

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130825.D
 Acq On : 28 Oct 2022 13:56
 Operator : CG\JU
 Sample : N5267-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-1024

Quant Time: Oct 28 16:52:04 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)

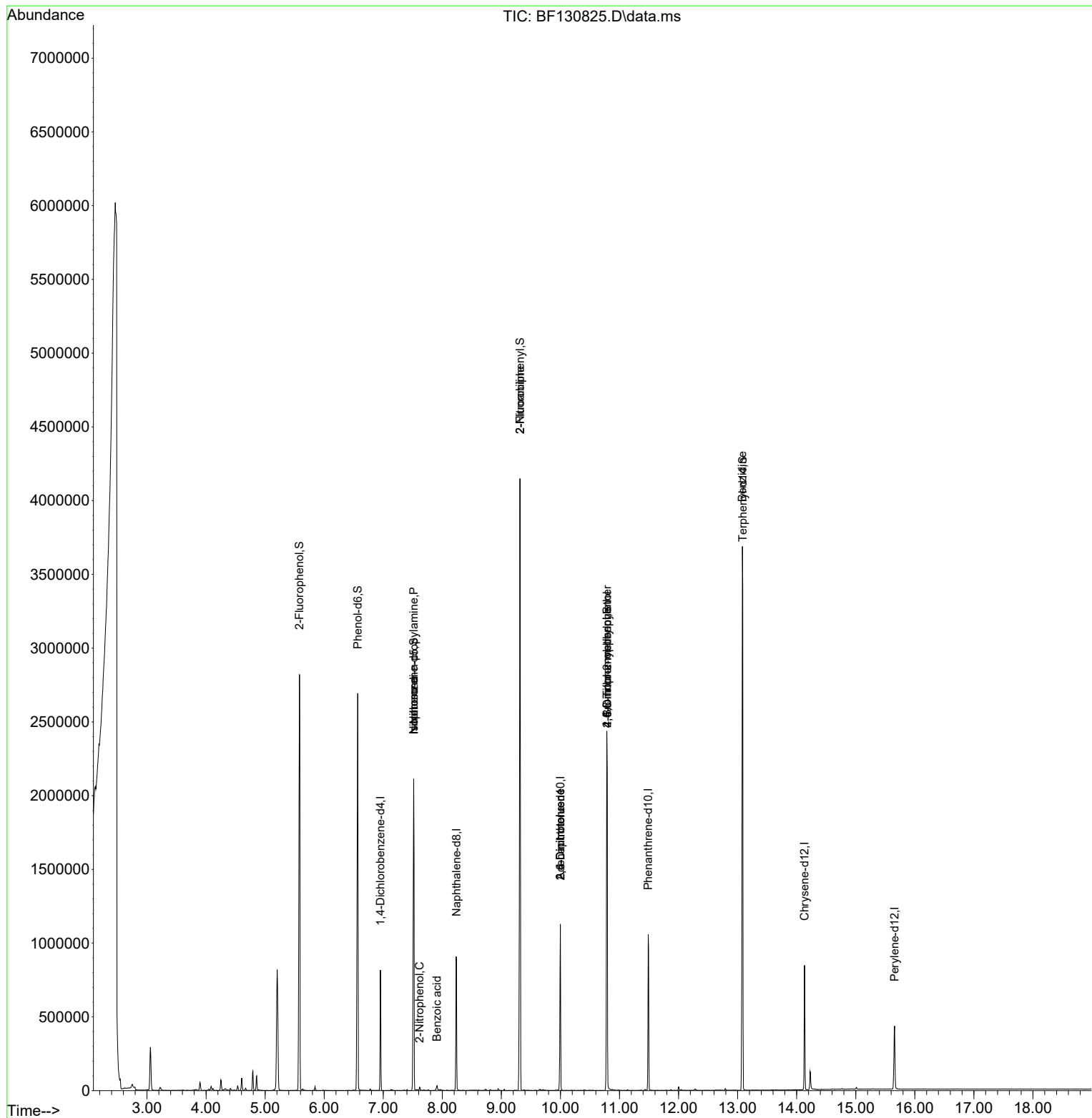
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	106595	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	401637	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	215689	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	392320	20.000	ng	0.00
76) Chrysene-d12	14.133	240	259619	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	196557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	797511	129.703	ng	0.02
7) Phenol-d6	6.569	99	915724	114.605	ng	0.00
23) Nitrobenzene-d5	7.516	82	741806	111.369	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	280028	154.229	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1298827	91.042	ng	0.00
79) Terphenyl-d14	13.086	244	1367249	96.504	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	102829	18.915	ng	# 79
25) Isophorone	7.516	82	737614	53.702	ng	# 66
26) 2-Nitrophenol	7.616	139	239	4.158	ng	# 30
32) Benzoic acid	7.910	122	8487	9.435	ng	95
48) 2-Nitroaniline	9.316	65	2493	4.722	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	27612	12.024	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	27612	10.908	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.792	198	834	8.353	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18633	4.723	ng	# 1
77) Benzidine	13.080	184	20813	3.302	ng	# 89

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

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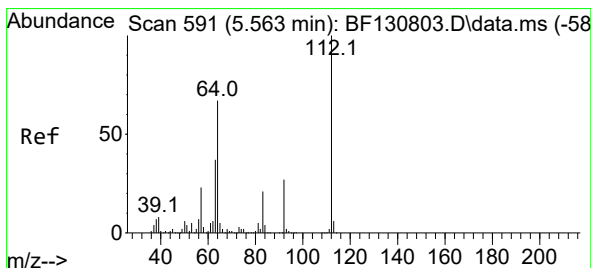
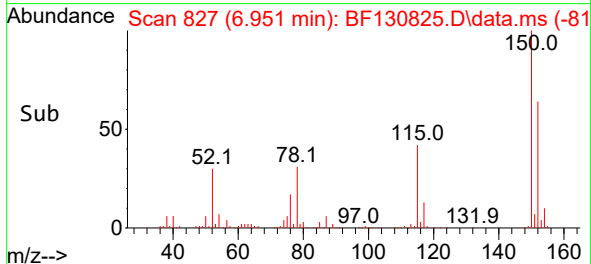
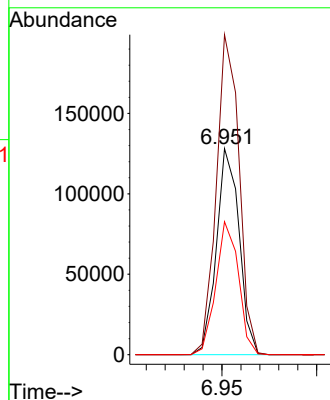
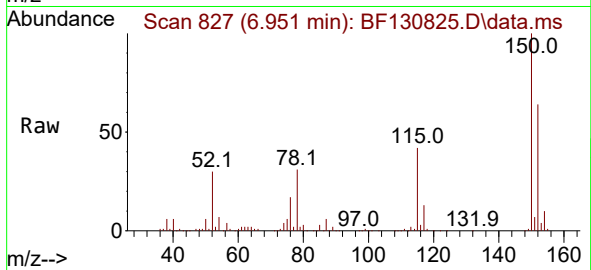




