

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130934.D
 Acq On : 02 Nov 2022 17:05
 Operator : CG\JU
 Sample : N5396-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

Quant Time: Nov 03 03:44:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

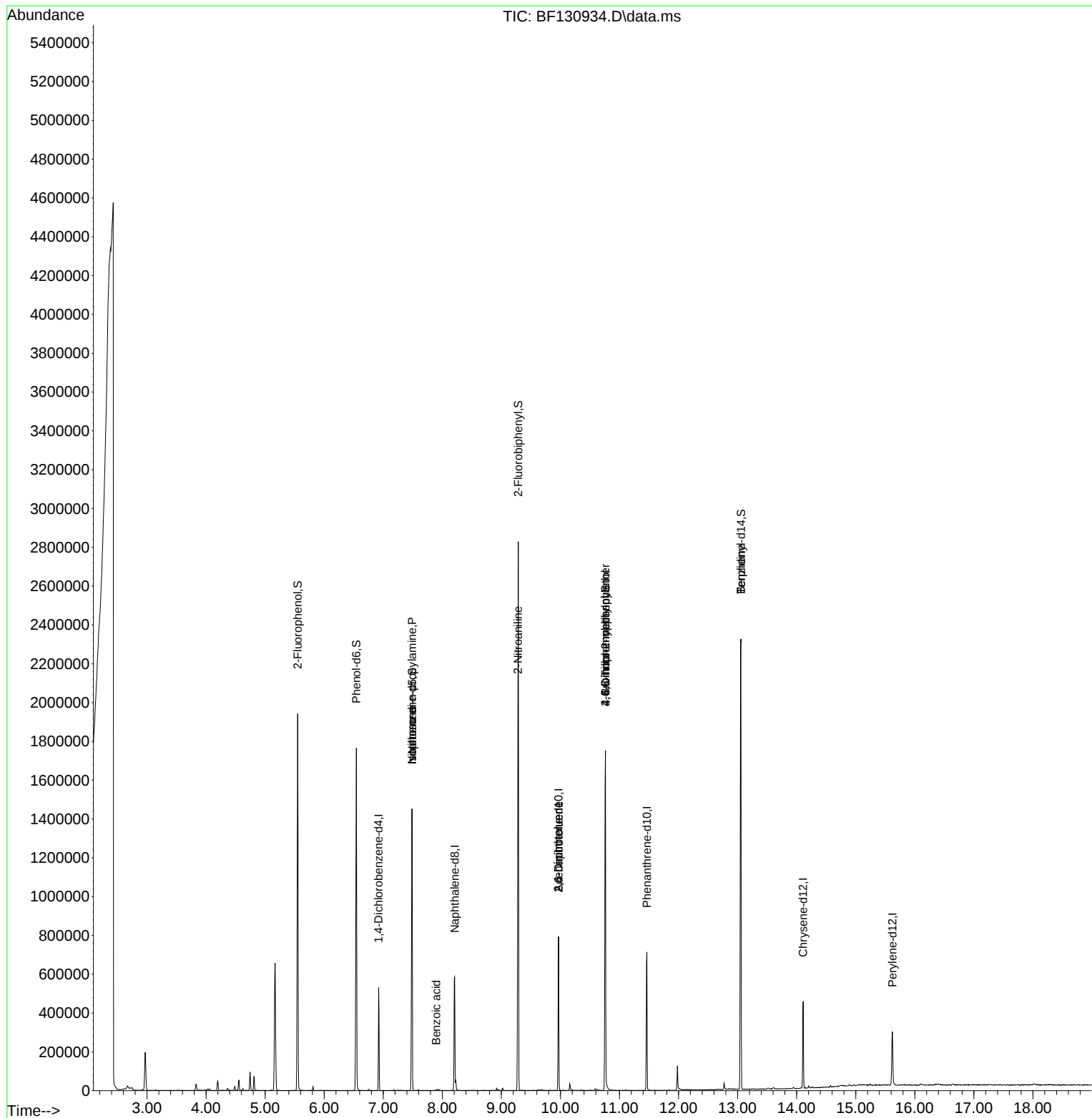
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	67667	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	256646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	142079	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	256449	20.000	ng	0.00
76) Chrysene-d12	14.110	240	143959	20.000	ng	-0.01
86) Perylene-d12	15.621	264	127595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	474619	121.596	ng	0.01
7) Phenol-d6	6.545	99	538245	106.116	ng	0.00
23) Nitrobenzene-d5	7.486	82	463364	108.867	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	207203	173.244	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	843113	89.717	ng	0.00
79) Terphenyl-d14	13.057	244	843111	107.320	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	64918	18.811	ng	# 79
25) Isophorone	7.486	82	463290	52.785	ng	# 66
32) Benzoic acid	7.898	122	1095	8.034	ng	92
48) 2-Nitroaniline	9.280	65	1873	4.803	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	18289	12.075	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	18289	10.947	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.763	198	622	8.413	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	13455	5.217	ng	# 1
77) Benzidine	13.057	184	13330	3.814	ng	# 92

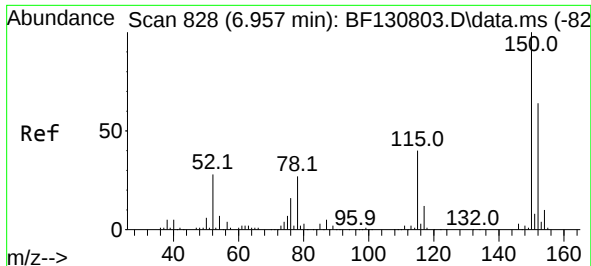
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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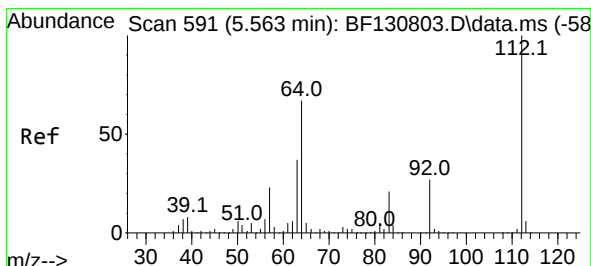
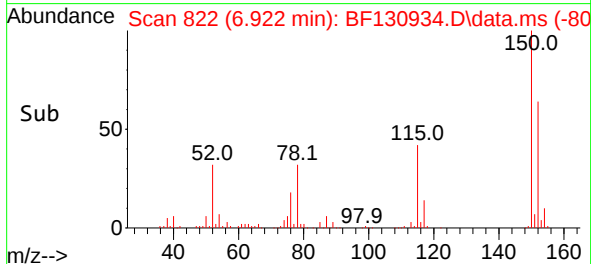
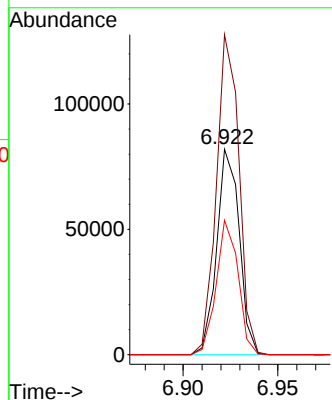
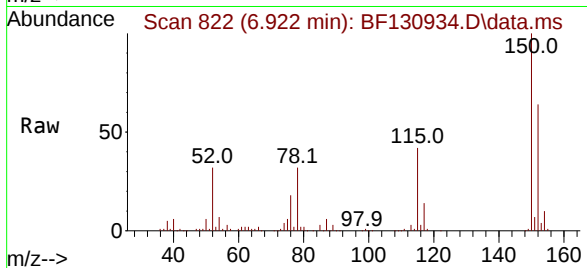




