

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129947.D
 Acq On : 23 Aug 2022 10:45
 Operator : CG\JU
 Sample : PB147059BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BL

Quant Time: Aug 23 13:22:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

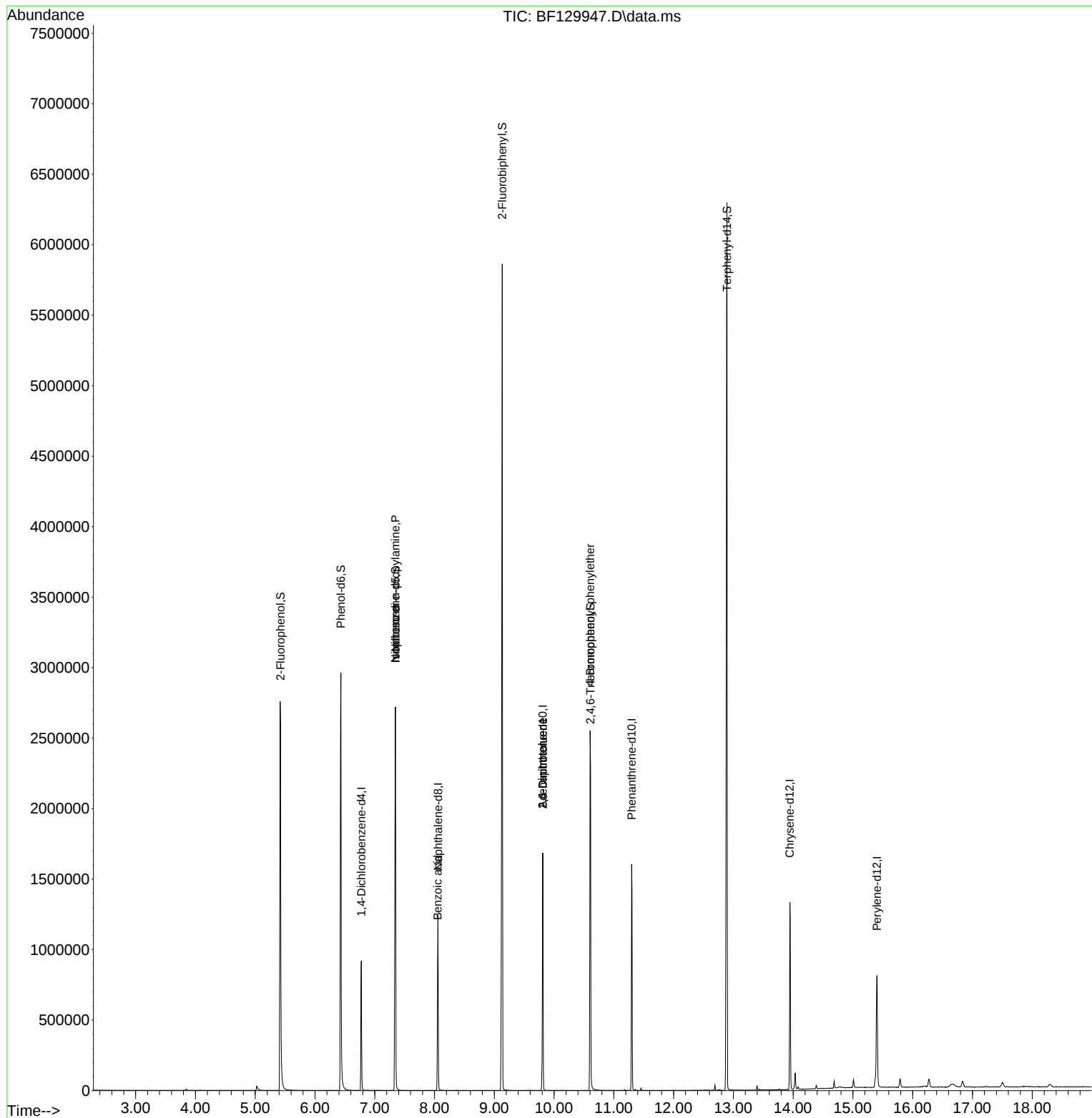
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	128871	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	555839	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	313132	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	558675	20.000	ng	0.00
76) Chrysene-d12	13.945	240	451215	20.000	ng	0.00
86) Perylene-d12	15.404	264	367724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	803475	103.228	ng	0.01
7) Phenol-d6	6.434	99	989589	101.527	ng	0.00
23) Nitrobenzene-d5	7.345	82	965686	93.003	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	296521	94.351	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1802903	87.447	ng	0.00
79) Terphenyl-d14	12.892	244	2239228	82.576	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	1573	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	131500	21.344	ng	# 78
25) Isophorone	7.345	82	965676	54.035	ng	# 65
32) Benzoic acid	8.051	122	72	2.177	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	40480	8.313	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	40480	6.404	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	19121	2.922	ng	# 1
77) Benzidine	12.651	184	1938	Below Cal	#	85

