

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129915.D
 Acq On : 19 Aug 2022 18:11
 Operator : CG\JU
 Sample : PB146994BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146994BL

Quant Time: Aug 20 07:50:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

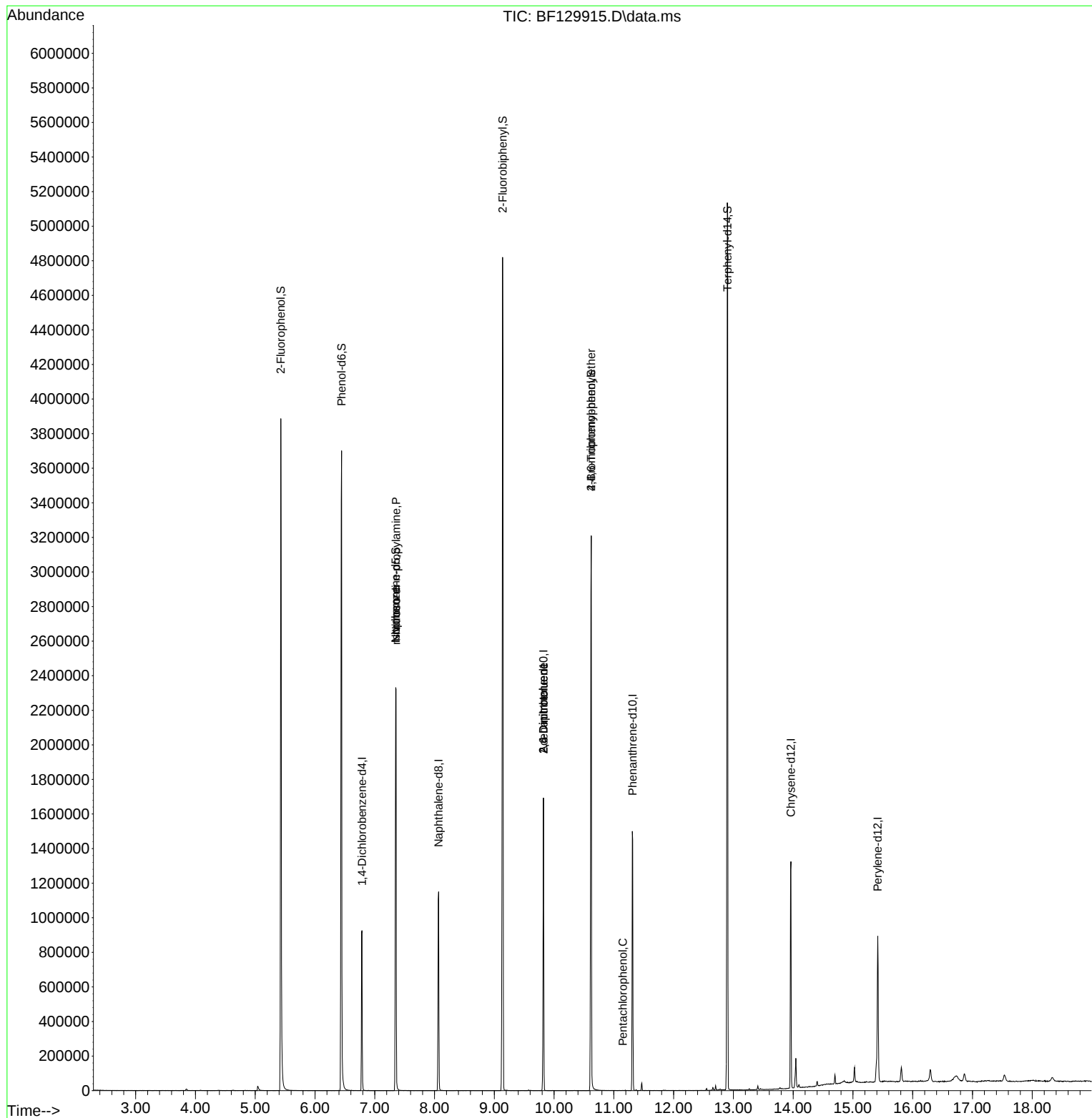
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	146746	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	583177	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	317147	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	563902	20.000	ng	0.00
76) Chrysene-d12	13.963	240	452846	20.000	ng	0.00
86) Perylene-d12	15.415	264	369175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1095856	123.643	ng	0.00
7) Phenol-d6	6.445	99	1362576	122.765	ng	0.00
23) Nitrobenzene-d5	7.351	82	871899	80.035	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	396496	124.565	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1638265	78.456	ng	0.00
79) Terphenyl-d14	12.904	244	1943286	71.404	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	2205	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	116840	16.654	ng	# 74
25) Isophorone	7.351	82	871824	46.497	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	41152	8.344	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	41152	6.428	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	25288	3.829	ng	# 1
70) Pentachlorophenol	11.151	266	54	5.205	ng	# 1
77) Benzidine	12.657	184	8141	Below Cal		96

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

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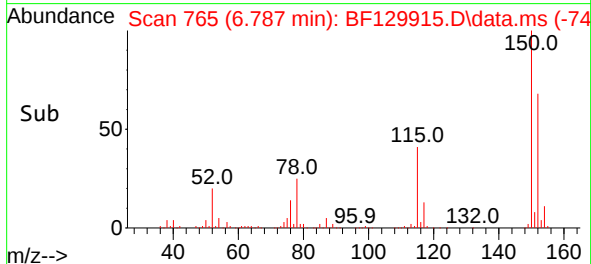
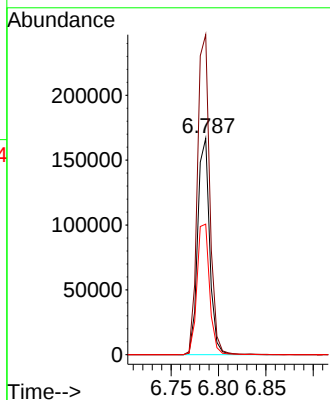
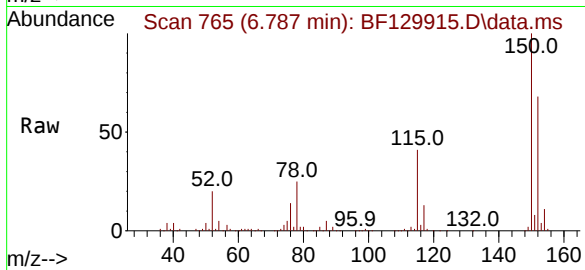