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

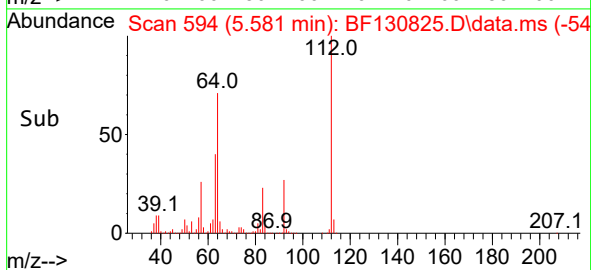
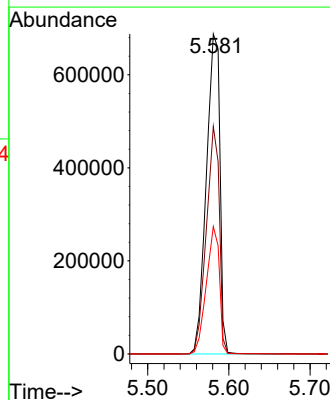
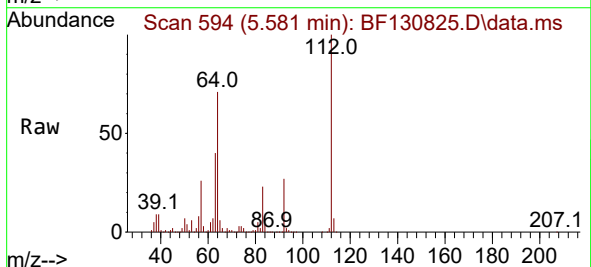
Instrument :
BNA_F
ClientSampleId :
TP2-1024

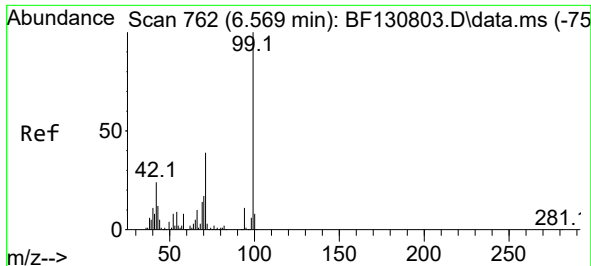
Tgt Ion:152 Resp: 106595
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 129.703 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion:112 Resp: 797511
Ion Ratio Lower Upper
112 100
64 71.1 53.9 80.9
63 39.8 29.4 44.2

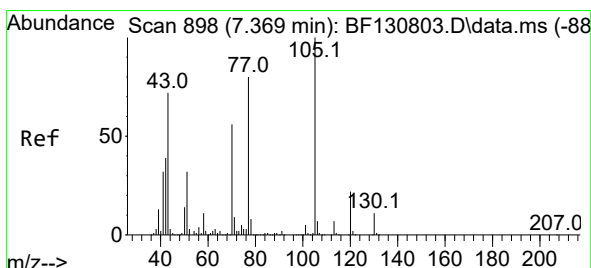
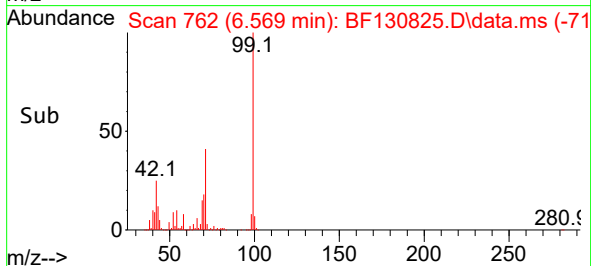
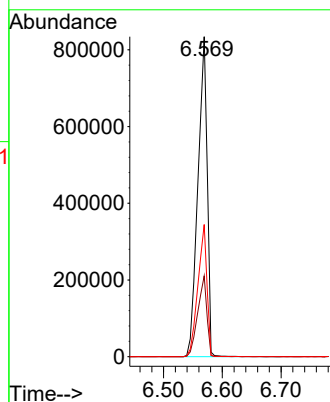
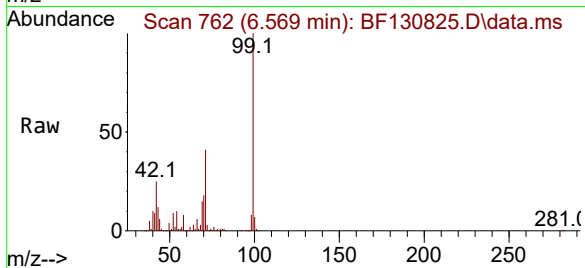




#7
Phenol-d6
Concen: 114.605 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

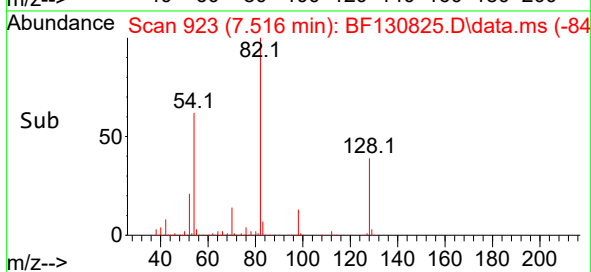
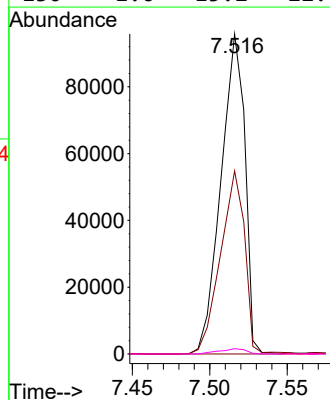
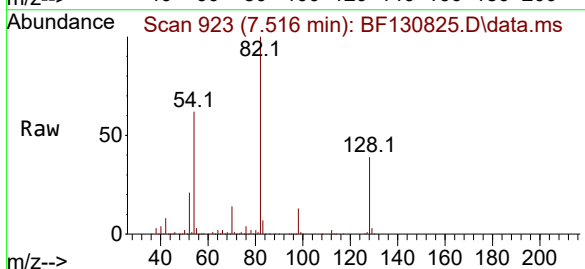
Instrument :
BNA_F
ClientSampleId :
TP2-1024

