

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126763.D
 Acq On : 31 Jan 2022 20:41
 Operator : CG/JU
 Sample : N1325-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TES-2

Quant Time: Feb 01 02:43:07 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)

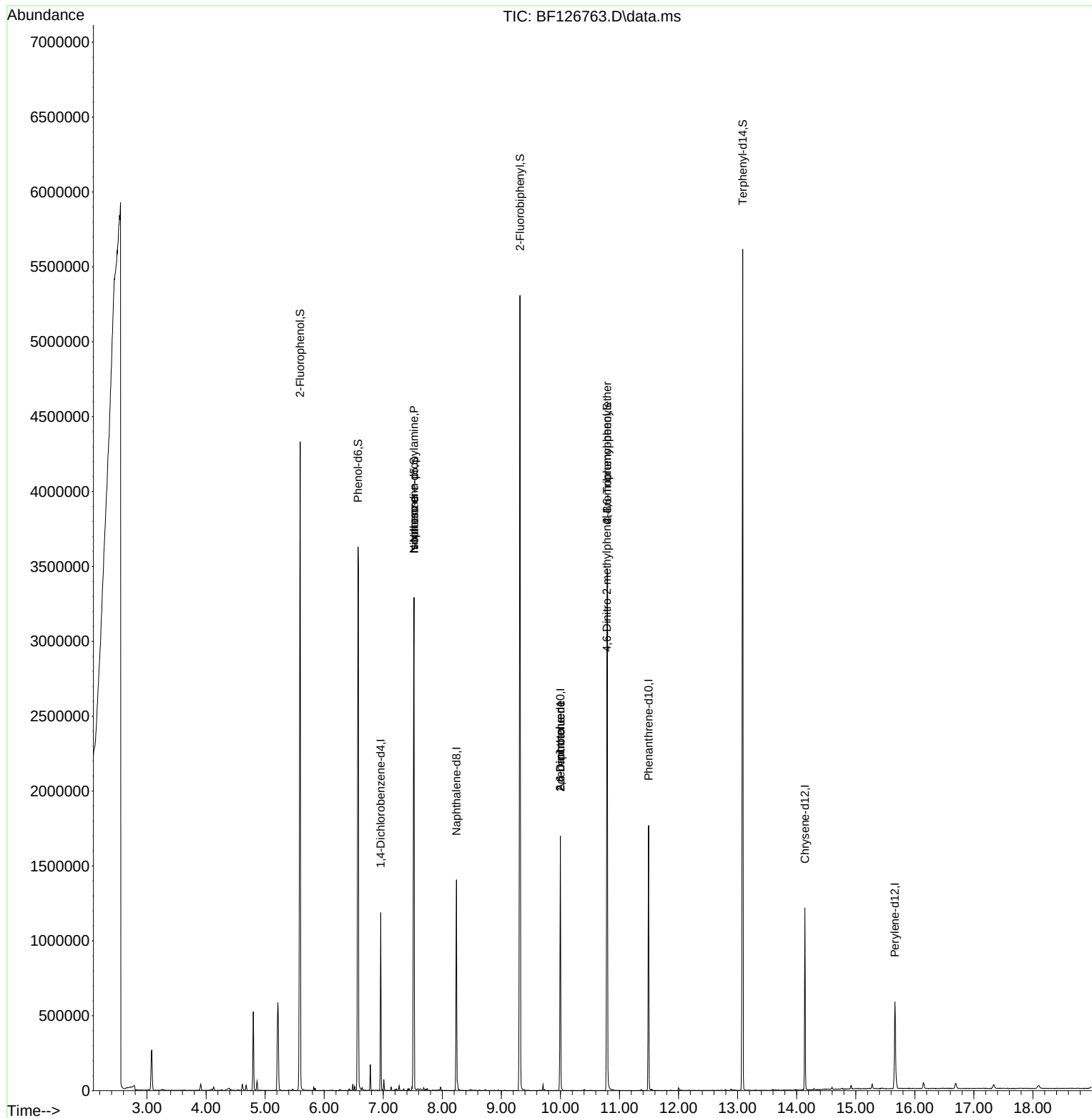
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	142556	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	570823	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	321018	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	567937	20.000	ng	0.00
76) Chrysene-d12	14.139	240	377015	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	272346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1251293	115.504	ng	0.02
7) Phenol-d6	6.575	99	1596027	106.037	ng	0.00
23) Nitrobenzene-d5	7.522	82	1300051	89.144	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	424863	141.422	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1692163	80.729	ng	0.00
79) Terphenyl-d14	13.086	244	1996960	88.841	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1205	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	173355	15.780	ng	# 68
25) Isophorone	7.522	82	1291755	45.673	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	40145	10.204	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	40145	8.420	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	832	7.631	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26013	3.974	ng	# 1

