

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126750.D
 Acq On : 31 Jan 2022 14:52
 Operator : CG/JU
 Sample : N1325-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEX-2

Quant Time: Feb 01 02:40:50 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)

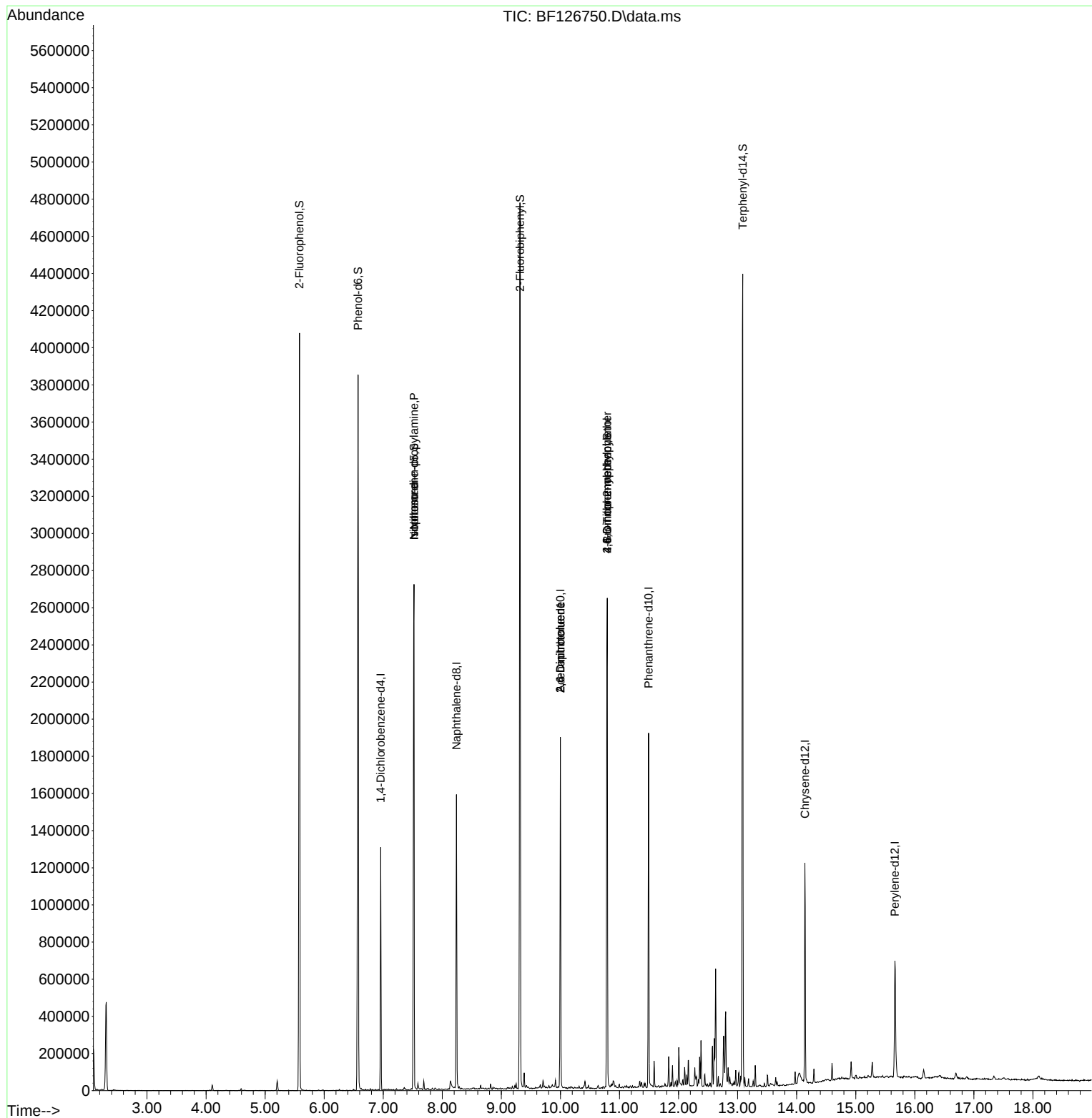
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	159604	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	634463	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	350451	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	597525	20.000	ng	0.00
76) Chrysene-d12	14.139	240	384228	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	289199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1149280	94.756	ng	0.01
7) Phenol-d6	6.575	99	1554848	92.267	ng	0.00
23) Nitrobenzene-d5	7.522	82	1103559	68.080	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	307353	93.714	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1401120	61.230	ng	0.00
79) Terphenyl-d14	13.086	244	1544523	67.423	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	333	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.522	70	146813	11.937	ng	# 67
25) Isophorone	7.522	82	1096792	34.890	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44926	10.460	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44926	8.632	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	556	7.536	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18722	2.719	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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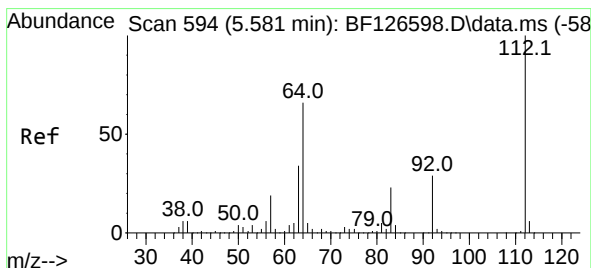
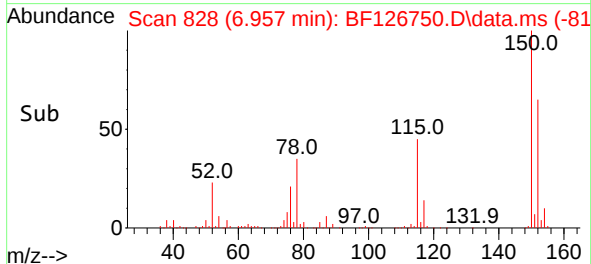
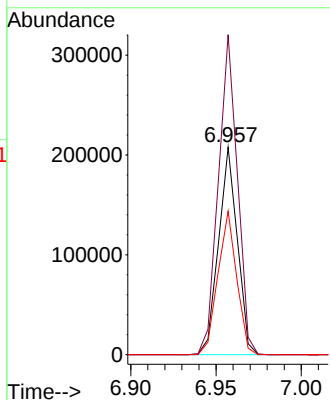
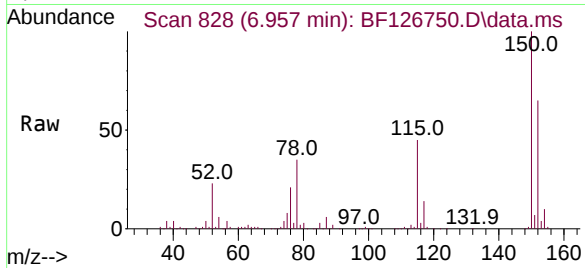




