

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126755.D
 Acq On : 31 Jan 2022 17:07
 Operator : CG/JU
 Sample : N1325-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEX-2

Quant Time: Feb 01 02:41:49 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)

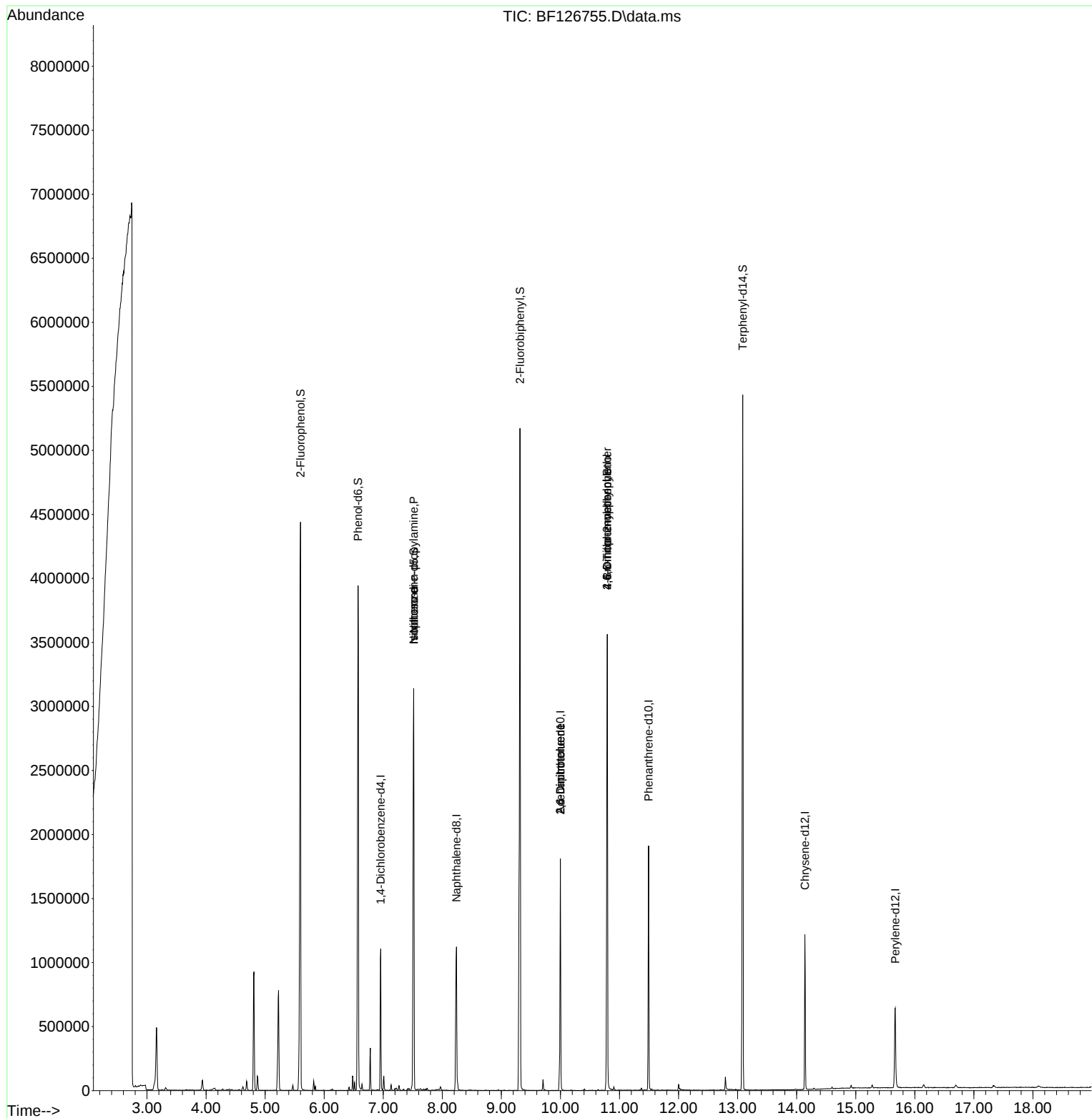
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	155466	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	641689	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	351224	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	592299	20.000	ng	0.00
76) Chrysene-d12	14.139	240	387418	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	300052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1362129	115.294	ng	0.03
7) Phenol-d6	6.575	99	1718163	104.672	ng	0.00
23) Nitrobenzene-d5	7.516	82	1440992	87.896	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	447860	136.256	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1893418	82.562	ng	0.00
79) Terphenyl-d14	13.086	244	2039327	88.289	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	2460	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	188554	15.739	ng	# 68
25) Isophorone	7.516	82	1424373	44.800	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	45274	10.518	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	45274	8.680	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	838	7.622	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	27751	4.065	ng	# 1

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

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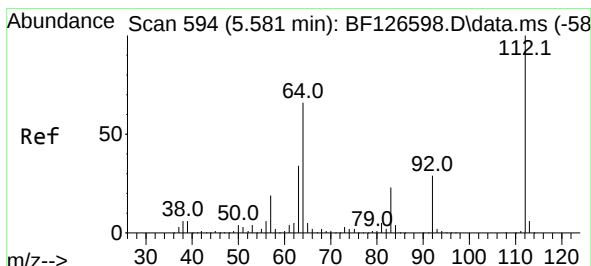
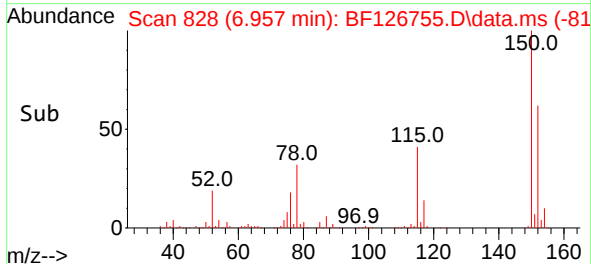
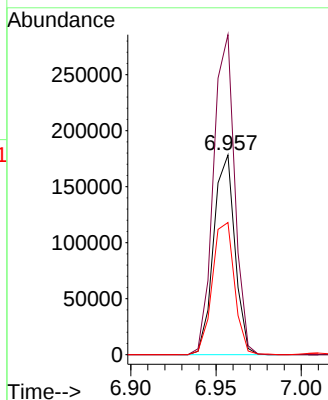
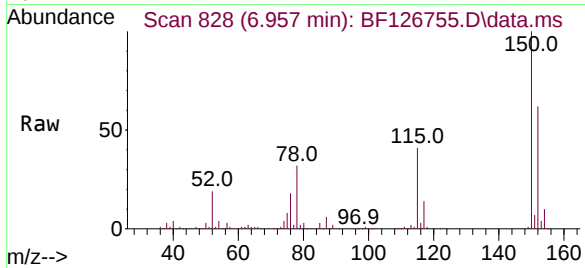




