

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130817.D
 Acq On : 28 Oct 2022 09:40
 Operator : CG\JU
 Sample : PB148383BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148383BL

Quant Time: Oct 28 16:48:08 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)

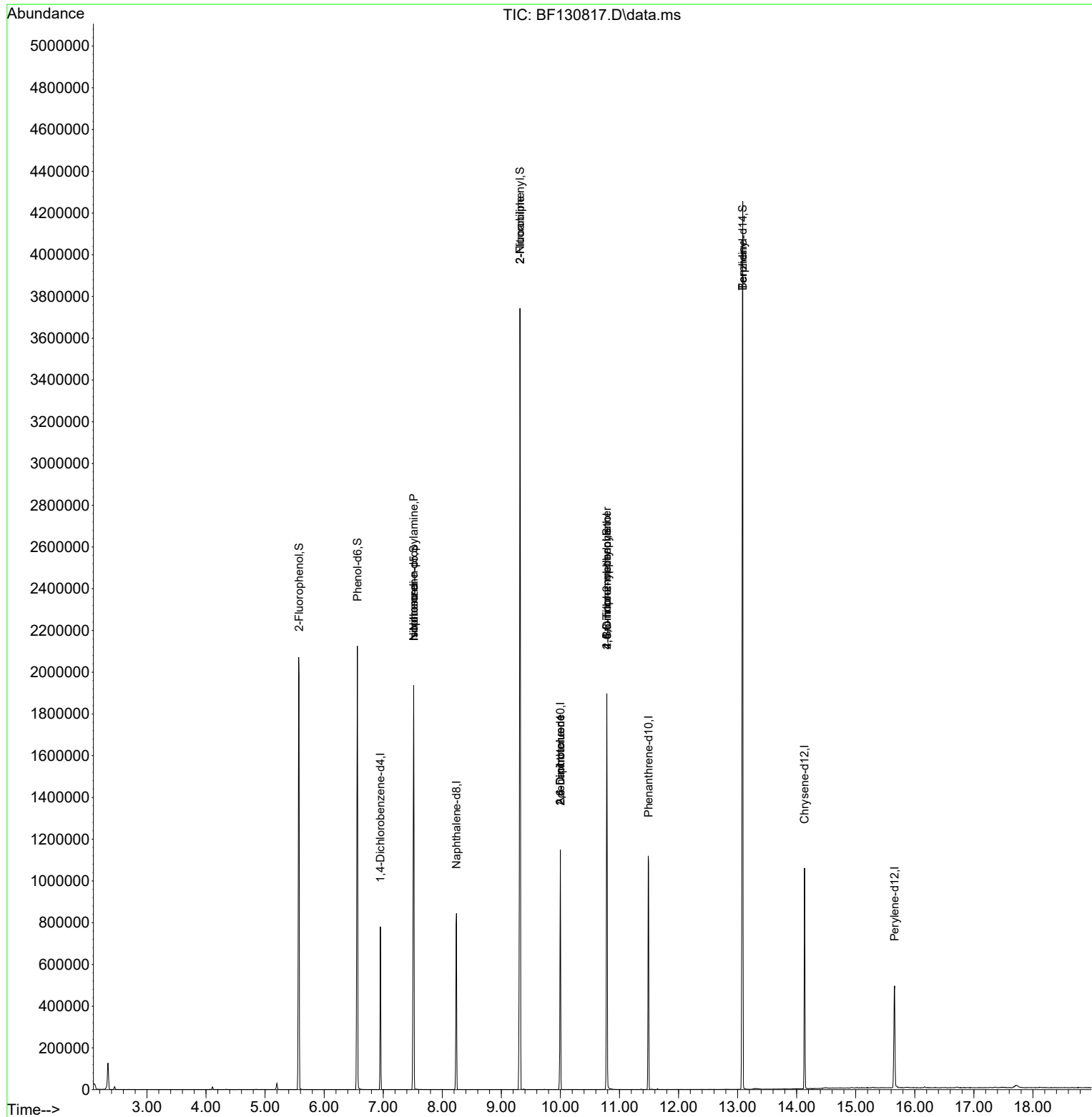
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	97331	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	378856	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	217192	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	423302	20.000	ng	0.00
76) Chrysene-d12	14.133	240	333313	20.000	ng	-0.01
86) Perylene-d12	15.657	264	236165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	544098	96.912	ng	0.01
7) Phenol-d6	6.563	99	693465	95.049	ng	0.00
23) Nitrobenzene-d5	7.516	82	655959	104.403	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	179919	98.407	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1233484	85.863	ng	0.00
79) Terphenyl-d14	13.086	244	1535321	84.407	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	92254	18.585	ng	# 77
25) Isophorone	7.516	82	649967	50.166	ng	# 66
48) 2-Nitroaniline	9.316	65	2240	4.660	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	28153	12.139	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	28153	10.998	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	489	8.159	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	11867	2.788	ng	# 1
77) Benzidine	13.086	184	23526	2.908	ng	# 93

