

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126762.D
 Acq On : 31 Jan 2022 20:15
 Operator : CG/JU
 Sample : N1325-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEX-1

Quant Time: Feb 01 02:42:56 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)

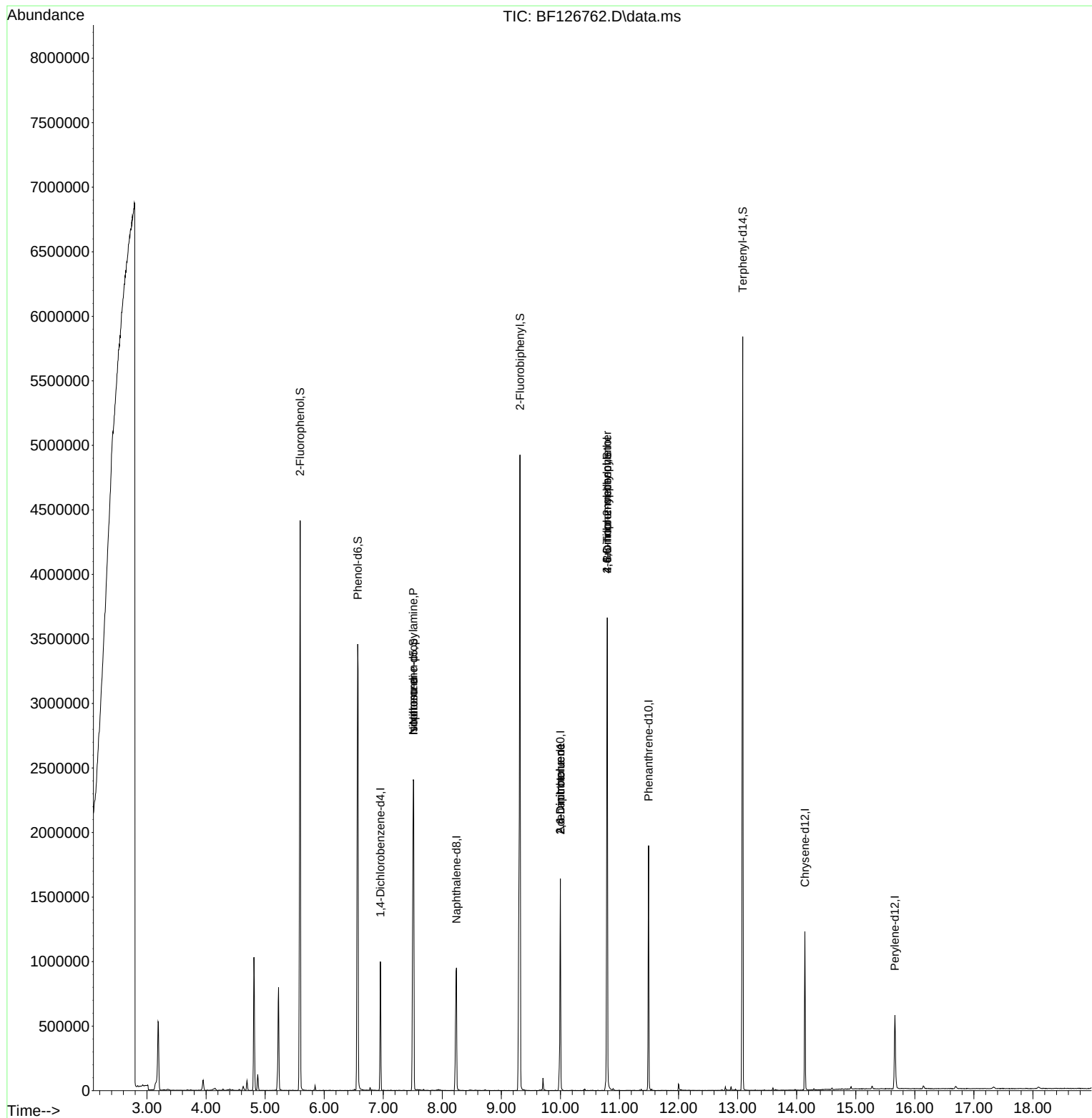
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	150506	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	610807	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	344036	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	602335	20.000	ng	0.00
76) Chrysene-d12	14.139	240	389188	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	277415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1339311	117.098	ng	0.02
7) Phenol-d6	6.569	99	1706689	107.399	ng	0.00
23) Nitrobenzene-d5	7.510	82	1468532	94.105	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	461688	143.397	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1960543	87.275	ng	0.00
79) Terphenyl-d14	13.086	244	2120224	91.374	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	259	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.510	70	195938	16.894	ng	# 68
25) Isophorone	7.510	82	1309520	43.270	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	43641	10.350	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	43641	8.541	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	878	7.630	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	28437	4.096	ng	# 1

