

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130808.D
 Acq On : 27 Oct 2022 20:49
 Operator : CG\JU
 Sample : PB148598BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BL

Quant Time: Oct 28 04:53:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

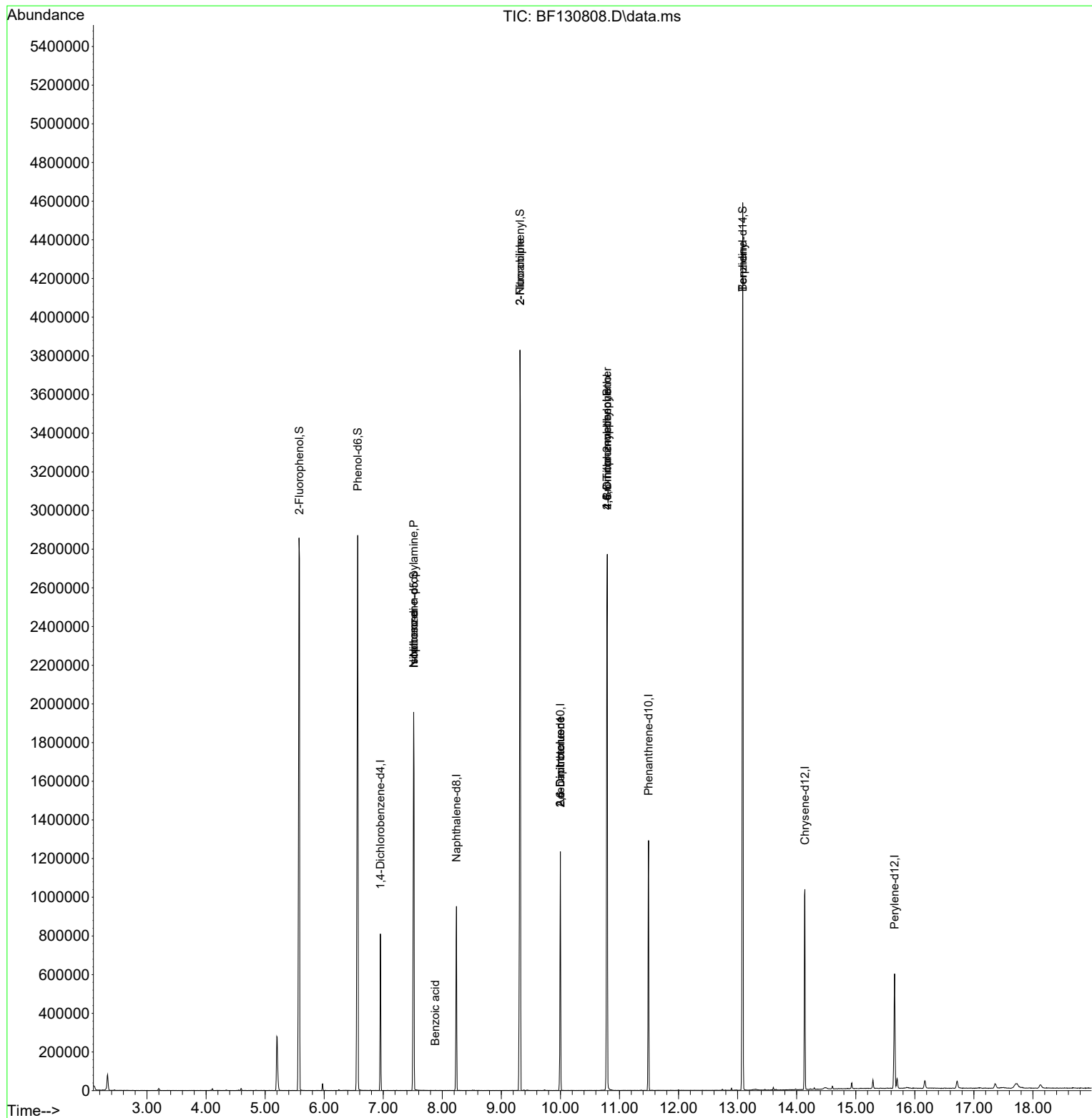
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	103762	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	402773	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231742	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	454120	20.000	ng	0.00
76) Chrysene-d12	14.139	240	363372	20.000	ng	0.00
86) Perylene-d12	15.656	264	264584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	843601	140.945	ng	0.02
7) Phenol-d6	6.569	99	1078322	138.639	ng	0.00
23) Nitrobenzene-d5	7.516	82	702697	105.200	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	310959	159.401	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1312602	85.634	ng	0.00
79) Terphenyl-d14	13.086	244	1665108	83.970	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	98968	18.702	ng	# 81
25) Isophorone	7.516	82	697831	50.662	ng	# 66
32) Benzoic acid	7.880	122	63	7.693	ng	92
48) 2-Nitroaniline	9.316	65	2664	4.719	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	29720	12.040	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	29720	10.920	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.792	198	903	8.325	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	20804	4.555	ng	# 1
77) Benzidine	13.086	184	24330	2.758	ng	# 91

