

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129847.D
 Acq On : 17 Aug 2022 16:49
 Operator : CG\JU
 Sample : PB146975TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146975TB

Quant Time: Aug 17 17:32:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

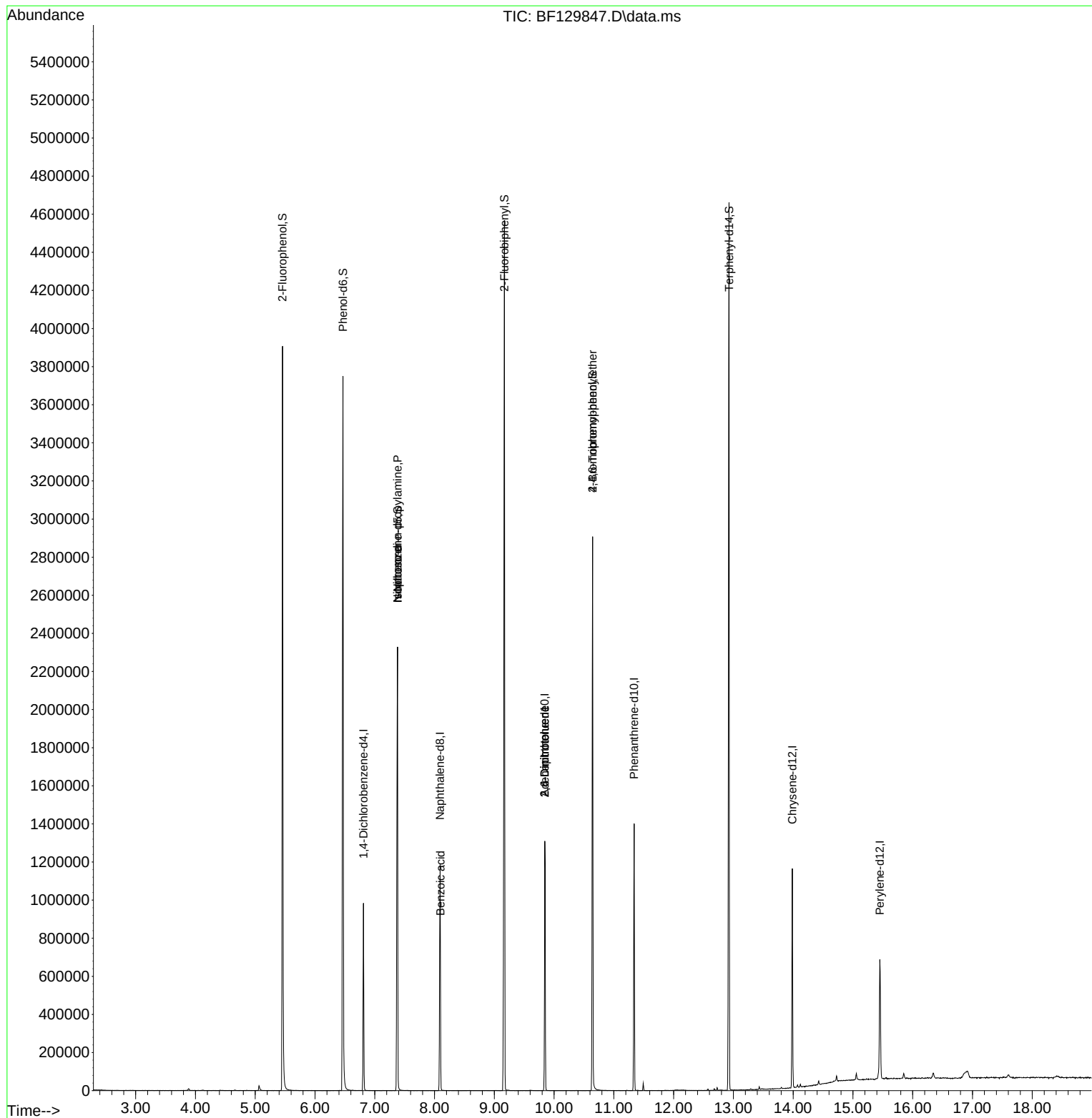
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132539	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	537441	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	281450	20.000	ng	-0.02
64) Phenanthrene-d10	11.339	188	469471	20.000	ng	-0.02
76) Chrysene-d12	13.986	240	356178	20.000	ng	-0.02
86) Perylene-d12	15.451	264	280730	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1027272	128.329	ng	0.00
7) Phenol-d6	6.469	99	1266447	126.335	ng	-0.01
23) Nitrobenzene-d5	7.381	82	800014	79.685	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	329834	116.765	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1477009	79.705	ng	-0.02
79) Terphenyl-d14	12.927	244	1534810	71.701	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	1954	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.381	70	107944	17.036	ng	# 75
25) Isophorone	7.381	82	800005	46.297	ng	# 65
32) Benzoic acid	8.098	122	122	2.199	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	36149	8.259	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	36149	6.363	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	21364	3.885	ng	# 1
77) Benzidine	12.680	184	4404	Below Cal	#	97

