

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130967.D
 Acq On : 03 Nov 2022 19:18
 Operator : CG\JU
 Sample : N5272-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221109-COMP-08

Quant Time: Nov 04 06:21:37 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)

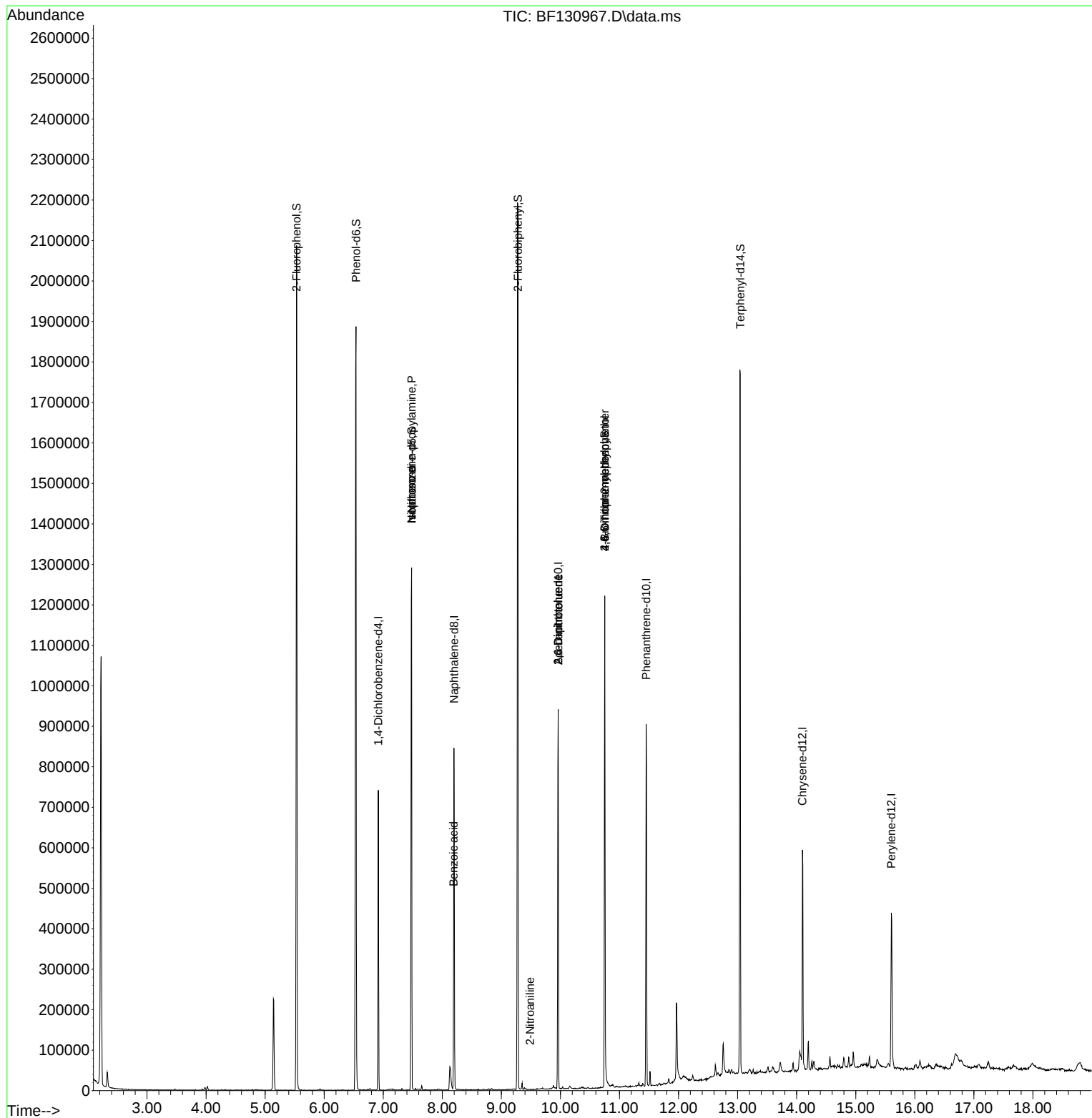
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	88619	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	347598	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	188307	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	323885	20.000	ng	0.00
76) Chrysene-d12	14.098	240	187837	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	180599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	503187	98.436	ng	0.00
7) Phenol-d6	6.539	99	650415	97.913	ng	0.00
23) Nitrobenzene-d5	7.481	82	419437	72.761	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	135194	85.287	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	724351	58.157	ng	0.00
79) Terphenyl-d14	13.045	244	612848	59.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	55734	12.331	ng	# 75
25) Isophorone	7.481	82	419427	35.283	ng	# 66
32) Benzoic acid	8.192	122	73	7.697	ng	# 1
48) 2-Nitroaniline	9.486	65	65	4.164	ng	# 12
51) 2,6-Dinitrotoluene	9.963	165	24065	12.008	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	24065	10.895	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	395	8.172	ng	# 10
67) 4-Bromophenyl-phenylether	10.751	248	8242	2.530	ng	# 1

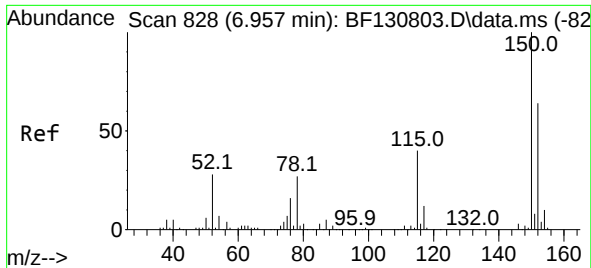
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130967.D
Acq On : 03 Nov 2022 19:18
Operator : CG\JU
Sample : N5272-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

Quant Time: Nov 04 06:21:37 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