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

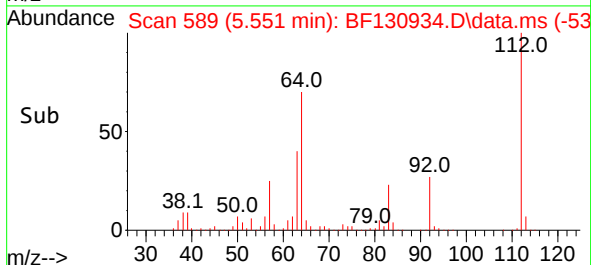
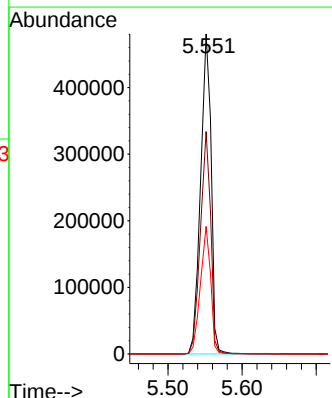
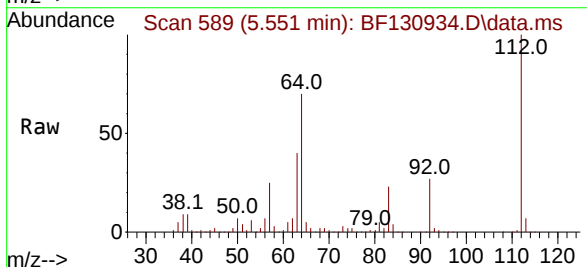
Instrument :
BNA_F
ClientSampleId :
TP-H

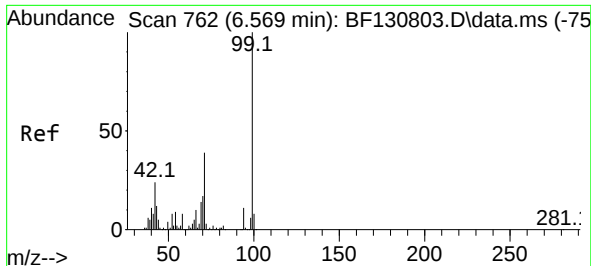
Tgt Ion:152 Resp: 67667
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 65.4 50.1 75.1



#5
2-Fluorophenol
Concen: 121.596 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion:112 Resp: 474619
Ion Ratio Lower Upper
112 100
64 69.5 53.9 80.9
63 39.9 29.4 44.2

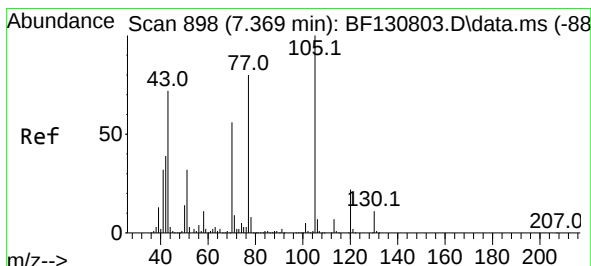
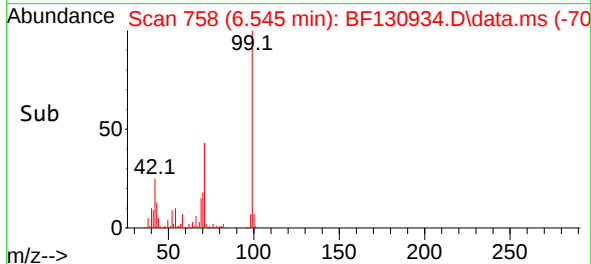
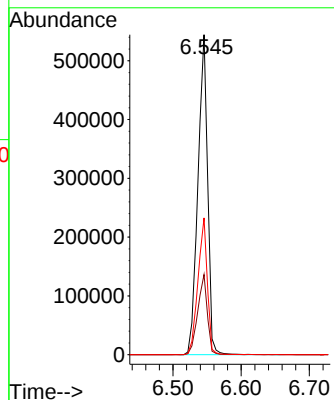
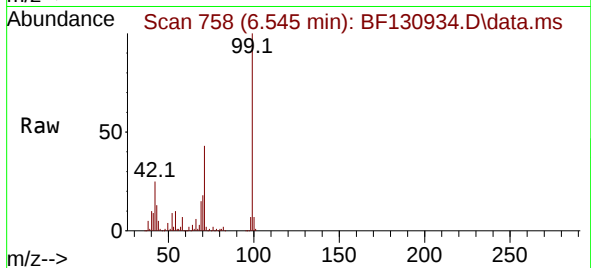




#7
Phenol-d6
Concen: 106.116 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