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126750.D
 Acq: 31 Jan 2022 14:52

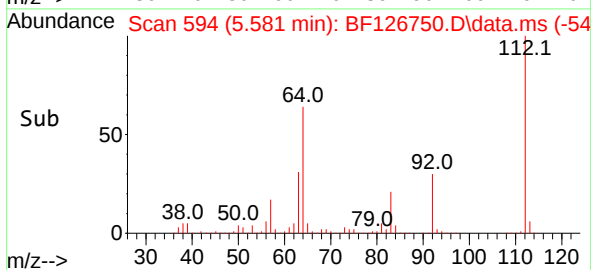
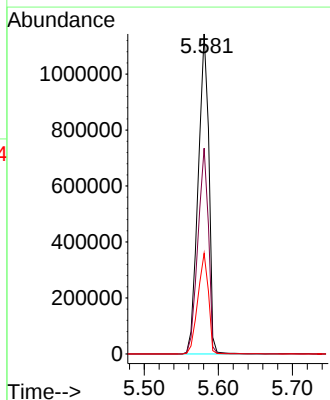
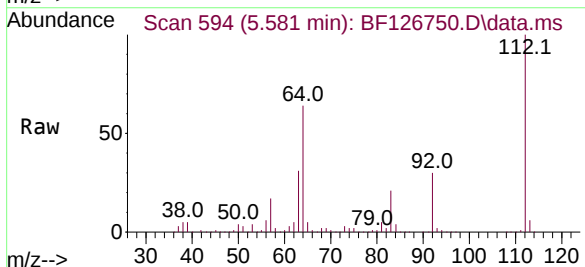
Instrument :
 BNA_F
 ClientSampleId :
 TEX-2

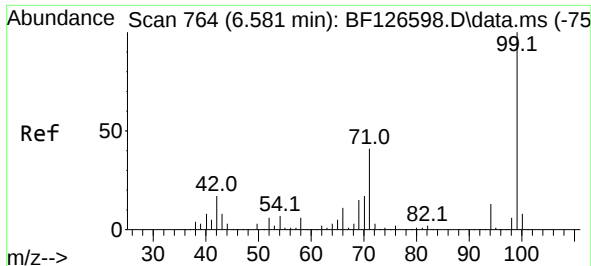
Tgt Ion:152 Resp: 159604
 Ion Ratio Lower Upper
 152 100
 150 154.2 128.1 192.1
 115 69.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 94.756 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.012 min
 Lab File: BF126750.D
 Acq: 31 Jan 2022 14:52

Tgt Ion:112 Resp: 1149280
 Ion Ratio Lower Upper
 112 100
 64 64.3 49.5 74.3
 63 31.5 23.9 35.9





#7

Phenol-d6

Concen: 92.267 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126750.D

Acq: 31 Jan 2022 14:52

Instrument :

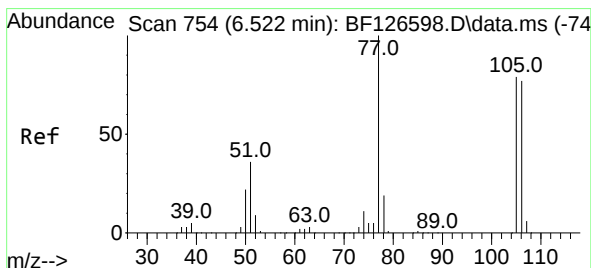
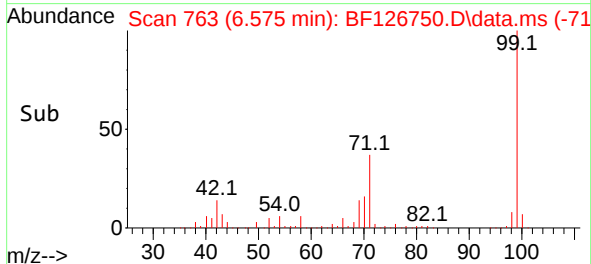
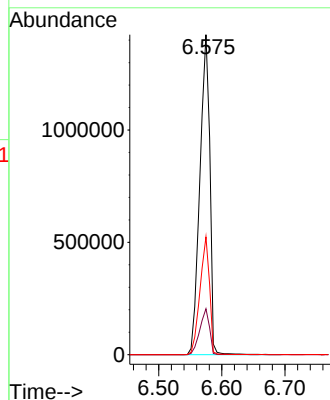
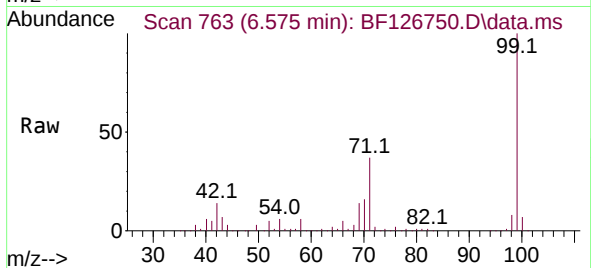
BNA_F

