

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129979.D
 Acq On : 24 Aug 2022 19:10
 Operator : CG\JU
 Sample : N4244-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 25 04:13:45 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)

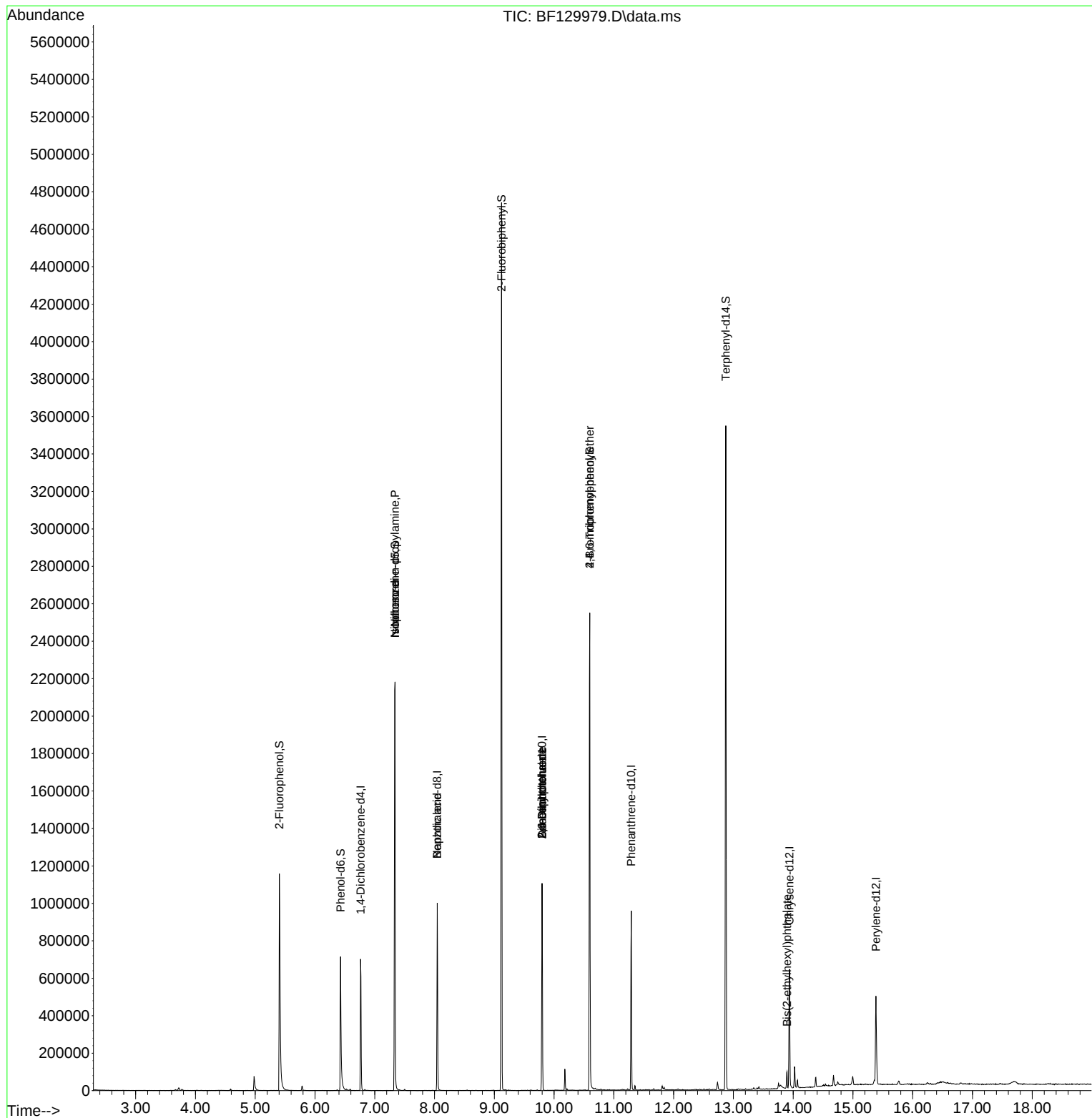
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	100970	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	399600	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	203321	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	318029	20.000	ng	0.00
76) Chrysene-d12	13.939	240	209360	20.000	ng	0.00
86) Perylene-d12	15.386	264	197952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	365460	59.928	ng	0.00
7) Phenol-d6	6.428	99	265629	34.783	ng	0.00
23) Nitrobenzene-d5	7.339	82	748012	100.206	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	278943	136.695	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1303618	97.380	ng	0.00
79) Terphenyl-d14	12.874	244	1076100	85.525	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	311	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.339	70	102309	21.195	ng	# 76
25) Isophorone	7.339	82	748002	58.220	ng	# 65
32) Benzoic acid	8.045	122	60	2.182	ng	# 1
50) Dimethylphthalate	9.798	163	33671	2.310	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	26214	8.291	ng	# 22
57) 2,4-Dinitrotoluene	9.798	165	26214	6.387	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	18335	4.922	ng	# 1
77) Benzidine	12.874	184	15778	Below Cal	#	90
84) Bis(2-ethylhexyl)phtha...	13.898	149	24050	2.633	ng	100