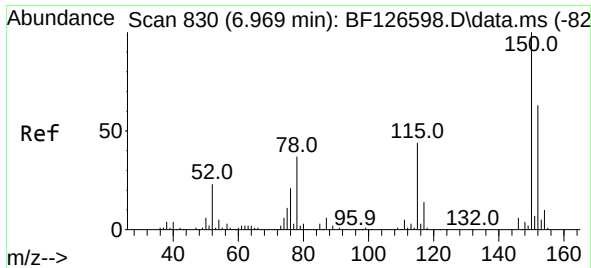
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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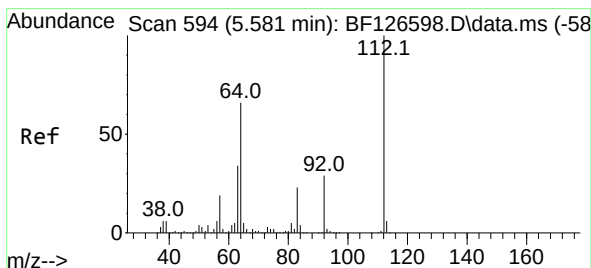
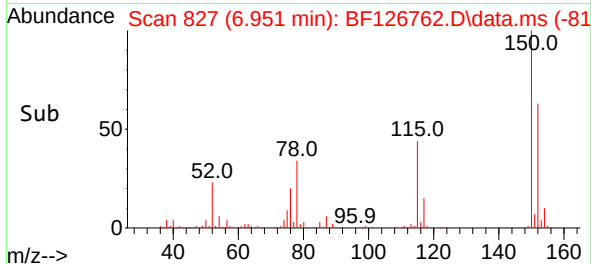
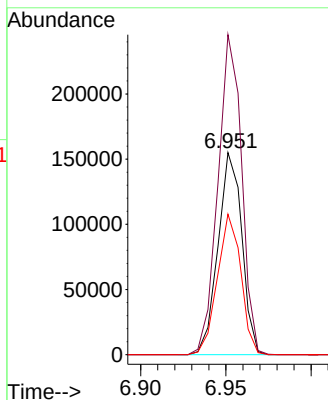
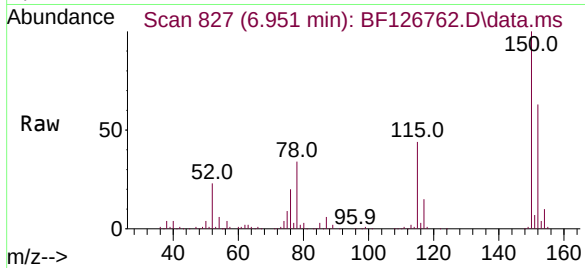




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

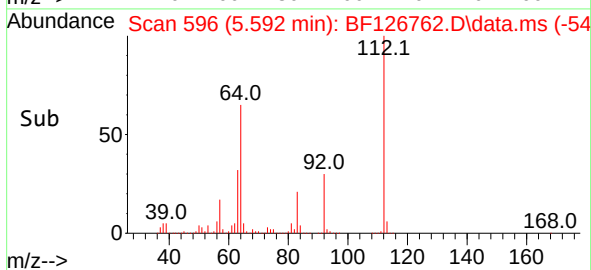
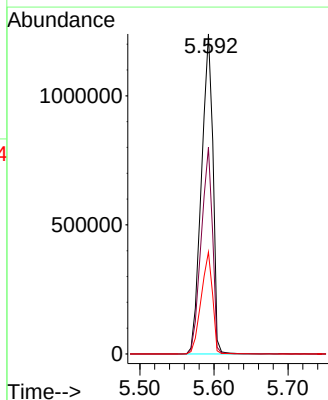
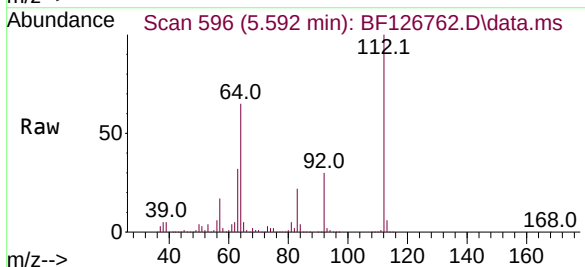
Instrument :
BNA_F
ClientSampleId :
TEX-1

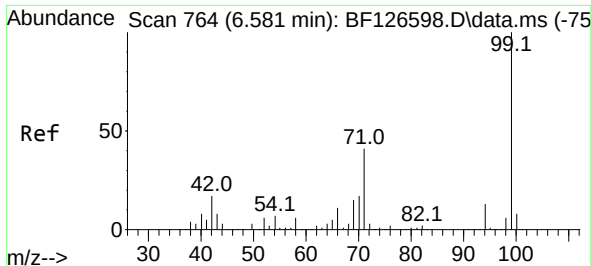
Tgt Ion:152 Resp: 150506
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 69.5 56.7 85.1



#5
2-Fluorophenol
Concen: 117.098 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion:112 Resp: 1339311
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 31.9 23.9 35.9





#7

Phenol-d6

Concen: 107.399 ng

RT: 6.569 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF126762.D

Acq: 31 Jan 2022 20:15

Instrument :

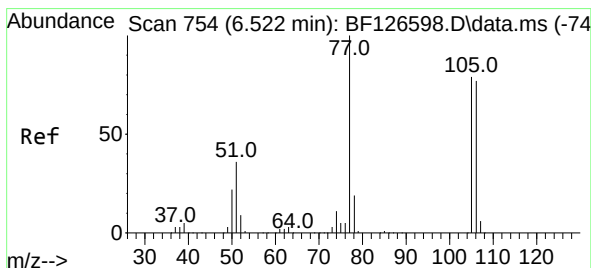
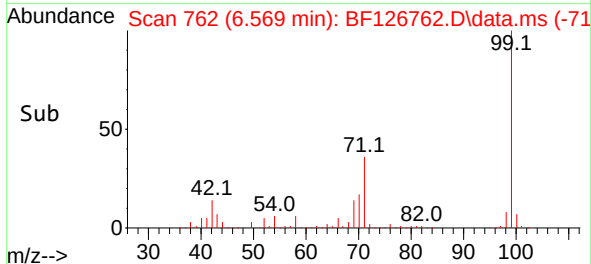
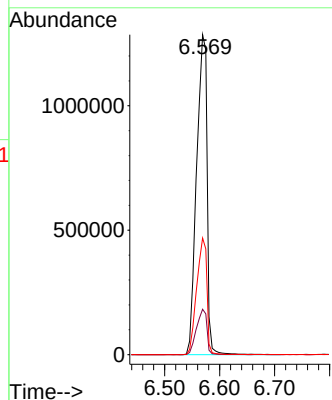
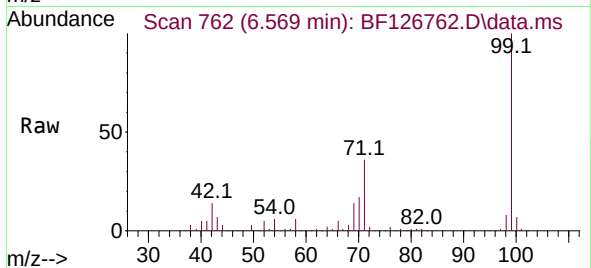
BNA_F

