

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130837.D
 Acq On : 28 Oct 2022 22:29
 Operator : CG\JU
 Sample : N5281-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Oct 29 05:47:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

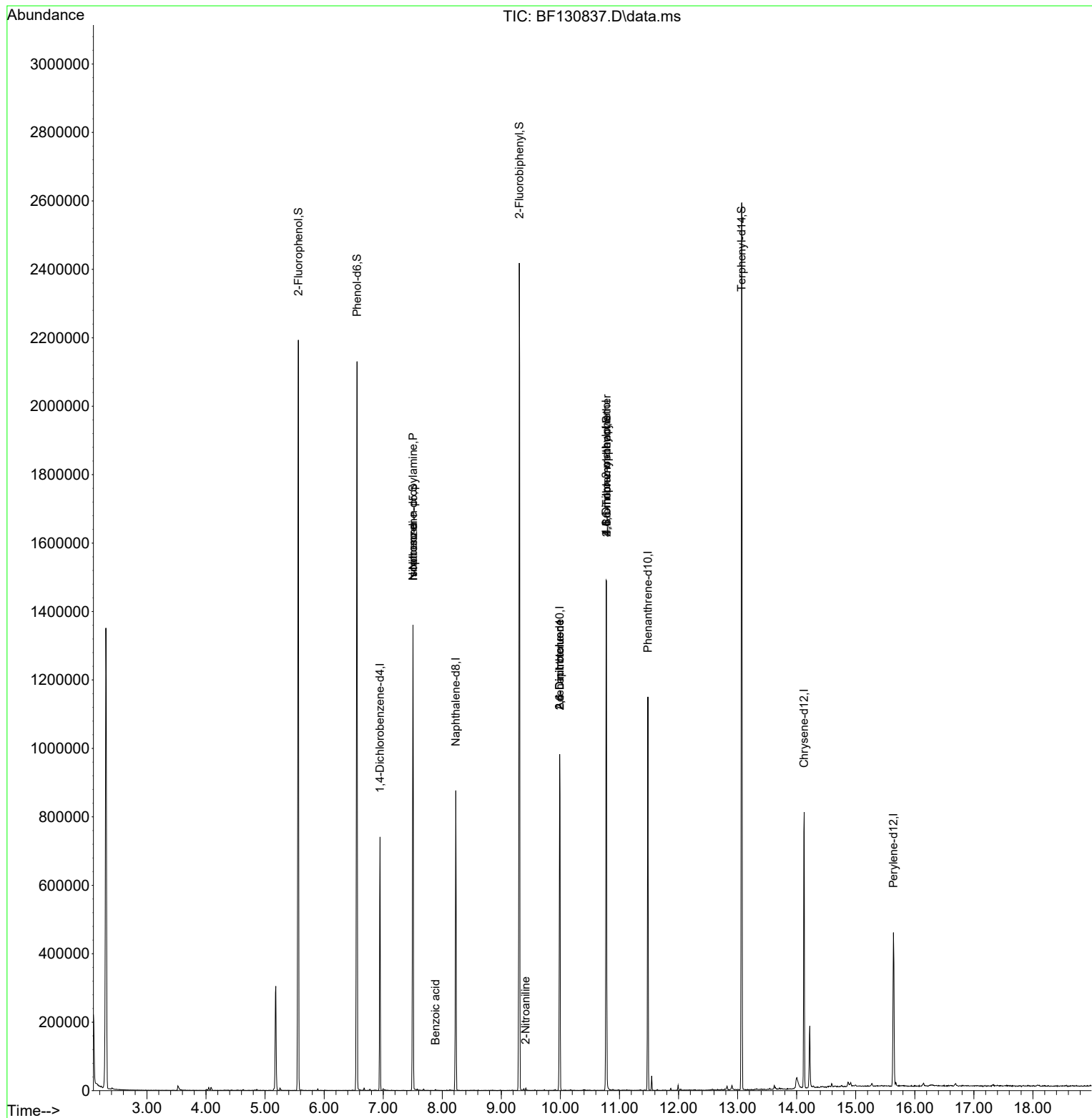
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	95373	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	368863	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	203115	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	382263	20.000	ng	0.00
76) Chrysene-d12	14.127	240	275174	20.000	ng	0.00
86) Perylene-d12	15.639	264	196258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	515365	93.679	ng	0.00
7) Phenol-d6	6.557	99	661396	92.515	ng	0.00
23) Nitrobenzene-d5	7.504	82	424387	69.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	166832	97.573	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	780403	58.089	ng	0.00
79) Terphenyl-d14	13.069	244	834144	55.548	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	59019	12.134	ng	# 80
25) Isophorone	7.504	82	424319	33.637	ng	# 66
32) Benzoic acid	7.887	122	462	7.784	ng	# 74
48) 2-Nitroaniline	9.410	65	119	4.176	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	25127	11.713	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	25127	10.665	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	382	8.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	11591	3.015	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130837.D
Acq On : 28 Oct 2022 22:29
Operator : CG\JU
Sample : N5281-12RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11