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

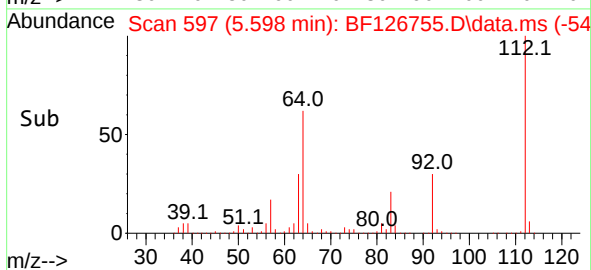
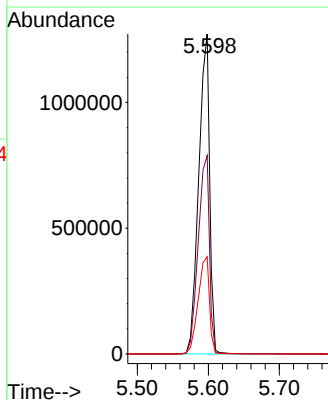
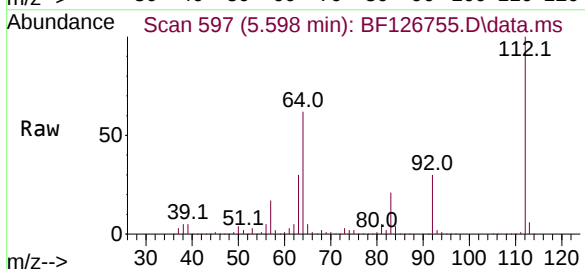
Instrument :
BNA_F
ClientSampleId :
TEX-2

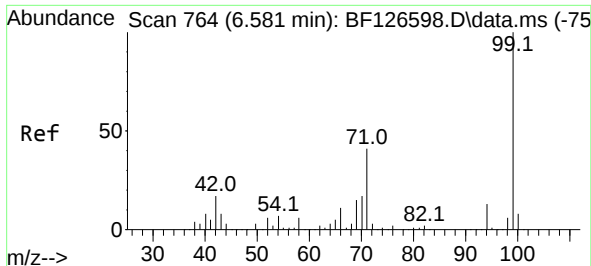
Tgt Ion:152 Resp: 155466
Ion Ratio Lower Upper
152 100
150 160.3 128.1 192.1
115 66.2 56.7 85.1



#5
2-Fluorophenol
Concen: 115.294 ng
RT: 5.598 min Scan# 597
Delta R.T. 0.029 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion:112 Resp: 1362129
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 30.4 23.9 35.9





#7

Phenol-d6

Concen: 104.672 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126755.D

Acq: 31 Jan 2022 17:07

Instrument :

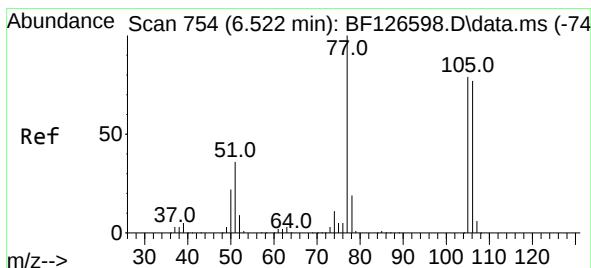
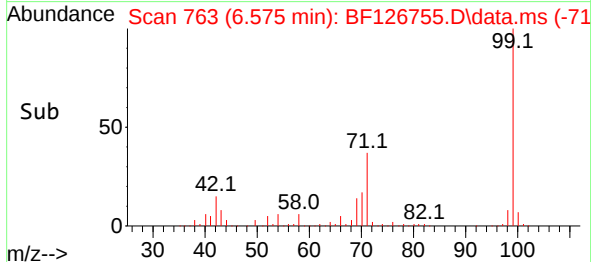
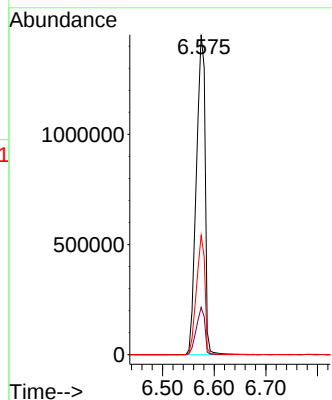
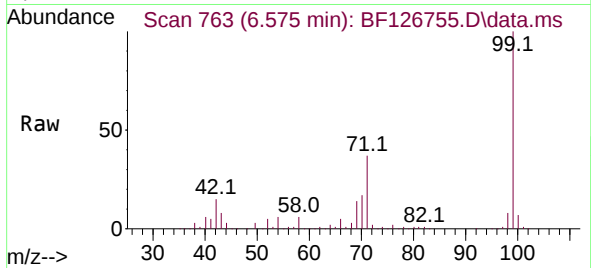
BNA_F

ClientSampleId :