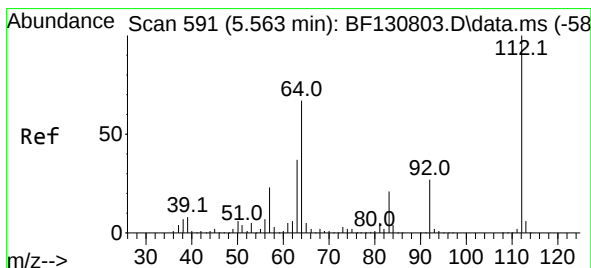
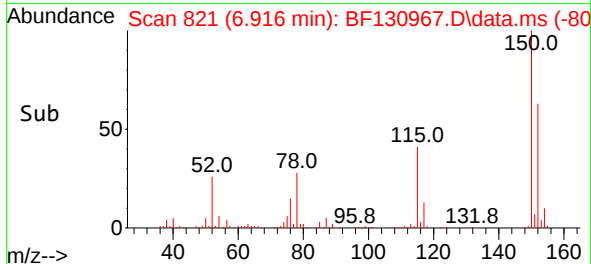
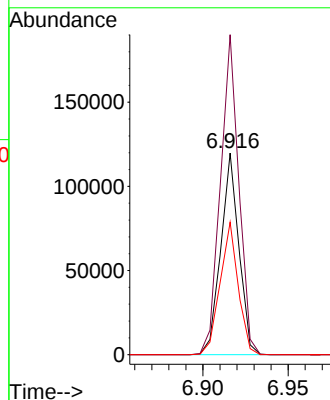
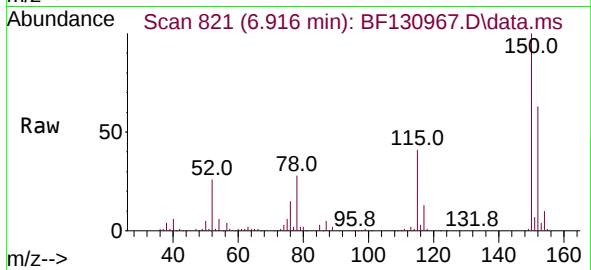




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

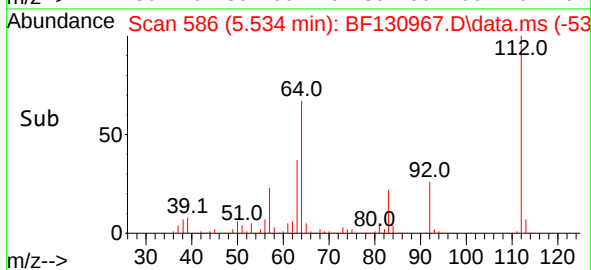
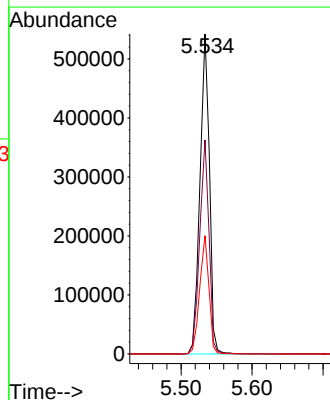
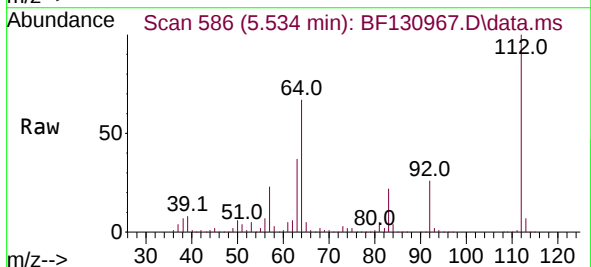
Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

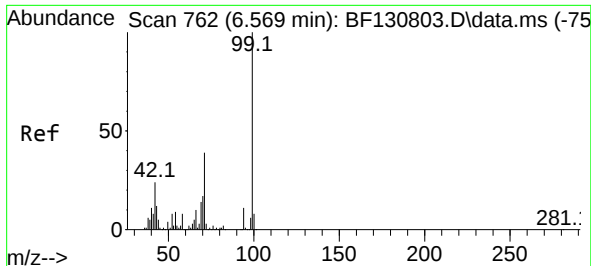
Tgt Ion:152 Resp: 88619
Ion Ratio Lower Upper
152 100
150 158.7 124.1 186.1
115 65.7 50.1 75.1



#5
2-Fluorophenol
Concen: 98.436 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

Tgt Ion:112 Resp: 503187
Ion Ratio Lower Upper
112 100
64 66.9 53.9 80.9
63 36.9 29.4 44.2

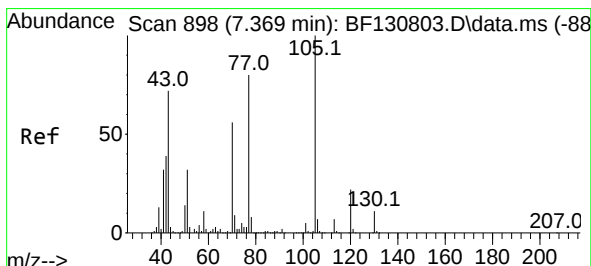
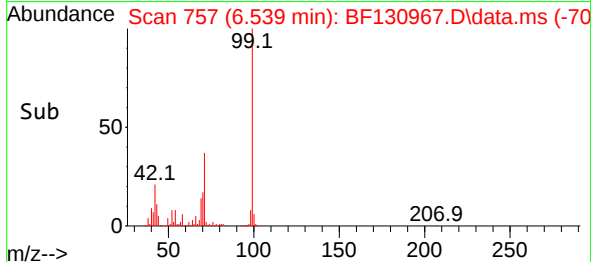
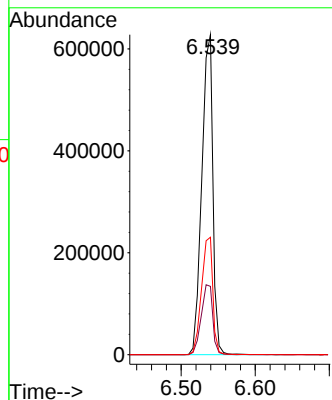
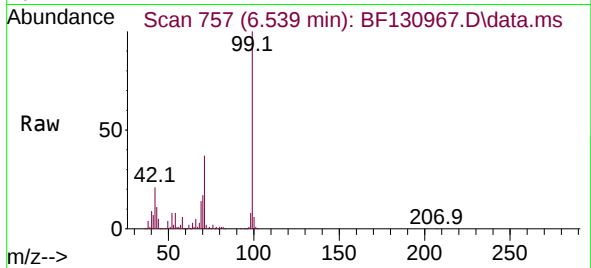




