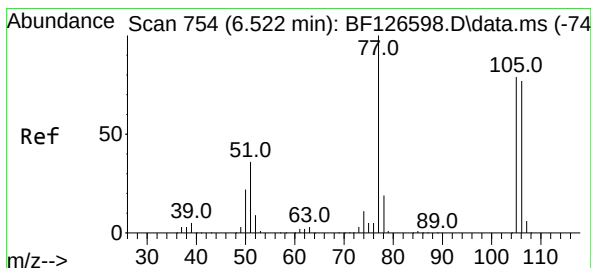
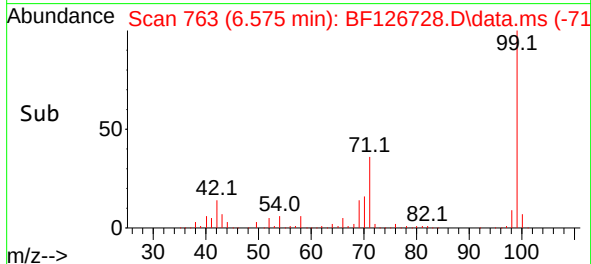
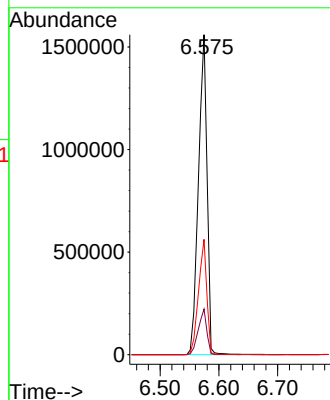
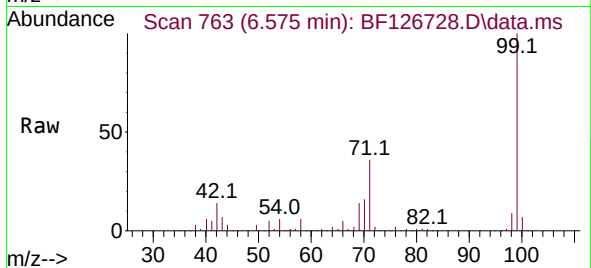
BNA_F

ClientSampleId :

MH-1D

Tgt Ion: 99 Resp: 1590620

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.4#
71	36.1	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

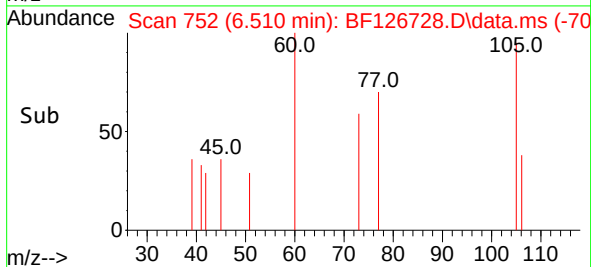
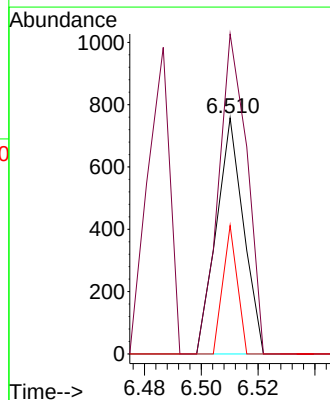
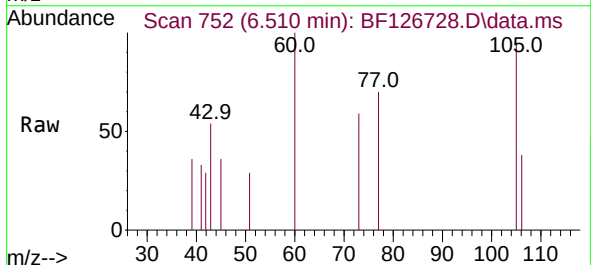
Delta R.T. 0.000 min

