

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130973.D
 Acq On : 03 Nov 2022 22:32
 Operator : CG\JU
 Sample : N5396-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-G

Quant Time: Nov 04 06:23:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

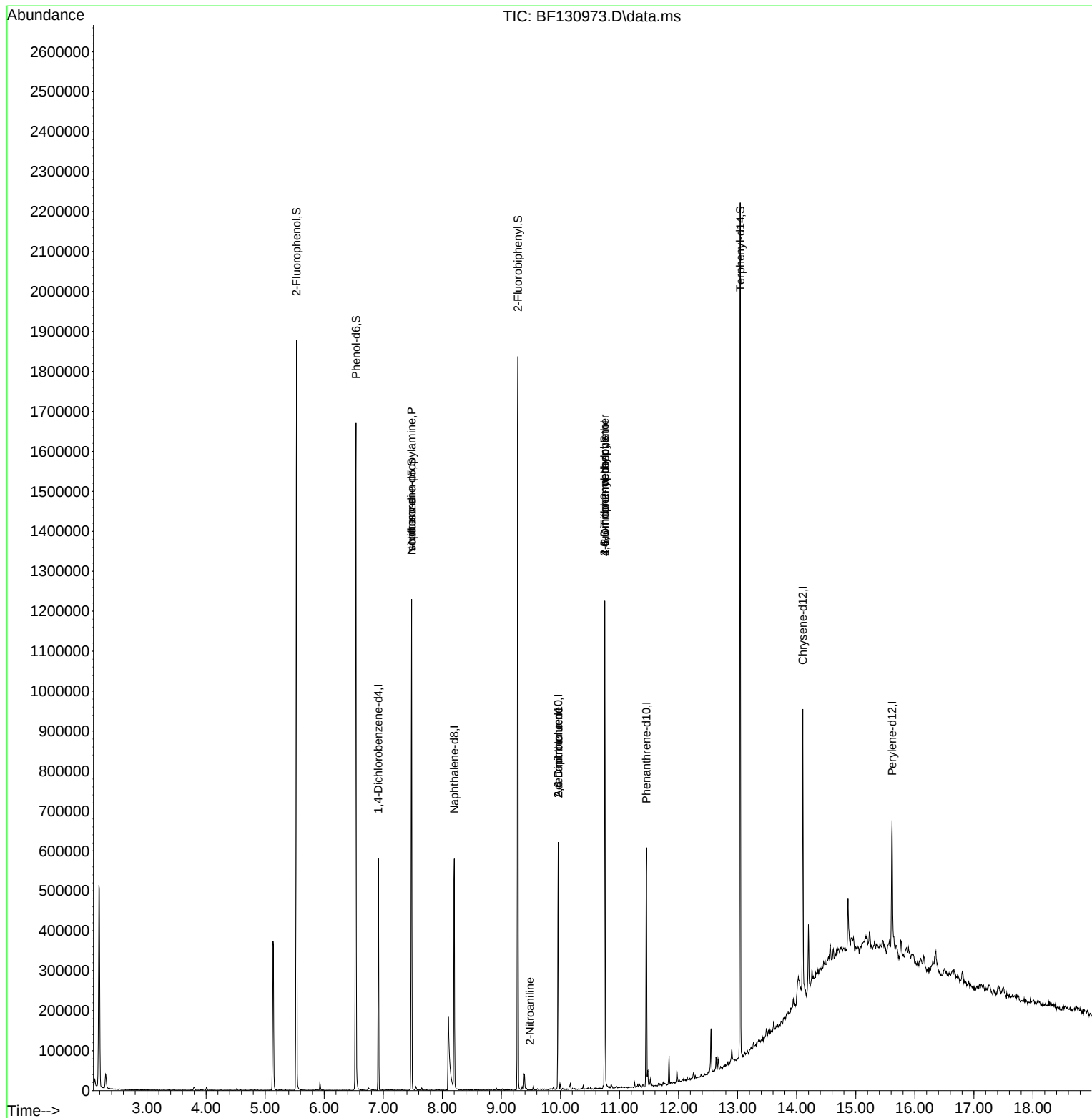
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	72668	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	238414	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	114055	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	213769	20.000	ng	0.00
76) Chrysene-d12	14.104	240	221375	20.000	ng	0.00
86) Perylene-d12	15.615	264	150083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	450893	107.568	ng	0.00
7) Phenol-d6	6.540	99	536854	98.557	ng	0.00
23) Nitrobenzene-d5	7.481	82	337399	85.334	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	128834	134.186	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	551096	73.052	ng	0.00
79) Terphenyl-d14	13.045	244	671281	55.566	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	47258	12.751	ng	# 75
25) Isophorone	7.481	82	337394	41.381	ng	# 66
48) 2-Nitroaniline	9.486	65	54	4.170	ng	# 12
51) 2,6-Dinitrotoluene	9.963	165	14126	11.723	ng	# 13
57) 2,4-Dinitrotoluene	9.963	165	14126	10.673	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	424	8.324	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	8079	3.758	ng	# 1