#7
Phenol-d6
Concen: 97.913 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

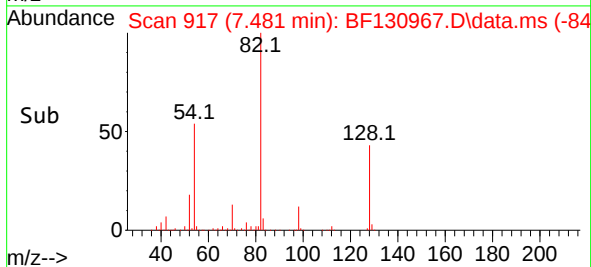
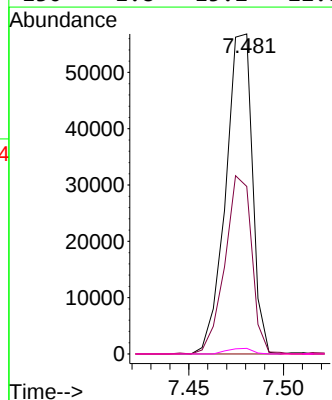
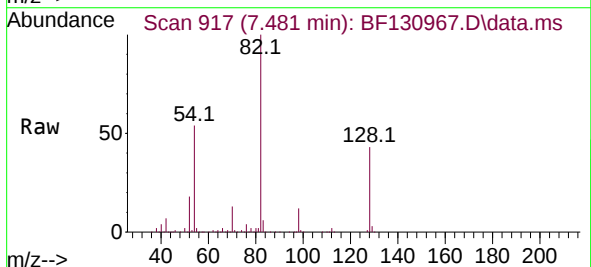
Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

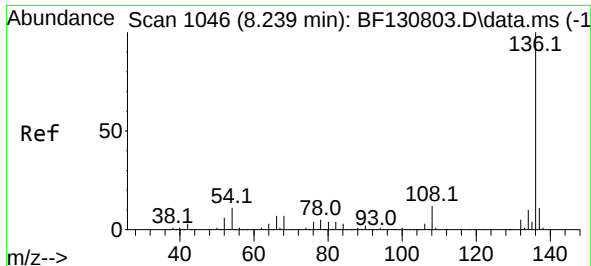
Tgt Ion: 99 Resp: 650415
Ion Ratio Lower Upper
99 100
42 21.3 18.8 28.2
71 36.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.331 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

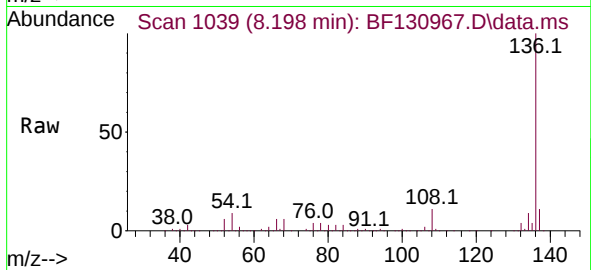
Tgt Ion: 70 Resp: 55734
Ion Ratio Lower Upper
70 100
42 52.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



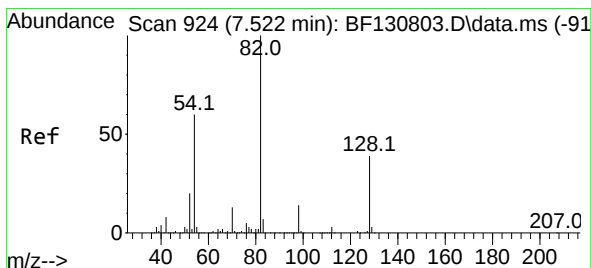
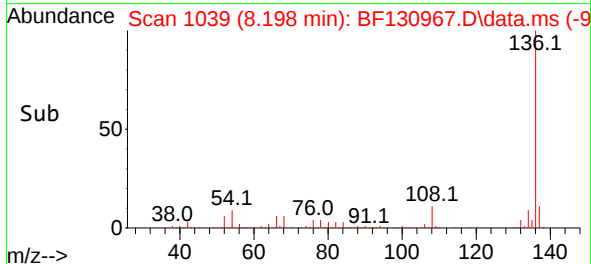
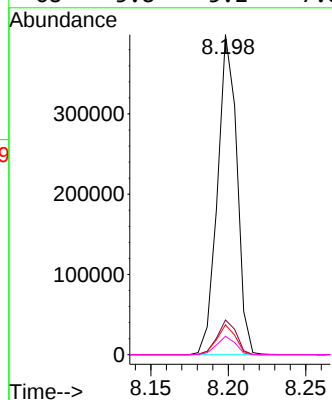


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

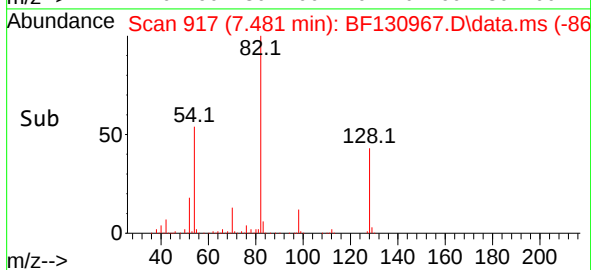
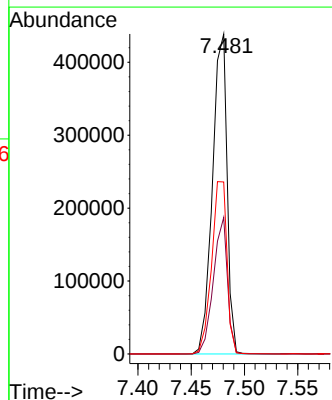
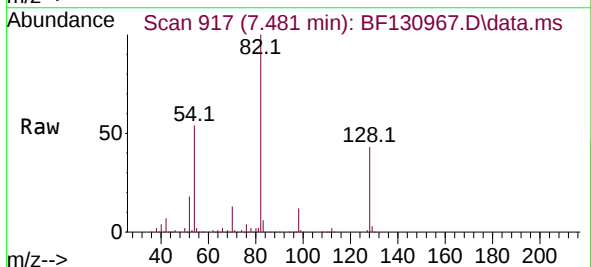


