

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130929.D
 Acq On : 02 Nov 2022 14:11
 Operator : CG\JU
 Sample : N5310-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN 1-2-(2840)-COMP-5

Quant Time: Nov 03 03:41:56 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)

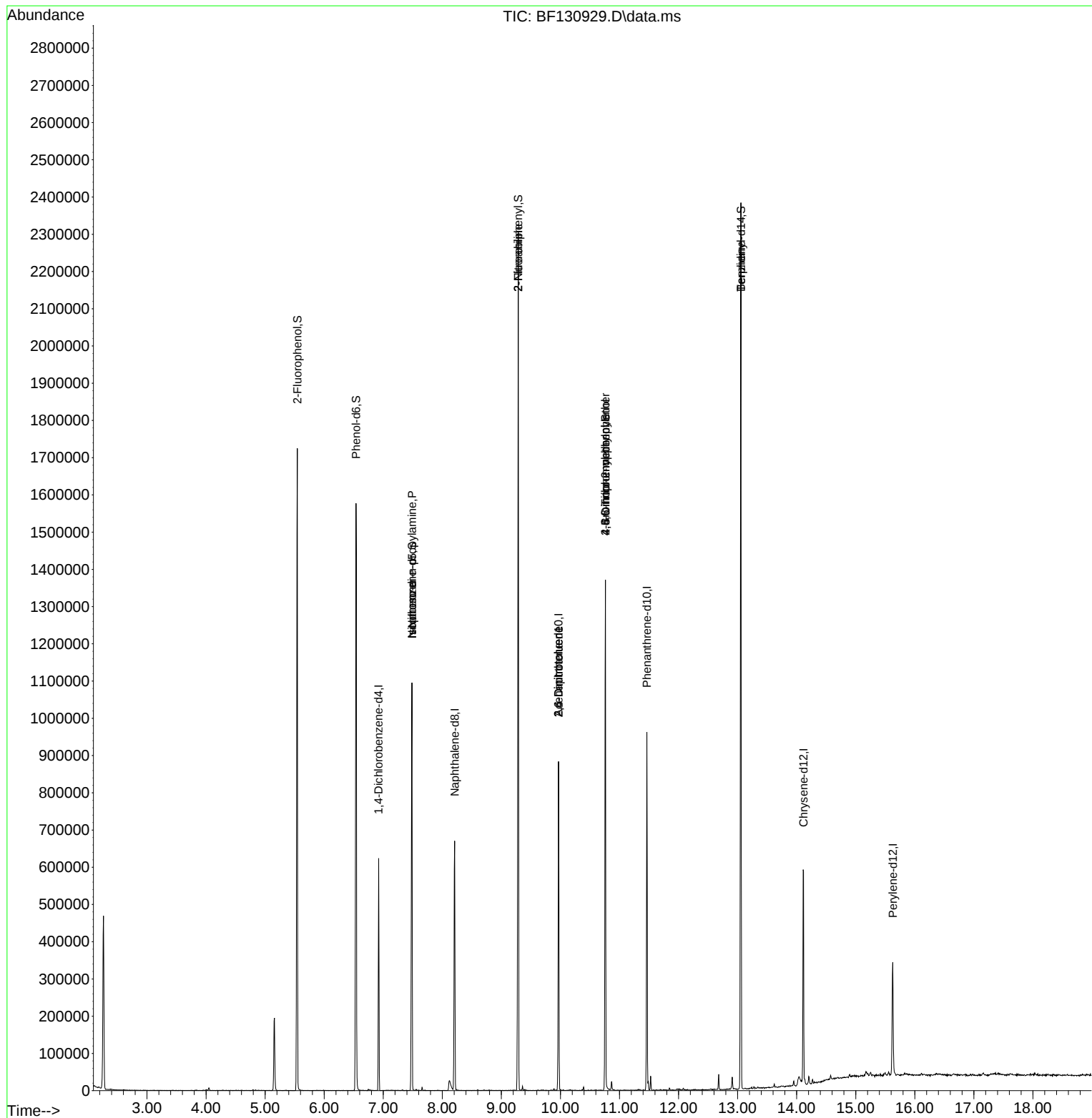
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	76843	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	304785	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	169785	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	319278	20.000	ng	0.00
76) Chrysene-d12	14.115	240	196079	20.000	ng	0.00
86) Perylene-d12	15.627	264	139678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	409693	92.429	ng	0.00
7) Phenol-d6	6.540	99	526719	91.443	ng	0.00
23) Nitrobenzene-d5	7.487	82	355381	70.309	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	144012	100.761	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	663257	59.061	ng	0.00
79) Terphenyl-d14	13.057	244	754141	70.478	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	48815	12.456	ng	# 79
25) Isophorone	7.487	82	355214	34.079	ng	# 66
48) 2-Nitroaniline	9.286	65	1418	4.562	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	21457	11.905	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	21457	10.815	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.763	198	396	8.176	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	9268	2.886	ng	# 1
77) Benzidine	13.057	184	11156	2.344	ng	# 93

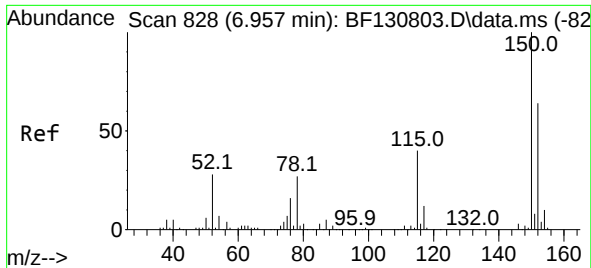
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