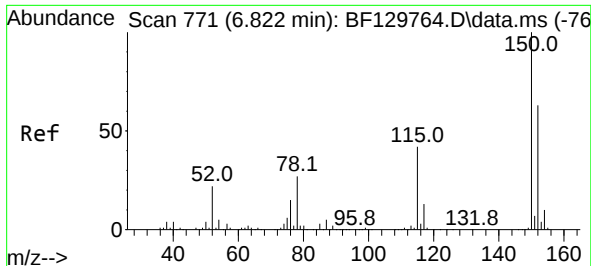
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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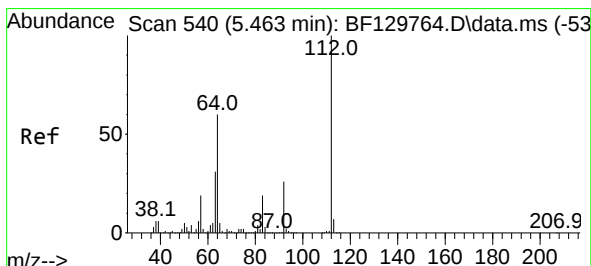
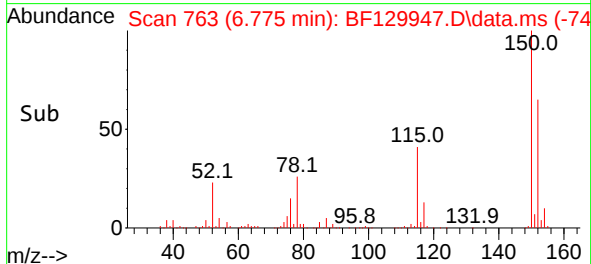
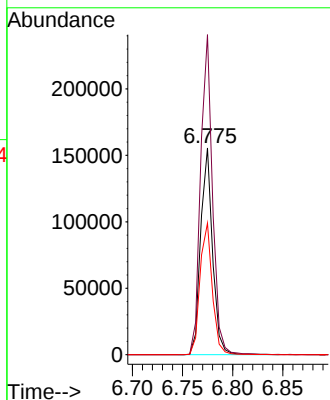
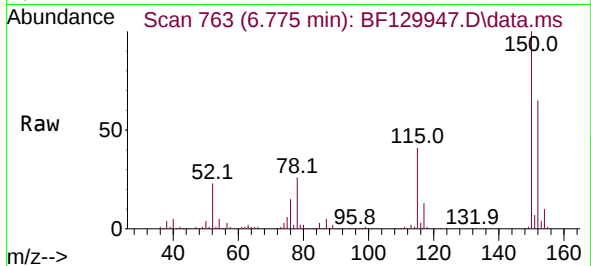




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

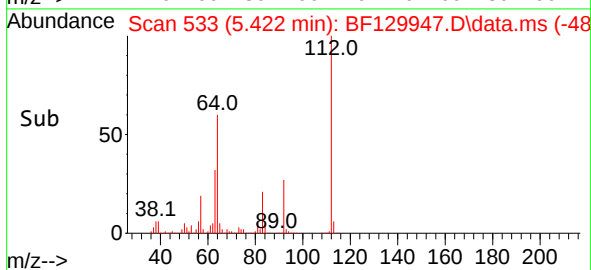
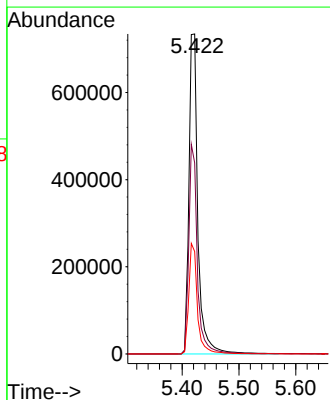
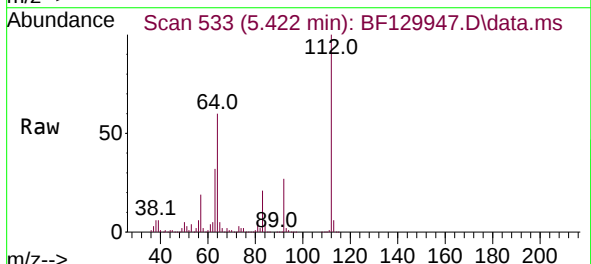
Instrument :
BNA_F
ClientSampleId :
PB147059BL

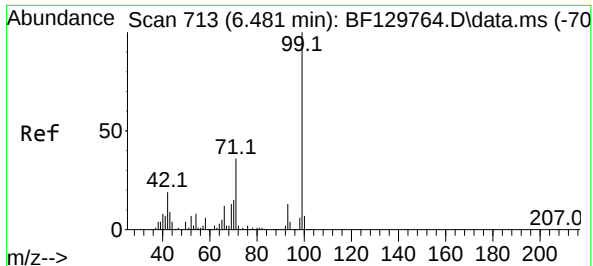
Tgt Ion:152 Resp: 128871
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 103.228 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:112 Resp: 803475
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 32.0 24.6 37.0

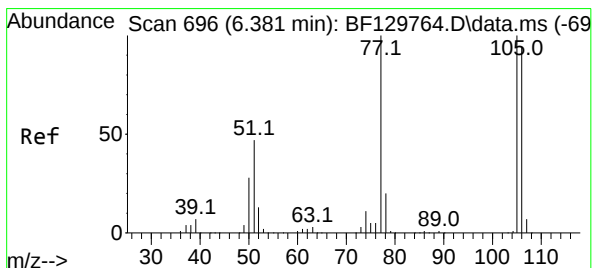
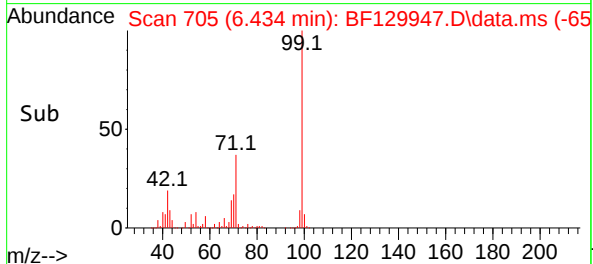
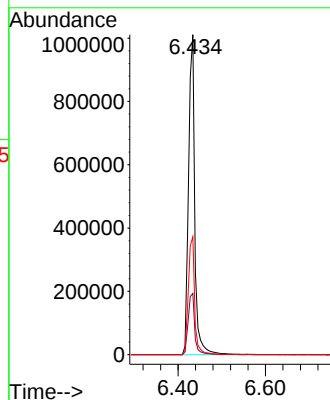
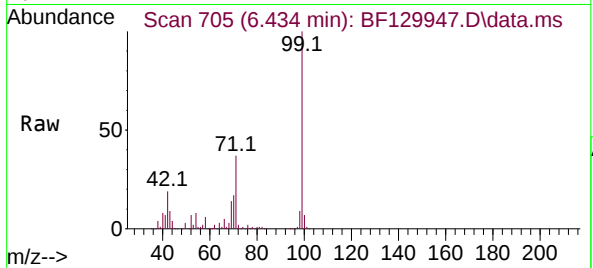