TEX-2

Tgt Ion: 99 Resp: 1718163

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.2	21.4
71	37.3	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

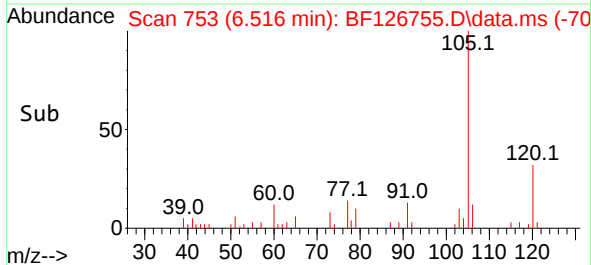
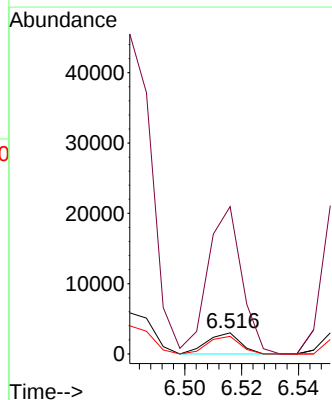
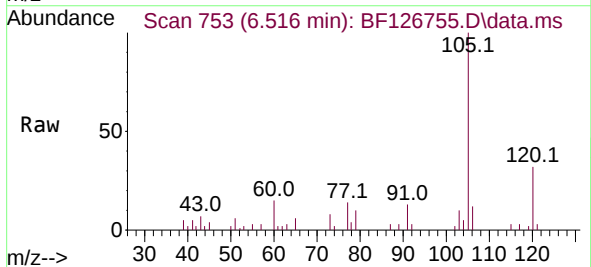
Delta R.T. 0.006 min

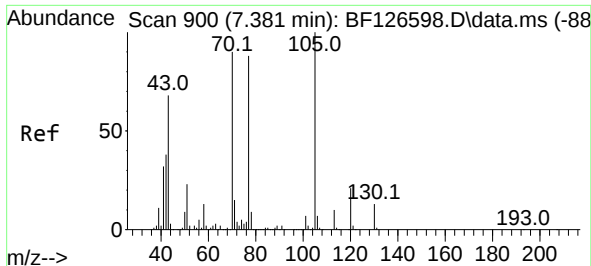
Lab File: BF126755.D

Acq: 31 Jan 2022 17:07

Tgt Ion: 77 Resp: 2460

Ion	Ratio	Lower	Upper
77	100		
105	696.1	74.9	114.9
106	83.4	72.4	112.4

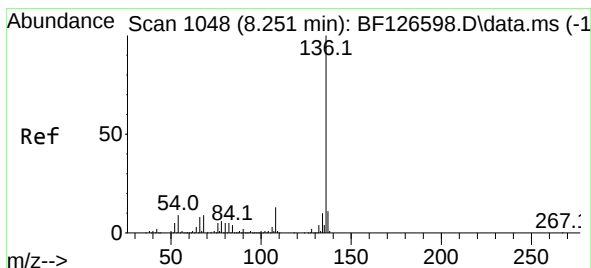
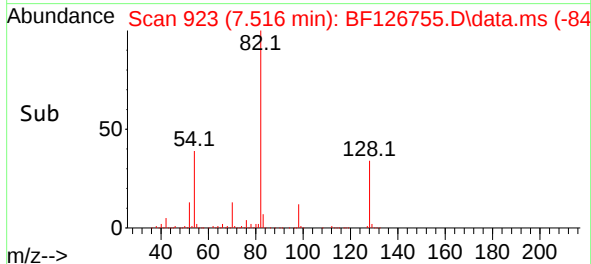
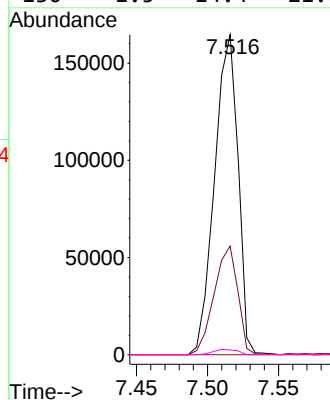
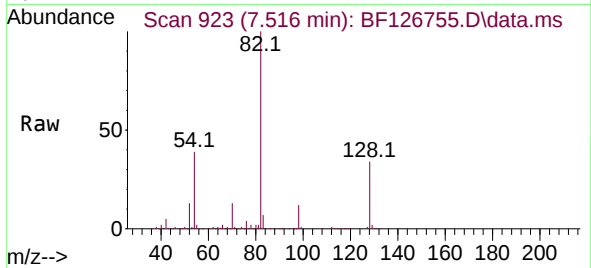




#19
n-Nitroso-di-n-propylamine
Concen: 15.739 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

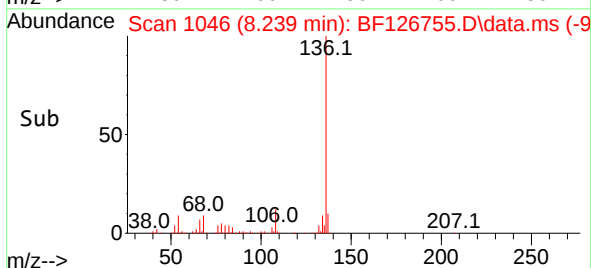
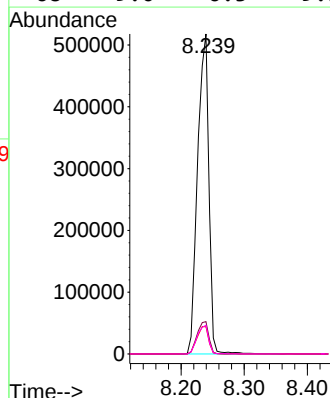
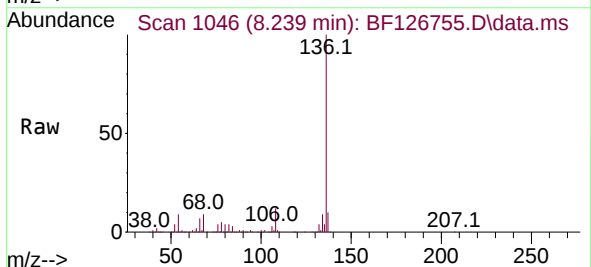
Instrument :
BNA_F
ClientSampleId :
TEX-2

