

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130904.D
 Acq On : 01 Nov 2022 17:14
 Operator : CG\JU
 Sample : N5371-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:21:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

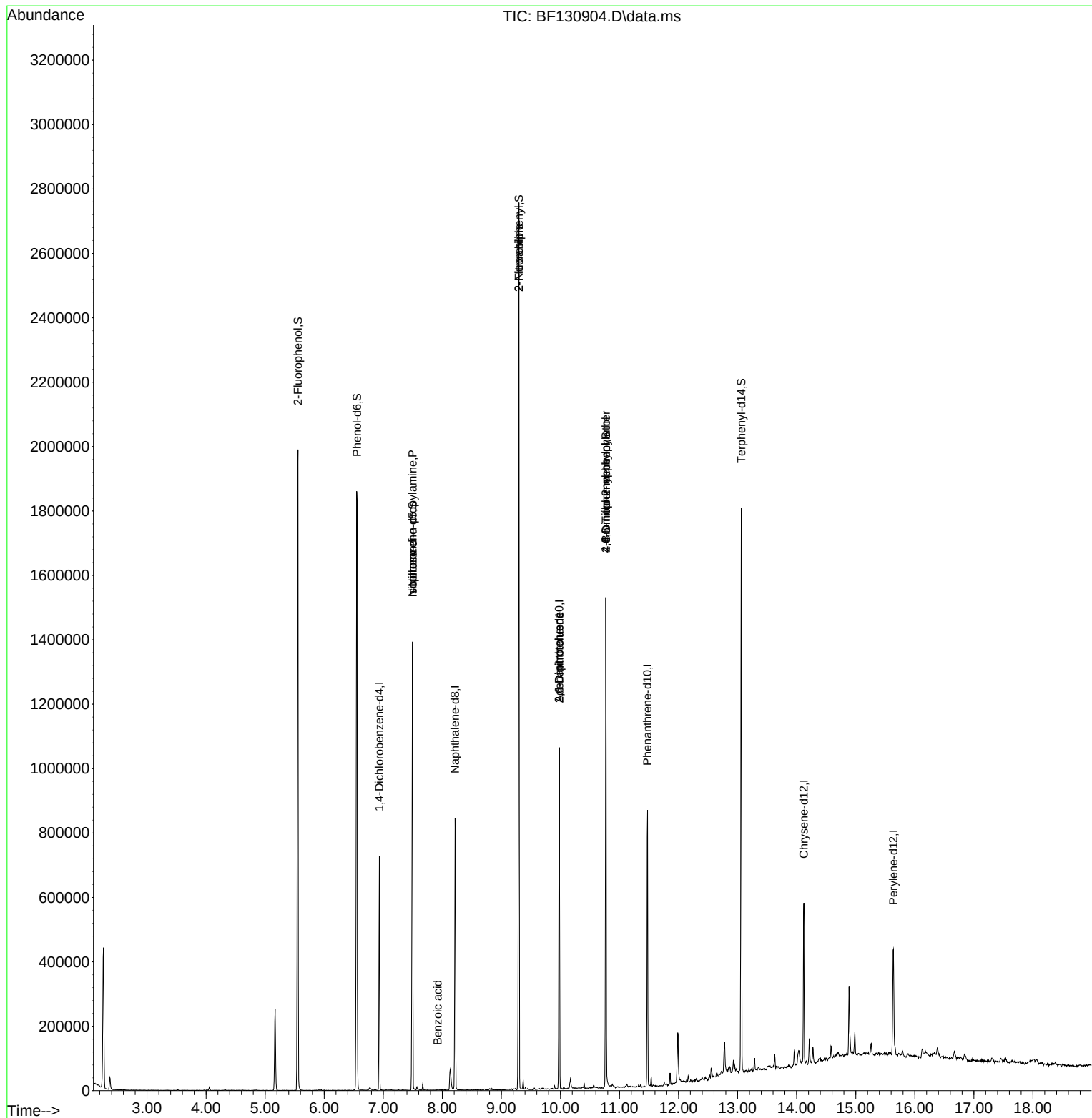
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	89973	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	355107	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	188992	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	306904	20.000	ng	0.00
76) Chrysene-d12	14.121	240	168207	20.000	ng	0.00
86) Perylene-d12	15.639	264	161914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	519490	100.096	ng	0.00
7) Phenol-d6	6.557	99	674506	100.011	ng	0.00
23) Nitrobenzene-d5	7.498	82	453610	77.025	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	159530	100.275	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	788555	63.082	ng	0.00
79) Terphenyl-d14	13.063	244	537075	58.509	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	63383	13.813	ng	# 77
25) Isophorone	7.498	82	452281	37.243	ng	# 66
32) Benzoic acid	7.922	122	170	7.720	ng	# 29
48) 2-Nitroaniline	9.298	65	1502	4.542	ng	# 1
51) 2,6-Dinitrotoluene	9.980	165	24676	12.207	ng	# 14
57) 2,4-Dinitrotoluene	9.980	165	24676	11.051	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.769	198	512	8.262	ng	# 1
67) 4-Bromophenyl-phenylether	10.769	248	10296	3.336	ng	# 1

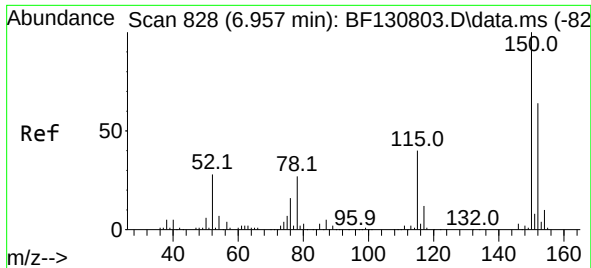
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130904.D
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Operator : CG\JU
Sample : N5371-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

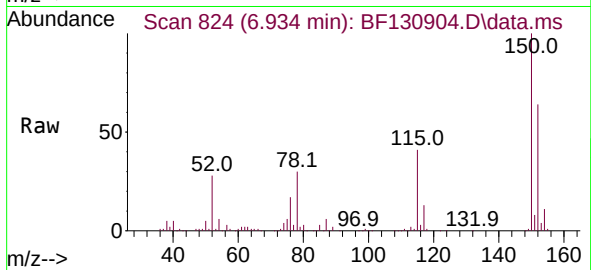
Quant Time: Nov 02 08:21:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