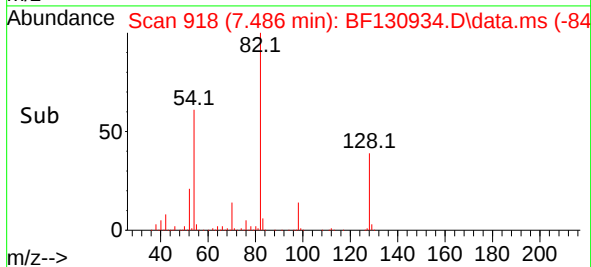
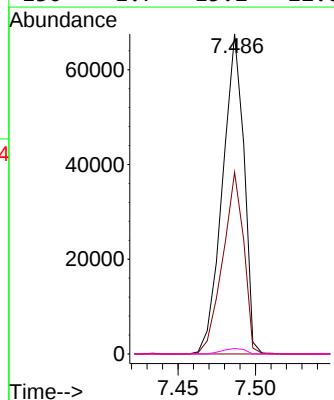
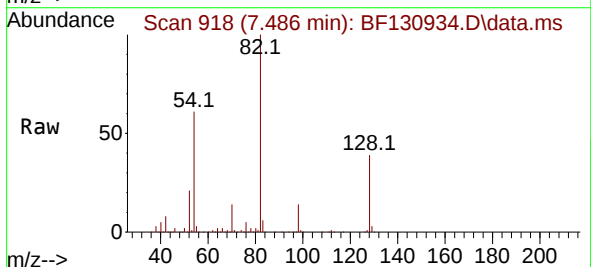
Instrument :
BNA_F
ClientSampleId :
TP-H

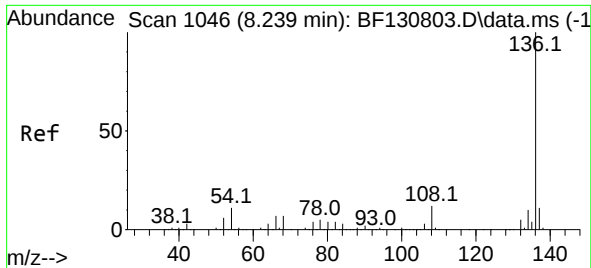
Tgt Ion: 99 Resp: 538245
Ion Ratio Lower Upper
99 100
42 25.0 18.8 28.2
71 42.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.811 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion: 70 Resp: 64918
Ion Ratio Lower Upper
70 100
42 56.8 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

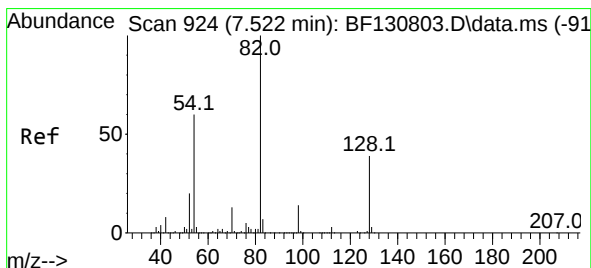
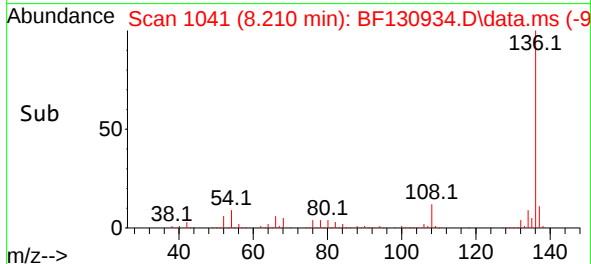
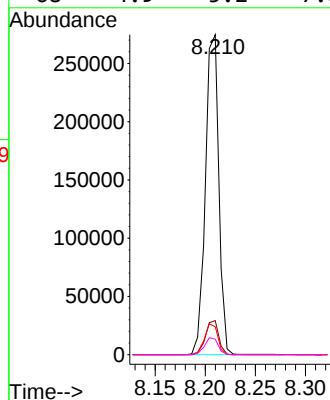
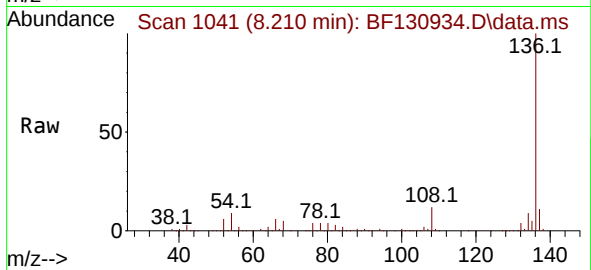




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

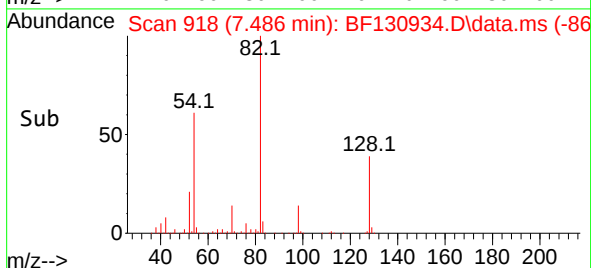
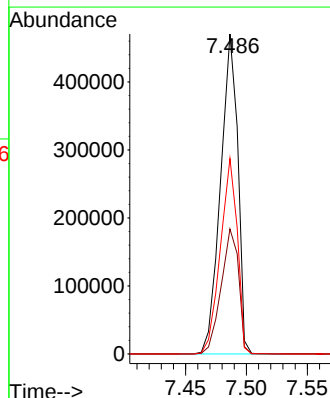
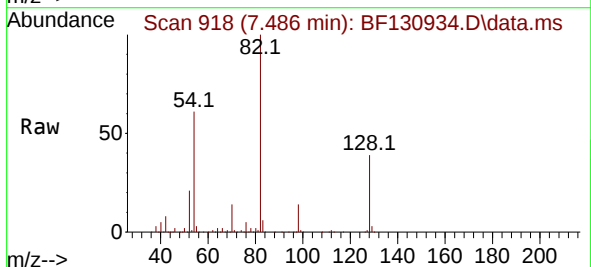
Instrument :
BNA_F
ClientSampleId :
TP-H

Tgt Ion:136 Resp: 256646
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.8 8.8 13.2#
68 4.9 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 108.867 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion: 82 Resp: 463364
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 61.1 48.0 72.0