ClientSampleId :

TEX-1

Tgt Ion: 99 Resp: 1706689

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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

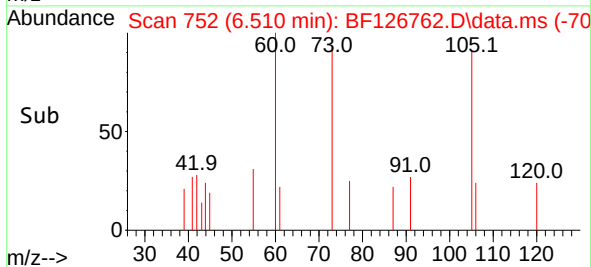
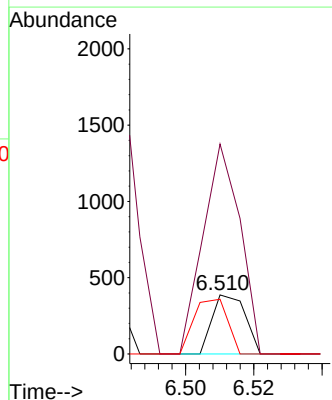
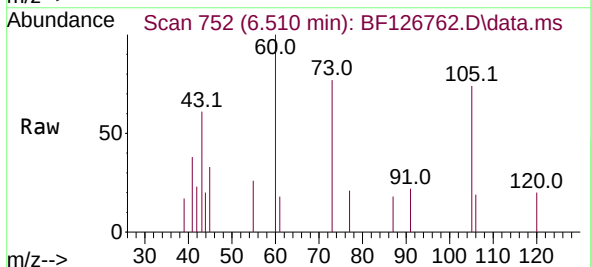
Delta R.T. -0.000 min

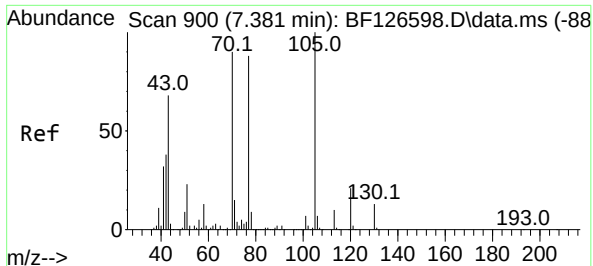
Lab File: BF126762.D

Acq: 31 Jan 2022 20:15

Tgt Ion: 77 Resp: 259

Ion	Ratio	Lower	Upper
77	100		
105	355.6	74.9	114.9#
106	92.8	72.4	112.4



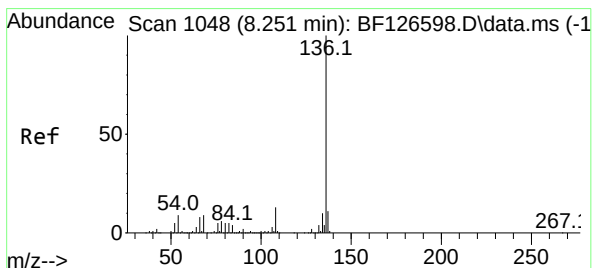
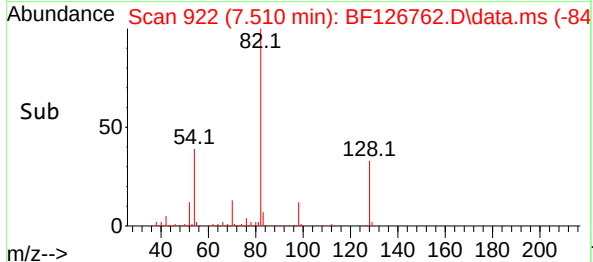
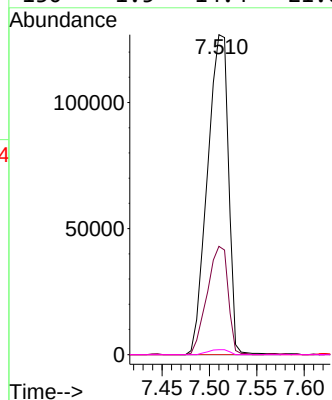
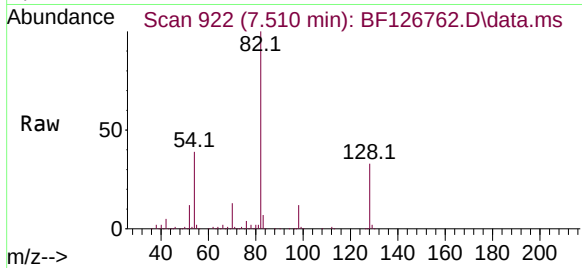


#19
n-Nitroso-di-n-propylamine
Concen: 16.894 ng
RT: 7.510 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Instrument :
BNA_F
ClientSampleId :
TEX-1

Tgt Ion: 70 Resp: 195938

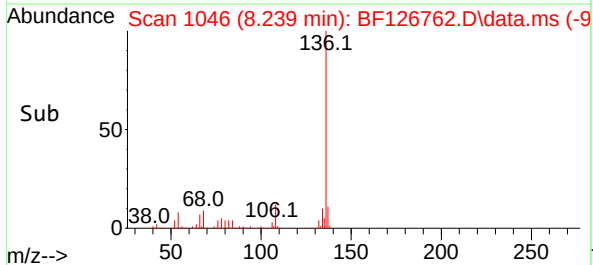
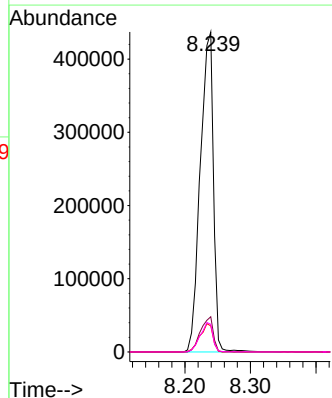
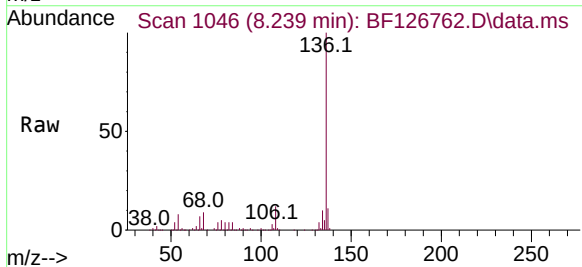
Ion	Ratio	Lower	Upper
70	100		
42	33.9	45.8	68.8#
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#