Quant Time: Nov 03 03:41:56 2022
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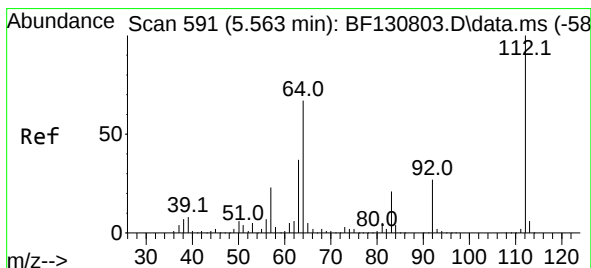
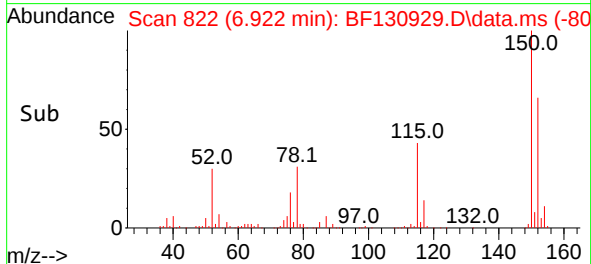
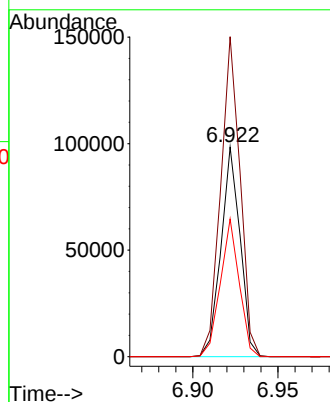
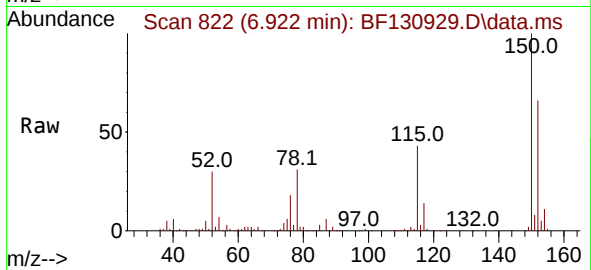




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

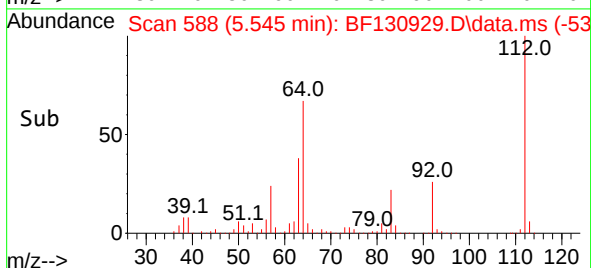
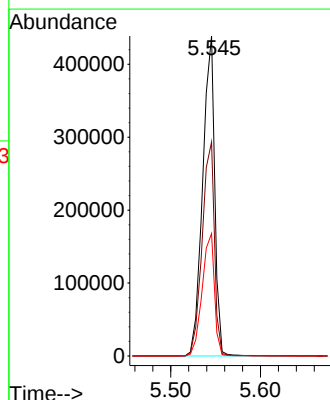
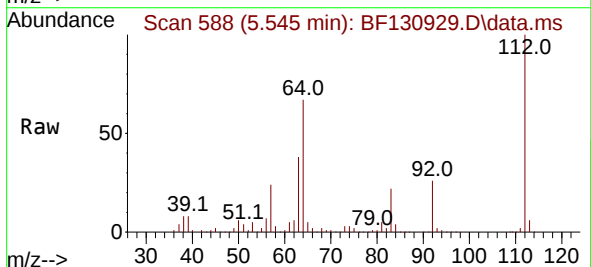
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

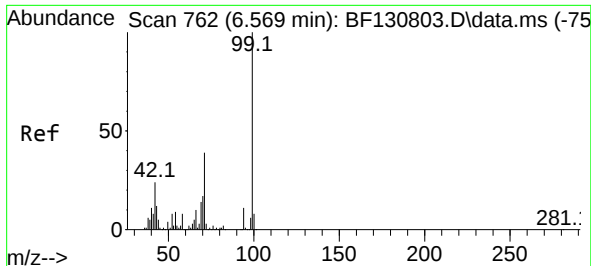
Tgt Ion:152 Resp: 76843
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 65.7 50.1 75.1



#5
2-Fluorophenol
Concen: 92.429 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

Tgt Ion:112 Resp: 409693
Ion Ratio Lower Upper
112 100
64 66.9 53.9 80.9
63 38.3 29.4 44.2

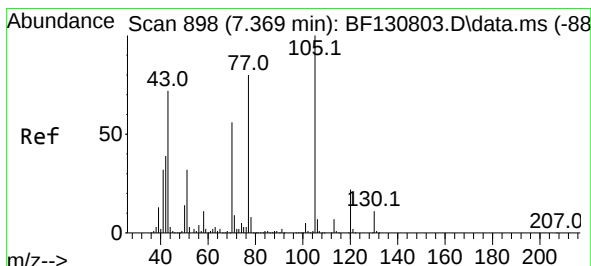
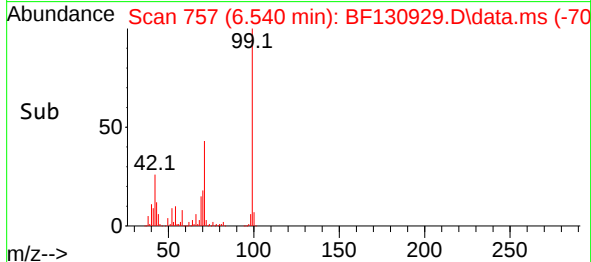
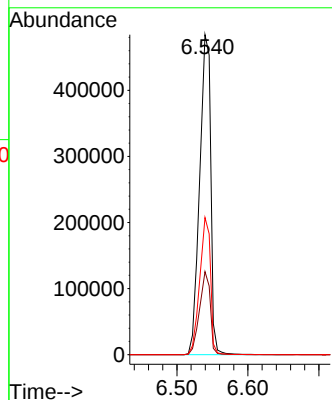
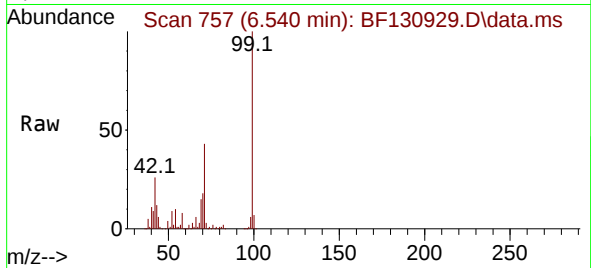