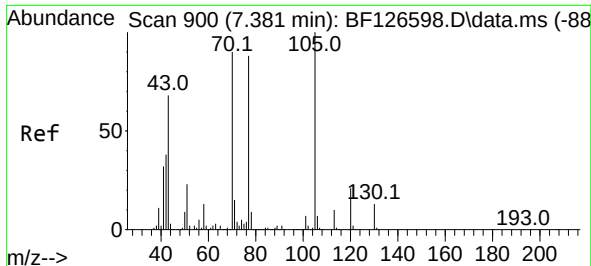
Lab File: BF126728.D

Acq: 28 Jan 2022 20:40

Tgt Ion: 77 Resp: 502

Ion	Ratio	Lower	Upper
77	100		
105	135.5	74.9	114.9#
106	54.4	72.4	112.4#

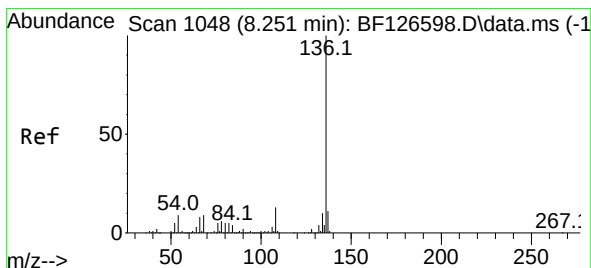
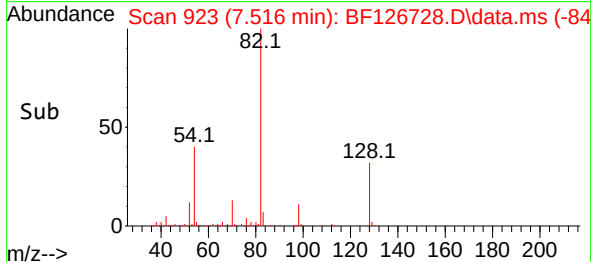
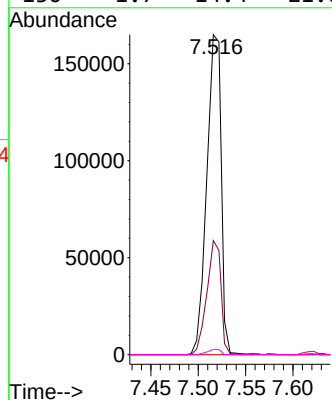
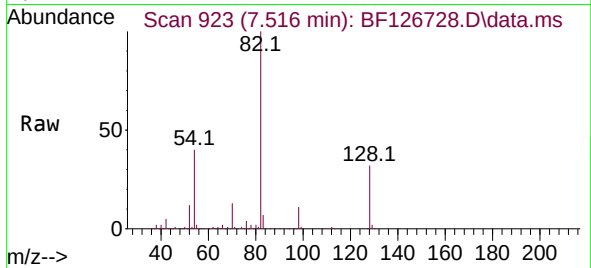




#19
n-Nitroso-di-n-propylamine
Concen: 11.820 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

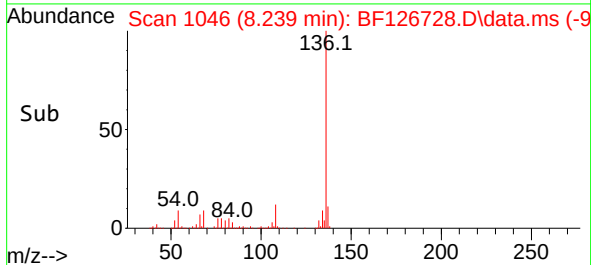
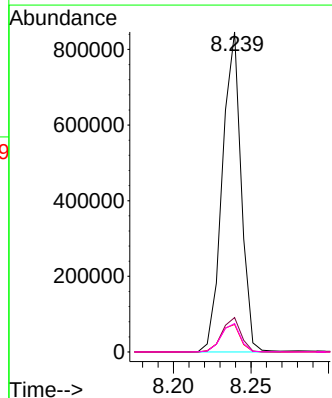
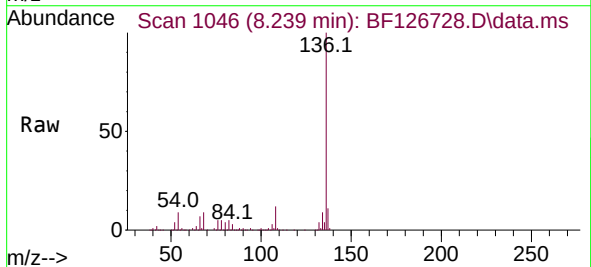
Instrument :
BNA_F
ClientSampleId :
MH-1D

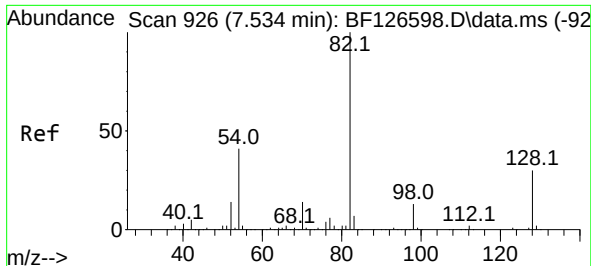
Tgt Ion: 70 Resp: 174616
Ion Ratio Lower Upper
70 100
42 35.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 136 Resp: 714085
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 8.9 6.3 9.5