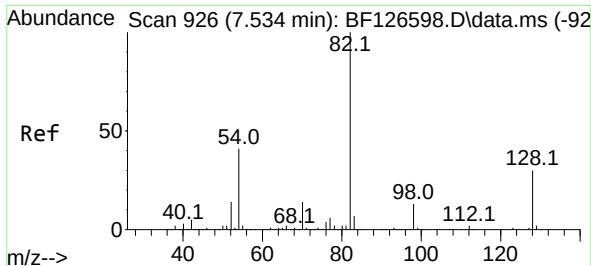


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion: 136 Resp: 610807

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.1	7.8	11.6
68	8.6	6.3	9.5

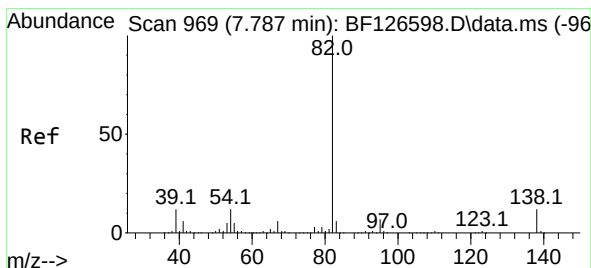
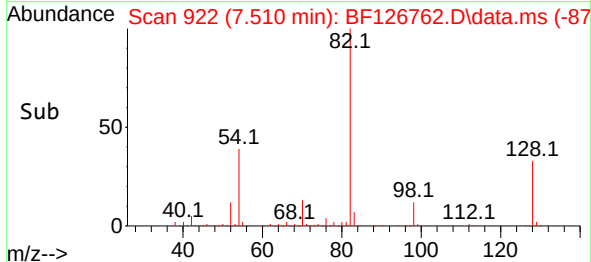
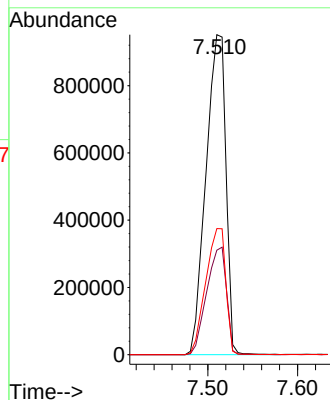
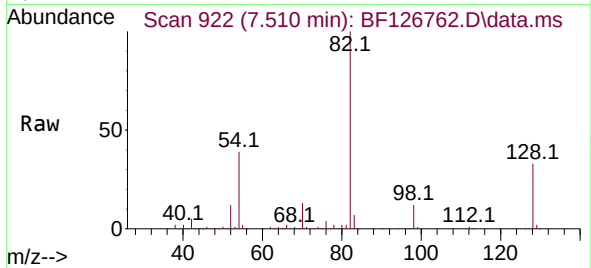




#23
Nitrobenzene-d5
Concen: 94.105 ng
RT: 7.510 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

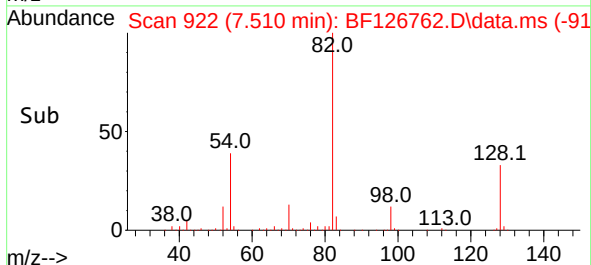
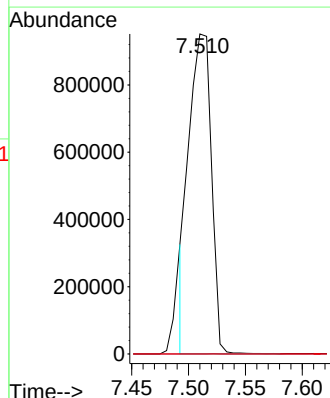
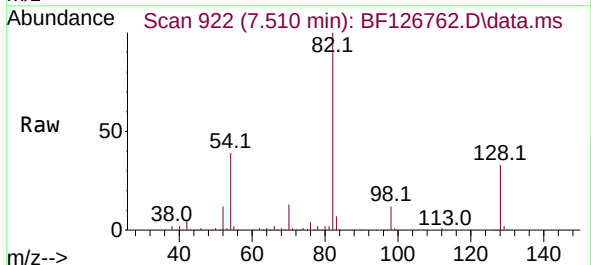
Instrument :
BNA_F
ClientSampleId :
TEX-1

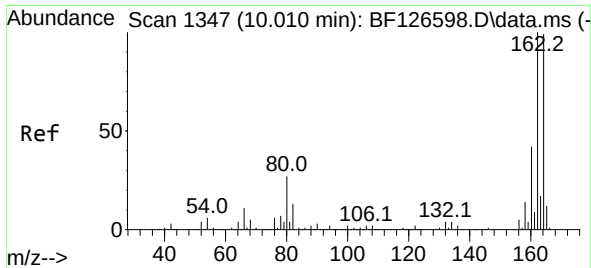
Tgt Ion: 82 Resp: 1468532
Ion Ratio Lower Upper
82 100
128 32.7 32.7 49.1#
54 39.4 41.7 62.5#



