

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129992.D
 Acq On : 25 Aug 2022 02:47
 Operator : CG\JU
 Sample : N4277-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U-2

Quant Time: Aug 25 04:20:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

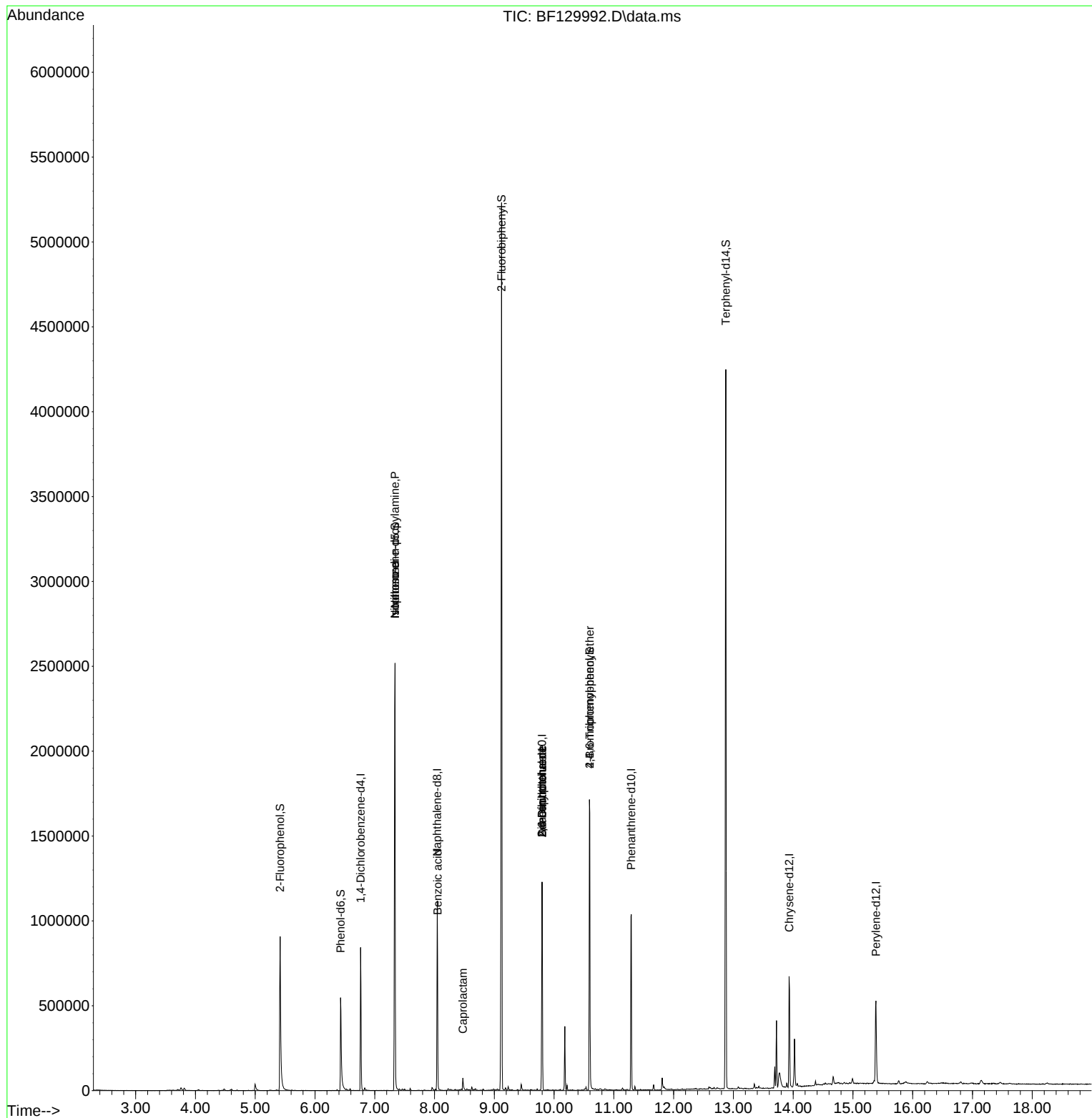
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	118606	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	463806	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	237587	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	378986	20.000	ng	0.00
76) Chrysene-d12	13.933	240	216223	20.000	ng	0.00
86) Perylene-d12	15.386	264	220530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	293436	40.963	ng	0.01
7) Phenol-d6	6.428	99	216833	24.171	ng	0.00
23) Nitrobenzene-d5	7.339	82	849433	98.040	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	196120	82.246	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1509658	96.507	ng	0.00
79) Terphenyl-d14	12.874	244	1334185	102.672	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.328	77	62	Below Cal	#	16
19) n-Nitroso-di-n-propyla...	7.339	70	115965	20.451	ng	# 77
25) Isophorone	7.339	82	849423	56.961	ng	# 65
32) Benzoic acid	8.051	122	118	2.205	ng	# 1
35) Caprolactam	8.475	113	7395	3.529	ng	# 82
50) Dimethylphthalate	9.798	163	40546	2.381	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	30638	8.293	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	30638	6.388	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	12201	2.749	ng	# 1
77) Benzidine	12.874	184	19469	Below Cal	#	95

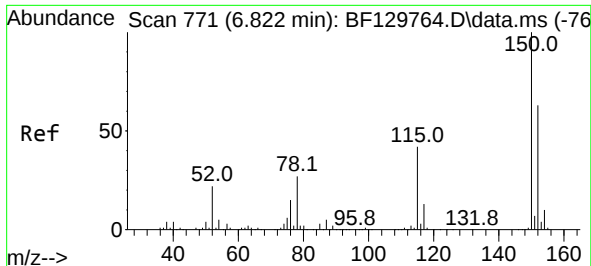
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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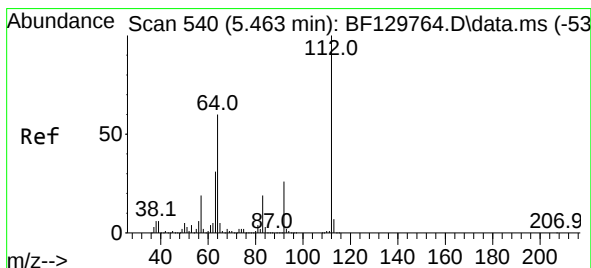
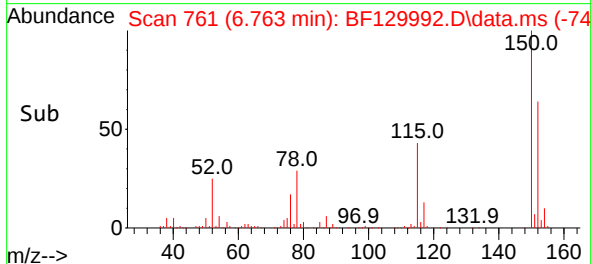
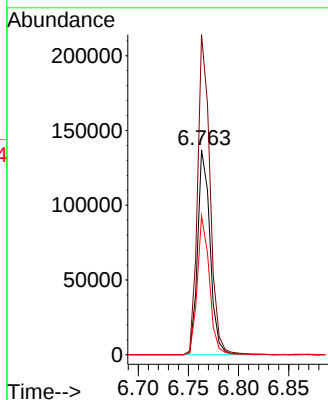
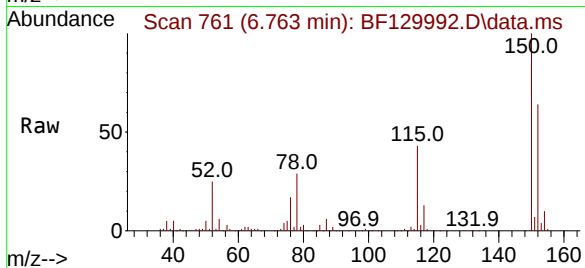