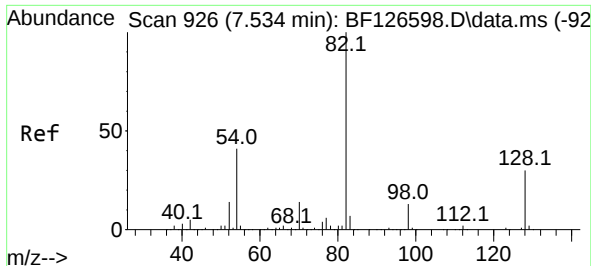
Tgt Ion: 70 Resp: 188554
Ion Ratio Lower Upper
70 100
42 34.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion: 136 Resp: 641689
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 8.5 7.8 11.6
68 9.0 6.3 9.5

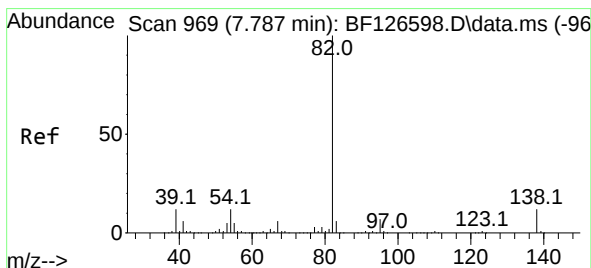
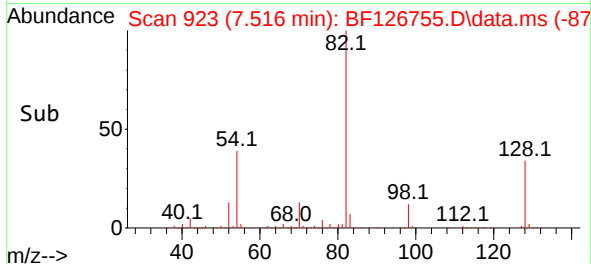
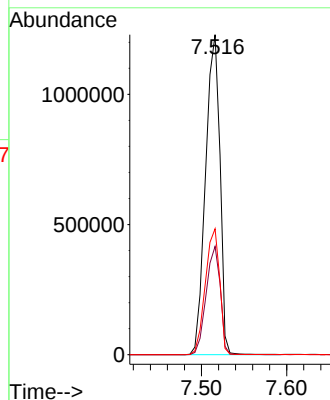
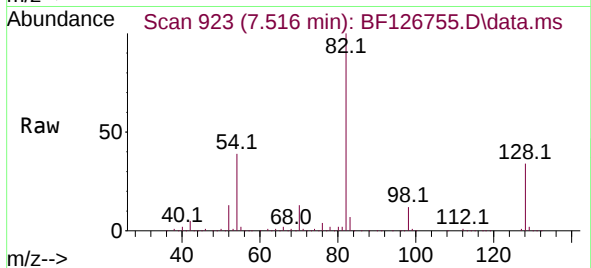




#23
Nitrobenzene-d5
Concen: 87.896 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

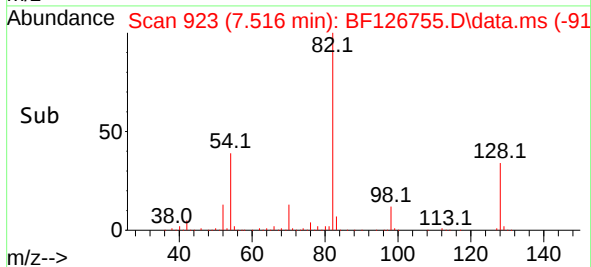
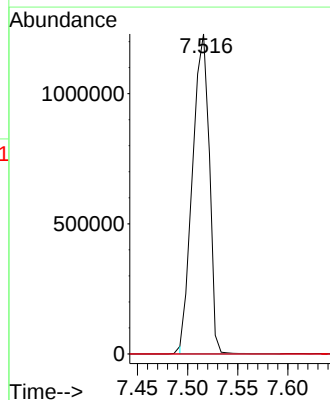
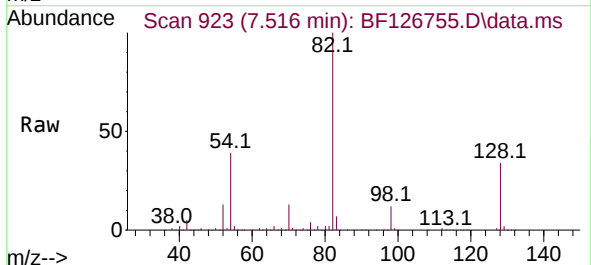
Instrument :
BNA_F
ClientSampleId :
TEX-2

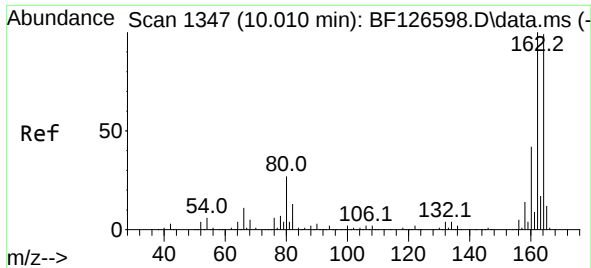
Tgt Ion: 82 Resp: 1440992
Ion Ratio Lower Upper
82 100
128 33.8 32.7 49.1
54 39.3 41.7 62.5#



#25
Isophorone
Concen: 44.800 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion: 82 Resp: 1424373
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