Tgt Ion: 99 Resp: 915724
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: 18.915 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

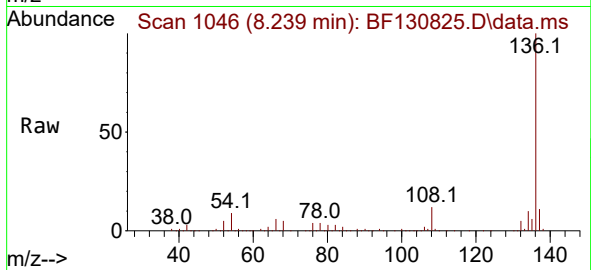
Tgt Ion: 70 Resp: 102829
Ion Ratio Lower Upper
70 100
42 57.2 56.1 84.1
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



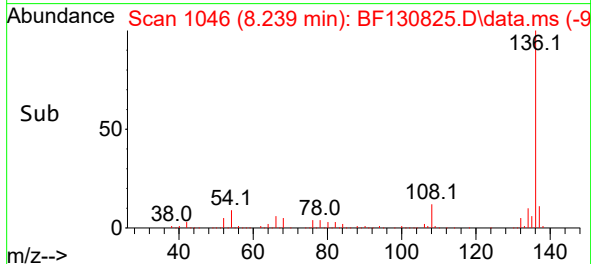
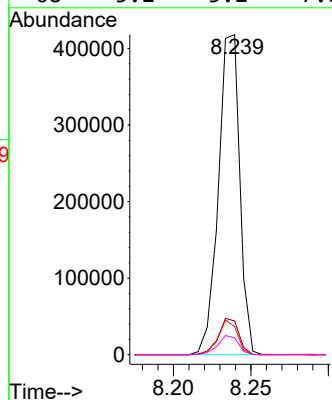


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP2-1024

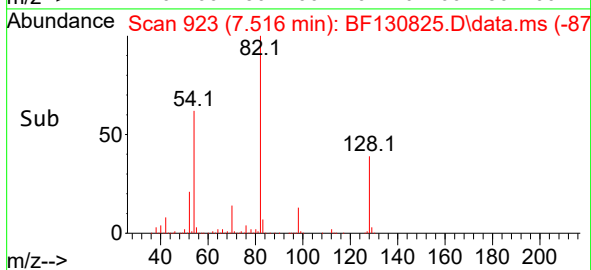
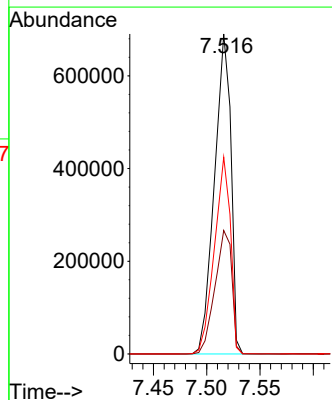
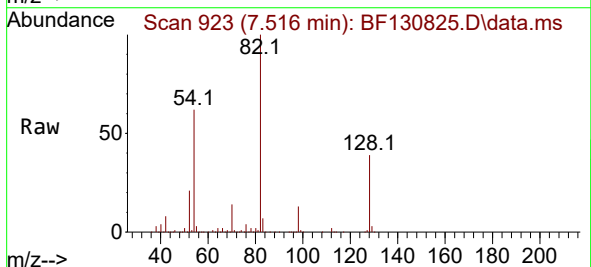


Tgt Ion:136 Resp: 401637
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.7 8.8 13.2#
68 5.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 111.369 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion: 82 Resp: 741806
Ion Ratio Lower Upper
82 100
128 38.6 31.2 46.8
54 61.5 48.0 72.0

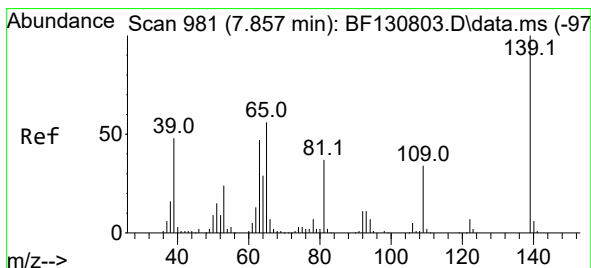
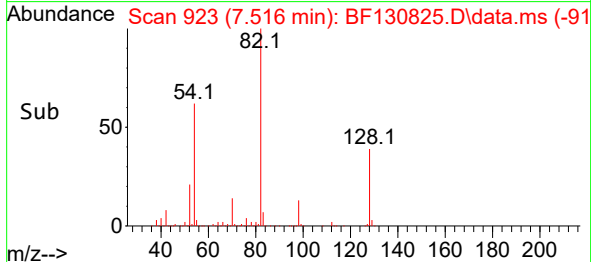
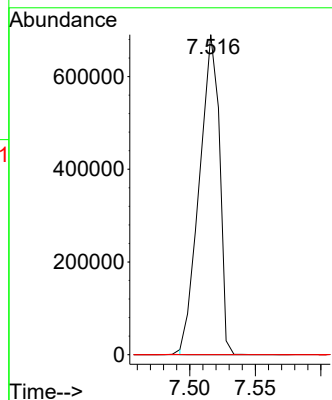
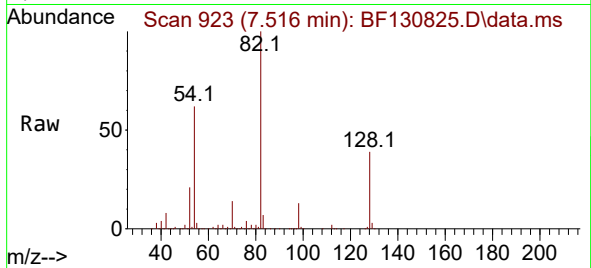




#25
Isophorone
Concen: 53.702 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