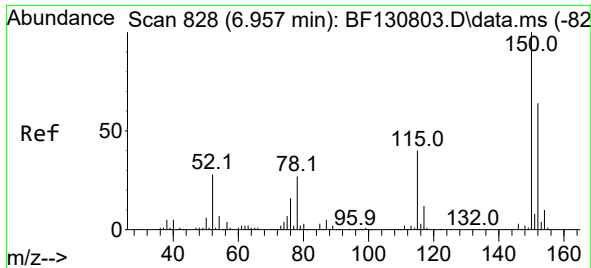
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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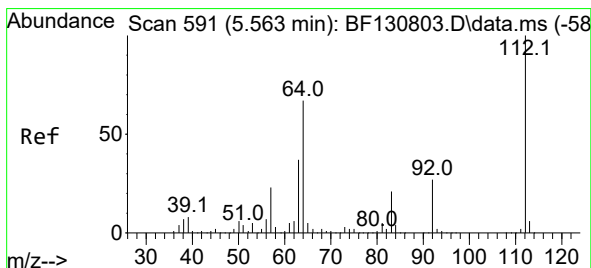
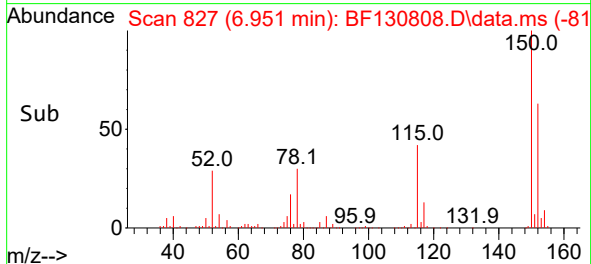
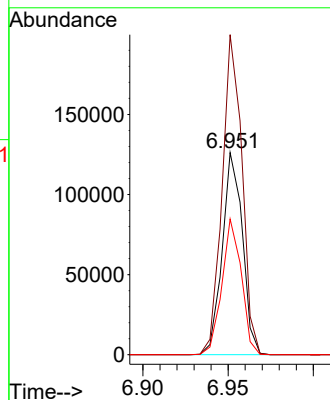
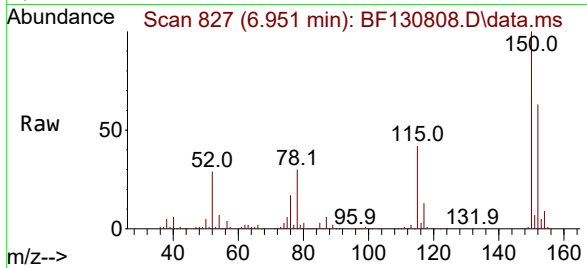




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

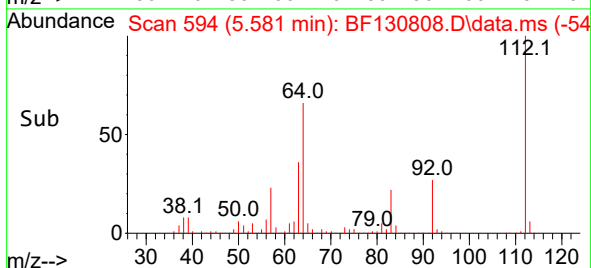
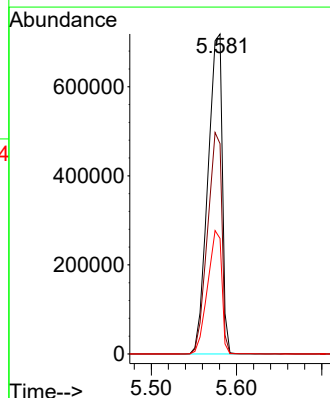
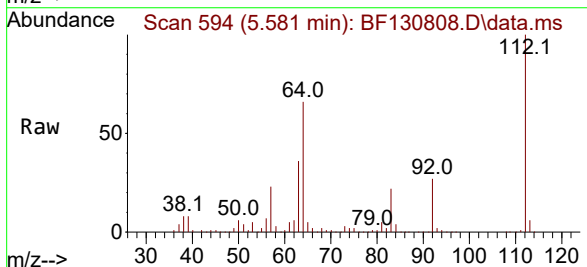
Instrument :
BNA_F
ClientSampleId :
PB148598BL

Tgt Ion:152 Resp: 103762
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 67.1 50.1 75.1



#5
2-Fluorophenol
Concen: 140.945 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:112 Resp: 843601
Ion Ratio Lower Upper
112 100
64 65.7 53.9 80.9
63 36.1 29.4 44.2

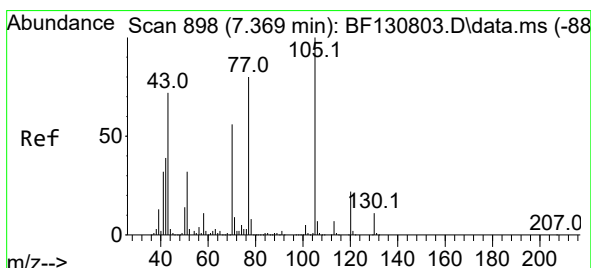
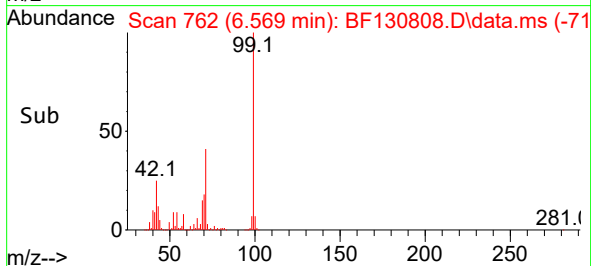
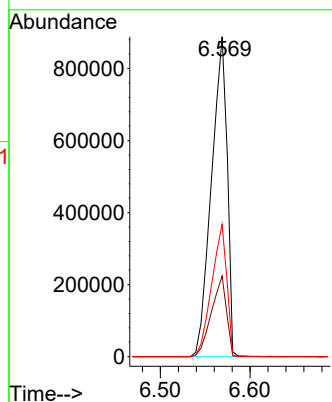
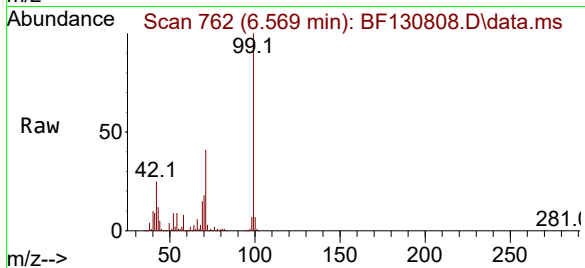




#7
Phenol-d6
Concen: 138.639 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

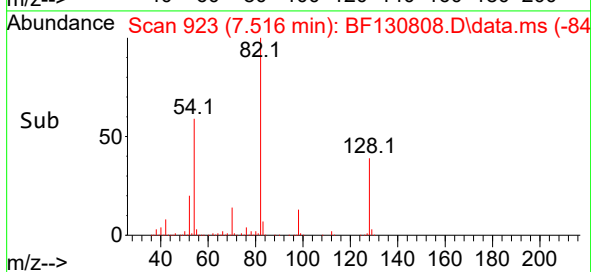
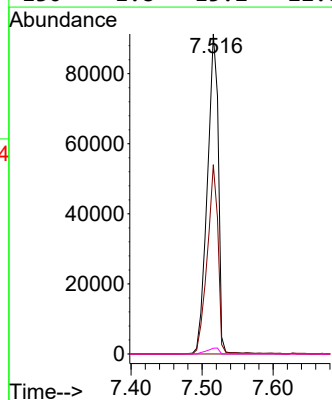
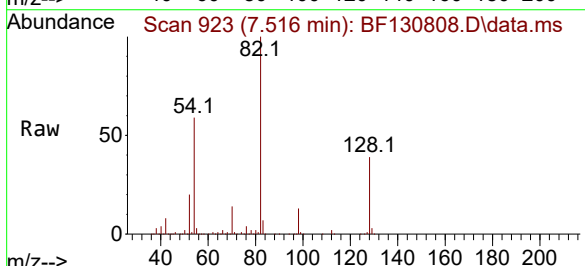
Instrument :
BNA_F
ClientSampleId :
PB148598BL