Tgt Ion:	136	Resp:	347598
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.4	8.8	13.2
68	5.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 72.761 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

Tgt Ion:	82	Resp:	419437
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.2	46.8
54	53.7	48.0	72.0

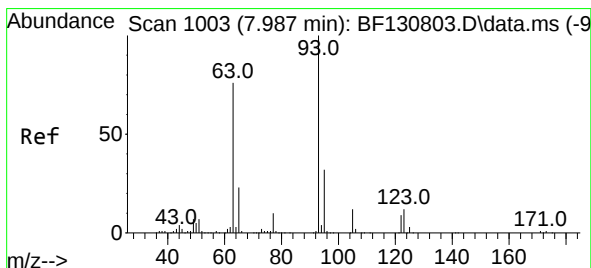
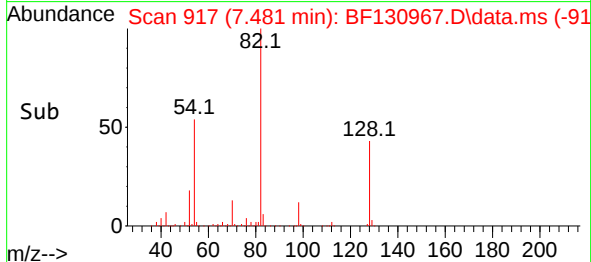
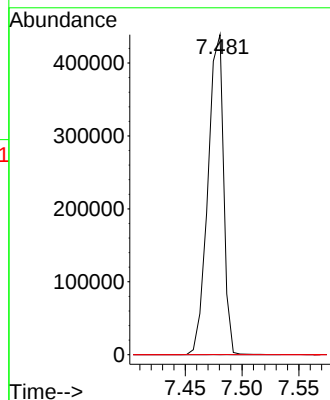
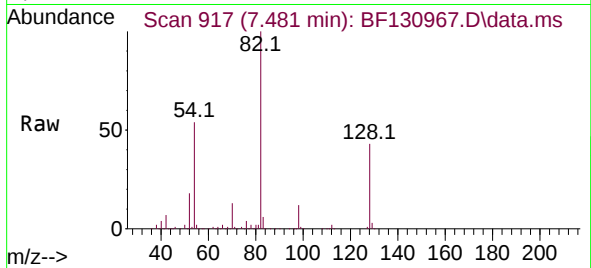




#25
Isophorone
Concen: 35.283 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

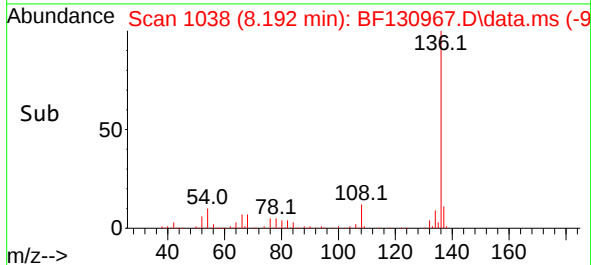
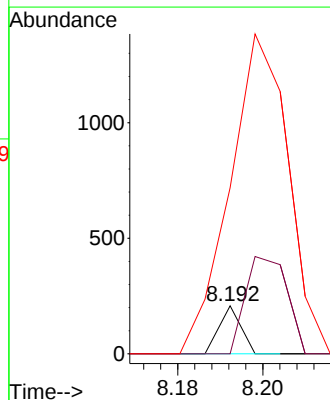
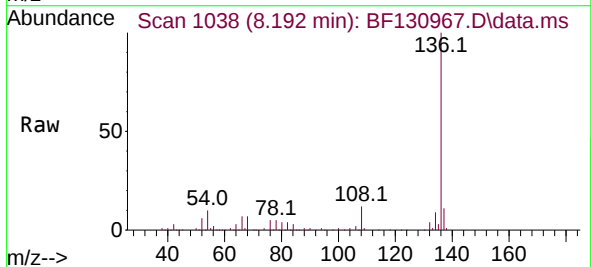
Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

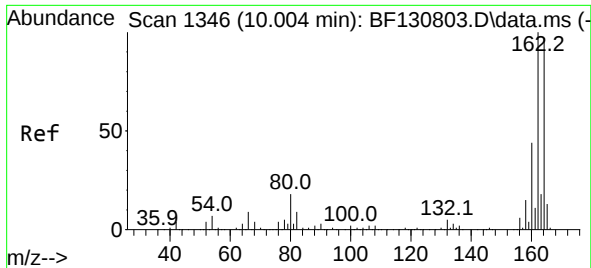
Tgt Ion: 82 Resp: 419427
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.697 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.229 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

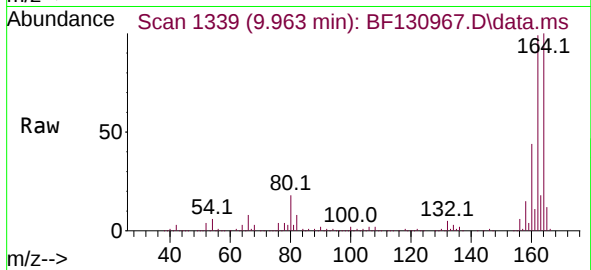
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 345.7 89.8 129.8#