Quant Time: Oct 29 05:47:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

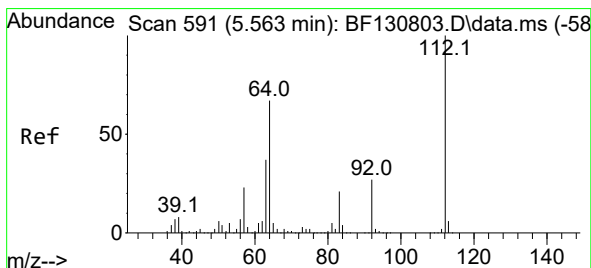
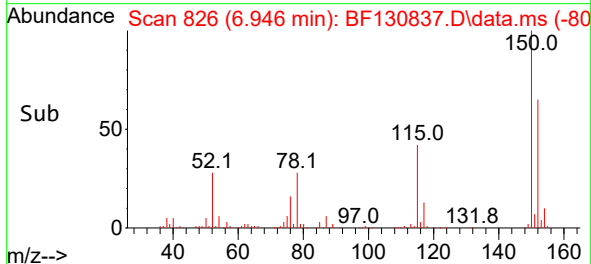
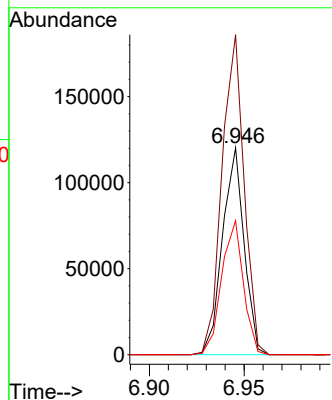
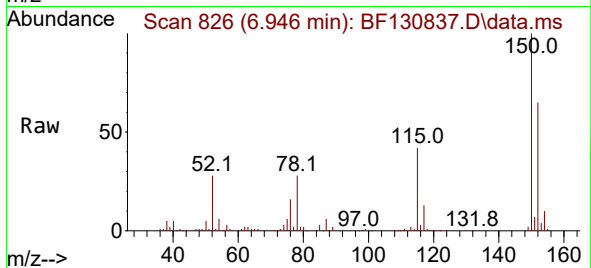




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

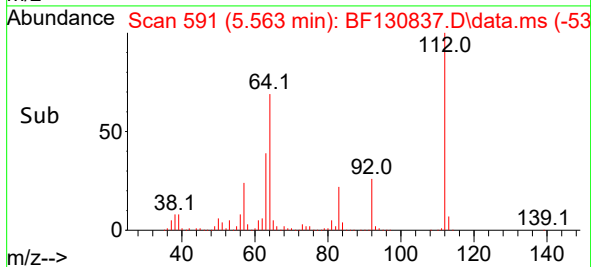
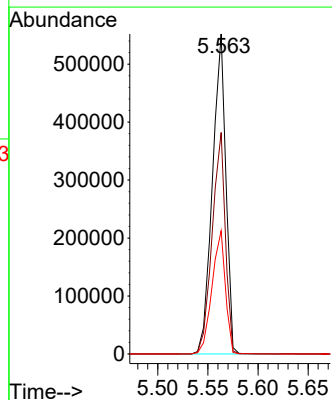
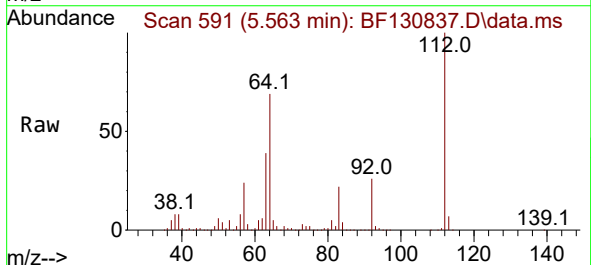
Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion:152 Resp: 95373
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 64.7 50.1 75.1



#5
2-Fluorophenol
Concen: 93.679 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:112 Resp: 515365
Ion Ratio Lower Upper
112 100
64 69.2 53.9 80.9
63 38.5 29.4 44.2

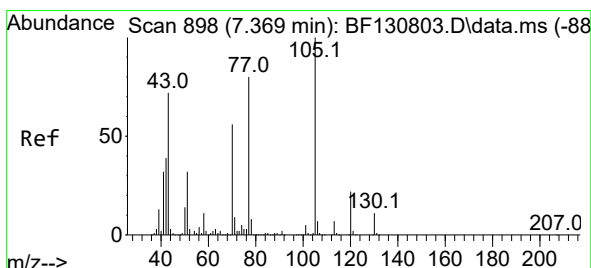
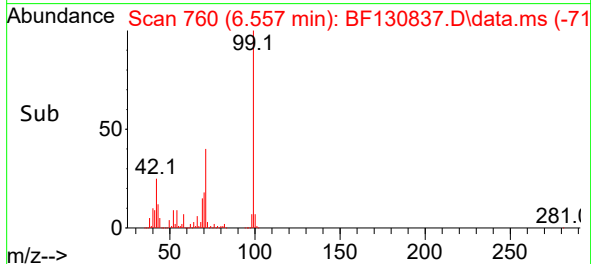
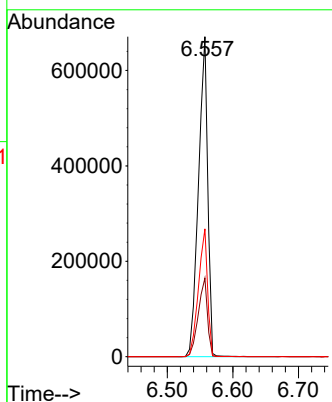
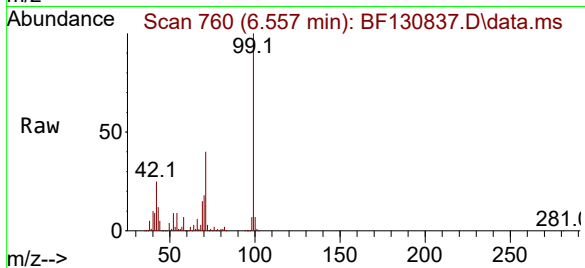




#7
Phenol-d6
Concen: 92.515 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