#25
Isophorone
Concen: 43.270 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.271 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion: 82 Resp: 1309520
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

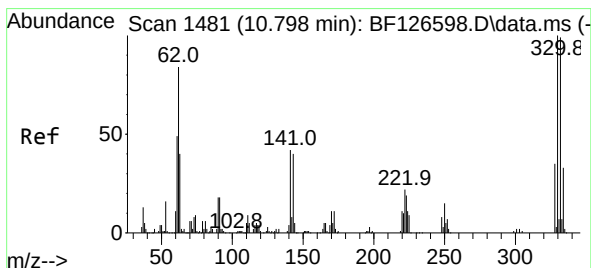
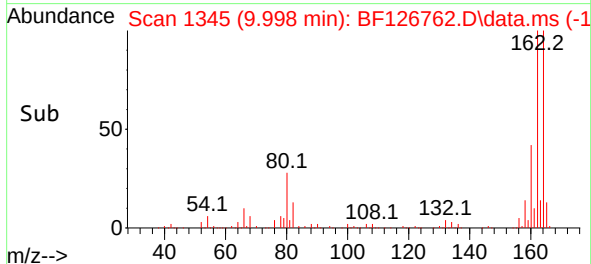
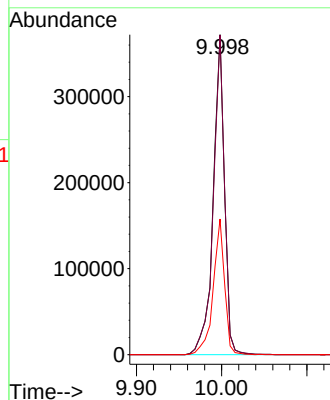
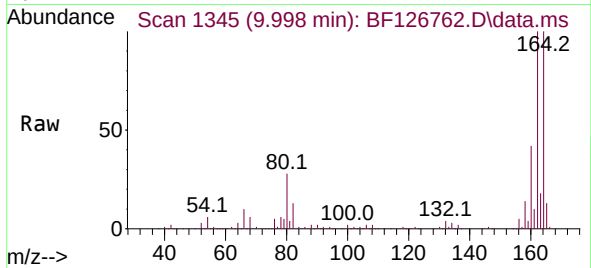




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

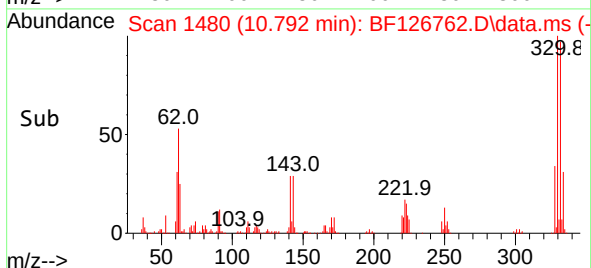
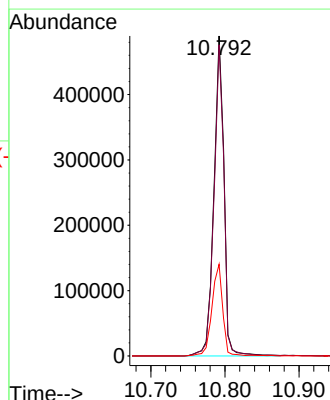
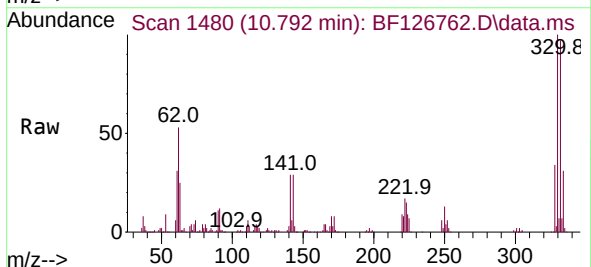
Instrument :
BNA_F
ClientSampleId :
TEX-1

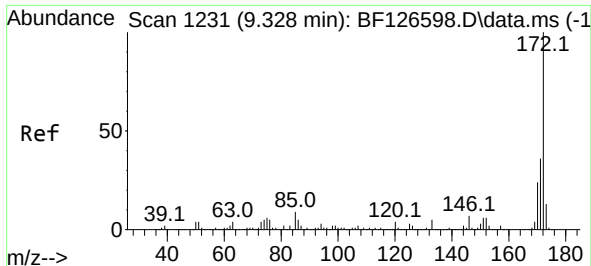
Tgt Ion:164 Resp: 344036
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 42.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 143.397 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion:330 Resp: 461688
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 30.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 87.275 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126762.D

Acq: 31 Jan 2022 20:15

Instrument :

BNA_F

ClientSampleId :

TEX-1

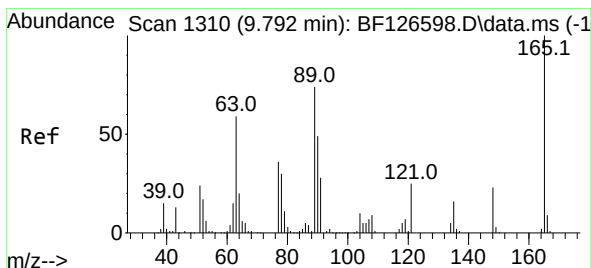
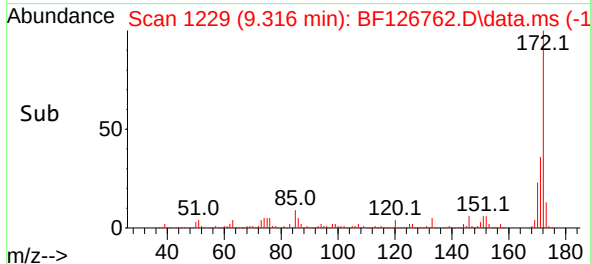
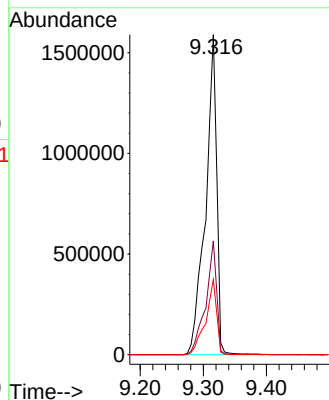
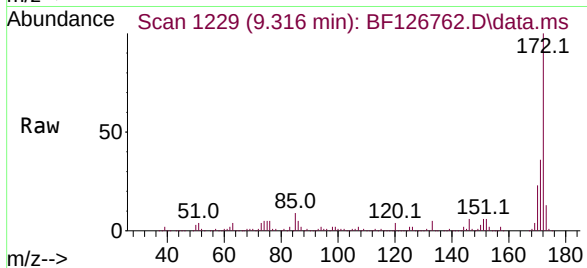
Tgt Ion:172 Resp: 1960543