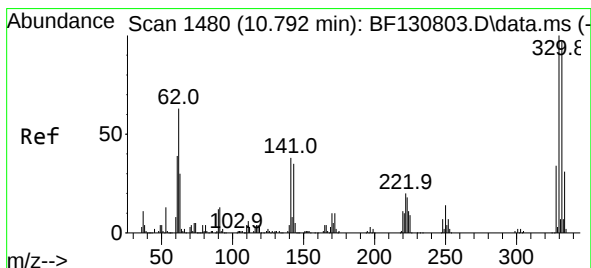
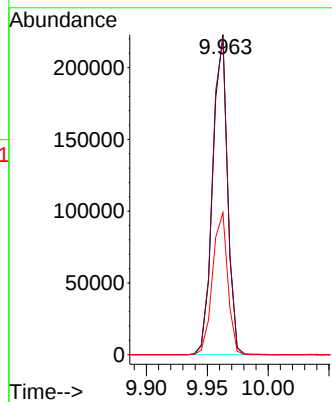
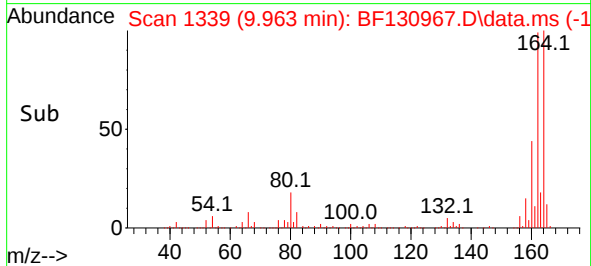


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

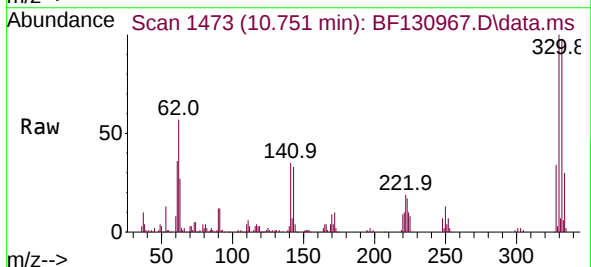
Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08



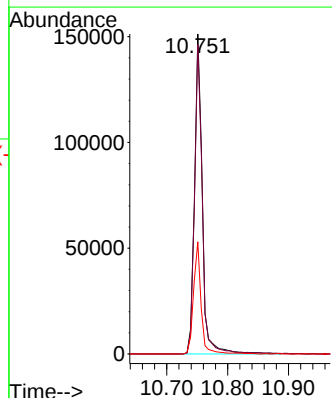
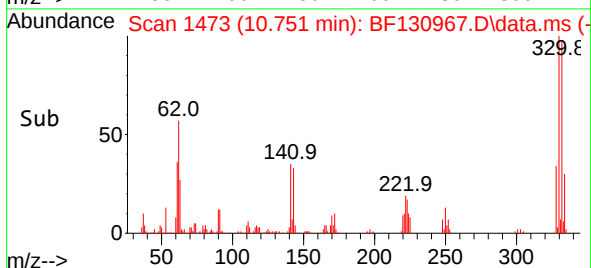
Tgt Ion:164 Resp: 188307
Ion Ratio Lower Upper
164 100
162 98.8 82.2 123.2
160 44.3 36.6 54.8

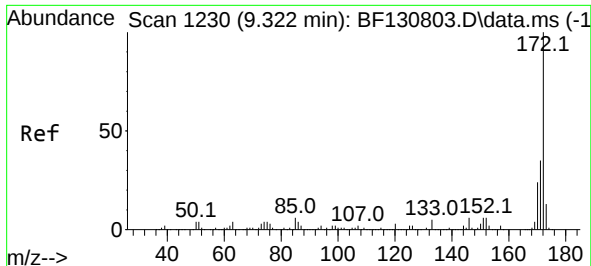


#42
2,4,6-Tribromophenol
Concen: 85.287 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18



Tgt Ion:330 Resp: 135194
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 33.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 58.157 ng

RT: 9.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

Instrument :

BNA_F

ClientSampleId :

20221109-COMP-08

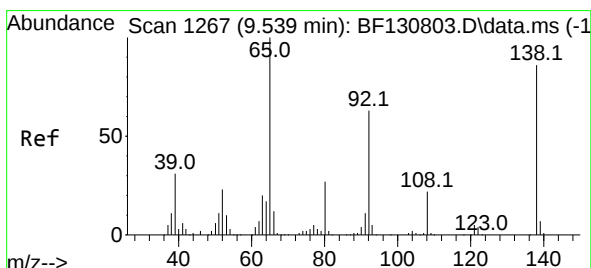
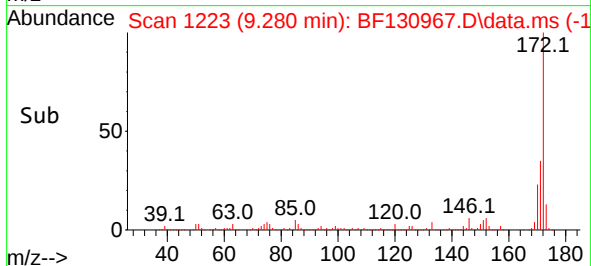
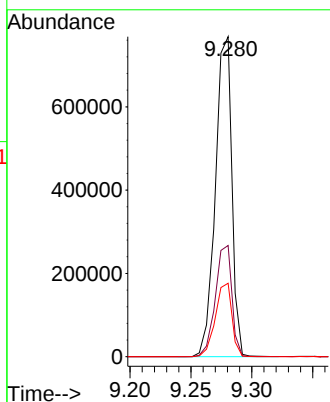
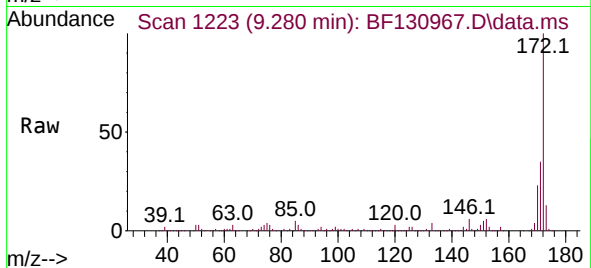
Tgt Ion:172 Resp: 724351

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.9 19.0 28.4



#48

2-Nitroaniline

Concen: 4.164 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.018 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