ClientSampleId :

TEX-2

Tgt Ion: 99 Resp: 1554848

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.2	21.4
71	36.8	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

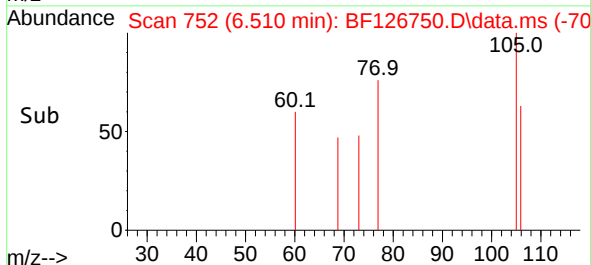
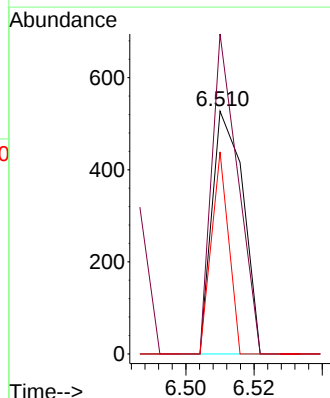
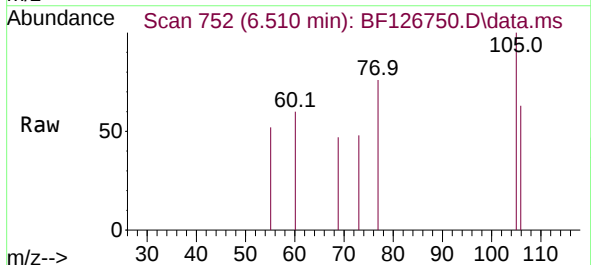
Delta R.T. -0.000 min

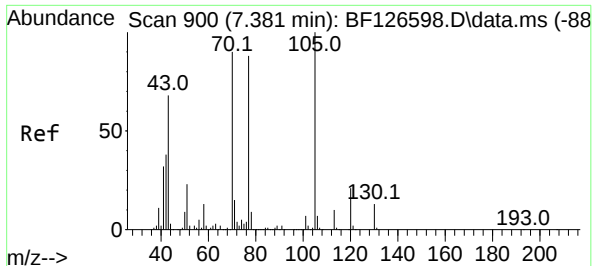
Lab File: BF126750.D

Acq: 31 Jan 2022 14:52

Tgt Ion: 77 Resp: 333

Ion	Ratio	Lower	Upper
77	100		
105	131.9	74.9	114.9
106	83.3	72.4	112.4

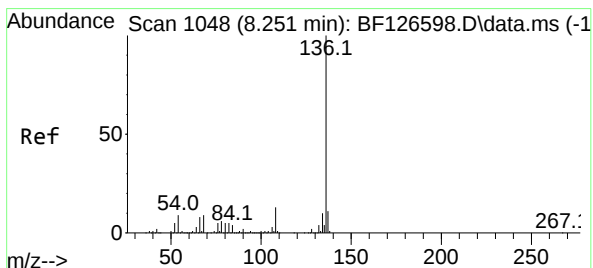
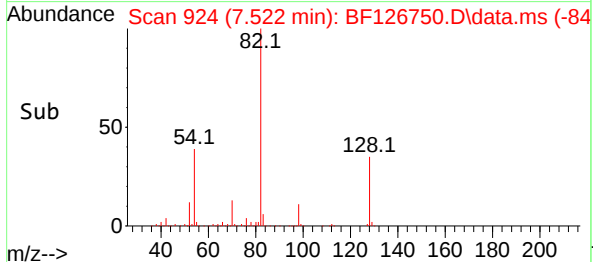
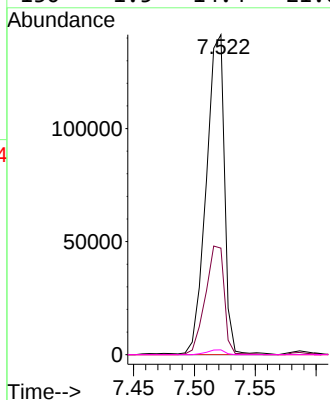
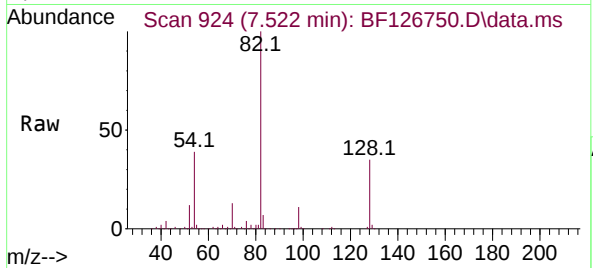




#19
n-Nitroso-di-n-propylamine
Concen: 11.937 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

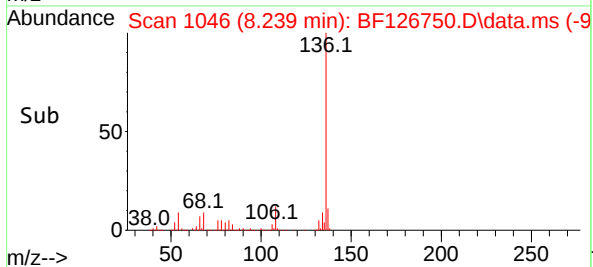
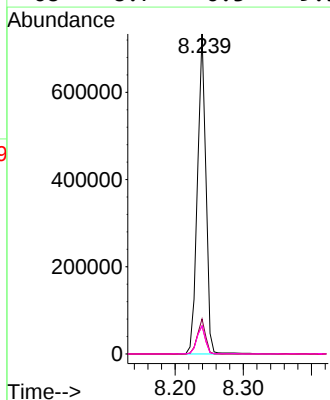
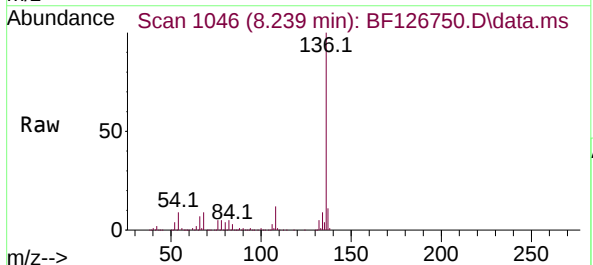
Instrument :
BNA_F
ClientSampleId :
TEX-2