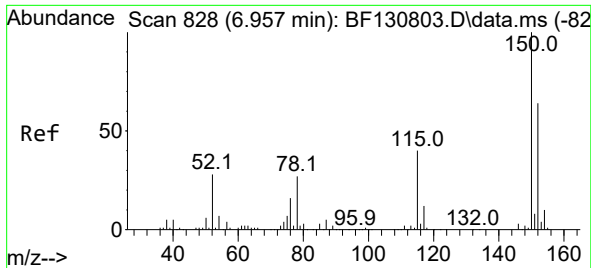
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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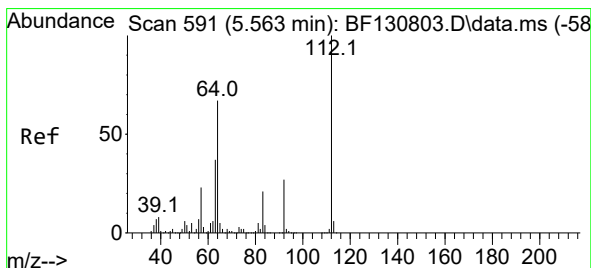
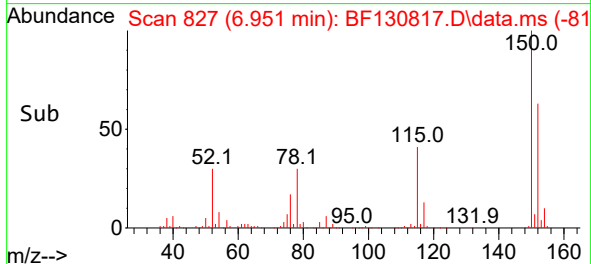
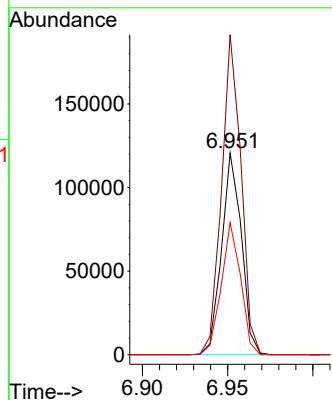
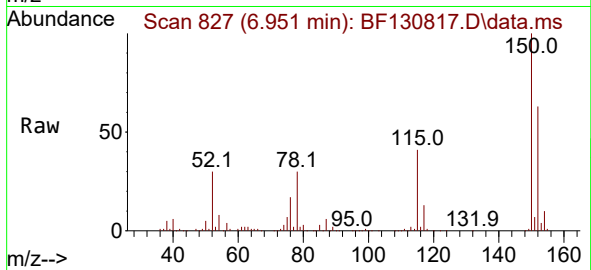




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

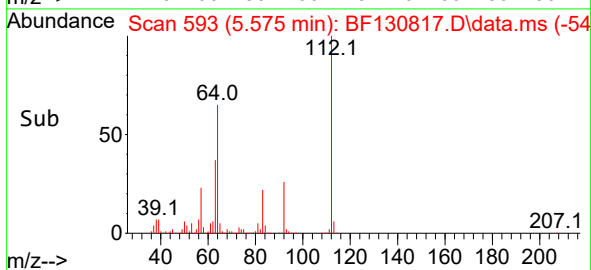
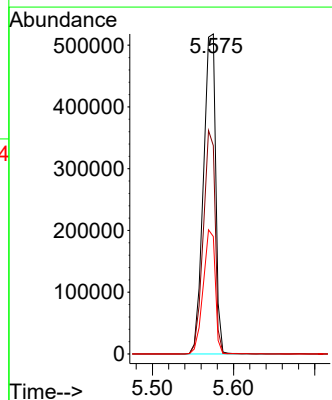
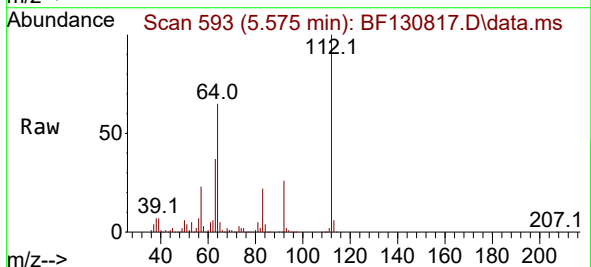
Instrument :
BNA_F
ClientSampleId :
PB148383BL

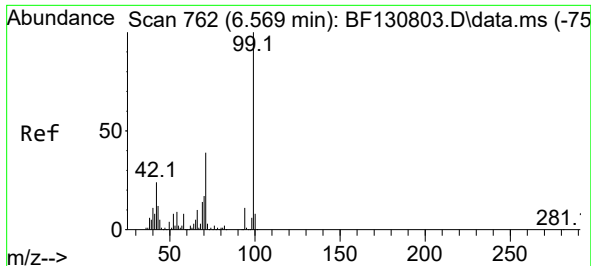
Tgt Ion:152 Resp: 97331
Ion Ratio Lower Upper
152 100
150 158.8 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 96.912 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:112 Resp: 544098
Ion Ratio Lower Upper
112 100
64 65.1 53.9 80.9
63 36.7 29.4 44.2

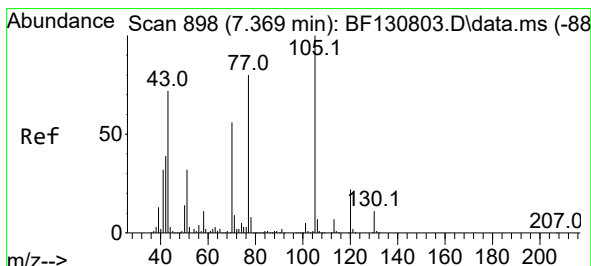
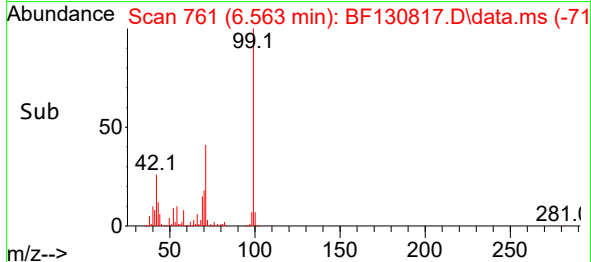
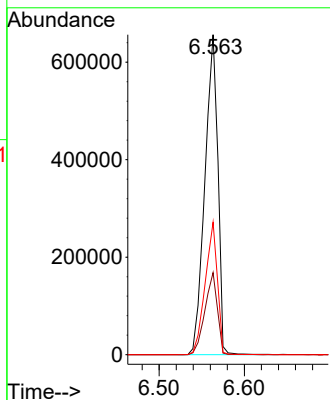
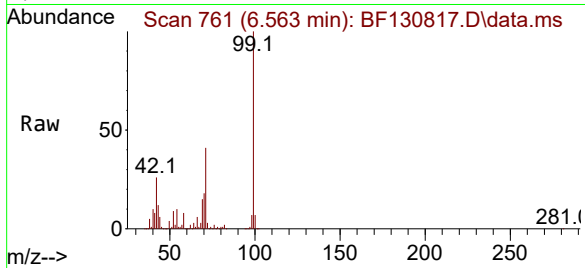




#7
Phenol-d6
Concen: 95.049 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