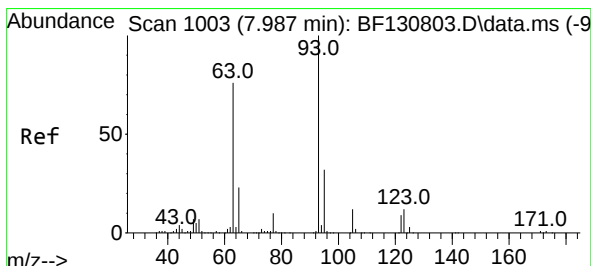
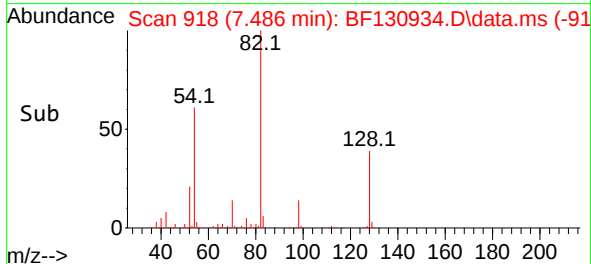
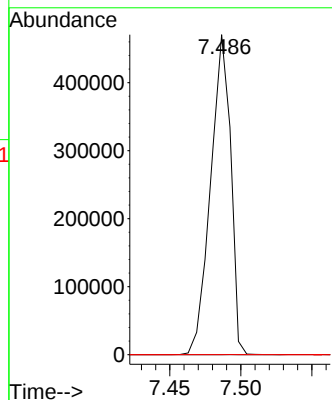
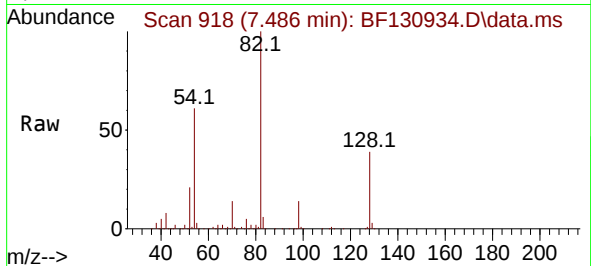




#25
Isophorone
Concen: 52.785 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

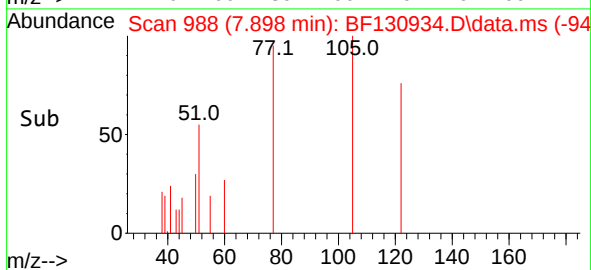
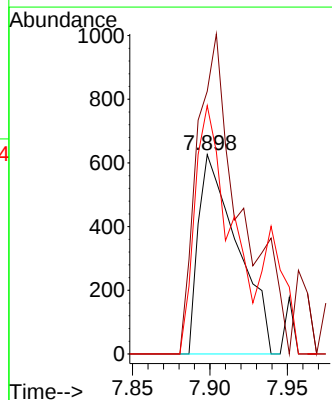
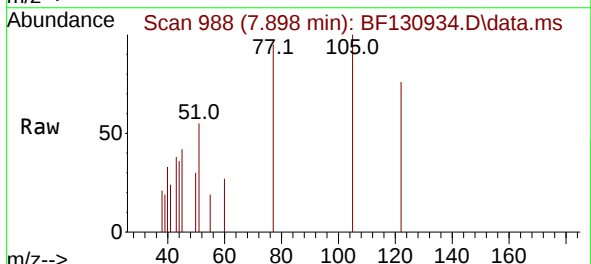
Instrument :
BNA_F
ClientSampleId :
TP-H

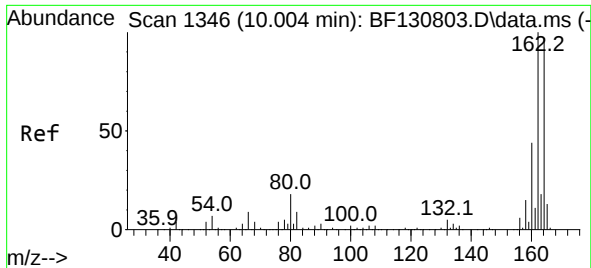
Tgt Ion: 82 Resp: 463290
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 8.034 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.071 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion: 122 Resp: 1095
Ion Ratio Lower Upper
122 100
105 131.8 114.5 154.5
77 124.6 89.8 129.8

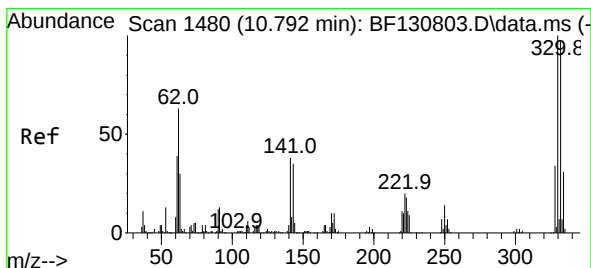
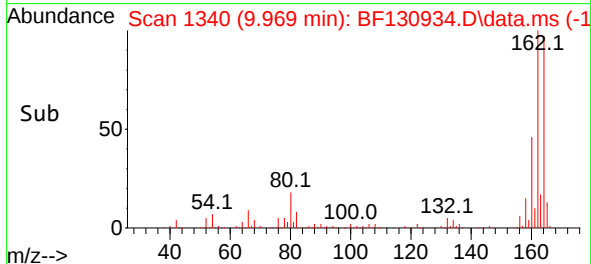
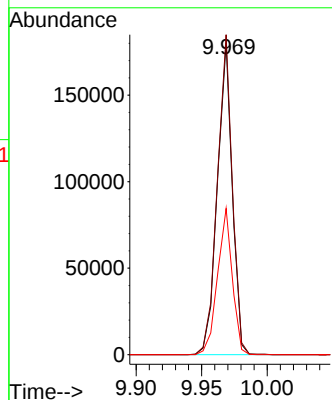
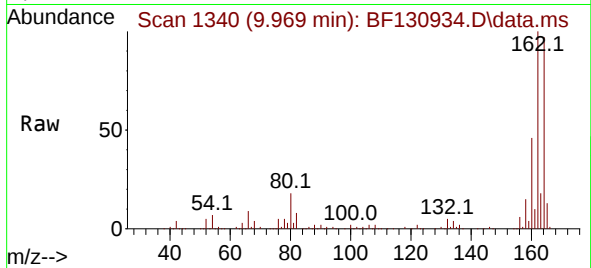