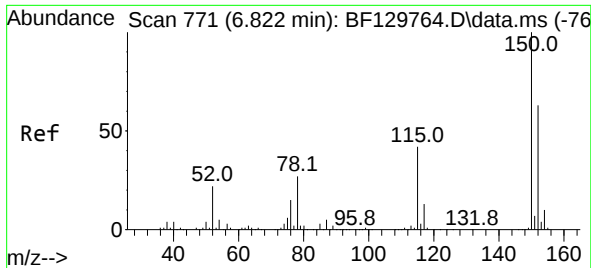
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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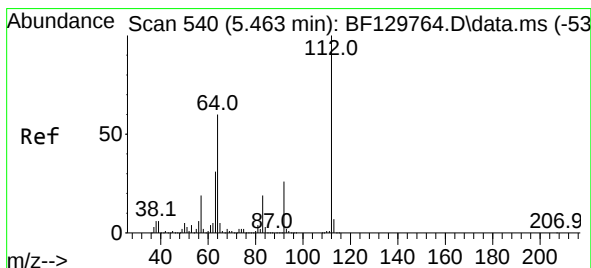
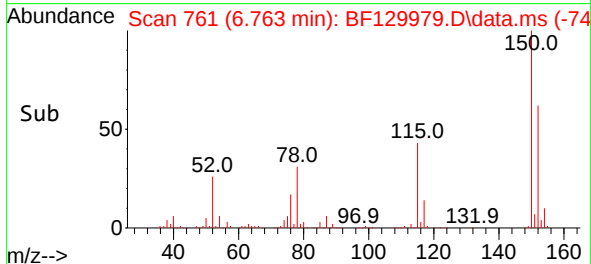
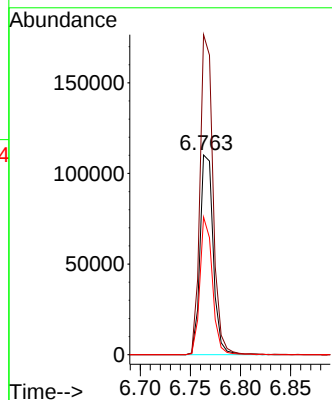
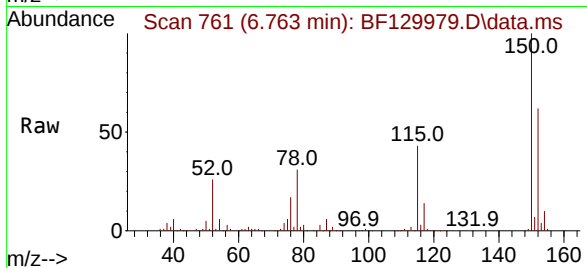




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

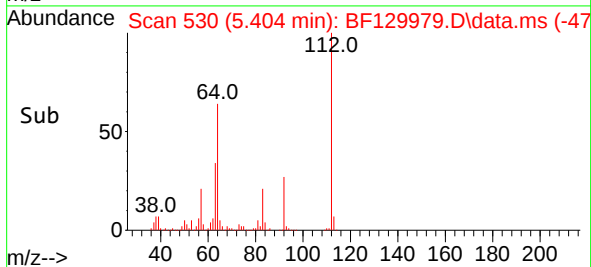
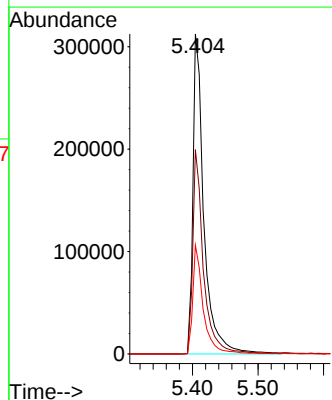
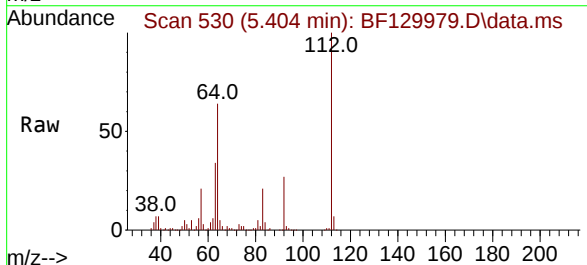
Instrument :
BNA_F
ClientSampleId :