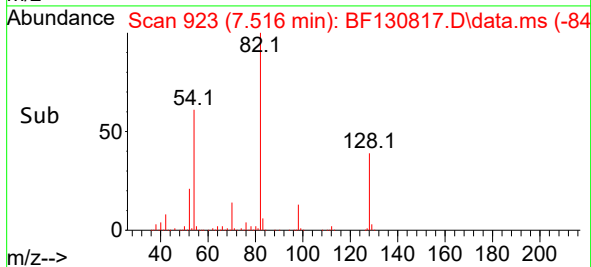
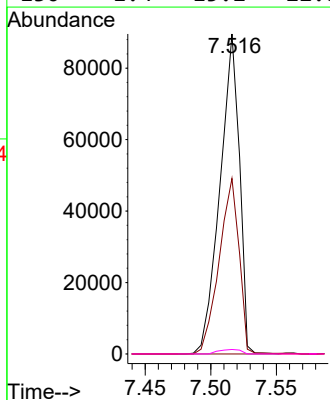
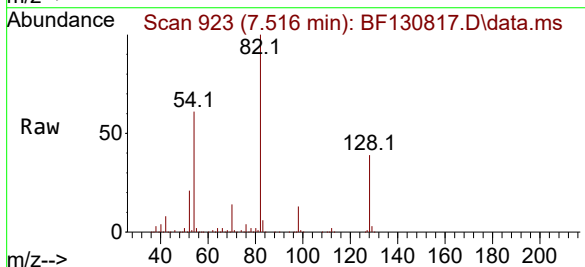
Instrument :
BNA_F
ClientSampleId :
PB148383BL

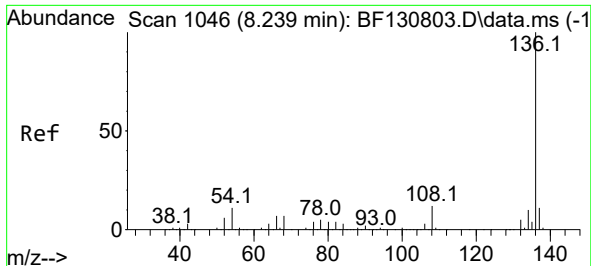
Tgt Ion: 99 Resp: 693465
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 41.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.585 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion: 70 Resp: 92254
Ion Ratio Lower Upper
70 100
42 54.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.4 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1046

Delta R.T. 0.001 min

Lab File: BF130817.D

Acq: 28 Oct 2022 09:40

Instrument :

BNA_F

ClientSampleId :

PB148383BL

Tgt Ion:136 Resp: 378856

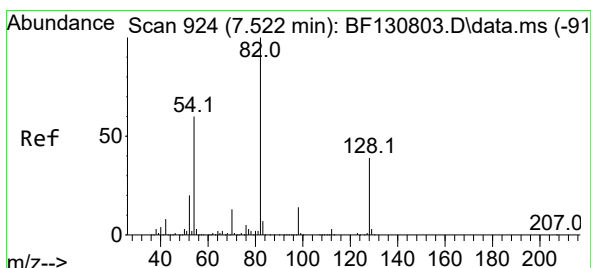
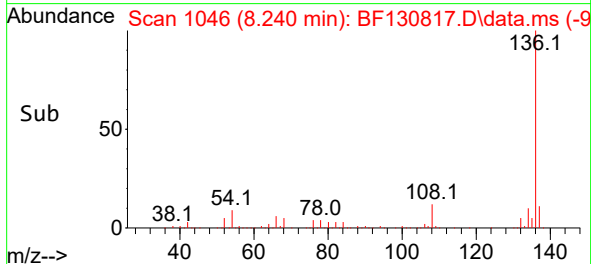
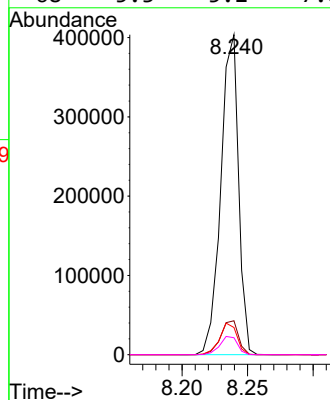
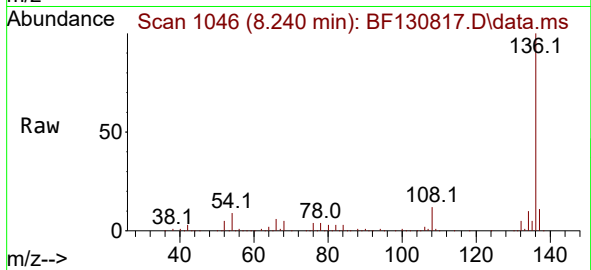
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 8.5 8.8 13.2#

68 5.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 104.403 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.006 min

Lab File: BF130817.D

Acq: 28 Oct 2022 09:40

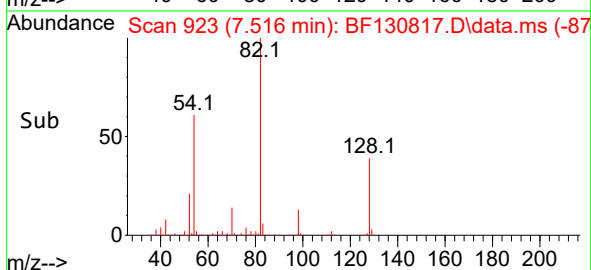
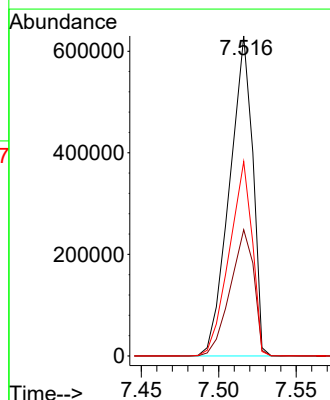
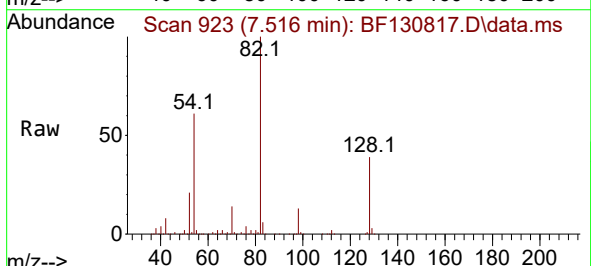
Tgt Ion: 82 Resp: 655959