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

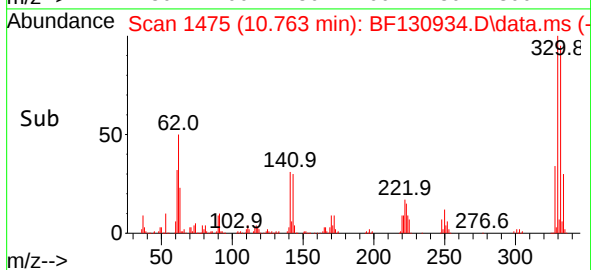
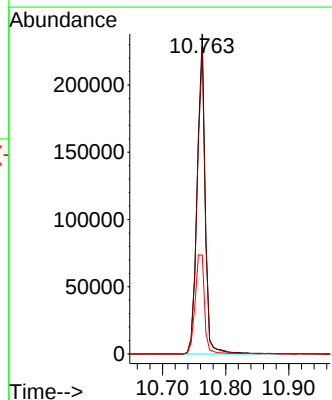
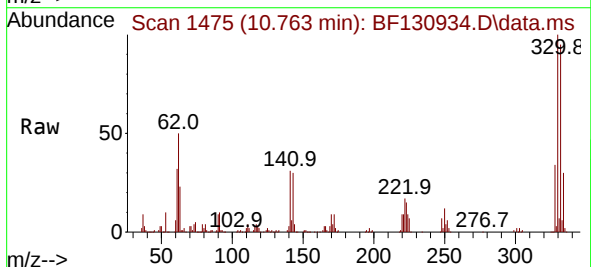
Instrument :
BNA_F
ClientSampleId :
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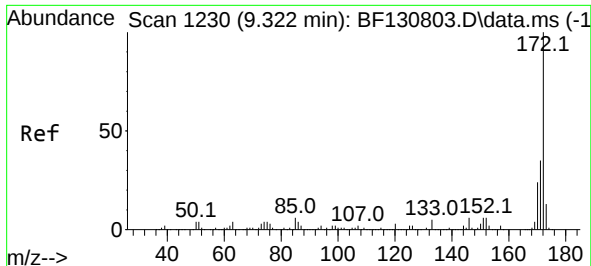
Tgt Ion:164 Resp: 142079
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 47.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 173.244 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion:330 Resp: 207203
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 36.8 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 89.717 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130934.D

Acq: 02 Nov 2022 17:05

Instrument :

BNA_F

ClientSampleId :

TP-H

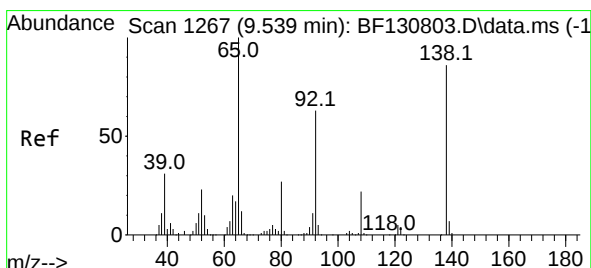
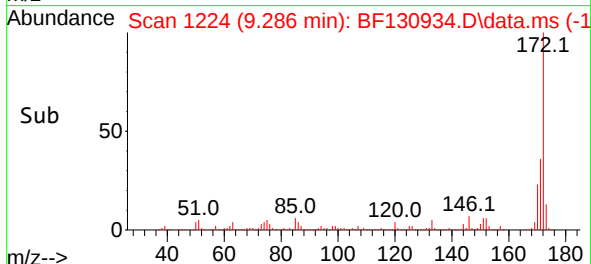
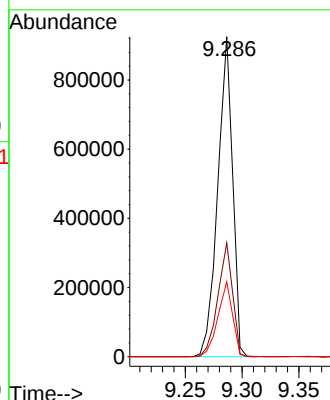
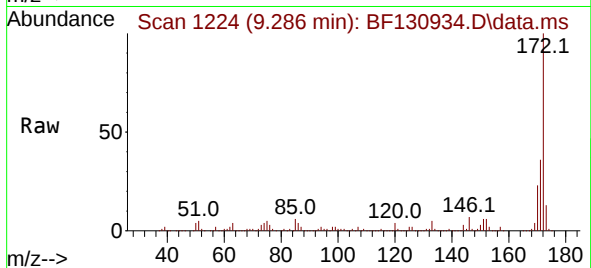
Tgt Ion:172 Resp: 843113

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.803 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.235 min

Lab File: BF130934.D

Acq: 02 Nov 2022 17:05

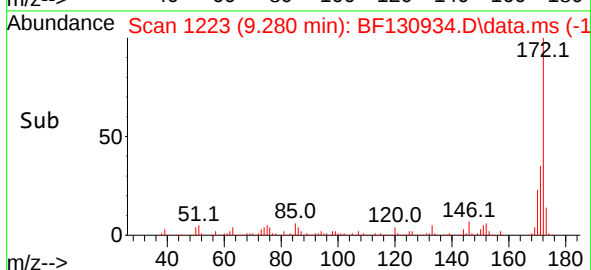
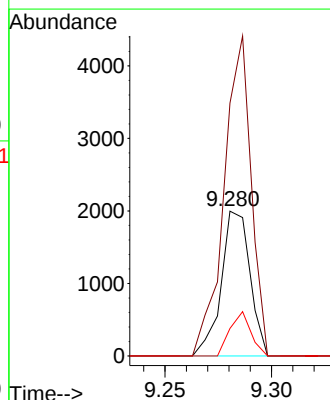
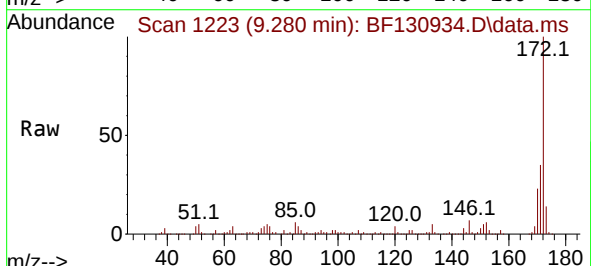
Tgt Ion: 65 Resp: 1873