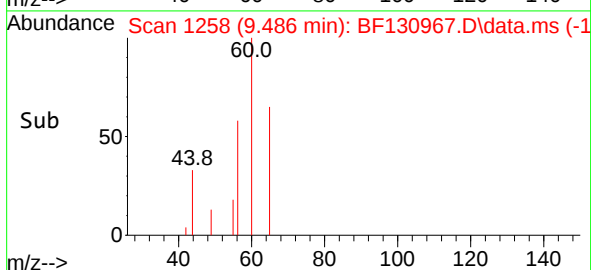
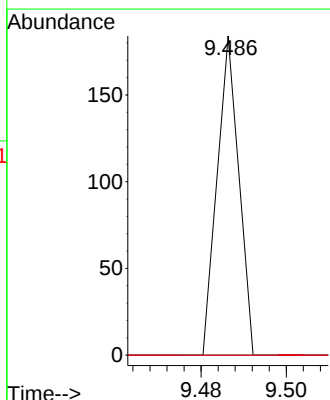
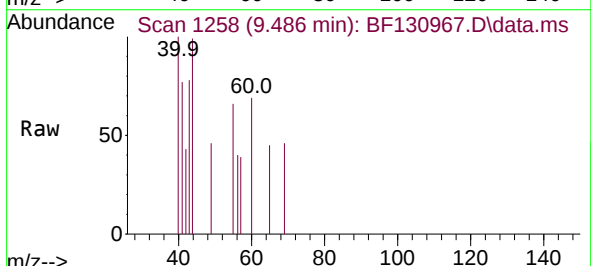
Tgt Ion: 65 Resp: 65

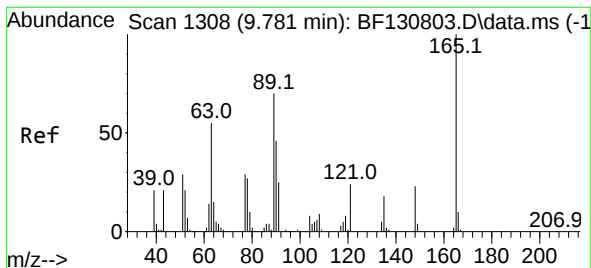
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 12.008 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

Instrument :

BNA_F

ClientSampleId :

20221109-COMP-08

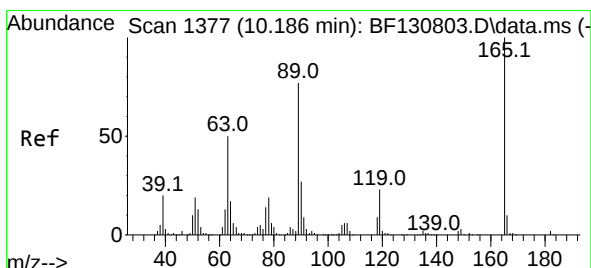
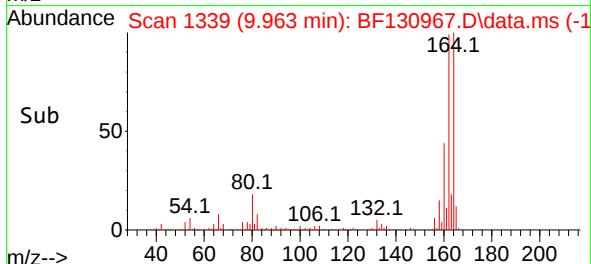
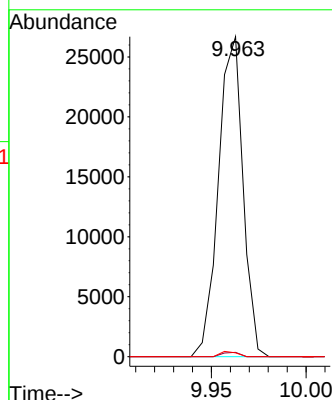
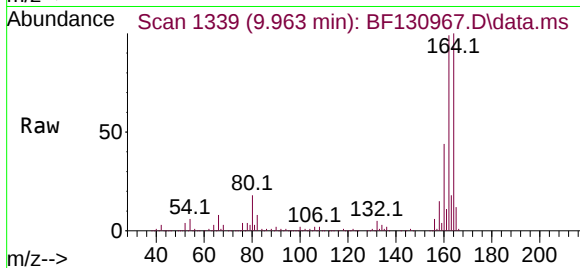
Tgt Ion:165 Resp: 24065

Ion Ratio Lower Upper

165 100

63 1.4 61.8 92.8#

89 1.2 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 10.895 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.188 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

Tgt Ion:165 Resp: 24065

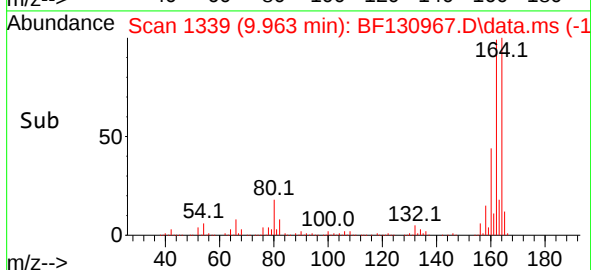
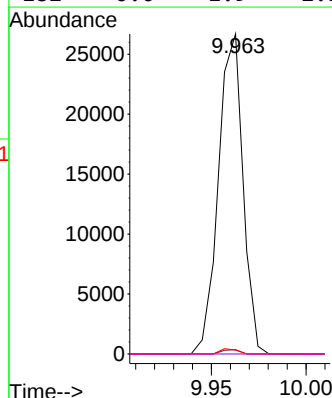
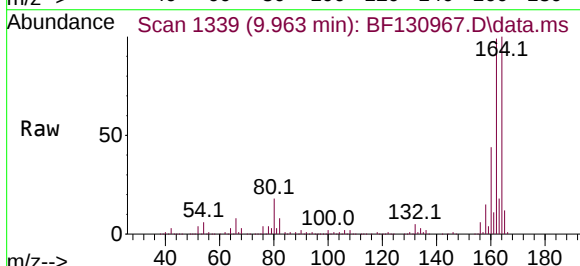
Ion Ratio Lower Upper