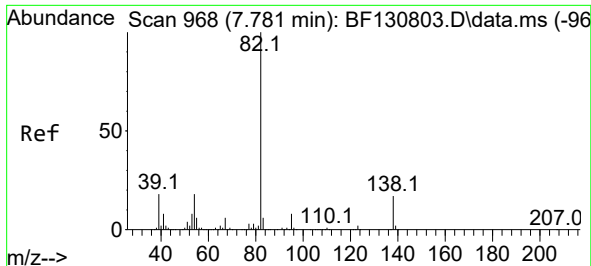
Ion Ratio Lower Upper

82 100

128 39.5 31.2 46.8

54 60.8 48.0 72.0

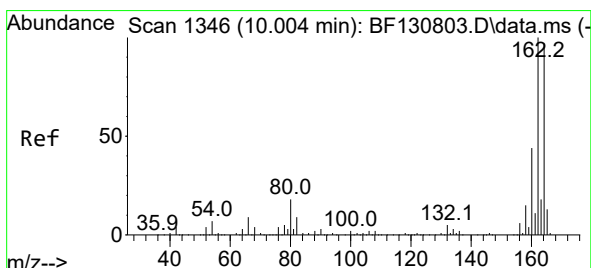
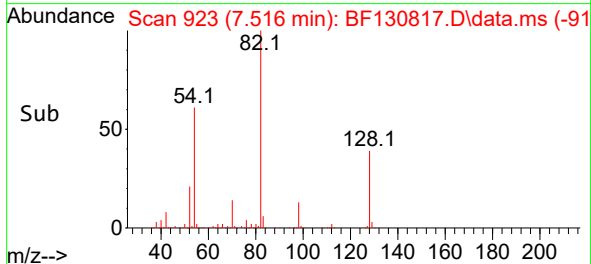
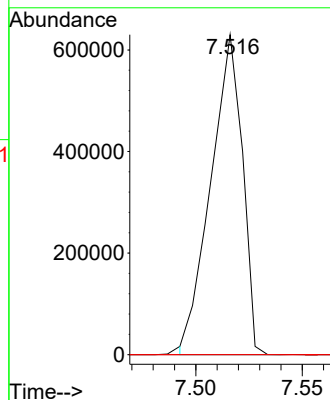
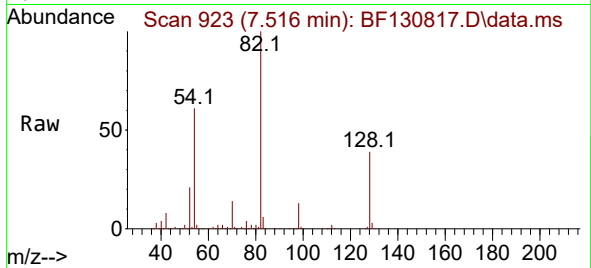




#25
Isophorone
Concen: 50.166 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

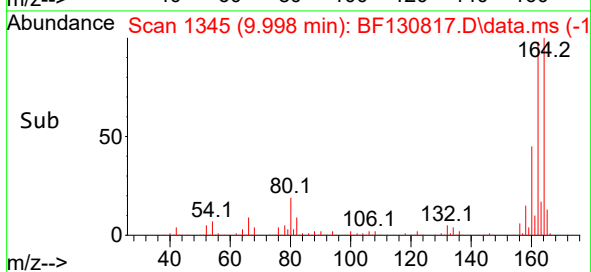
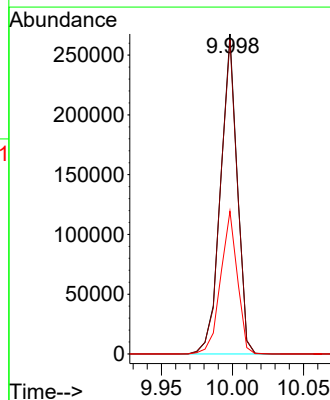
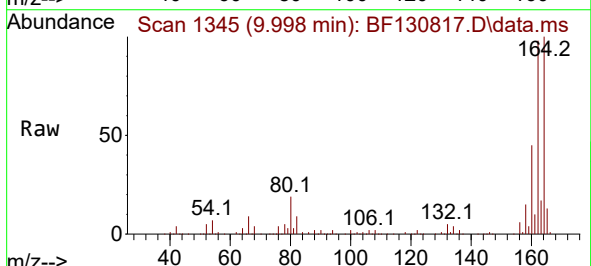
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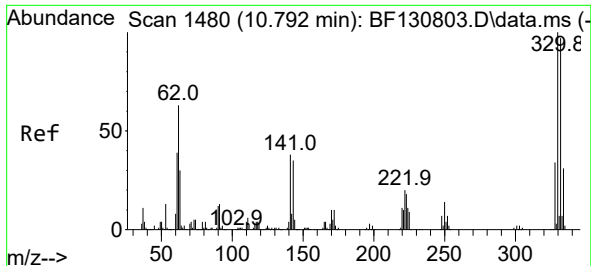
Tgt Ion: 82 Resp: 649967
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:164 Resp: 217192
Ion Ratio Lower Upper
164 100
162 98.2 82.2 123.2
160 44.6 36.6 54.8