#7
Phenol-d6
Concen: 91.443 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

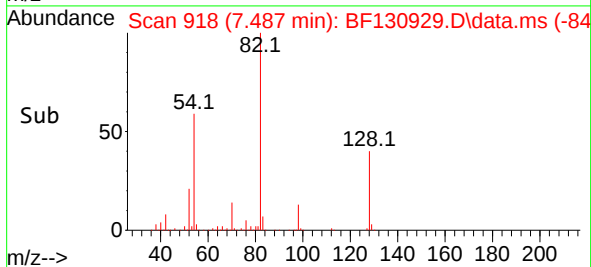
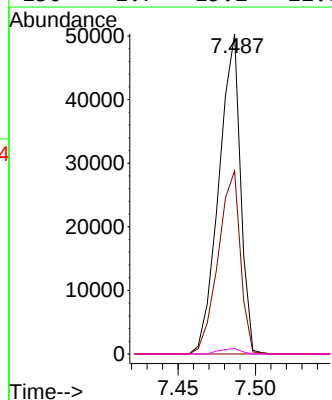
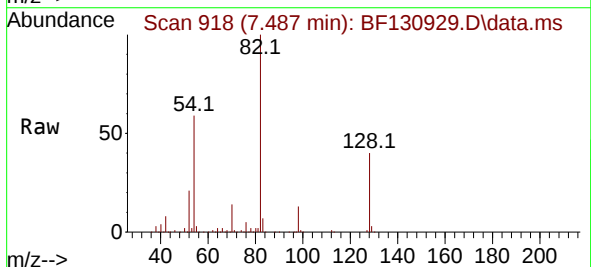
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

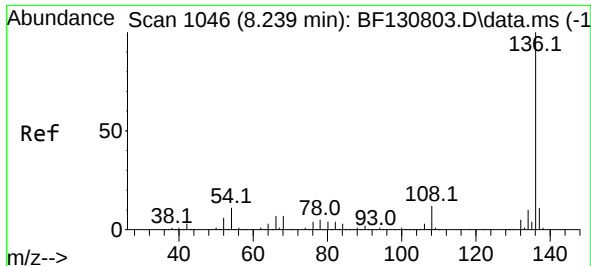
Tgt Ion: 99 Resp: 526719
Ion Ratio Lower Upper
99 100
42 26.0 18.8 28.2
71 42.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.456 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

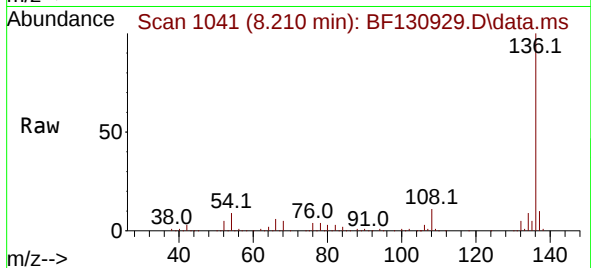
Tgt Ion: 70 Resp: 48815
Ion Ratio Lower Upper
70 100
42 57.2 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#



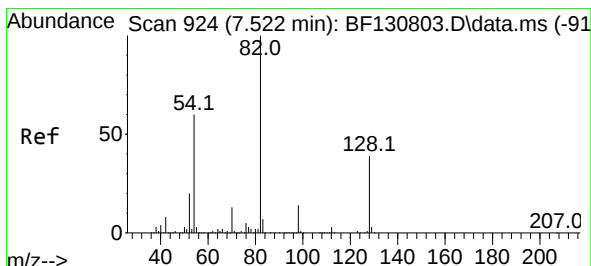
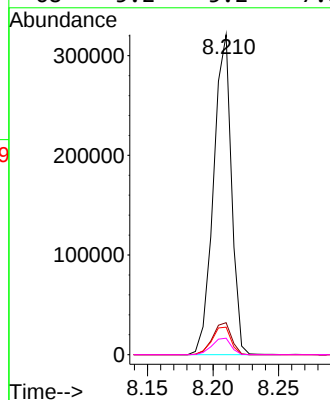
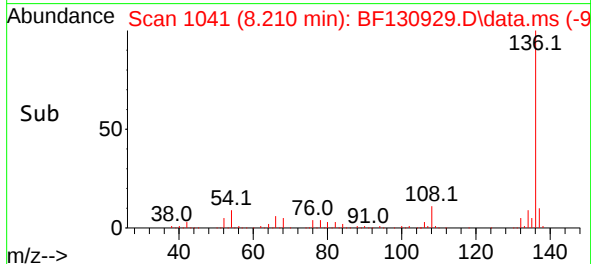


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

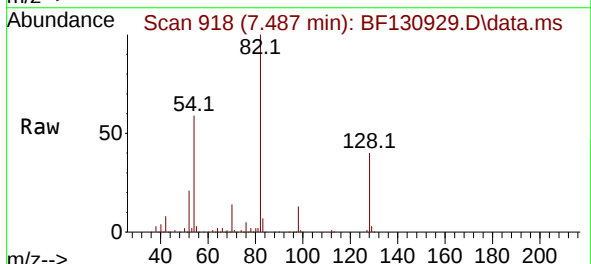
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5



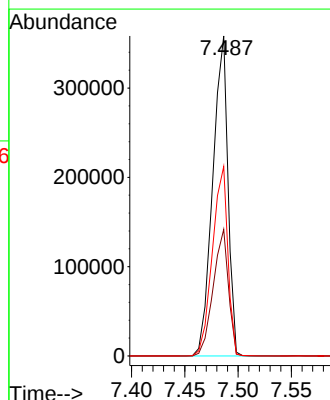
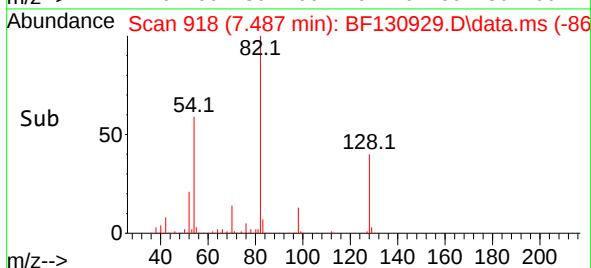
Tgt Ion:136 Resp: 304785
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 8.6 8.8 13.2#
68 5.2 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 70.309 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11