#7
Phenol-d6
Concen: 101.527 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

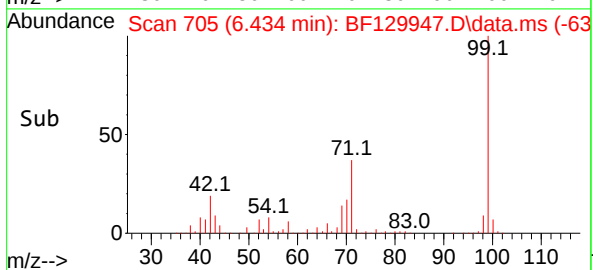
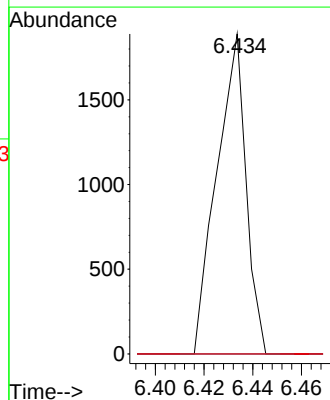
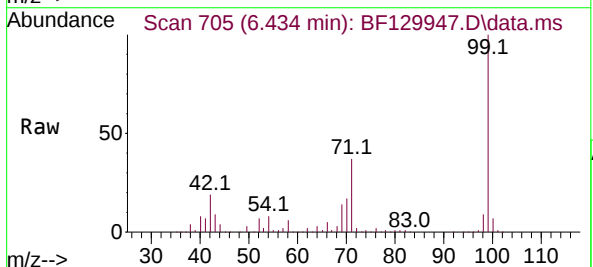
Instrument :
BNA_F
ClientSampleId :
PB147059BL

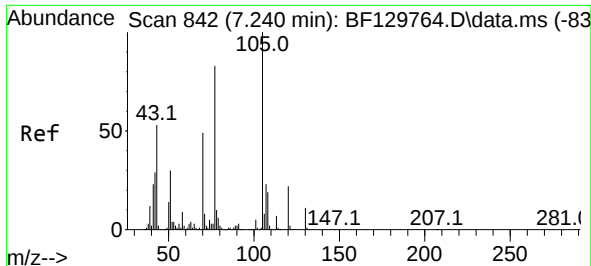
Tgt Ion: 99 Resp: 989589
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 77 Resp: 1573
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

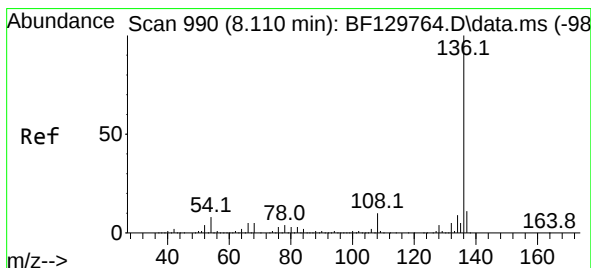
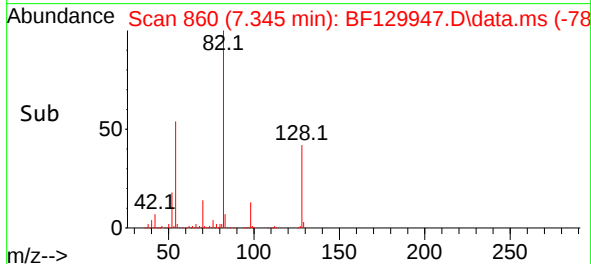
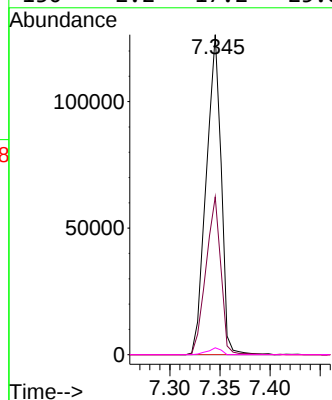
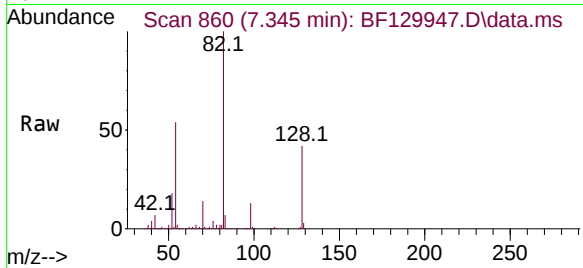




#19
n-Nitroso-di-n-propylamine
Concen: 21.344 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

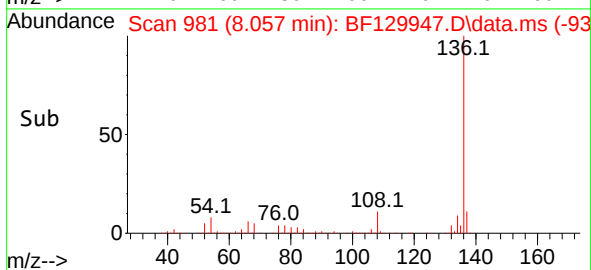
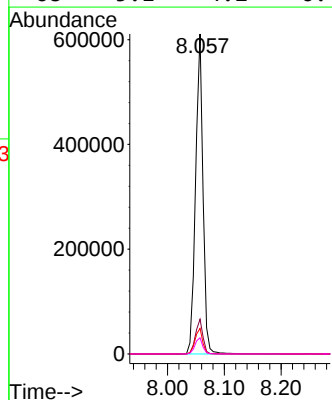
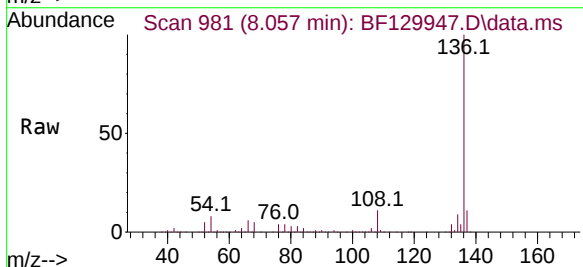
Instrument :
BNA_F
ClientSampleId :
PB147059BL