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.350 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126762.D

Acq: 31 Jan 2022 20:15

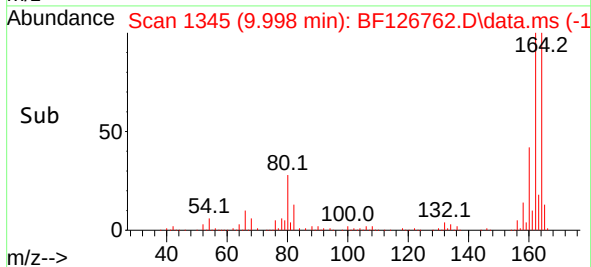
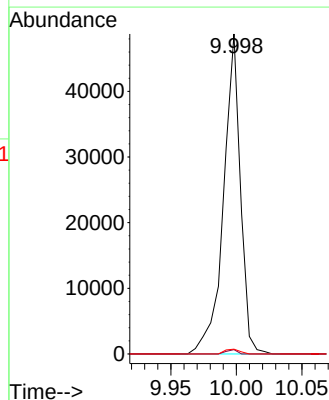
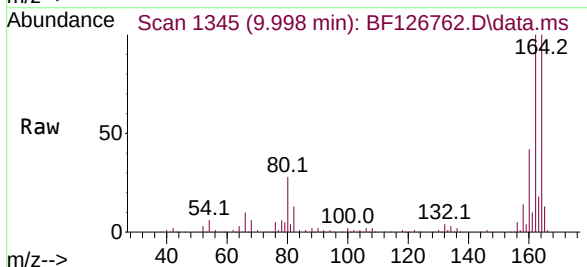
Tgt Ion:165 Resp: 43641

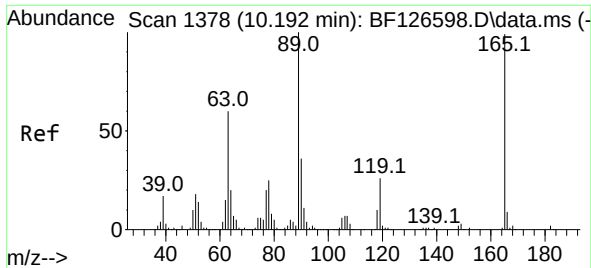
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.5 50.5 75.7#

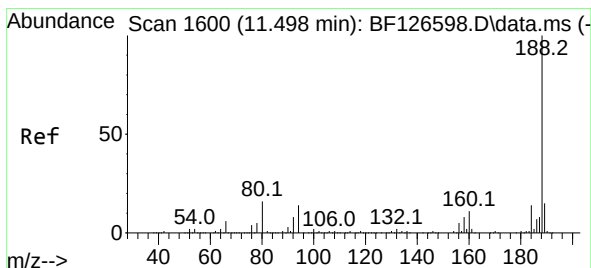
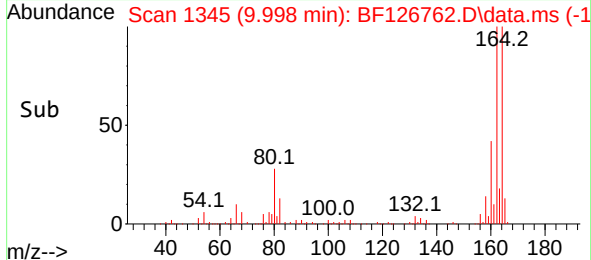
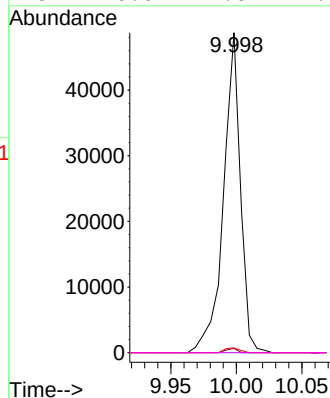
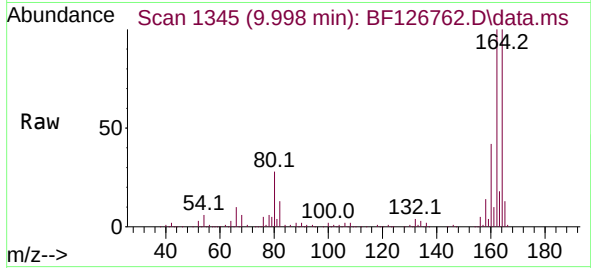




#57
2,4-Dinitrotoluene
Concen: 8.541 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