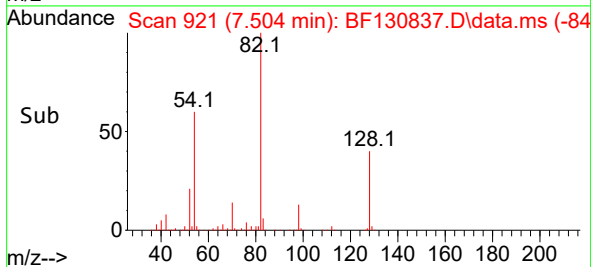
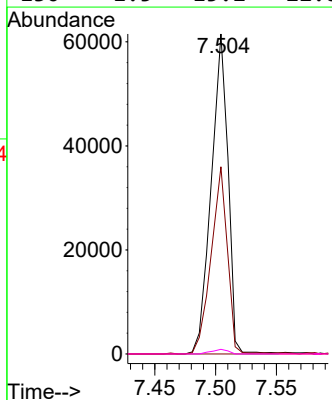
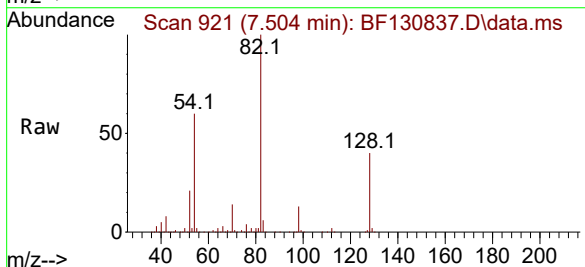
Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt Ion: 99 Resp: 661396
Ion Ratio Lower Upper
99 100
42 24.5 18.8 28.2
71 40.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.134 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion: 70 Resp: 59019
Ion Ratio Lower Upper
70 100
42 58.5 56.1 84.1
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#

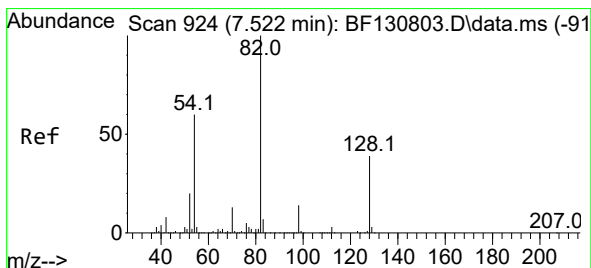
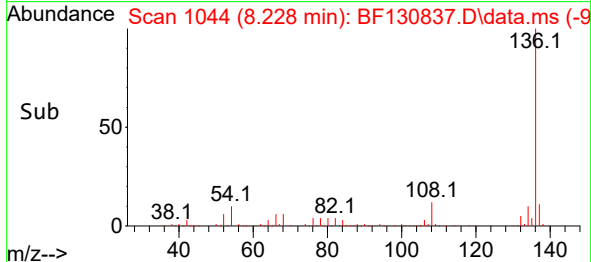
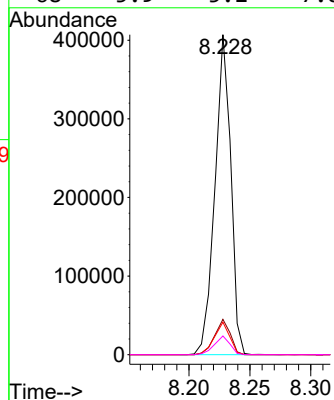
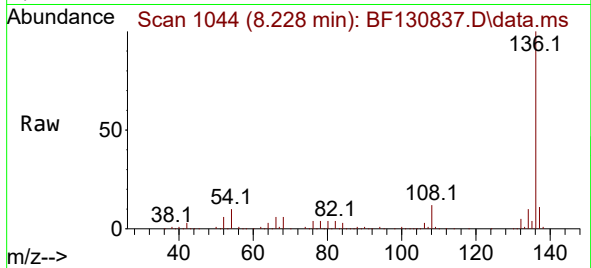




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

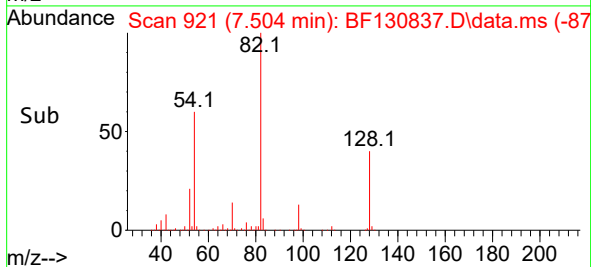
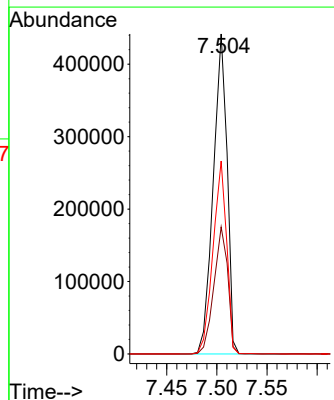
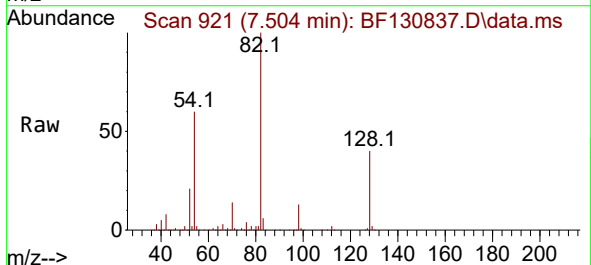
Instrument :
BNA_F
ClientSampleId :
SB-11

Tgt	Ion:136	Resp:	368863
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	10.1	8.8	13.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 69.375 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion: 82	Resp: 424387
Ion Ratio	Lower Upper
82 100	
128 39.7	31.2 46.8
54 60.3	48.0 72.0