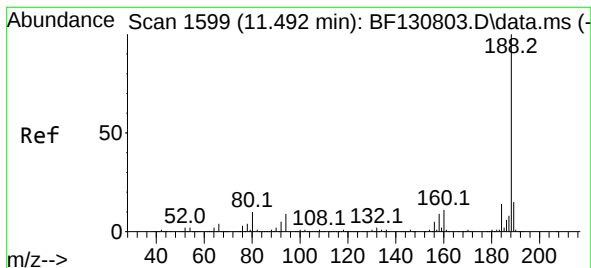
165 100

63 1.4 39.8 59.6#

89 1.2 61.9 92.9#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

Instrument :

BNA_F

ClientSampleId :

20221109-COMP-08

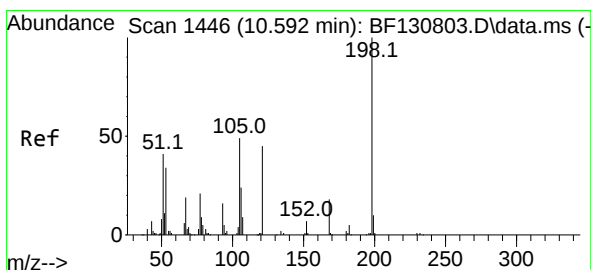
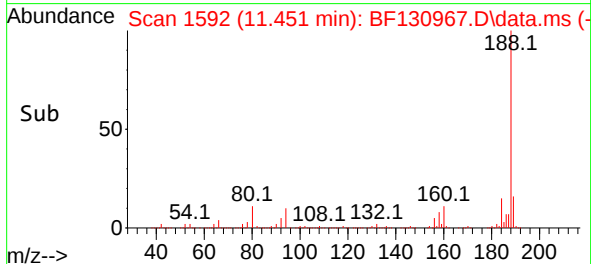
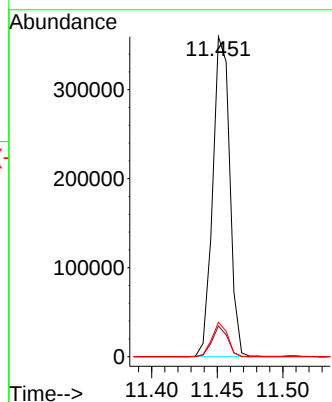
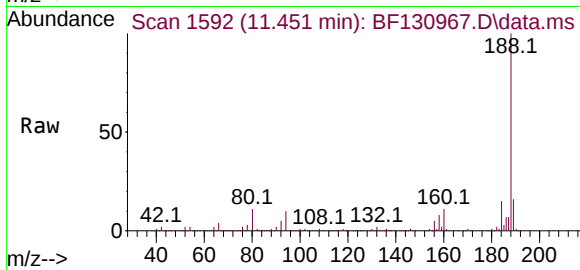
Tgt Ion:188 Resp: 323885

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.172 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.188 min

Lab File: BF130967.D

Acq: 03 Nov 2022 19:18

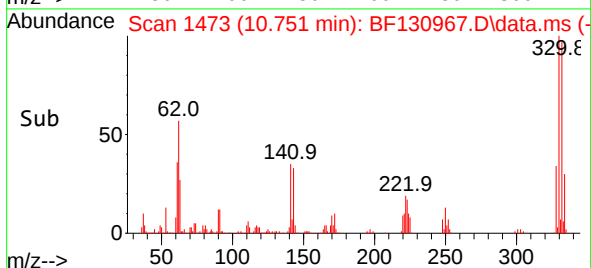
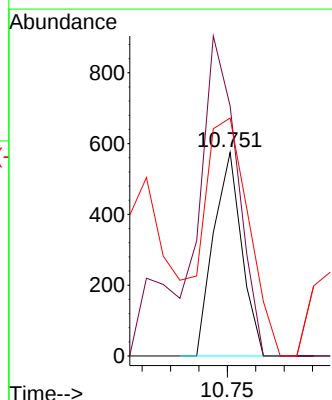
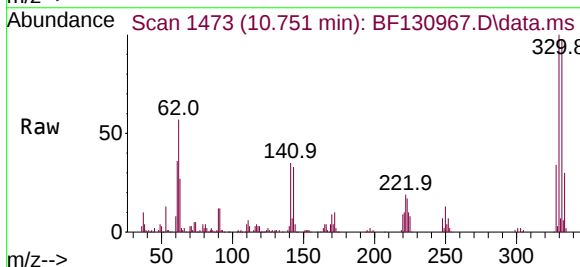
Tgt Ion:198 Resp: 395

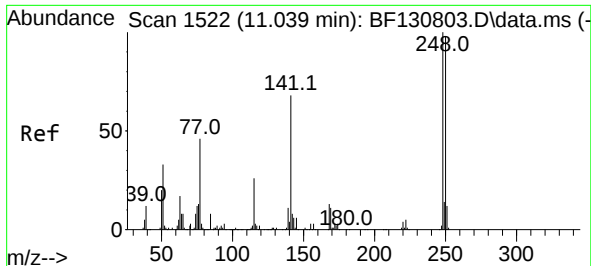
Ion Ratio Lower Upper

198 100

51 122.8 39.0 79.0#

105 116.9 30.6 70.6#

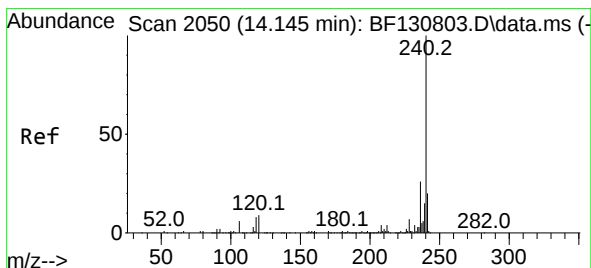
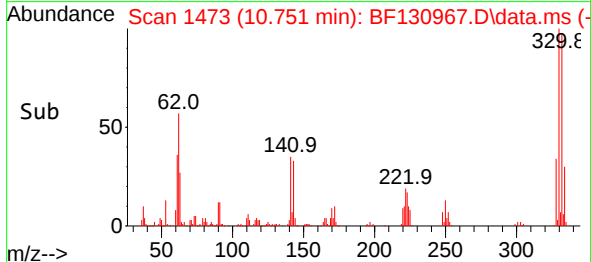
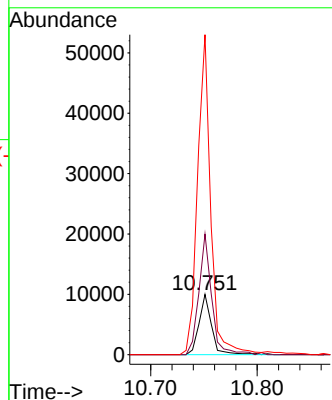
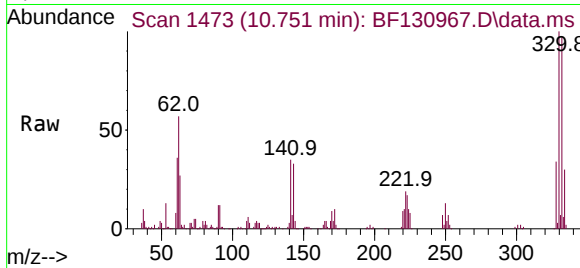




