

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130907.D
 Acq On : 01 Nov 2022 18:53
 Operator : CG\JU
 Sample : N5380-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:22:48 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)

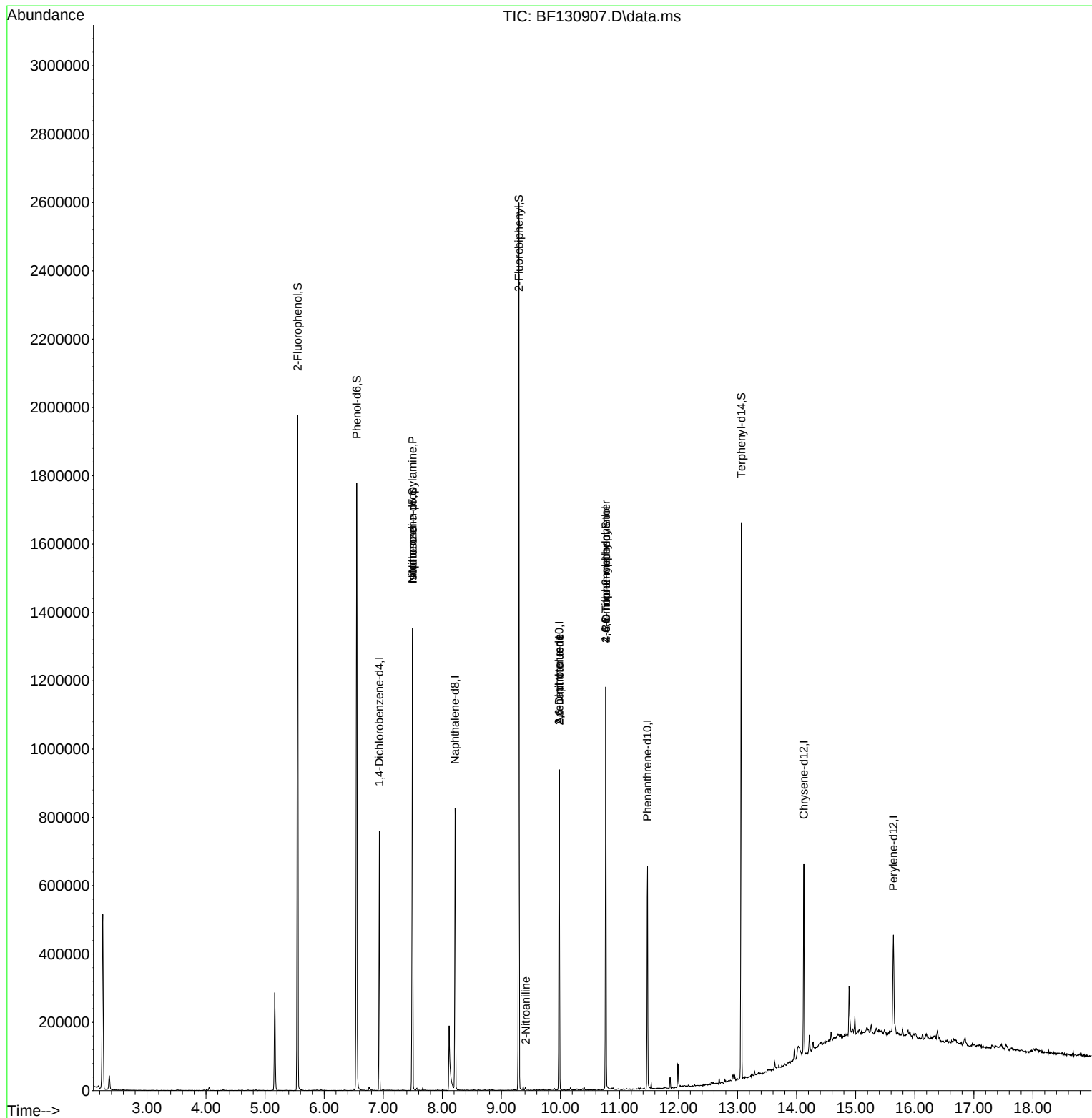
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	91971	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	342750	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	163354	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	228373	20.000	ng	0.00
76) Chrysene-d12	14.121	240	173791	20.000	ng	0.00
86) Perylene-d12	15.639	264	133120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	481335	90.729	ng	0.00
7) Phenol-d6	6.551	99	596649	86.545	ng	0.00
23) Nitrobenzene-d5	7.498	82	404738	71.204	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	113253	82.359	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	705658	65.310	ng	0.00
79) Terphenyl-d14	13.063	244	483533	50.984	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	56667	12.081	ng	# 75
25) Isophorone	7.498	82	403407	34.416	ng	# 66
48) 2-Nitroaniline	9.416	65	59	4.165	ng	# 12
51) 2,6-Dinitrotoluene	9.981	165	21401	12.239	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	21401	11.076	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.769	198	365	8.248	ng	# 1
67) 4-Bromophenyl-phenylether	10.769	248	7536	3.281	ng	# 1

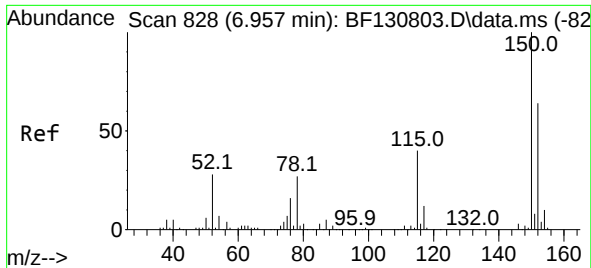
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130907.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