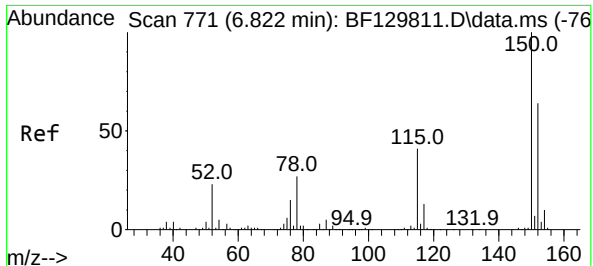
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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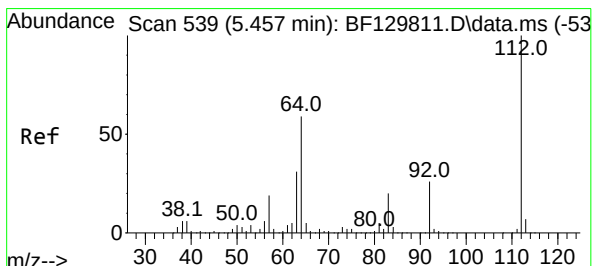
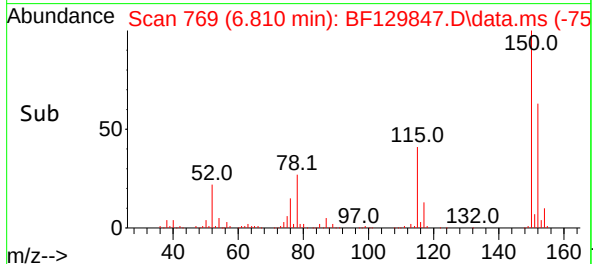
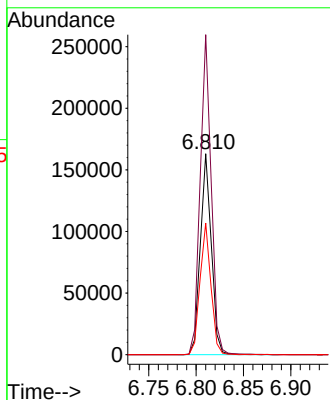
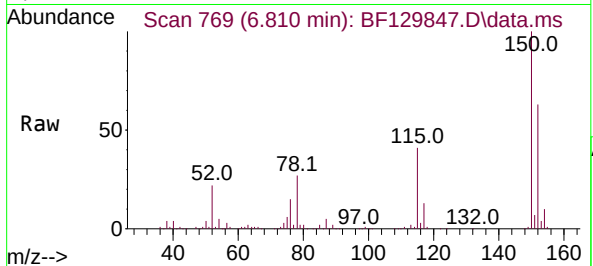




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

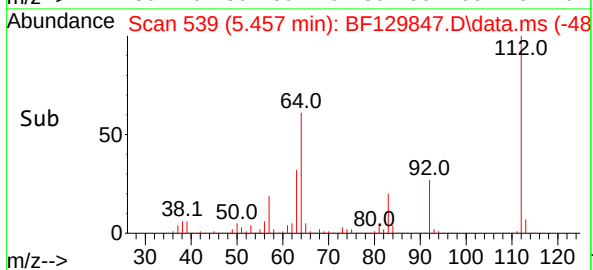
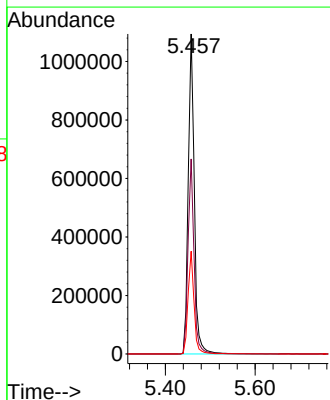
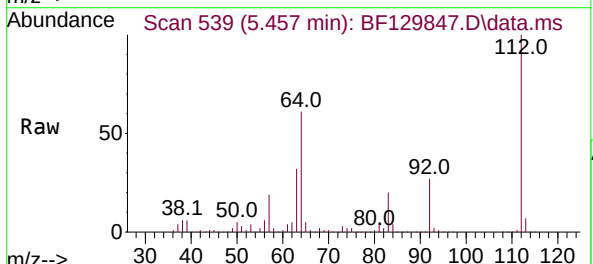
Instrument :
BNA_F
ClientSampleId :
PB146975TB

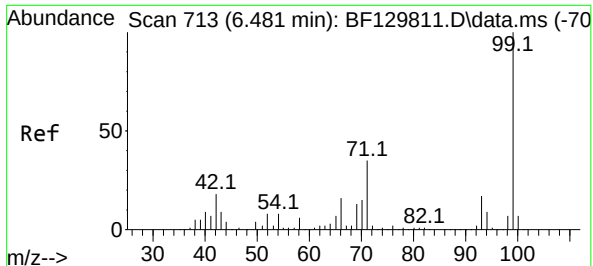
Tgt Ion:152 Resp: 132539
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 65.5 53.4 80.0



#5
2-Fluorophenol
Concen: 128.329 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:112 Resp: 1027272
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.1 24.6 37.0

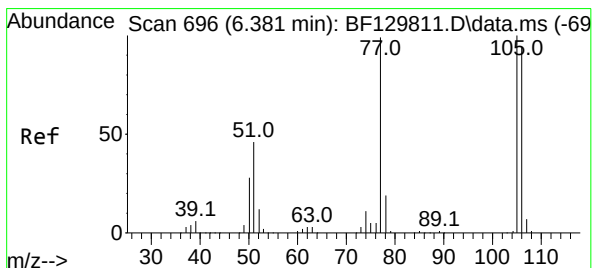
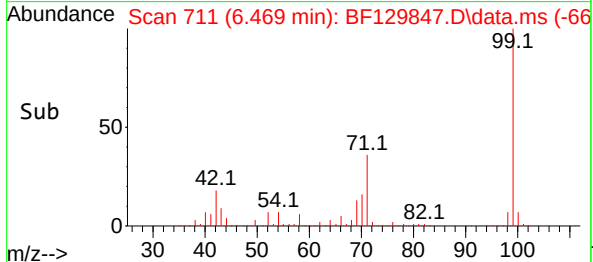
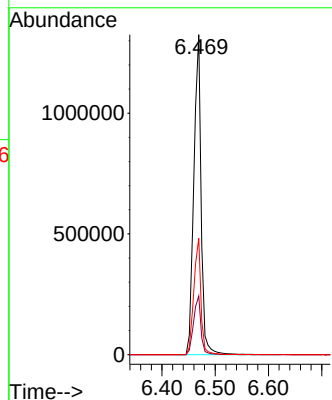
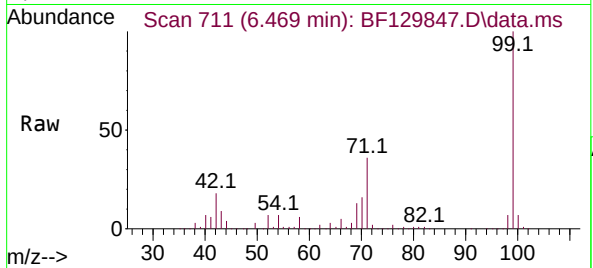