Tgt Ion: 82 Resp: 355381
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 59.2 48.0 72.0

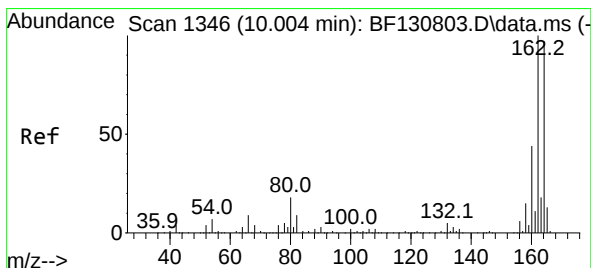
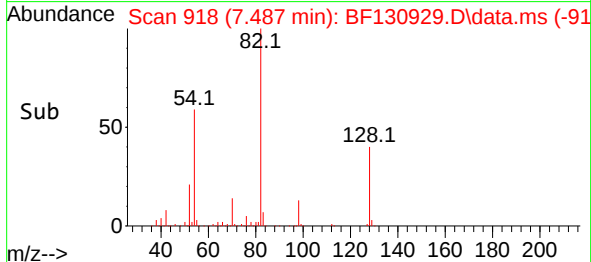
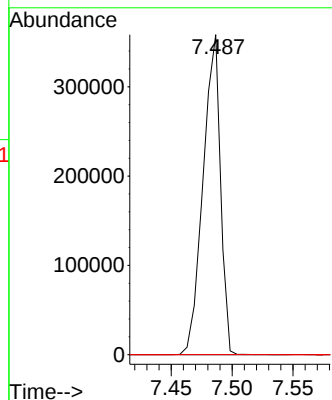
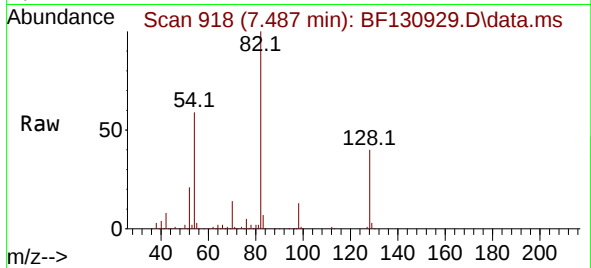




#25
Isophorone
Concen: 34.079 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

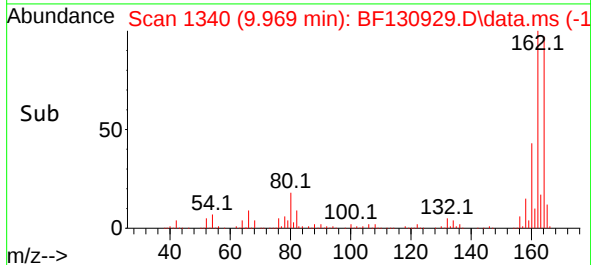
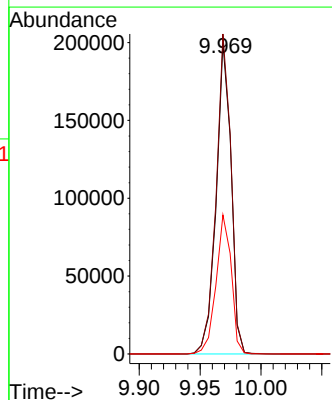
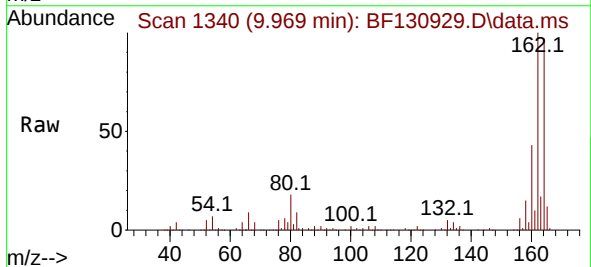
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

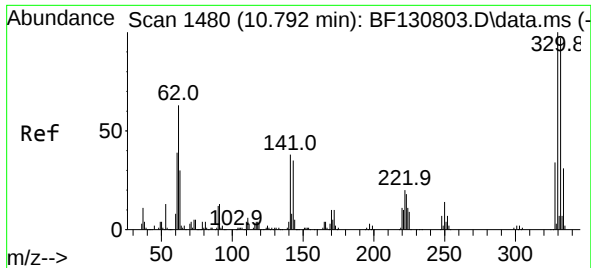
Tgt Ion: 82 Resp: 355214
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

Tgt Ion: 164 Resp: 169785
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 44.7 36.6 54.8

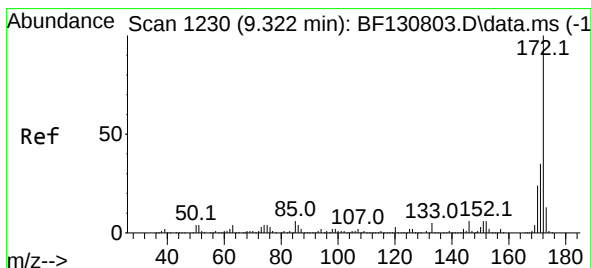
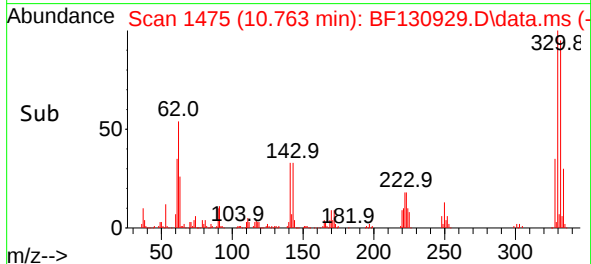
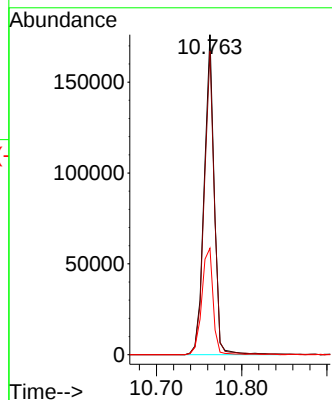
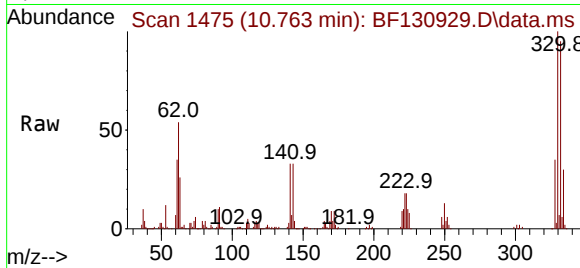