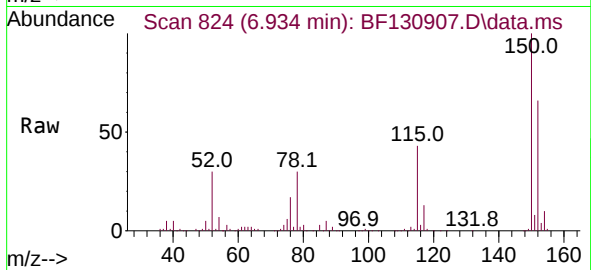
Quant Time: Nov 02 08:22:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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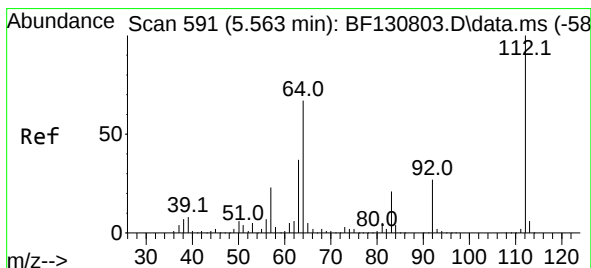
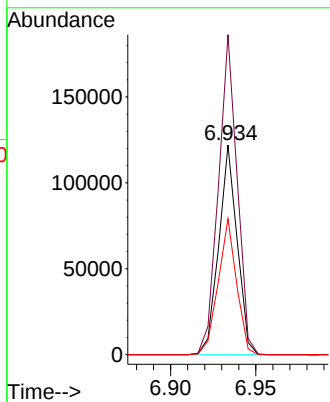
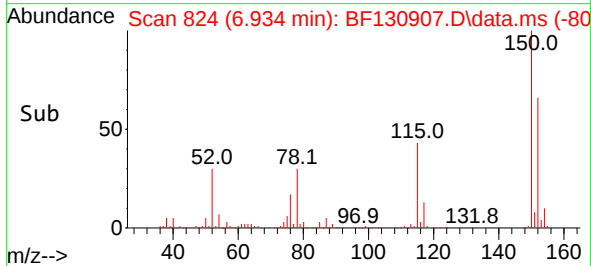


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

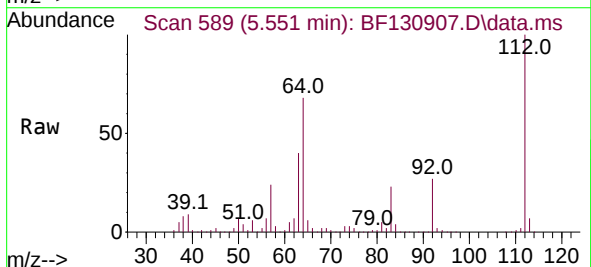
Instrument :
BNA_F
ClientSampleId :



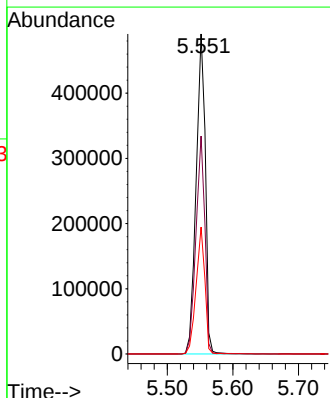
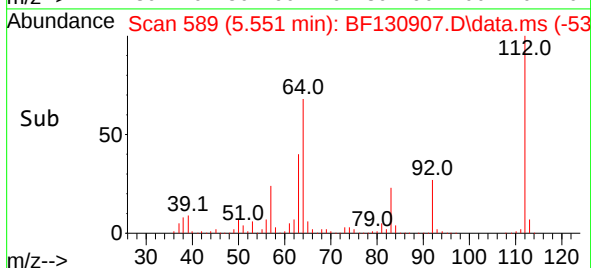
Tgt Ion:152 Resp: 91971
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 64.9 50.1 75.1

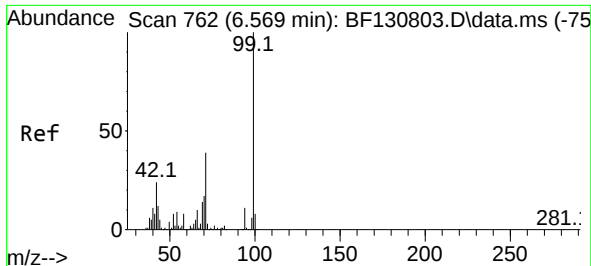


#5
2-Fluorophenol
Concen: 90.729 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.000 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53



Tgt Ion:112 Resp: 481335
Ion Ratio Lower Upper
112 100
64 68.1 53.9 80.9
63 39.6 29.4 44.2

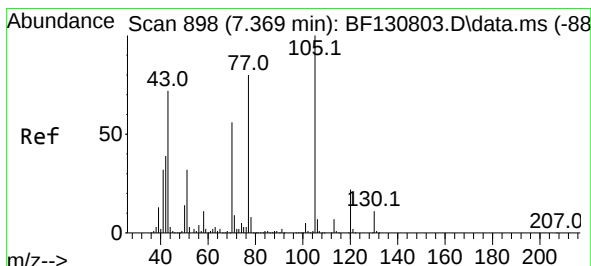
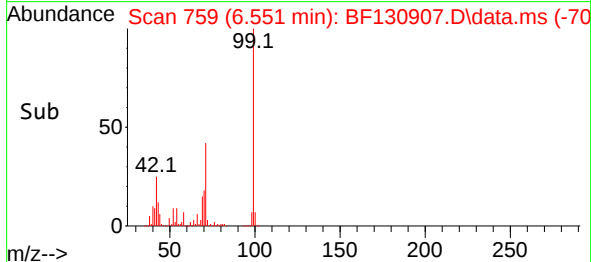
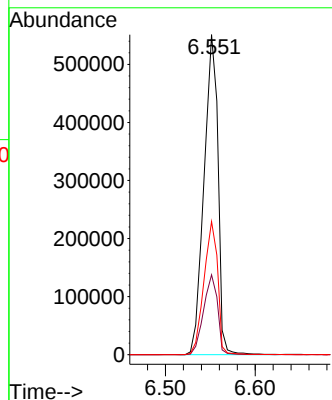
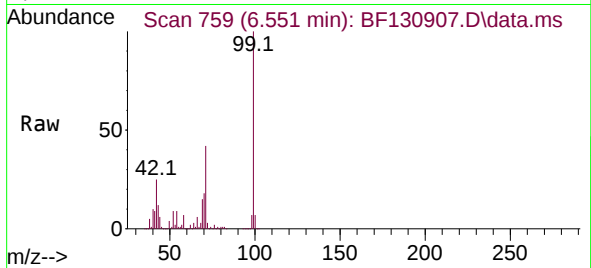