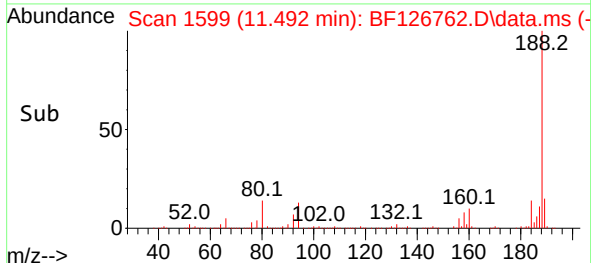
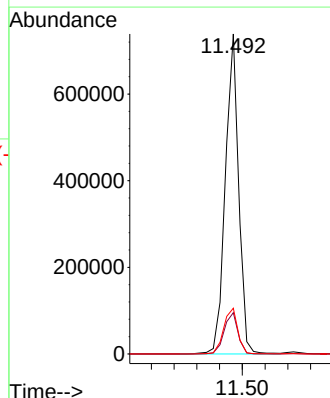
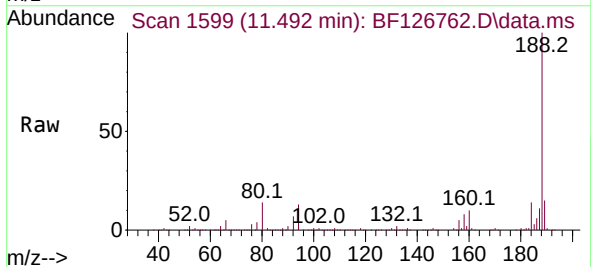
Instrument :
BNA_F
ClientSampleId :
TEX-1

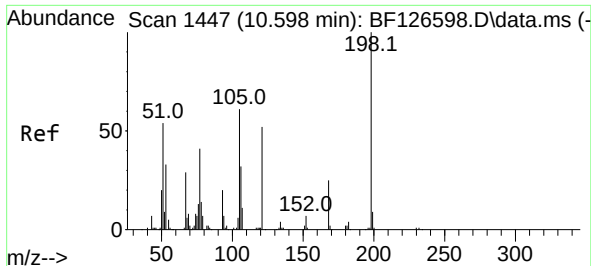
Tgt Ion:165 Resp: 43641
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion:188 Resp: 602335
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 14.3 11.8 17.6

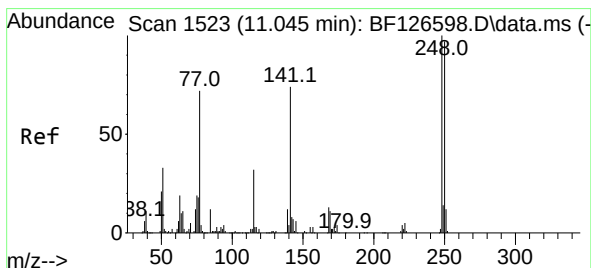
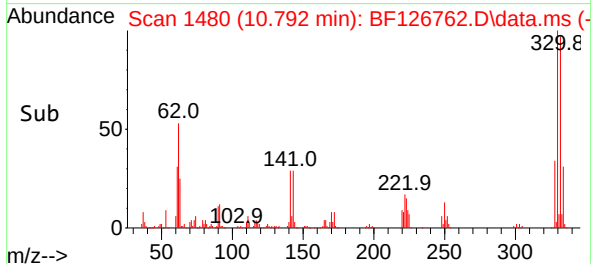
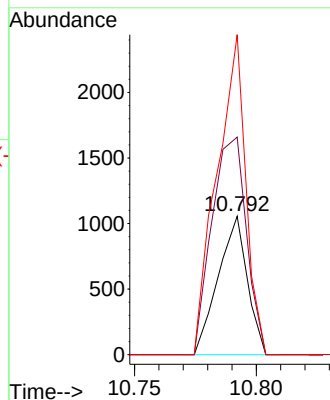
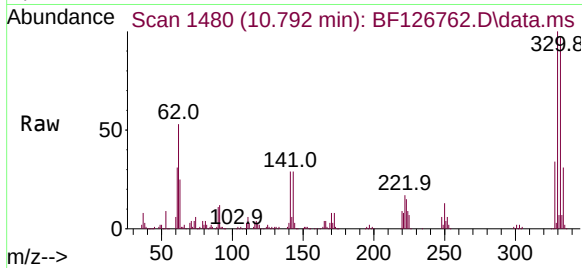




#65
4,6-Dinitro-2-methylphenol
Concen: 7.630 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

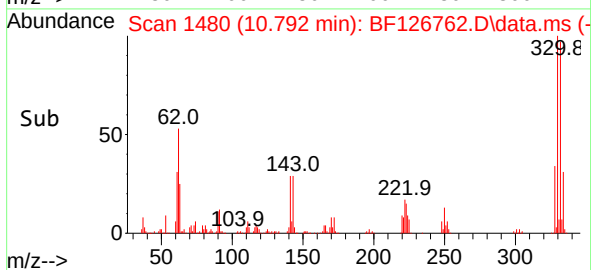
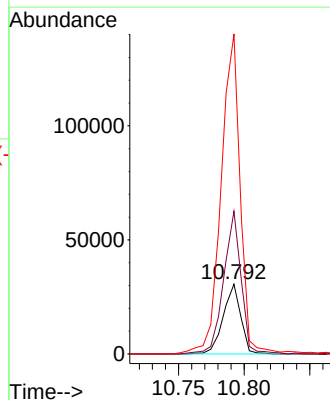
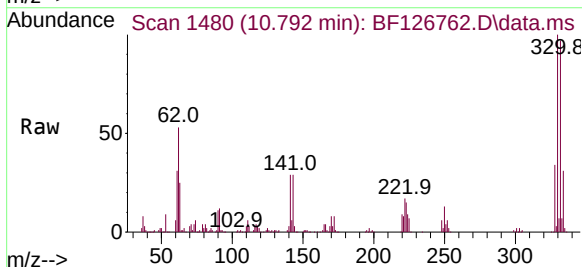
Instrument :
BNA_F
ClientSampleId :
TEX-1