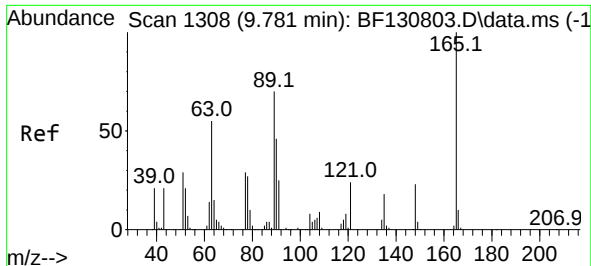
Ion Ratio Lower Upper

65 100

92 174.6 50.1 75.1#

138 19.0 69.2 103.8#

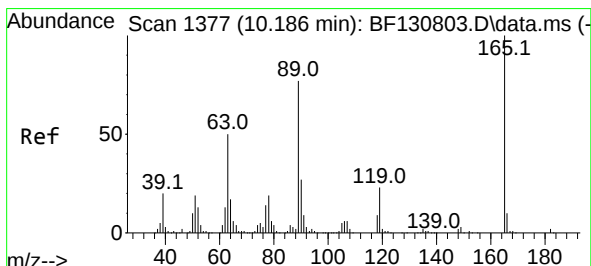
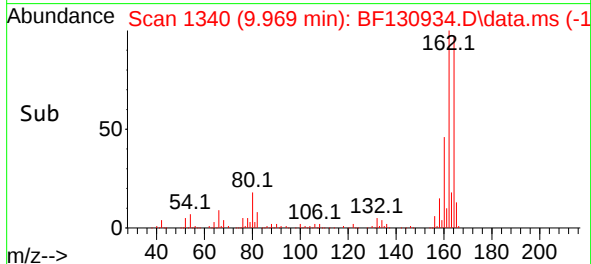
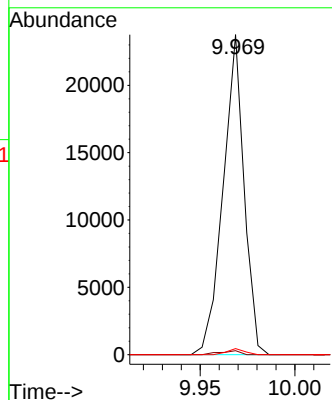
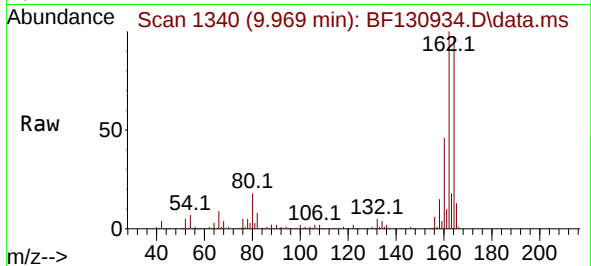




#51
2,6-Dinitrotoluene
Concen: 12.075 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

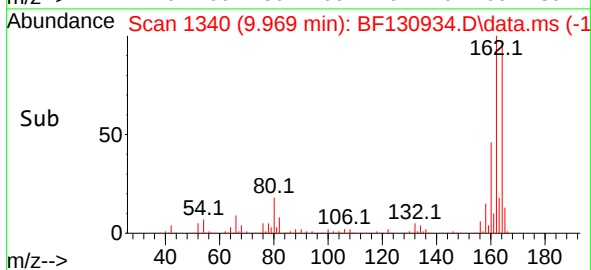
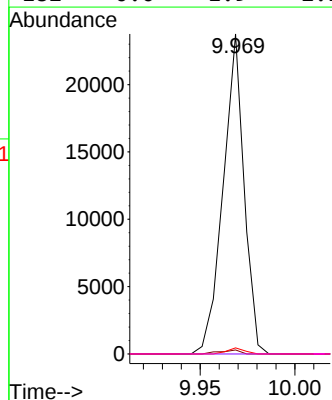
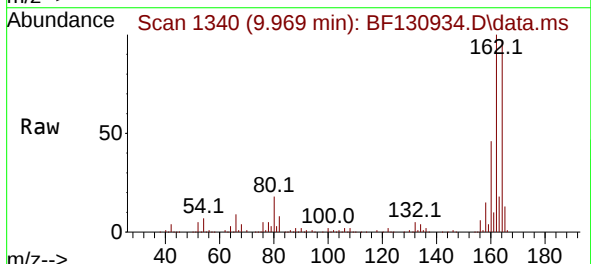
Instrument :
BNA_F
ClientSampleId :
TP-H

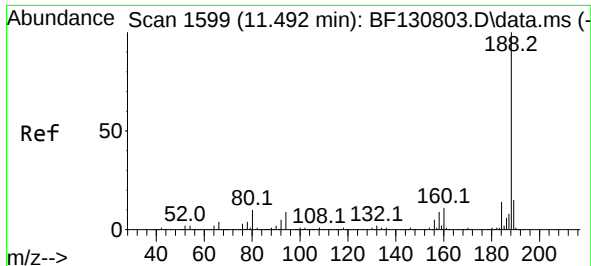
Tgt Ion:165 Resp: 18289
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.9 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.947 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.194 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion:165 Resp: 18289
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#

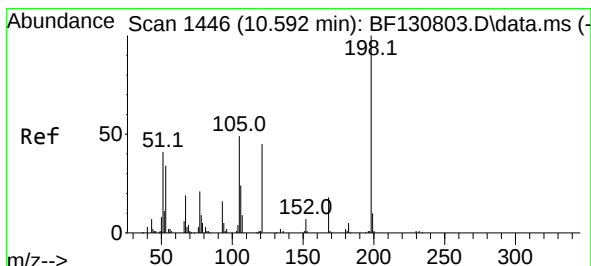
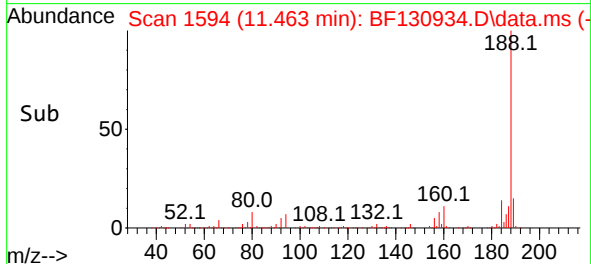
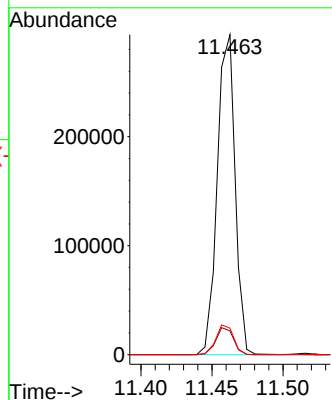
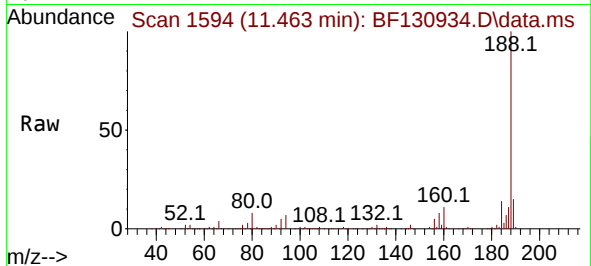