#7
Phenol-d6
Concen: 126.335 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

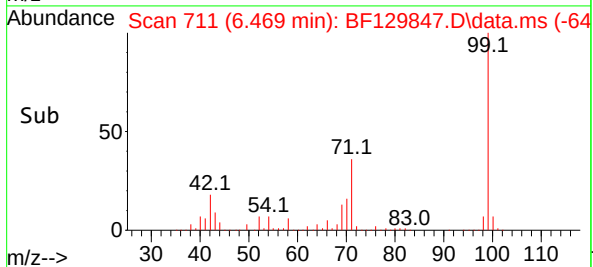
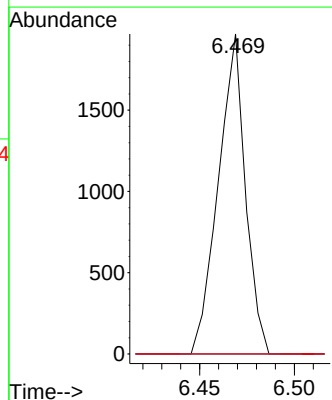
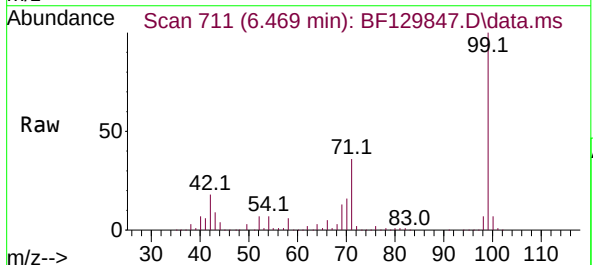
Instrument :
BNA_F
ClientSampleId :
PB146975TB

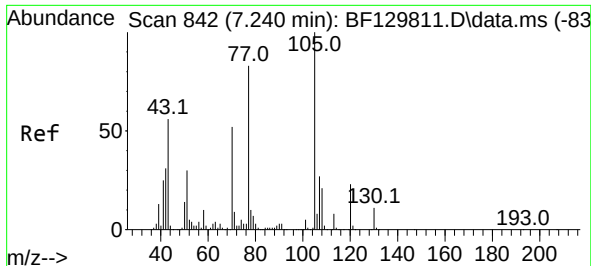
Tgt Ion: 99 Resp: 1266447
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 36.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.088 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion: 77 Resp: 1954
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

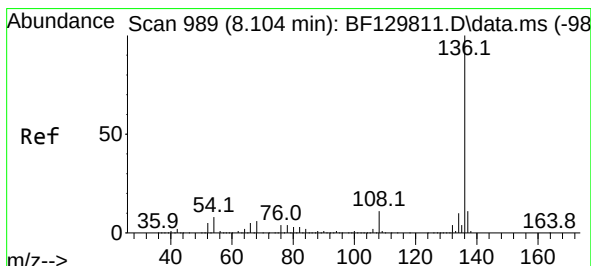
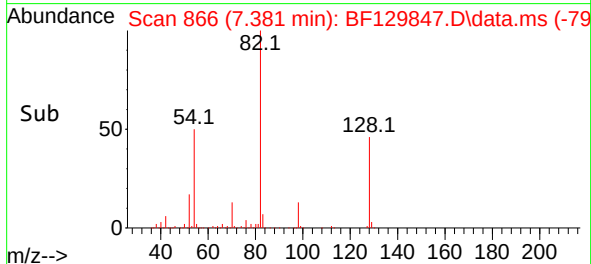
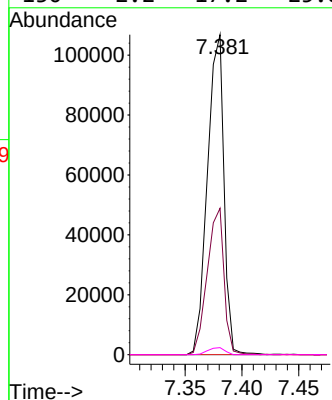
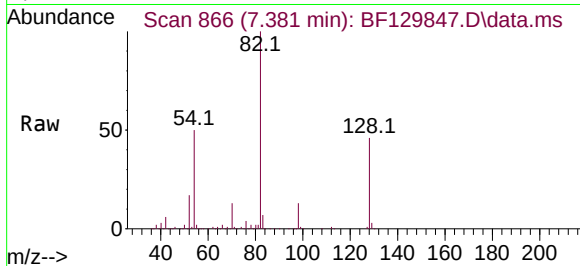




#19
n-Nitroso-di-n-propylamine
Concen: 17.036 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

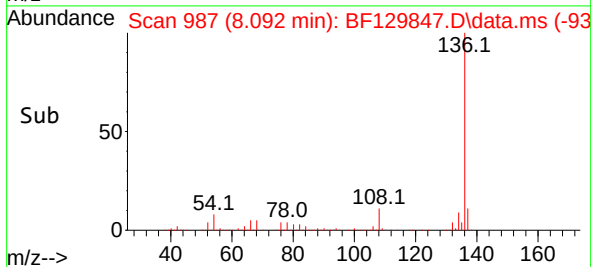
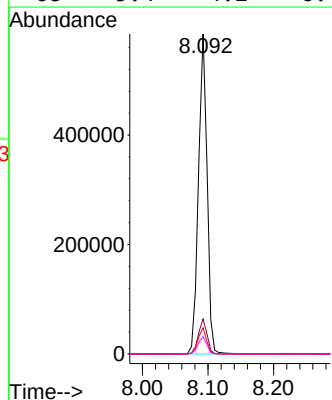
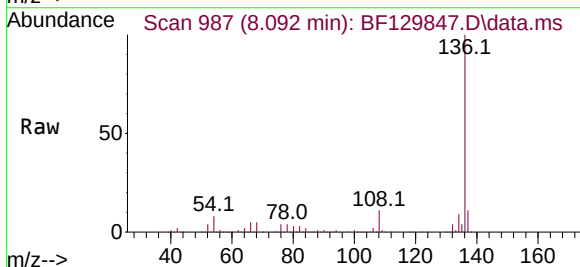
Instrument :
BNA_F
ClientSampleId :
PB146975TB