#42
2,4,6-Tribromophenol
Concen: 100.761 ng
RT: 10.763 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

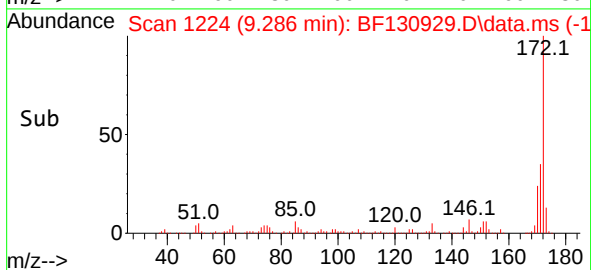
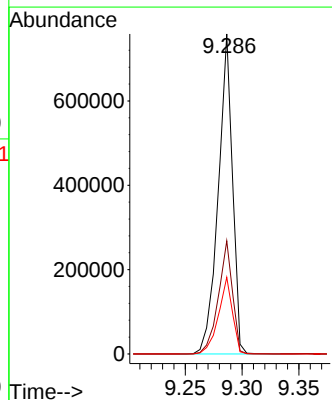
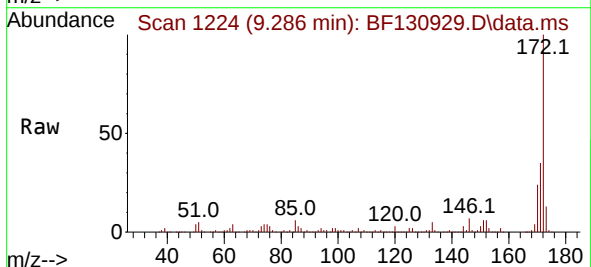
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

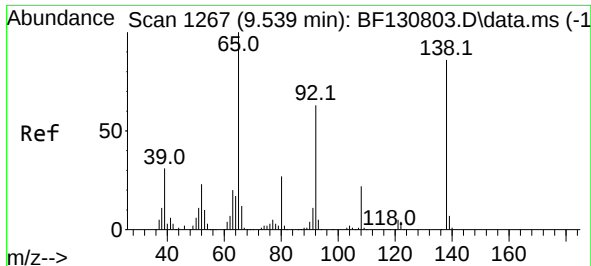
Tgt Ion:330 Resp: 144012
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 37.7 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 59.061 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

Tgt Ion:172 Resp: 663257
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.0 19.0 28.4

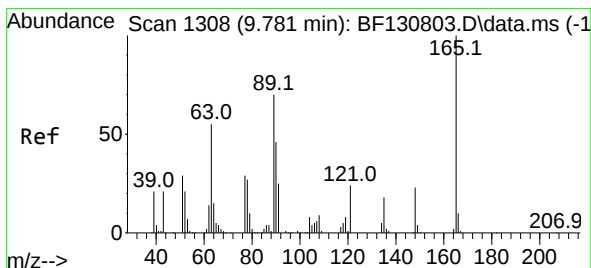
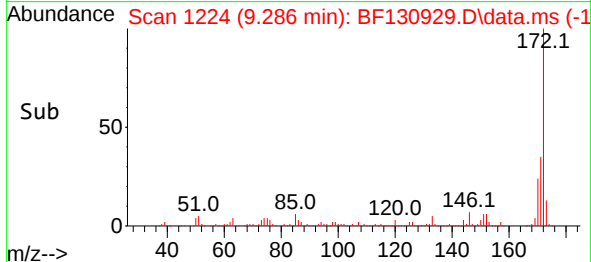
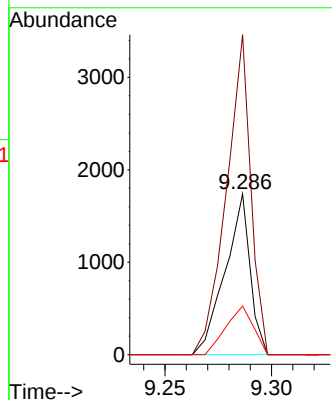
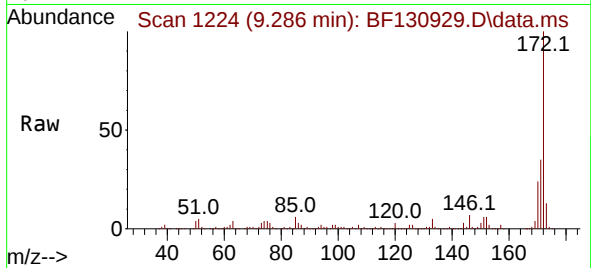




#48
2-Nitroaniline
Concen: 4.562 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