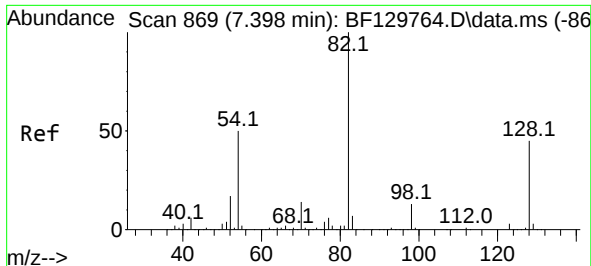
Tgt Ion: 70 Resp: 131500
Ion Ratio Lower Upper
70 100
42 49.3 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:136 Resp: 555839
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.003 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB147059BL

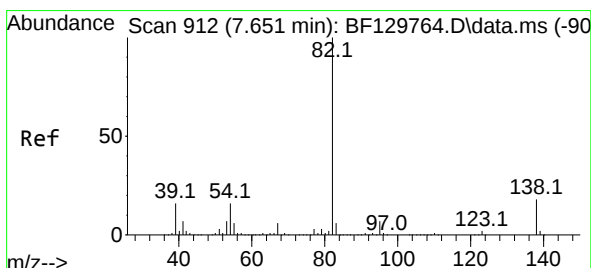
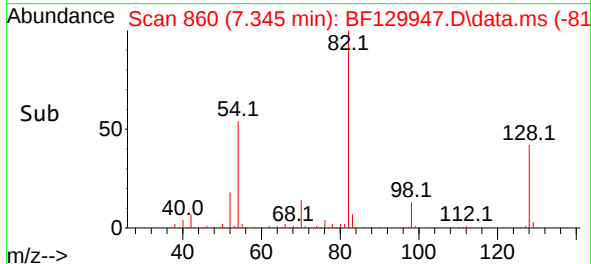
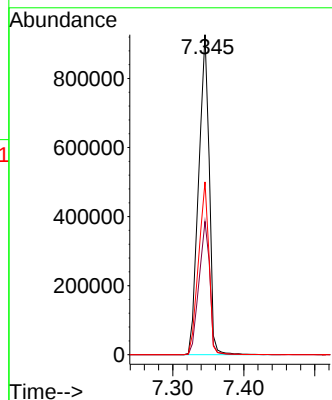
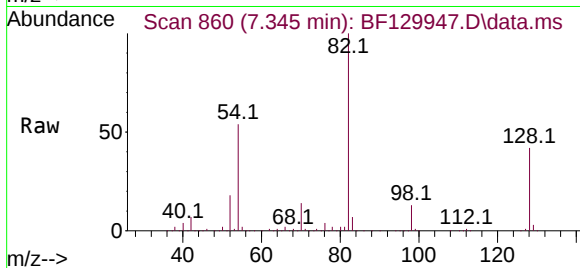
Tgt Ion: 82 Resp: 965686

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

54 54.0 40.0 60.0



#25

Isophorone

Concen: 54.035 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.259 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

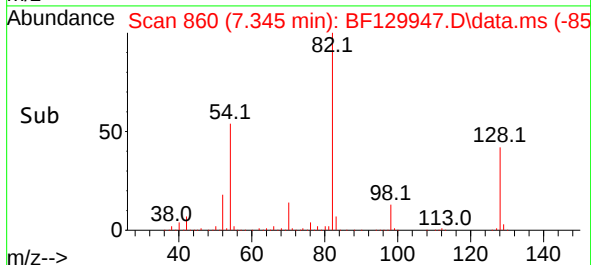
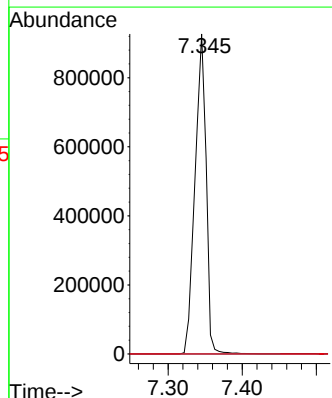
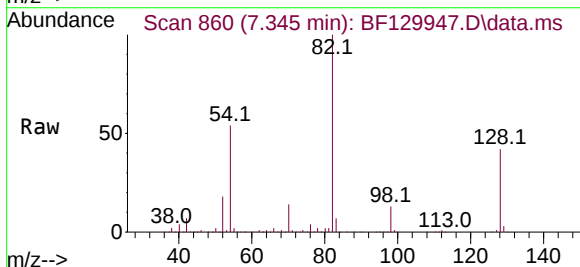
Tgt Ion: 82 Resp: 965676

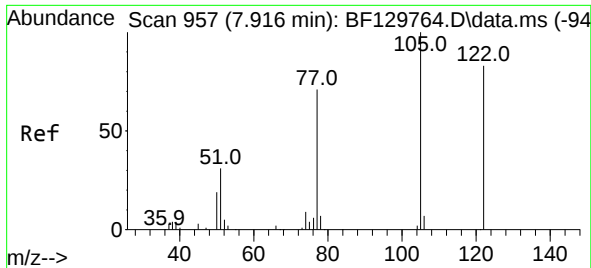
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