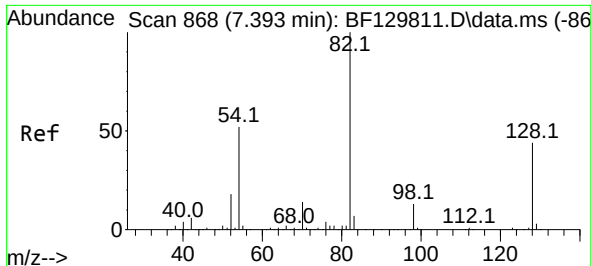
Tgt Ion: 70 Resp: 107944
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion: 136 Resp: 537441
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 79.685 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

Instrument :

BNA_F

ClientSampleId :

PB146975TB

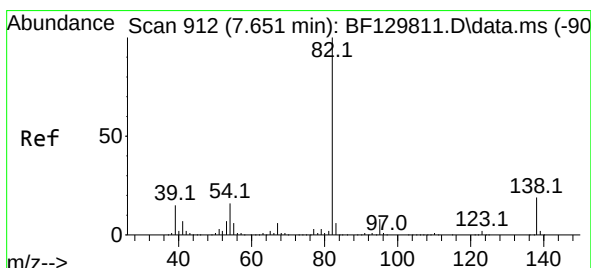
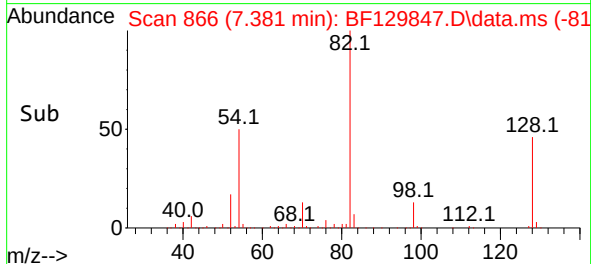
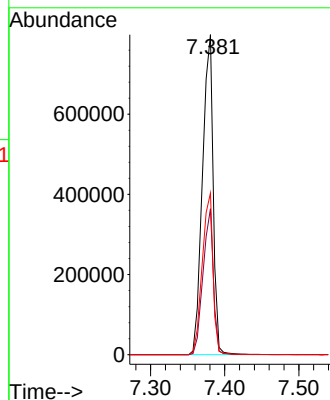
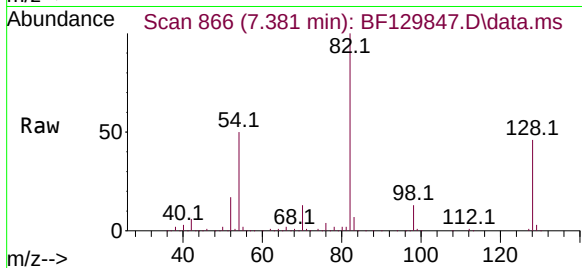
Tgt Ion: 82 Resp: 800014

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 50.5 40.0 60.0



#25

Isophorone

Concen: 46.297 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.271 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

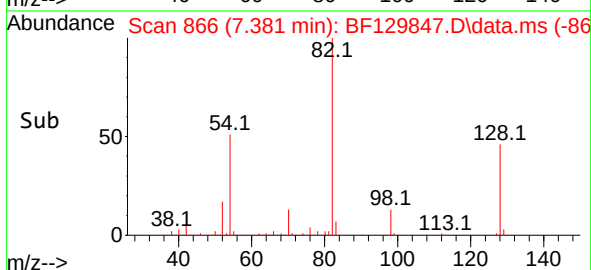
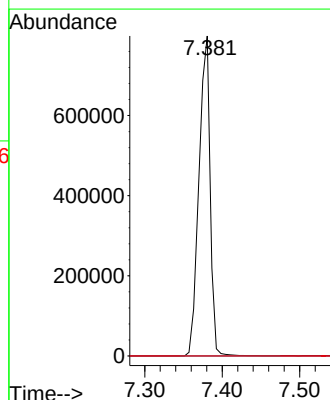
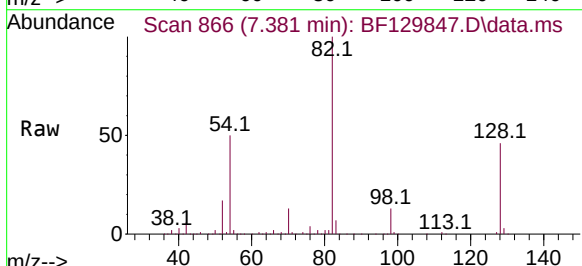
Tgt Ion: 82 Resp: 800005

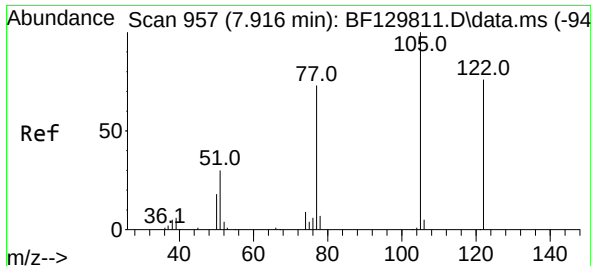
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