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

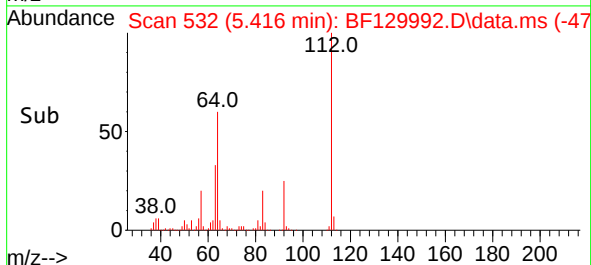
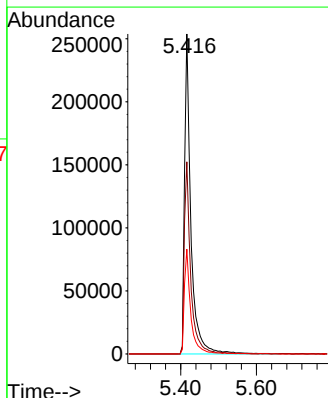
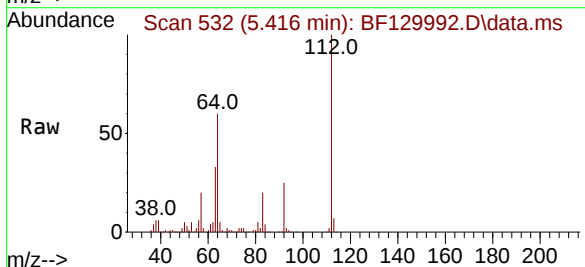
Instrument :
BNA_F
ClientSampleId :
U-2

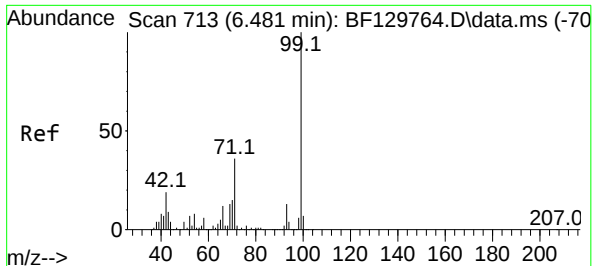
Tgt Ion:152 Resp: 118606
Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 67.7 53.4 80.0



#5
2-Fluorophenol
Concen: 40.963 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.012 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion:112 Resp: 293436
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 32.7 24.6 37.0

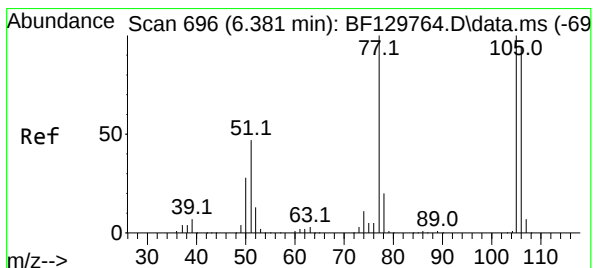
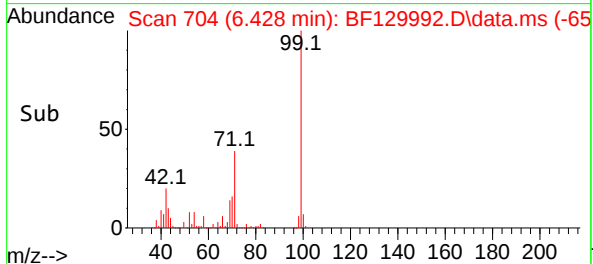
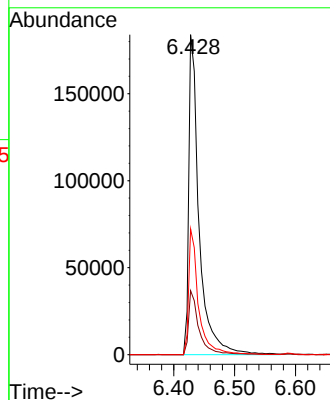
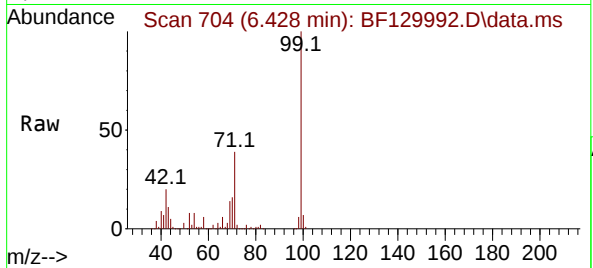




#7
Phenol-d6
Concen: 24.171 ng
RT: 6.428 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