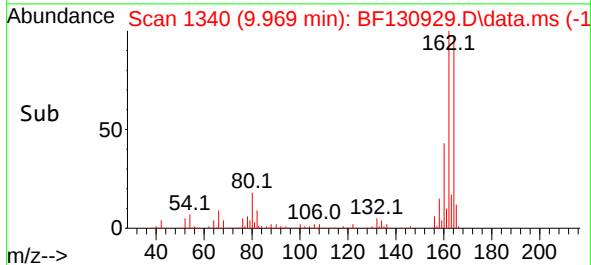
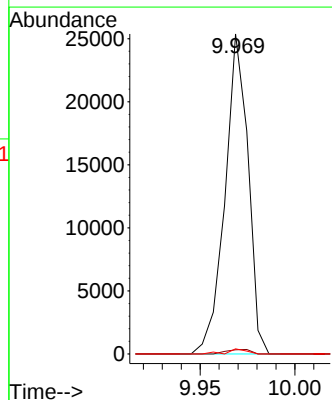
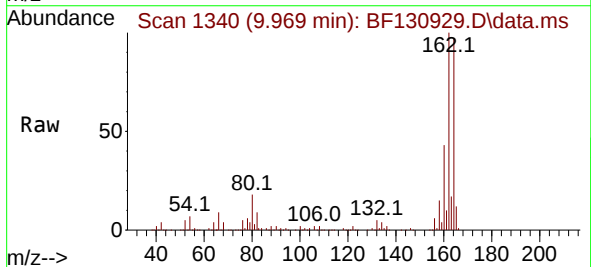
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ClientSampleId :
BIN 1-2-(2840)-COMP-5

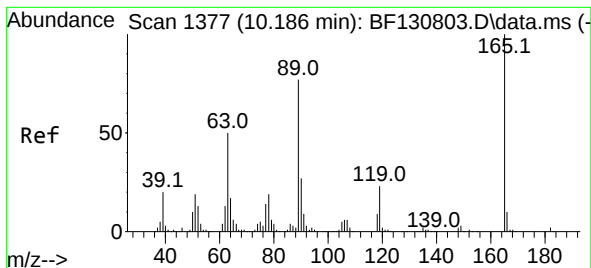
Tgt Ion: 65 Resp: 1418
Ion Ratio Lower Upper
65 100
92 199.1 50.1 75.1#
138 30.3 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.905 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

Tgt Ion: 165 Resp: 21457
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.6 56.2 84.4#

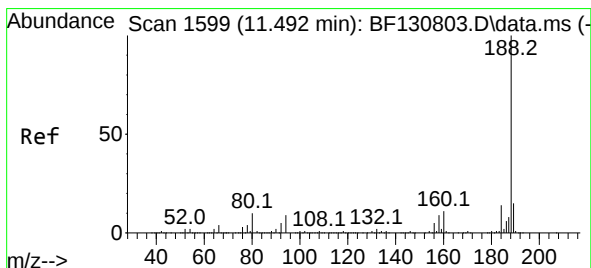
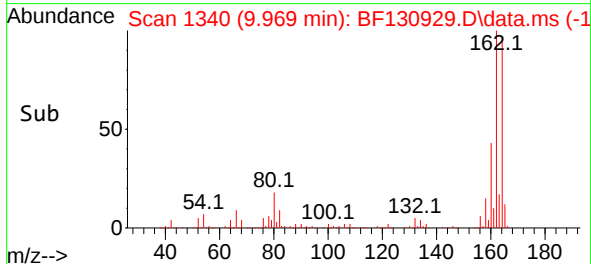
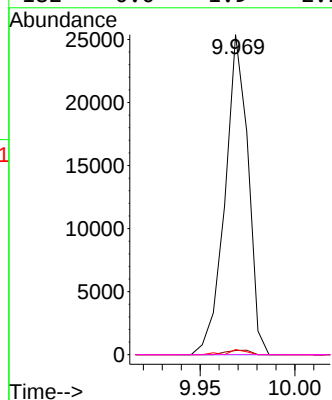
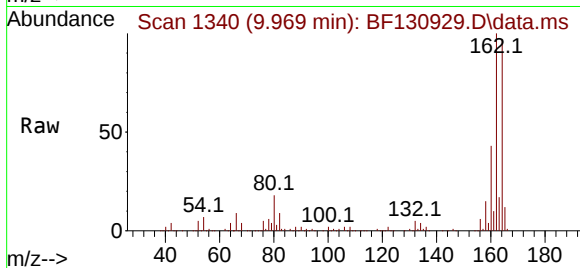




#57
2,4-Dinitrotoluene
Concen: 10.815 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

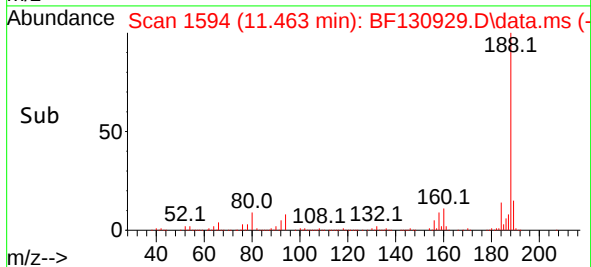
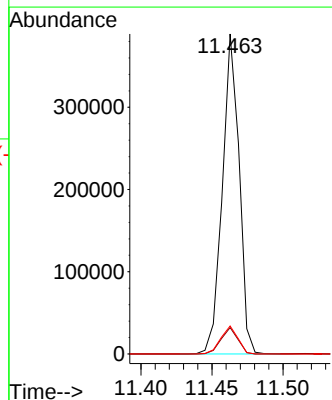
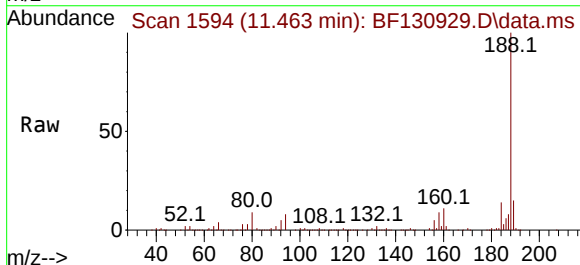
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5

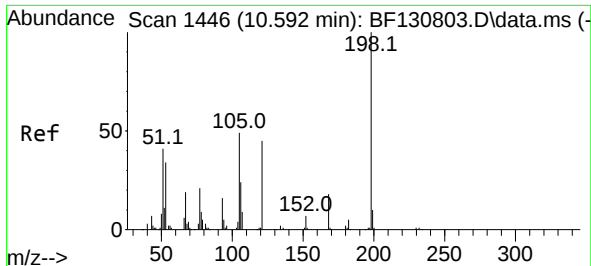
Tgt Ion:165 Resp: 21457
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