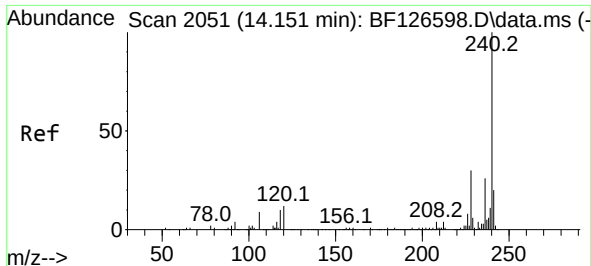
Tgt Ion:198 Resp: 878
Ion Ratio Lower Upper
198 100
51 157.1 32.0 72.0#
105 231.1 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Tgt Ion:248 Resp: 28437
Ion Ratio Lower Upper
248 100
250 204.4 76.2 114.4#
141 458.5 66.2 99.4#

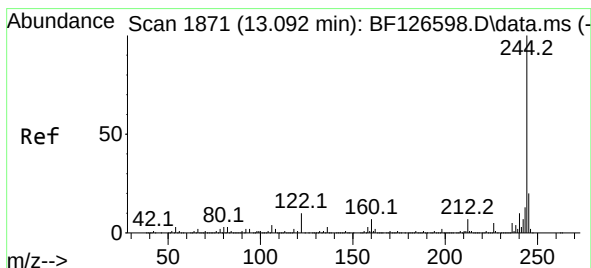
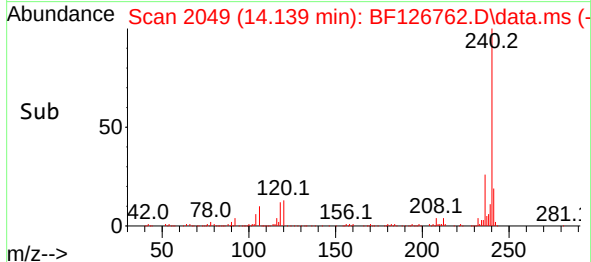
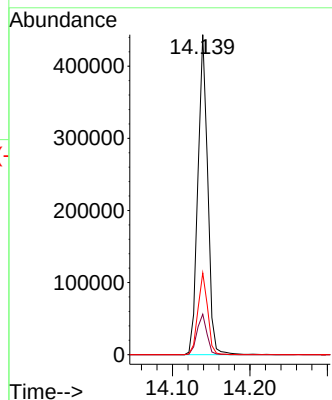
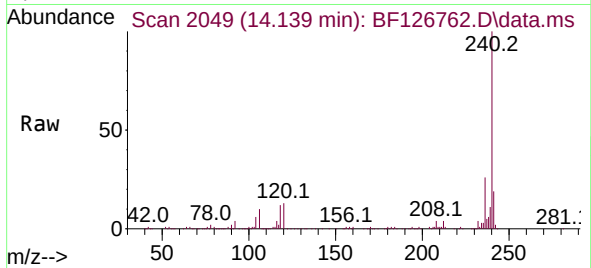




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

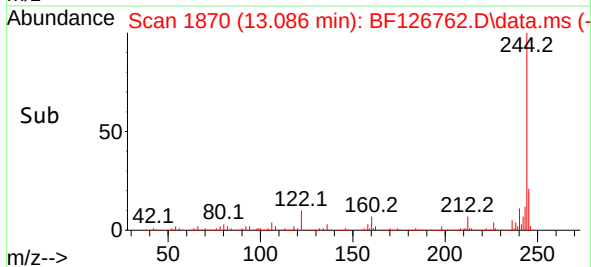
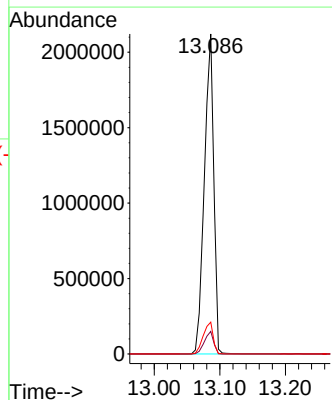
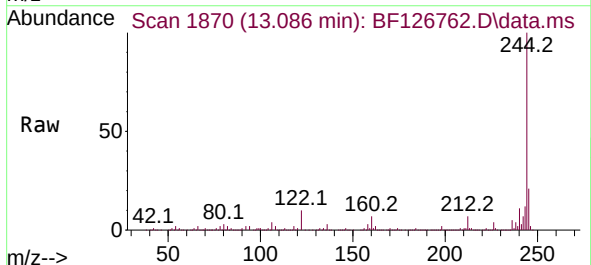
Instrument :
BNA_F
ClientSampleId :
TEX-1

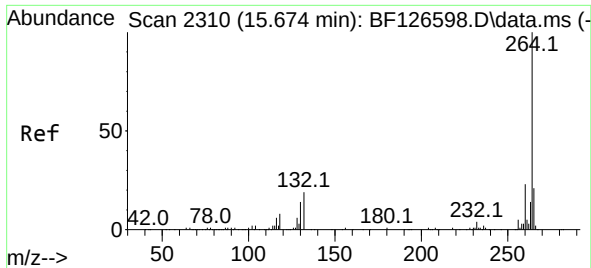
Tgt Ion:240 Resp: 389188
Ion Ratio Lower Upper
240 100
120 12.7 14.4 21.6#
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 91.374 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

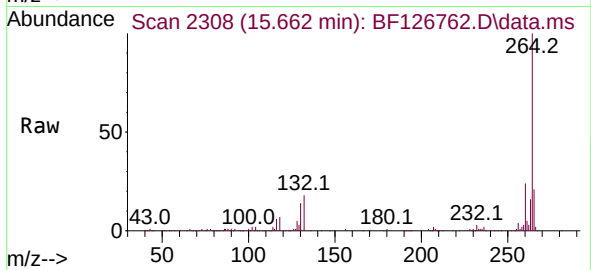
Tgt Ion:244 Resp: 2120224
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 9.9 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126762.D
Acq: 31 Jan 2022 20:15

Instrument :
BNA_F
ClientSampleId :
TEX-1



Tgt Ion:264 Resp: 277415
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 17.4 26.2