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

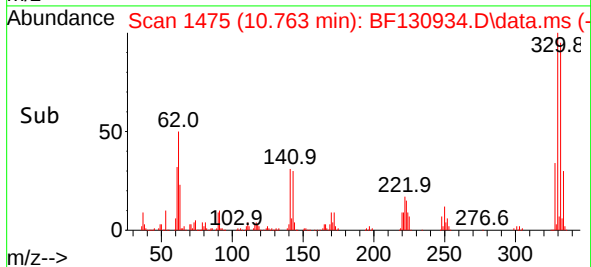
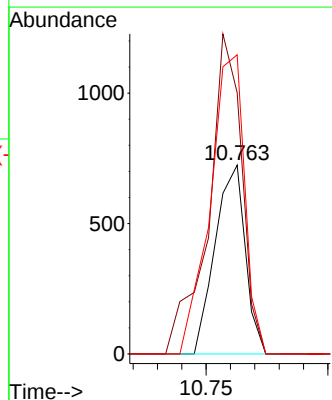
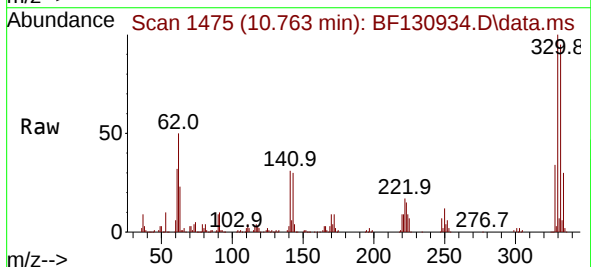
Instrument :
BNA_F
ClientSampleId :
TP-H

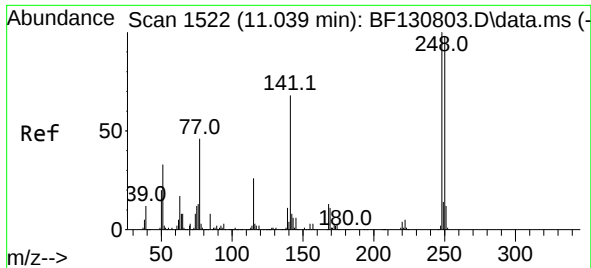
Tgt Ion:188 Resp: 256449
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.413 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.194 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion:198 Resp: 622
Ion Ratio Lower Upper
198 100
51 138.4 39.0 79.0#
105 158.4 30.6 70.6#

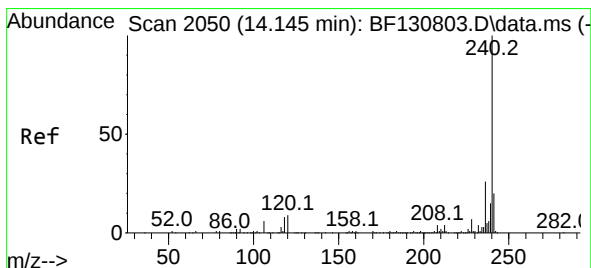
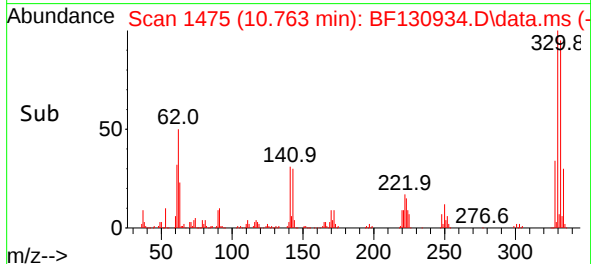
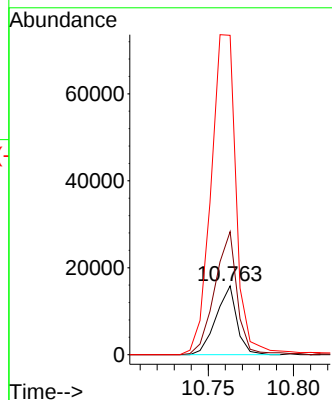
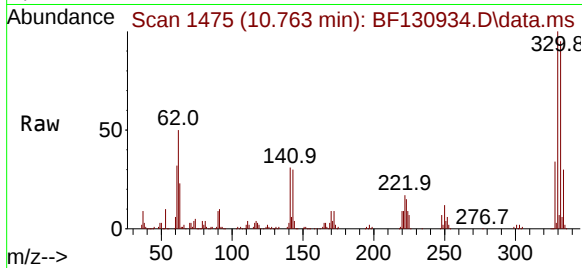




#67
4-Bromophenyl-phenylether
Concen: 5.217 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

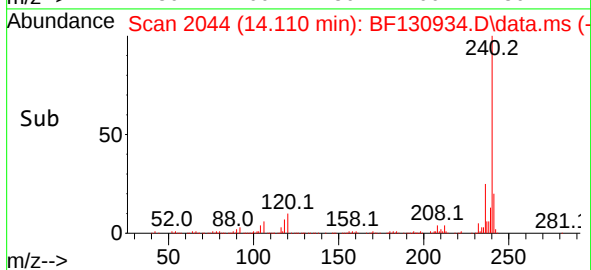
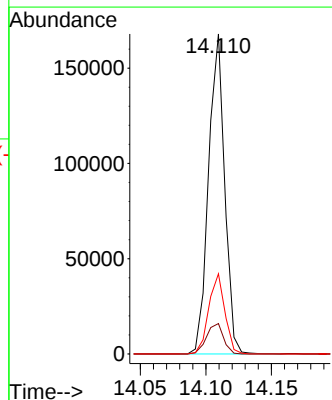
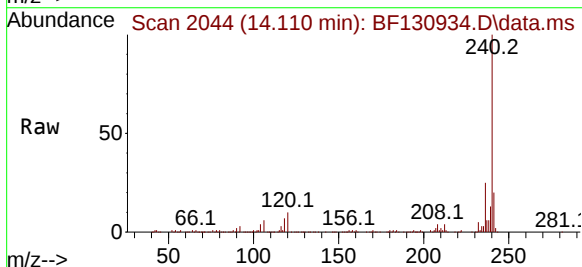
Instrument :
BNA_F
ClientSampleId :
TP-H