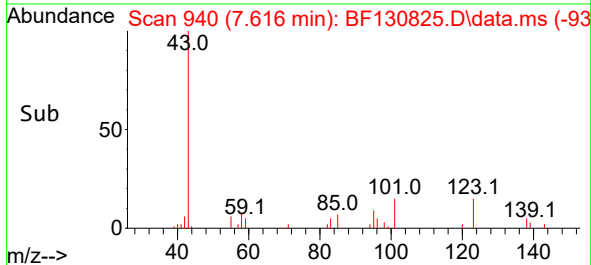
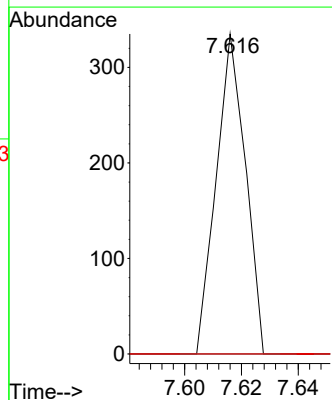
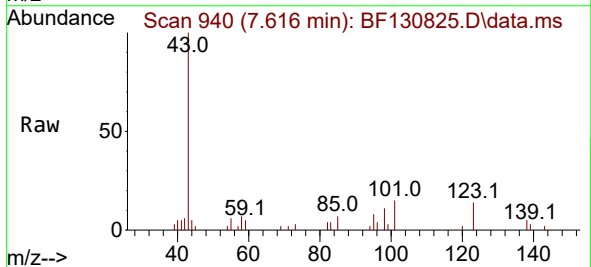
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ClientSampleId :
TP2-1024

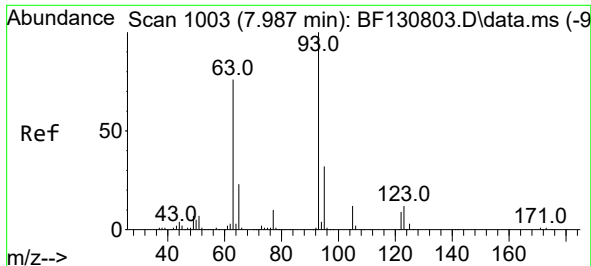
Tgt Ion: 82 Resp: 737614
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.158 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.241 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion:139 Resp: 239
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#

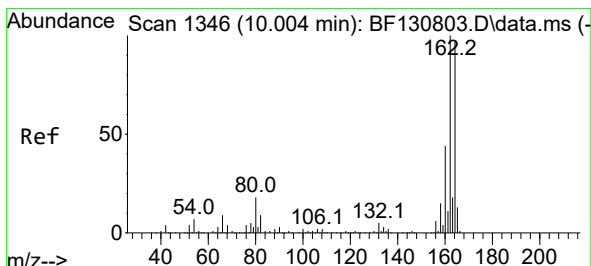
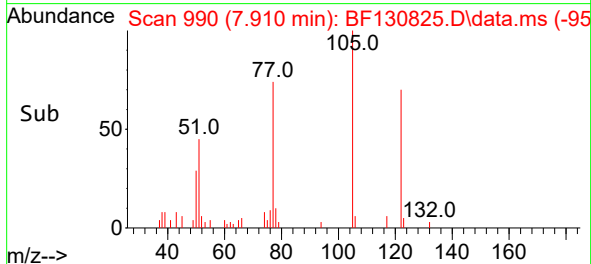
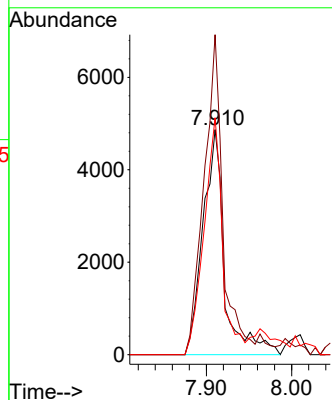
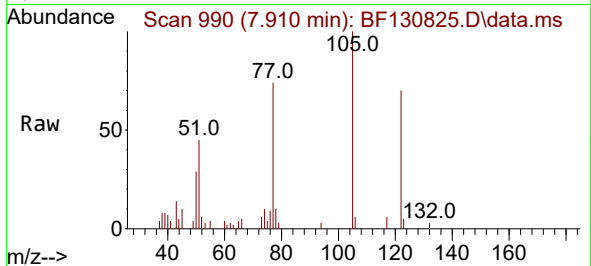




#32
Benzoic acid
Concen: 9.435 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

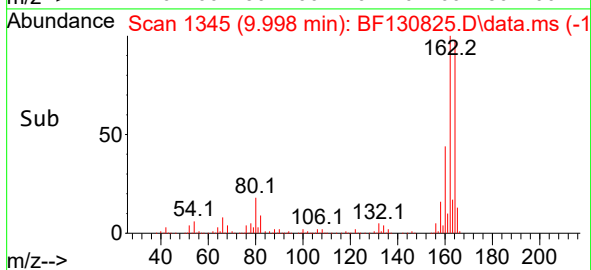
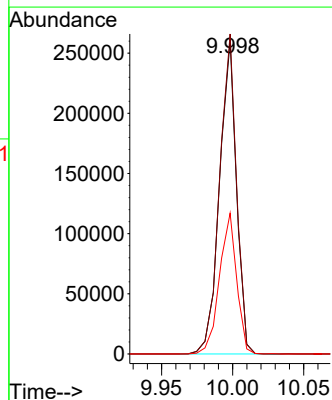
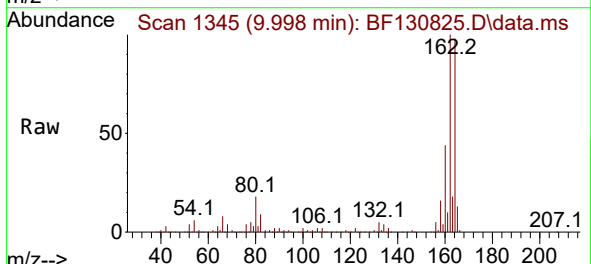
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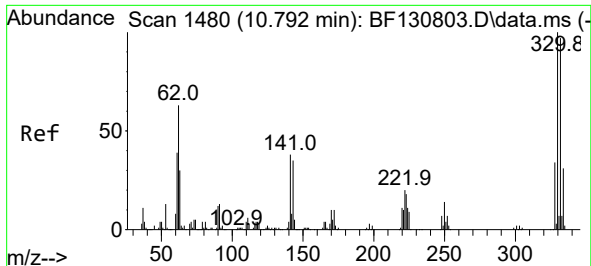
Tgt Ion:122 Resp: 8487
Ion Ratio Lower Upper
122 100
105 142.1 114.5 154.5
77 105.2 89.8 129.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion:164 Resp: 215689
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 44.9 36.6 54.8