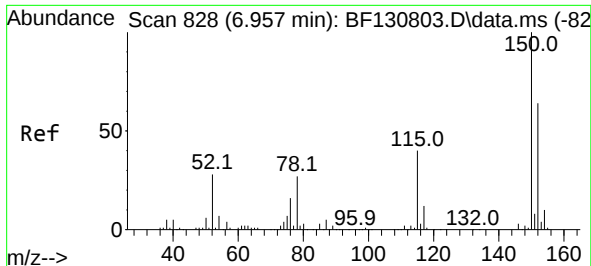
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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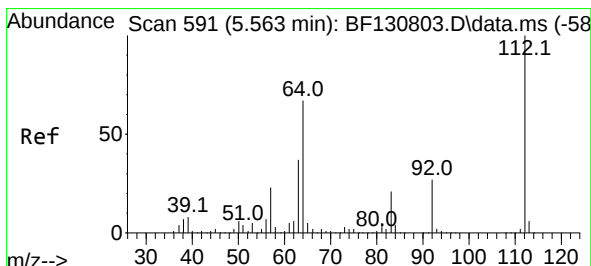
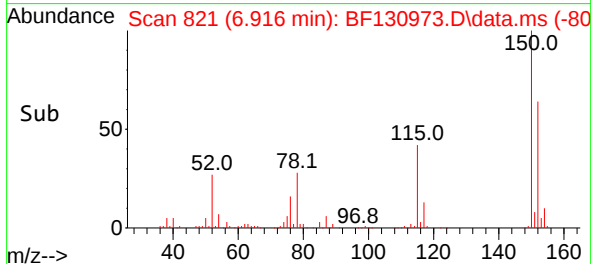
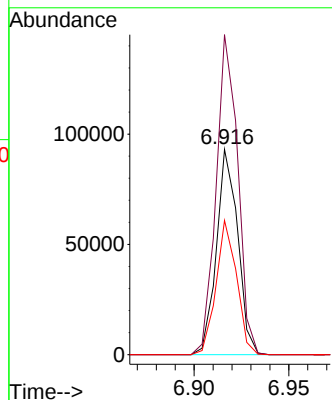
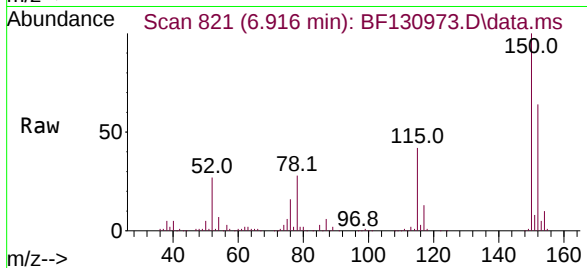




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130973.D
 Acq: 03 Nov 2022 22:32

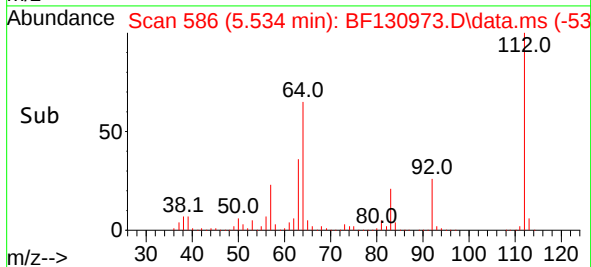
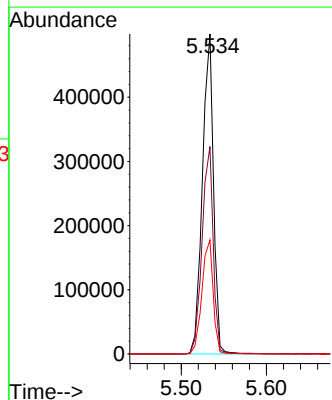
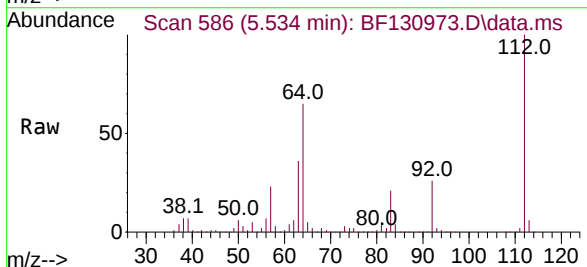
Instrument :
 BNA_F
 ClientSampleId :
 TP-G

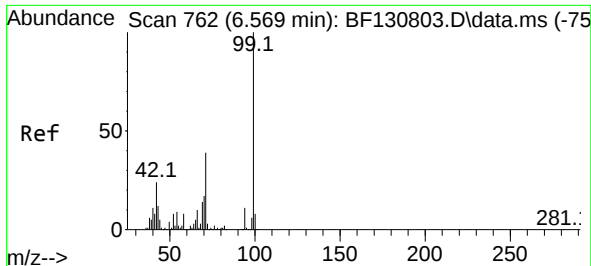
Tgt Ion:152 Resp: 72668
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.1 186.1
 115 65.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 107.568 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF130973.D
 Acq: 03 Nov 2022 22:32

Tgt Ion:112 Resp: 450893
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.9 80.9
 63 35.6 29.4 44.2

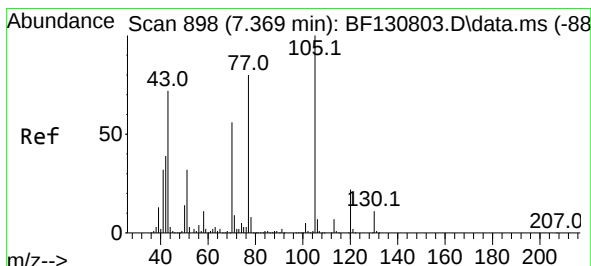
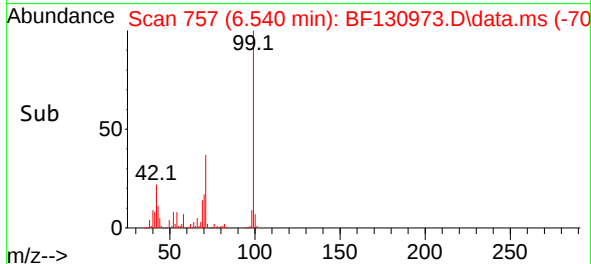
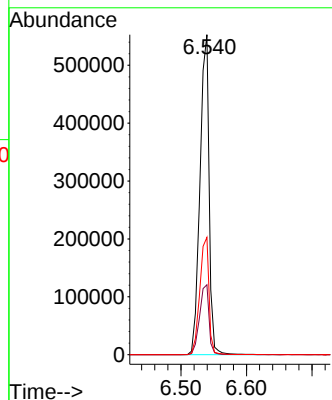
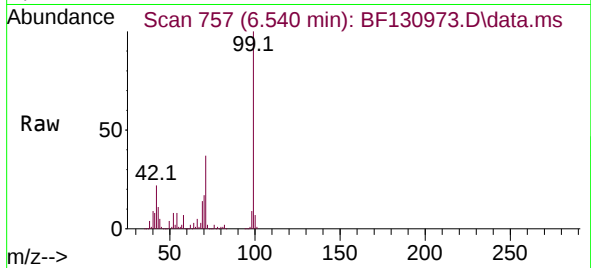