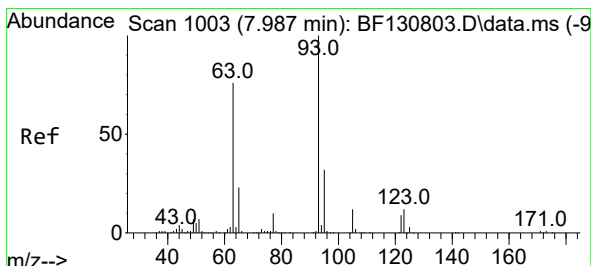
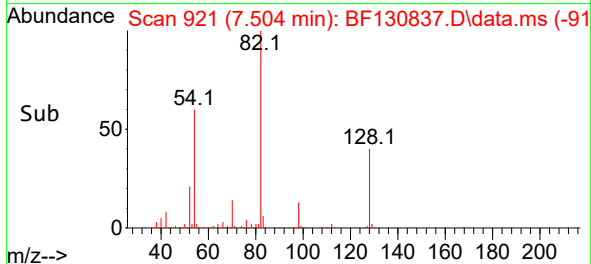
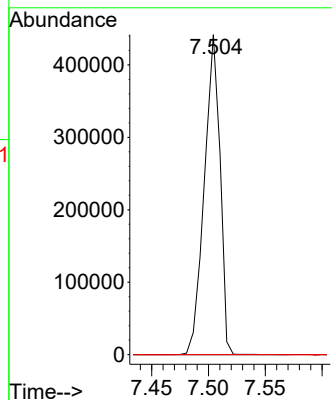
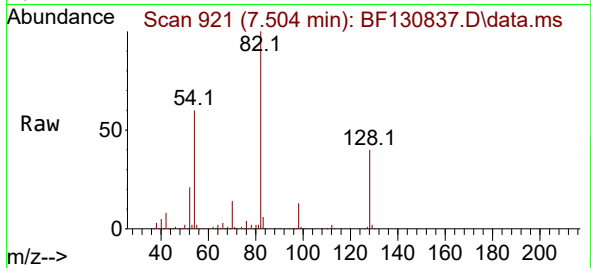




#25
Isophorone
Concen: 33.637 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

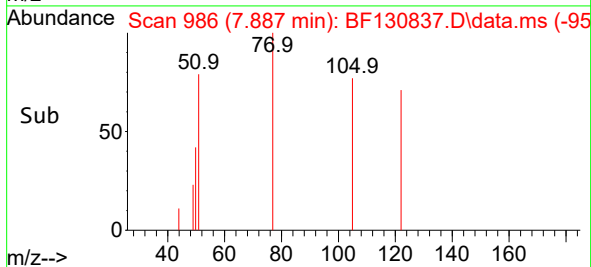
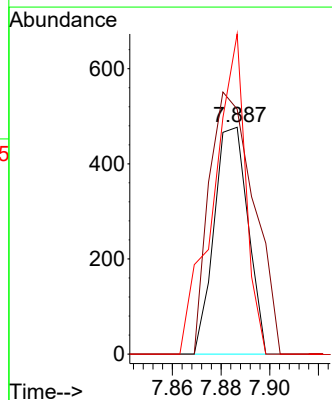
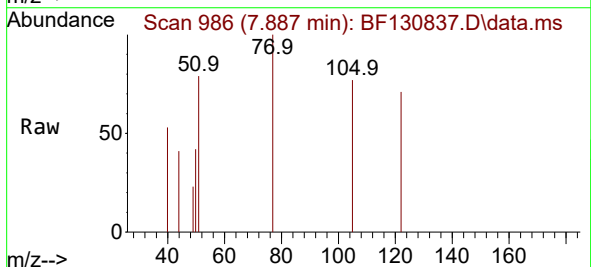
Instrument :
BNA_F
ClientSampleId :
SB-11

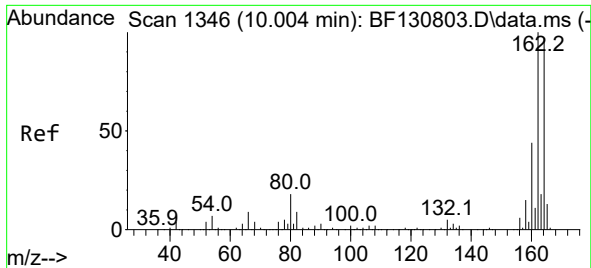
Tgt Ion: 82 Resp: 424319
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.784 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion: 122 Resp: 462
Ion Ratio Lower Upper
122 100
105 108.0 114.5 154.5#
77 141.1 89.8 129.8#

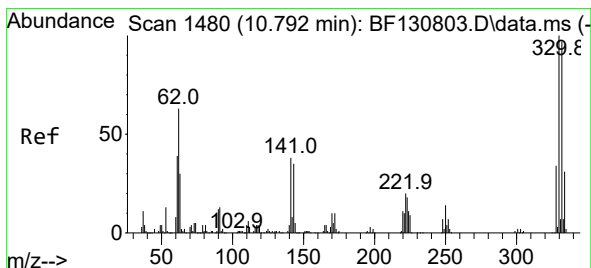
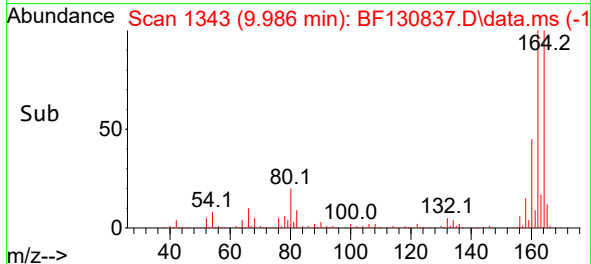
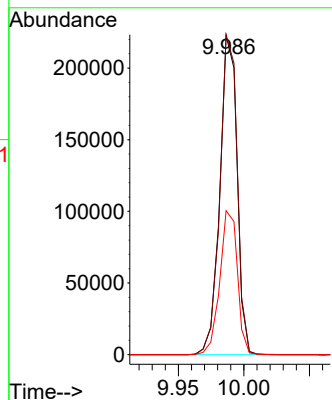
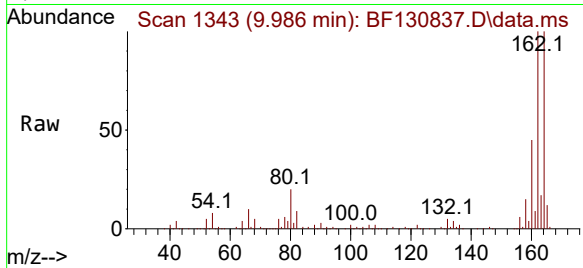