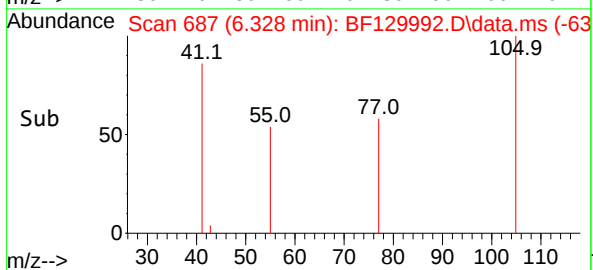
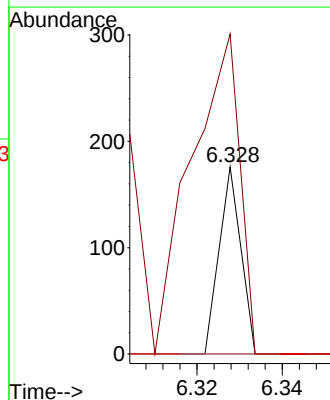
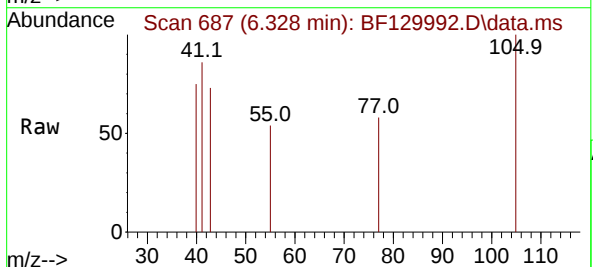
Instrument :
BNA_F
ClientSampleId :
U-2

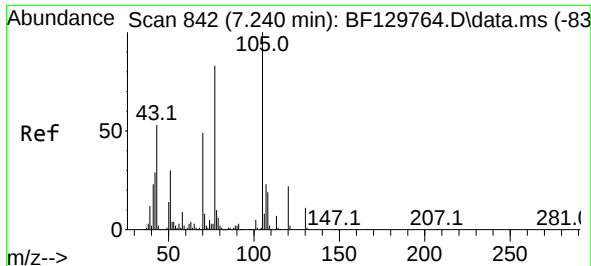
Tgt Ion: 99 Resp: 216833
Ion Ratio Lower Upper
99 100
42 20.0 15.0 22.4
71 39.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.328 min Scan# 687
Delta R.T. -0.000 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
105 171.0 80.3 120.3#
106 0.0 74.3 114.3#

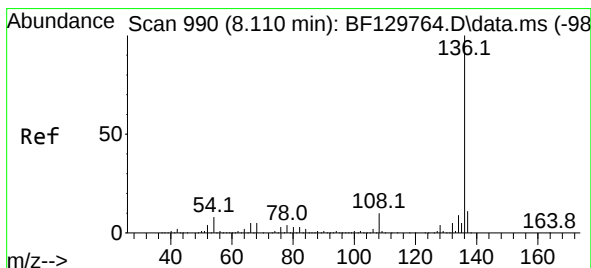
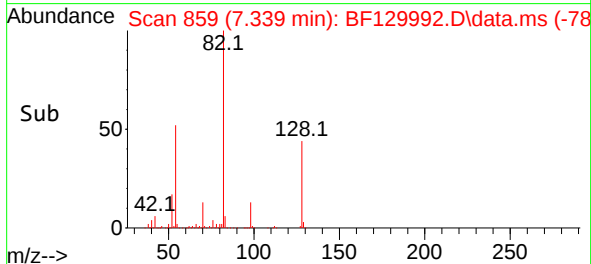
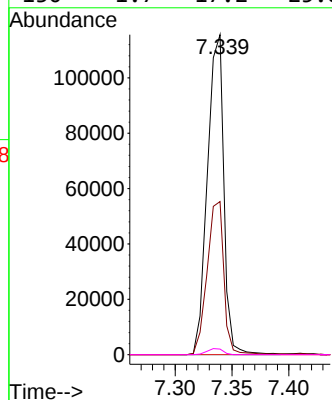
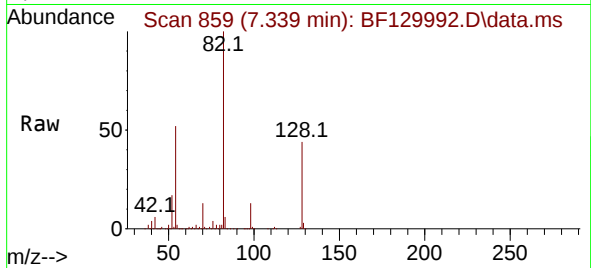




#19
n-Nitroso-di-n-propylamine
Concen: 20.451 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

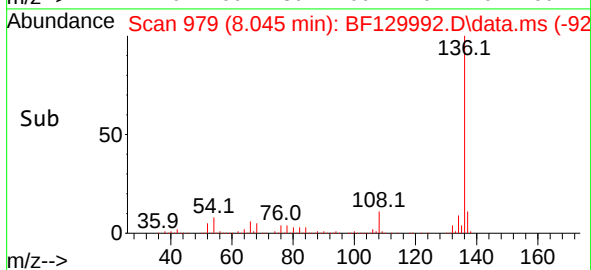
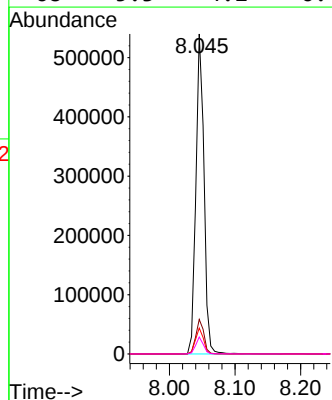
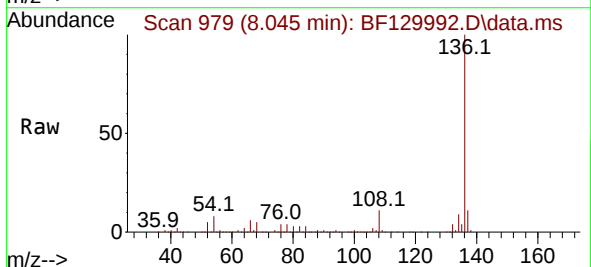
Instrument :
BNA_F
ClientSampleId :
U-2

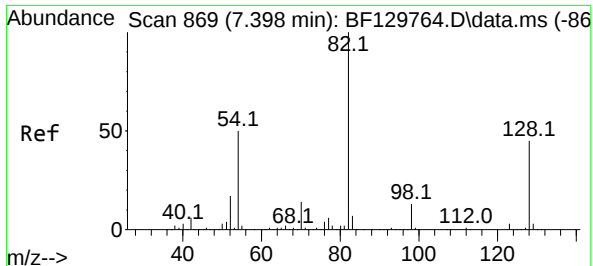
Tgt Ion: 70 Resp: 115965
Ion Ratio Lower Upper
70 100
42 47.9 47.6 71.4
101 0.0 8.1 12.1#
130 1.7 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion: 136 Resp: 463806
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.1 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 98.040 ng