#7
Phenol-d6
Concen: 98.557 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

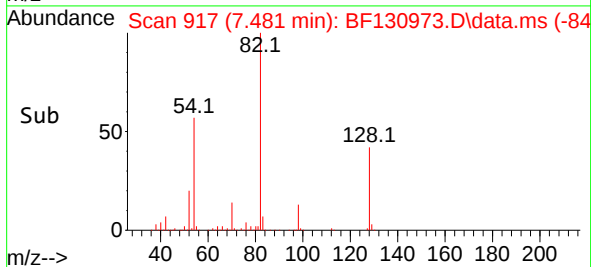
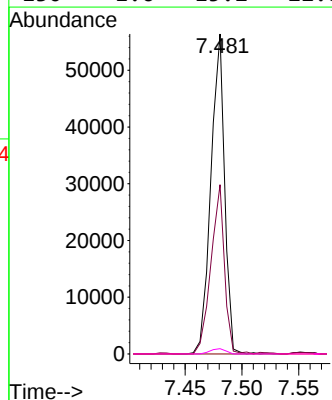
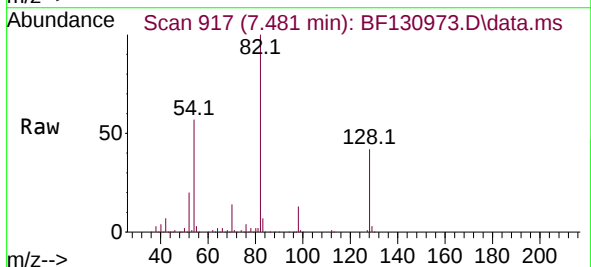
Instrument :
BNA_F
ClientSampleId :
TP-G

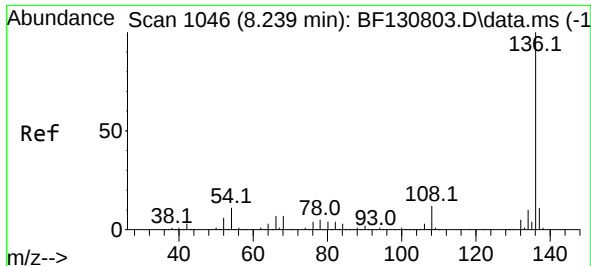
Tgt Ion: 99 Resp: 536854
Ion Ratio Lower Upper
99 100
42 21.8 18.8 28.2
71 36.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.751 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion: 70 Resp: 47258
Ion Ratio Lower Upper
70 100
42 52.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



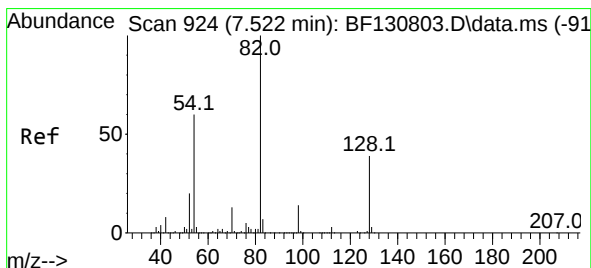
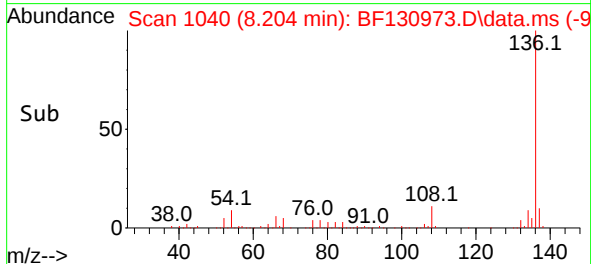
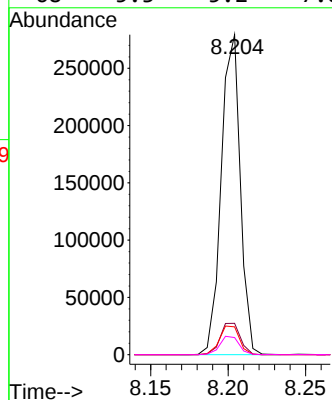
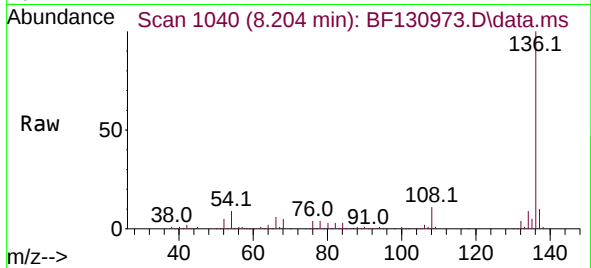


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Instrument :
BNA_F
ClientSampleId :
TP-G