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129915.D
 Acq: 19 Aug 2022 18:11

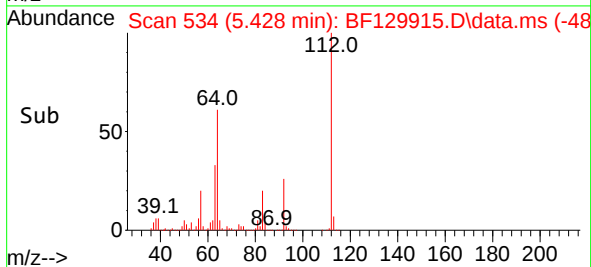
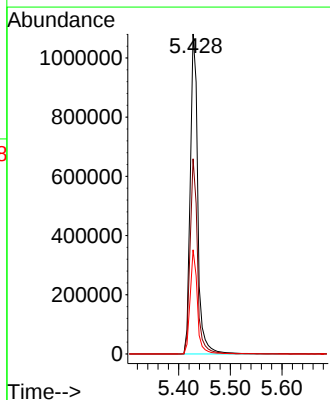
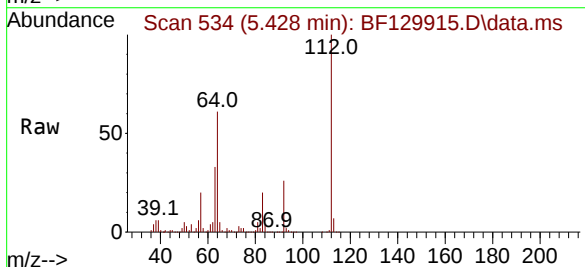
Instrument :
 BNA_F
 ClientSampleId :
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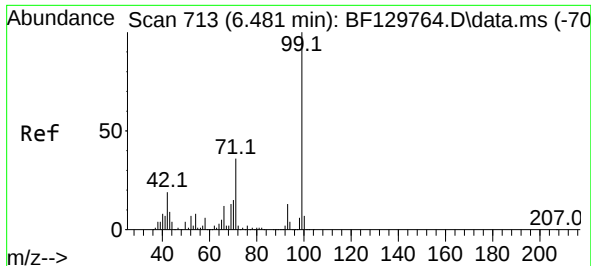
Tgt Ion:152 Resp: 146746
 Ion Ratio Lower Upper
 152 100
 150 147.9 126.9 190.3
 115 60.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 123.643 ng
 RT: 5.428 min Scan# 534
 Delta R.T. 0.006 min
 Lab File: BF129915.D
 Acq: 19 Aug 2022 18:11

Tgt Ion:112 Resp: 1095856
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.6 71.4
 63 32.6 24.6 37.0

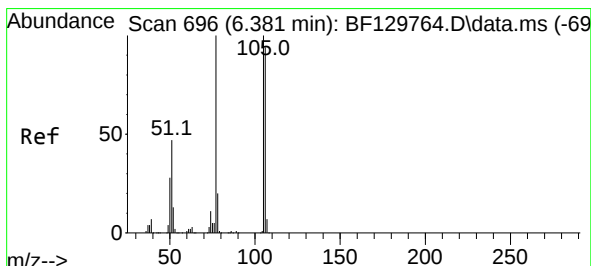
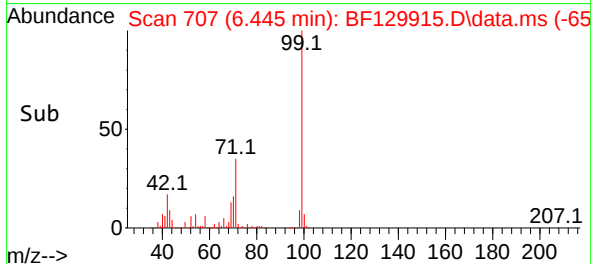
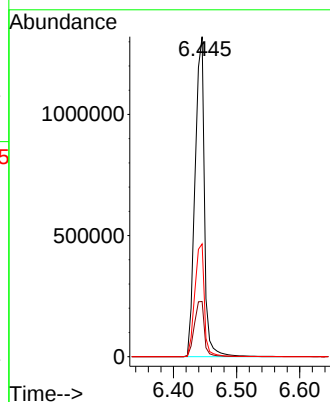
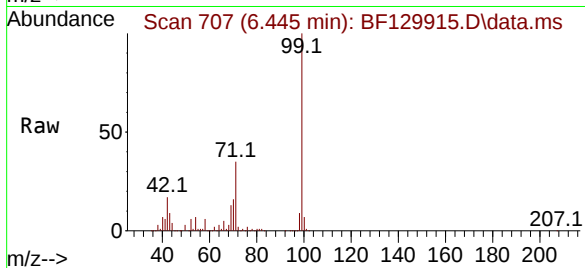




#7
Phenol-d6
Concen: 122.765 ng
RT: 6.445 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