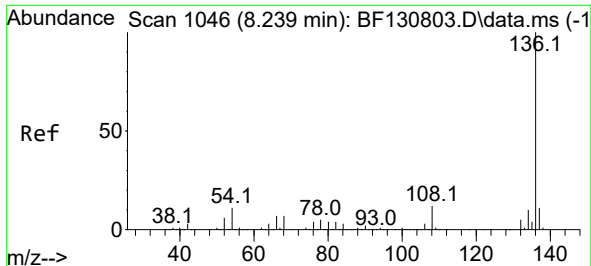
Tgt Ion: 99 Resp: 1078322
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 41.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.702 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

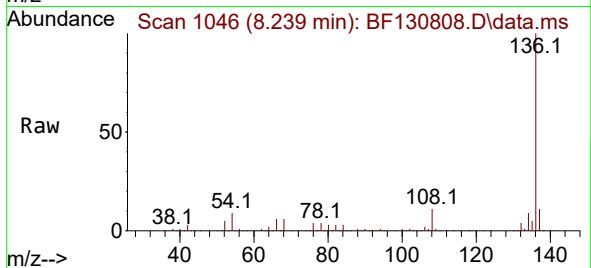
Tgt Ion: 70 Resp: 98968
Ion Ratio Lower Upper
70 100
42 59.2 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#





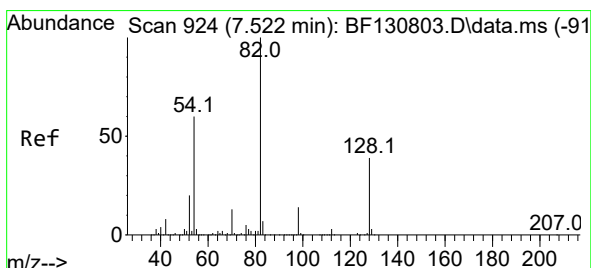
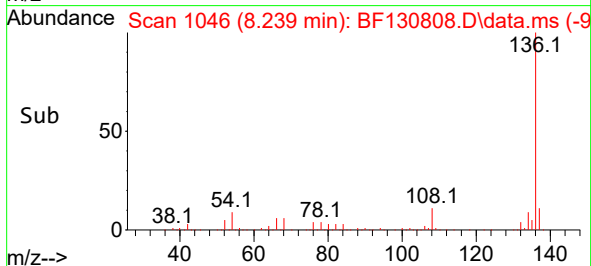
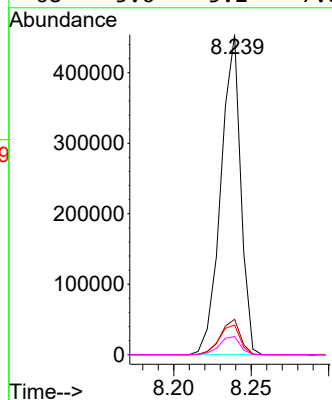
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Instrument :
BNA_F
ClientSampleId :
PB148598BL



Tgt Ion:136 Resp: 402773

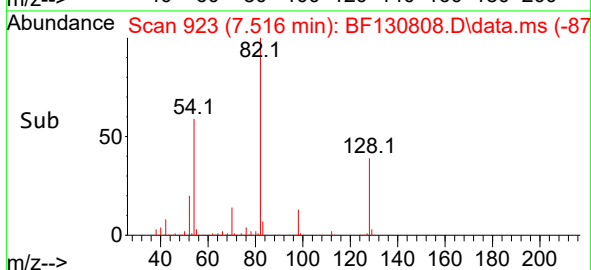
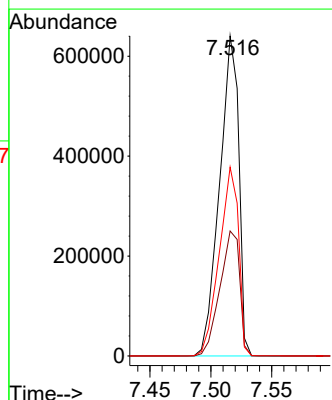
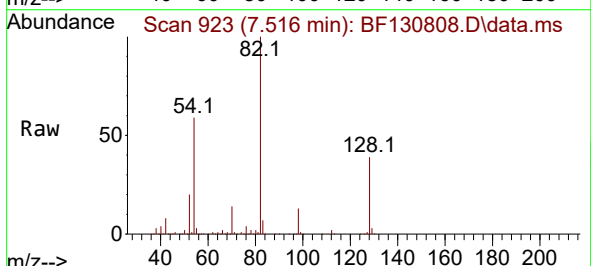
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.3	8.8	13.2
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 105.200 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion: 82 Resp: 702697