Tgt Ion:136 Resp: 238414

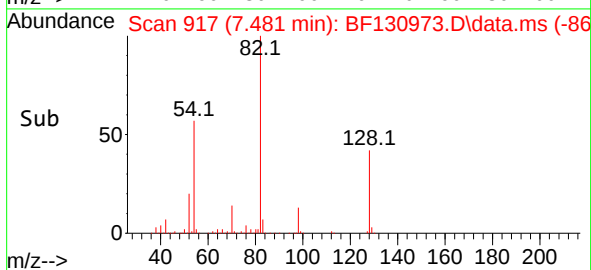
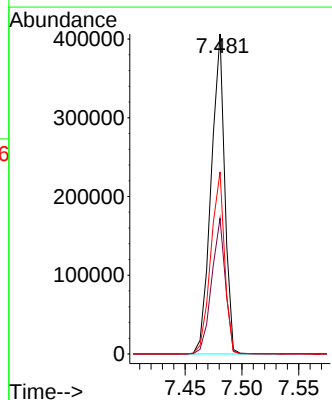
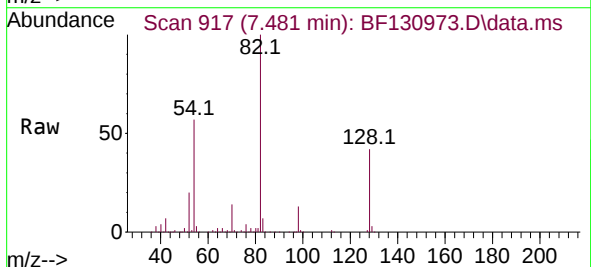
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	8.7	8.8	13.2#
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 85.334 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion: 82 Resp: 337399

Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.2	46.8
54	56.9	48.0	72.0

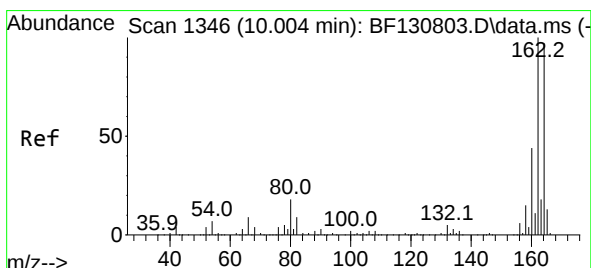
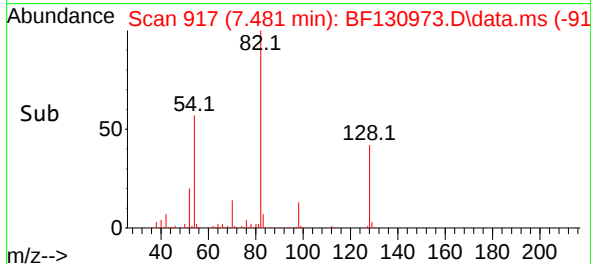
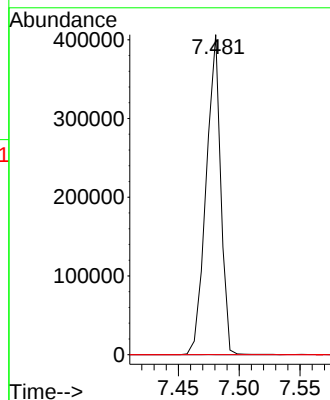
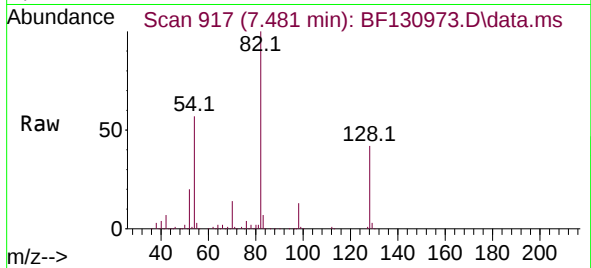




#25
Isophorone
Concen: 41.381 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.259 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

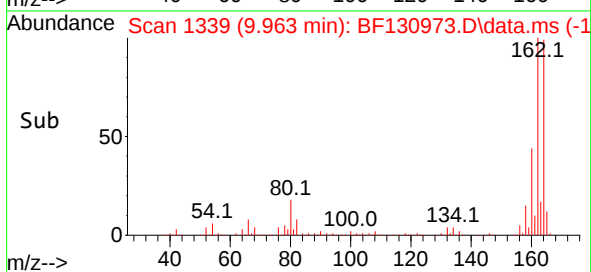
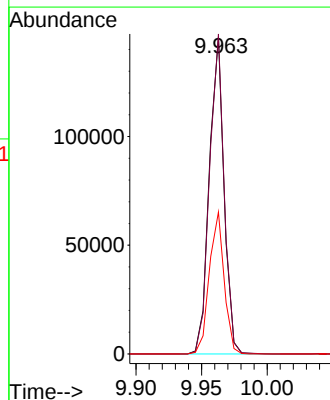
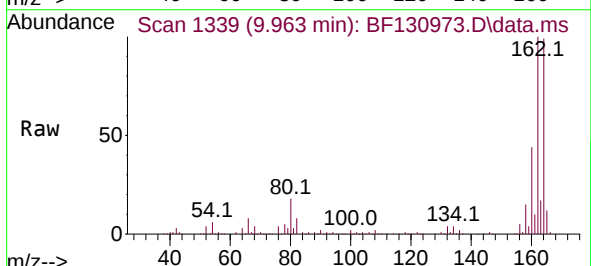
Instrument :
BNA_F
ClientSampleId :
TP-G

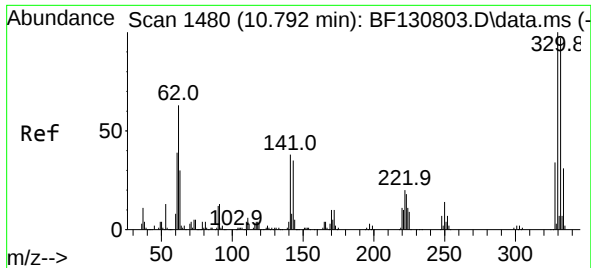
Tgt Ion: 82 Resp: 337394
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion:164 Resp: 114055
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 44.8 36.6 54.8