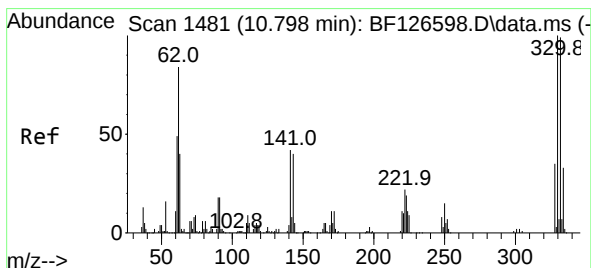
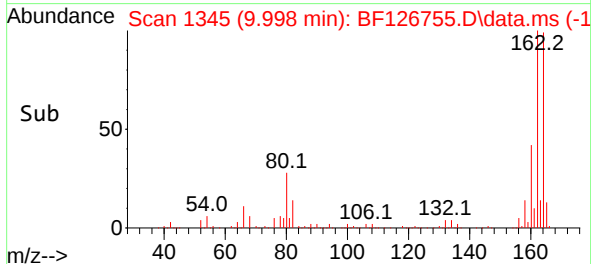
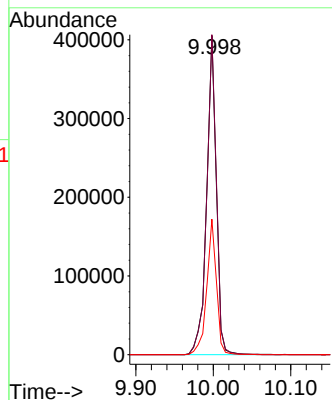
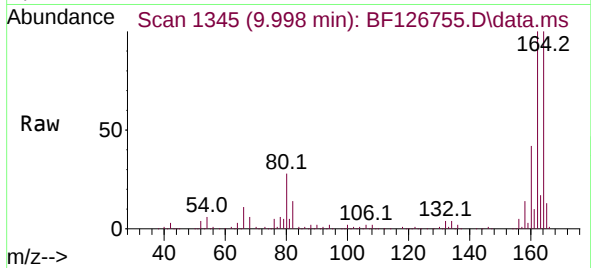




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

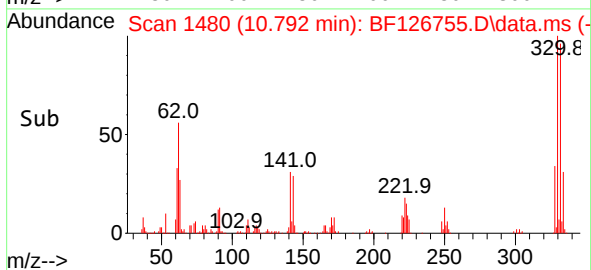
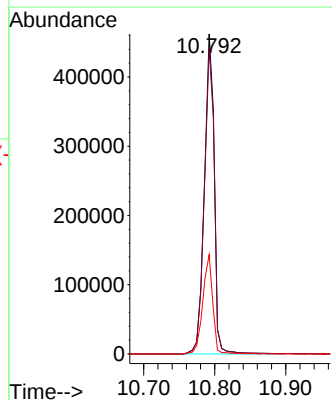
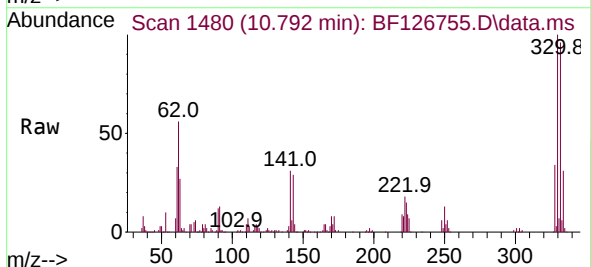
Instrument :
BNA_F
ClientSampleId :
TEX-2

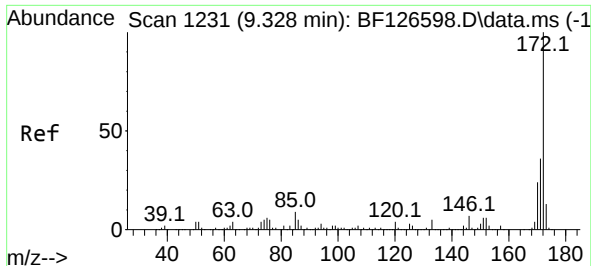
Tgt Ion:164 Resp: 351224
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 42.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.256 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion:330 Resp: 447860
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 31.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.562 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126755.D

Acq: 31 Jan 2022 17:07

Instrument :

BNA_F

ClientSampleId :

TEX-2

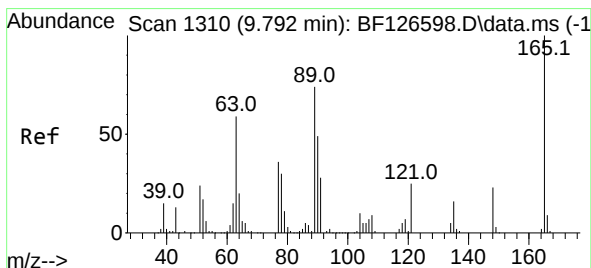
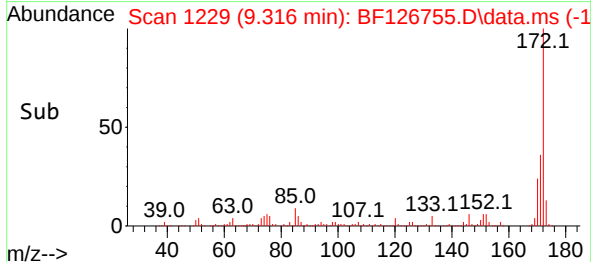
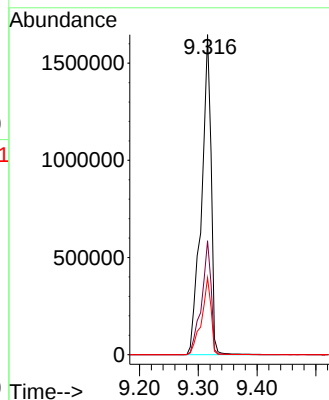
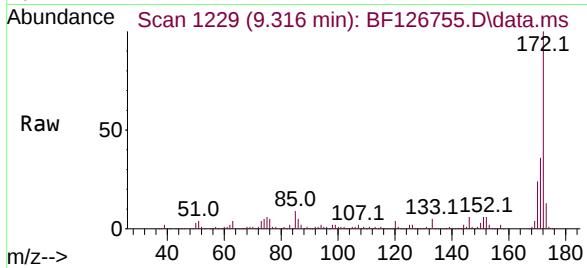
Tgt Ion:172 Resp: 1893418