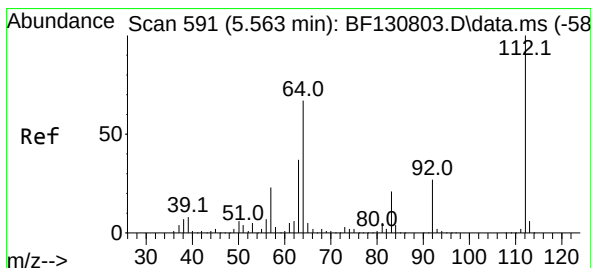
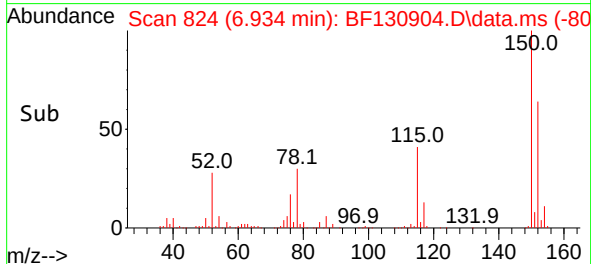
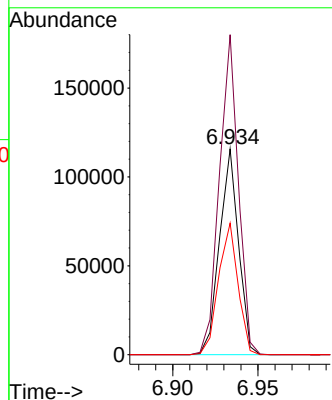


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :

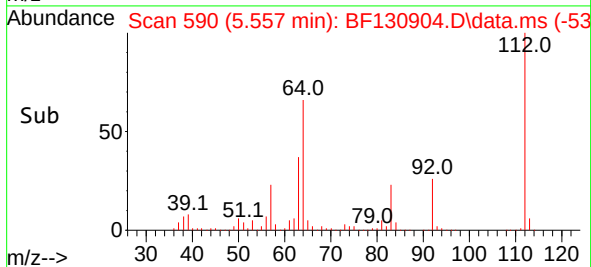
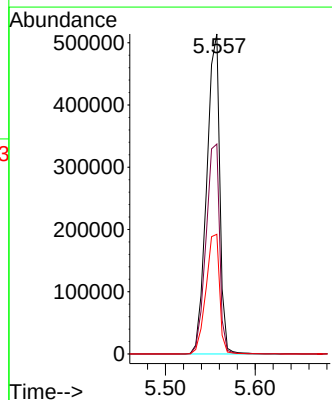
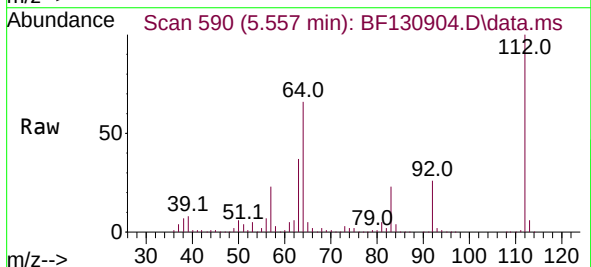


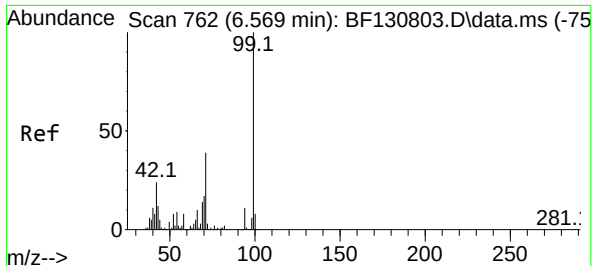
Tgt Ion:152 Resp: 89973
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 63.9 50.1 75.1



#5
2-Fluorophenol
Concen: 100.096 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Tgt Ion:112 Resp: 519490
Ion Ratio Lower Upper
112 100
64 65.6 53.9 80.9
63 37.4 29.4 44.2

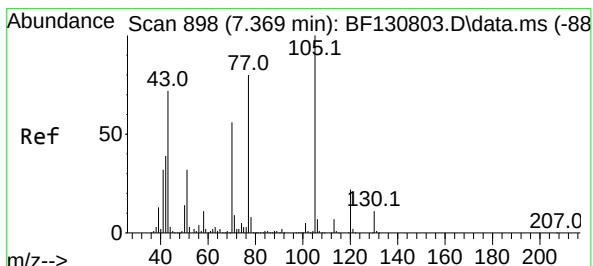
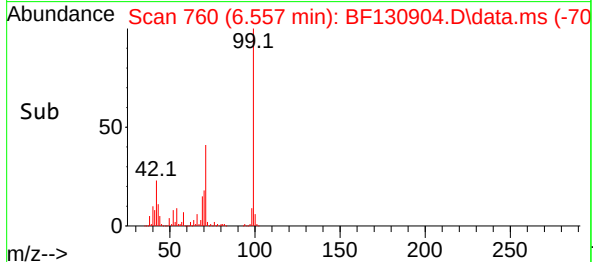
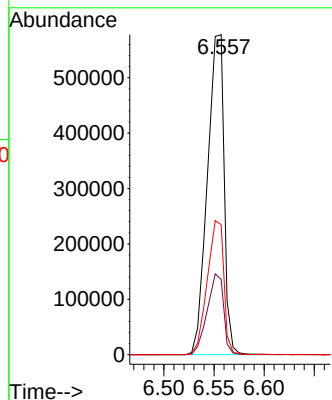
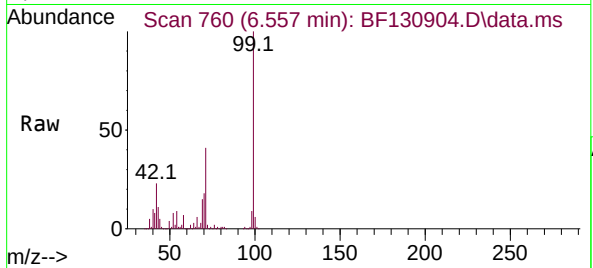