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.2	46.8
54	59.0	48.0	72.0

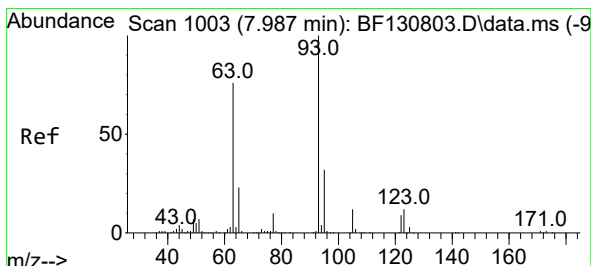
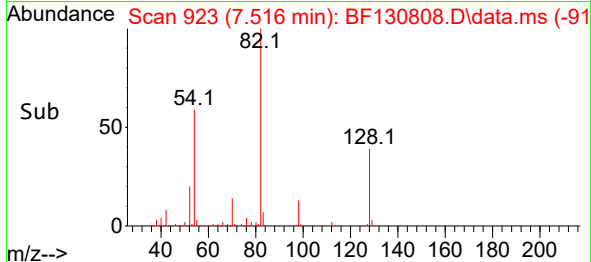
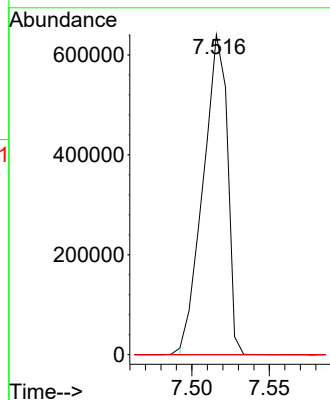
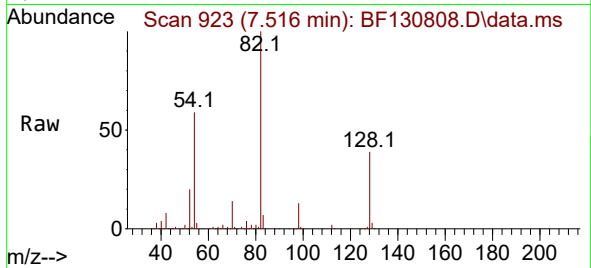




#25
Isophorone
Concen: 50.662 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

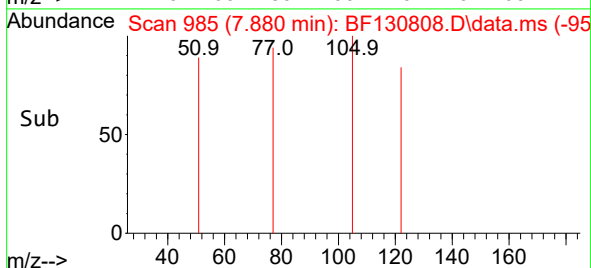
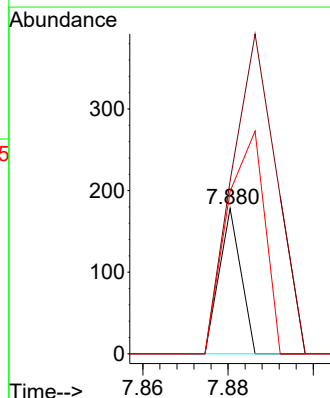
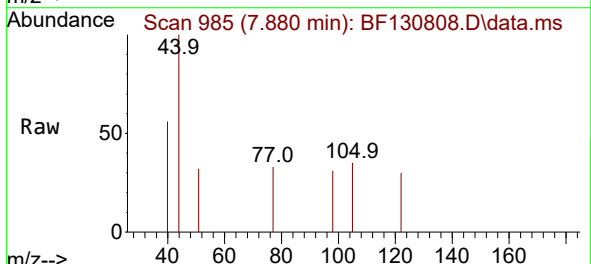
Instrument :
BNA_F
ClientSampleId :
PB148598BL

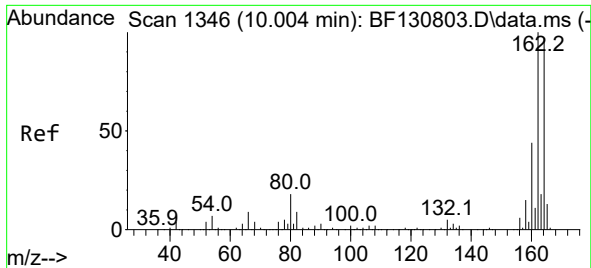
Tgt Ion: 82 Resp: 697831
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.693 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.107 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion: 122 Resp: 63
Ion Ratio Lower Upper
122 100
105 119.1 114.5 154.5
77 111.8 89.8 129.8

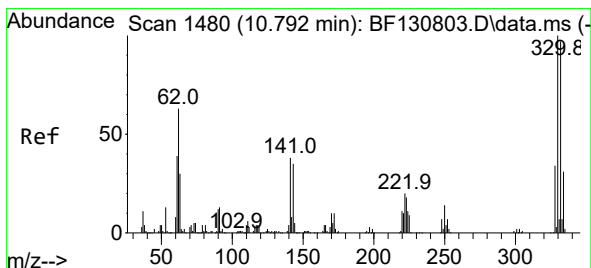
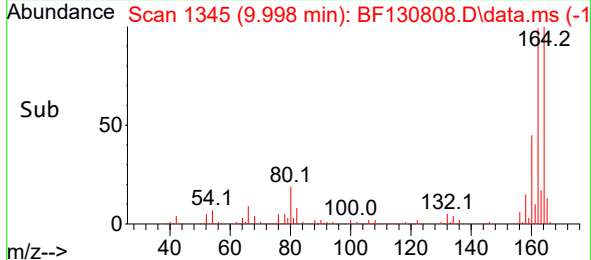
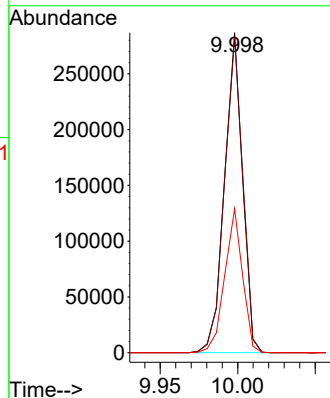
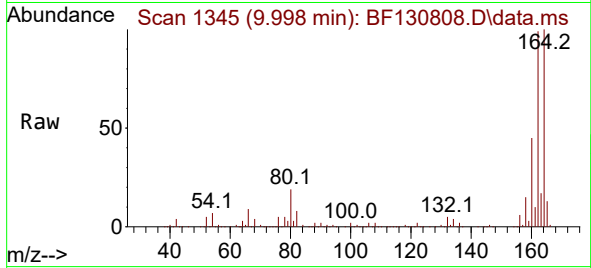