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

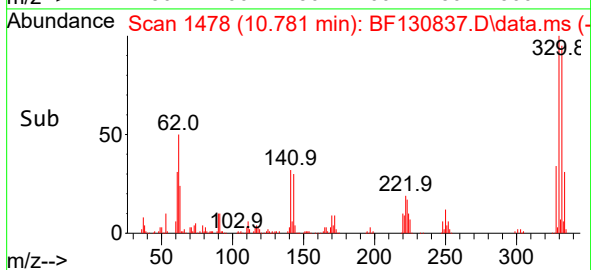
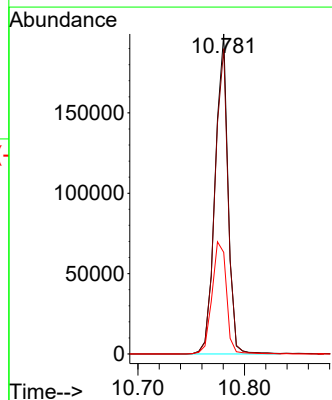
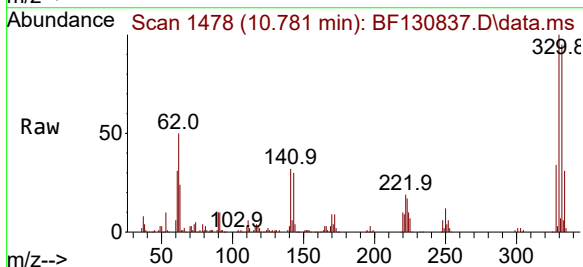
Instrument :
BNA_F
ClientSampleId :
SB-11

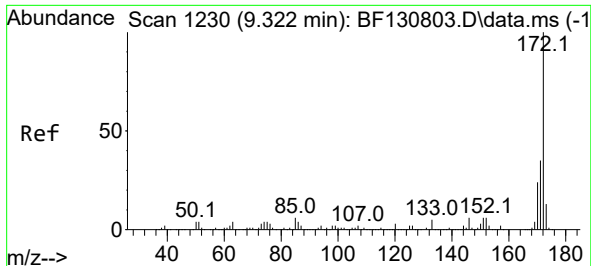
Tgt Ion:164 Resp: 203115
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 97.573 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:330 Resp: 166832
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 39.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 58.089 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130837.D

Acq: 28 Oct 2022 22:29

Instrument :

BNA_F

ClientSampleId :

SB-11

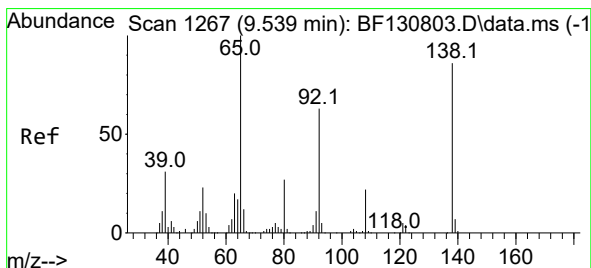
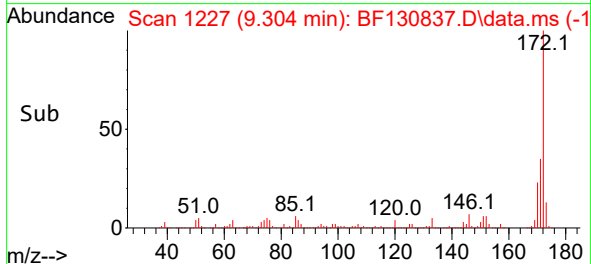
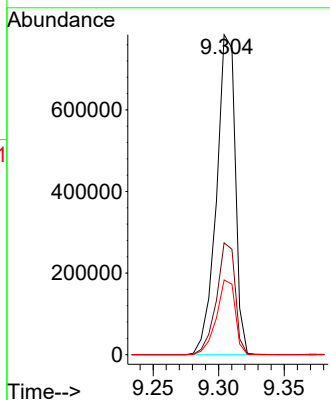
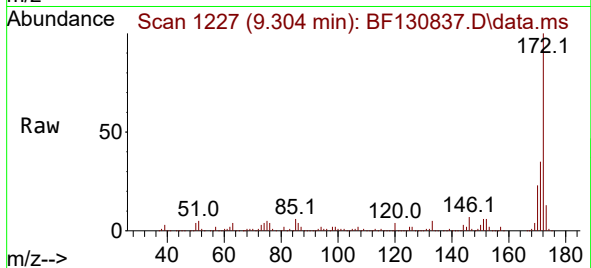
Tgt Ion:172 Resp: 780403