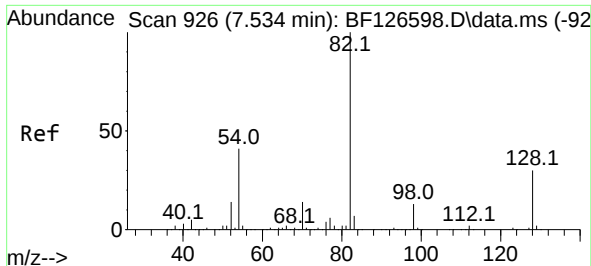
Tgt Ion: 70 Resp: 146813
Ion Ratio Lower Upper
70 100
42 33.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion: 136 Resp: 634463
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 8.7 6.3 9.5

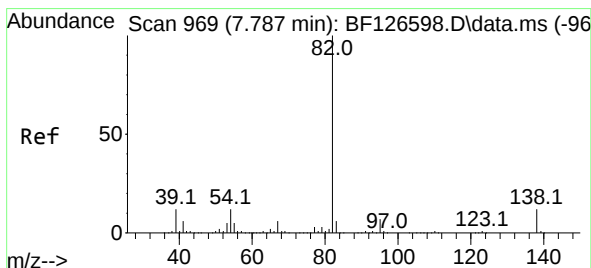
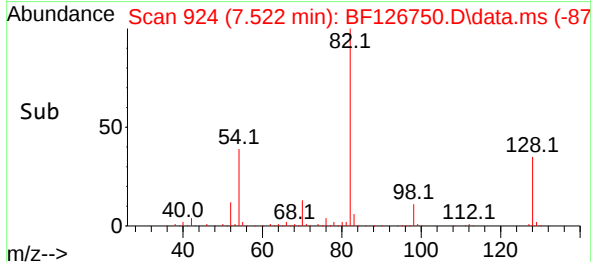
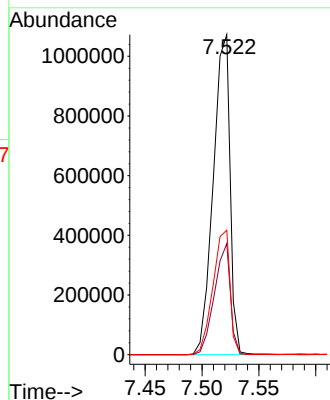
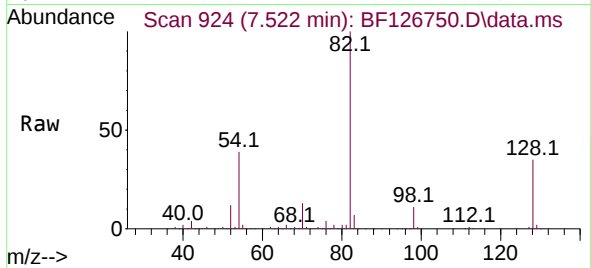




#23
Nitrobenzene-d5
Concen: 68.080 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

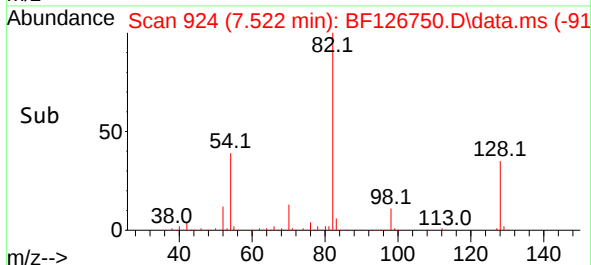
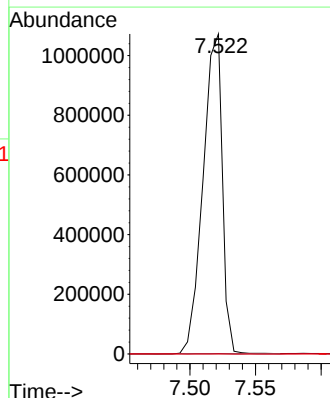
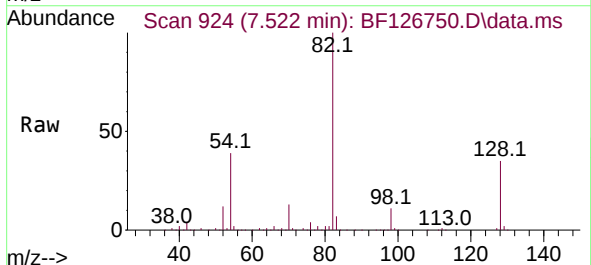
Instrument :
BNA_F
ClientSampleId :
TEX-2

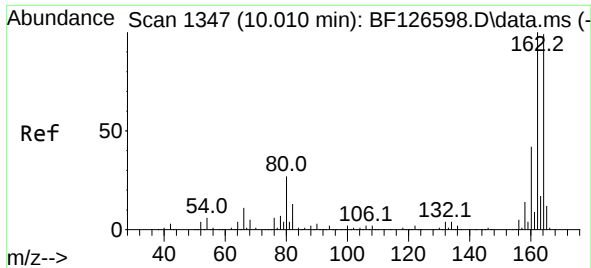
Tgt Ion: 82 Resp: 1103559
Ion Ratio Lower Upper
82 100
128 34.7 32.7 49.1
54 38.9 41.7 62.5#



#25
Isophorone
Concen: 34.890 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion: 82 Resp: 1096792
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#