#7
Phenol-d6
Concen: 100.011 ng
RT: 6.557 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

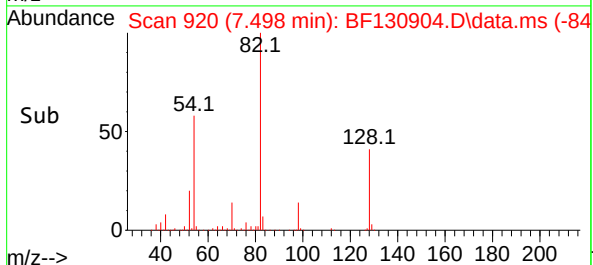
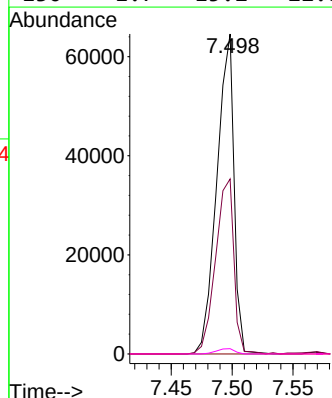
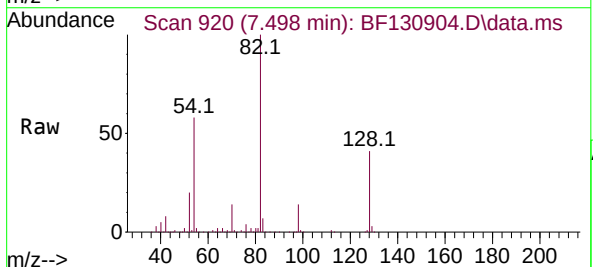
Instrument :
BNA_F
ClientSampleId :

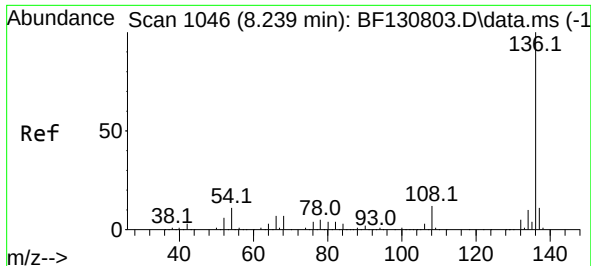
Tgt Ion: 99 Resp: 674506
Ion Ratio Lower Upper
99 100
42 23.5 18.8 28.2
71 40.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.813 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

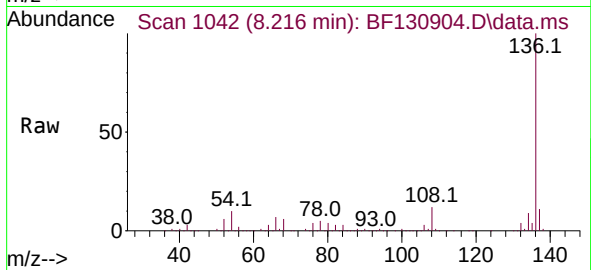
Tgt Ion: 70 Resp: 63383
Ion Ratio Lower Upper
70 100
42 54.7 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#



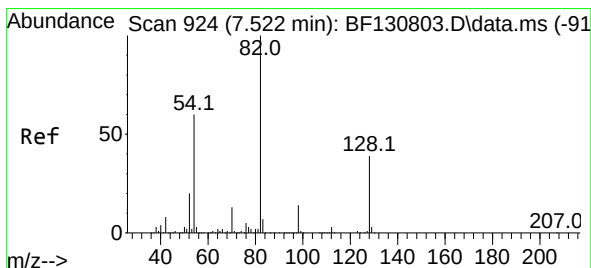
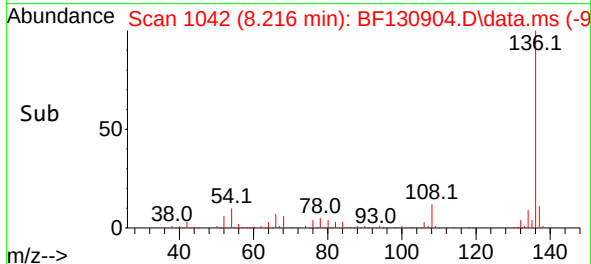
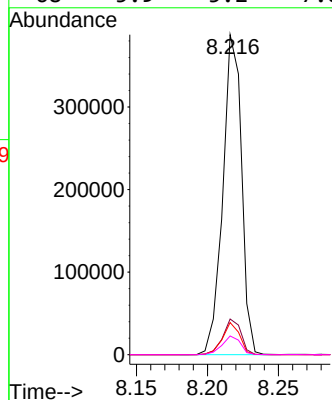


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :

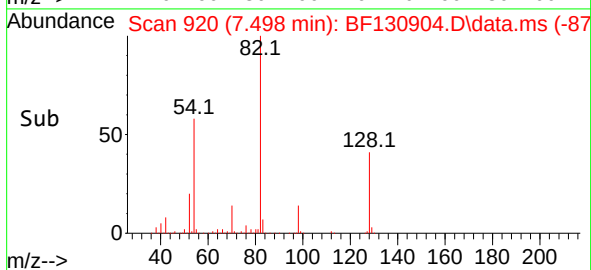
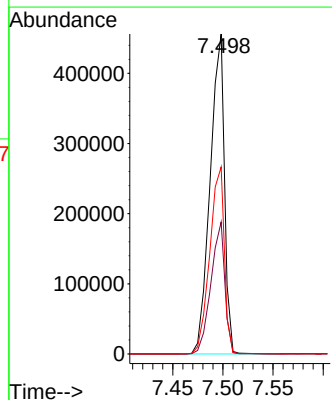
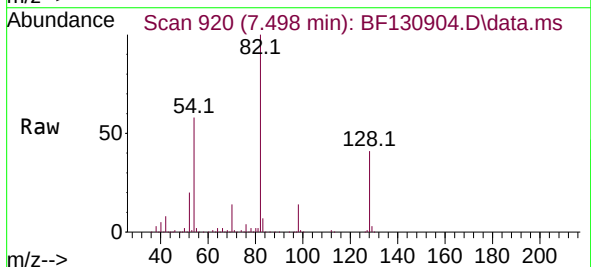