#7
Phenol-d6
Concen: 86.545 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

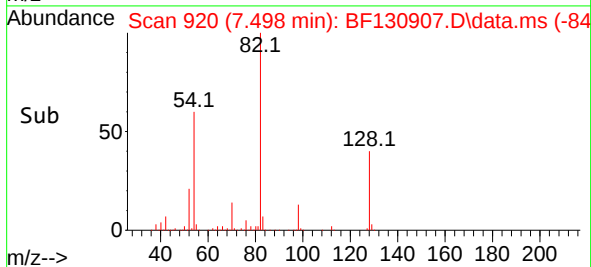
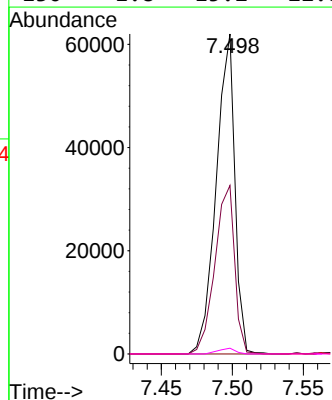
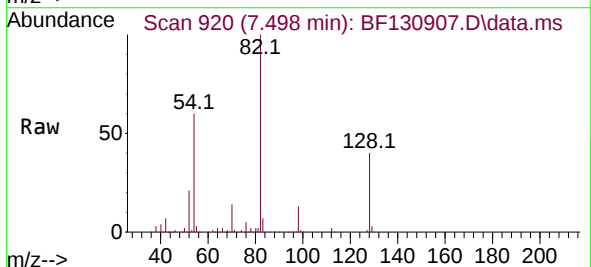
Instrument :
BNA_F
ClientSampleId :

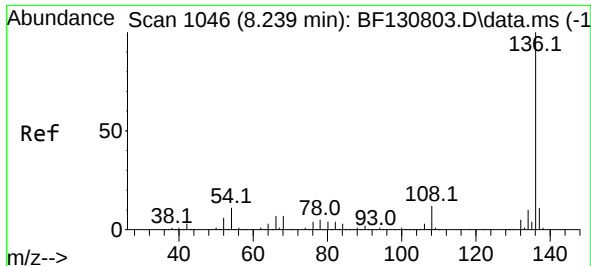
Tgt Ion: 99 Resp: 596649
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 41.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.081 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.147 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

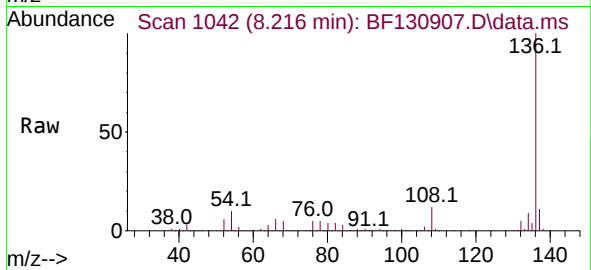
Tgt Ion: 70 Resp: 56667
Ion Ratio Lower Upper
70 100
42 52.7 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



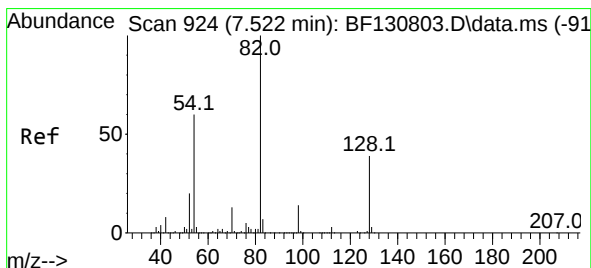
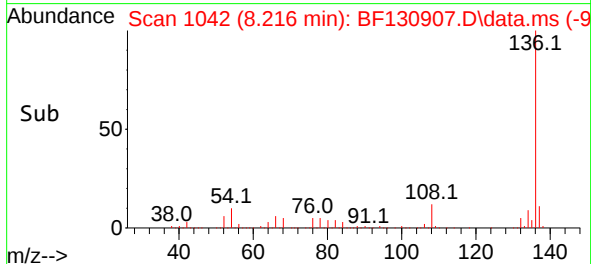
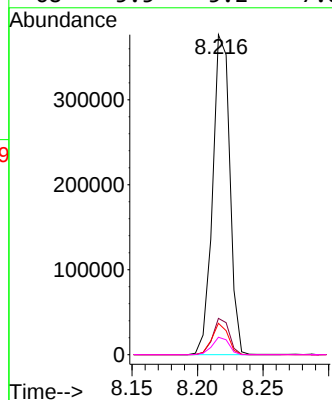


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Instrument :
BNA_F
ClientSampleId :