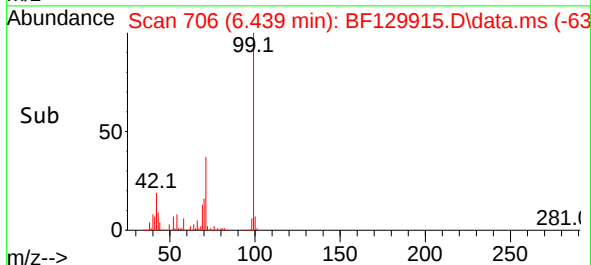
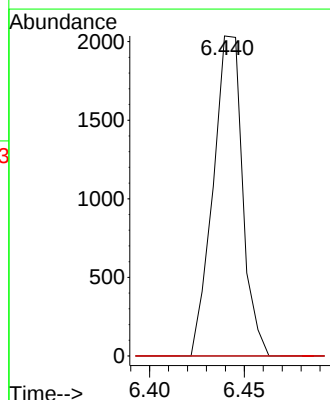
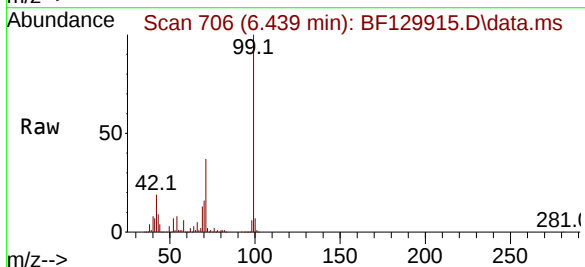
Instrument :
BNA_F
ClientSampleId :
PB146994BL

Tgt Ion: 99 Resp: 1362576
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 35.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 706
Delta R.T. 0.094 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

Tgt Ion: 77 Resp: 2205
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

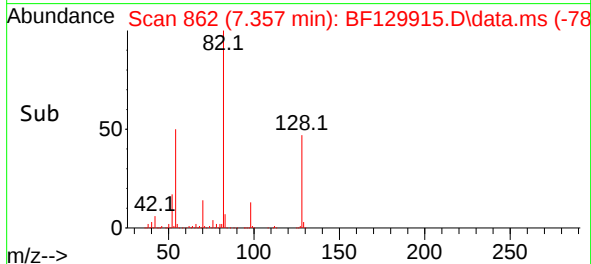
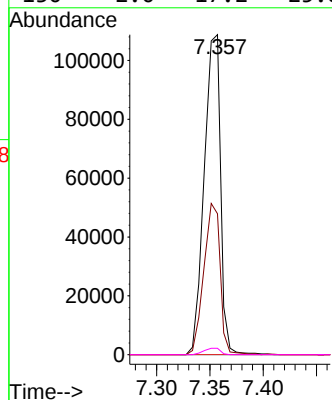
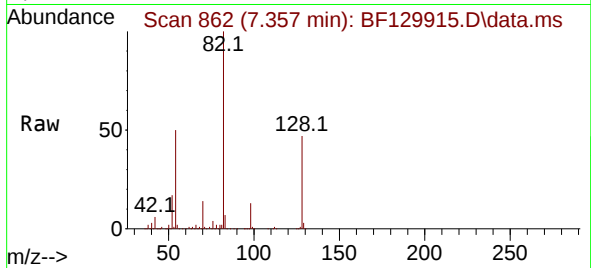




#19
n-Nitroso-di-n-propylamine
Concen: 16.654 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

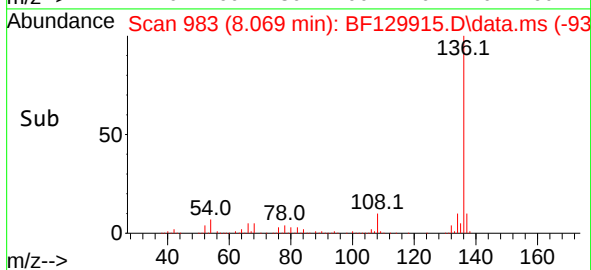
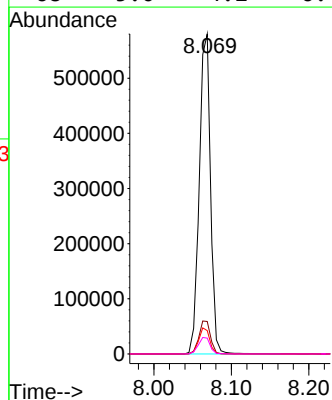
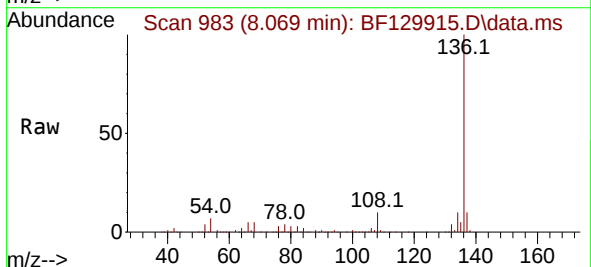
Instrument :
BNA_F
ClientSampleId :
PB146994BL

Tgt Ion: 70 Resp: 116840
Ion Ratio Lower Upper
70 100
42 44.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

Tgt Ion: 136 Resp: 583177
Ion Ratio Lower Upper
136 100
137 10.1 8.4 12.6
54 7.3 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 80.035 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

Instrument :

BNA_F

ClientSampleId :