RT: 7.339 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

Instrument :

BNA_F

ClientSampleId :

U-2

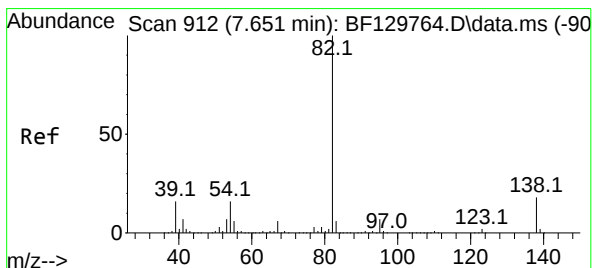
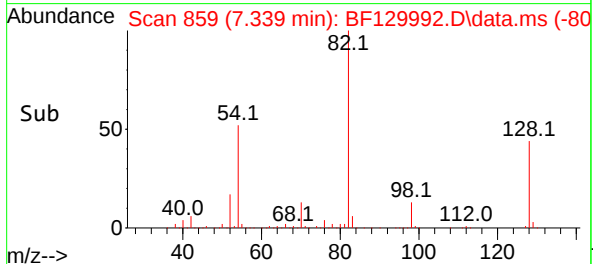
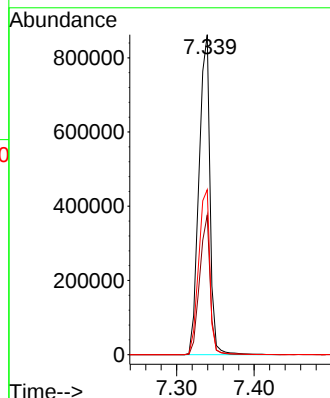
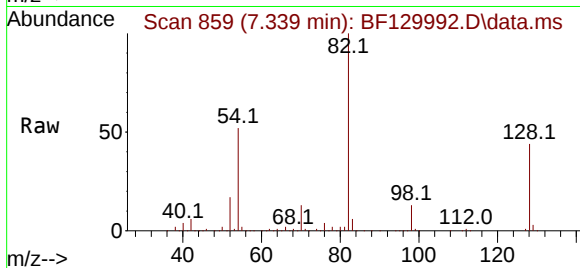
Tgt Ion: 82 Resp: 849433

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

54 51.6 40.0 60.0



#25

Isophorone

Concen: 56.961 ng

RT: 7.339 min Scan# 859

Delta R.T. -0.259 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

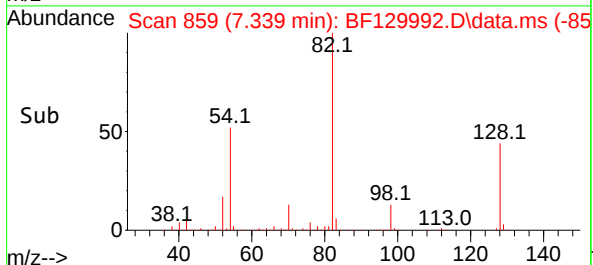
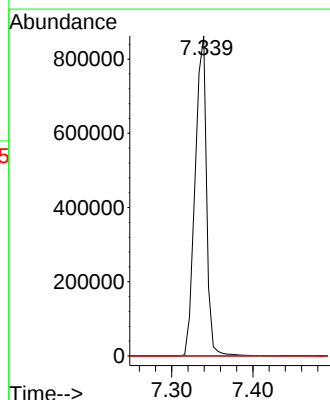
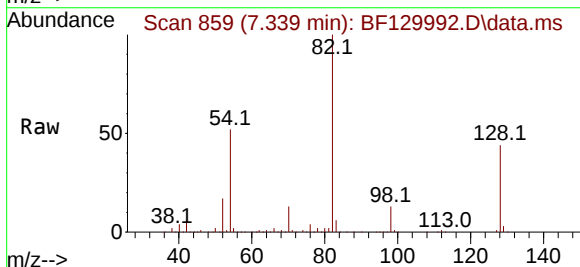
Tgt Ion: 82 Resp: 849423

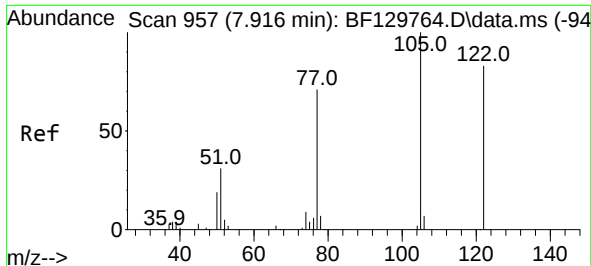
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

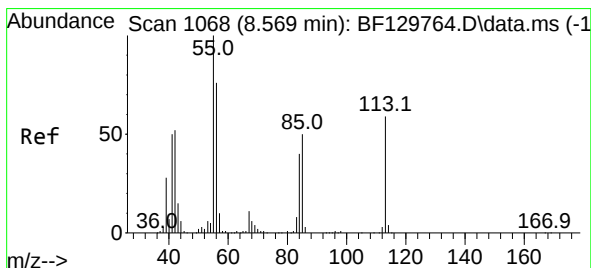
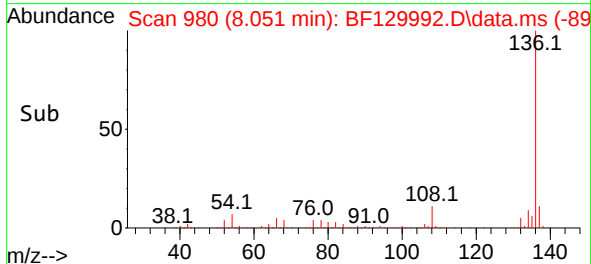
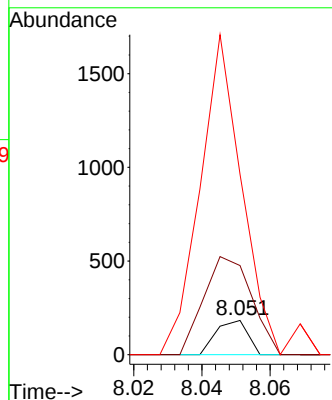
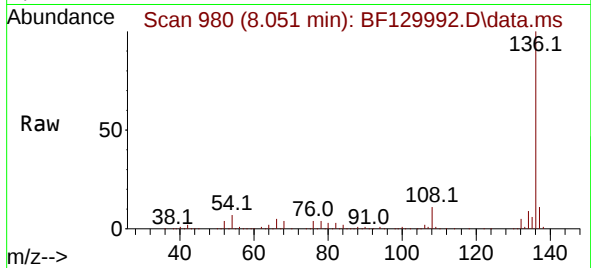