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

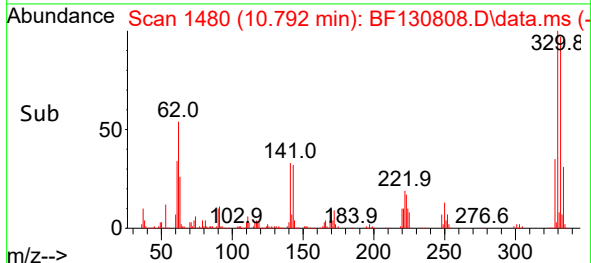
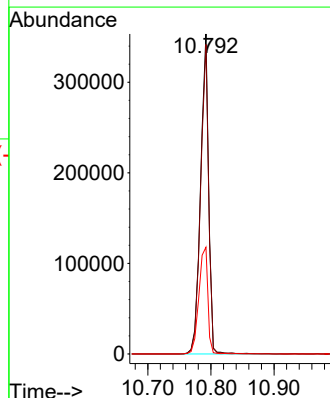
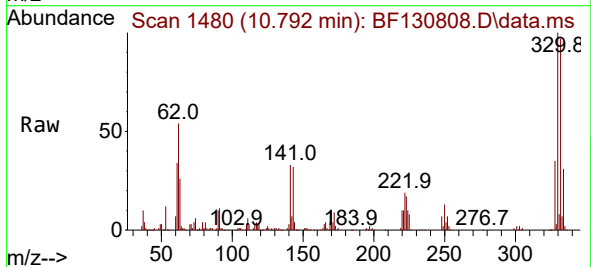
Instrument :
BNA_F
ClientSampleId :
PB148598BL

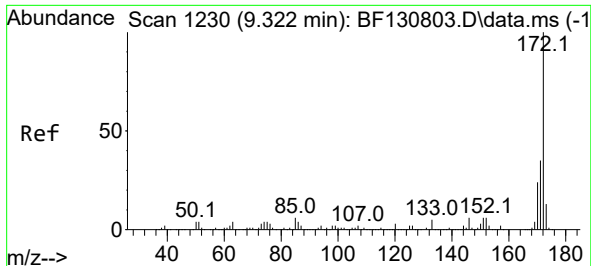
Tgt Ion:164 Resp: 231742
Ion Ratio Lower Upper
164 100
162 98.7 82.2 123.2
160 45.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 159.401 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:330 Resp: 310959
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 37.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 85.634 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130808.D

Acq: 27 Oct 2022 20:49

Instrument :

BNA_F

ClientSampleId :

PB148598BL

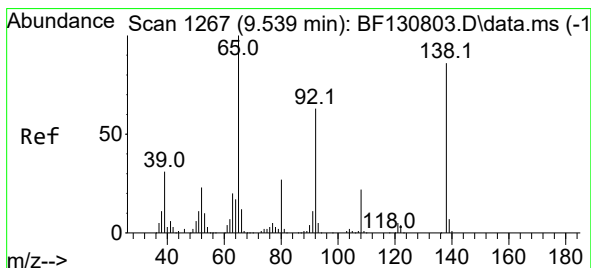
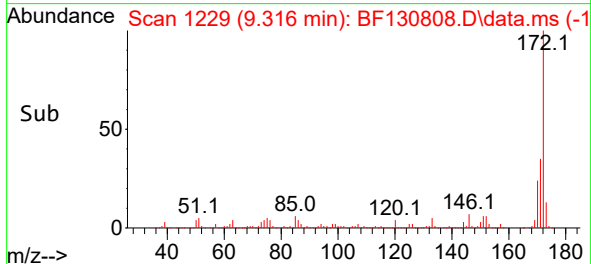
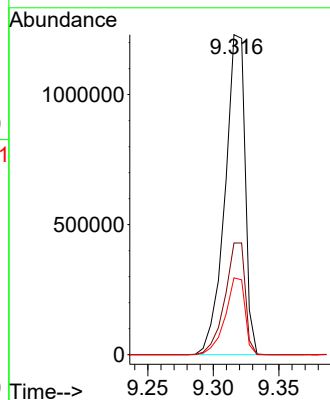
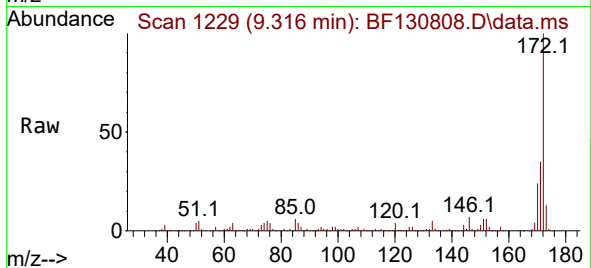
Tgt Ion:172 Resp: 1312602

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 24.0 19.0 28.4



#48

2-Nitroaniline

Concen: 4.719 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.223 min

Lab File: BF130808.D

Acq: 27 Oct 2022 20:49

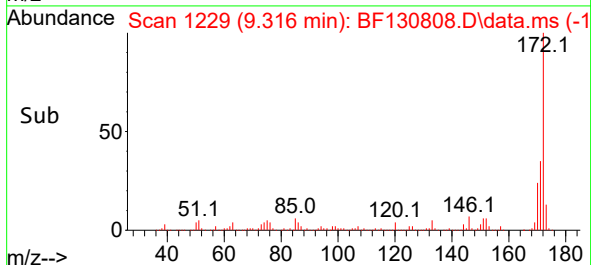
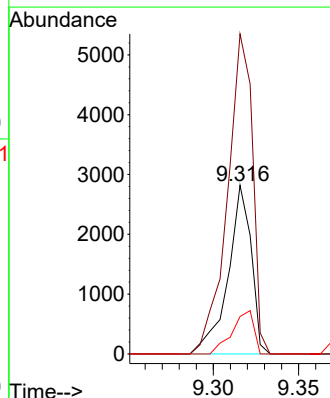
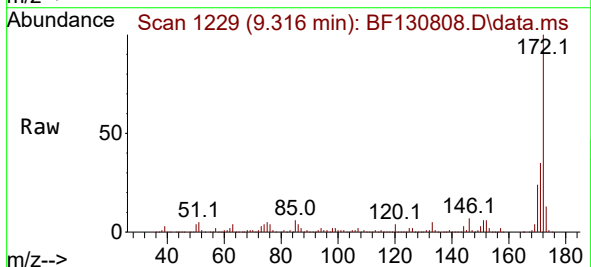
Tgt Ion: 65 Resp: 2664