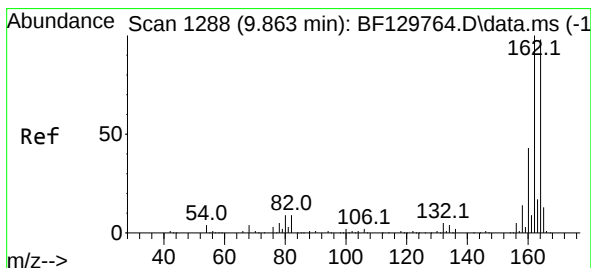
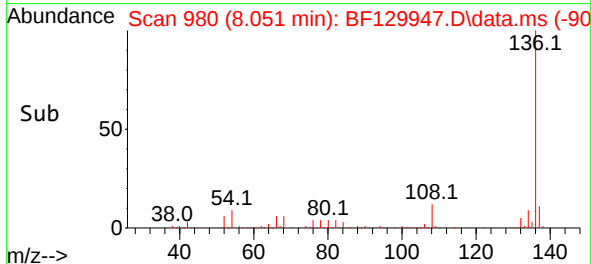
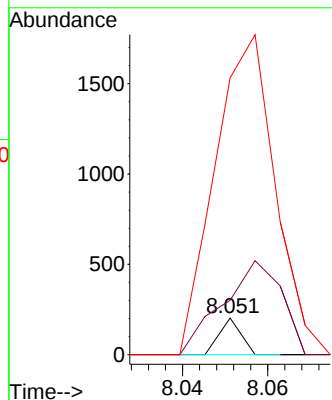
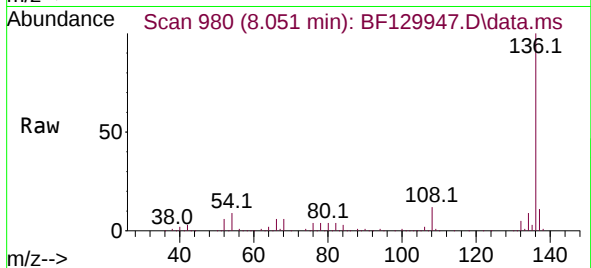




#32
Benzoic acid
Concen: 2.177 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

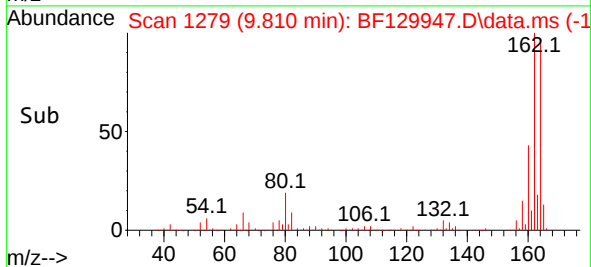
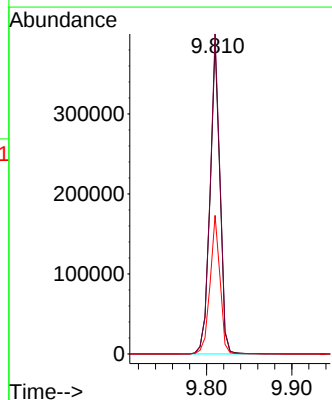
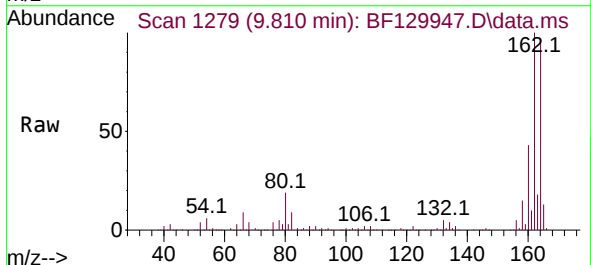
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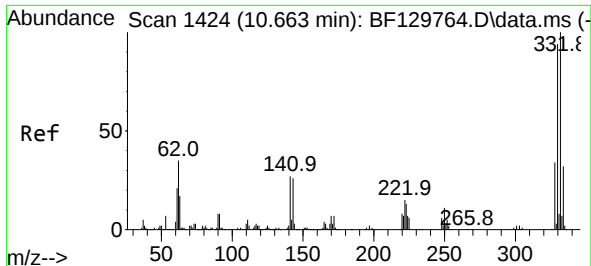
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 148.3 99.9 139.9#
77 754.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:164 Resp: 313132
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.5 35.4 53.0

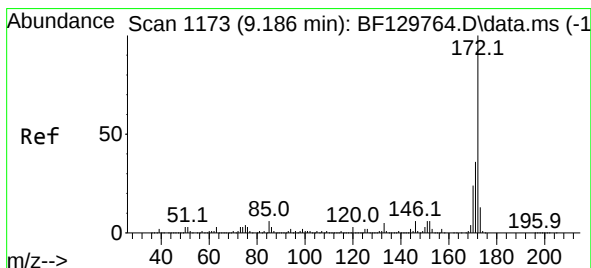
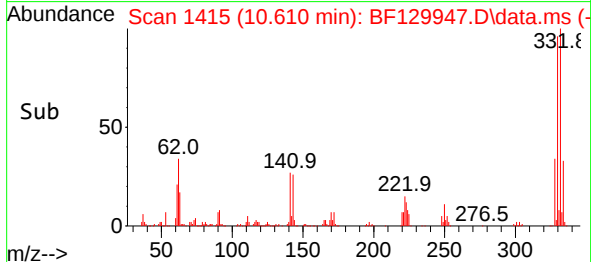
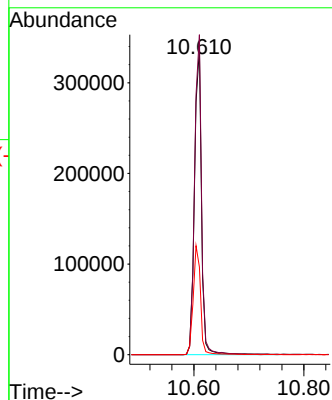
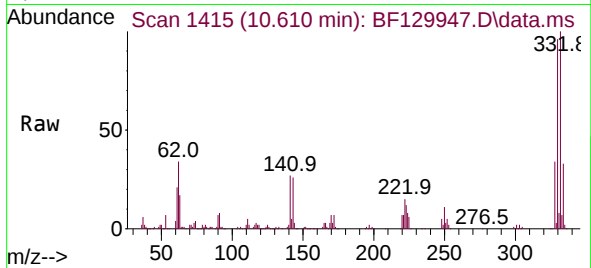




#42
2,4,6-Tribromophenol
Concen: 94.351 ng
RT: 10.610 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