PB146994BL

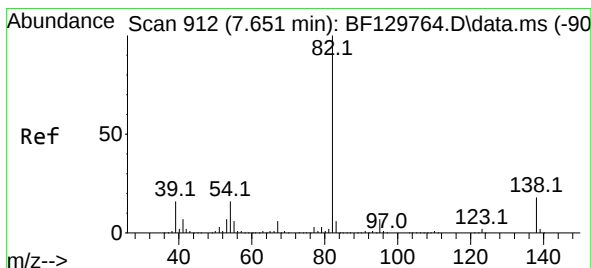
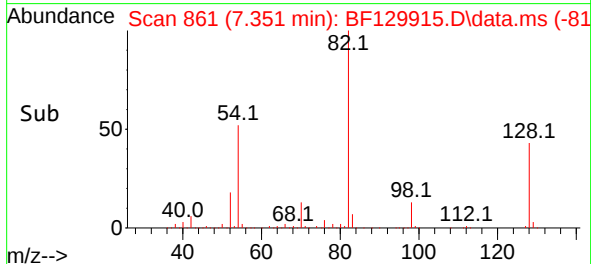
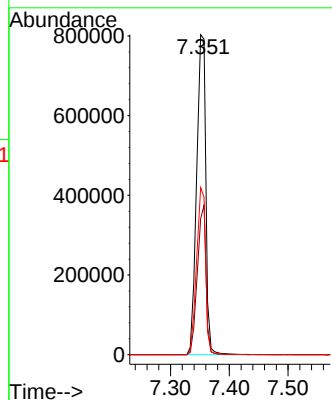
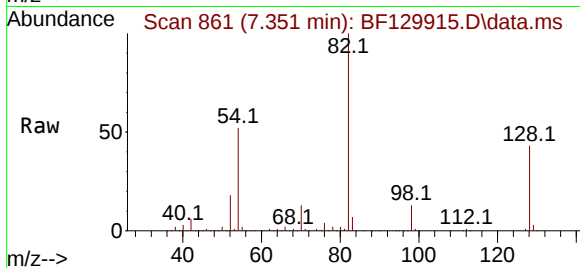
Tgt Ion: 82 Resp: 871899

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

54 52.2 40.0 60.0



#25

Isophorone

Concen: 46.497 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.265 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

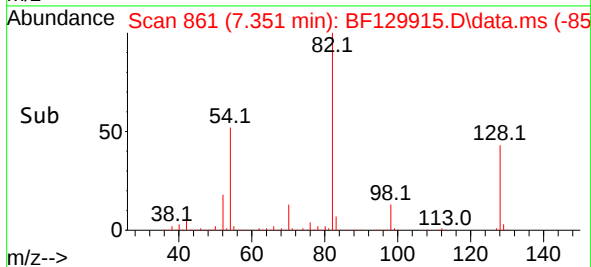
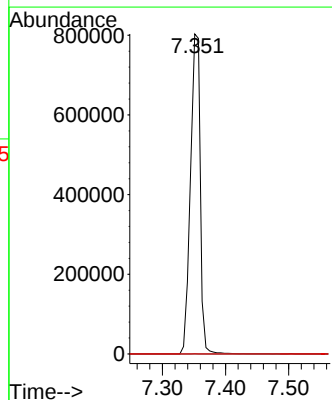
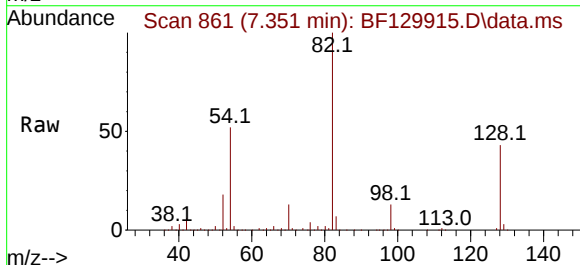
Tgt Ion: 82 Resp: 871824

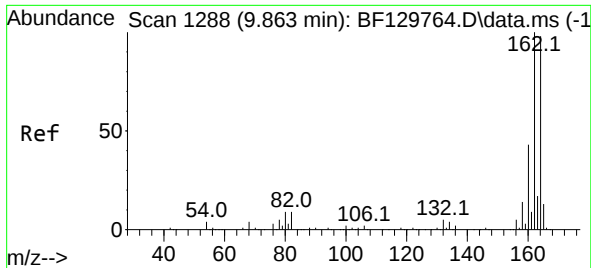
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

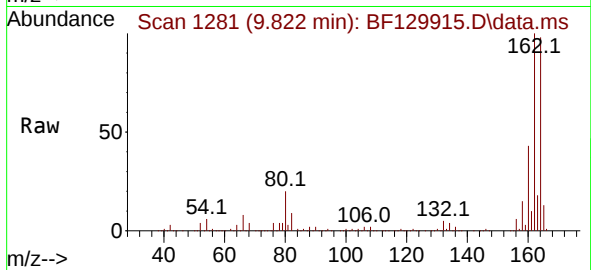
138 0.0 14.6 21.8#



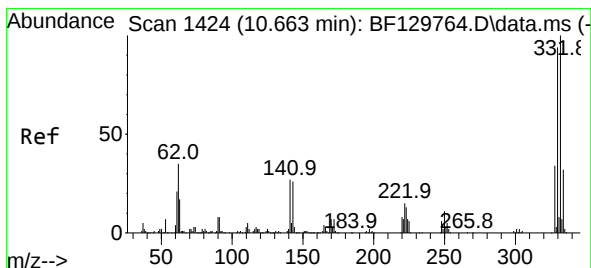
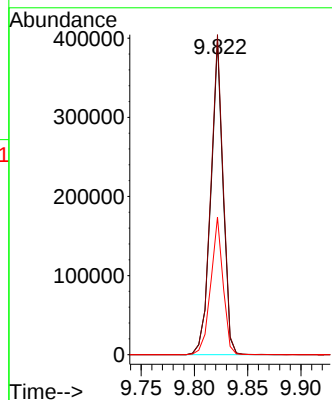
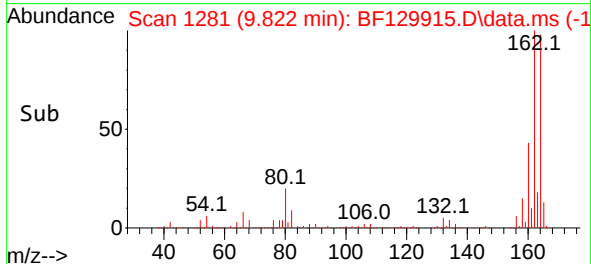