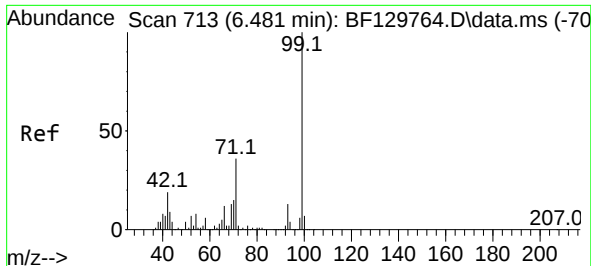
Tgt Ion:152 Resp: 100970
Ion Ratio Lower Upper
152 100
150 160.3 126.9 190.3
115 68.9 53.4 80.0



#5
2-Fluorophenol
Concen: 59.928 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Tgt Ion:112 Resp: 365460
Ion Ratio Lower Upper
112 100
64 63.8 47.6 71.4
63 34.0 24.6 37.0

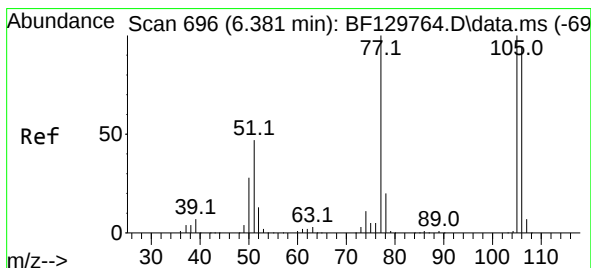
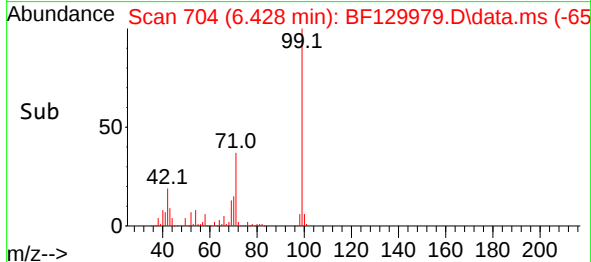
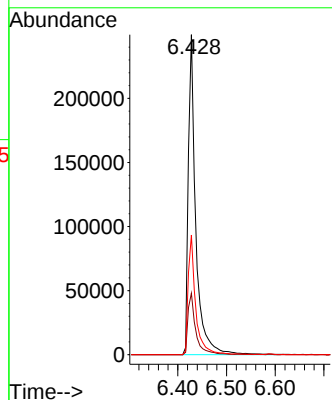
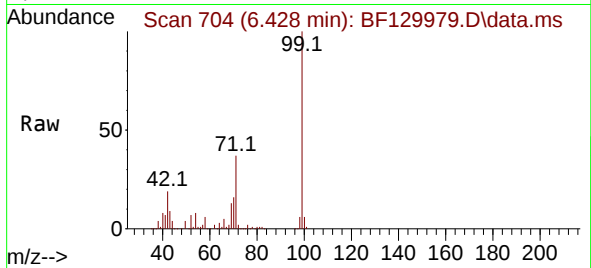




#7
Phenol-d6
Concen: 34.783 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