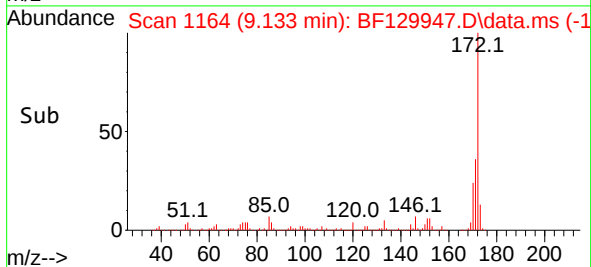
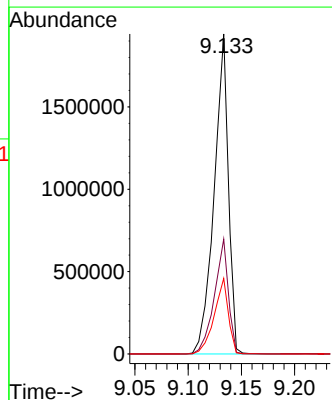
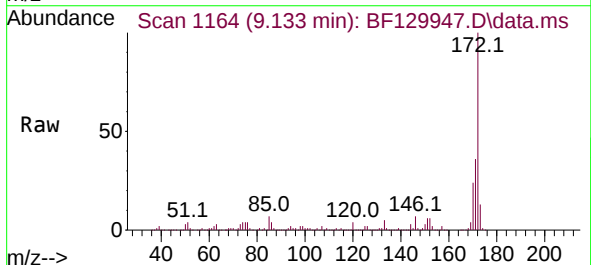
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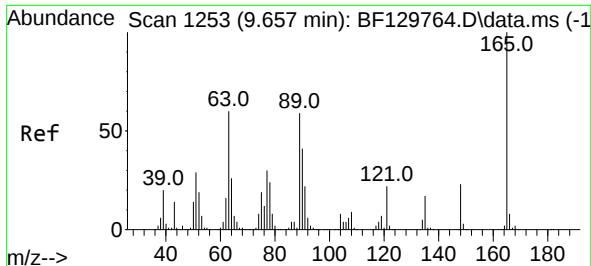
Tgt Ion:330 Resp: 296521
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 37.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 87.447 ng
RT: 9.133 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:172 Resp: 1802903
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.313 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB147059BL

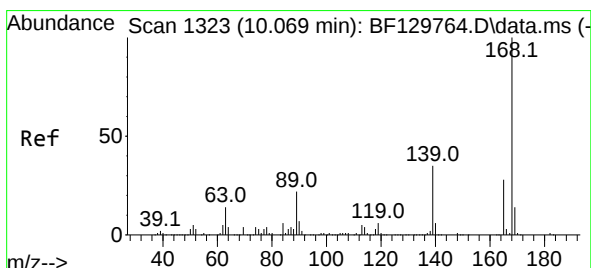
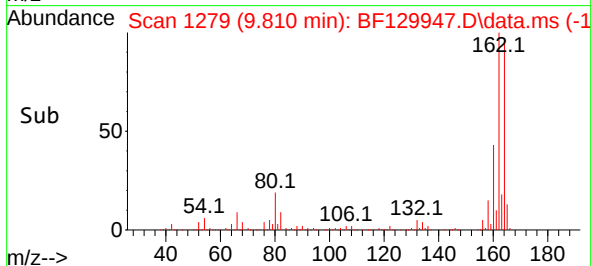
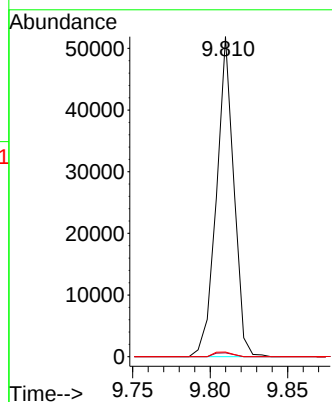
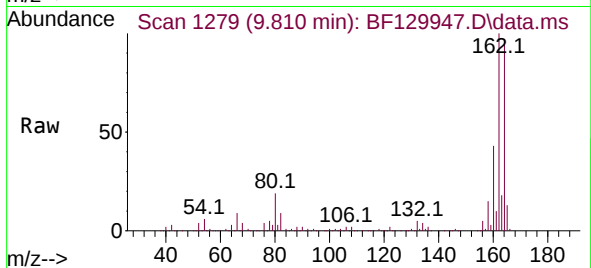
Tgt Ion:165 Resp: 40480

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.404 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Tgt Ion:165 Resp: 40480

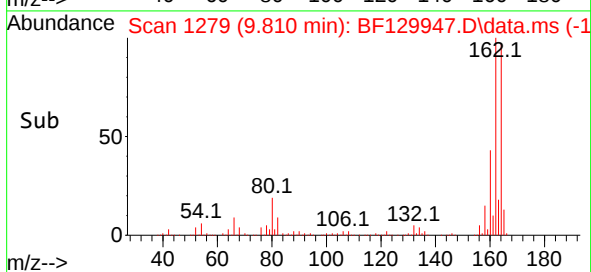
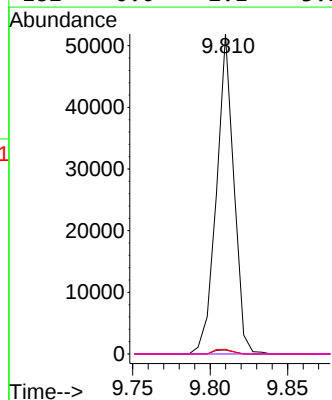
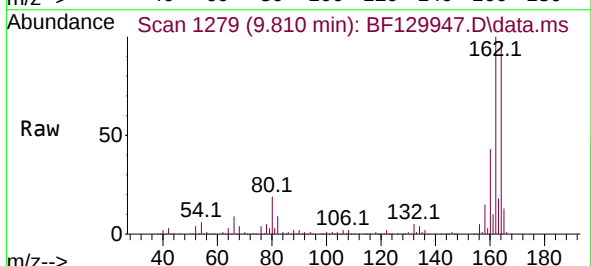
Ion Ratio Lower Upper