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.518 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126755.D

Acq: 31 Jan 2022 17:07

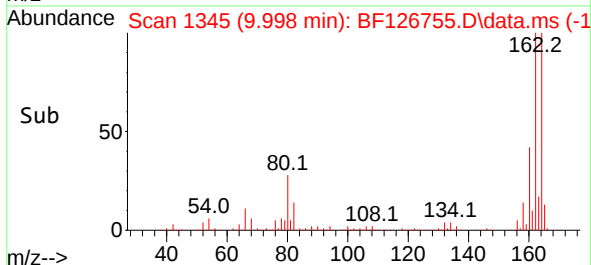
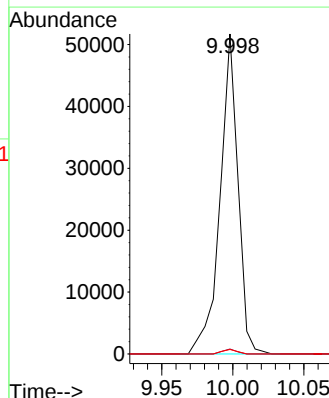
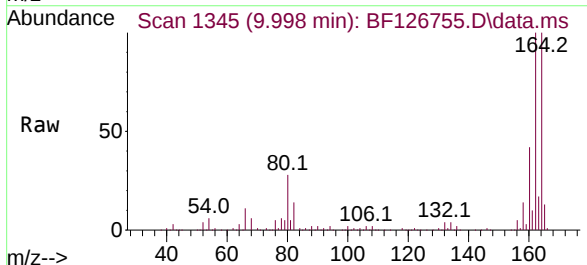
Tgt Ion:165 Resp: 45274

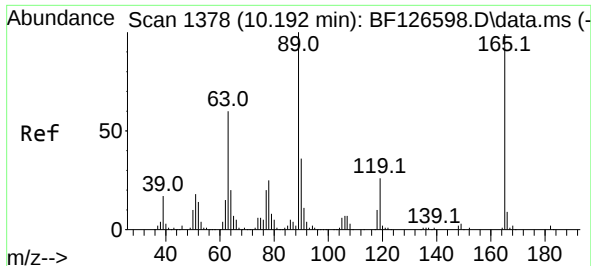
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.4 50.5 75.7#

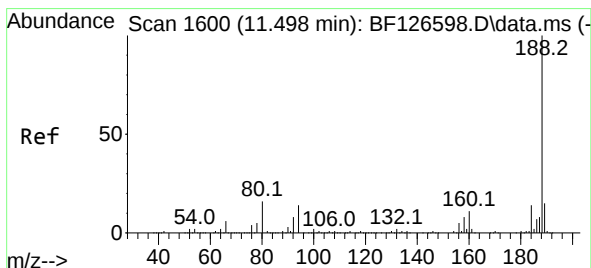
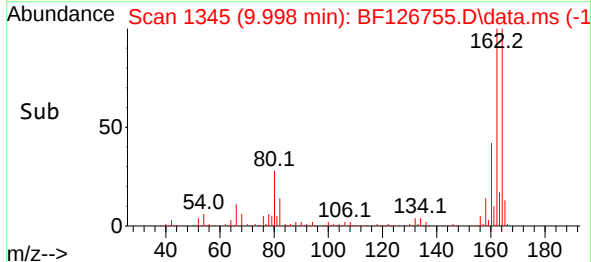
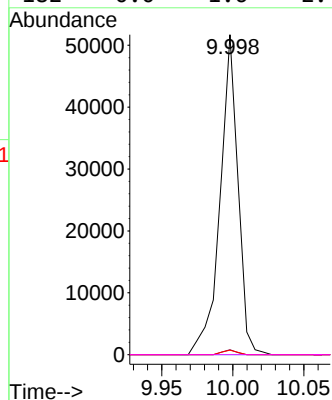
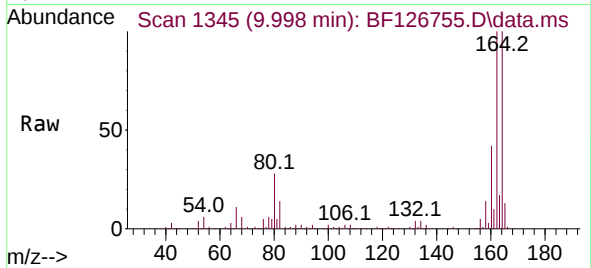




#57
2,4-Dinitrotoluene
Concen: 8.680 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