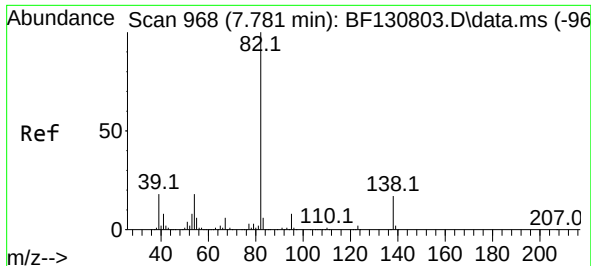
Tgt Ion:136 Resp: 355107
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.0 8.8 13.2
68 5.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 77.025 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

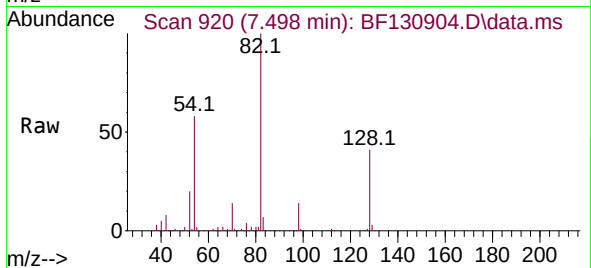
Tgt Ion: 82 Resp: 453610
Ion Ratio Lower Upper
82 100
128 41.2 31.2 46.8
54 58.4 48.0 72.0



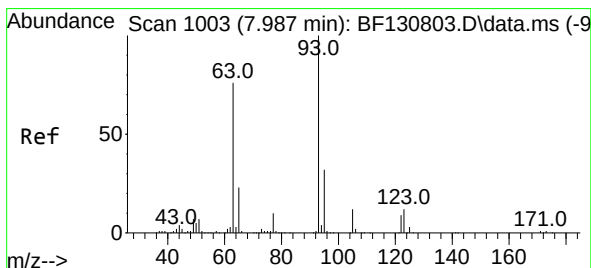
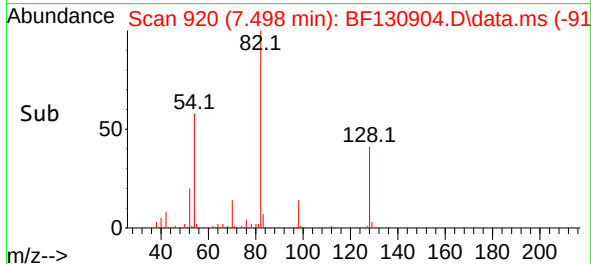
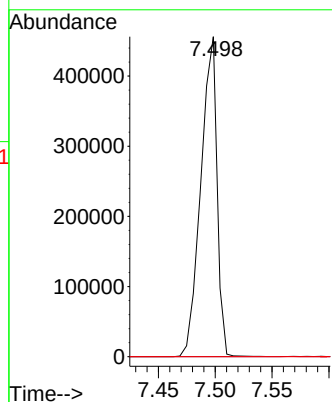


#25
Isophorone
Concen: 37.243 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :

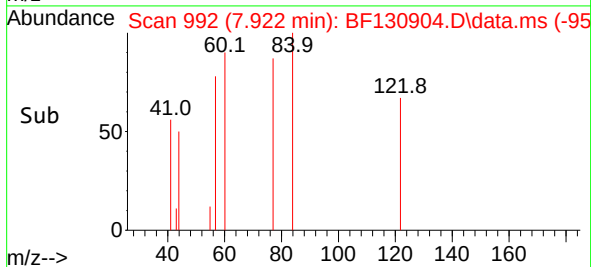
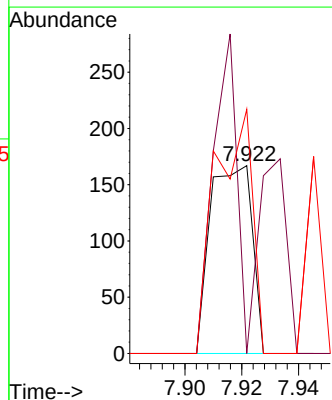
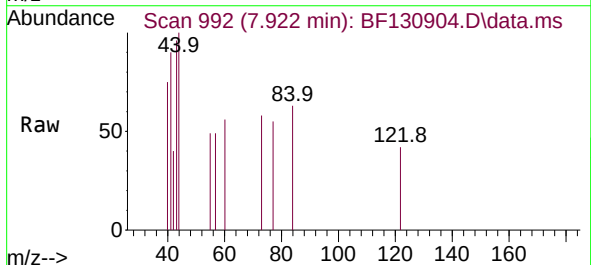


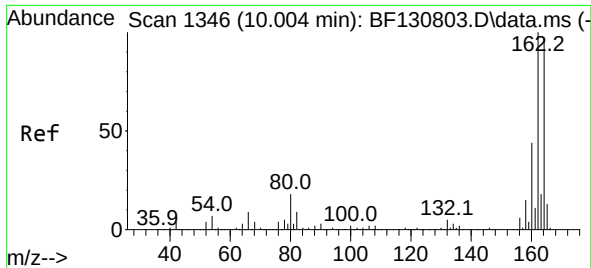
Tgt Ion: 82 Resp: 452281
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.720 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.059 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

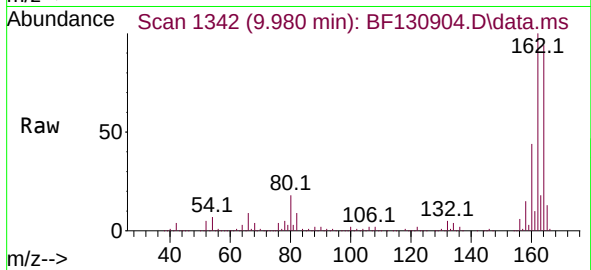
Tgt Ion: 122 Resp: 170
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 129.9 89.8 129.8#