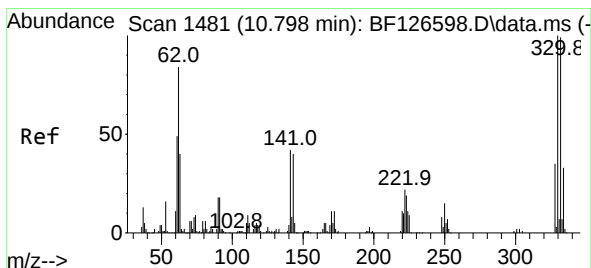
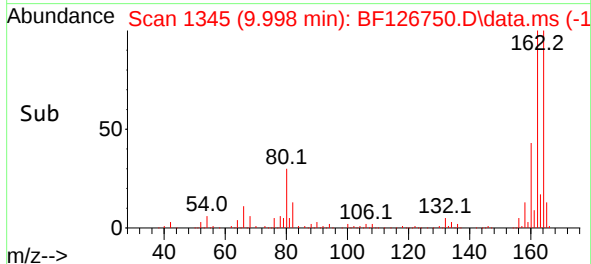
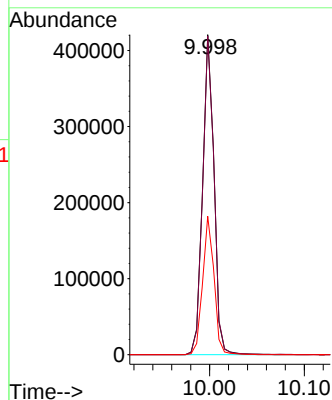
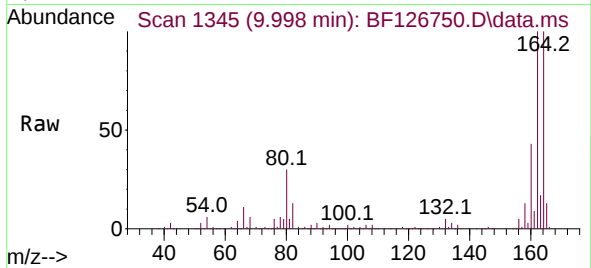




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

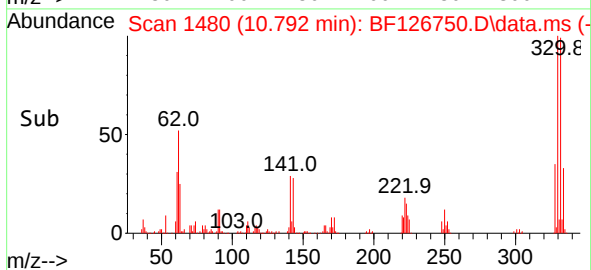
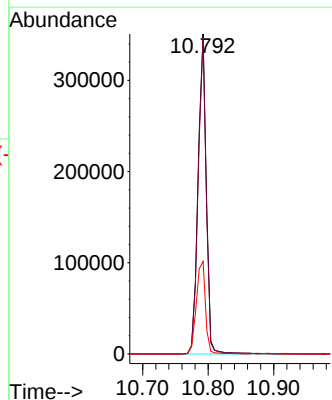
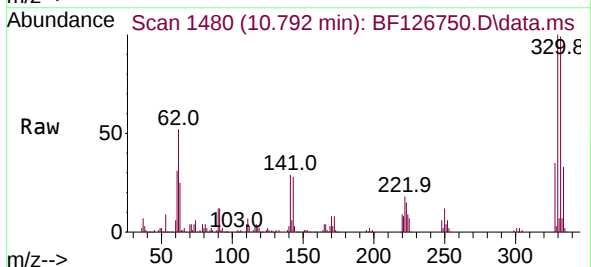
Instrument :
BNA_F
ClientSampleId :
TEX-2

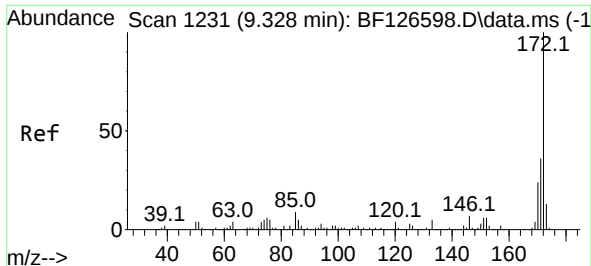
Tgt Ion:164 Resp: 350451
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 43.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 93.714 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion:330 Resp: 307353
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 32.2 30.1 45.1

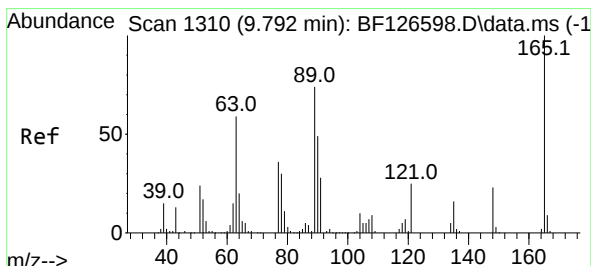
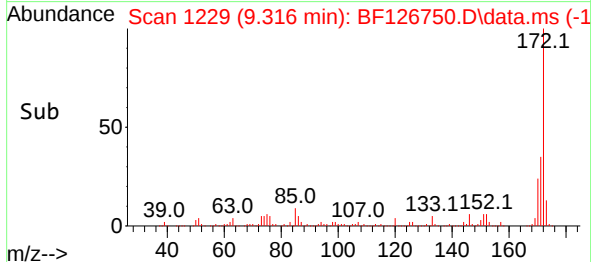
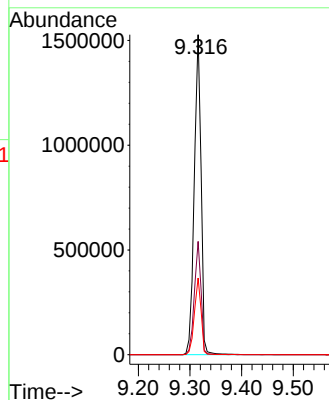
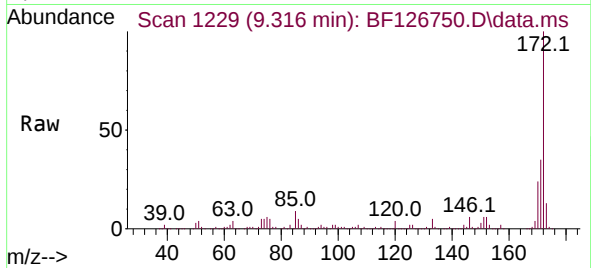