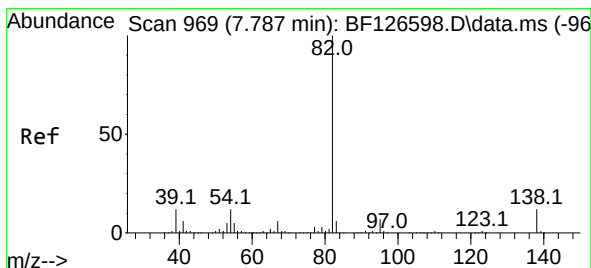
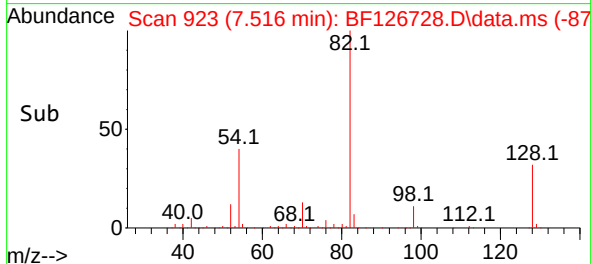
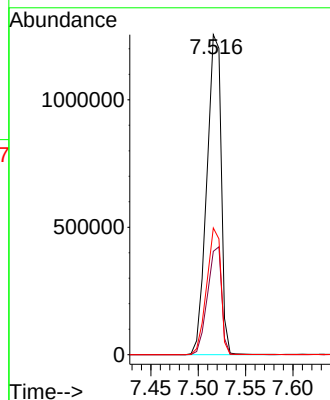
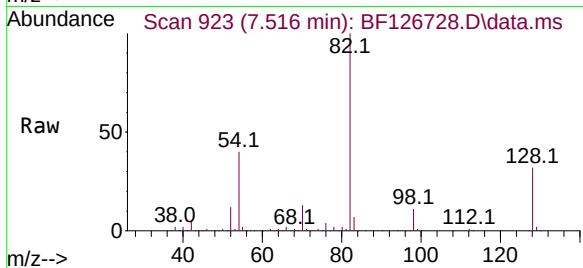




#23
Nitrobenzene-d5
Concen: 72.348 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

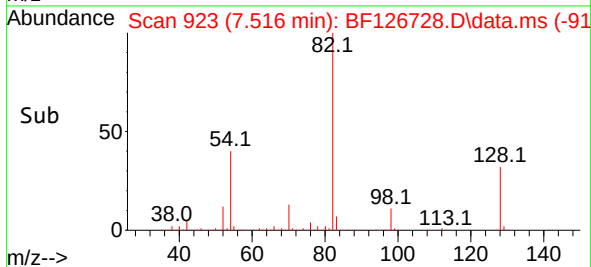
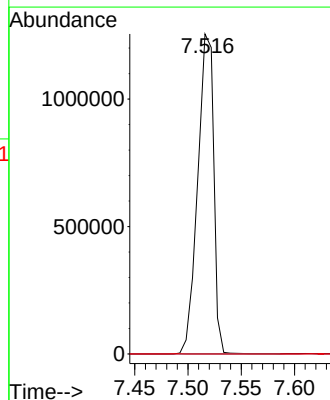
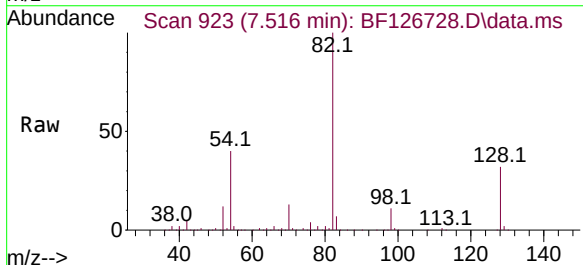
Instrument :
BNA_F
ClientSampleId :
MH-1D

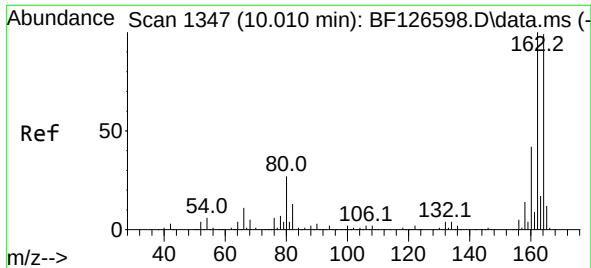
Tgt Ion: 82 Resp: 1319916
Ion Ratio Lower Upper
82 100
128 32.3 32.7 49.1#
54 39.6 41.7 62.5#



#25
Isophorone
Concen: 37.123 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