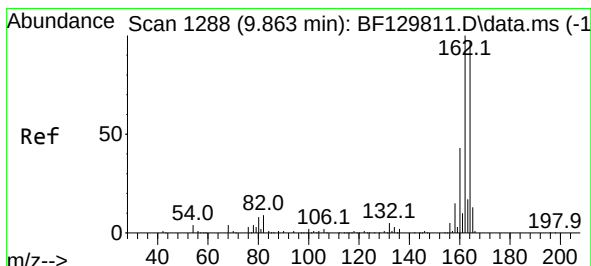
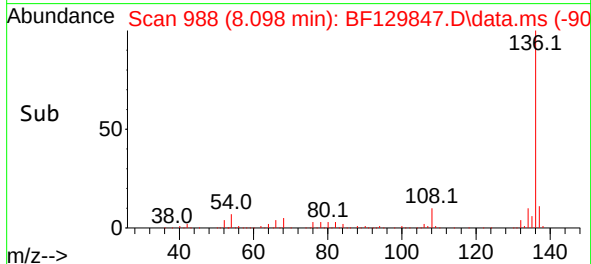
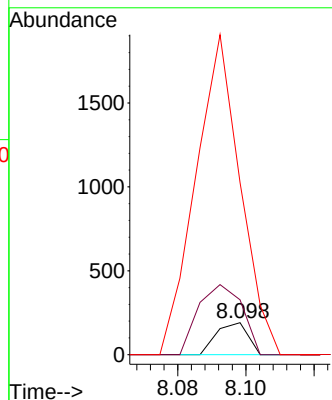
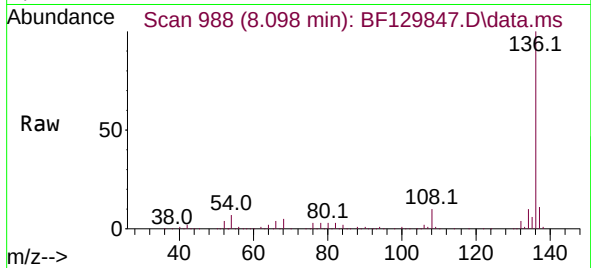




#32
Benzoic acid
Concen: 2.199 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

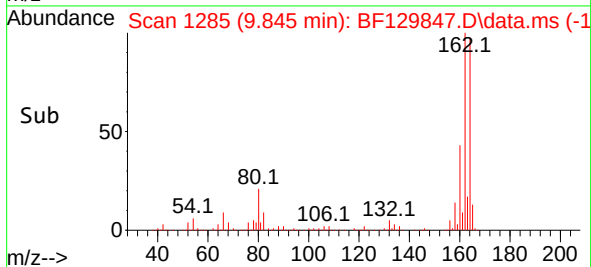
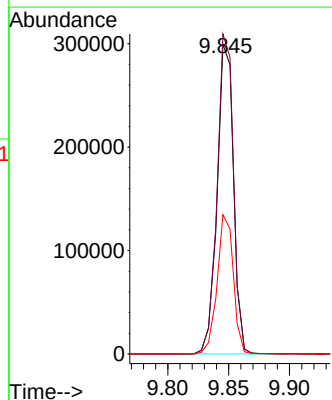
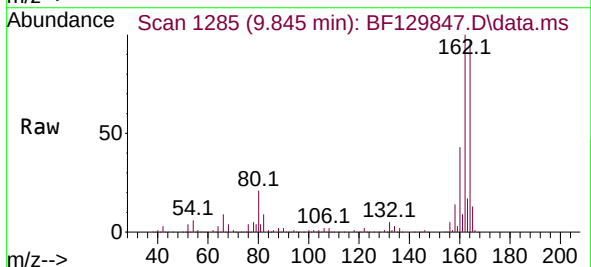
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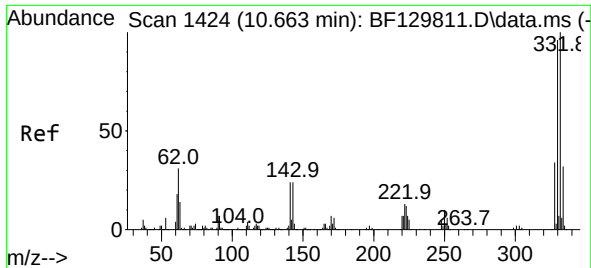
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 171.2 99.9 139.9#
77 537.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:164 Resp: 281450
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 44.9 35.4 53.0

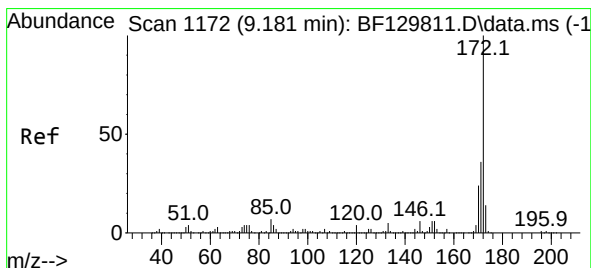
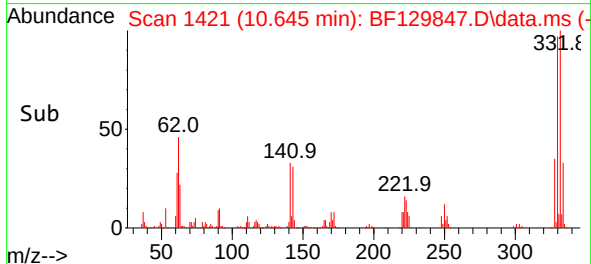
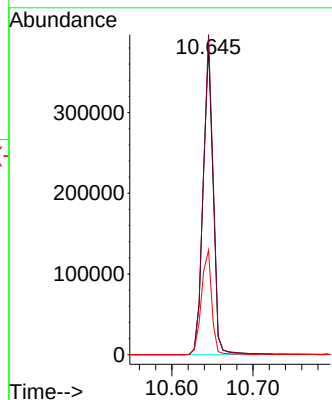
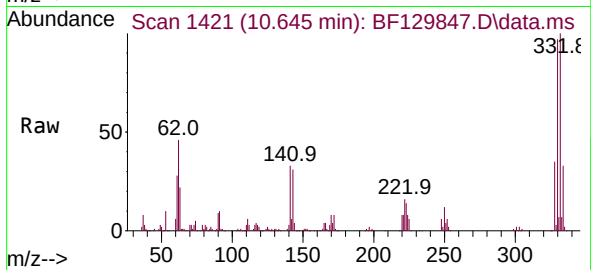




#42
2,4,6-Tribromophenol
Concen: 116.765 ng
RT: 10.645 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