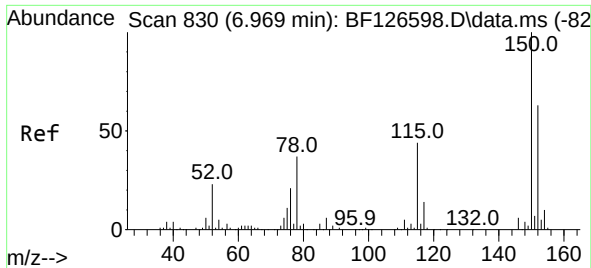
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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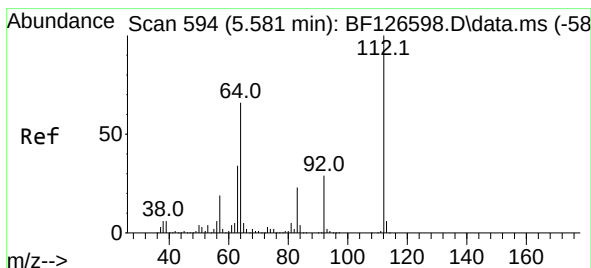
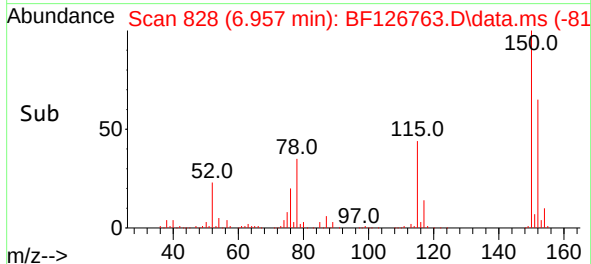
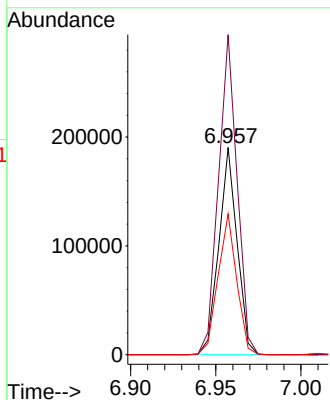
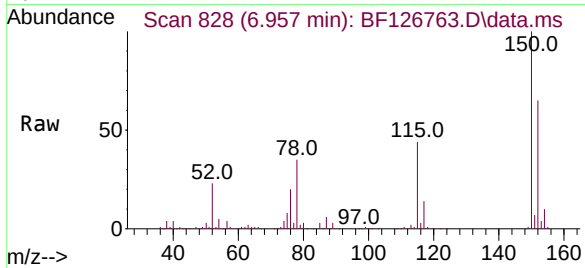




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126763.D
 Acq: 31 Jan 2022 20:41

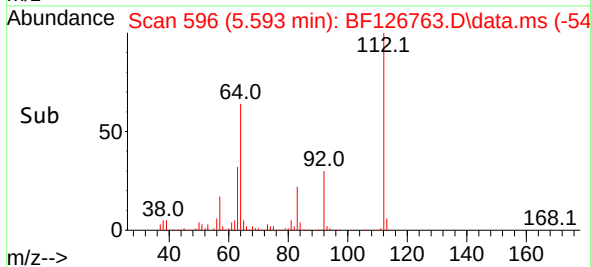
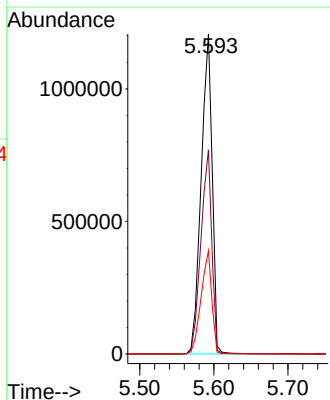
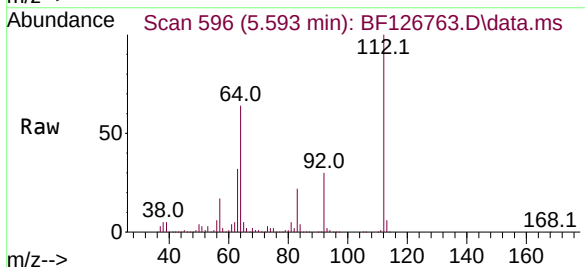
Instrument :
 BNA_F
 ClientSampleId :
 TES-2

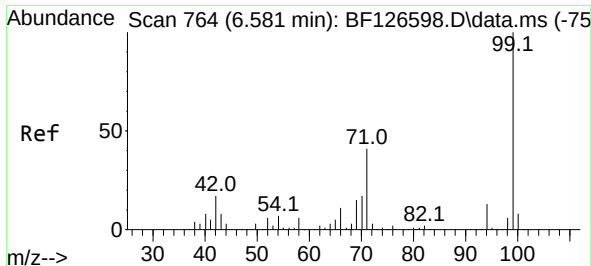
Tgt Ion:152 Resp: 142556
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.1 192.1
 115 68.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 115.504 ng
 RT: 5.593 min Scan# 596
 Delta R.T. 0.024 min
 Lab File: BF126763.D
 Acq: 31 Jan 2022 20:41

Tgt Ion:112 Resp: 1251293
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.5 74.3
 63 32.2 23.9 35.9





#7

Phenol-d6

Concen: 106.037 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

Instrument :

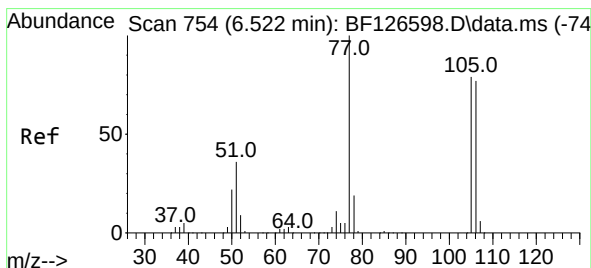
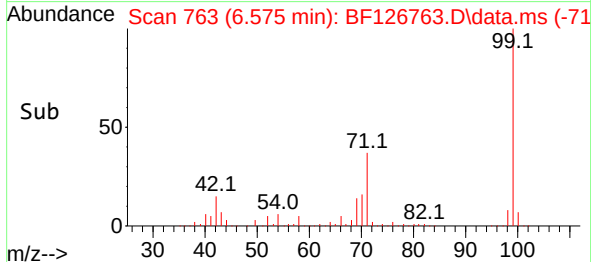
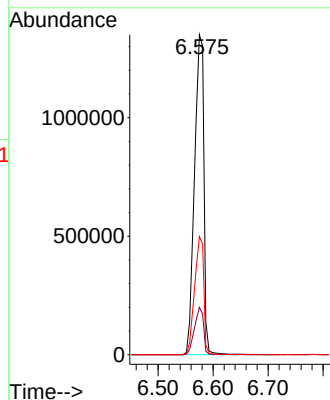
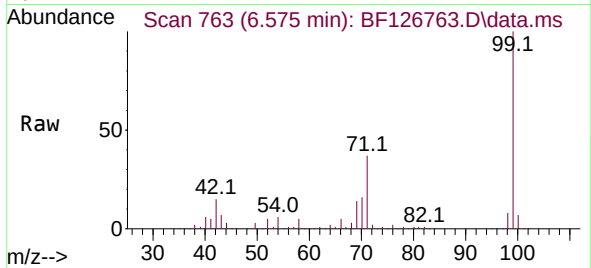
BNA_F