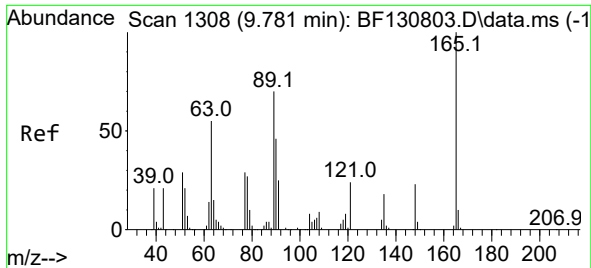
Ion Ratio Lower Upper

65 100

92 189.9 50.1 75.1#

138 22.2 69.2 103.8#

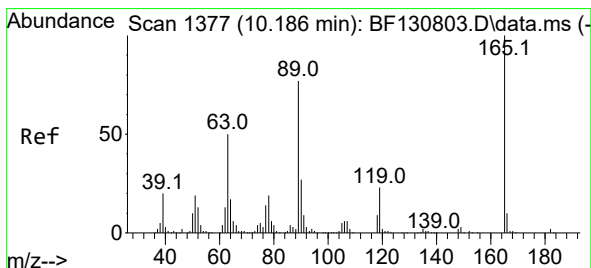
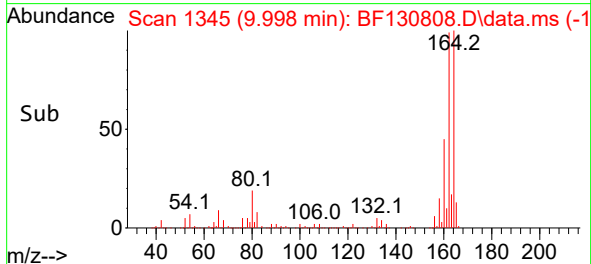
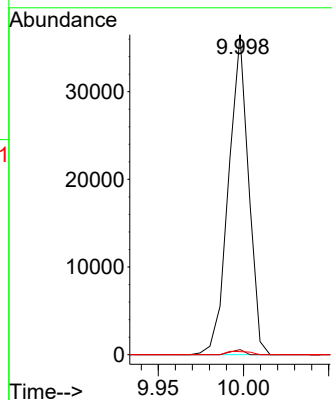
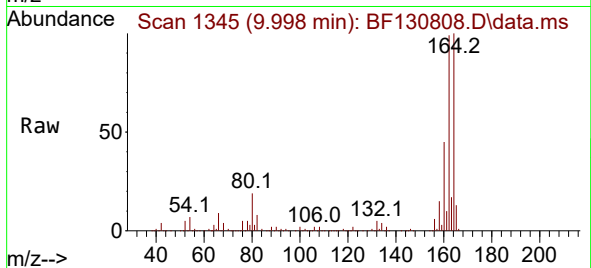




#51
2,6-Dinitrotoluene
Concen: 12.040 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

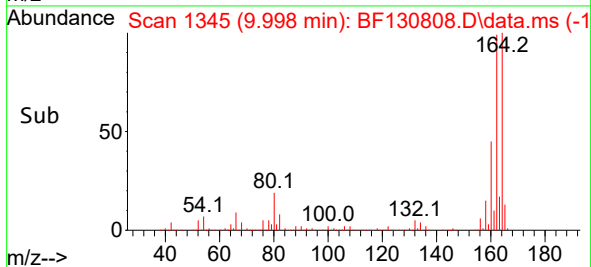
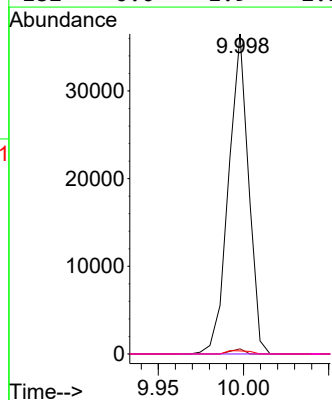
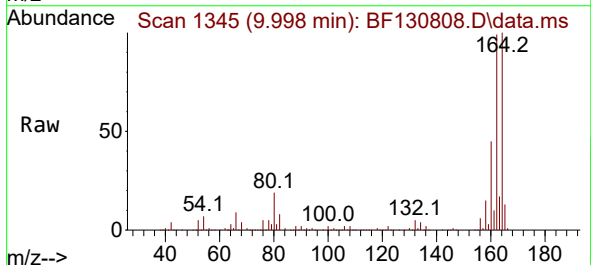
Instrument :
BNA_F
ClientSampleId :
PB148598BL

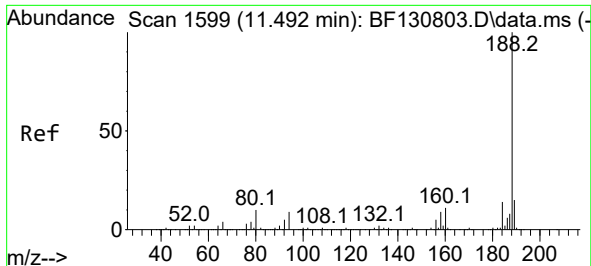
Tgt Ion:165 Resp: 29720
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 0.9 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.920 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:165 Resp: 29720
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#

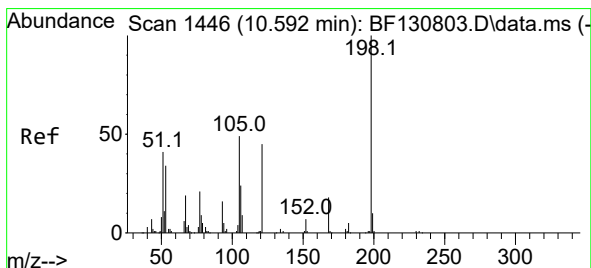
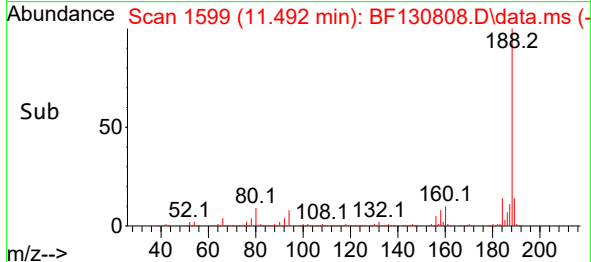
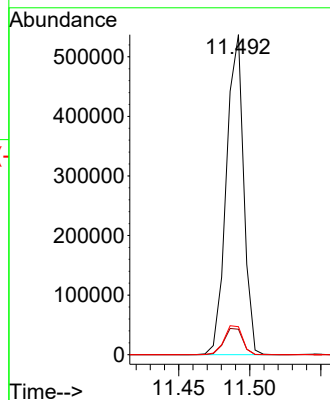
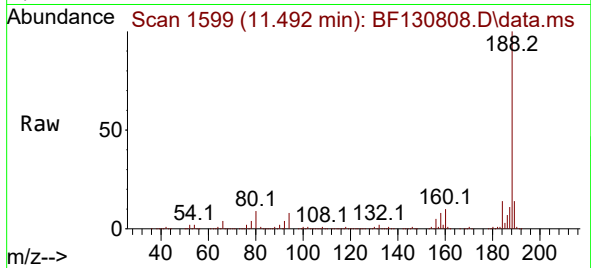