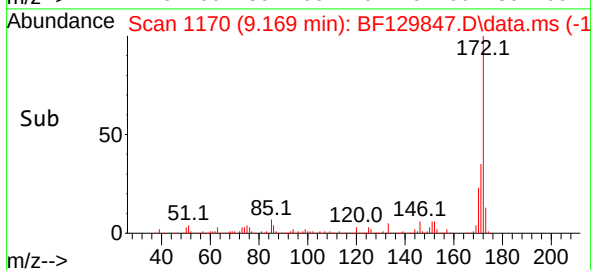
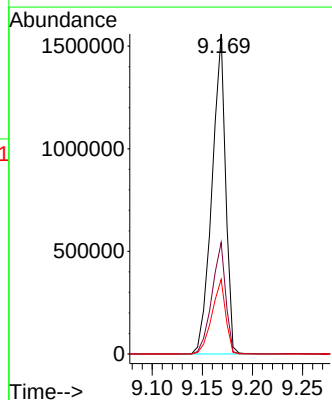
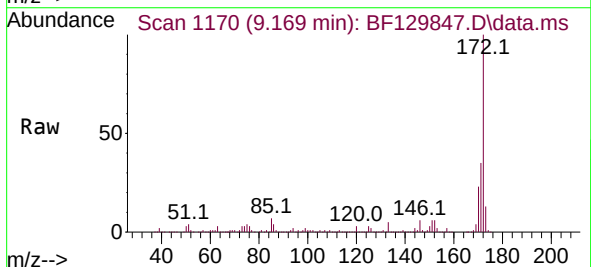
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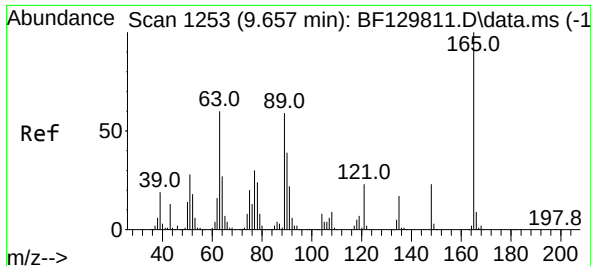
Tgt Ion:330 Resp: 329834
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 35.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.705 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:172 Resp: 1477009
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.259 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.188 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

Instrument :

BNA_F

ClientSampleId :

PB146975TB

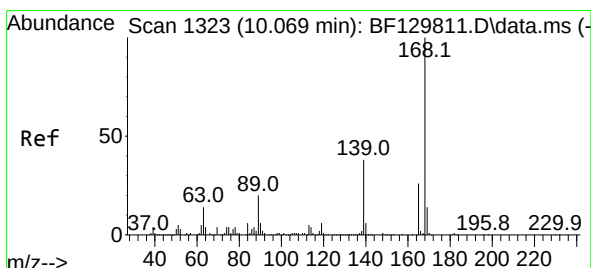
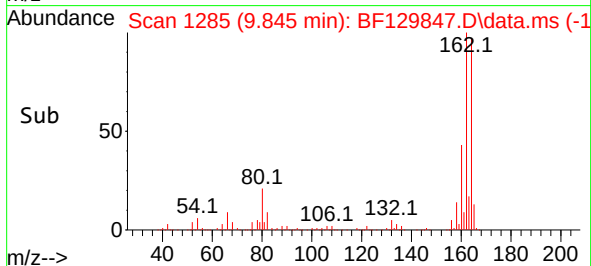
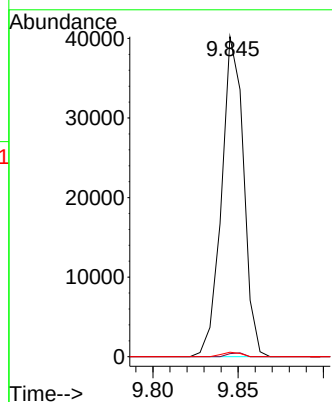
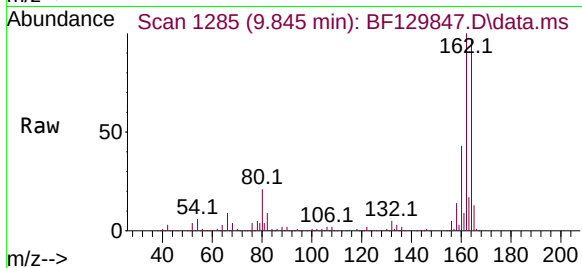
Tgt Ion:165 Resp: 36149

Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.363 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.224 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

Tgt Ion:165 Resp: 36149

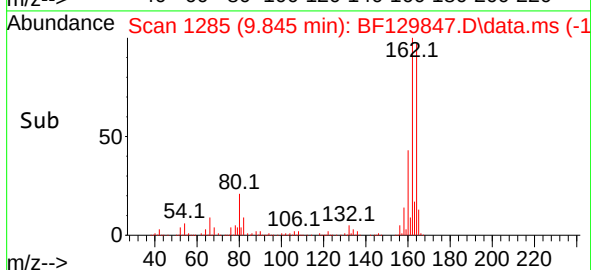
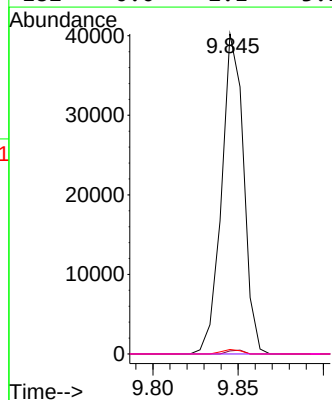
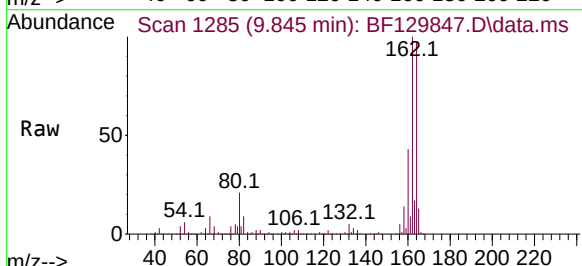
Ion Ratio Lower Upper