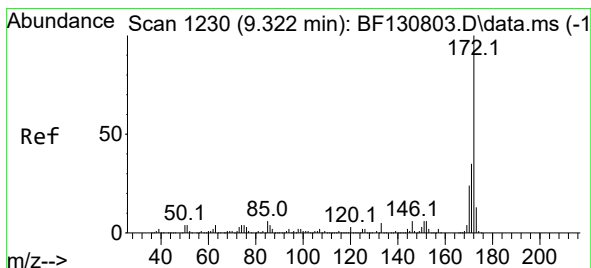
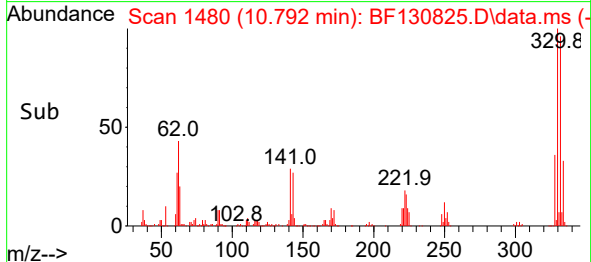
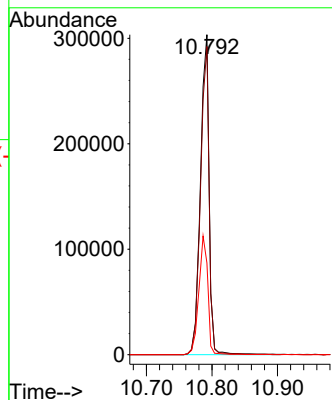
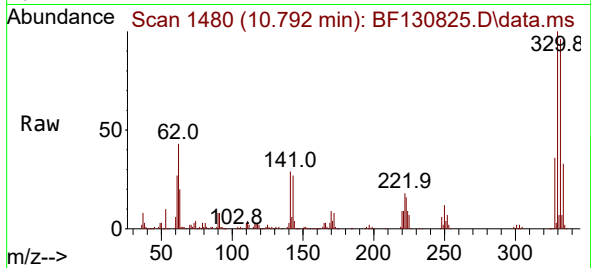




#42
2,4,6-Tribromophenol
Concen: 154.229 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

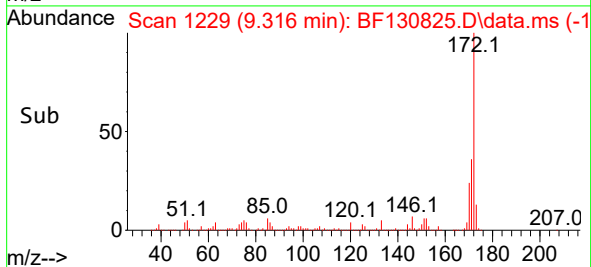
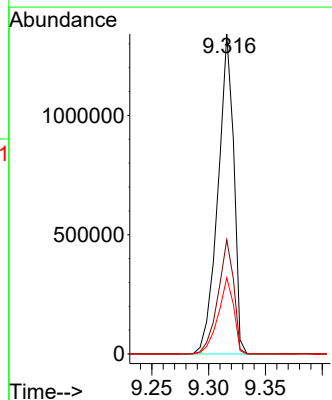
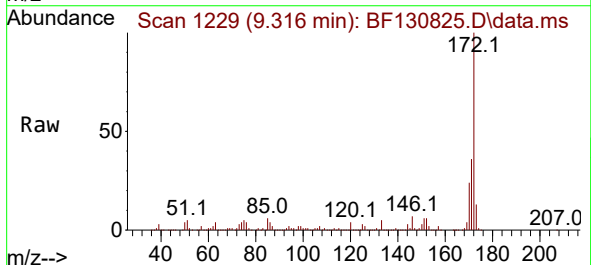
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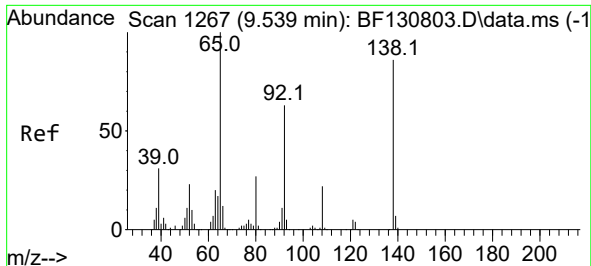
Tgt Ion:330 Resp: 280028
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 38.3 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 91.042 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion:172 Resp: 1298827
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.8 19.0 28.4

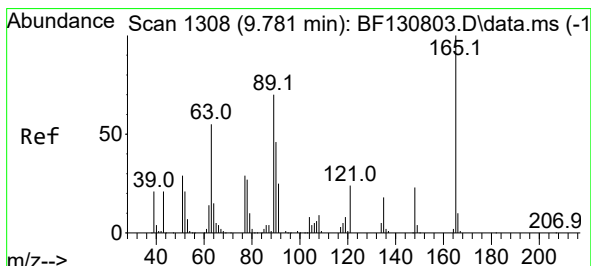
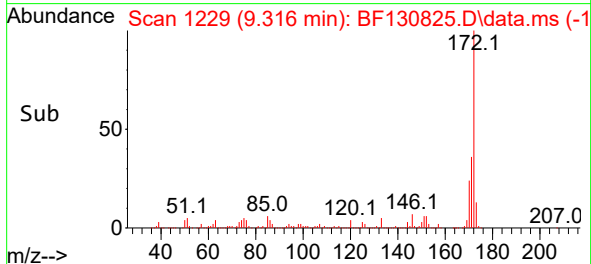
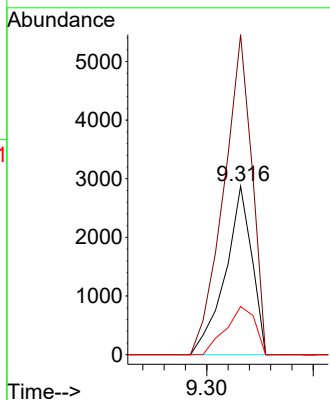
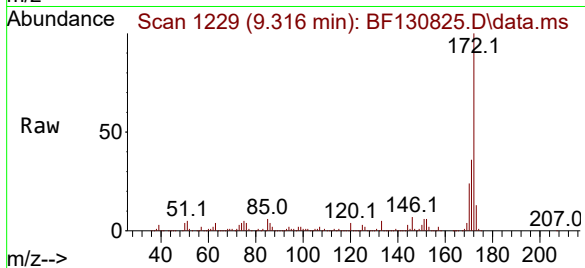