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

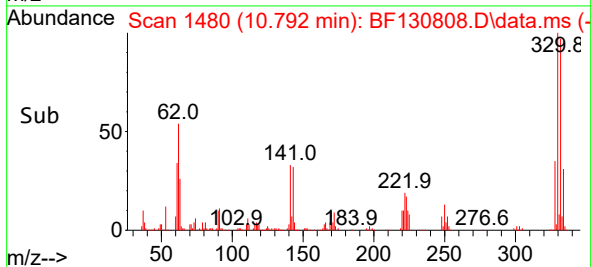
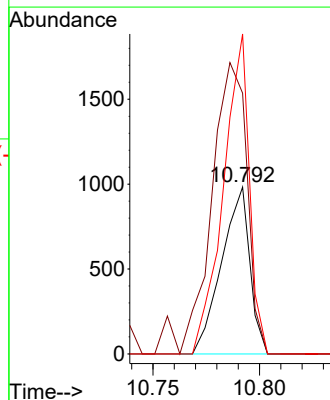
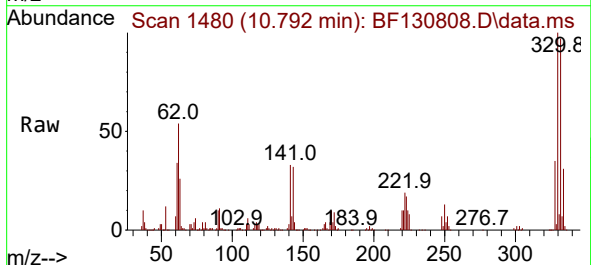
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ClientSampleId :
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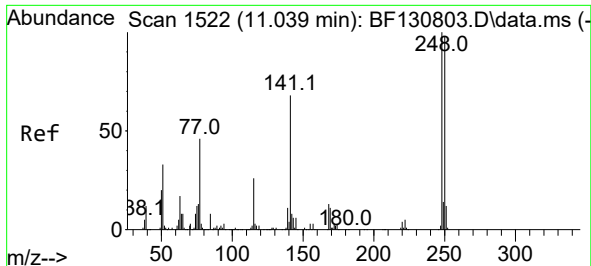
Tgt Ion:188 Resp: 454120
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.325 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.200 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:198 Resp: 903
Ion Ratio Lower Upper
198 100
51 156.3 39.0 79.0#
105 191.8 30.6 70.6#

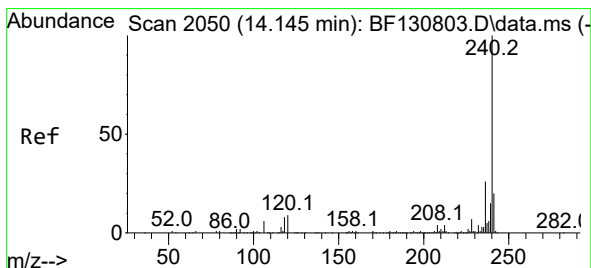
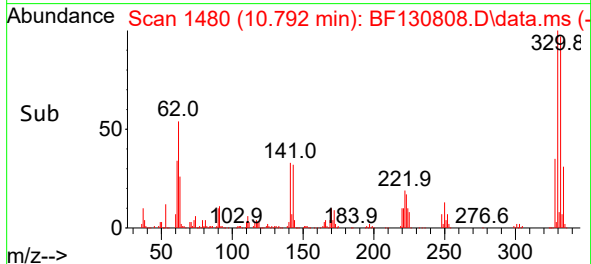
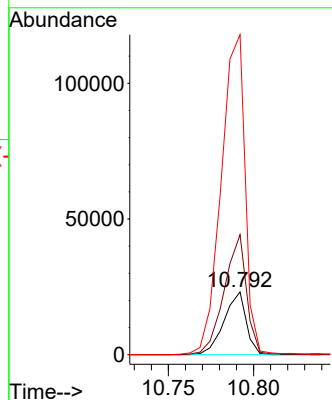
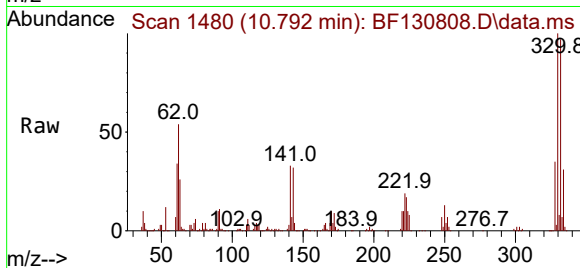




#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

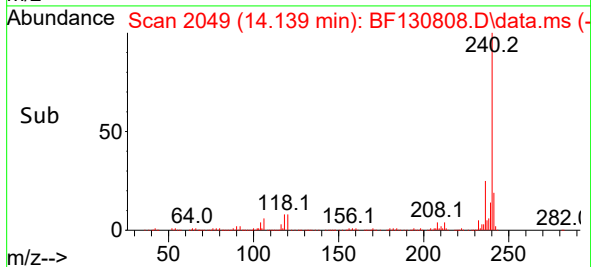
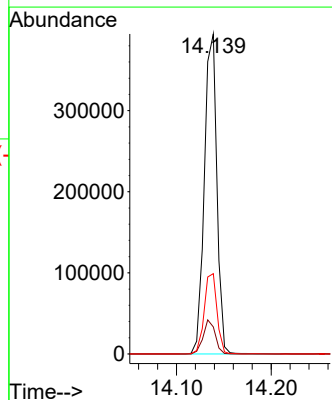
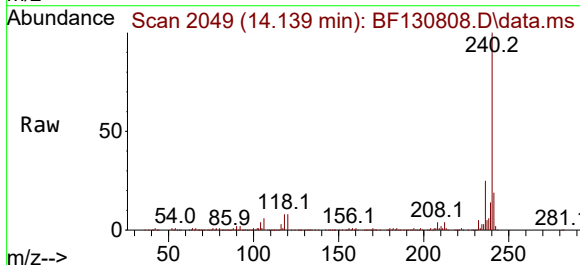
Instrument :
BNA_F
ClientSampleId :
PB148598BL