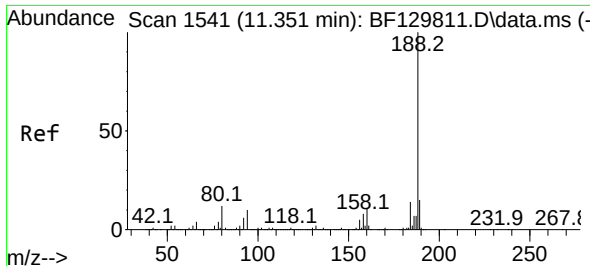
165 100

63 0.9 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#

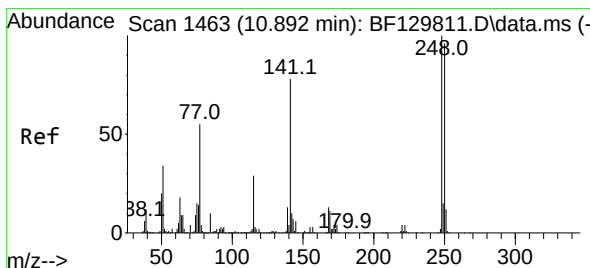
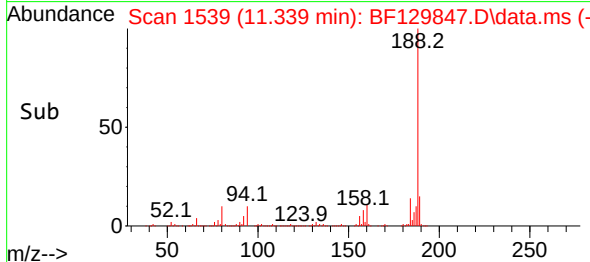
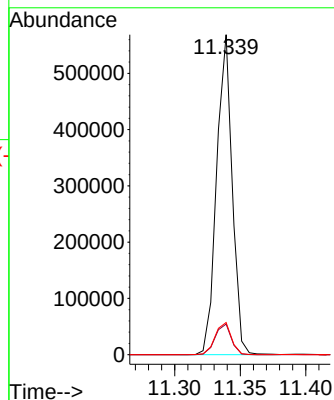
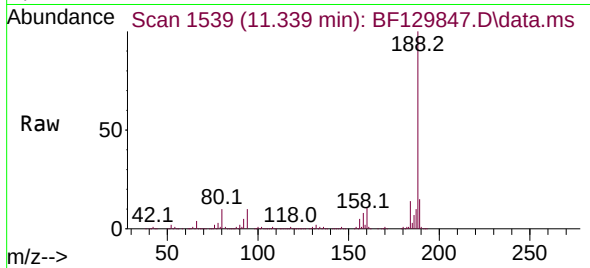




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

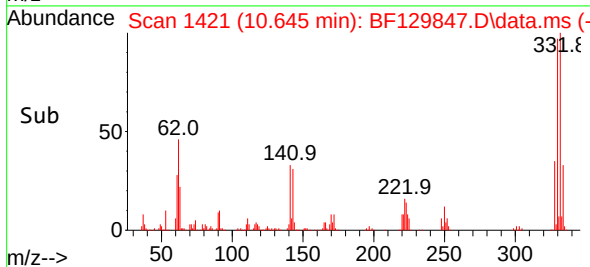
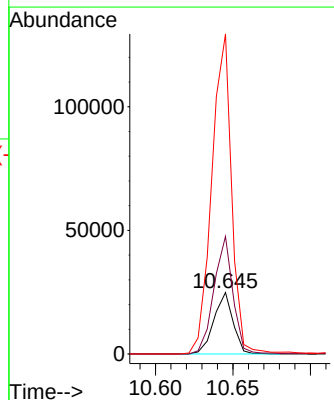
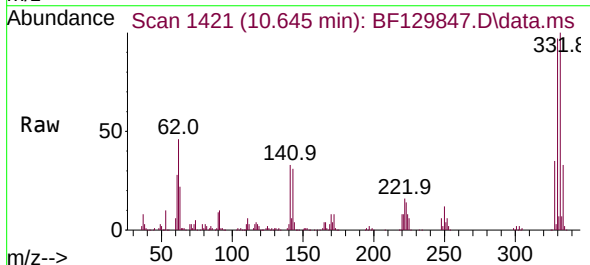
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ClientSampleId :
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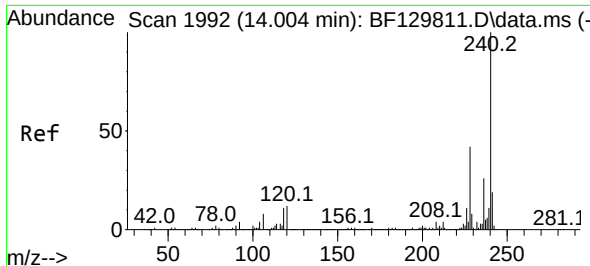
Tgt Ion:188 Resp: 469471
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.885 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.247 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:248 Resp: 21364
Ion Ratio Lower Upper
248 100
250 191.7 77.8 116.6#
141 521.2 66.2 99.2#