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.3 19.0 28.4



#48

2-Nitroaniline

Concen: 4.176 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.123 min

Lab File: BF130837.D

Acq: 28 Oct 2022 22:29

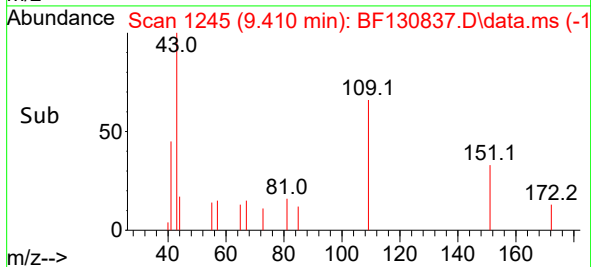
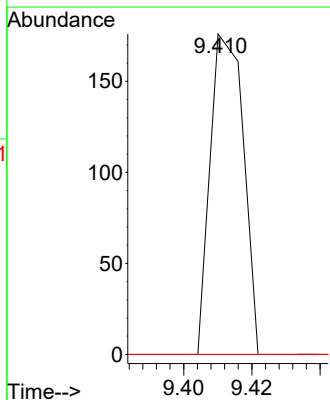
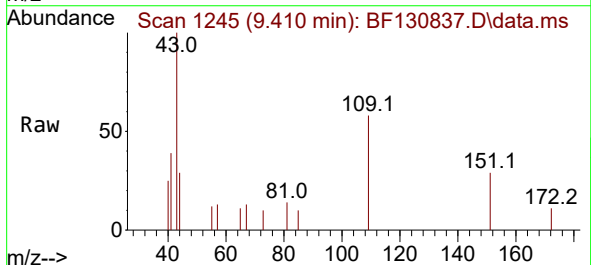
Tgt Ion: 65 Resp: 119

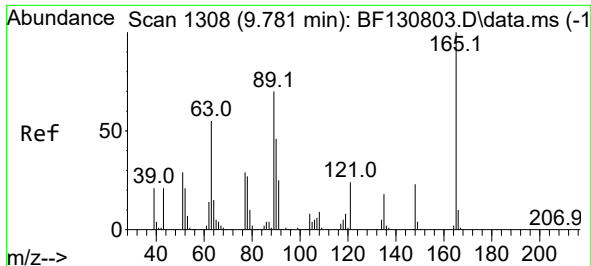
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

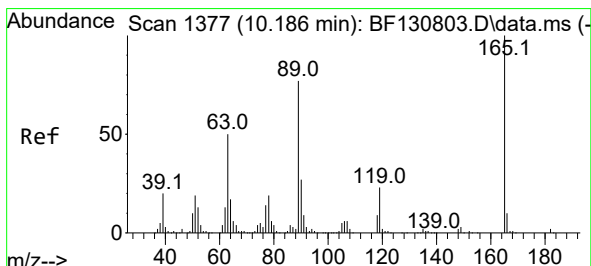
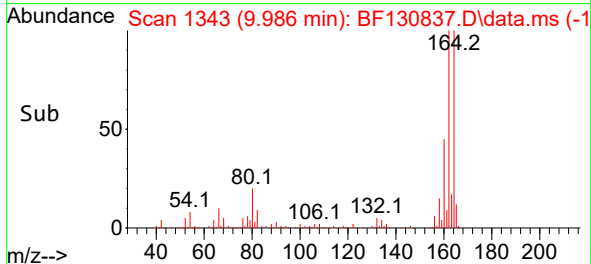
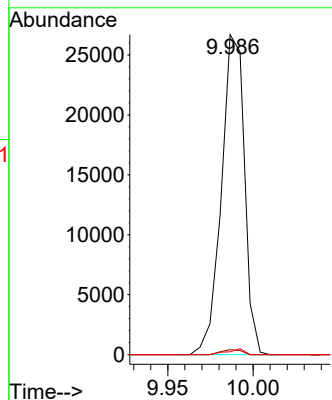
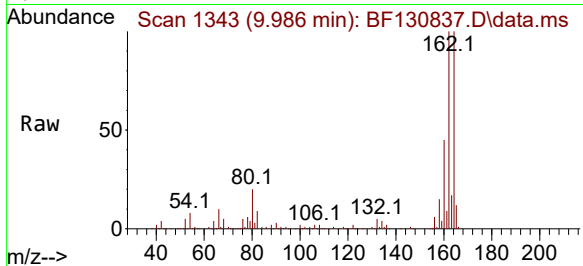




#51
2,6-Dinitrotoluene
Concen: 11.713 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

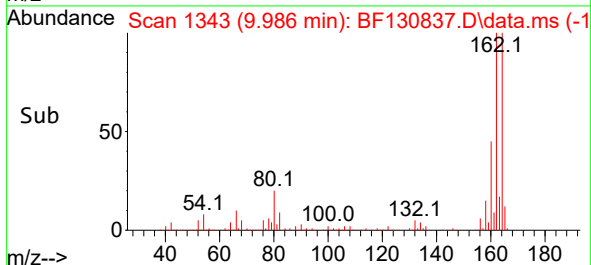
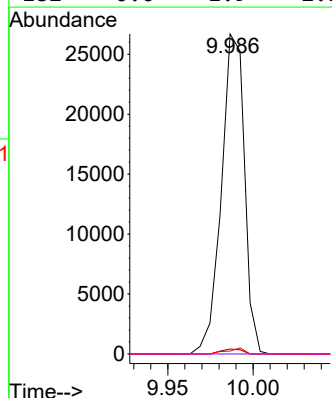
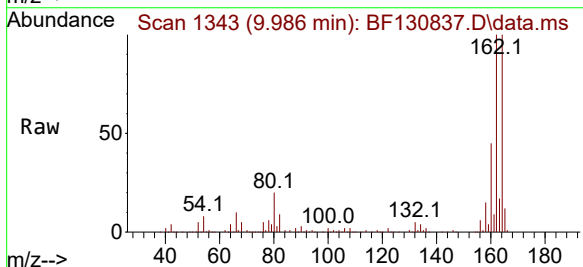
Instrument :
BNA_F
ClientSampleId :
SB-11

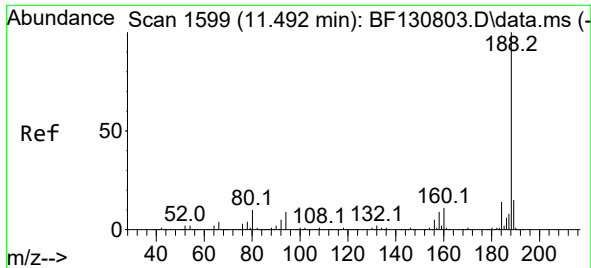
Tgt Ion:165 Resp: 25127
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 0.9 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.665 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:165 Resp: 25127
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.9 61.9 92.9#
182 0.0 1.9 2.9#