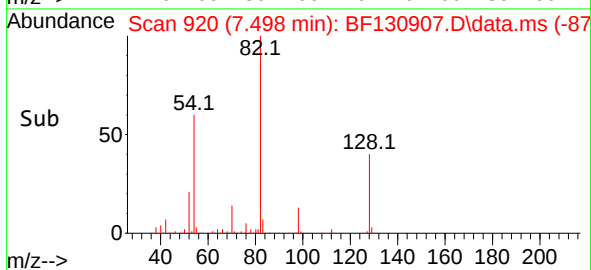
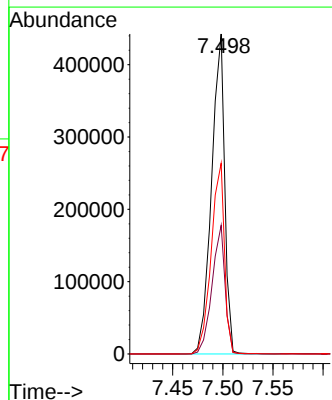
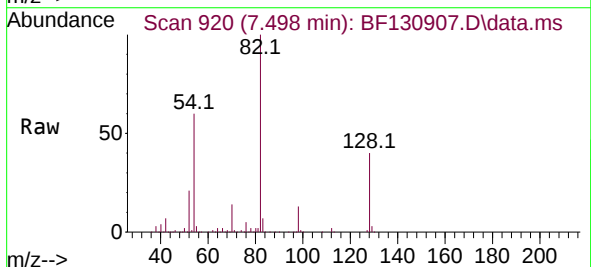


Tgt Ion:136	Resp: 342750
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 9.8	8.8 13.2
68 5.5	5.2 7.8



#23
Nitrobenzene-d5
Concen: 71.204 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

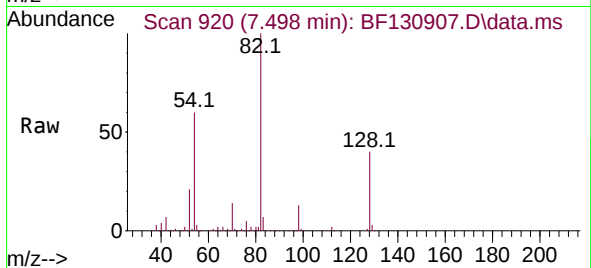
Tgt Ion: 82	Resp: 404738
Ion Ratio	Lower Upper
82 100	
128 40.2	31.2 46.8
54 59.6	48.0 72.0



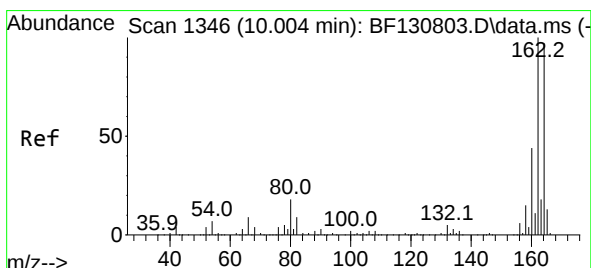
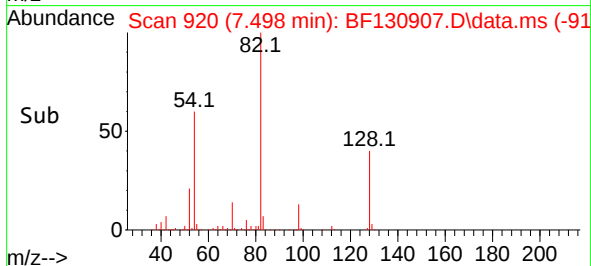
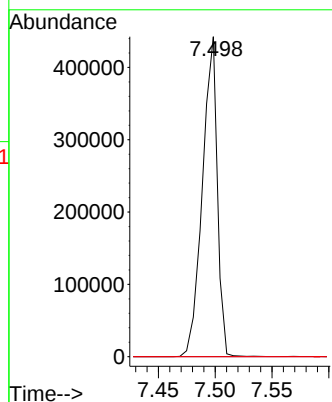


#25
Isophorone
Concen: 34.416 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Instrument :
BNA_F
ClientSampleId :

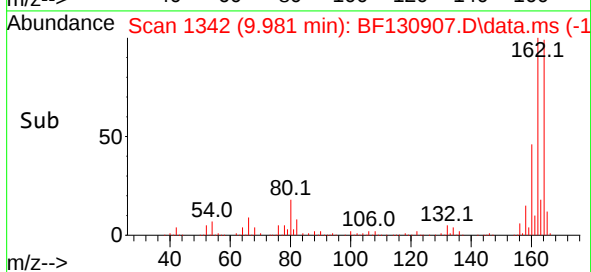
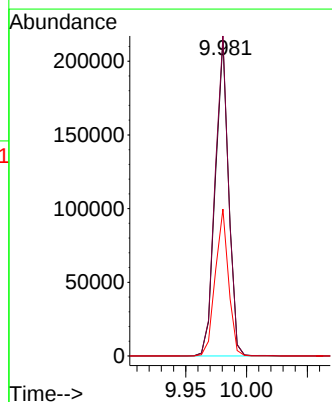
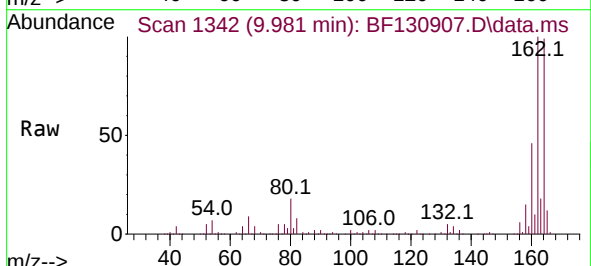


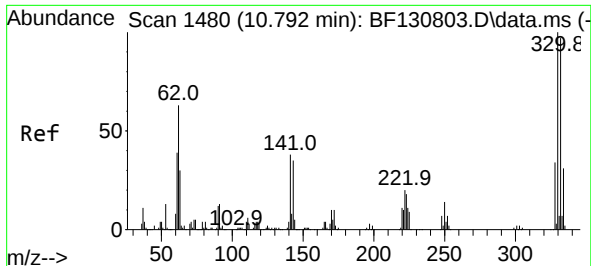
Tgt Ion: 82 Resp: 403407
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