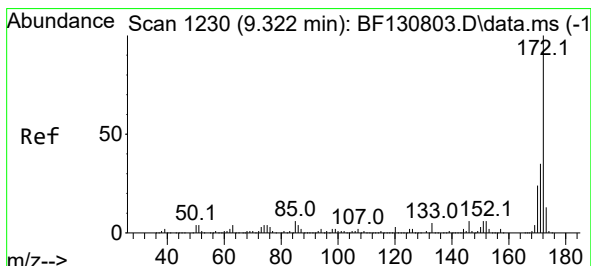
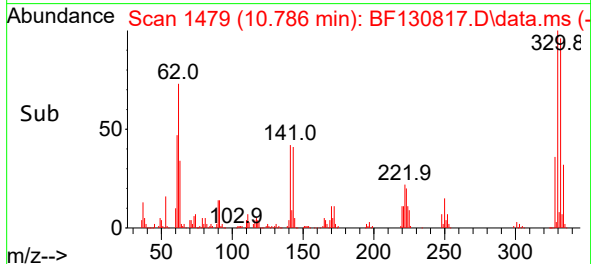
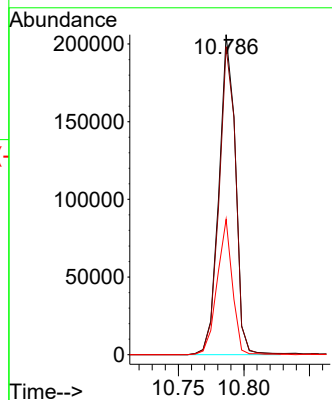
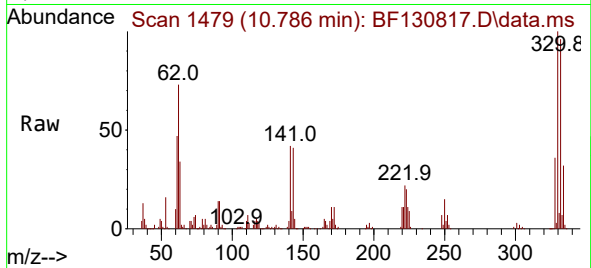




#42
2,4,6-Tribromophenol
Concen: 98.407 ng
RT: 10.786 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

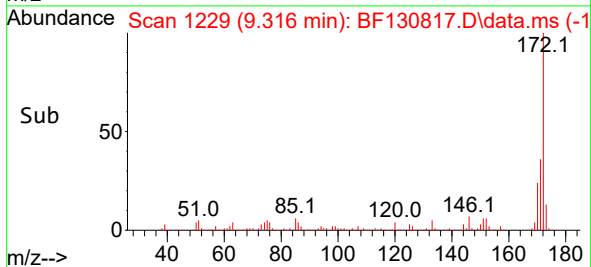
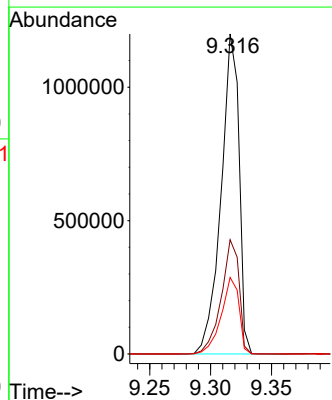
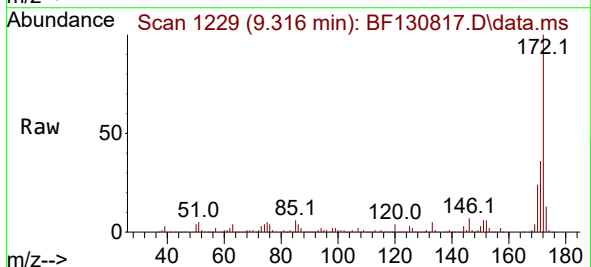
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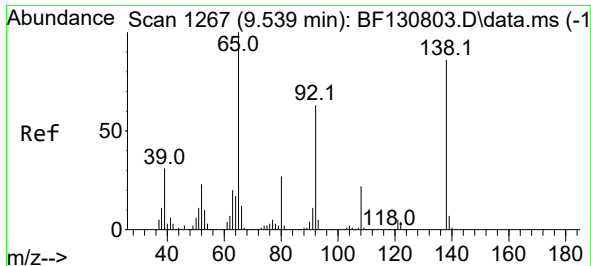
Tgt Ion:330 Resp: 179919
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 39.3 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 85.863 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:172 Resp: 1233484
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 19.0 28.4

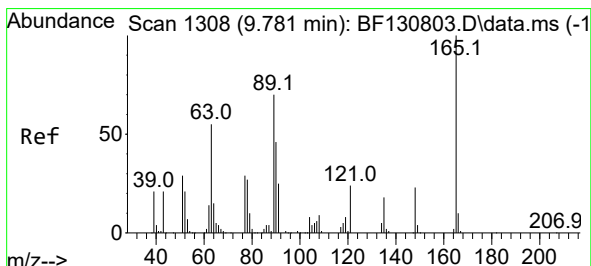
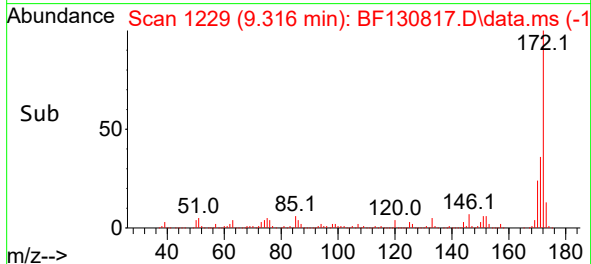
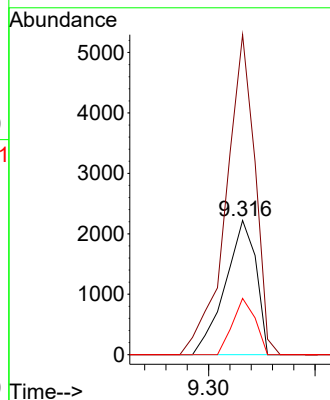
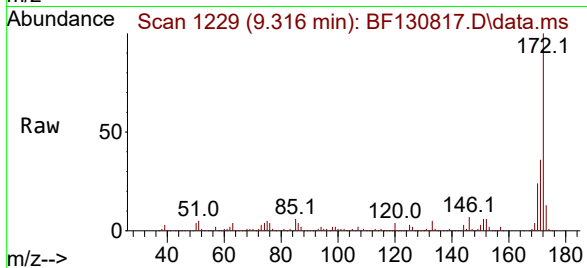




#48
2-Nitroaniline
Concen: 4.660 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