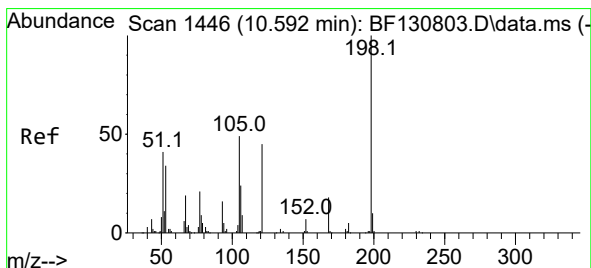
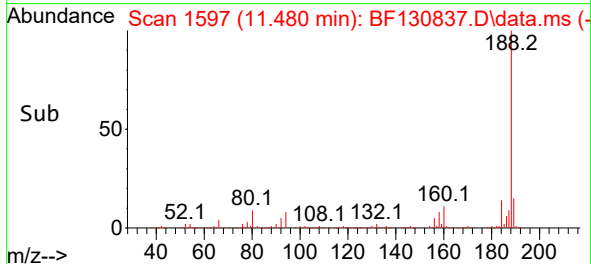
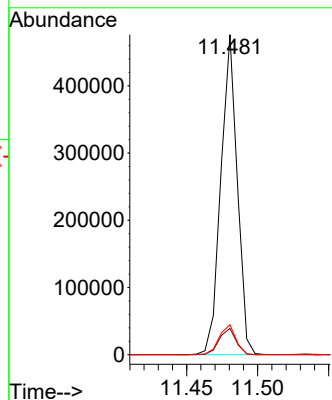
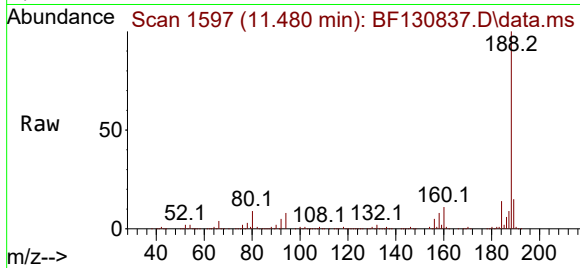




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

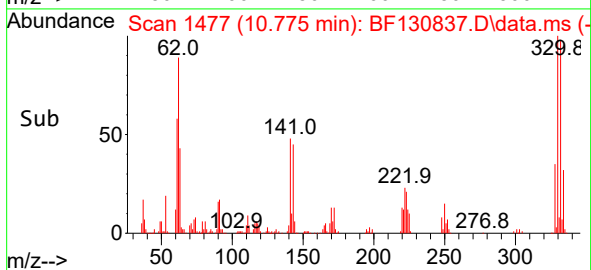
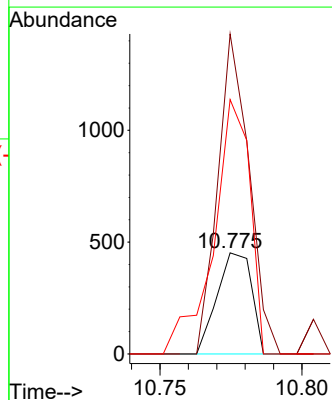
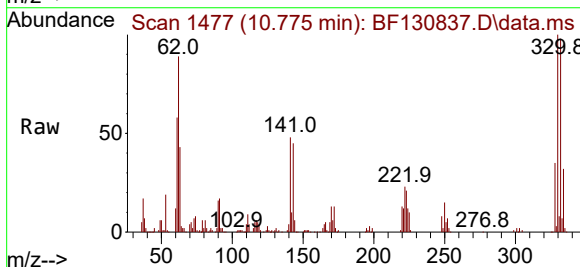
Instrument :
BNA_F
ClientSampleId :
SB-11

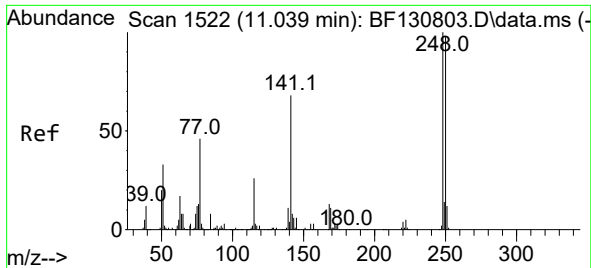
Tgt Ion:188 Resp: 382263
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.128 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.188 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:198 Resp: 382
Ion Ratio Lower Upper
198 100
51 316.6 39.0 79.0#
105 251.8 30.6 70.6#

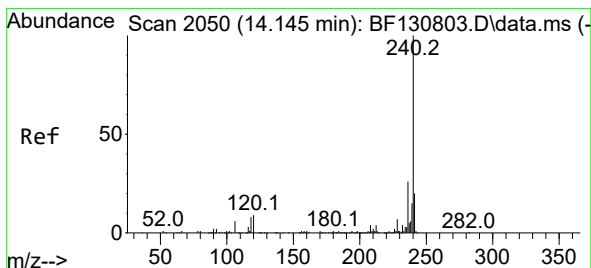
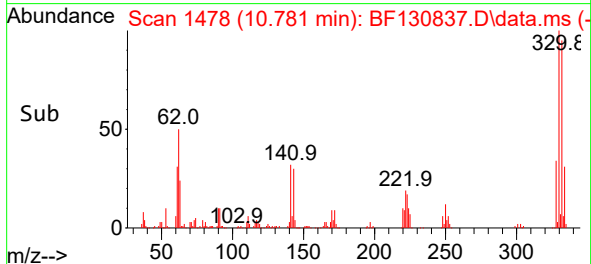
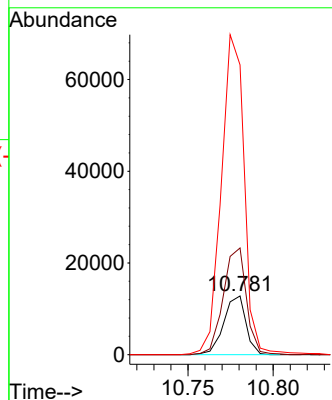
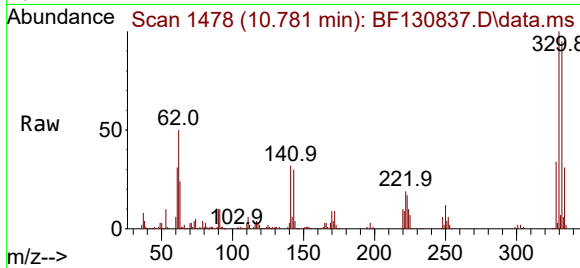