Tgt Ion: 82 Resp: 1313460
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

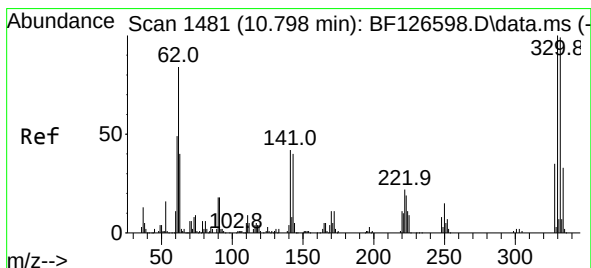
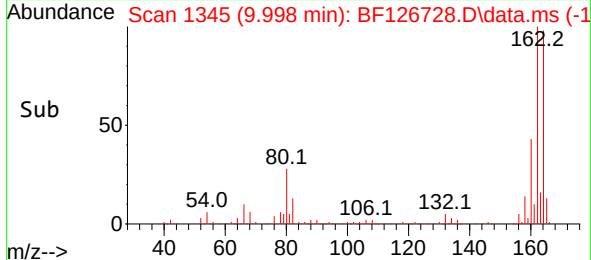
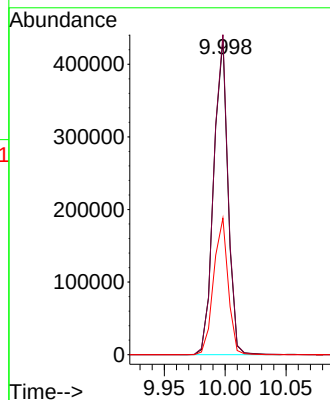
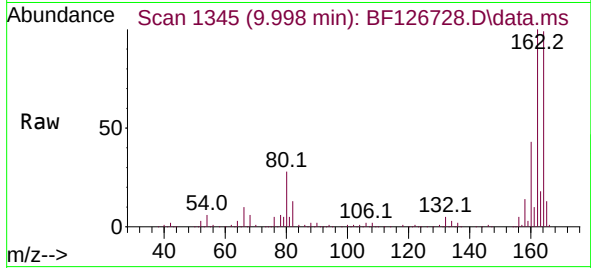




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

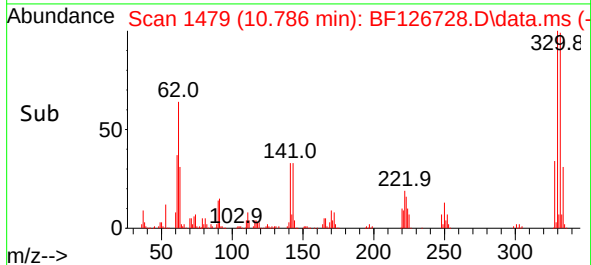
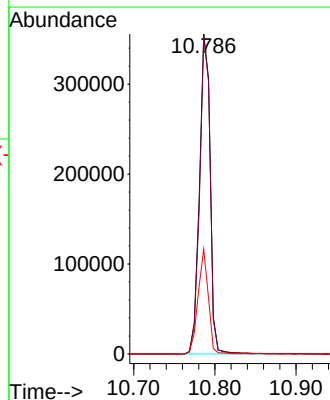
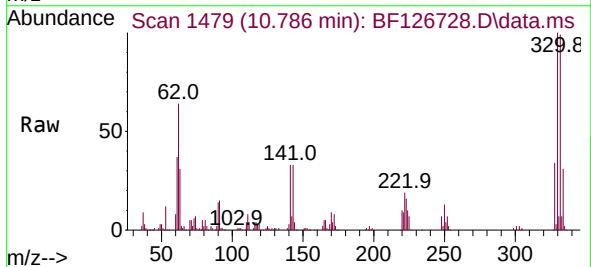
Instrument :
BNA_F
ClientSampleId :
MH-1D

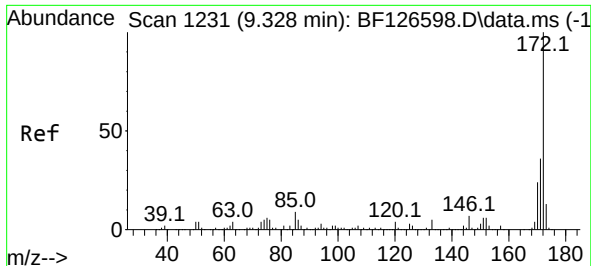
Tgt Ion:164 Resp: 352921
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 99.051 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

Tgt Ion:330 Resp: 327145
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 31.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 68.870 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126728.D

Acq: 28 Jan 2022 20:40

Instrument :

BNA_F

ClientSampleId :