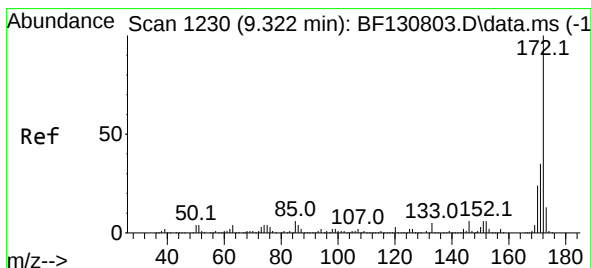
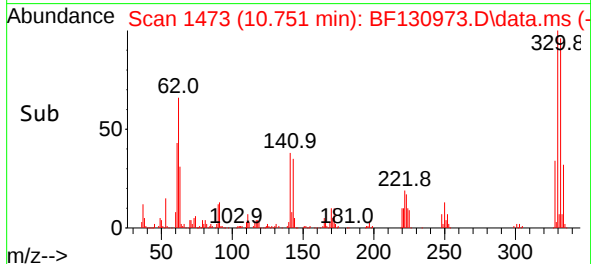
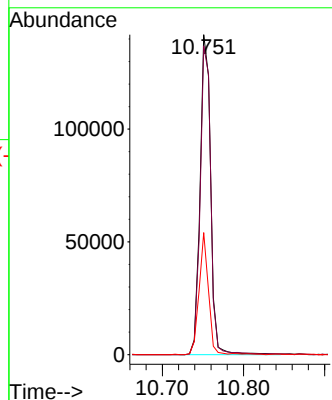
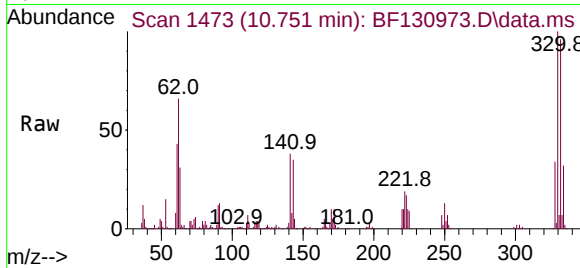




#42
2,4,6-Tribromophenol
Concen: 134.186 ng
RT: 10.751 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

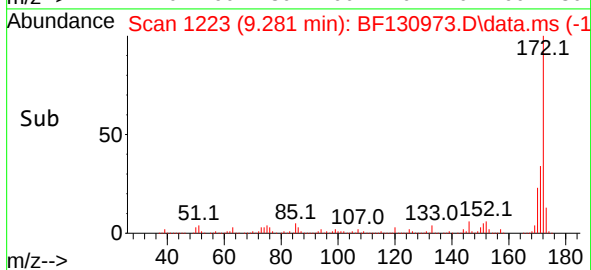
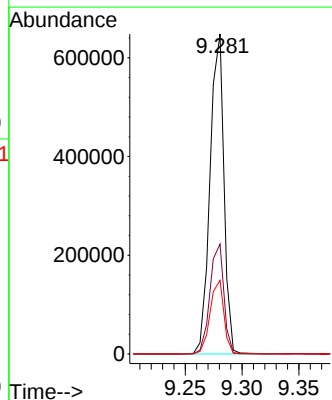
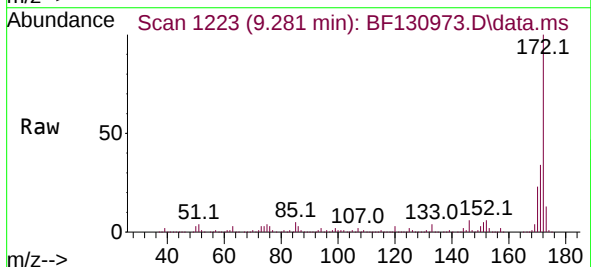
Instrument :
BNA_F
ClientSampleId :
TP-G

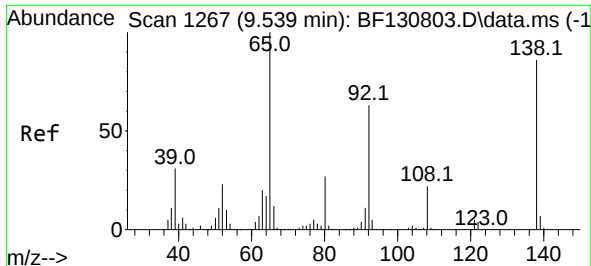
Tgt Ion:330 Resp: 128834
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 34.2 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 73.052 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion:172 Resp: 551096
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.0 19.0 28.4