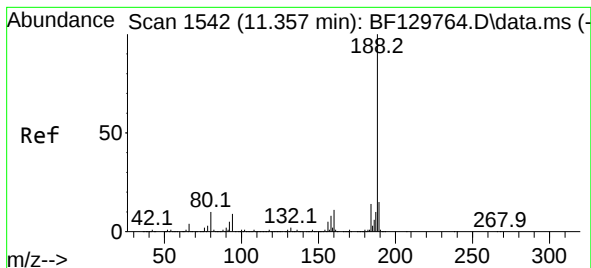
165 100

63 1.2 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: 11.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB147059BL

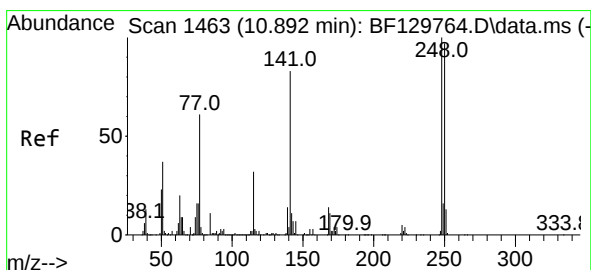
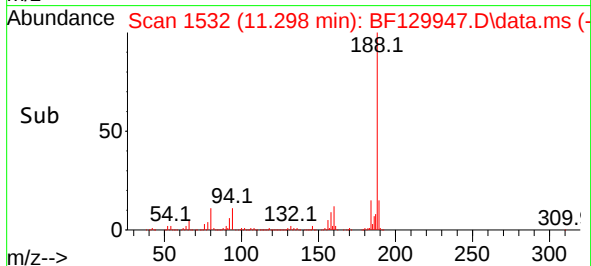
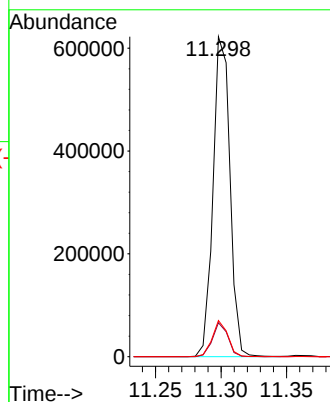
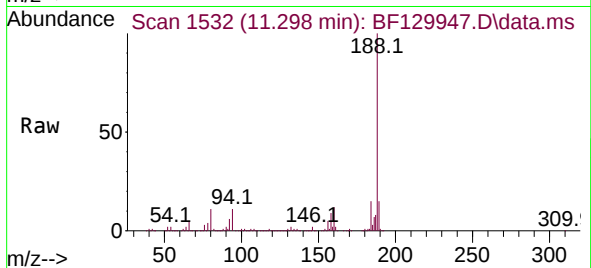
Tgt Ion:188 Resp: 558675

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 11.3 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.922 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.241 min

Lab File: BF129947.D

Acq: 23 Aug 2022 10:45

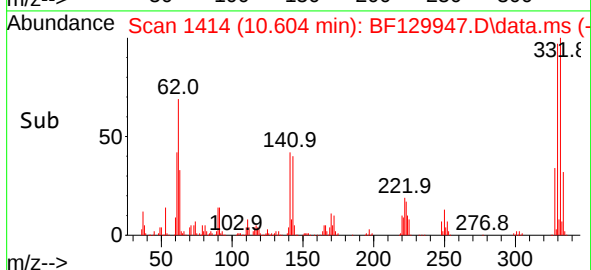
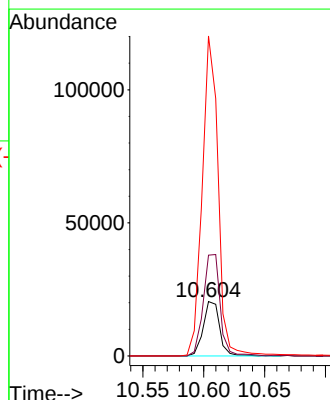
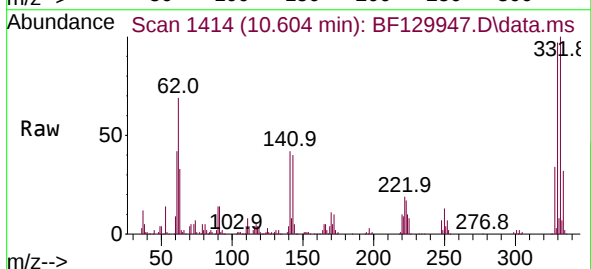
Tgt Ion:248 Resp: 19121