MH-1D

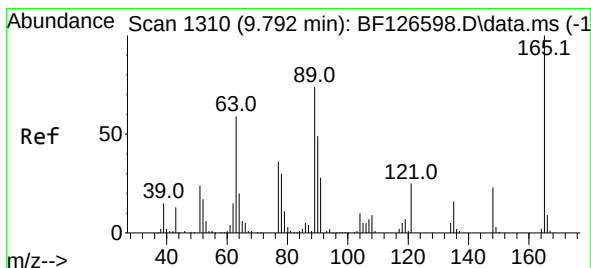
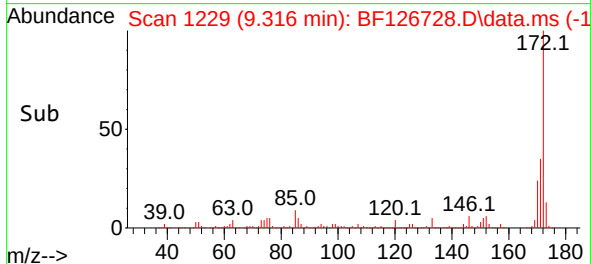
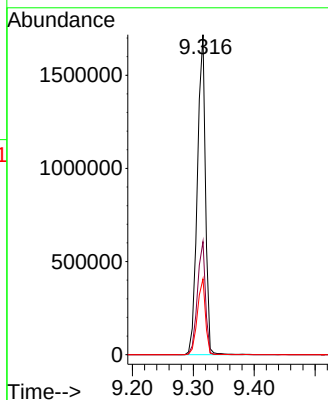
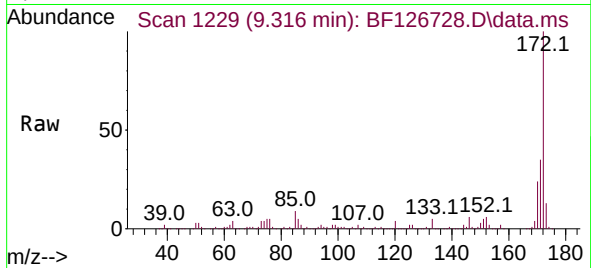
Tgt Ion:172 Resp: 1587063

Ion Ratio Lower Upper

172 100

171 35.3 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: BF126728.D

Acq: 28 Jan 2022 20:40

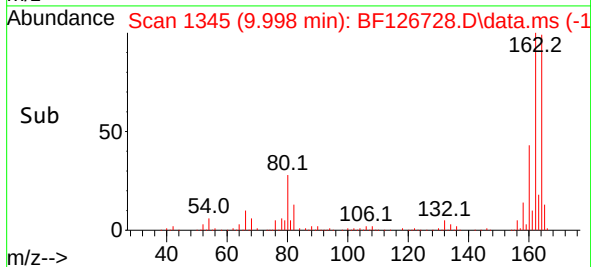
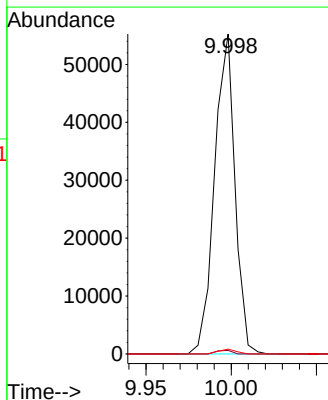
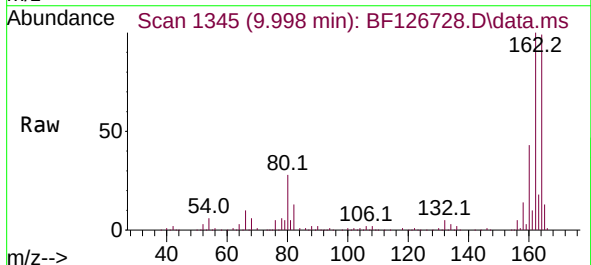
Tgt Ion:165 Resp: 45997

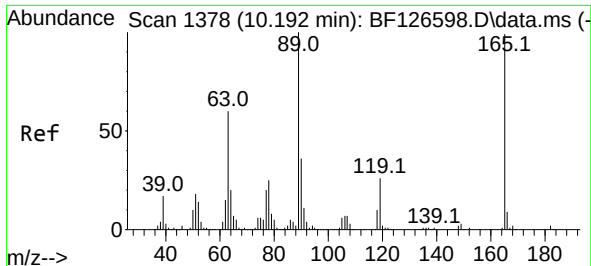
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.5 50.5 75.7#