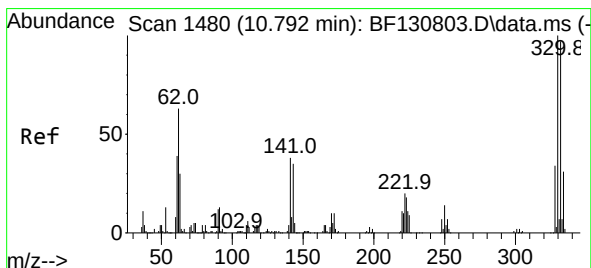
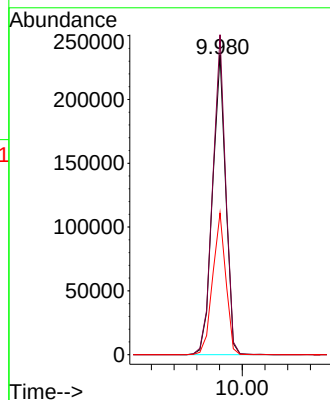
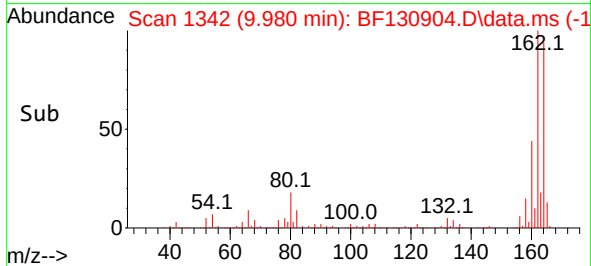


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

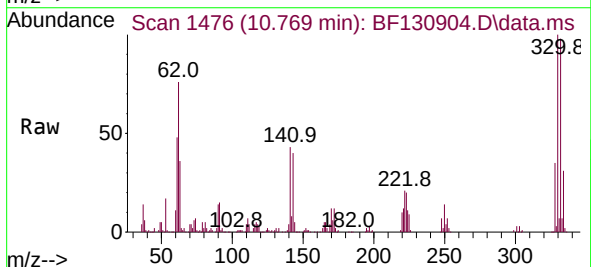
Instrument :
BNA_F
ClientSampleId :



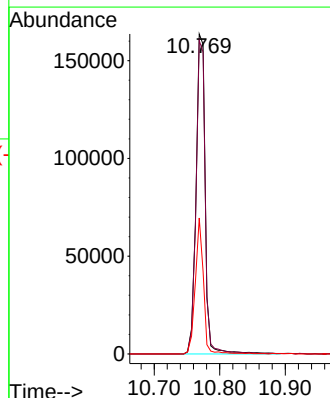
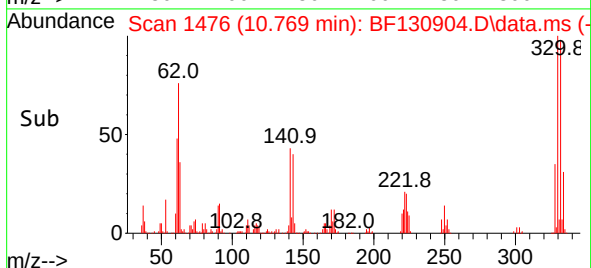
Tgt Ion:164 Resp: 188992
Ion Ratio Lower Upper
164 100
162 106.6 82.2 123.2
160 47.2 36.6 54.8

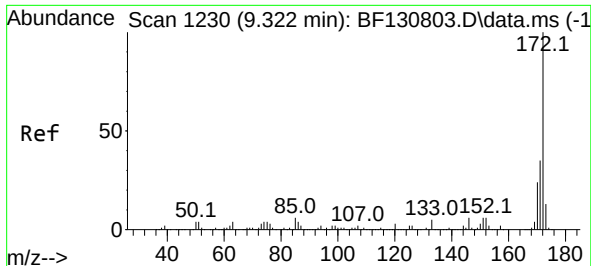


#42
2,4,6-Tribromophenol
Concen: 100.275 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14



Tgt Ion:330 Resp: 159530
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 37.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 63.082 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF130904.D

Acq: 01 Nov 2022 17:14

Instrument :

BNA_F

ClientSampleId :

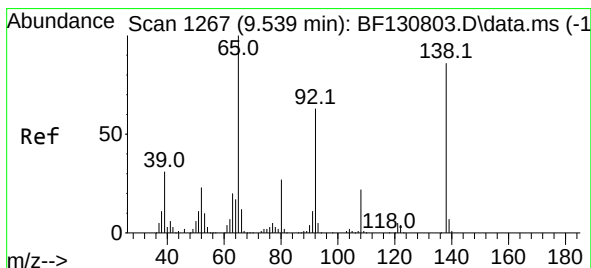
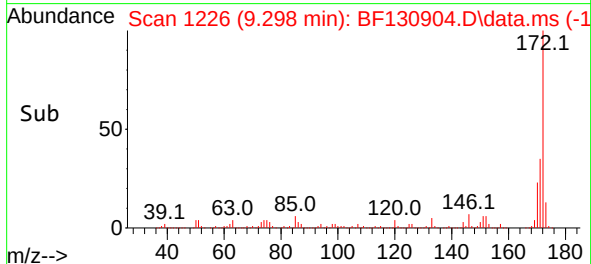
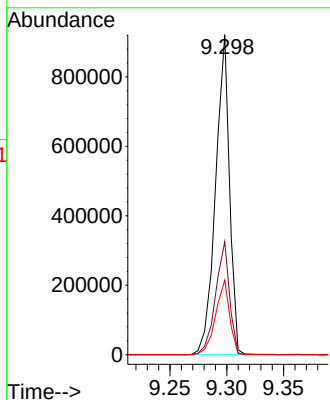
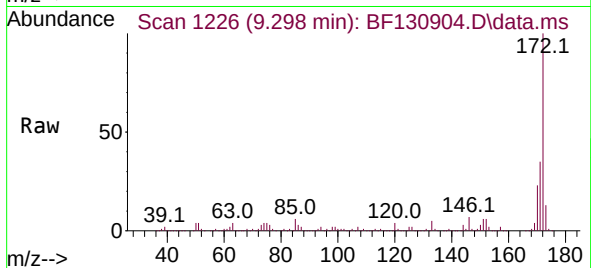
Tgt Ion:172 Resp: 788555