#32
Benzoic acid
Concen: 2.205 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.176 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

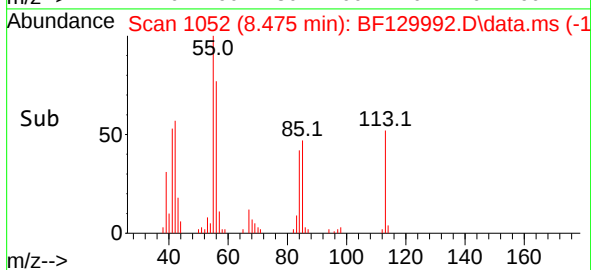
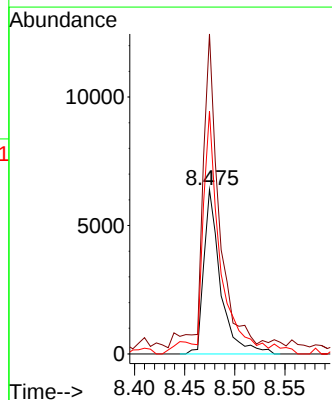
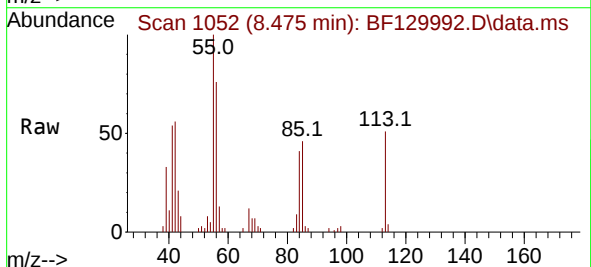
Instrument :
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ClientSampleId :
U-2

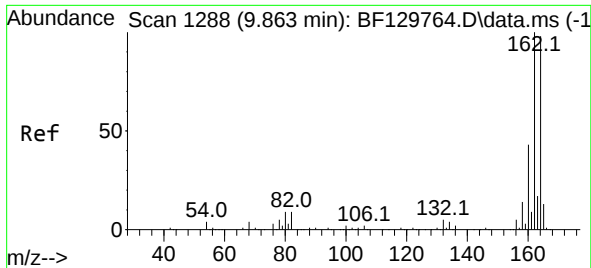
Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 260.1 99.9 139.9#
77 526.2 65.9 105.9#



#35
Caprolactam
Concen: 3.529 ng
RT: 8.475 min Scan# 1052
Delta R.T. -0.041 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion:113 Resp: 7395
Ion Ratio Lower Upper
113 100
55 194.7 148.8 188.8#
56 147.8 109.1 149.1

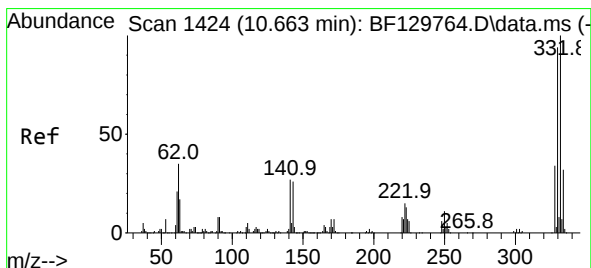
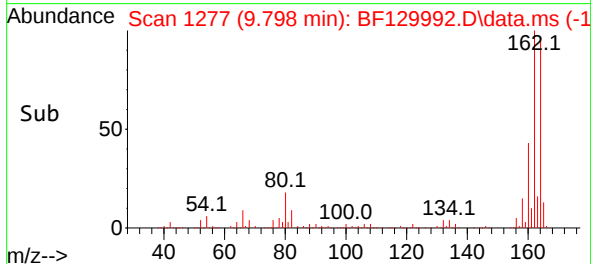
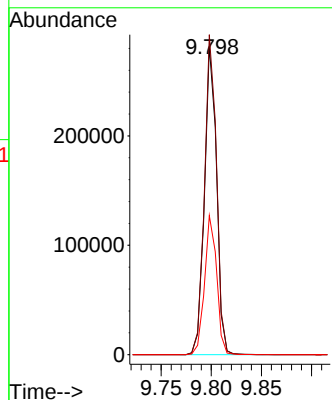
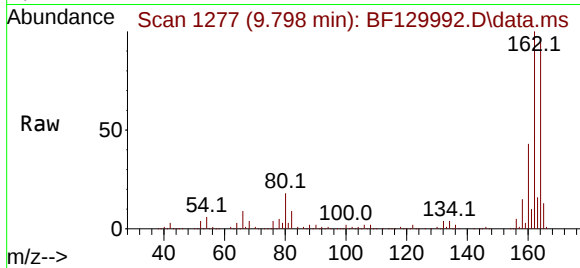




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

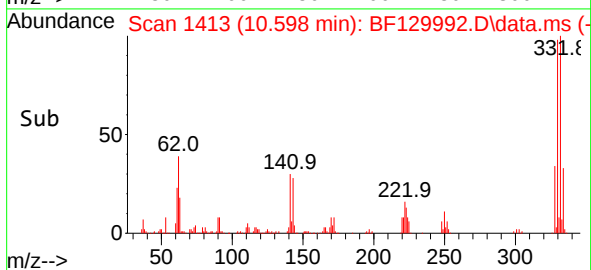
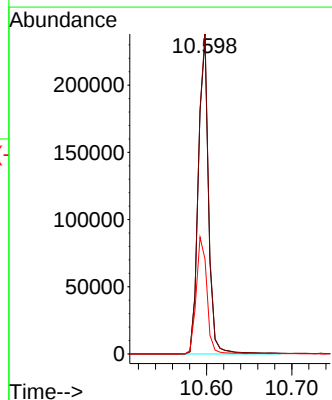
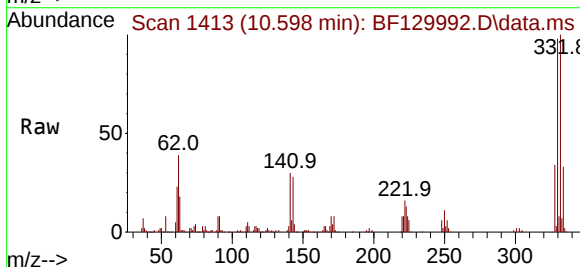
Instrument :
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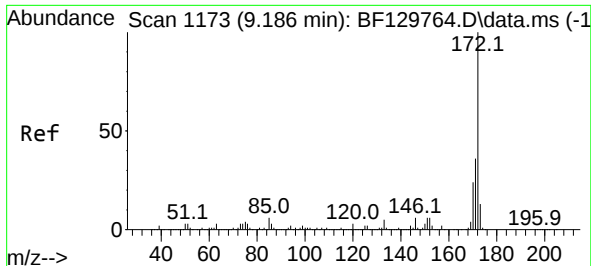
Tgt Ion:164 Resp: 237587
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 82.246 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion:330 Resp: 196120
Ion Ratio Lower Upper
330 100
332 101.5 82.6 124.0
141 38.4 27.6 41.4