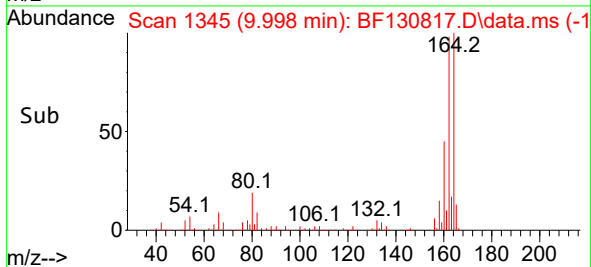
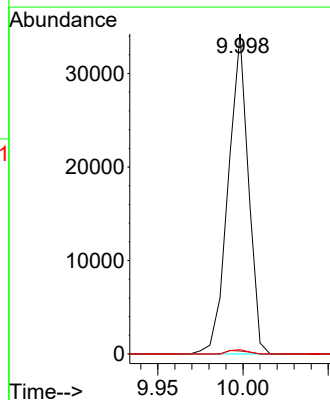
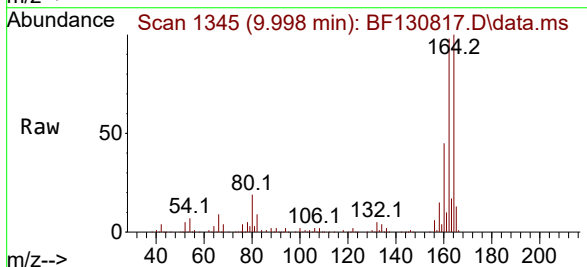
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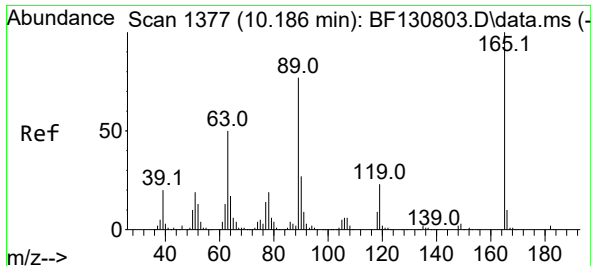
Tgt Ion: 65 Resp: 2240
Ion Ratio Lower Upper
65 100
92 238.4 50.1 75.1#
138 42.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.139 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion: 165 Resp: 28153
Ion Ratio Lower Upper
165 100
63 1.0 61.8 92.8#
89 1.3 56.2 84.4#

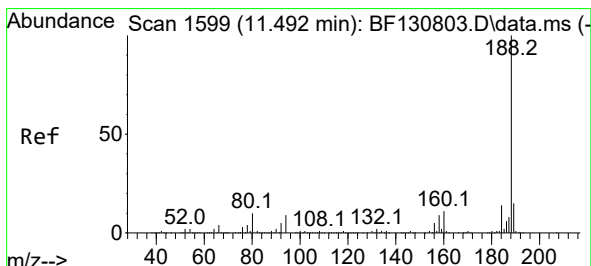
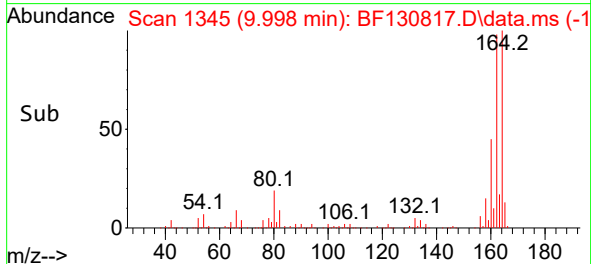
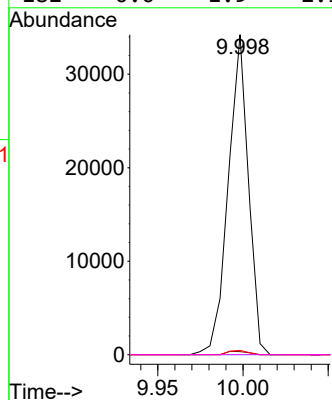
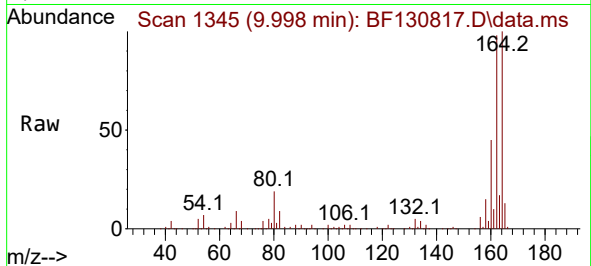




#57
2,4-Dinitrotoluene
Concen: 10.998 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

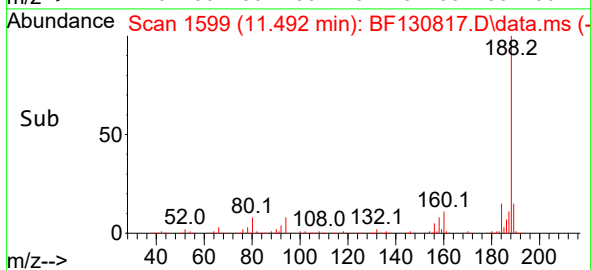
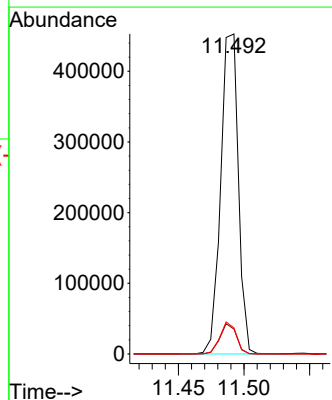
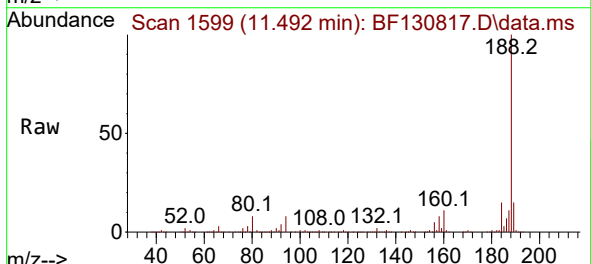
Instrument :
BNA_F
ClientSampleId :
PB148383BL