ClientSampleId :

TES-2

Tgt Ion: 99 Resp: 1596027

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.2	21.4
71	36.9	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

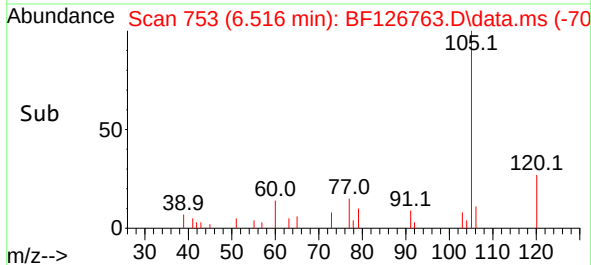
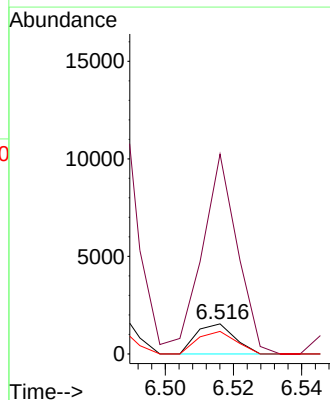
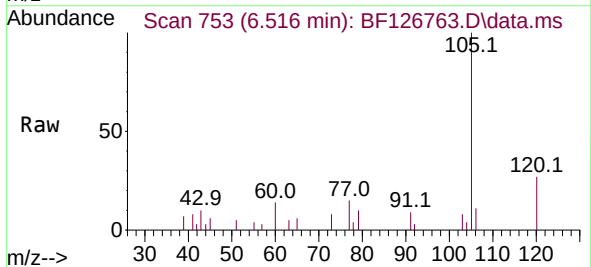
Delta R.T. 0.006 min

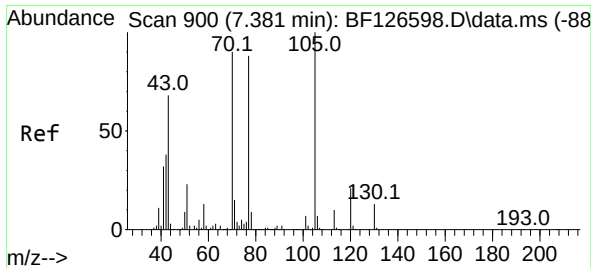
Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

Tgt Ion: 77 Resp: 1205

Ion	Ratio	Lower	Upper
77	100		
105	664.3	74.9	114.9
106	75.0	72.4	112.4

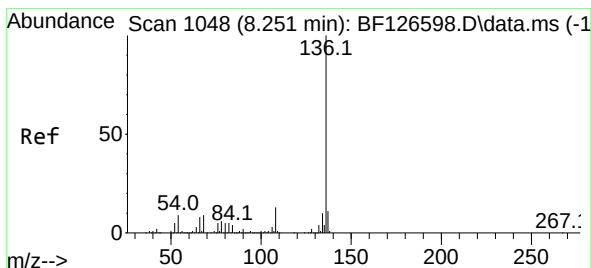
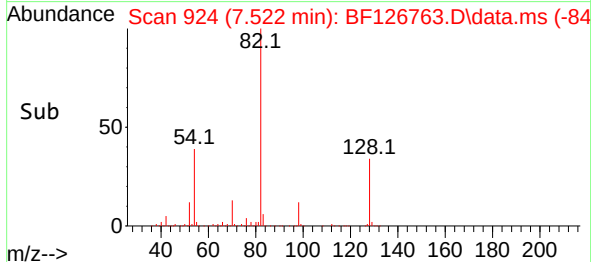
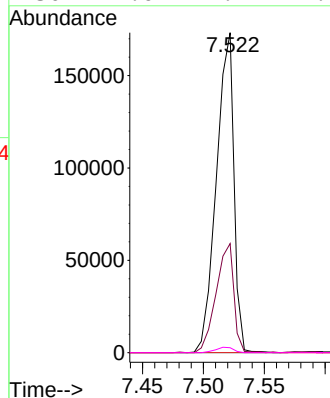
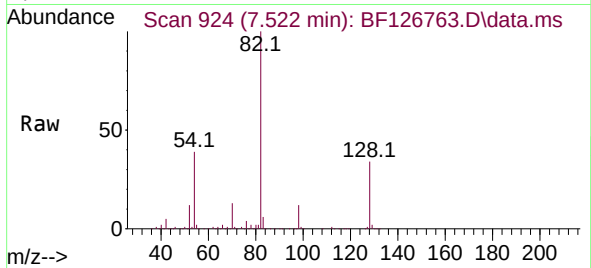




#19
n-Nitroso-di-n-propylamine
Concen: 15.780 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