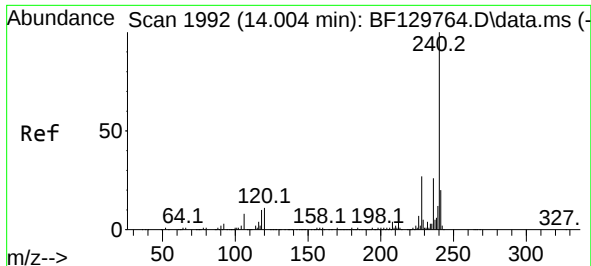
Ion Ratio Lower Upper

248 100

250 185.0 77.8 116.6#

141 587.4 66.2 99.2#

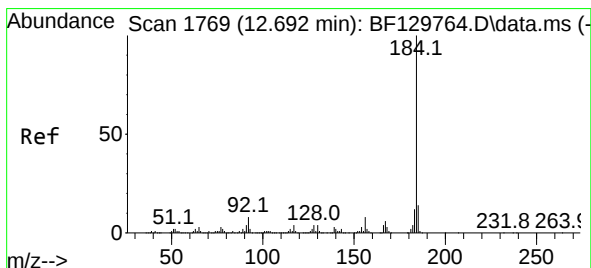
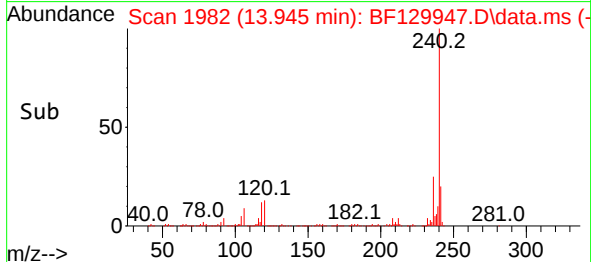
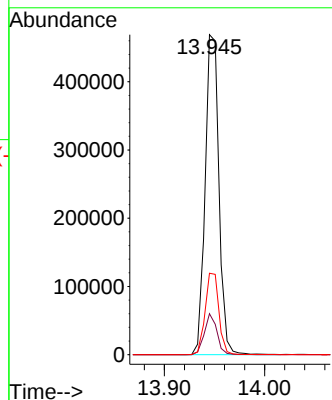
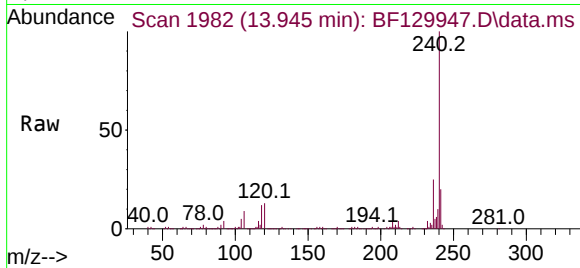




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

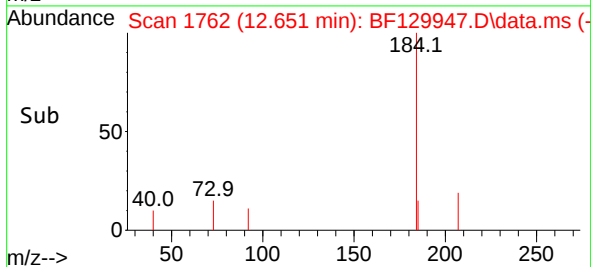
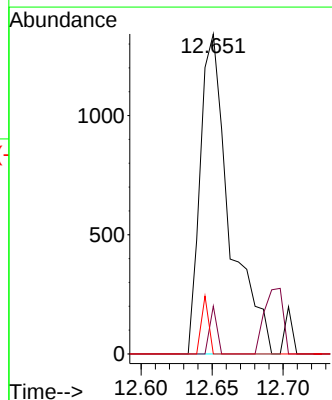
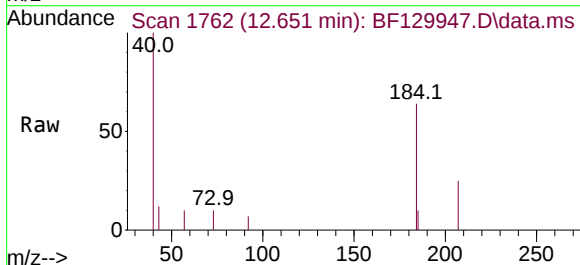
Instrument :
BNA_F
ClientSampleId :
PB147059BL

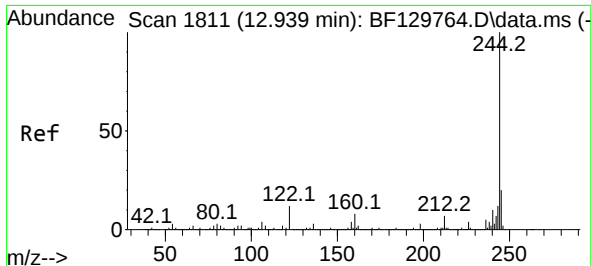
Tgt Ion:240 Resp: 451215
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.4 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.651 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BF129947.D
Acq: 23 Aug 2022 10:45

Tgt Ion:184 Resp: 1938
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 0.0 9.4 14.2#

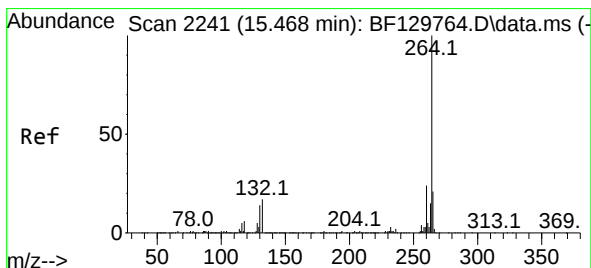
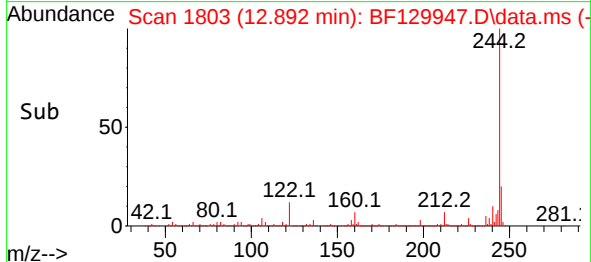
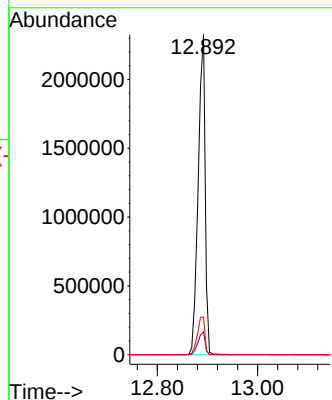
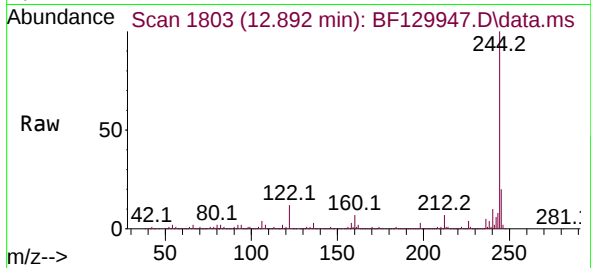




#79
 Terphenyl-d14
 Concen: 82.576 ng
 RT: 12.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129947.D
 Acq: 23 Aug 2022 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB147059BL

Tgt Ion:244 Resp: 2239228
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129947.D
 Acq: 23 Aug 2022 10:45

Tgt Ion:264 Resp: 367724
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.1 16.7 25.1