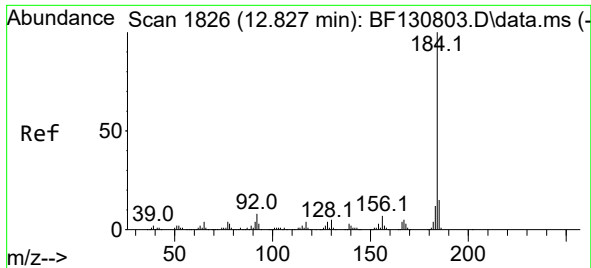
Tgt Ion:248 Resp: 20804
Ion Ratio Lower Upper
248 100
250 191.1 78.6 117.8#
141 509.7 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:240 Resp: 363372
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.4
236 25.1 20.5 30.7

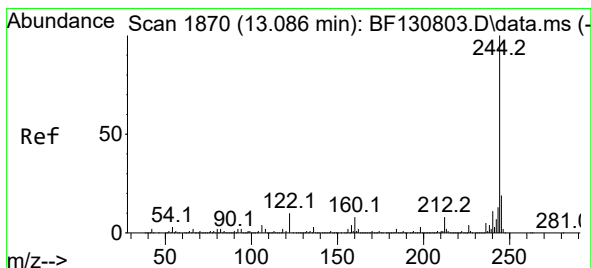
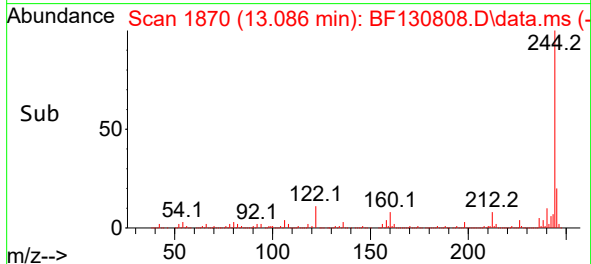
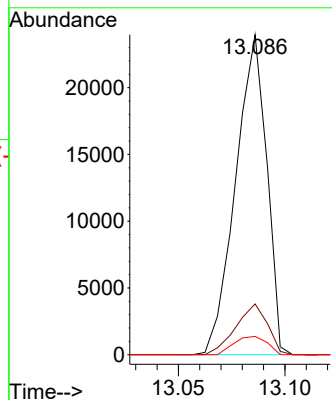
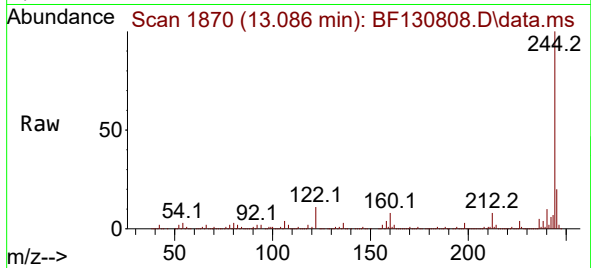




#77
Benzidine
Concen: 2.758 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.259 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

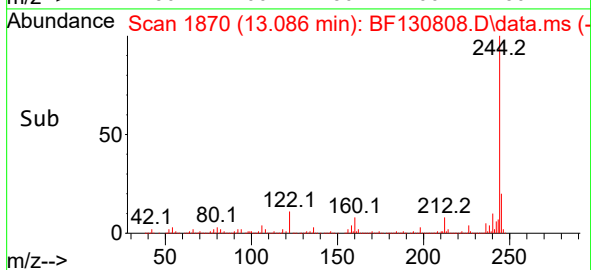
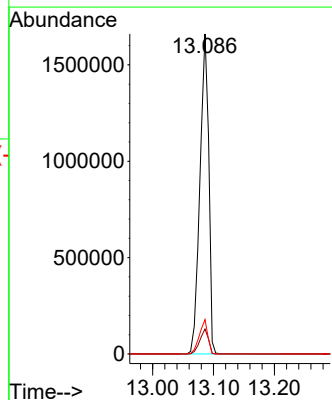
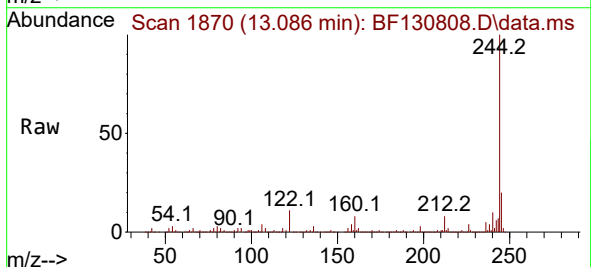
Instrument :
BNA_F
ClientSampleId :
PB148598BL

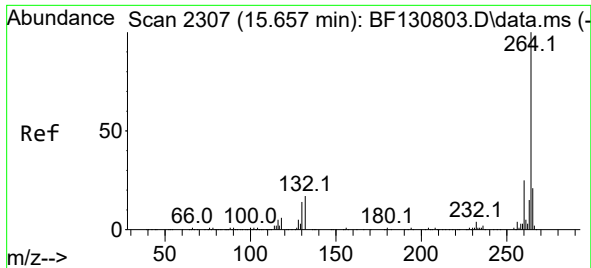
Tgt Ion:184 Resp: 24330
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 5.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 83.970 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

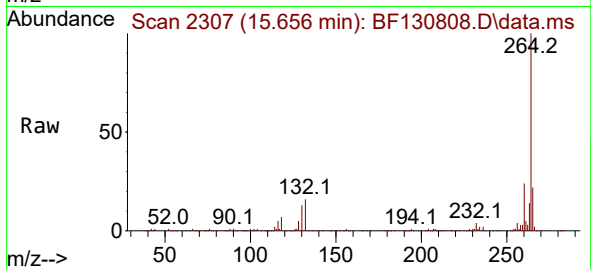
Tgt Ion:244 Resp: 1665108
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130808.D
 Acq: 27 Oct 2022 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BL



Tgt Ion:264 Resp: 264584
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.5 17.0 25.6