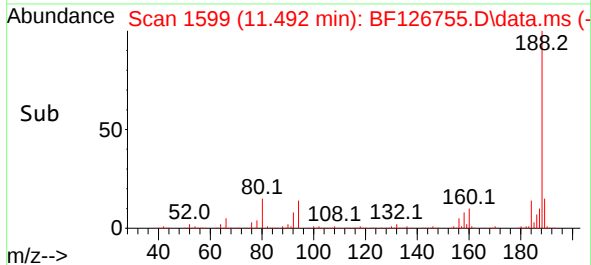
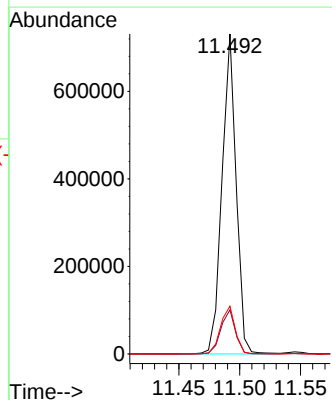
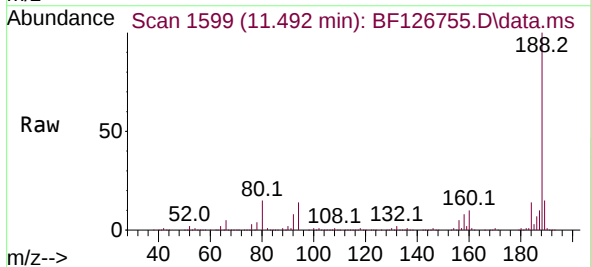
Instrument :
BNA_F
ClientSampleId :
TEX-2

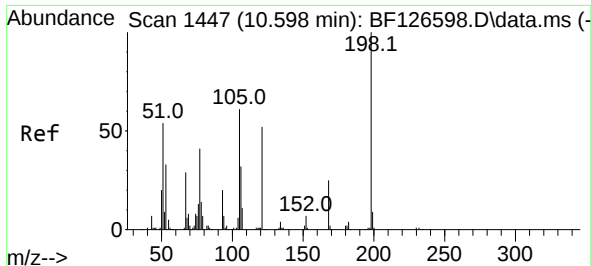
Tgt Ion:165 Resp: 45274
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion:188 Resp: 592299
Ion Ratio Lower Upper
188 100
94 13.8 10.1 15.1
80 14.9 11.8 17.6

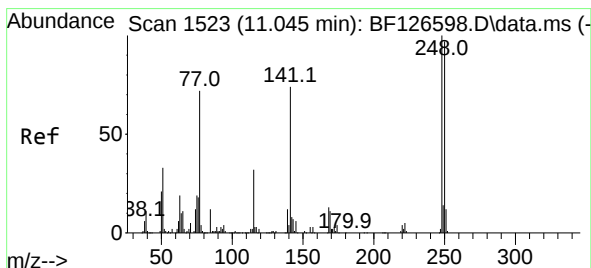
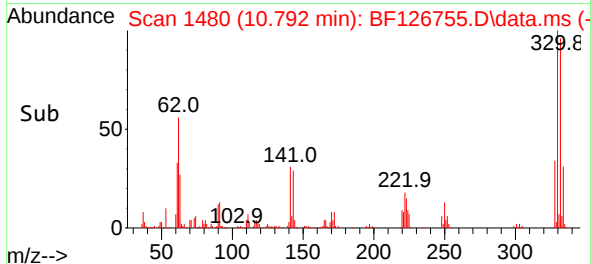
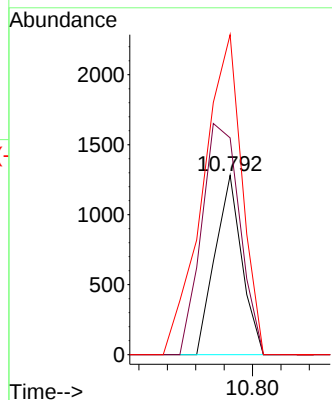
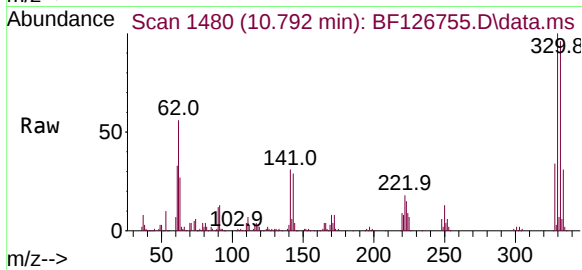




#65
4,6-Dinitro-2-methylphenol
Concen: 7.622 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

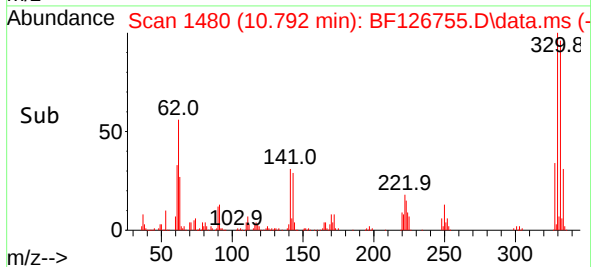
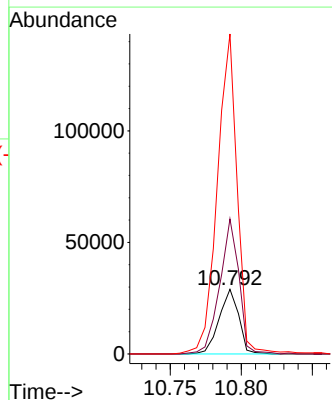
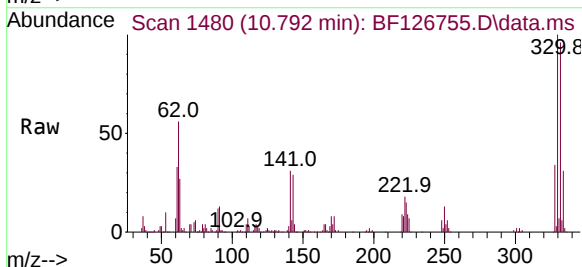
Instrument :
BNA_F
ClientSampleId :
TEX-2