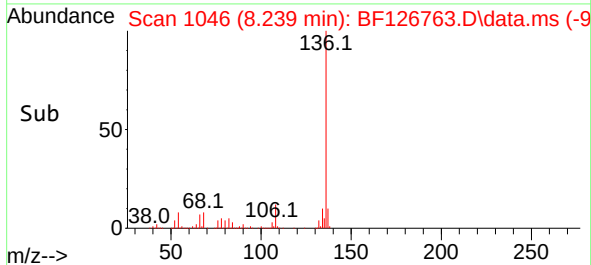
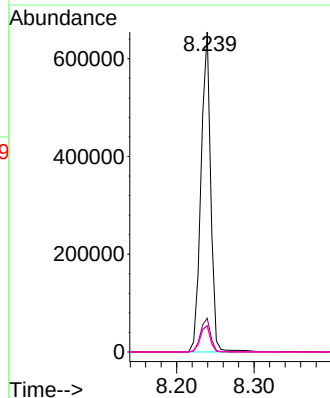
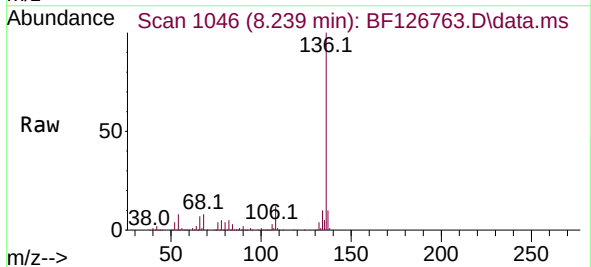
Instrument :
BNA_F
ClientSampleId :
TES-2

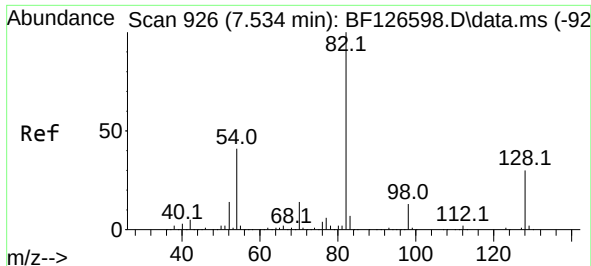
Tgt Ion: 70 Resp: 173355
Ion Ratio Lower Upper
70 100
42 34.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

Tgt Ion: 136 Resp: 570823
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.8 11.6
68 8.2 6.3 9.5





#23

Nitrobenzene-d5

Concen: 89.144 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

Instrument :

BNA_F

ClientSampleId :

TES-2

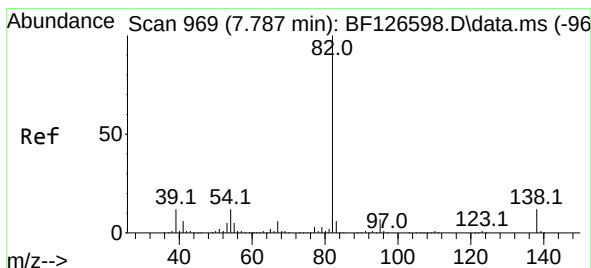
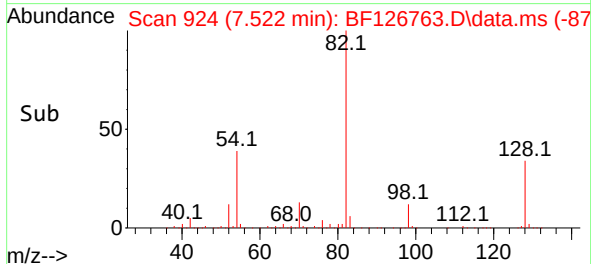
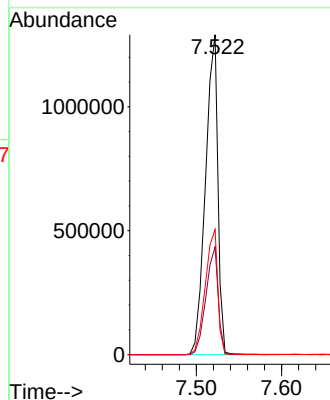
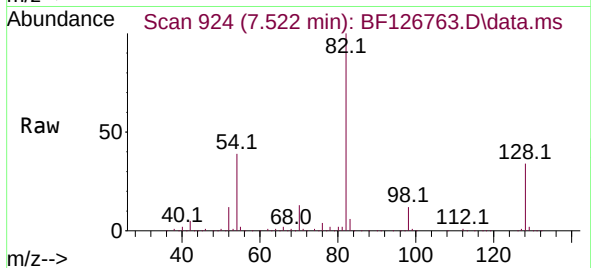
Tgt Ion: 82 Resp: 1300051

Ion Ratio Lower Upper

82 100

128 33.7 32.7 49.1

54 39.1 41.7 62.5#



#25

Isophorone

Concen: 45.673 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

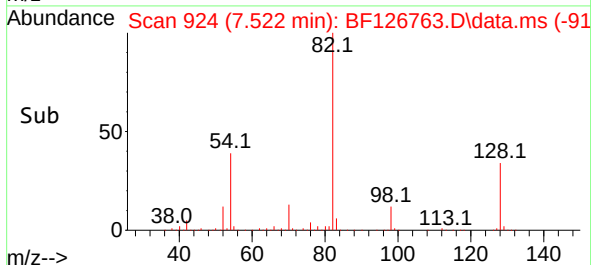
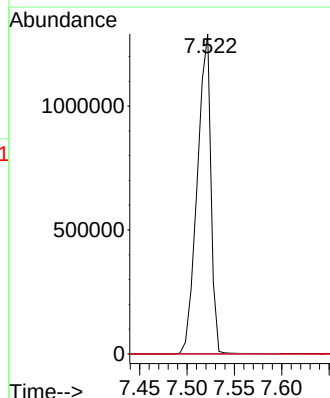
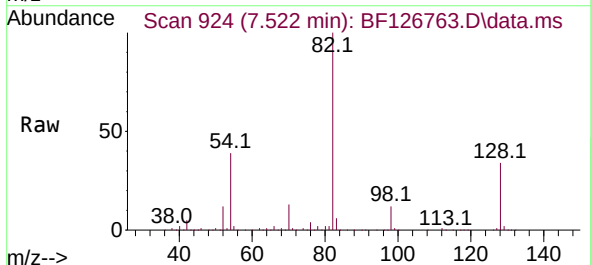
Tgt Ion: 82 Resp: 1291755