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

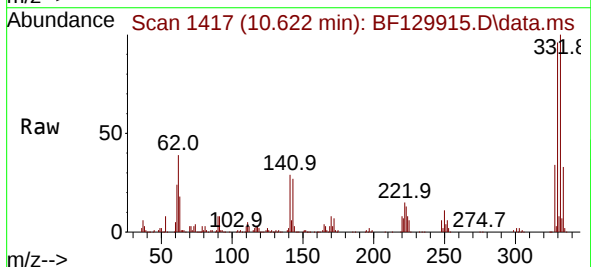
Instrument :
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ClientSampleId :
PB146994BL



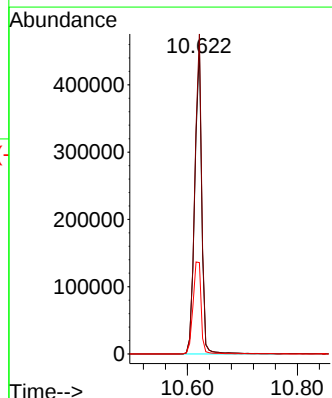
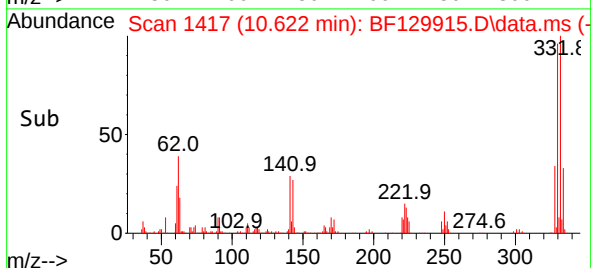
Tgt Ion:164 Resp: 317147
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 43.7 35.4 53.0

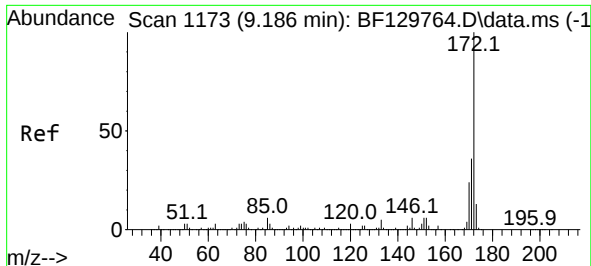


#42
2,4,6-Tribromophenol
Concen: 124.565 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11



Tgt Ion:330 Resp: 396496
Ion Ratio Lower Upper
330 100
332 103.9 82.6 124.0
141 35.1 27.6 41.4

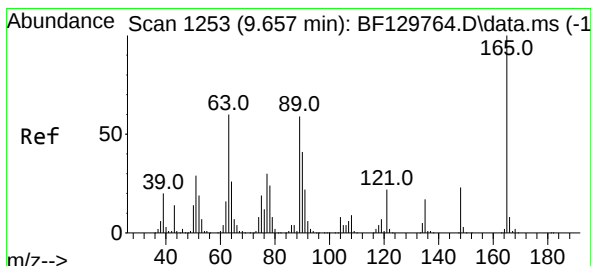
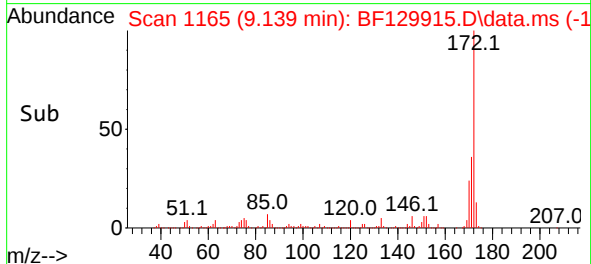
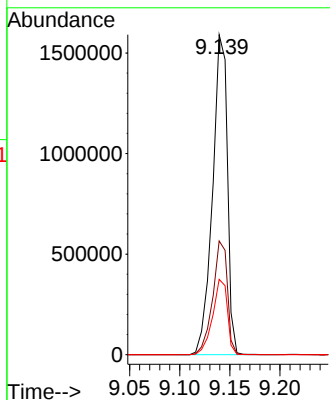
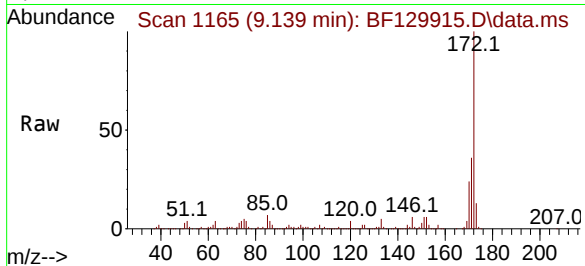




#45
2-Fluorobiphenyl
Concen: 78.456 ng
RT: 9.139 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

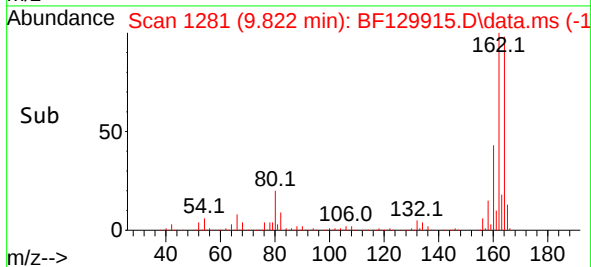
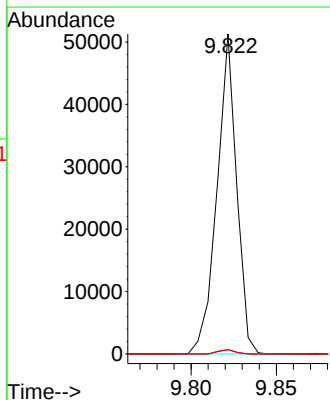
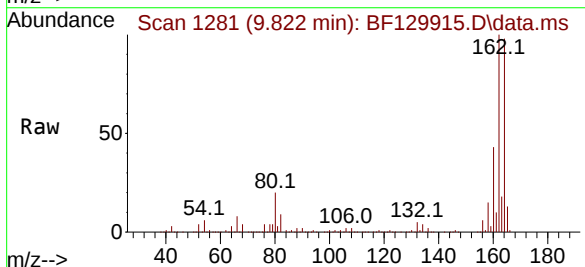
Instrument :
BNA_F
ClientSampleId :
PB146994BL