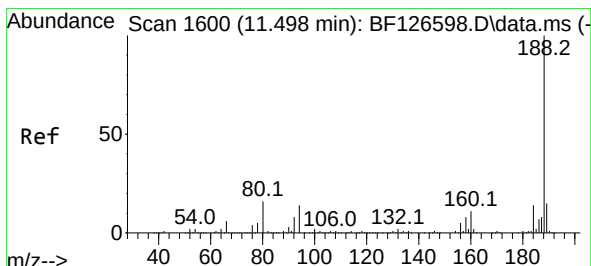
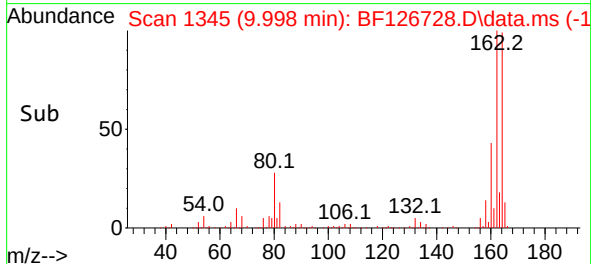
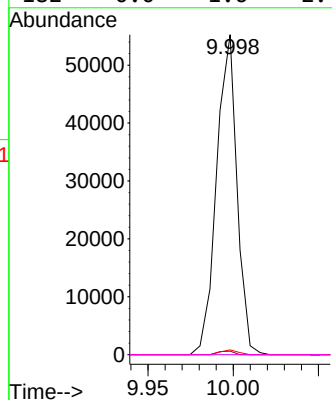
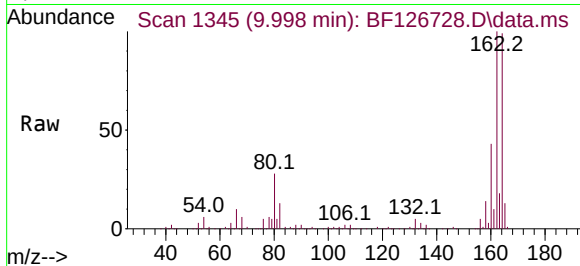




#57
2,4-Dinitrotoluene
Concen: 8.776 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

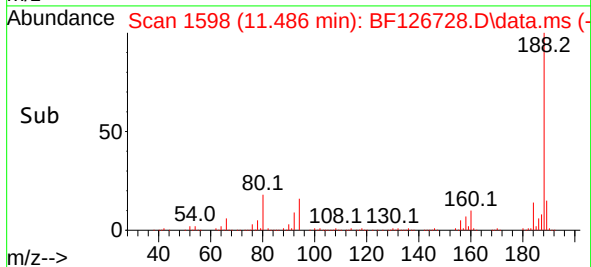
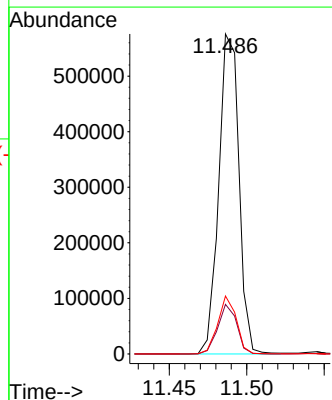
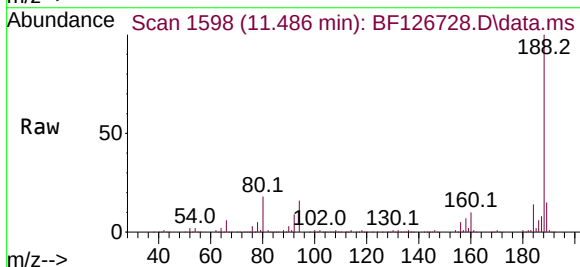
Instrument :
BNA_F
ClientSampleId :
MH-1D

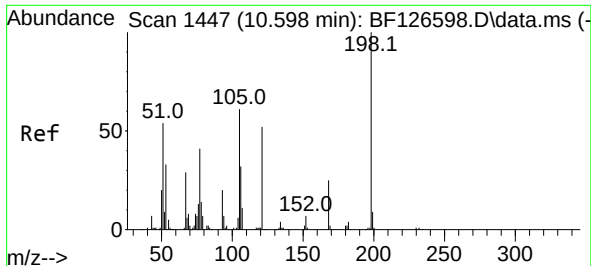
Tgt Ion:165 Resp: 45997
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

Tgt Ion:188 Resp: 522060
Ion Ratio Lower Upper
188 100
94 15.5 10.1 15.1#
80 18.1 11.8 17.6#