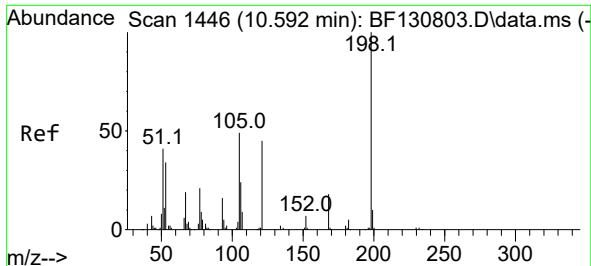
Tgt Ion:165 Resp: 28153
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:188 Resp: 423302
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.2 8.0 12.0

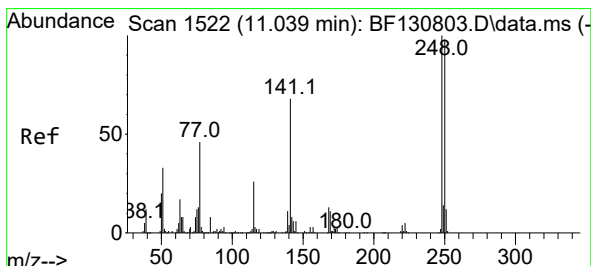
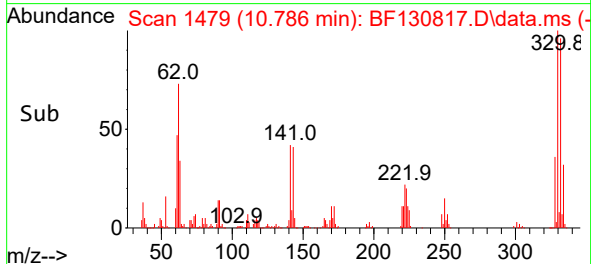
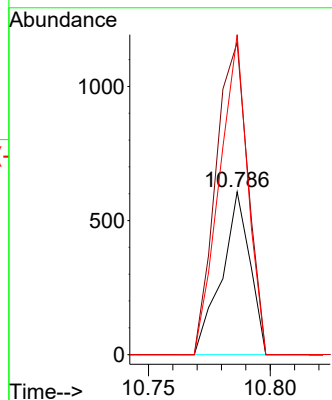
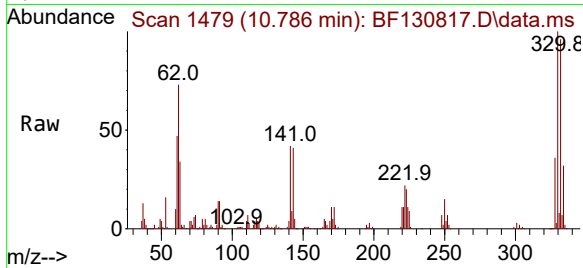




#65
4,6-Dinitro-2-methylphenol
Concen: 8.159 ng
RT: 10.786 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

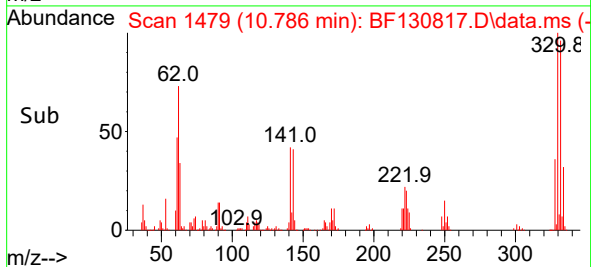
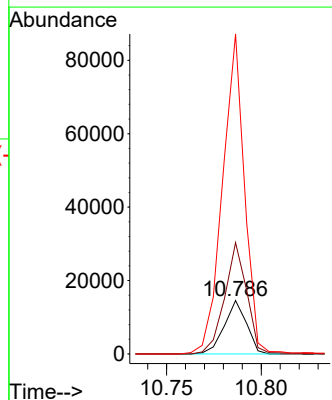
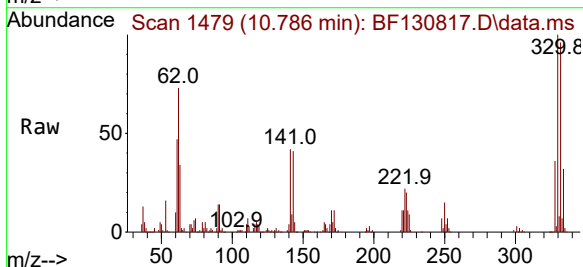
Instrument :
BNA_F
ClientSampleId :
PB148383BL

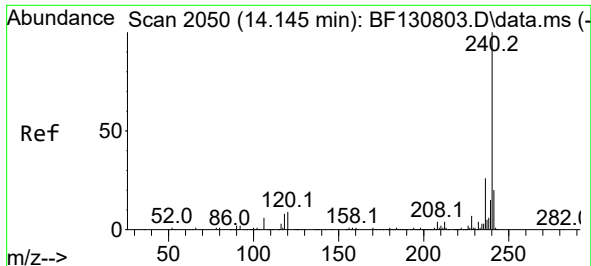
Tgt Ion:198 Resp: 489
Ion Ratio Lower Upper
198 100
51 191.8 39.0 79.0#
105 196.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.788 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.253 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:248 Resp: 11867
Ion Ratio Lower Upper
248 100
250 208.4 78.6 117.8#
141 599.2 54.2 81.4#