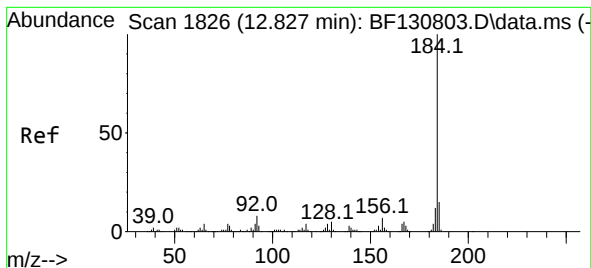
Tgt Ion:248 Resp: 13455
Ion Ratio Lower Upper
248 100
250 178.7 78.6 117.8#
141 464.2 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Tgt Ion:240 Resp: 143959
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 25.1 20.5 30.7





#77

Benzidine

Concen: 3.814 ng

RT: 13.057 min Scan# 1865

Delta R.T. 0.253 min

Lab File: BF130934.D

Acq: 02 Nov 2022 17:05

Instrument :

BNA_F

ClientSampleId :

TP-H

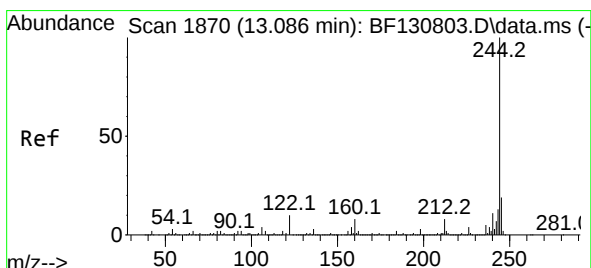
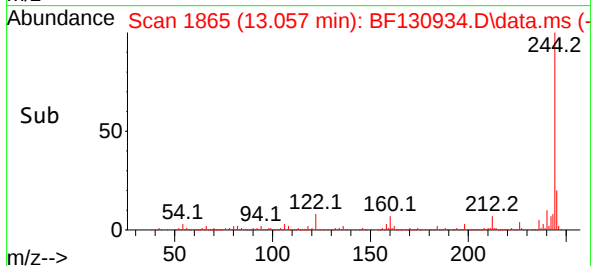
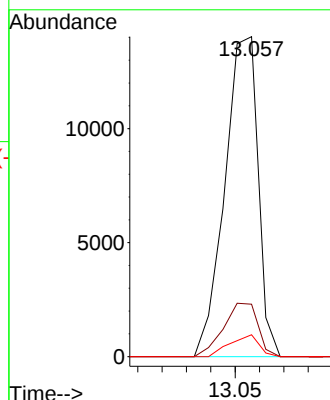
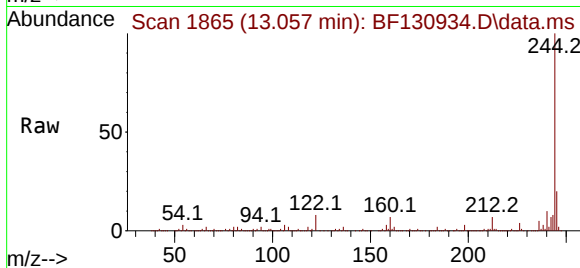
Tgt Ion:184 Resp: 13330

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 6.9 9.7 14.5#



#79

Terphenyl-d14

Concen: 107.320 ng

RT: 13.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BF130934.D

Acq: 02 Nov 2022 17:05

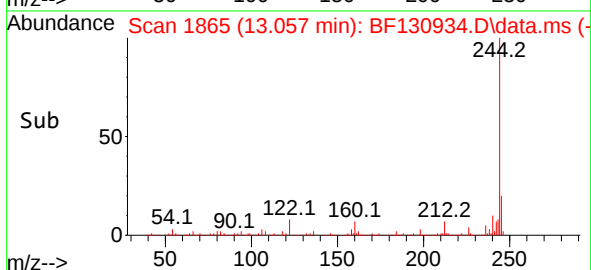
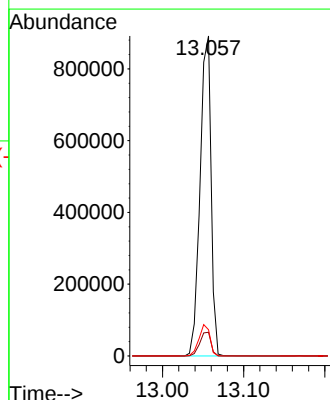
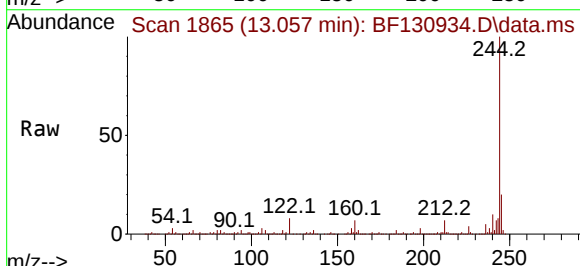
Tgt Ion:244 Resp: 843111

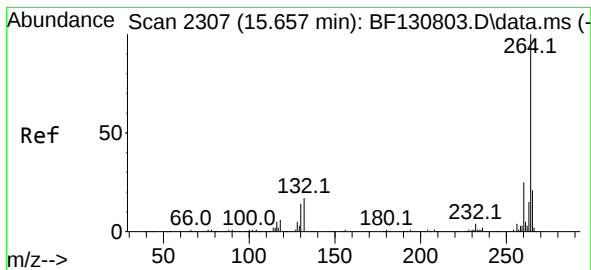
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

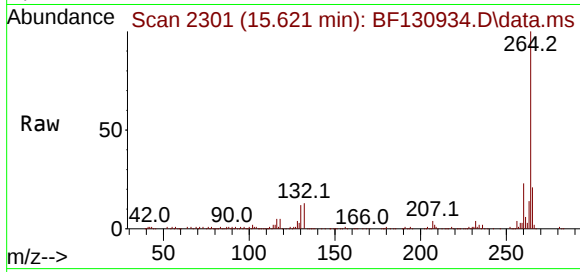
122 8.2 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130934.D
Acq: 02 Nov 2022 17:05

Instrument :
BNA_F
ClientSampleId :
TP-H



Tgt Ion:264 Resp: 127595

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.9	29.9
265	20.7	17.0	25.6