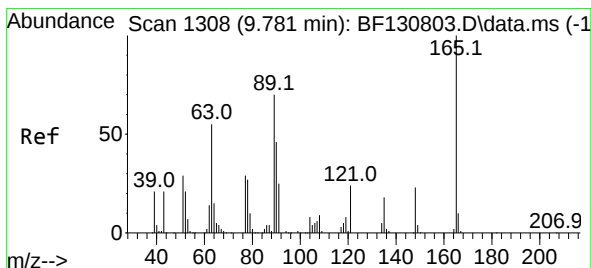
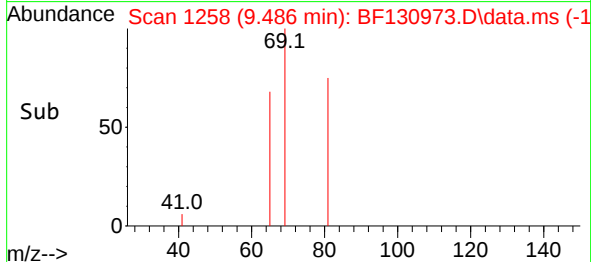
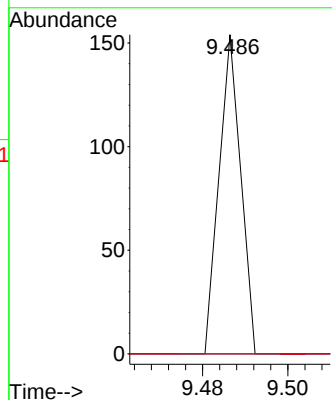
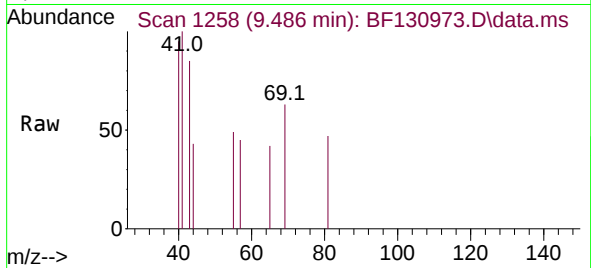




#48
2-Nitroaniline
Concen: 4.170 ng
RT: 9.486 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

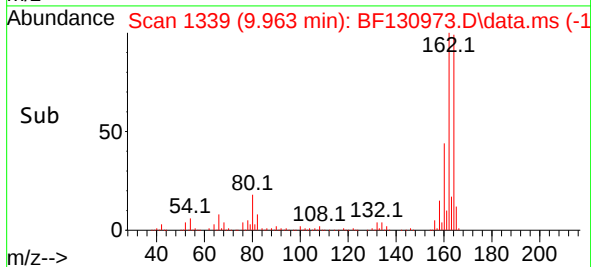
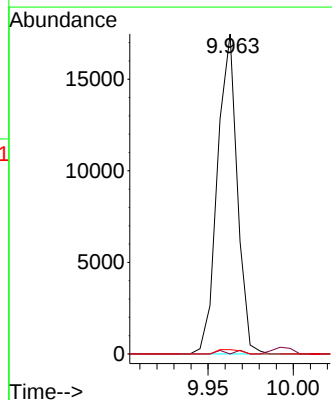
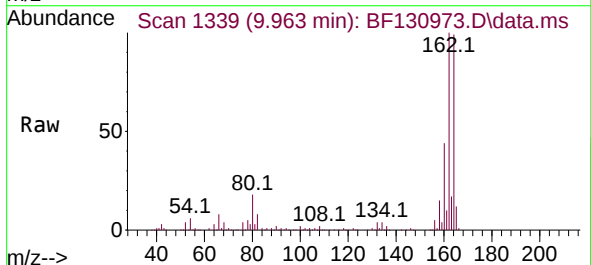
Instrument :
BNA_F
ClientSampleId :
TP-G

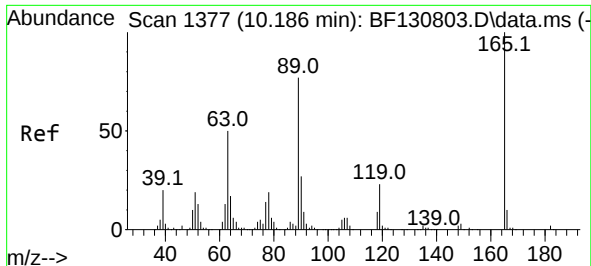
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.723 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion: 165 Resp: 14126
Ion Ratio Lower Upper
165 100
63 0.0 61.8 92.8#
89 1.4 56.2 84.4#

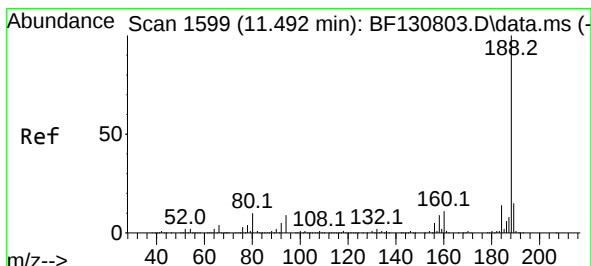
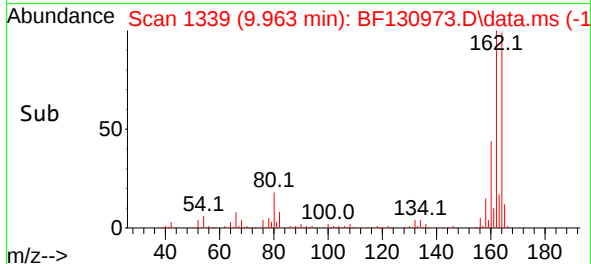
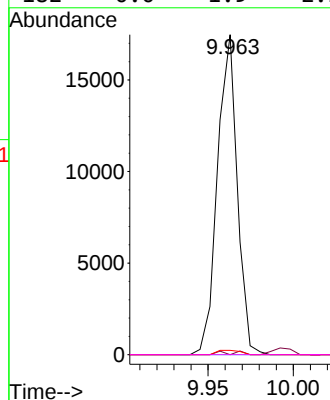
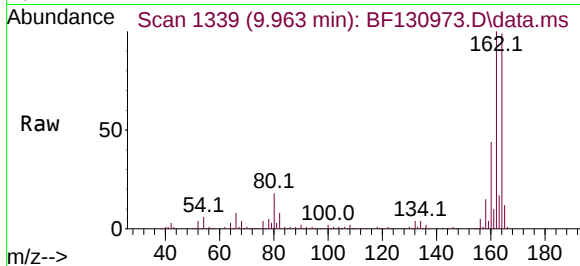




#57
2,4-Dinitrotoluene
Concen: 10.673 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