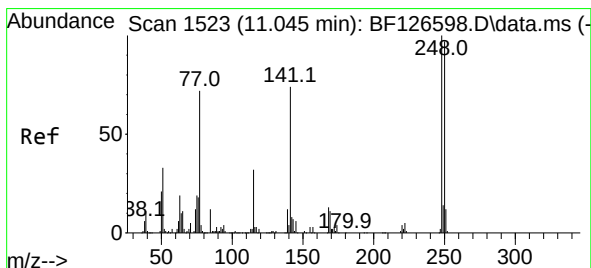
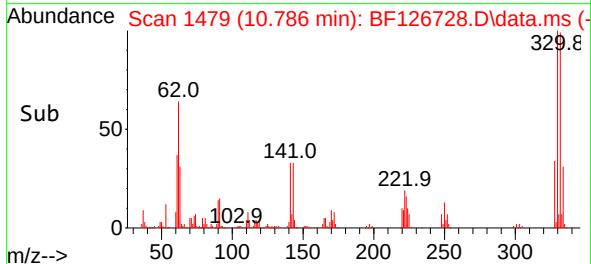
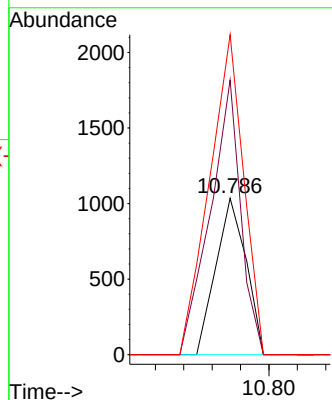
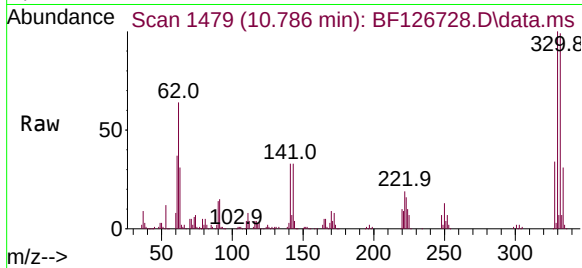




#65
4,6-Dinitro-2-methylphenol
Concen: 7.630 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

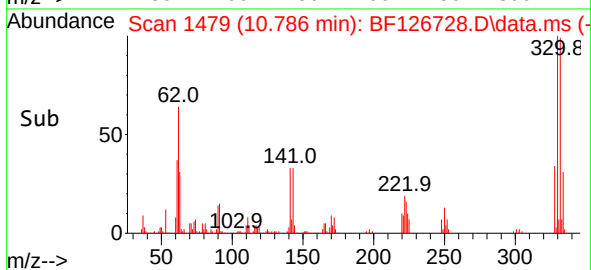
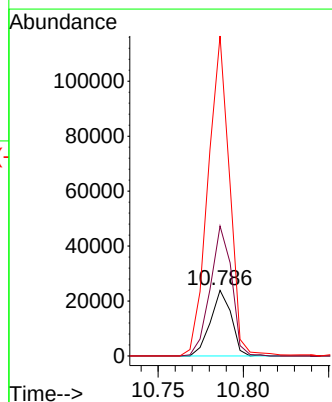
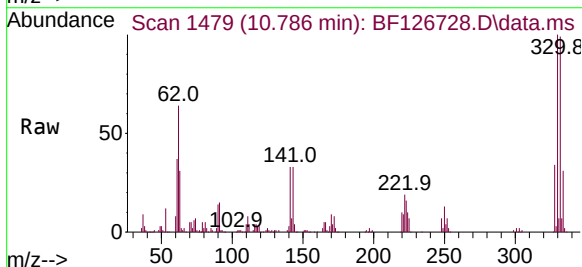
Instrument :
BNA_F
ClientSampleId :
MH-1D

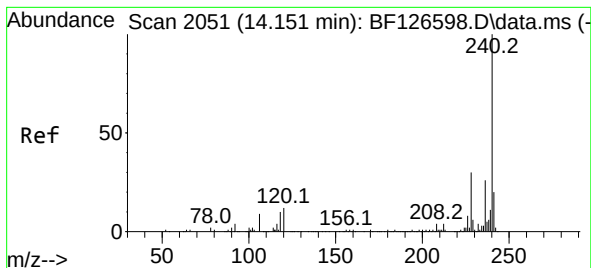
Tgt Ion:198 Resp: 762
Ion Ratio Lower Upper
198 100
51 175.7 32.0 72.0#
105 204.6 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126728.D
Acq: 28 Jan 2022 20:40

Tgt Ion:248 Resp: 20396
Ion Ratio Lower Upper
248 100
250 197.9 76.2 114.4#
141 487.5 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: BF126728.D

Acq: 28 Jan 2022 20:40

Instrument :

BNA_F

ClientSampleId :