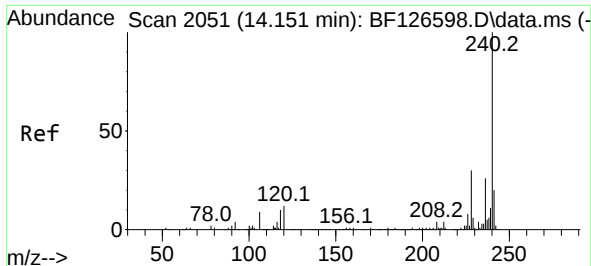
Tgt Ion:198 Resp: 838
Ion Ratio Lower Upper
198 100
51 120.9 32.0 72.0#
105 178.5 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Tgt Ion:248 Resp: 27751
Ion Ratio Lower Upper
248 100
250 208.9 76.2 114.4#
141 495.2 66.2 99.4#

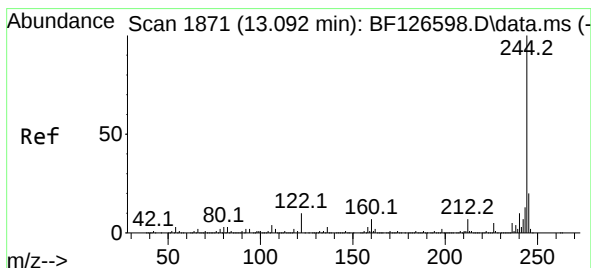
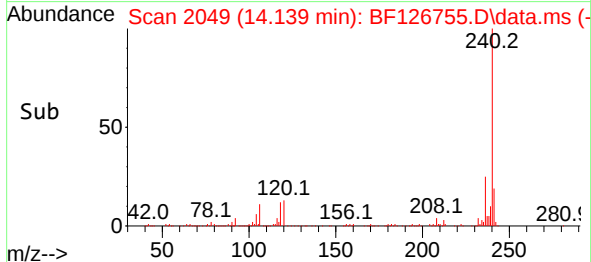
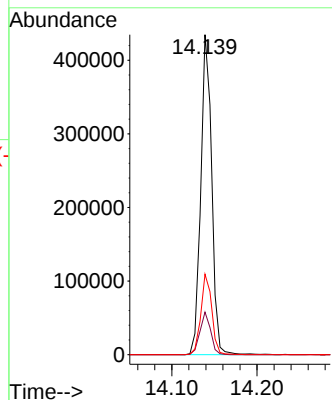
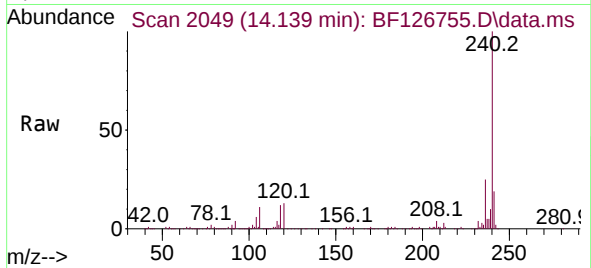




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

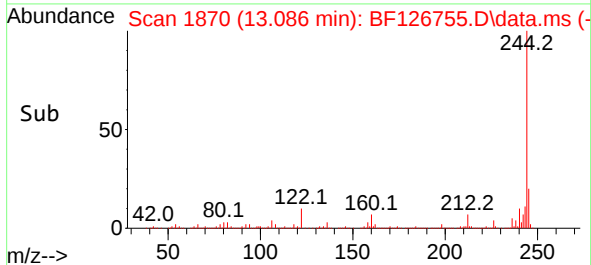
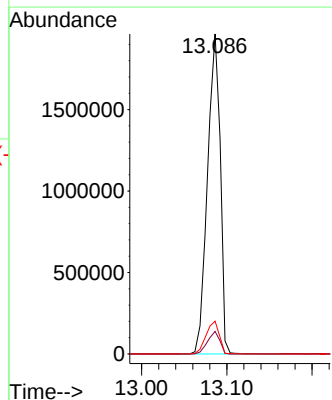
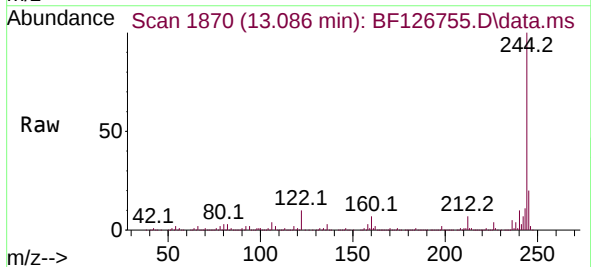
Instrument :
BNA_F
ClientSampleId :
TEX-2

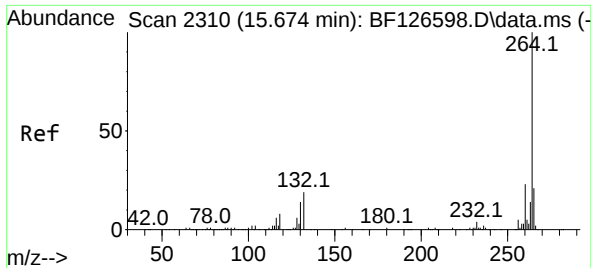
Tgt Ion:240 Resp: 387418
Ion Ratio Lower Upper
240 100
120 13.3 14.4 21.6#
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 88.289 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

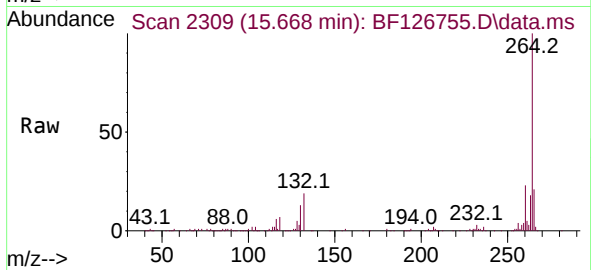
Tgt Ion:244 Resp: 2039327
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 10.3 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126755.D
Acq: 31 Jan 2022 17:07

Instrument :
BNA_F
ClientSampleId :
TEX-2



Tgt Ion:264 Resp: 300052
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 20.7 17.4 26.2