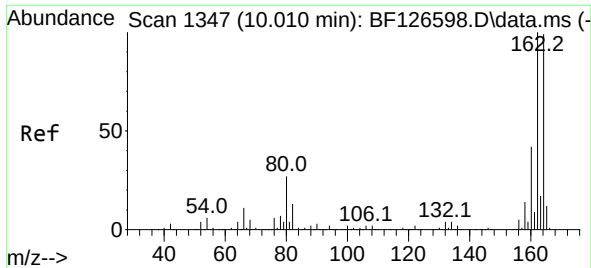
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

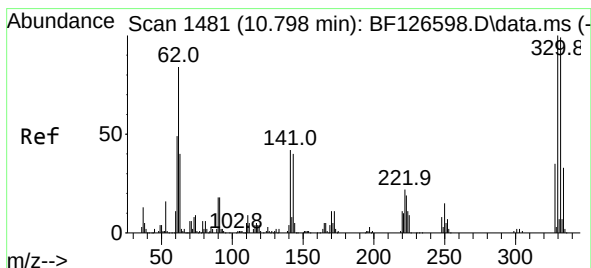
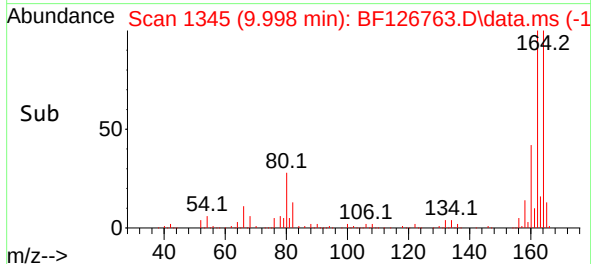
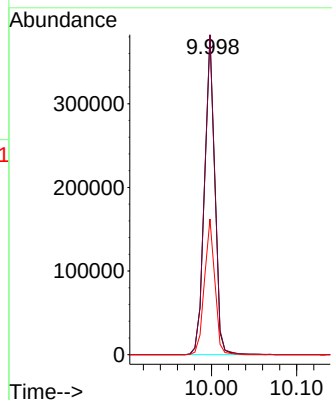
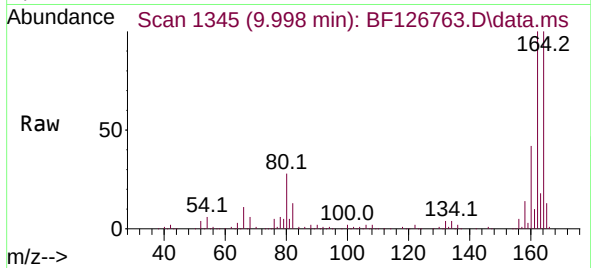




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

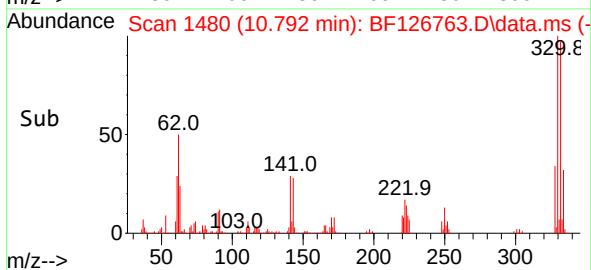
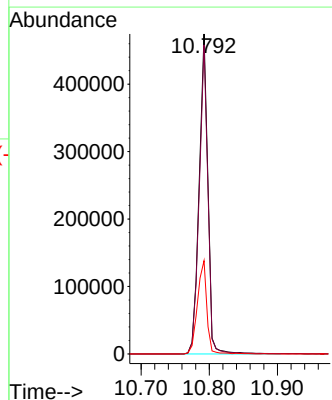
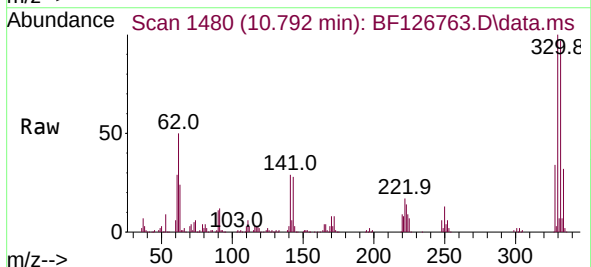
Instrument :
BNA_F
ClientSampleId :
TES-2

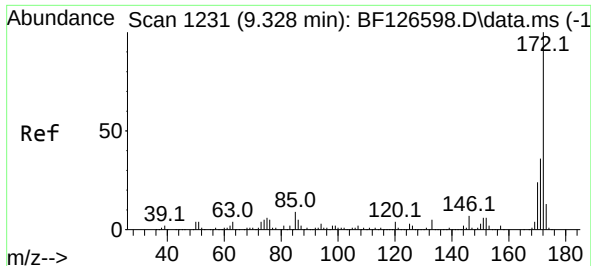
Tgt Ion:164 Resp: 321018
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 42.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 141.422 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

Tgt Ion:330 Resp: 424863
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 31.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 80.729 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

Instrument :

BNA_F

ClientSampleId :