#48
2-Nitroaniline
Concen: 4.722 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

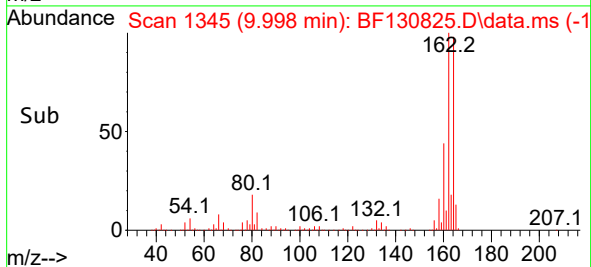
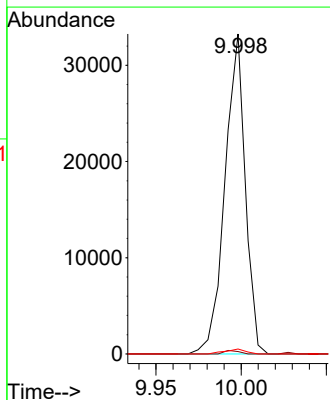
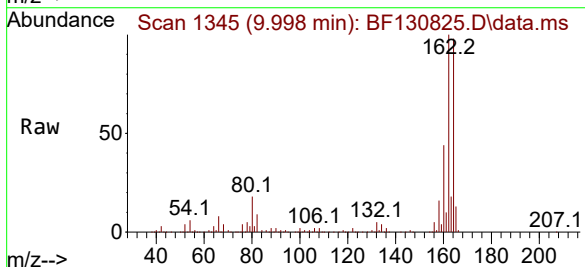
Instrument :
BNA_F
ClientSampleId :
TP2-1024

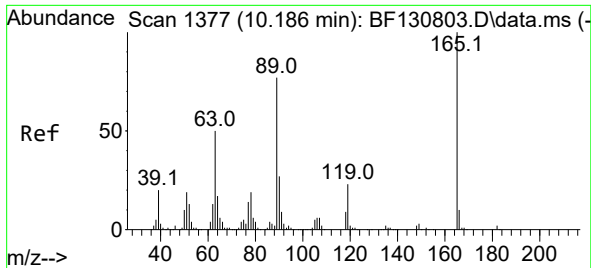
Tgt Ion: 65 Resp: 2493
Ion Ratio Lower Upper
65 100
92 189.9 50.1 75.1#
138 28.6 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.024 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion: 165 Resp: 27612
Ion Ratio Lower Upper
165 100
63 0.8 61.8 92.8#
89 1.5 56.2 84.4#

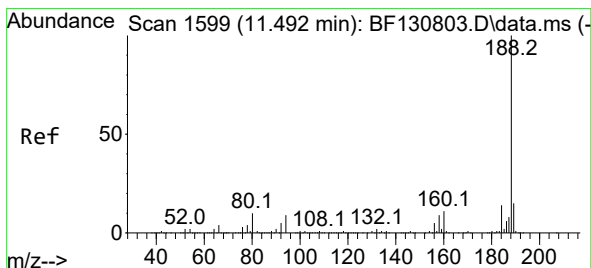
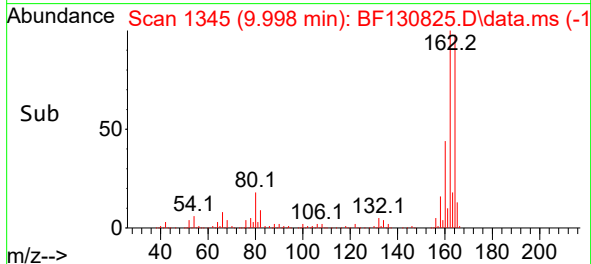
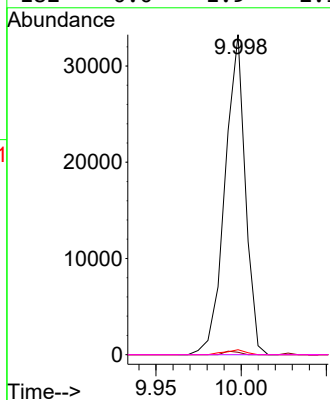
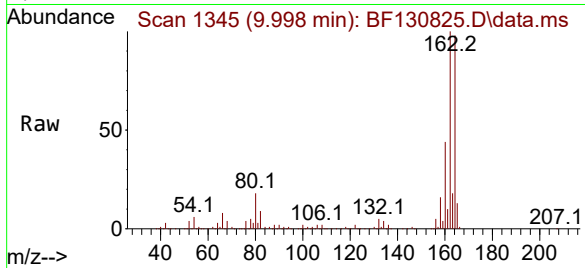




#57
2,4-Dinitrotoluene
Concen: 10.908 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

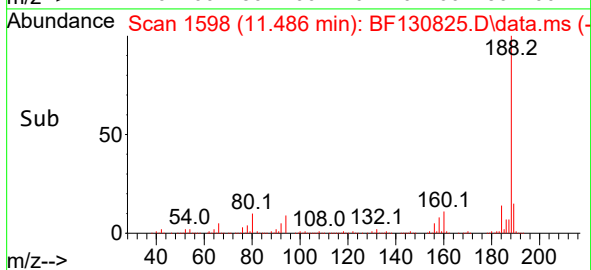
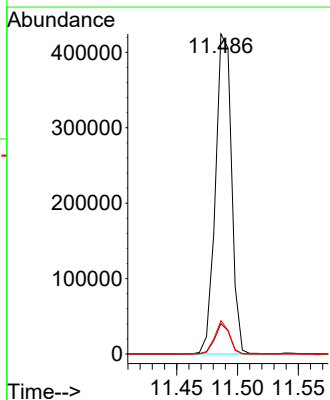
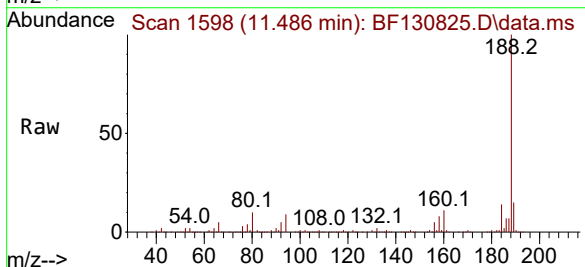
Instrument :
BNA_F
ClientSampleId :
TP2-1024