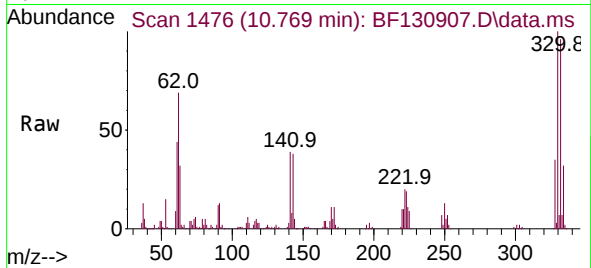
Tgt Ion: 164 Resp: 163354
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 46.5 36.6 54.8



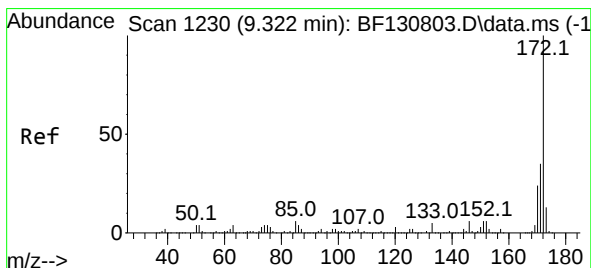
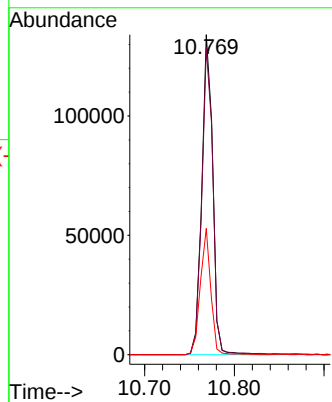
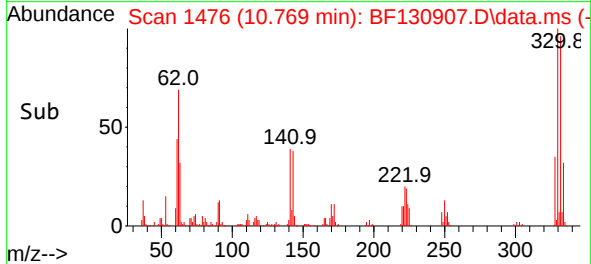


#42
2,4,6-Tribromophenol
Concen: 82.359 ng
RT: 10.769 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

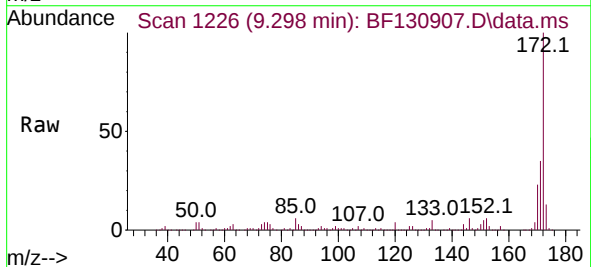
Instrument :
BNA_F
ClientSampleId :



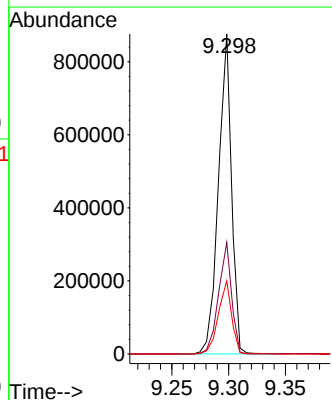
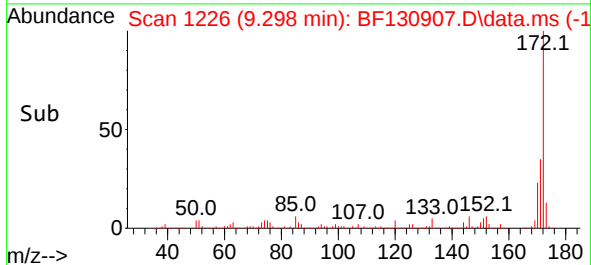
Tgt Ion:330 Resp: 113253
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 37.9 31.4 47.0

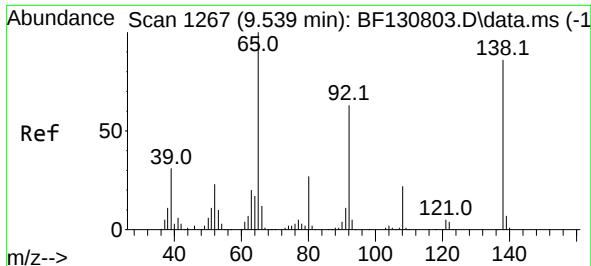


#45
2-Fluorobiphenyl
Concen: 65.310 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53



Tgt Ion:172 Resp: 705658
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.9 19.0 28.4

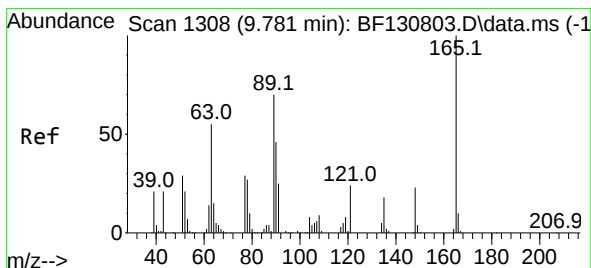
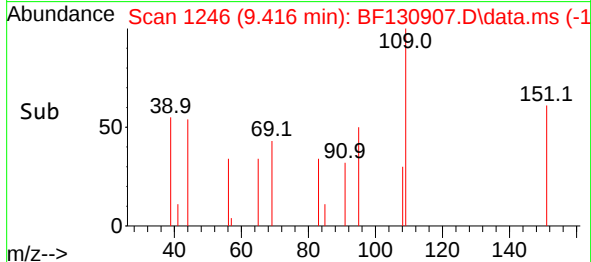
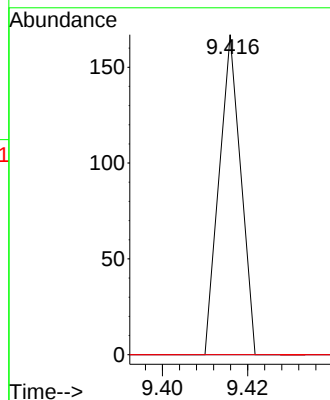
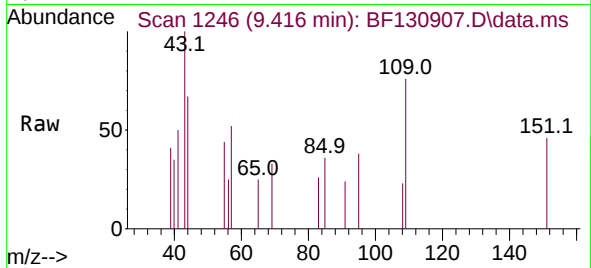