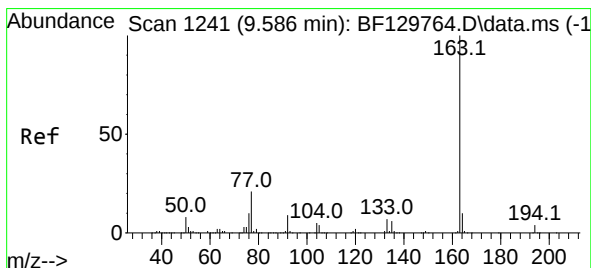
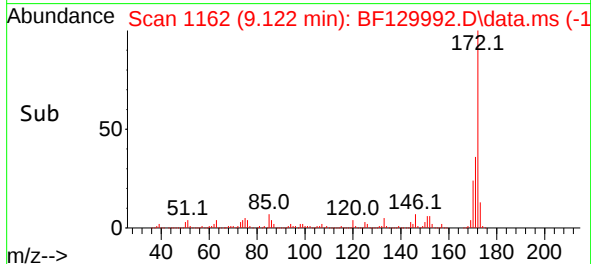
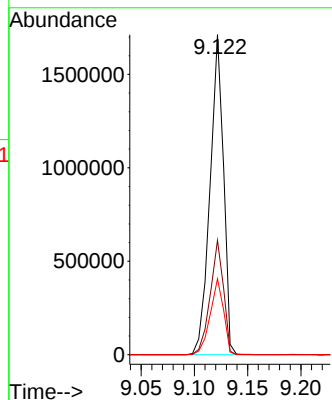
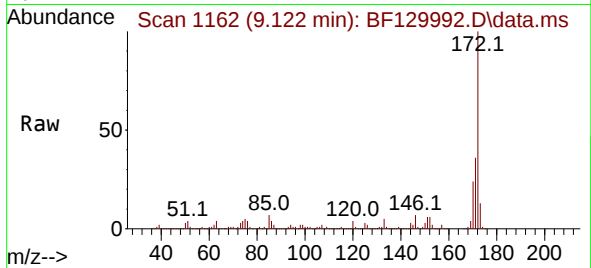




#45
2-Fluorobiphenyl
Concen: 96.507 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

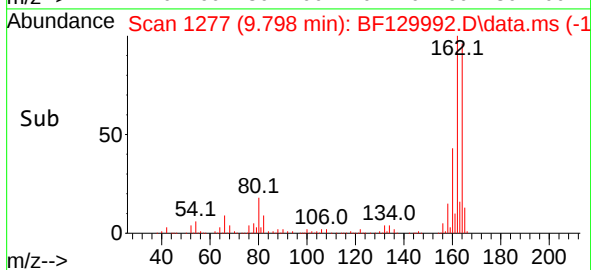
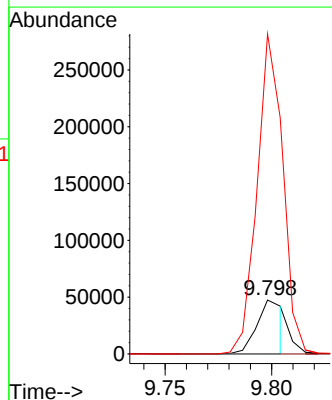
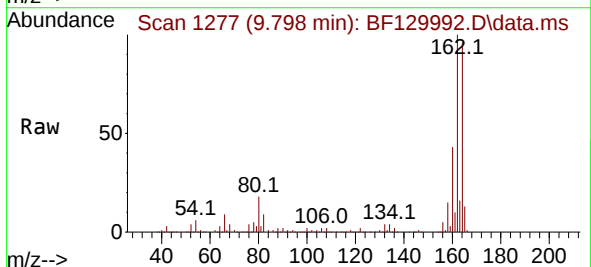
Instrument :
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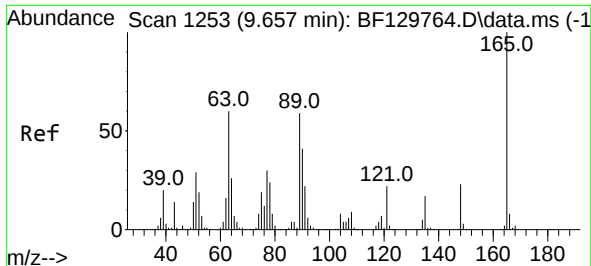
Tgt Ion:172 Resp: 1509658
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.381 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion:163 Resp: 40546
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 592.8 8.2 12.2#

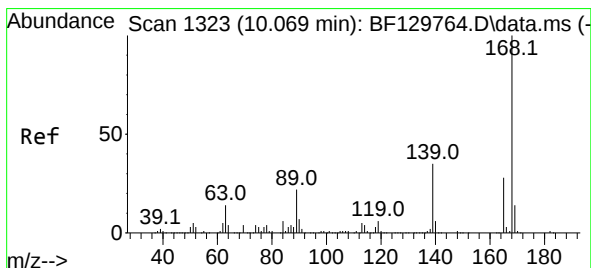
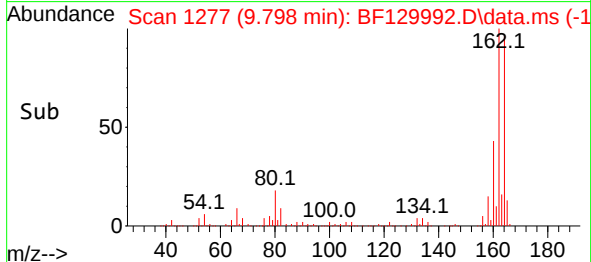
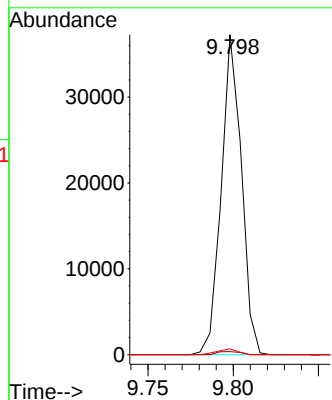
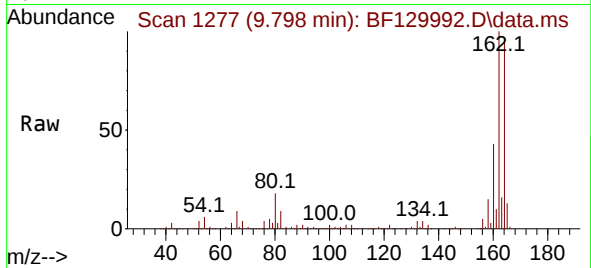