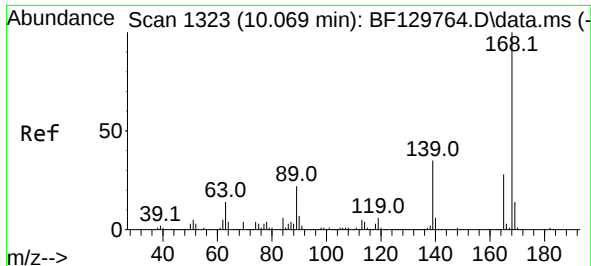
Tgt Ion:172 Resp: 1638265
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.344 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.200 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

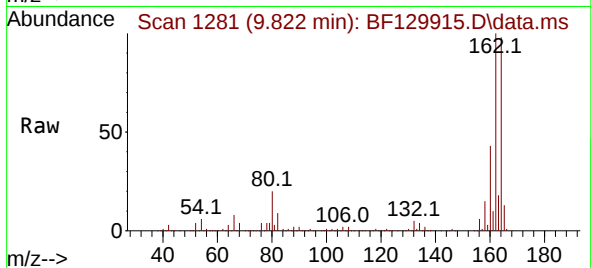
Tgt Ion:165 Resp: 41152
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.4 47.2 70.8#



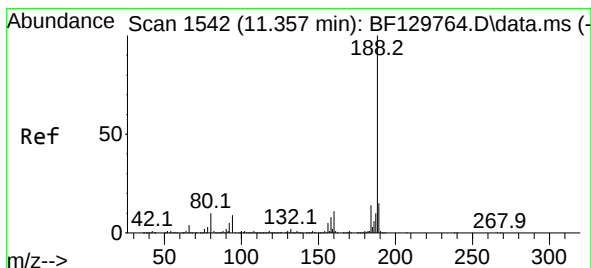
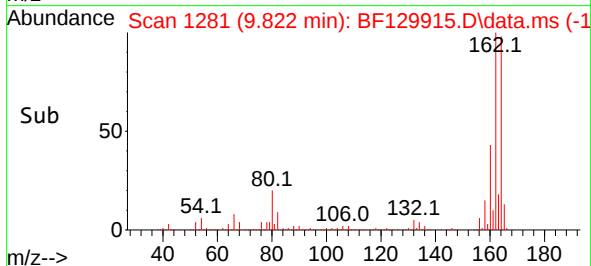
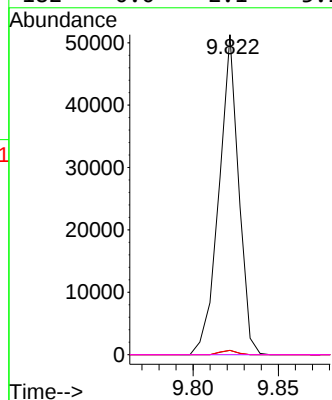


#57
2,4-Dinitrotoluene
Concen: 6.428 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

Instrument :
BNA_F
ClientSampleId :
PB146994BL

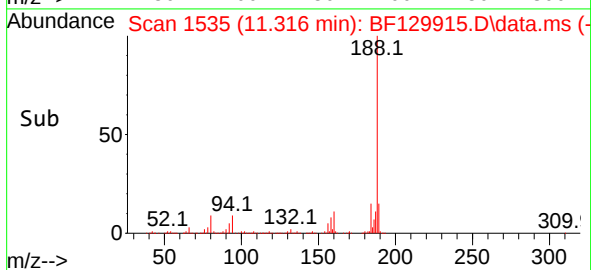
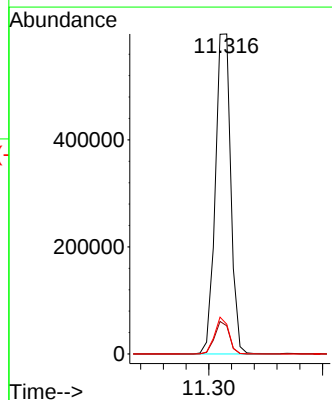
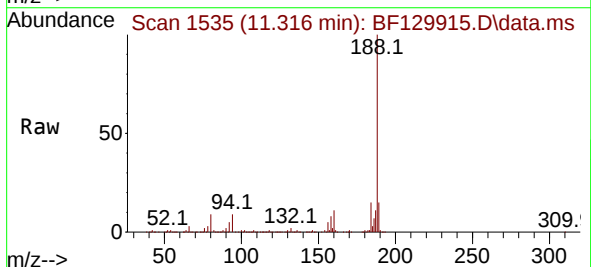


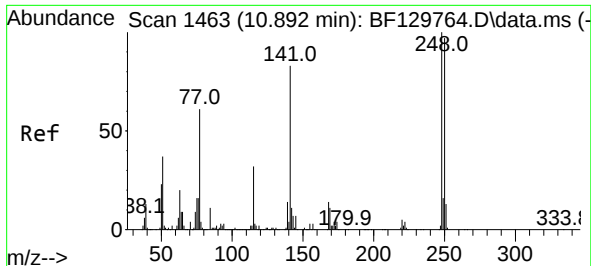
Tgt Ion:165 Resp: 41152
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