#48
2-Nitroaniline
Concen: 4.165 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

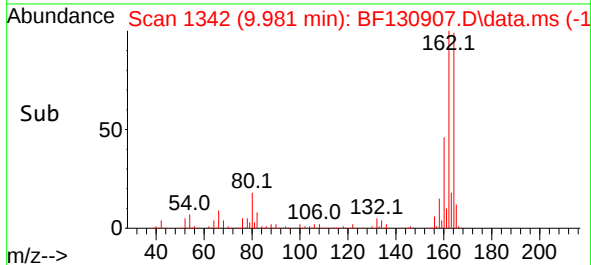
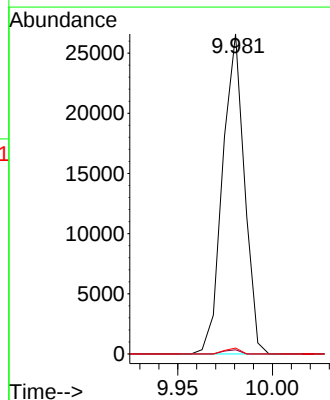
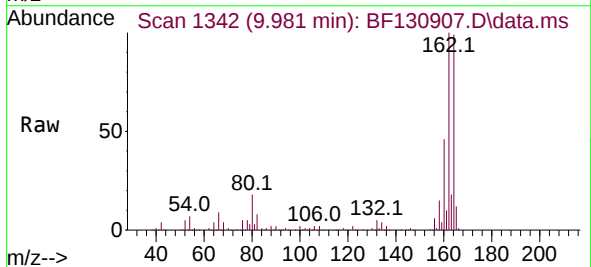
Instrument :
BNA_F
ClientSampleId :

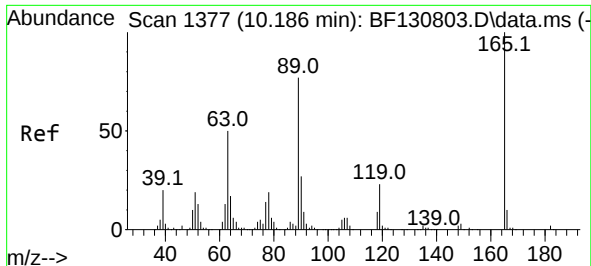
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.239 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

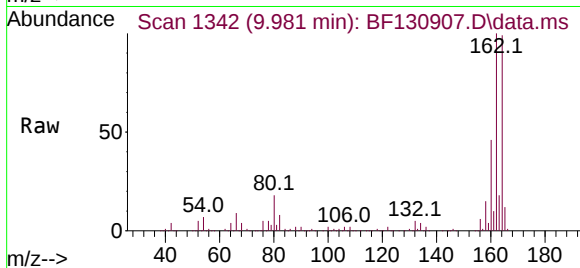
Tgt Ion: 165 Resp: 21401
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.9 56.2 84.4#



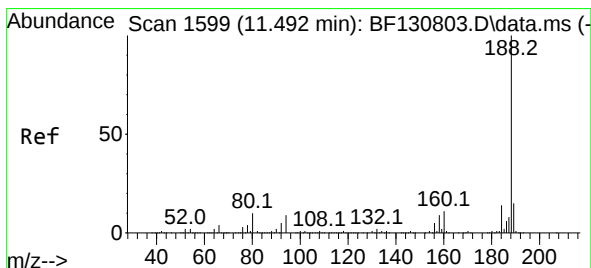
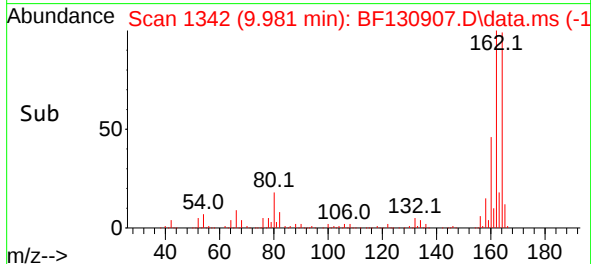
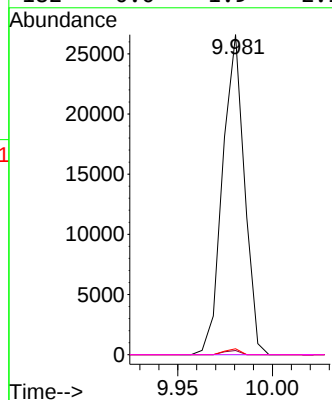


#57
2,4-Dinitrotoluene
Concen: 11.076 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Instrument :
BNA_F
ClientSampleId :