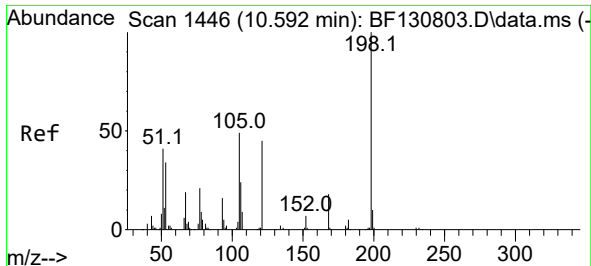
Tgt Ion:165 Resp: 27612
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

Tgt Ion:188 Resp: 392320
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 8.0 12.0

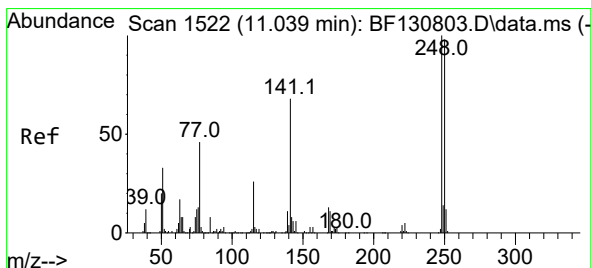
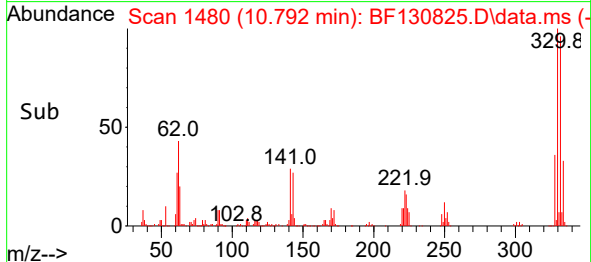
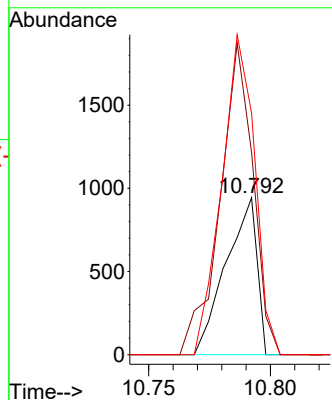
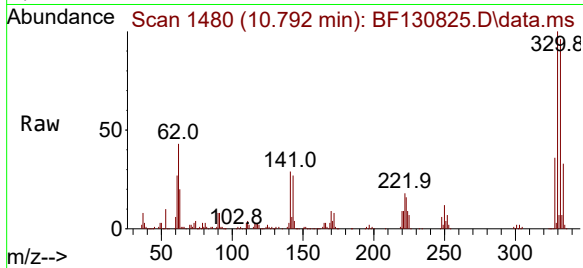




#65
4,6-Dinitro-2-methylphenol
Concen: 8.353 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.200 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

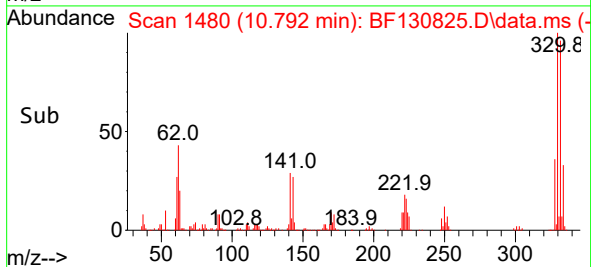
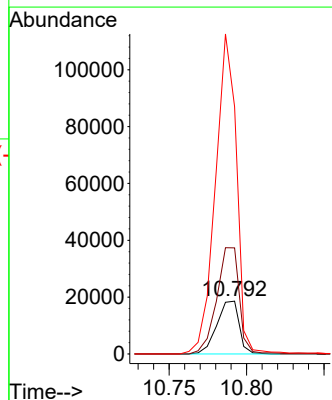
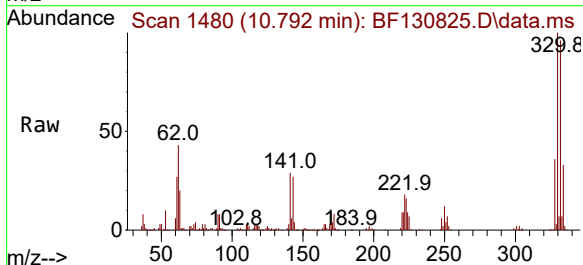
Instrument :
BNA_F
ClientSampleId :
TP2-1024

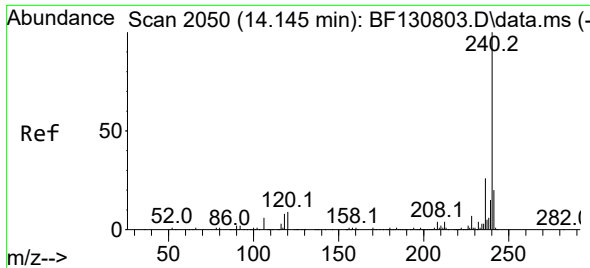
Tgt Ion:198 Resp: 834
Ion Ratio Lower Upper
198 100
51 128.9 39.0 79.0#
105 154.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.723 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.247 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

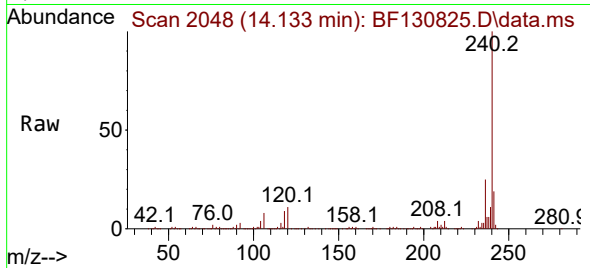
Tgt Ion:248 Resp: 18633
Ion Ratio Lower Upper
248 100
250 200.9 78.6 117.8#
141 468.3 54.2 81.4#