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.3 19.0 28.4



#48

2-Nitroaniline

Concen: 4.542 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.229 min

Lab File: BF130904.D

Acq: 01 Nov 2022 17:14

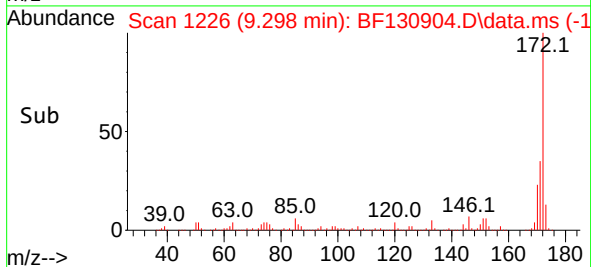
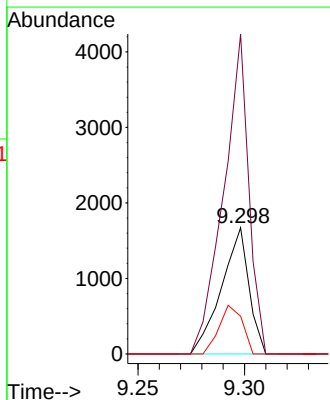
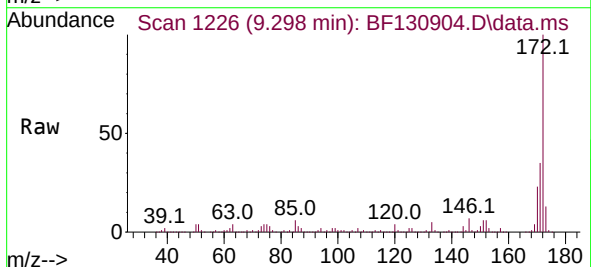
Tgt Ion: 65 Resp: 1502

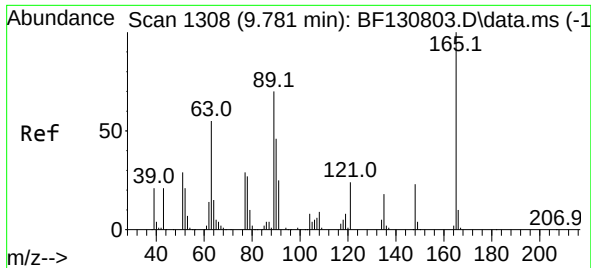
Ion Ratio Lower Upper

65 100

92 253.5 50.1 75.1#

138 30.0 69.2 103.8#

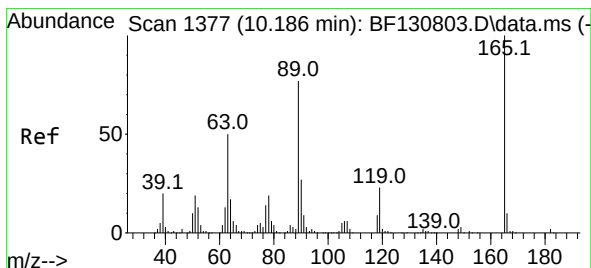
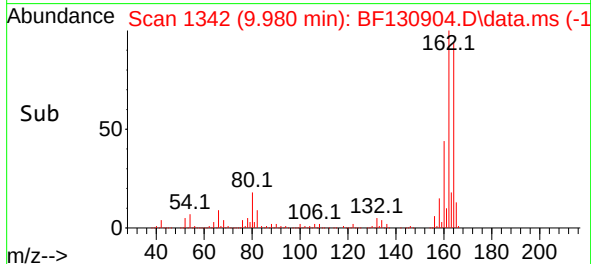
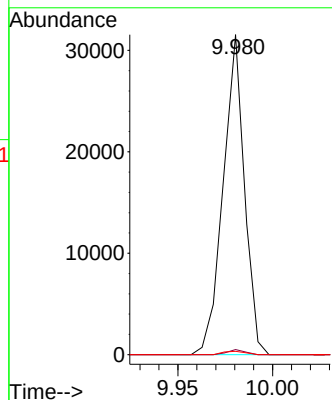
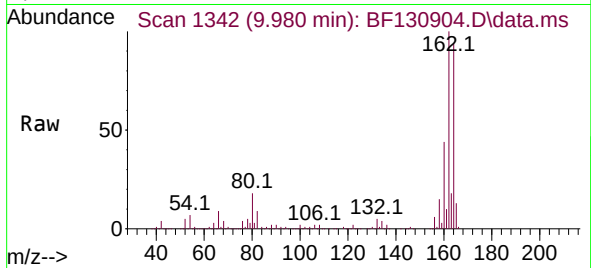




#51
2,6-Dinitrotoluene
Concen: 12.207 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

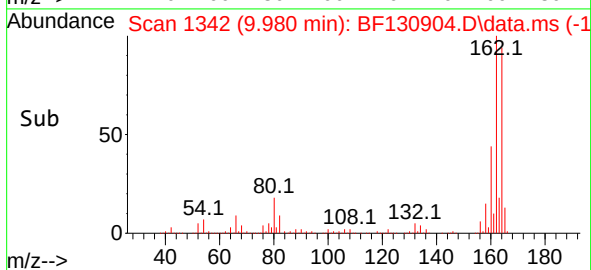
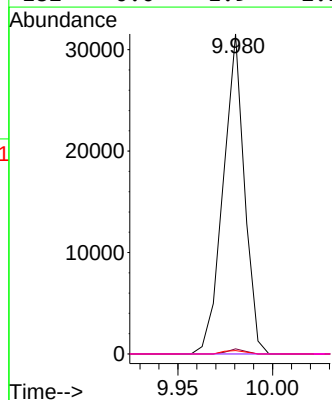
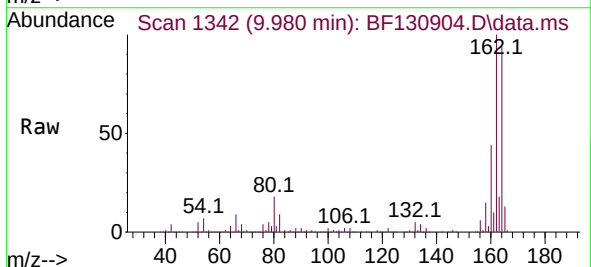
Instrument :
BNA_F
ClientSampleId :