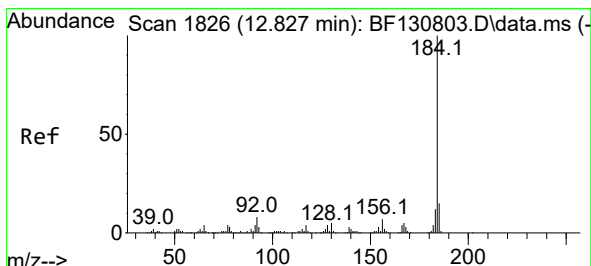
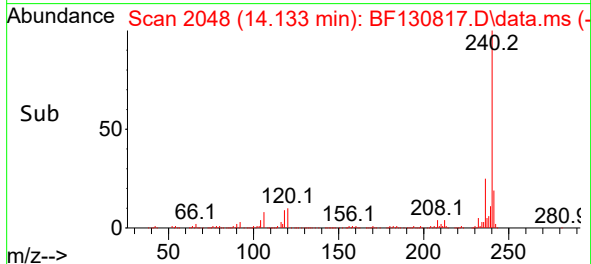
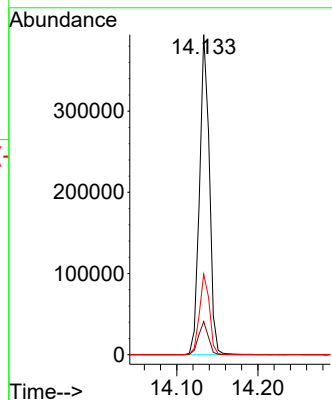
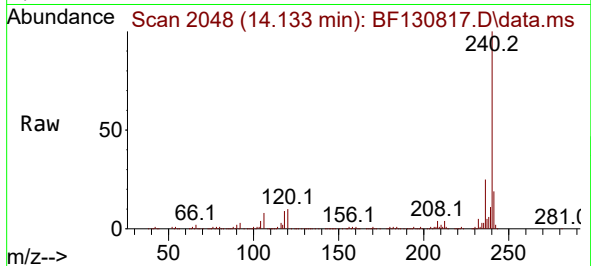




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

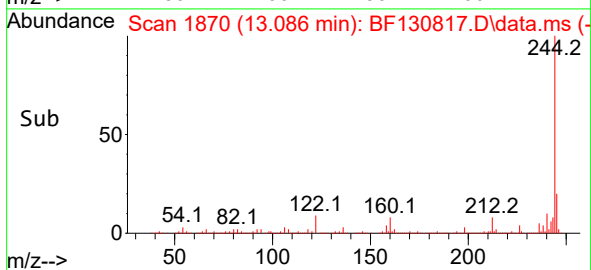
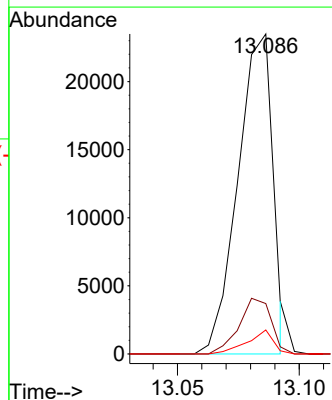
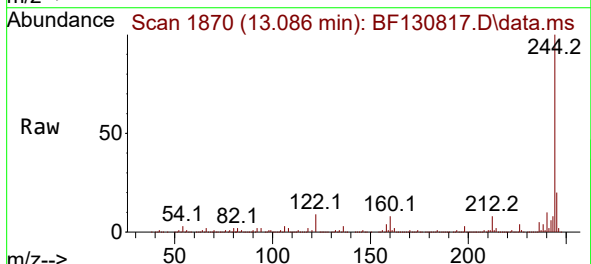
Instrument :
BNA_F
ClientSampleId :
PB148383BL

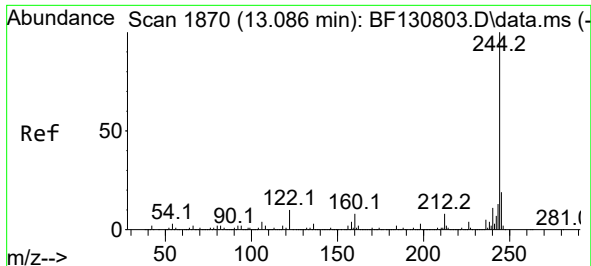
Tgt Ion:240 Resp: 333313
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.4
236 25.2 20.5 30.7



#77
Benzidine
Concen: 2.908 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.259 min
Lab File: BF130817.D
Acq: 28 Oct 2022 09:40

Tgt Ion:184 Resp: 23526
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 7.5 9.7 14.5#

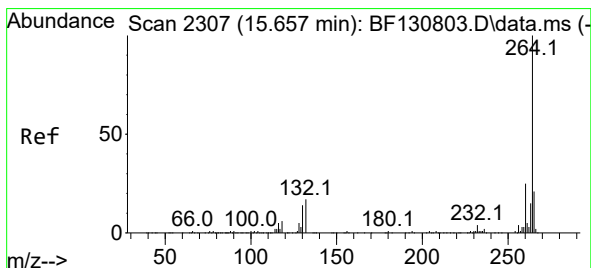
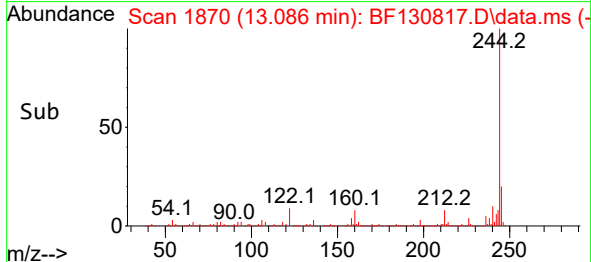
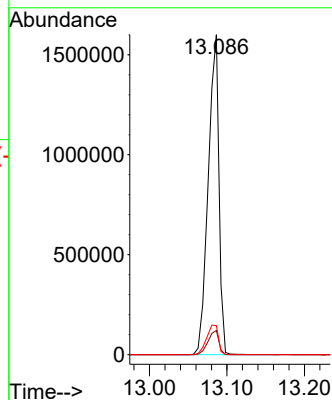
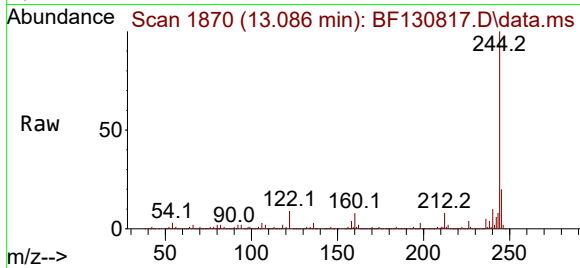




#79
 Terphenyl-d14
 Concen: 84.407 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130817.D
 Acq: 28 Oct 2022 09:40

Instrument :
 BNA_F
 ClientSampleId :
 PB148383BL

Tgt Ion:244 Resp: 1535321
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. 0.000 min
 Lab File: BF130817.D
 Acq: 28 Oct 2022 09:40

Tgt Ion:264 Resp: 236165
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.9 29.9
 265 21.1 17.0 25.6