TES-2

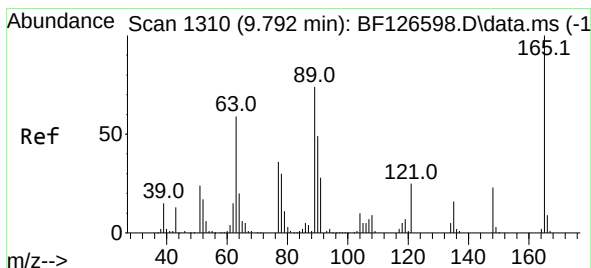
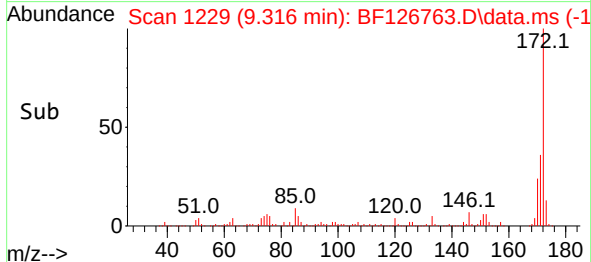
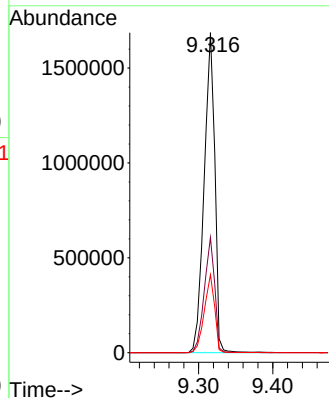
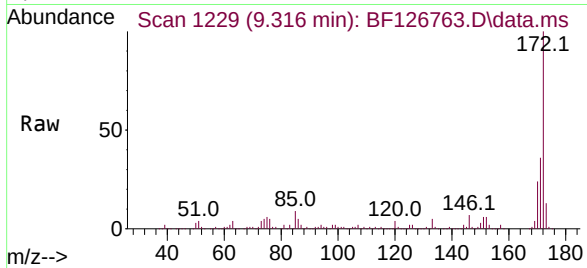
Tgt Ion:172 Resp: 1692163

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 24.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.204 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

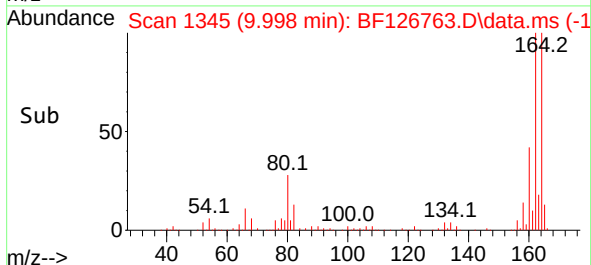
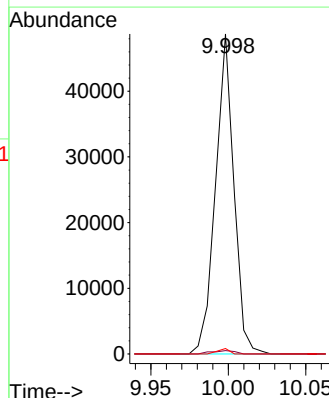
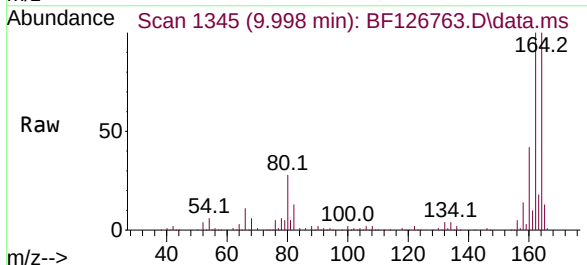
Tgt Ion:165 Resp: 40145

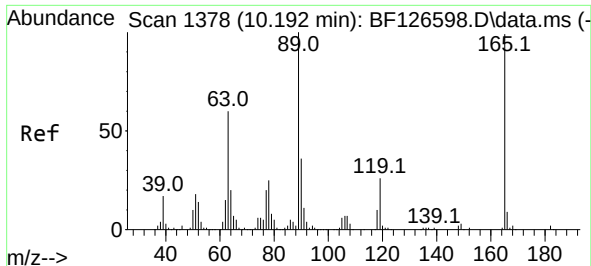
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.7 50.5 75.7#

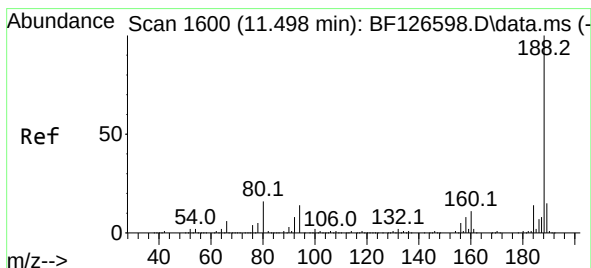
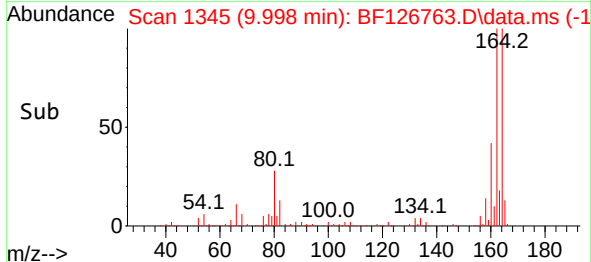
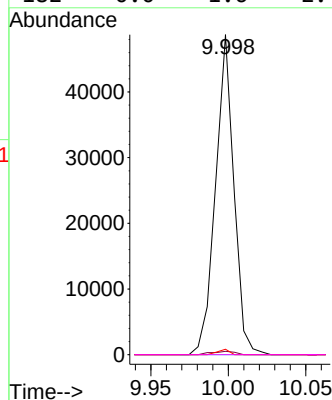
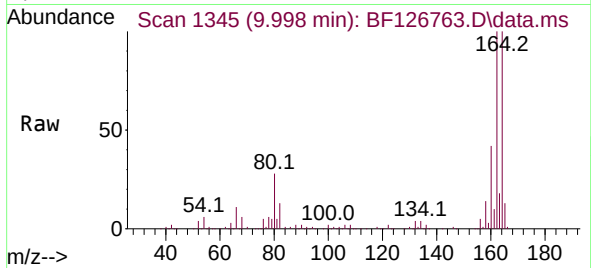




#57
2,4-Dinitrotoluene
Concen: 8.420 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