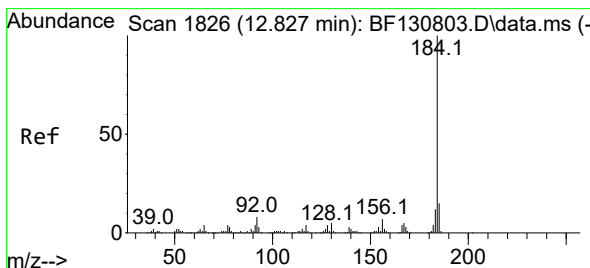
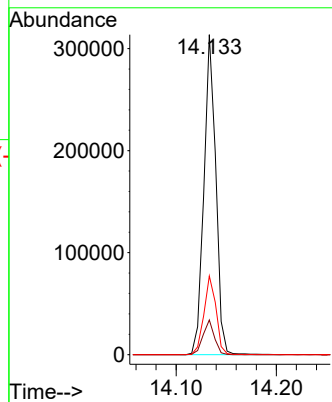
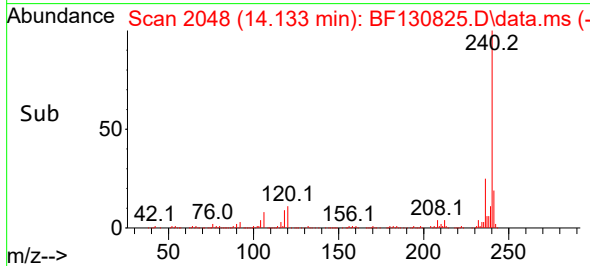


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56

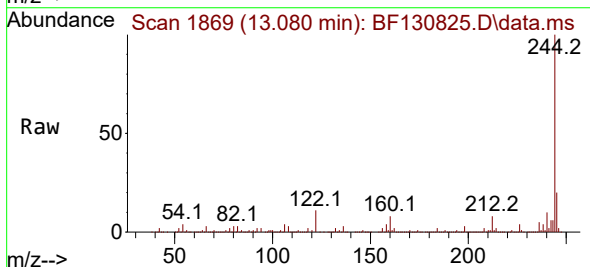
Instrument :
BNA_F
ClientSampleId :
TP2-1024



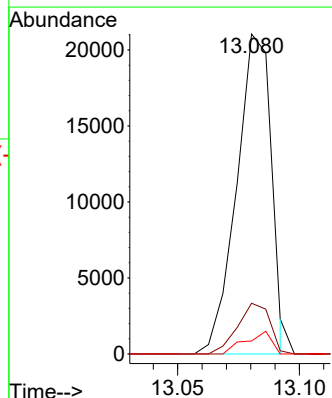
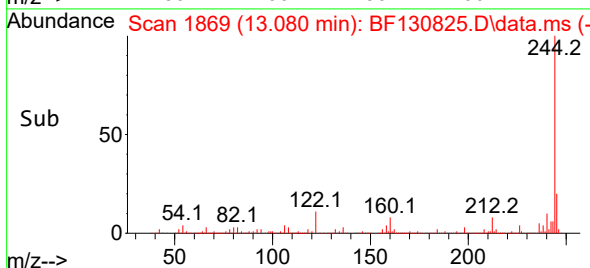
Tgt Ion:240 Resp: 259619
Ion Ratio Lower Upper
240 100
120 10.8 7.0 10.4#
236 24.6 20.5 30.7

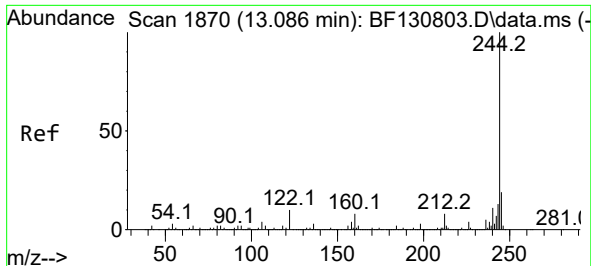


#77
Benzidine
Concen: 3.302 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF130825.D
Acq: 28 Oct 2022 13:56



Tgt Ion:184 Resp: 20813
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 4.0 9.7 14.5#

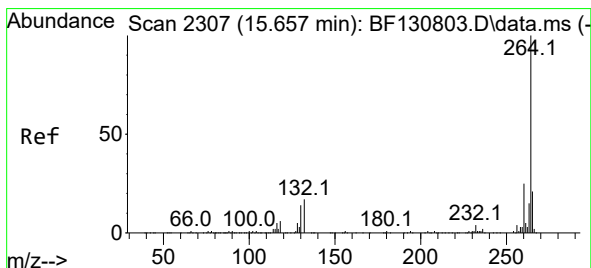
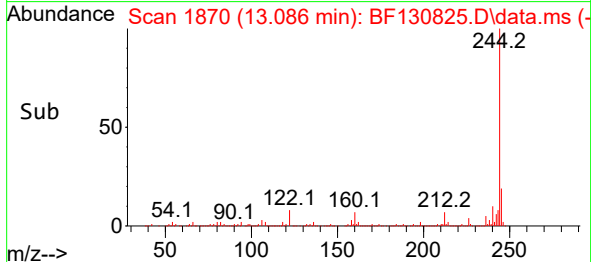
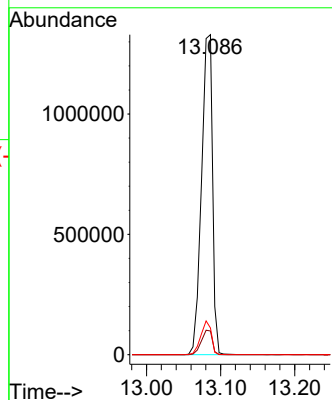
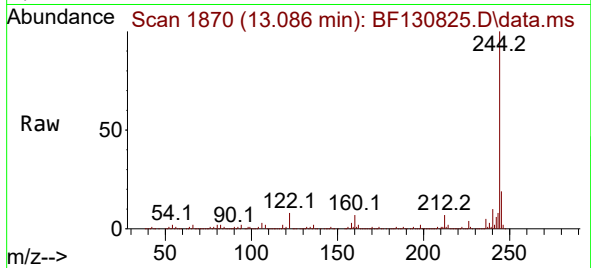




#79
 Terphenyl-d14
 Concen: 96.504 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130825.D
 Acq: 28 Oct 2022 13:56

Instrument :
 BNA_F
 ClientSampleId :
 TP2-1024

Tgt Ion:244 Resp: 1367249
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.3 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: BF130825.D
 Acq: 28 Oct 2022 13:56

Tgt Ion:264 Resp: 196557
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 20.4 17.0 25.6