#45
 2-Fluorobiphenyl
 Concen: 61.230 ng
 RT: 9.316 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF126750.D
 Acq: 31 Jan 2022 14:52

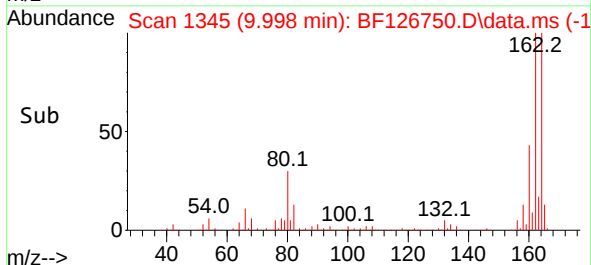
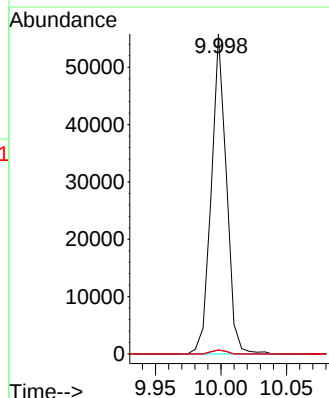
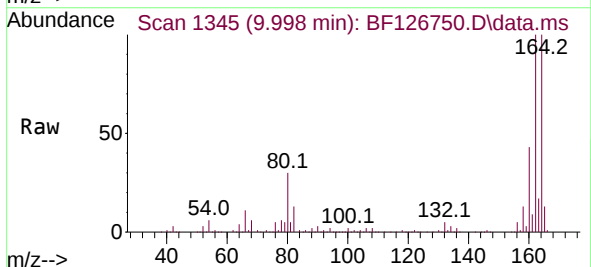
Instrument :
 BNA_F
 ClientSampleId :
 TEX-2

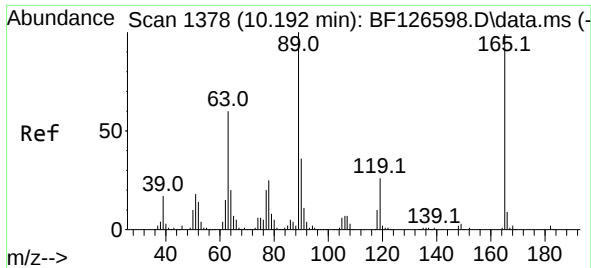
Tgt Ion:172 Resp: 1401120
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.9 19.0 28.6



#51
 2,6-Dinitrotoluene
 Concen: 10.460 ng
 RT: 9.998 min Scan# 1345
 Delta R.T. 0.218 min
 Lab File: BF126750.D
 Acq: 31 Jan 2022 14:52

Tgt Ion:165 Resp: 44926
 Ion Ratio Lower Upper
 165 100
 63 1.2 48.4 72.6#
 89 1.3 50.5 75.7#

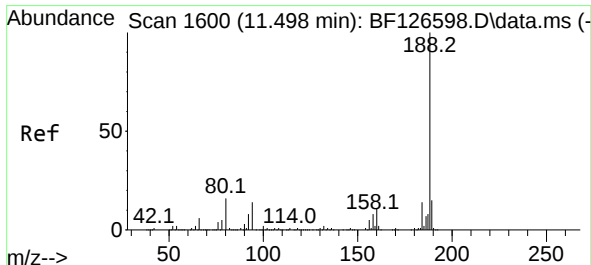
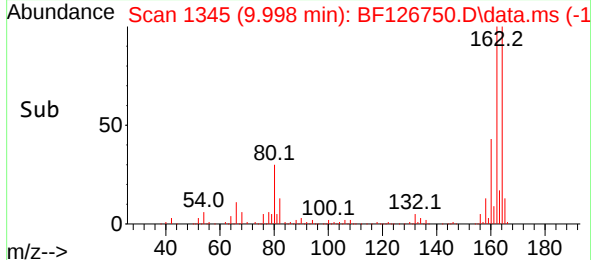
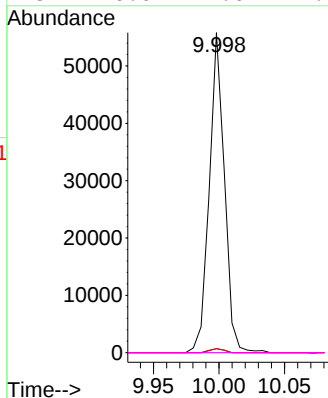
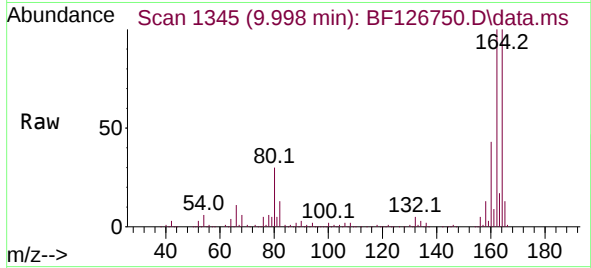




#57
2,4-Dinitrotoluene
Concen: 8.632 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