MH-1D

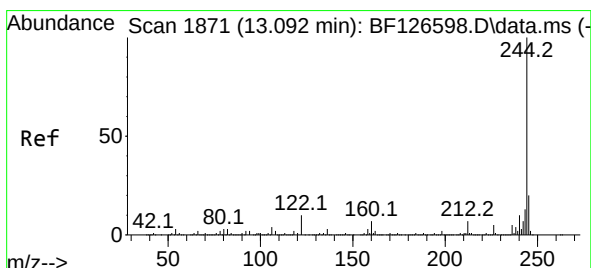
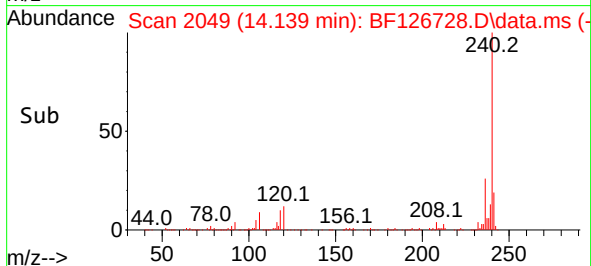
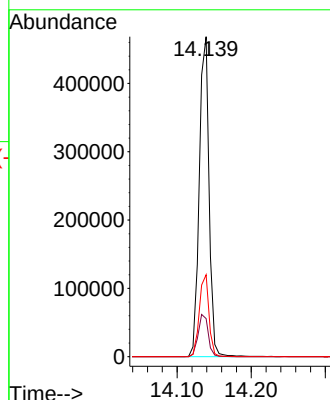
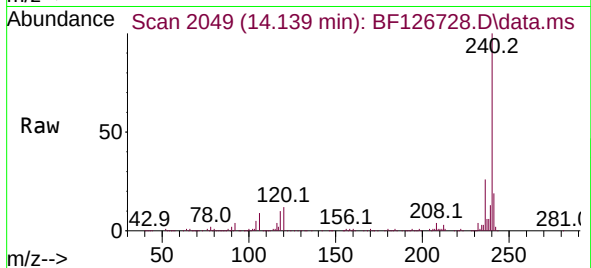
Tgt Ion:240 Resp: 427667

Ion Ratio Lower Upper

240 100

120 11.9 14.4 21.6#

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 58.471 ng

RT: 13.080 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BF126728.D

Acq: 28 Jan 2022 20:40

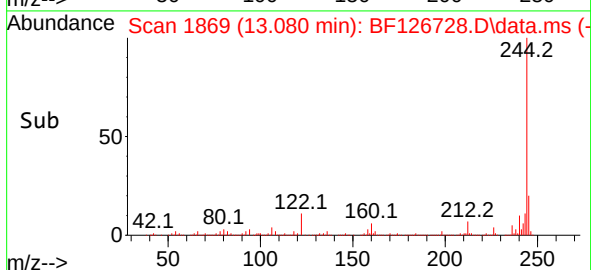
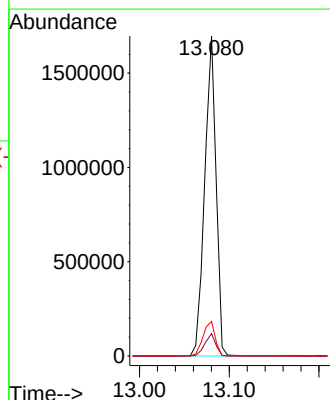
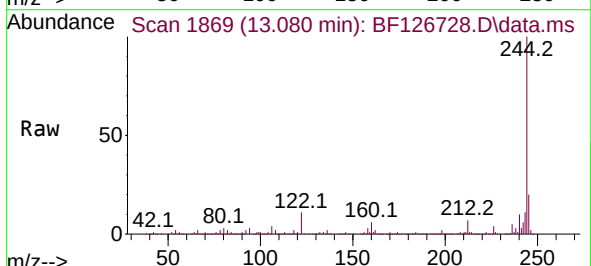
Tgt Ion:244 Resp: 1490883

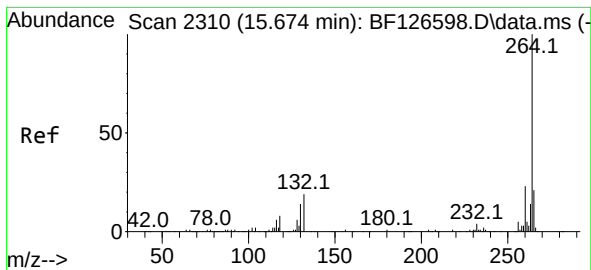
Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 10.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126728.D
 Acq: 28 Jan 2022 20:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-1D

Tgt Ion:264 Resp: 437271
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.4 26.2