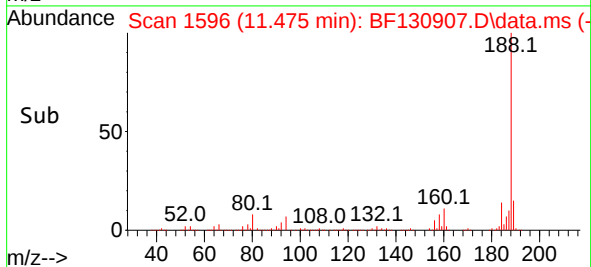
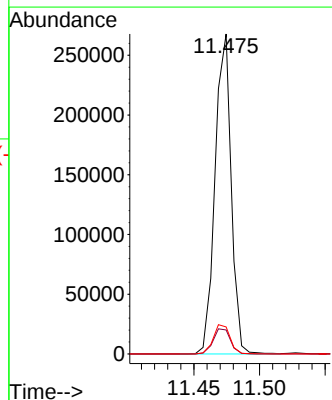
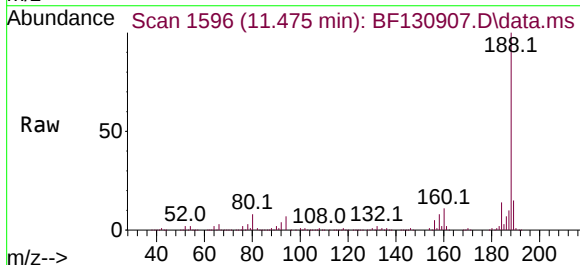


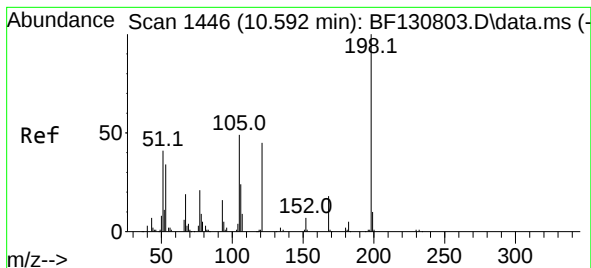
Tgt Ion:165 Resp: 21401
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Tgt Ion:188 Resp: 228373
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.5 8.0 12.0

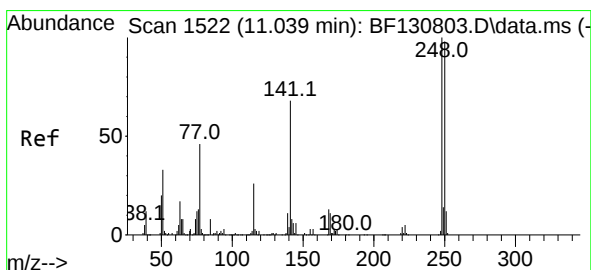
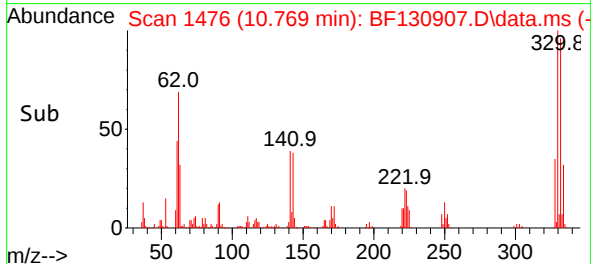
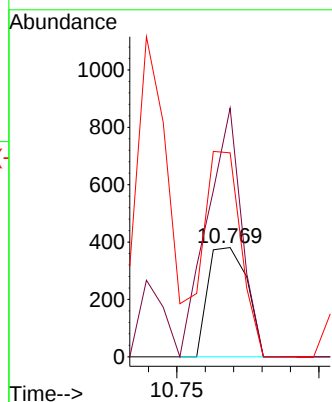
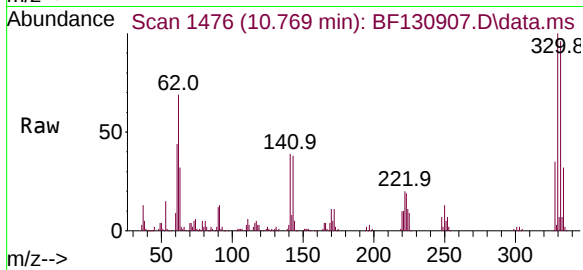




#65
4,6-Dinitro-2-methylphenol
Concen: 8.248 ng
RT: 10.769 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

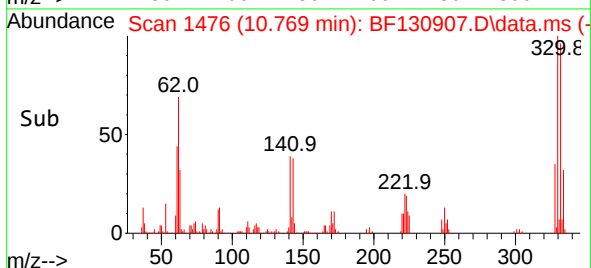
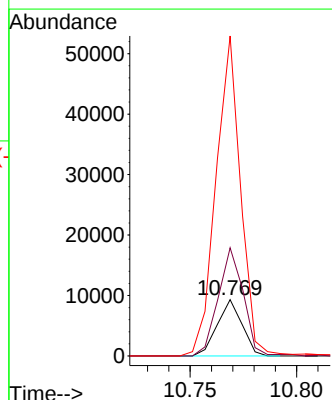
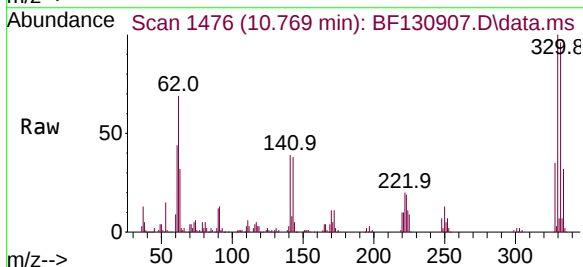
Instrument :
BNA_F
ClientSampleId :