Tgt Ion:188 Resp: 563902
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 7.9 11.9

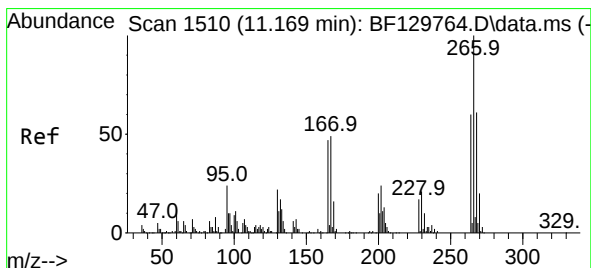
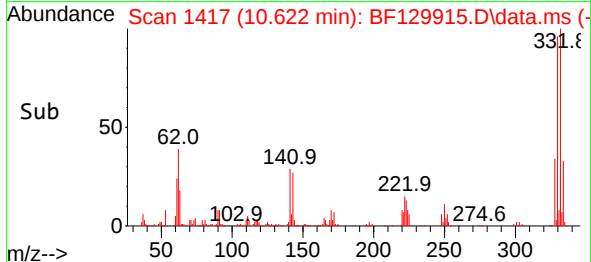
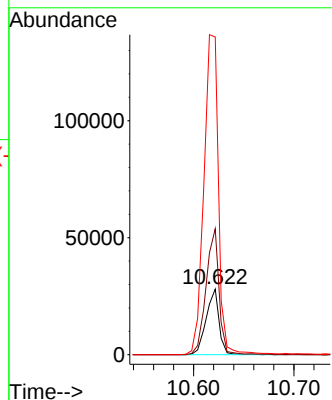
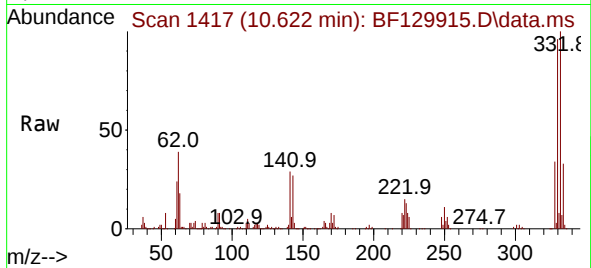




#67
4-Bromophenyl-phenylether
Concen: 3.829 ng
RT: 10.622 min Scan# 1463
Delta R.T. -0.229 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

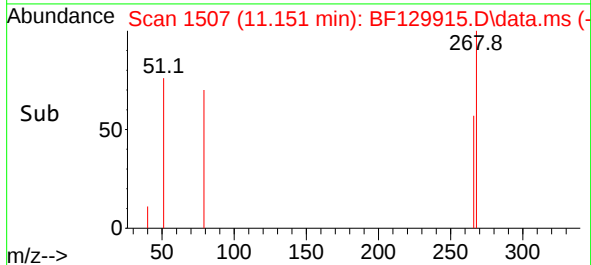
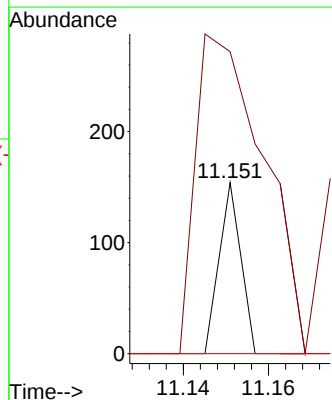
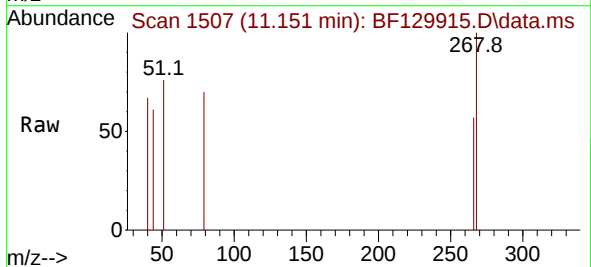
Instrument :
BNA_F
ClientSampleId :
PB146994BL

Tgt Ion:248 Resp: 25288
Ion Ratio Lower Upper
248 100
250 191.9 77.8 116.6#
141 484.2 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.205 ng
RT: 11.151 min Scan# 1507
Delta R.T. 0.018 min
Lab File: BF129915.D
Acq: 19 Aug 2022 18:11

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 176.6 49.0 73.4#
264 0.0 47.9 71.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

Instrument :

BNA_F

ClientSampleId :

PB146994BL

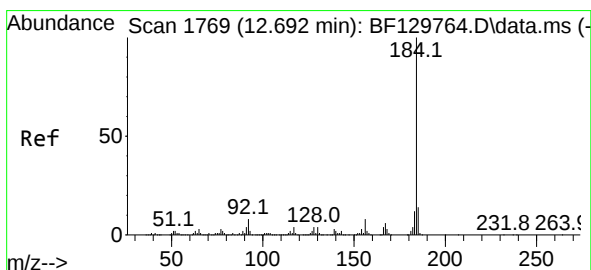
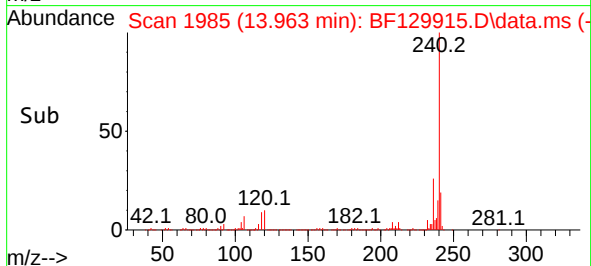
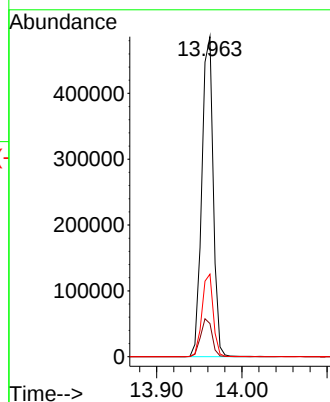
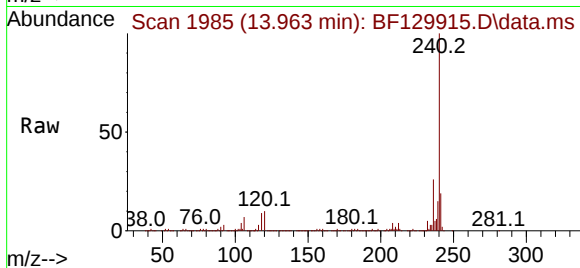
Tgt Ion:240 Resp: 452846