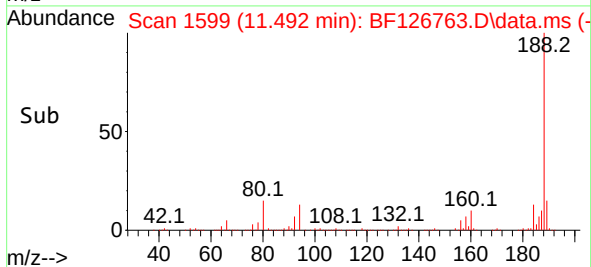
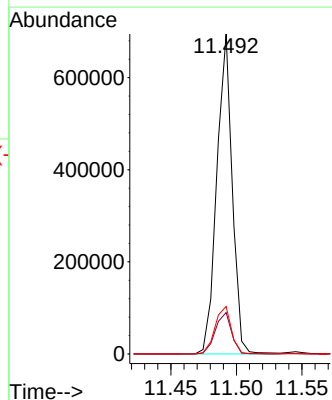
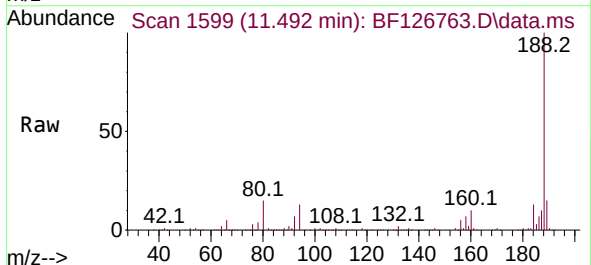
Instrument :
BNA_F
ClientSampleId :
TES-2

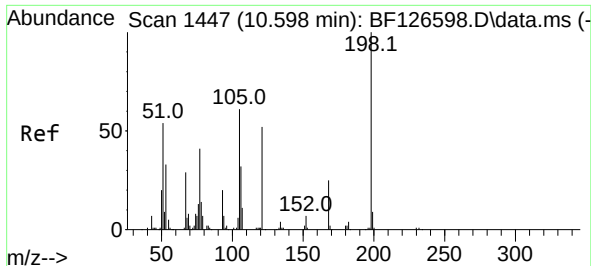
Tgt Ion:165 Resp: 40145
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126763.D
Acq: 31 Jan 2022 20:41

Tgt Ion:188 Resp: 567937
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 14.8 11.8 17.6

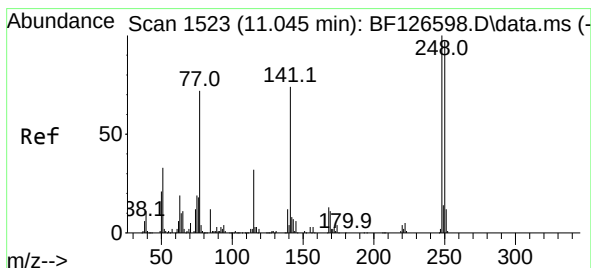
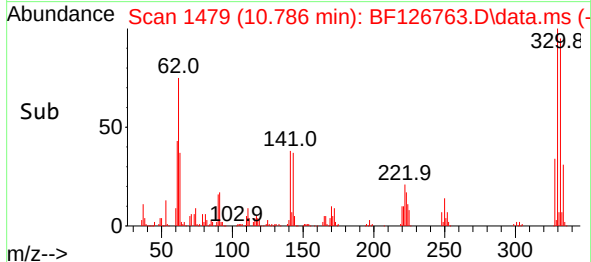
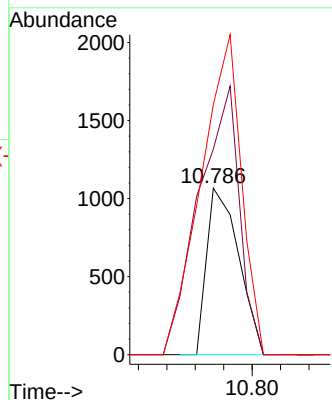
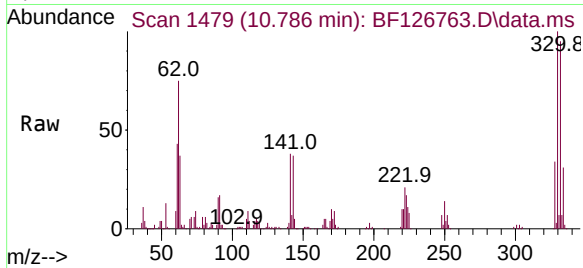




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.631 ng
 RT: 10.786 min Scan# 1447
 Delta R.T. 0.194 min
 Lab File: BF126763.D
 Acq: 31 Jan 2022 20:41

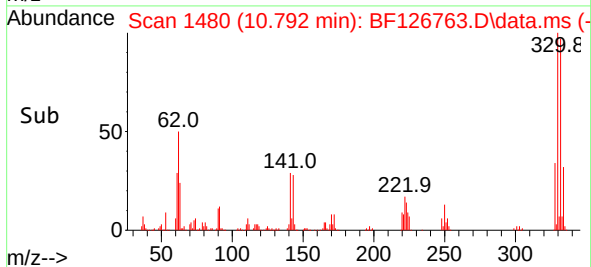
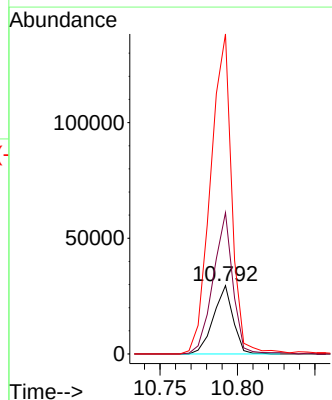
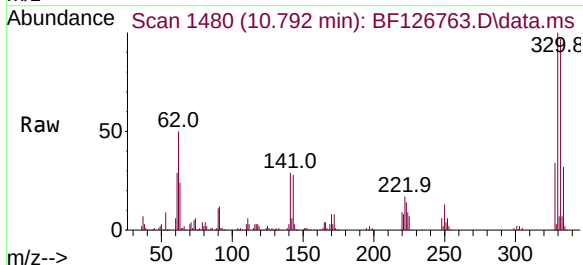
Instrument :
 BNA_F
 ClientSampleId :
 TES-2