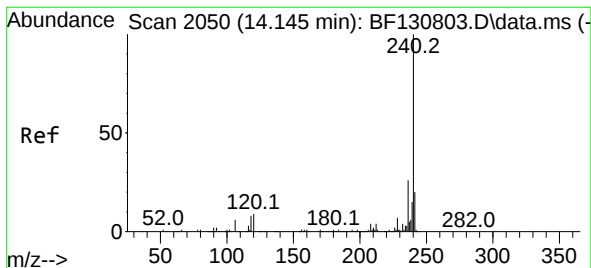
Tgt Ion:198 Resp: 365
Ion Ratio Lower Upper
198 100
51 227.6 39.0 79.0#
105 186.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.281 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.253 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Tgt Ion:248 Resp: 7536
Ion Ratio Lower Upper
248 100
250 191.8 78.6 117.8#
141 567.9 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF130907.D

Acq: 01 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

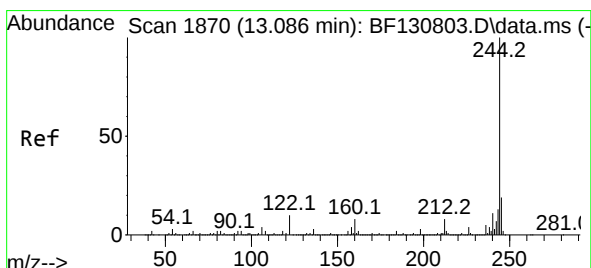
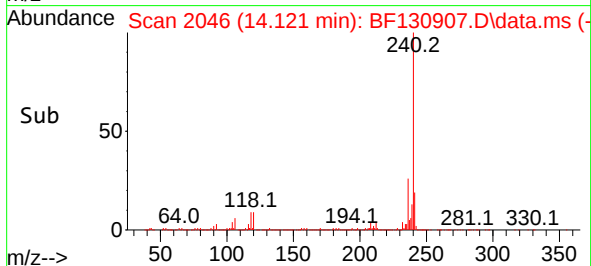
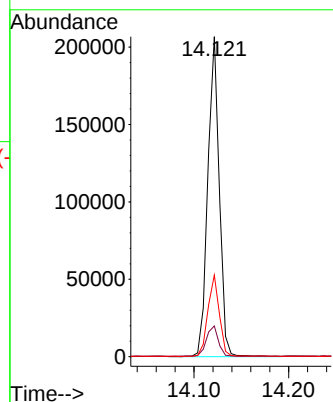
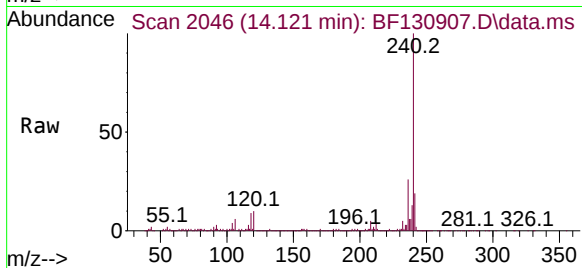
Tgt Ion:240 Resp: 173791

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 50.984 ng

RT: 13.063 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BF130907.D

Acq: 01 Nov 2022 18:53

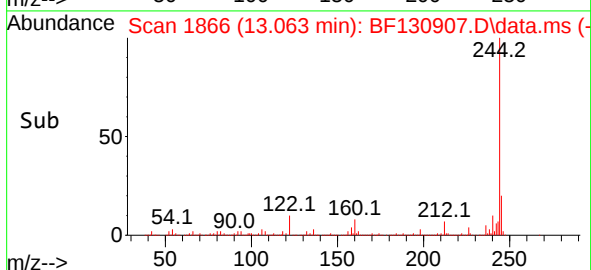
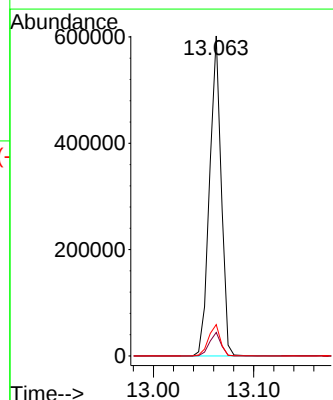
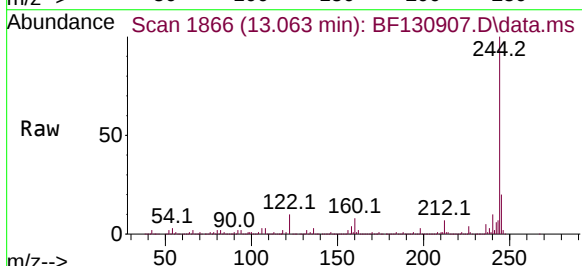
Tgt Ion:244 Resp: 483533

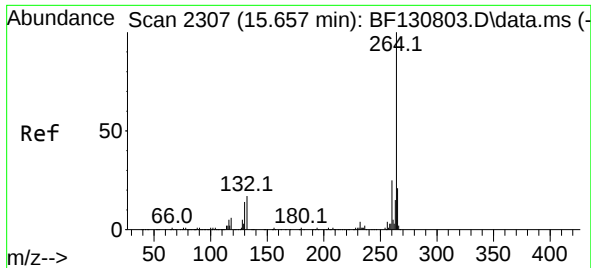
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

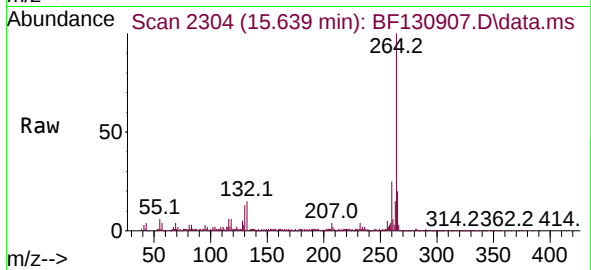
122 9.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130907.D
Acq: 01 Nov 2022 18:53

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:	264	Resp:	133120
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	19.9	17.0	25.6