#51
2,6-Dinitrotoluene
Concen: 8.293 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

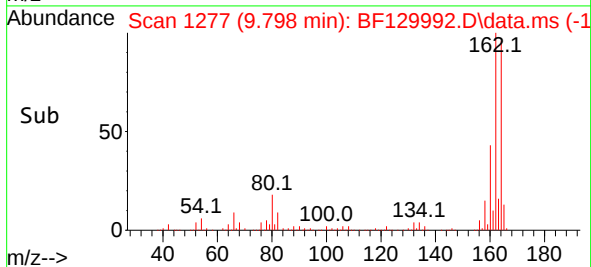
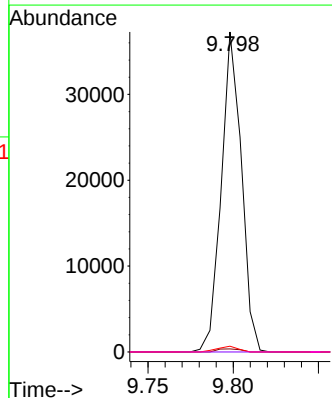
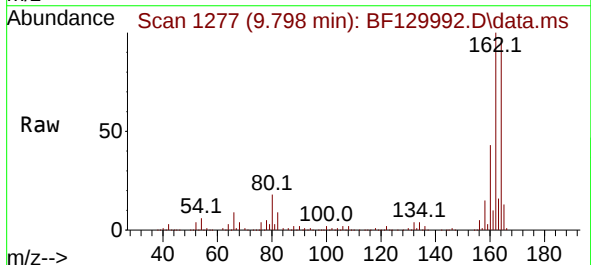
Instrument :
BNA_F
ClientSampleId :
U-2

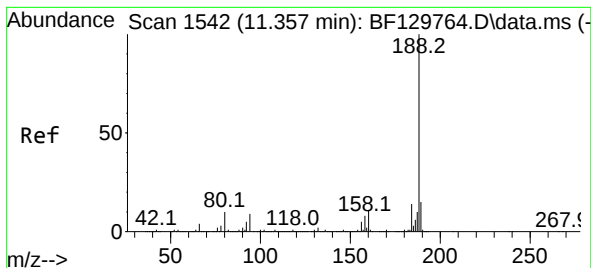
Tgt Ion:165 Resp: 30638
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.8 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.388 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.218 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Tgt Ion:165 Resp: 30638
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.8 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

Instrument :

BNA_F

ClientSampleId :

U-2

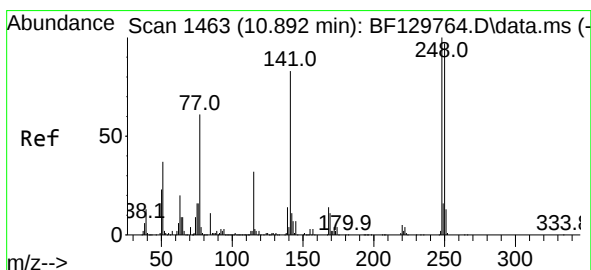
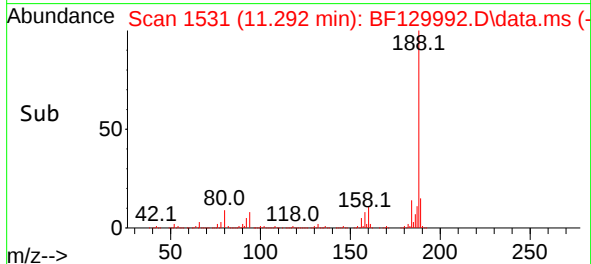
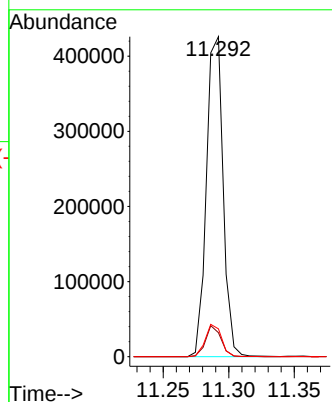
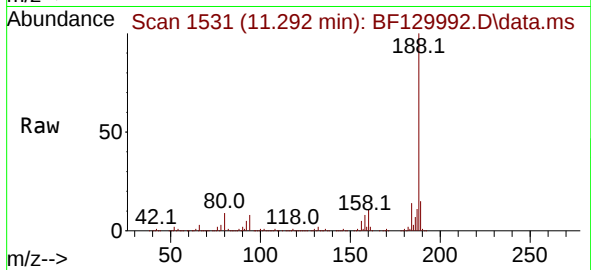
Tgt Ion:188 Resp: 378986

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 8.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.749 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.235 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

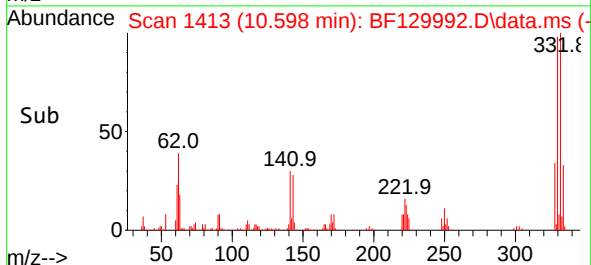
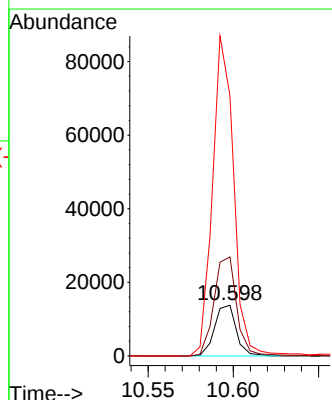
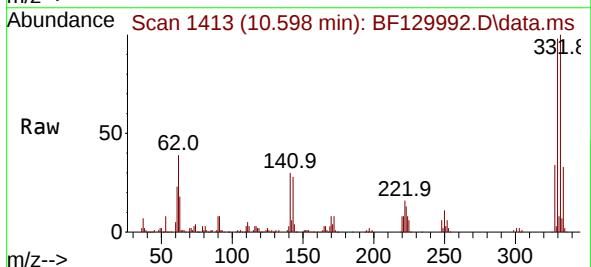
Tgt Ion:248 Resp: 12201