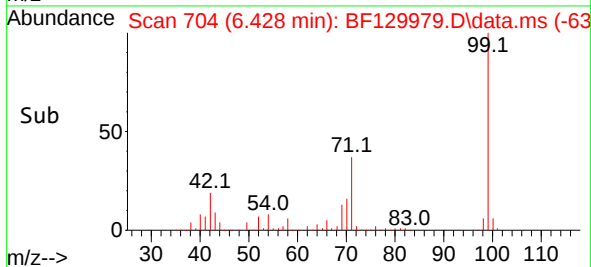
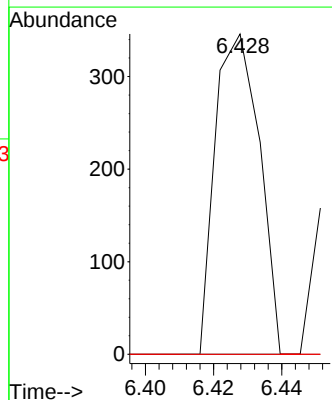
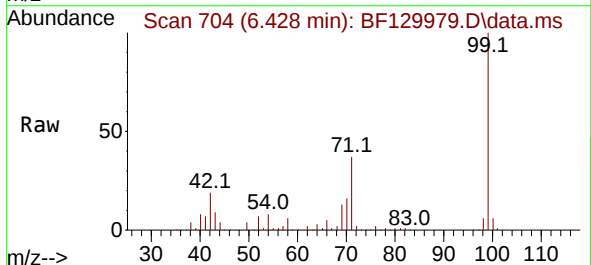
Instrument :
BNA_F
ClientSampleId :

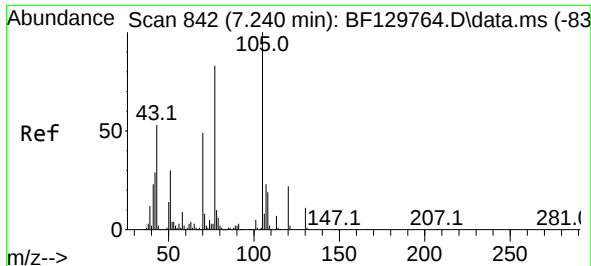
Tgt Ion: 99 Resp: 265629
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 37.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

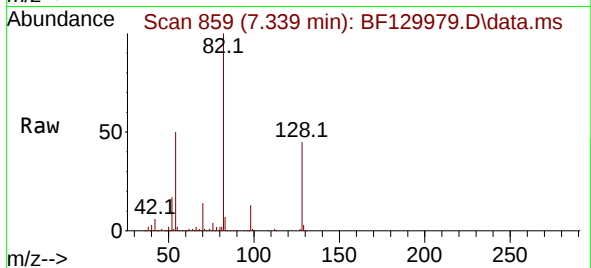
Tgt Ion: 77 Resp: 311
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



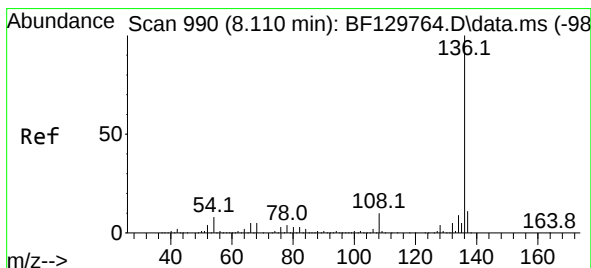
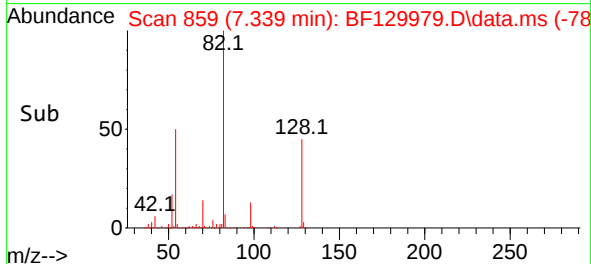
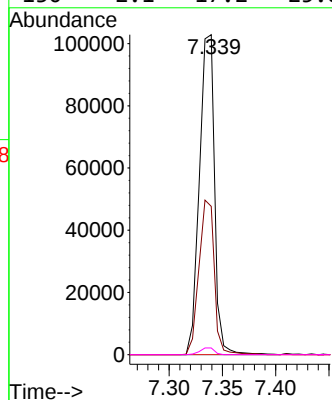


#19
n-Nitroso-di-n-propylamine
Concen: 21.195 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Instrument :
BNA_F
ClientSampleId :