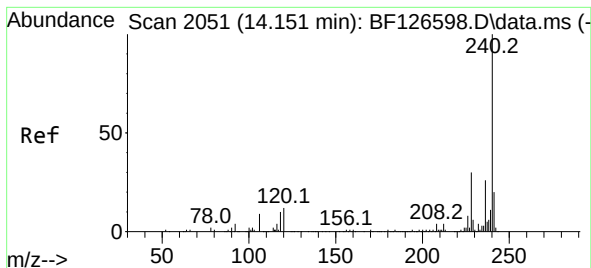
Tgt Ion:198 Resp: 832
 Ion Ratio Lower Upper
 198 100
 51 123.3 32.0 72.0#
 105 150.2 32.7 72.7#



#67
 4-Bromophenyl-phenylether
 Concen: 3.974 ng
 RT: 10.792 min Scan# 1480
 Delta R.T. -0.241 min
 Lab File: BF126763.D
 Acq: 31 Jan 2022 20:41

Tgt Ion:248 Resp: 26013
 Ion Ratio Lower Upper
 248 100
 250 206.9 76.2 114.4#
 141 468.8 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: BF126763.D

Acq: 31 Jan 2022 20:41

Instrument :

BNA_F

ClientSampleId :

TES-2

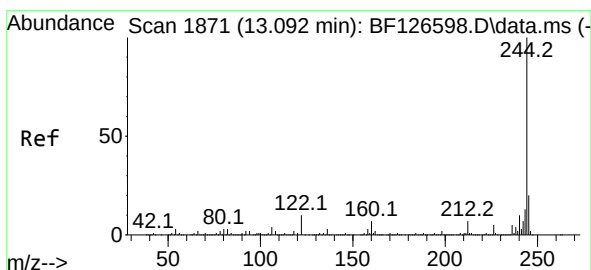
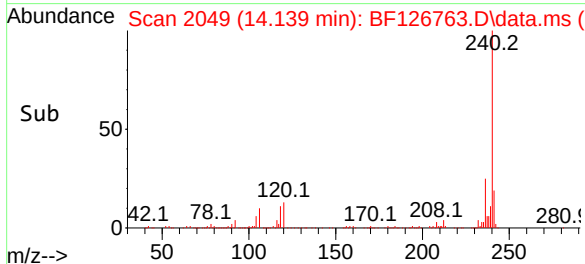
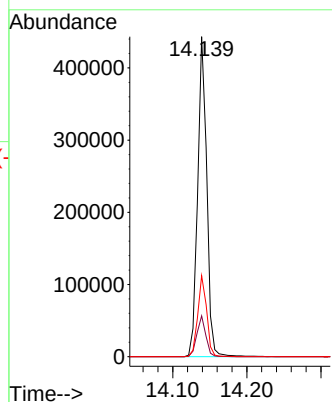
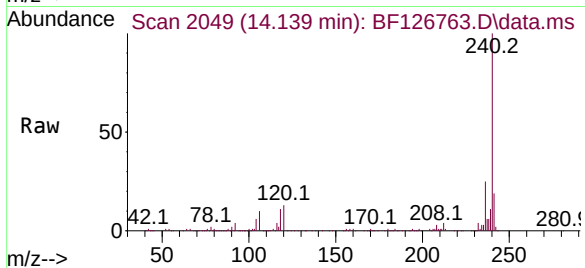
Tgt Ion:240 Resp: 377015

Ion Ratio Lower Upper

240 100

120 12.8 14.4 21.6#

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 88.841 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BF126763.D

Acq: 31 Jan 2022 20:41

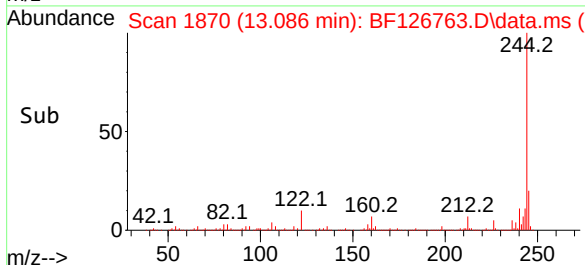
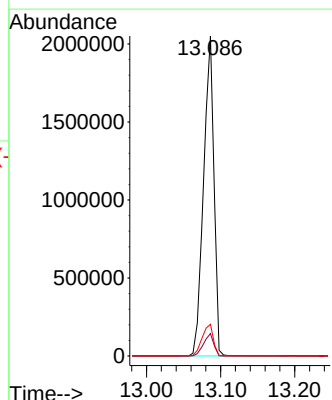
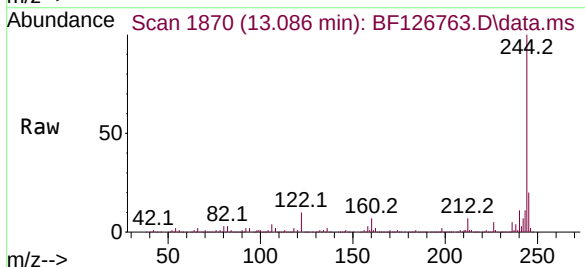
Tgt Ion:244 Resp: 1996960

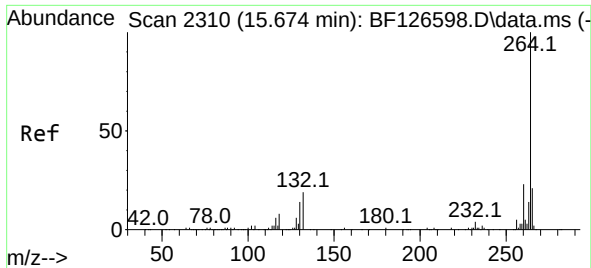
Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 9.9 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: BF126763.D
 Acq: 31 Jan 2022 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TES-2

Tgt Ion:264 Resp: 272346
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.2 17.4 26.2