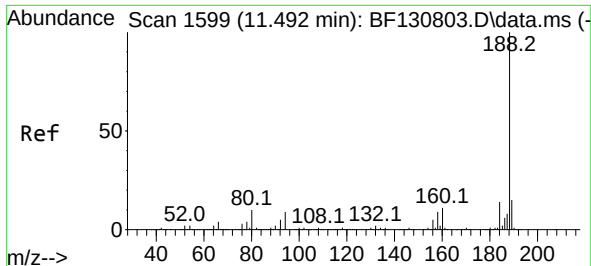
Tgt Ion:165 Resp: 24676
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 1.1 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.051 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Tgt Ion:165 Resp: 24676
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#

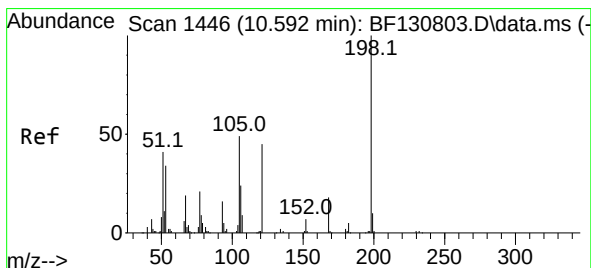
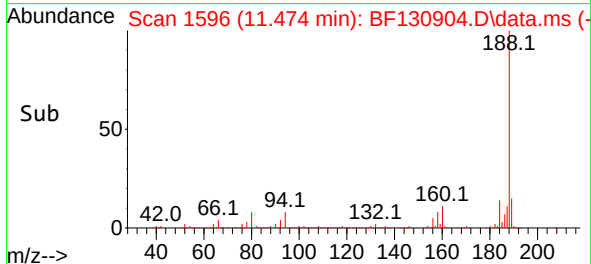
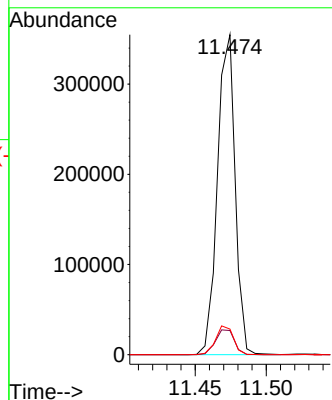
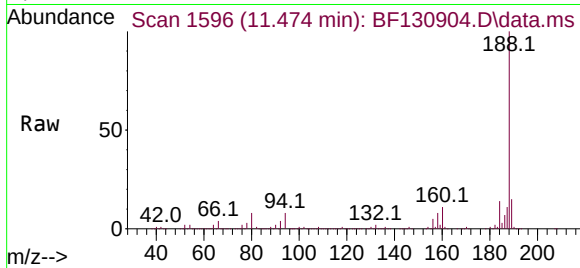




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

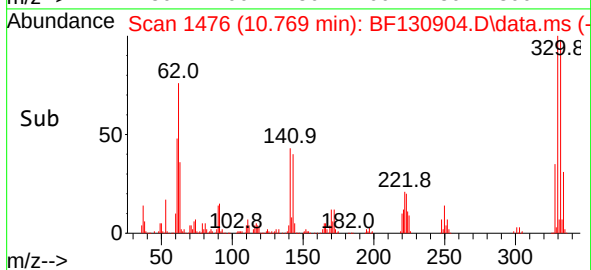
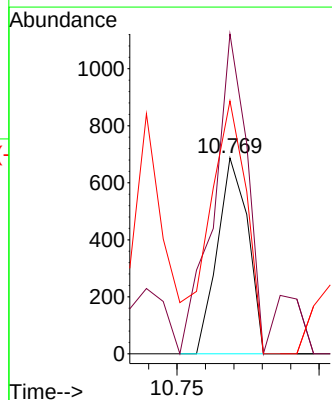
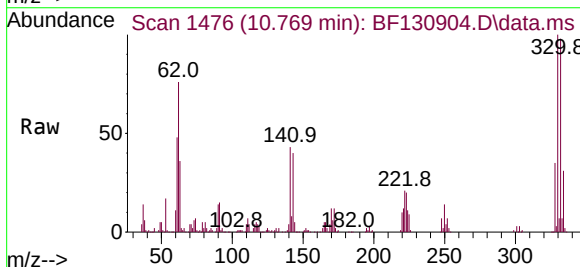
Instrument :
BNA_F
ClientSampleId :

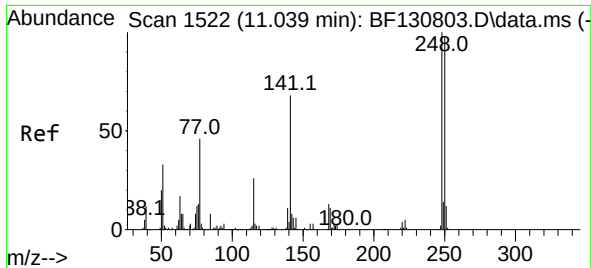
Tgt Ion:188 Resp: 306904
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.0 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.262 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.188 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

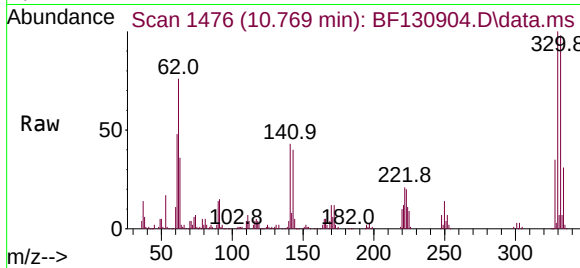
Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 163.3 39.0 79.0#
105 129.1 30.6 70.6#