#67
4-Bromophenyl-phenylether
Concen: 3.015 ng
RT: 10.781 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

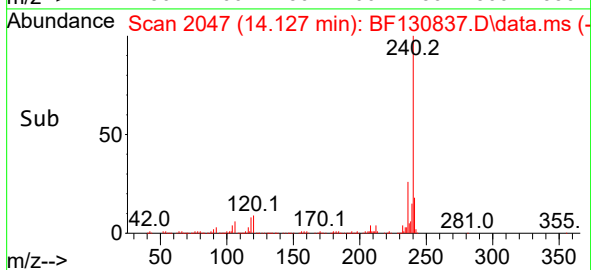
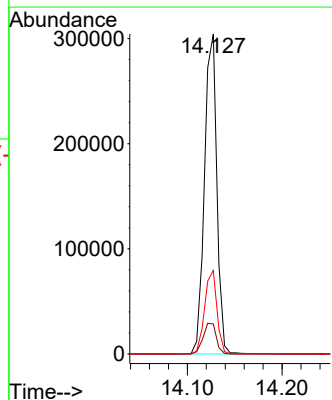
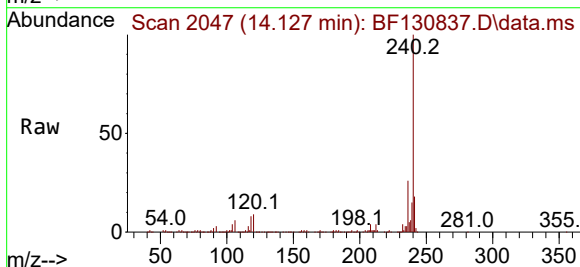
Instrument :
BNA_F
ClientSampleId :
SB-11

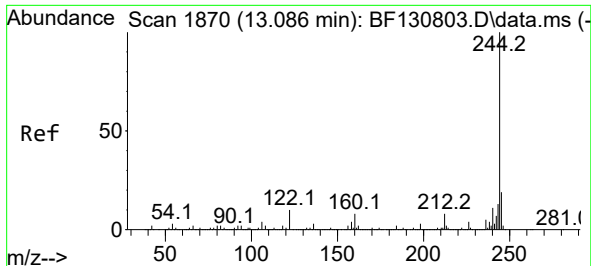
Tgt Ion:248 Resp: 11591
Ion Ratio Lower Upper
248 100
250 181.7 78.6 117.8#
141 493.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130837.D
Acq: 28 Oct 2022 22:29

Tgt Ion:240 Resp: 275174
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 26.1 20.5 30.7

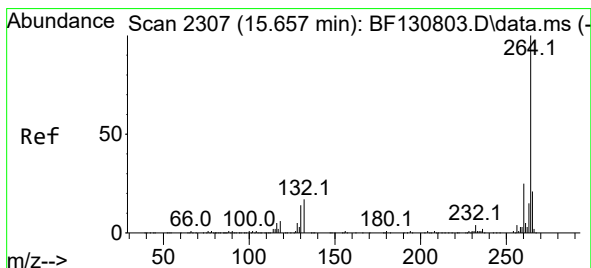
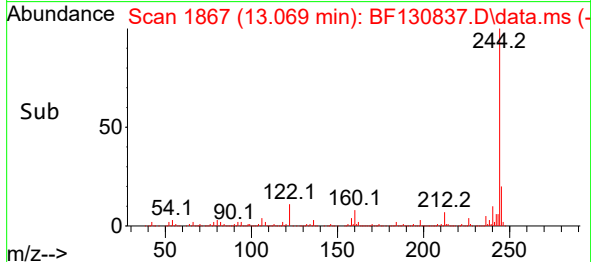
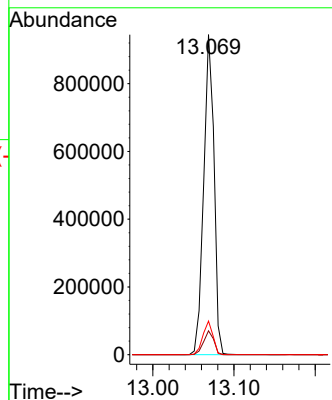
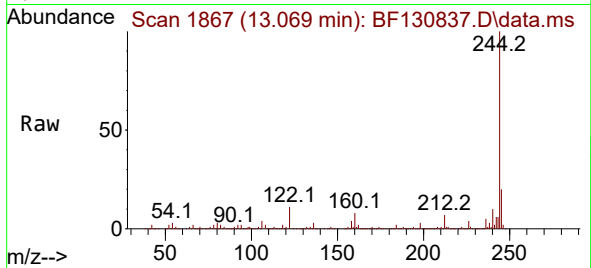




#79
 Terphenyl-d14
 Concen: 55.548 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tgt Ion:244 Resp: 834144
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130837.D
 Acq: 28 Oct 2022 22:29

Tgt Ion:264 Resp: 196258
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.9 29.9
 265 21.5 17.0 25.6