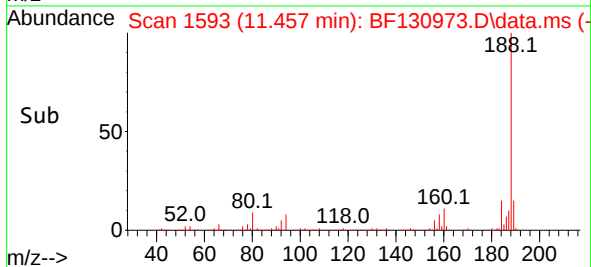
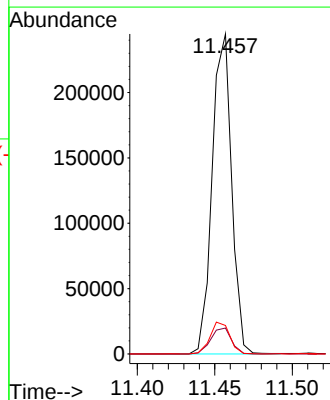
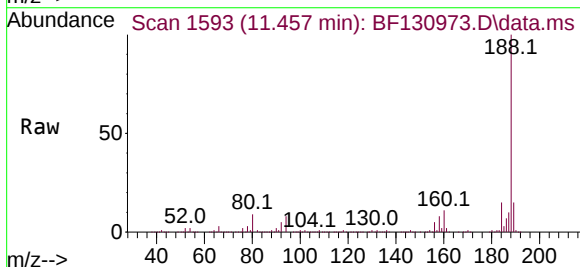
Instrument :
BNA_F
ClientSampleId :
TP-G

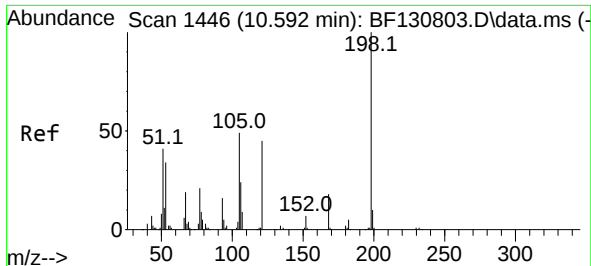
Tgt Ion:165 Resp: 14126
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion:188 Resp: 213769
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 8.0 12.0

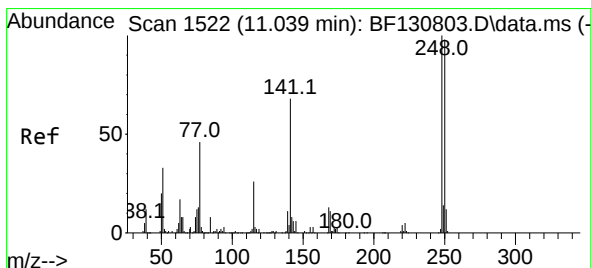
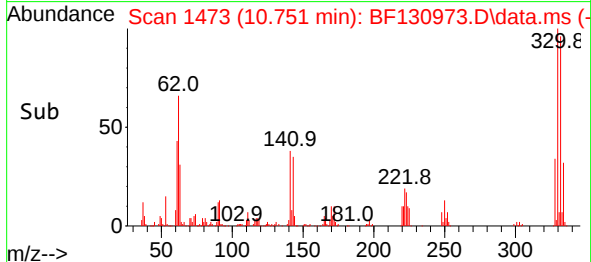
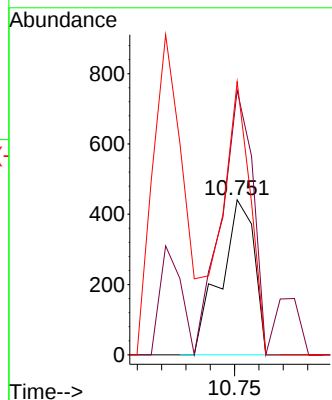
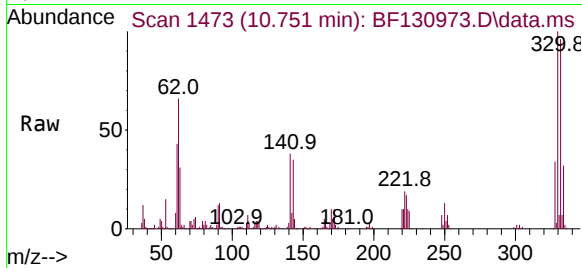




#65
4,6-Dinitro-2-methylphenol
Concen: 8.324 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

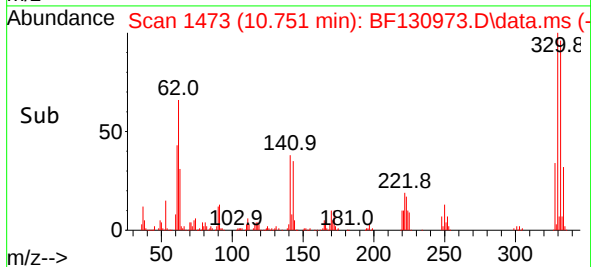
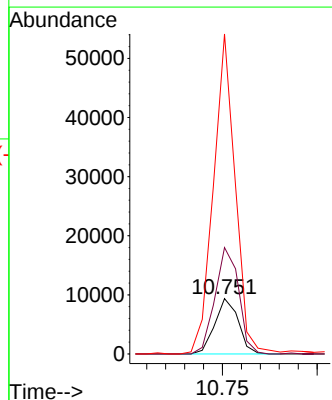
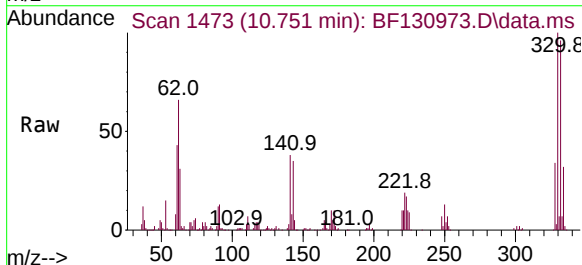
Instrument :
BNA_F
ClientSampleId :
TP-G