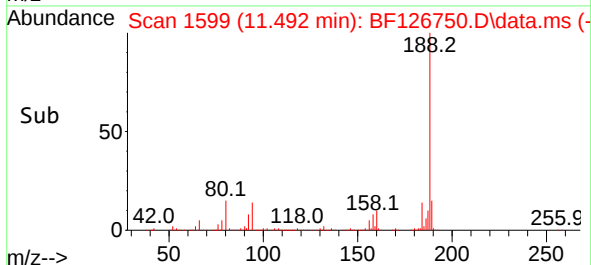
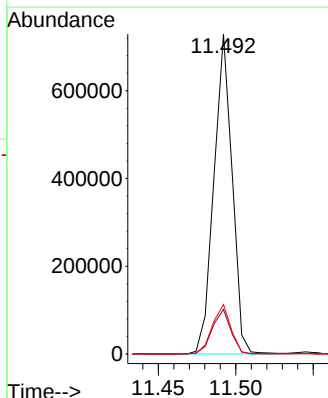
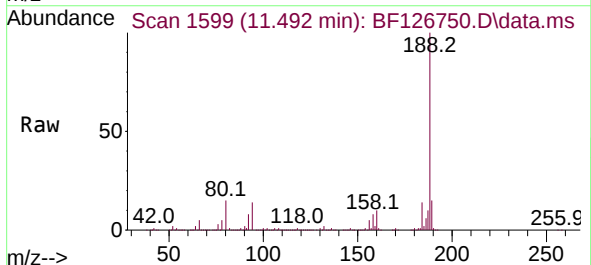
Instrument :
BNA_F
ClientSampleId :
TEX-2

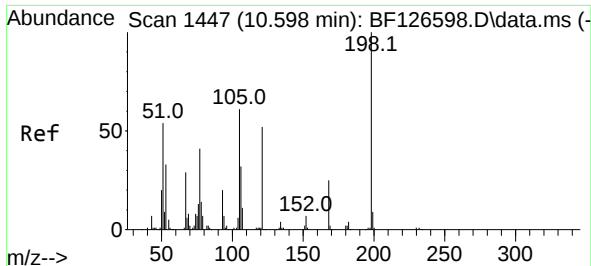
Tgt Ion:165 Resp: 44926
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion:188 Resp: 597525
Ion Ratio Lower Upper
188 100
94 13.9 10.1 15.1
80 15.5 11.8 17.6

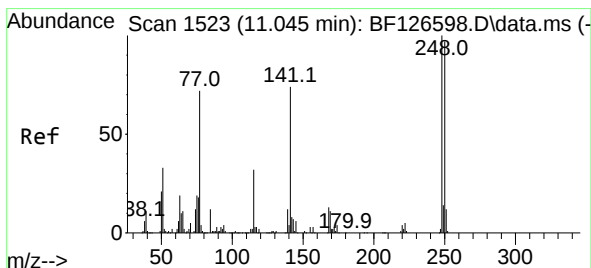
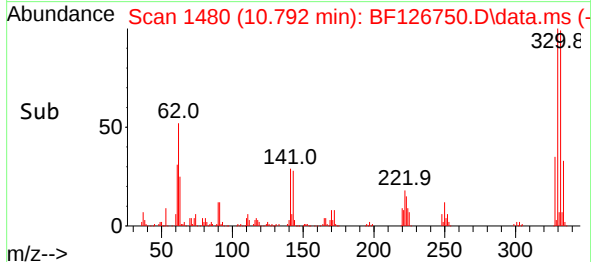
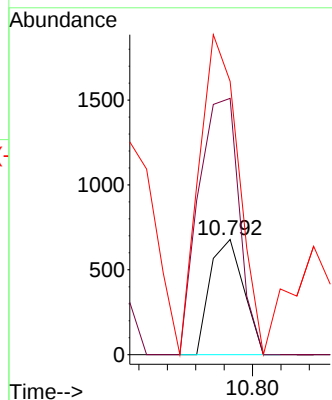
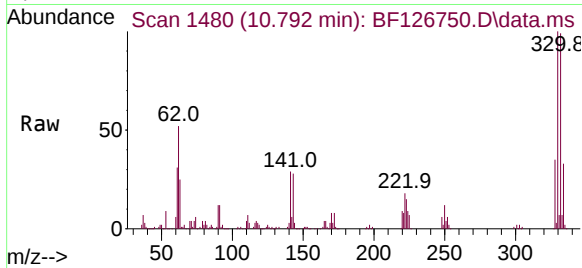




#65
4,6-Dinitro-2-methylphenol
Concen: 7.536 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

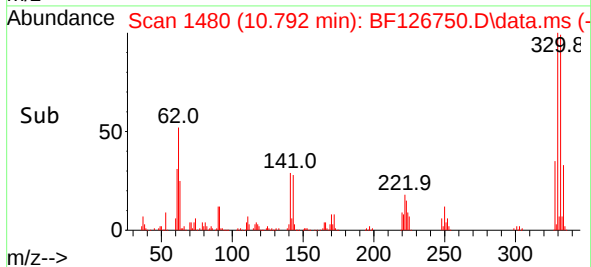
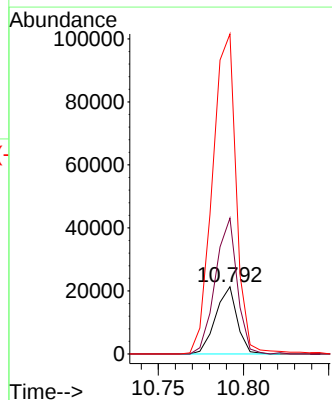
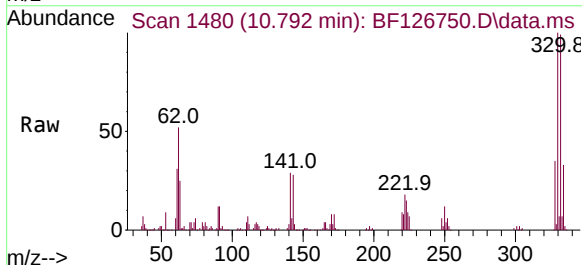
Instrument :
BNA_F
ClientSampleId :
TEX-2