Tgt Ion:188 Resp: 319278
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.8 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.176 ng

RT: 10.763 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130929.D

Acq: 02 Nov 2022 14:11

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-5

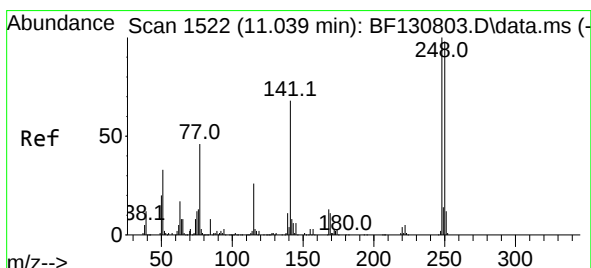
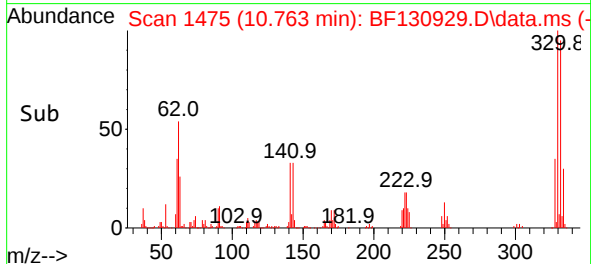
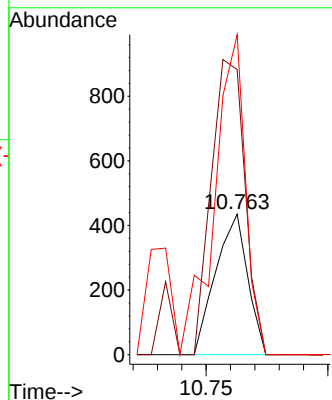
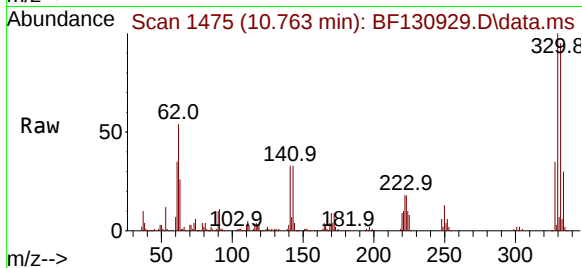
Tgt Ion:198 Resp: 396

Ion Ratio Lower Upper

198 100

51 203.0 39.0 79.0#

105 227.8 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 2.886 ng

RT: 10.763 min Scan# 1475

Delta R.T. -0.247 min

Lab File: BF130929.D

Acq: 02 Nov 2022 14:11

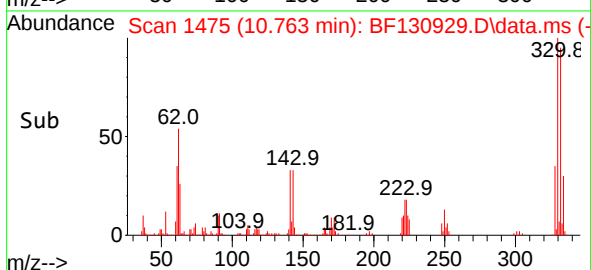
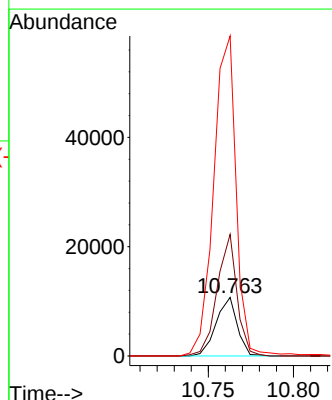
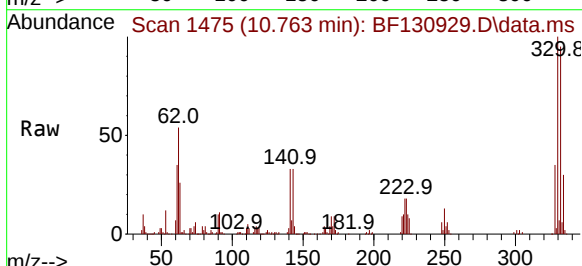
Tgt Ion:248 Resp: 9268