Ion Ratio Lower Upper

240 100

120 10.4 9.2 13.8

236 25.8 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.657 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

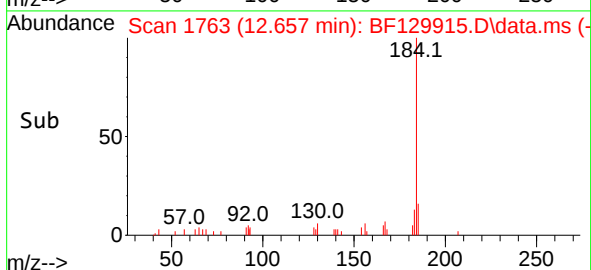
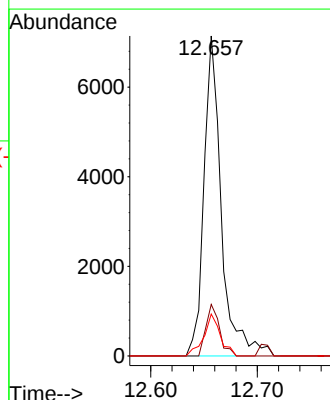
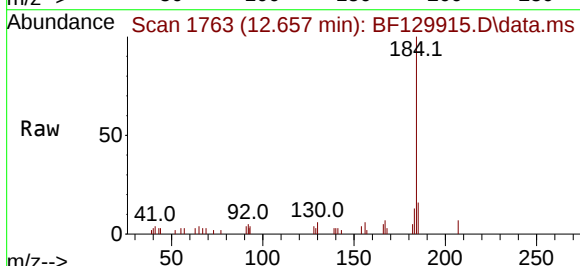
Tgt Ion:184 Resp: 8141

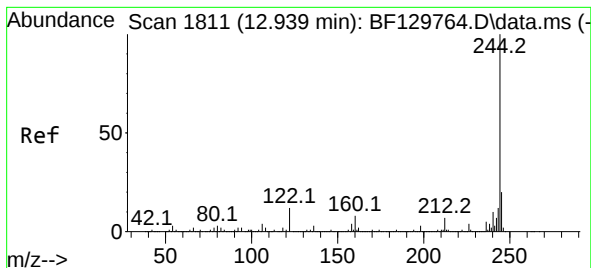
Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

183 13.1 9.4 14.2





#79

Terphenyl-d14

Concen: 71.404 ng

RT: 12.904 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

Instrument :

BNA_F

ClientSampleId :

PB146994BL

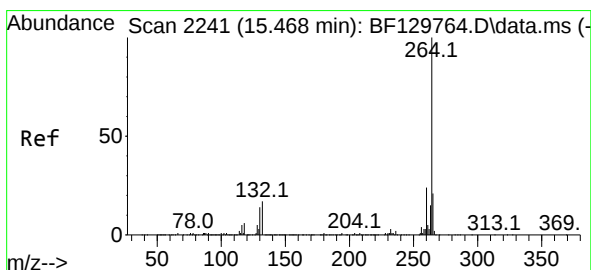
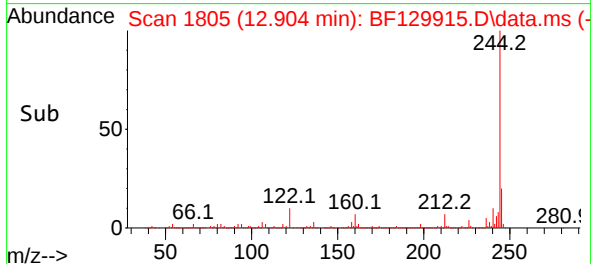
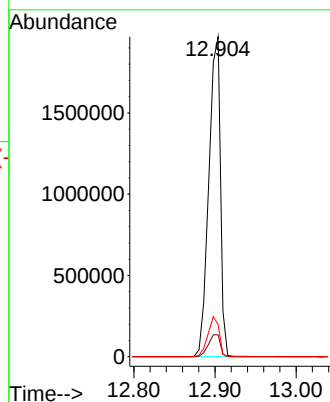
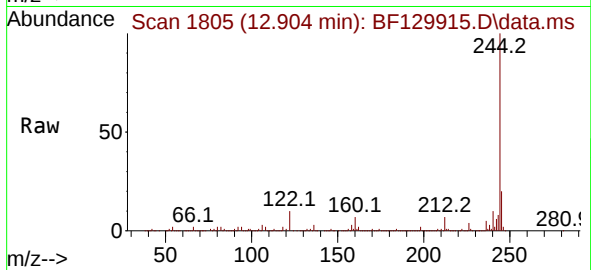
Tgt Ion:244 Resp: 1943286

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.1 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF129915.D

Acq: 19 Aug 2022 18:11

Tgt Ion:264 Resp: 369175

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 16.7 25.1