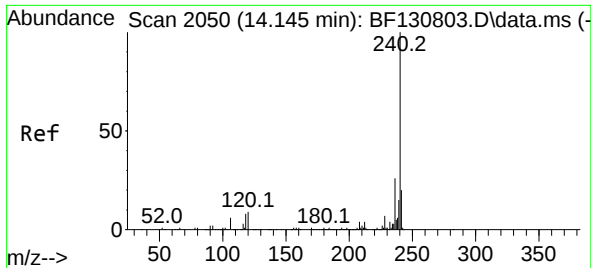
Tgt Ion:198 Resp: 424
Ion Ratio Lower Upper
198 100
51 170.7 39.0 79.0#
105 176.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion:248 Resp: 8079
Ion Ratio Lower Upper
248 100
250 192.1 78.6 117.8#
141 578.0 54.2 81.4#

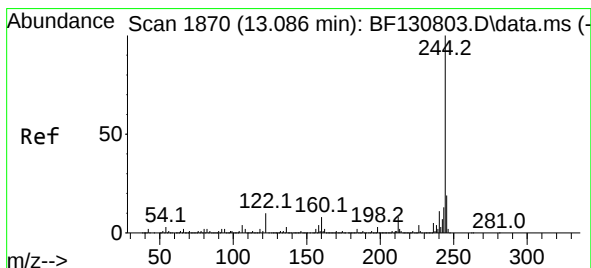
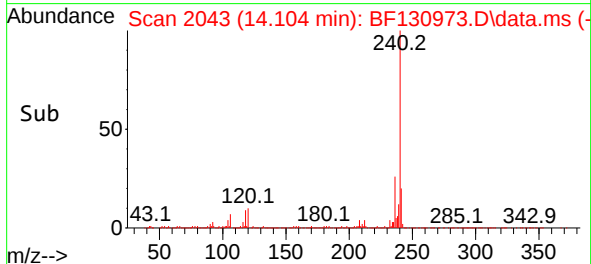
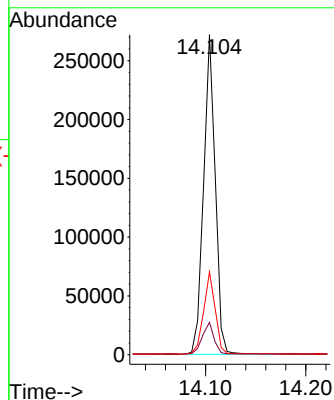
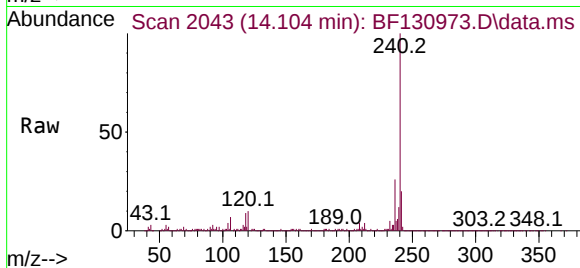




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

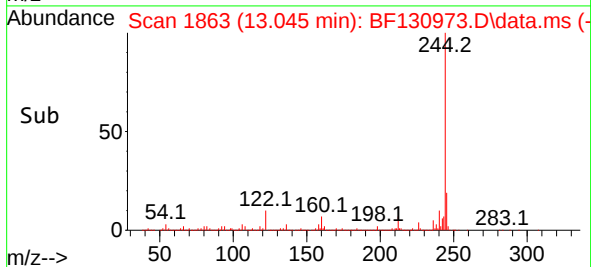
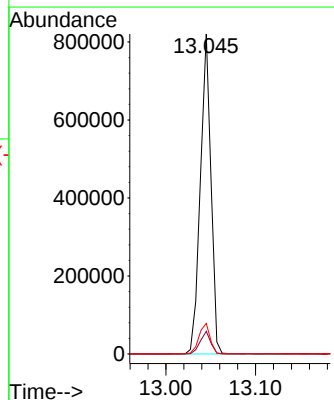
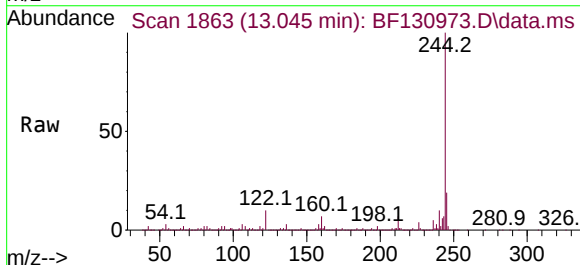
Instrument :
BNA_F
ClientSampleId :
TP-G

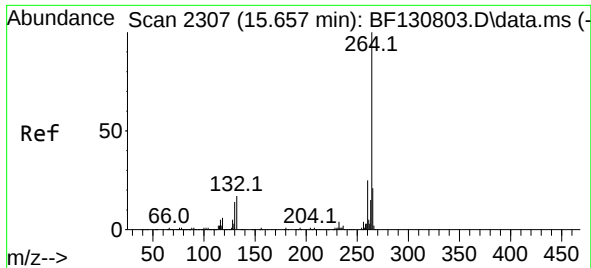
Tgt Ion:240 Resp: 221375
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 55.566 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Tgt Ion:244 Resp: 671281
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 9.5 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130973.D
Acq: 03 Nov 2022 22:32

Instrument :
BNA_F
ClientSampleId :
TP-G

Tgt Ion:264 Resp: 150083

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.8	17.0	25.6