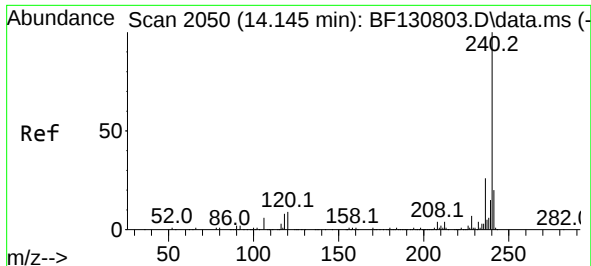
Ion Ratio Lower Upper

248 100

250 207.8 78.6 117.8#

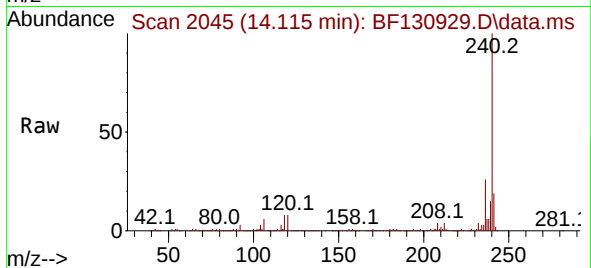
141 546.4 54.2 81.4#



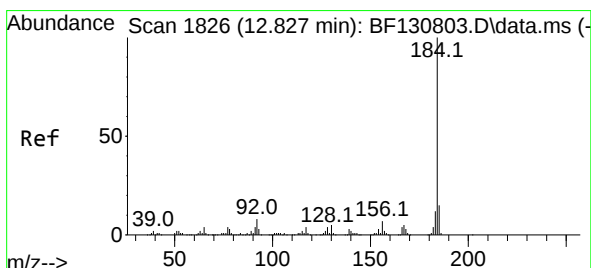
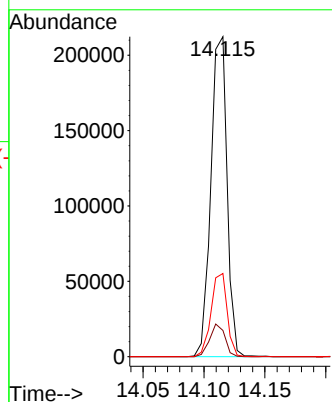
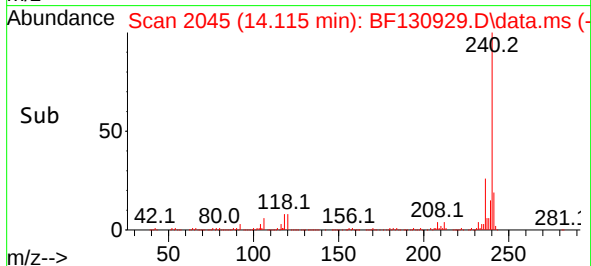


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11

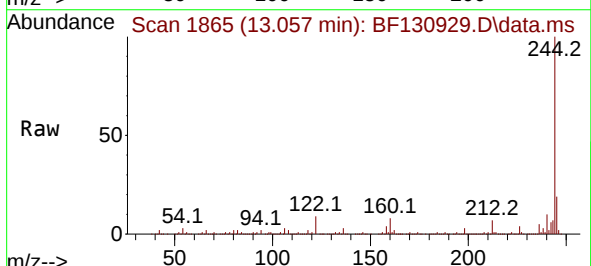
Instrument :
BNA_F
ClientSampleId :
BIN 1-2-(2840)-COMP-5



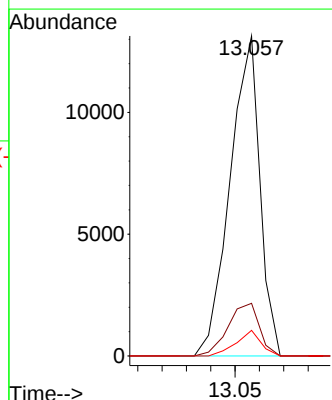
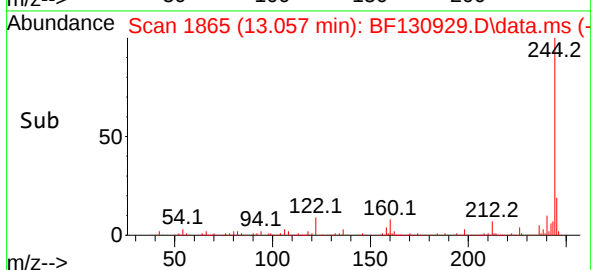
Tgt Ion:240 Resp: 196079
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.4
236 26.0 20.5 30.7

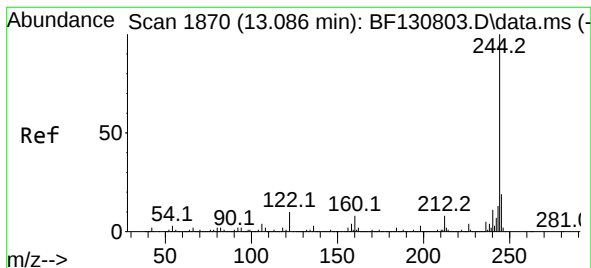


#77
Benzidine
Concen: 2.344 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.253 min
Lab File: BF130929.D
Acq: 02 Nov 2022 14:11



Tgt Ion:184 Resp: 11156
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 8.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 70.478 ng

RT: 13.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BF130929.D

Acq: 02 Nov 2022 14:11

Instrument :

BNA_F

ClientSampleId :

BIN 1-2-(2840)-COMP-5

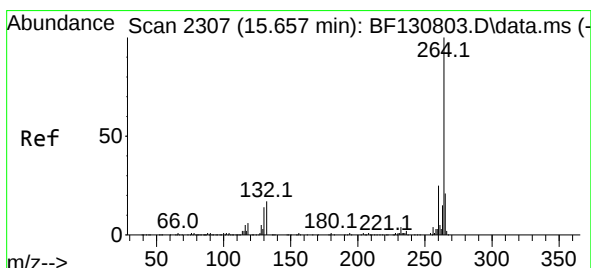
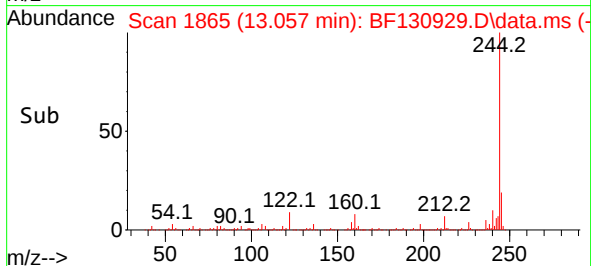
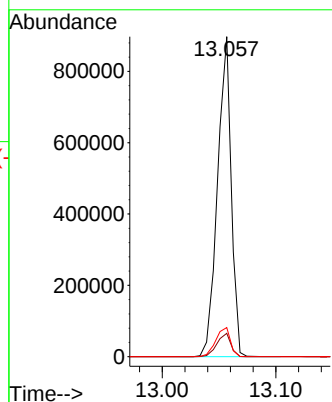
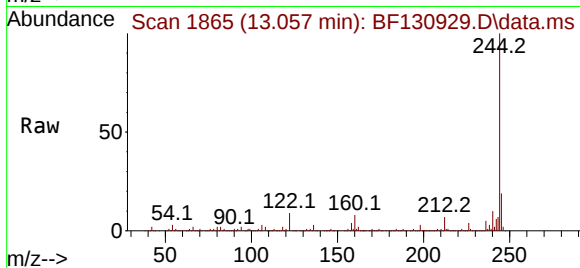
Tgt Ion:244 Resp: 754141

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 9.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2302

Delta R.T. -0.000 min

Lab File: BF130929.D

Acq: 02 Nov 2022 14:11

Tgt Ion:264 Resp: 139678

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 20.7 17.0 25.6