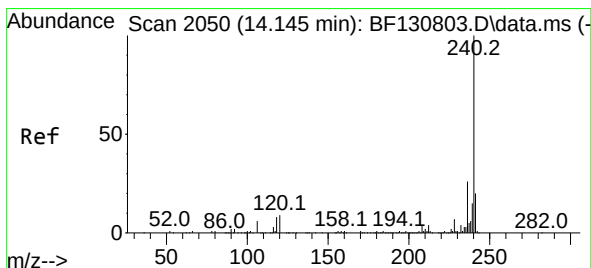
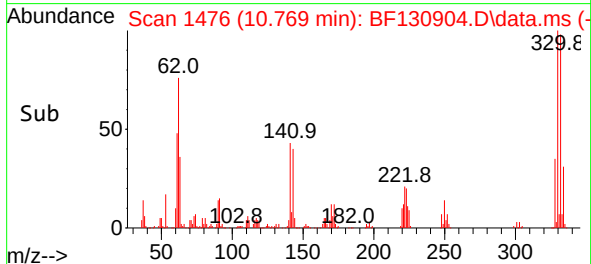
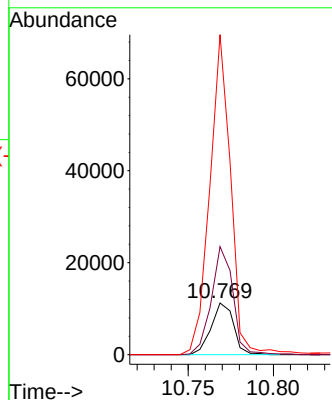


#67
4-Bromophenyl-phenylether
Concen: 3.336 ng
RT: 10.769 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

Instrument :
BNA_F
ClientSampleId :

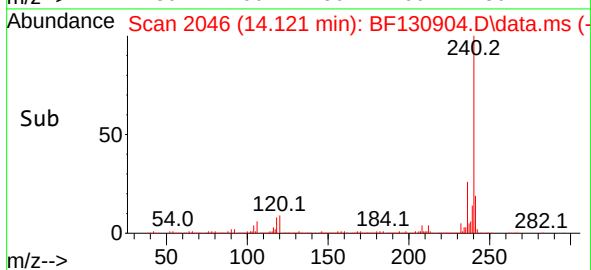
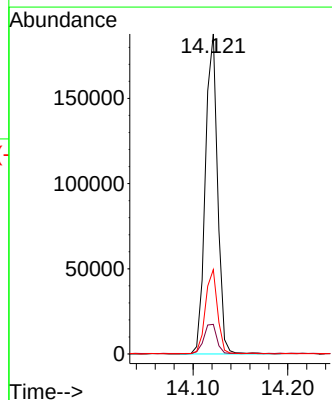
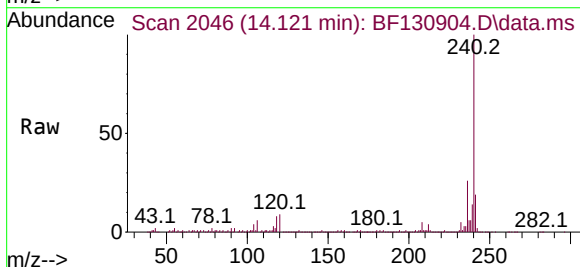


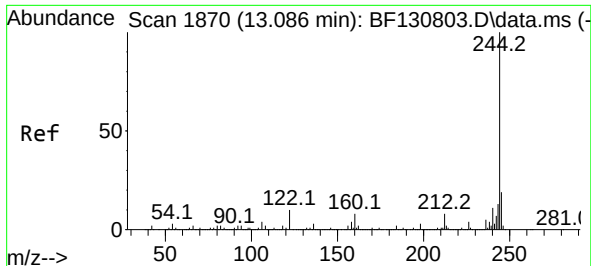
Tgt Ion:248 Resp: 10296
Ion Ratio Lower Upper
248 100
250 209.2 78.6 117.8#
141 619.5 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130904.D
Acq: 01 Nov 2022 17:14

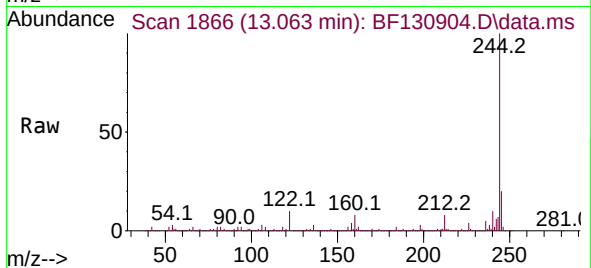
Tgt Ion:240 Resp: 168207
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.4 20.5 30.7



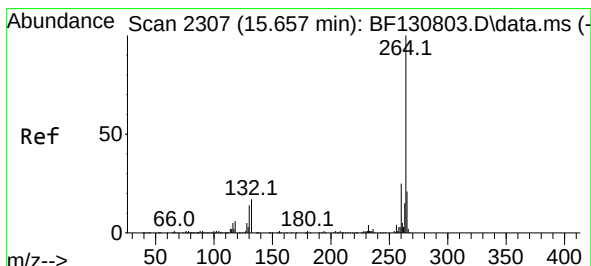
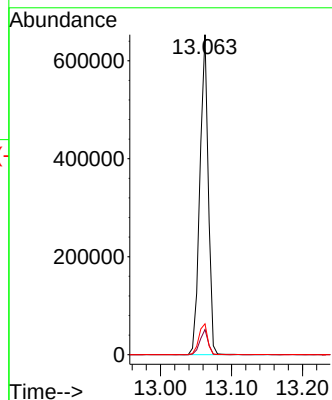
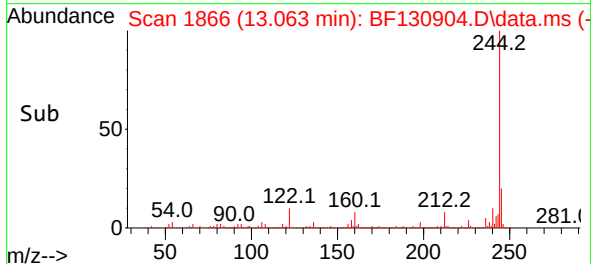


#79
 Terphenyl-d14
 Concen: 58.509 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF130904.D
 Acq: 01 Nov 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 537075
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.7 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: BF130904.D
 Acq: 01 Nov 2022 17:14

Tgt Ion:264 Resp: 161914
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.7 17.0 25.6