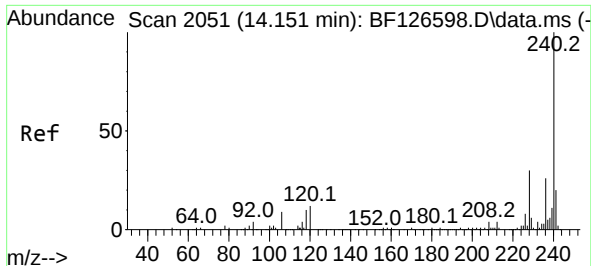
Tgt Ion:198 Resp: 556
Ion Ratio Lower Upper
198 100
51 222.5 32.0 72.0#
105 237.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion:248 Resp: 18722
Ion Ratio Lower Upper
248 100
250 202.3 76.2 114.4#
141 476.5 66.2 99.4#

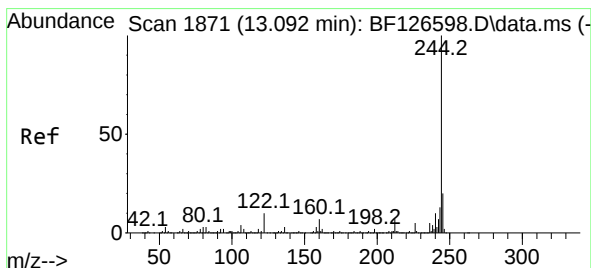
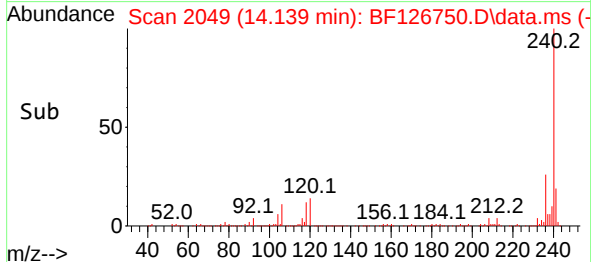
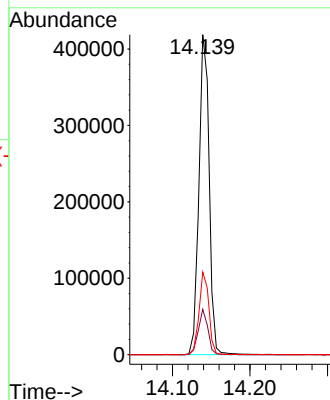
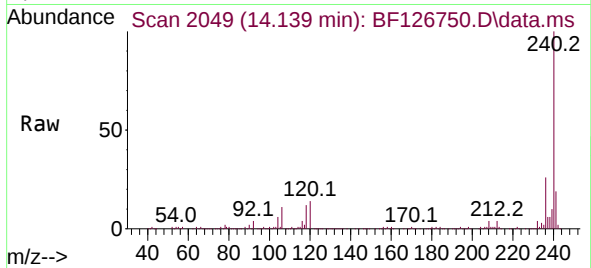




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

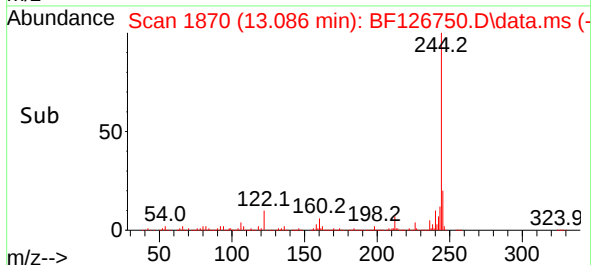
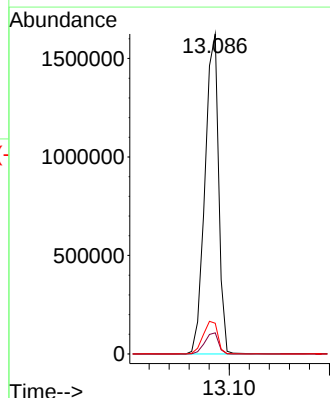
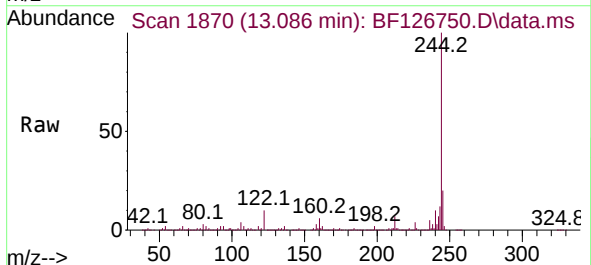
Instrument :
BNA_F
ClientSampleId :
TEX-2

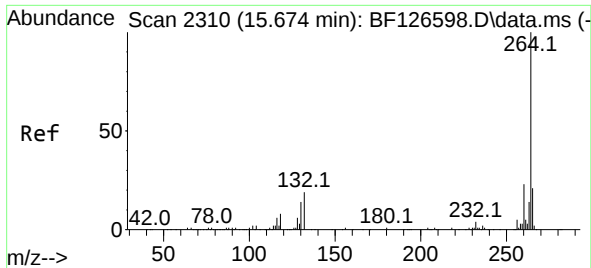
Tgt Ion:240 Resp: 384228
Ion Ratio Lower Upper
240 100
120 14.2 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 67.423 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126750.D
Acq: 31 Jan 2022 14:52

Tgt Ion:244 Resp: 1544523
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 9.6 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: BF126750.D
Acq: 31 Jan 2022 14:52

Instrument :
BNA_F
ClientSampleId :
TEX-2

Tgt Ion:264 Resp: 289199
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.4 17.4 26.2