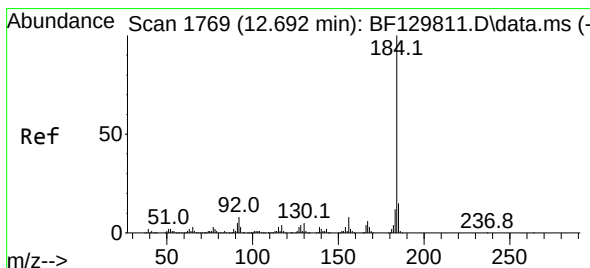
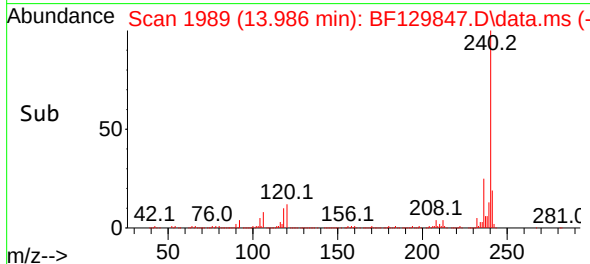
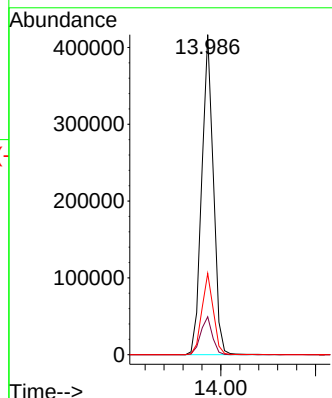
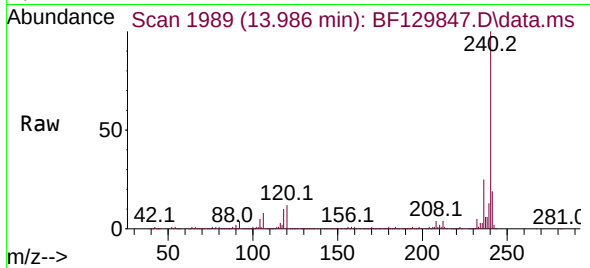




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

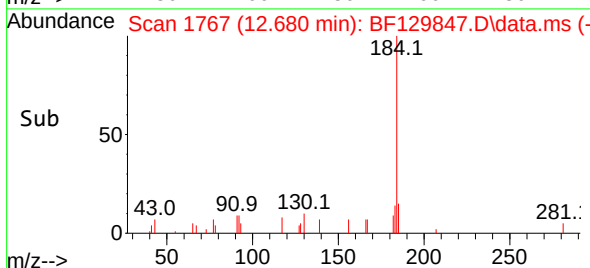
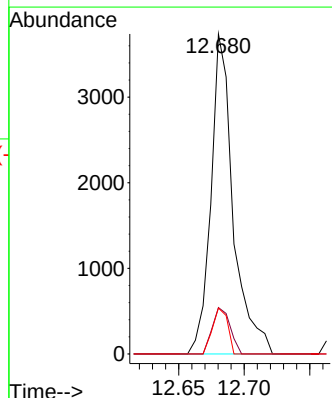
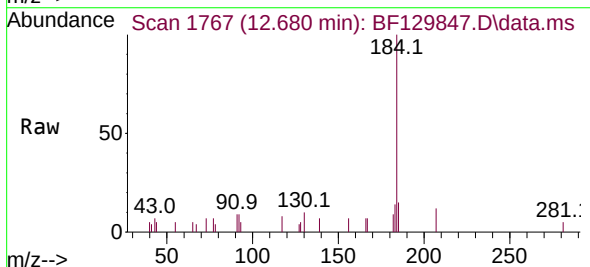
Instrument :
BNA_F
ClientSampleId :
PB146975TB

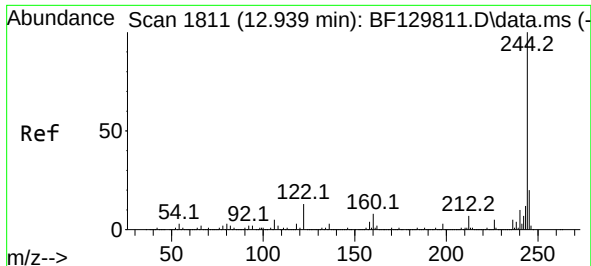
Tgt Ion:240 Resp: 356178
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.4 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.680 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:184 Resp: 4404
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 14.3 9.4 14.2#

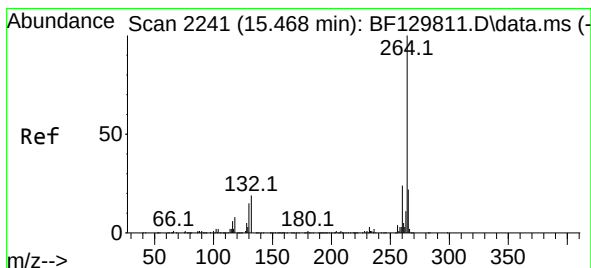
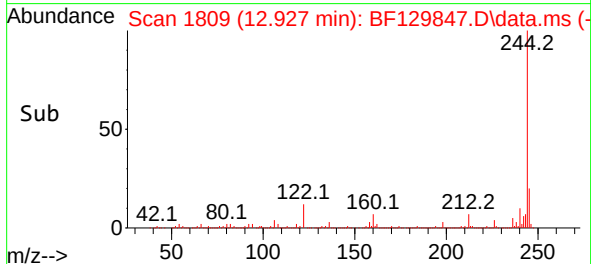
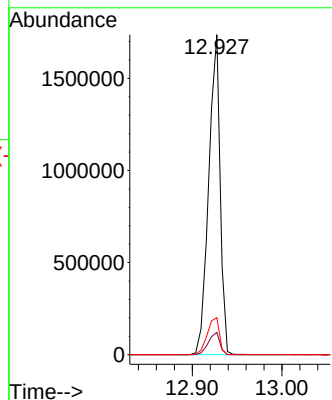
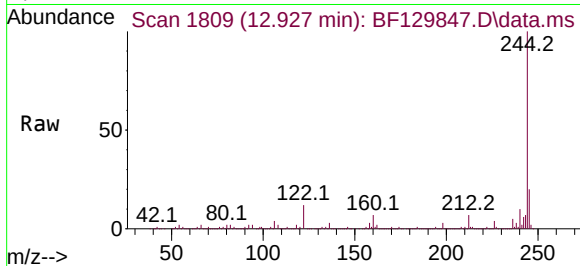




#79
 Terphenyl-d14
 Concen: 71.701 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.012 min
 Lab File: BF129847.D
 Acq: 17 Aug 2022 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB146975TB

Tgt Ion:244 Resp: 1534810
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.018 min
 Lab File: BF129847.D
 Acq: 17 Aug 2022 16:49

Tgt Ion:264 Resp: 280730
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 16.7 25.1