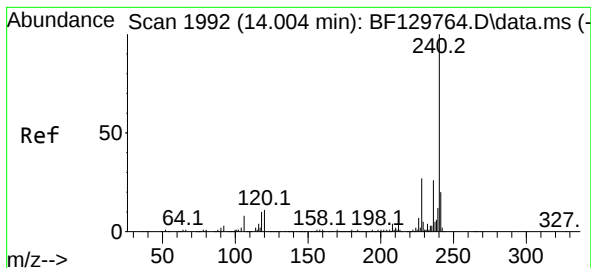
Ion Ratio Lower Upper

248 100

250 195.4 77.8 116.6#

141 513.3 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

Instrument :

BNA_F

ClientSampleId :

U-2

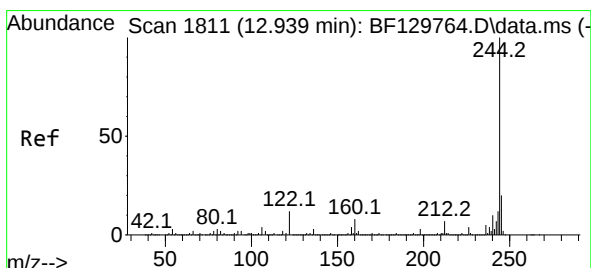
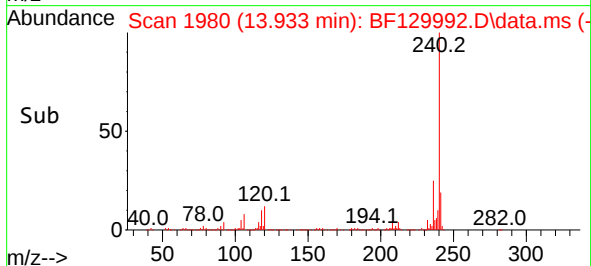
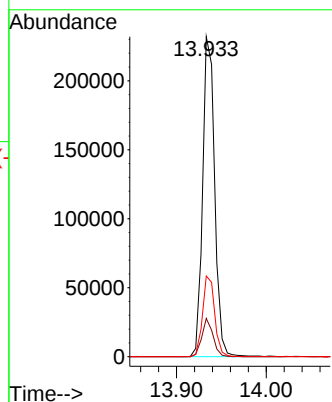
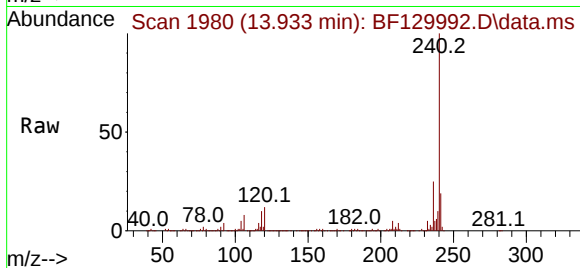
Tgt Ion:240 Resp: 216223

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.2 20.7 31.1



#79

Terphenyl-d14

Concen: 102.672 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129992.D

Acq: 25 Aug 2022 02:47

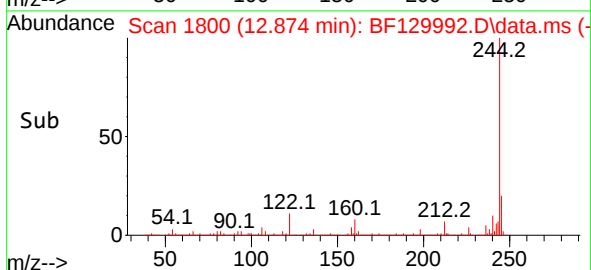
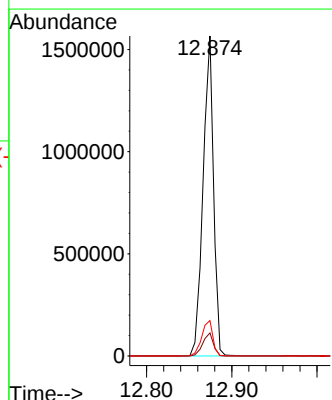
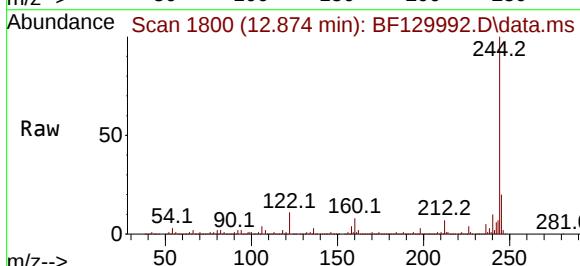
Tgt Ion:244 Resp: 1334185

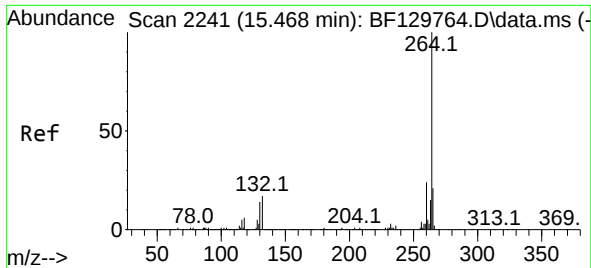
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

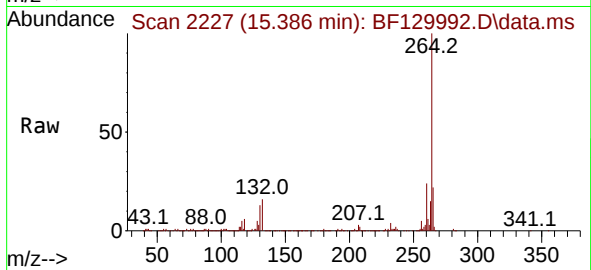
122 11.0 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129992.D
Acq: 25 Aug 2022 02:47

Instrument :
BNA_F
ClientSampleId :
U-2



Tgt Ion:264 Resp: 220530
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.8 16.7 25.1