#67
4-Bromophenyl-phenylether
Concen: 2.530 ng
RT: 10.751 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

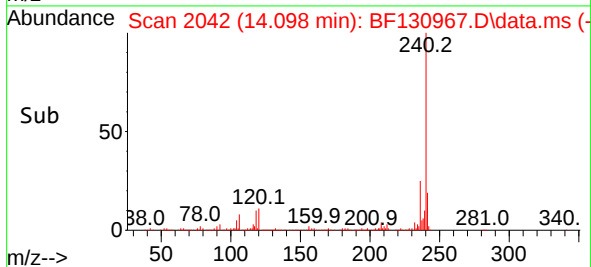
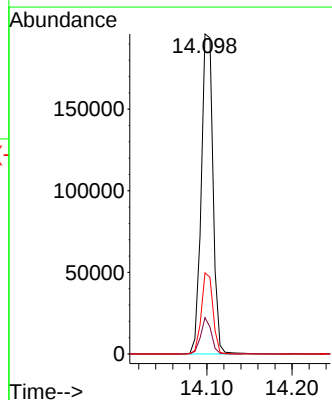
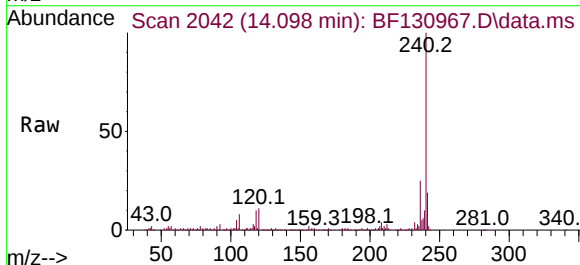
Instrument :
BNA_F
ClientSampleId :
20221109-COMP-08

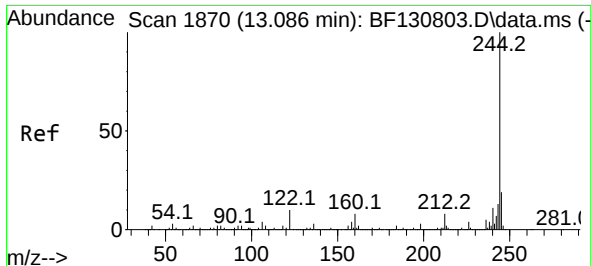
Tgt Ion:248 Resp: 8242
Ion Ratio Lower Upper
248 100
250 200.1 78.6 117.8#
141 530.7 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF130967.D
Acq: 03 Nov 2022 19:18

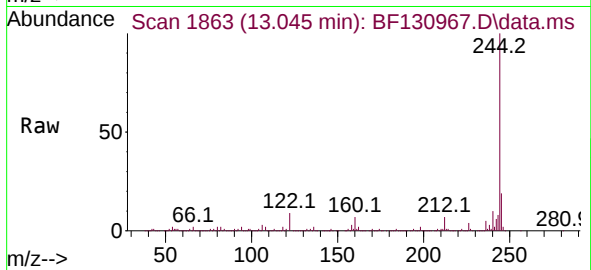
Tgt Ion:240 Resp: 187837
Ion Ratio Lower Upper
240 100
120 11.4 7.0 10.4#
236 25.3 20.5 30.7



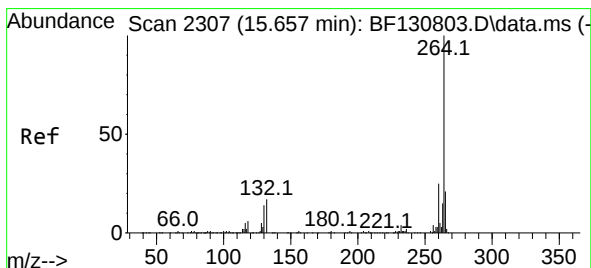
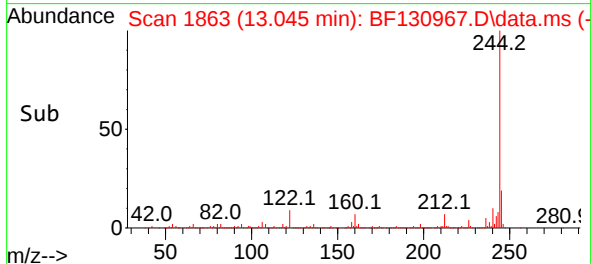
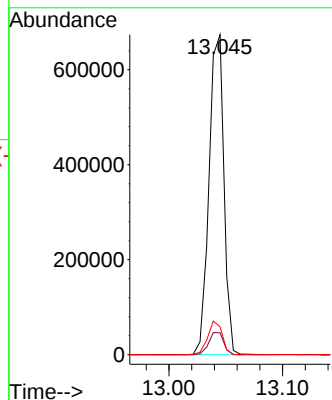


#79
 Terphenyl-d14
 Concen: 59.787 ng
 RT: 13.045 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130967.D
 Acq: 03 Nov 2022 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20221109-COMP-08



Tgt Ion:244 Resp: 612848
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF130967.D
 Acq: 03 Nov 2022 19:18

Tgt Ion:264 Resp: 180599
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 21.0 17.0 25.6