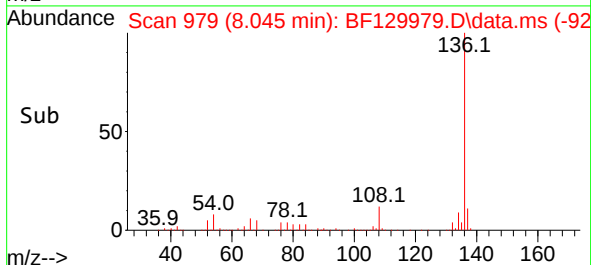
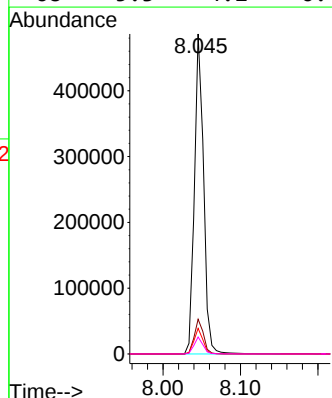
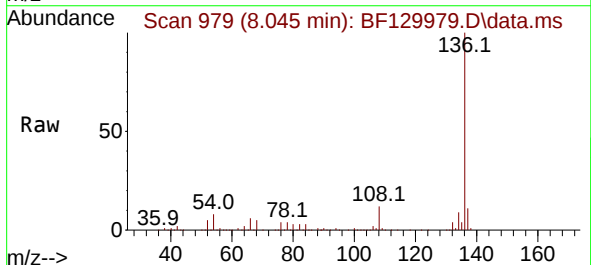


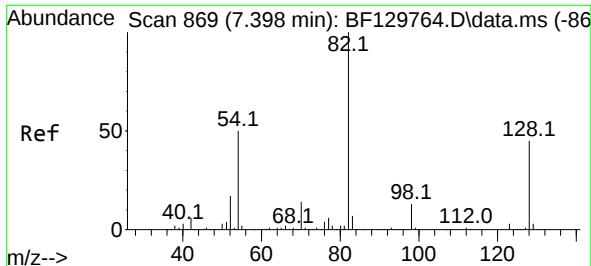
Tgt Ion: 70 Resp: 102309
Ion Ratio Lower Upper
70 100
42 46.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Tgt Ion: 136 Resp: 399600
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 6.2 9.2
68 5.3 4.2 6.4

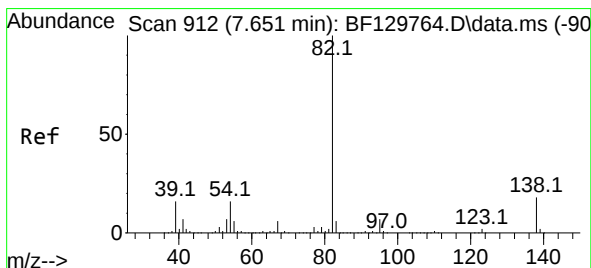
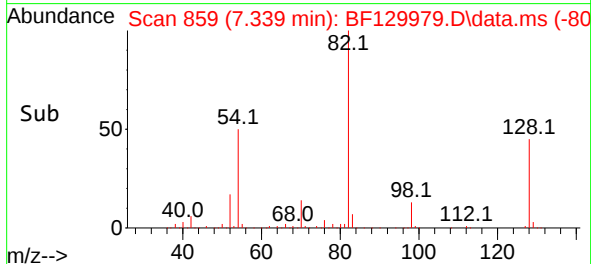
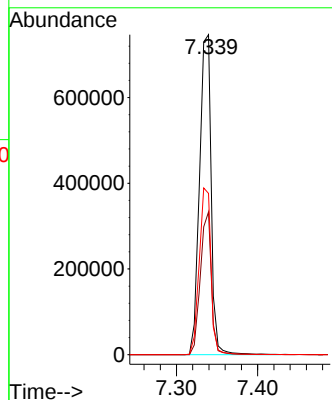
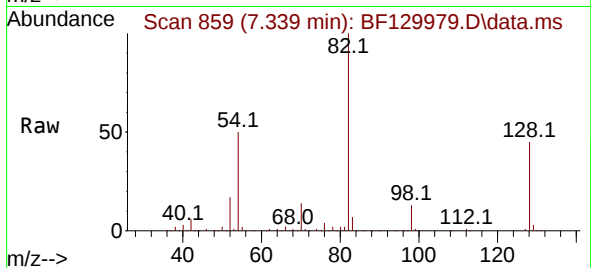




#23
Nitrobenzene-d5
Concen: 100.206 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

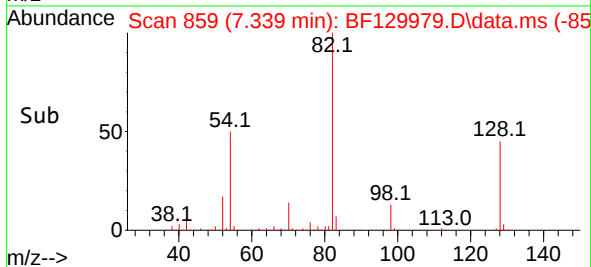
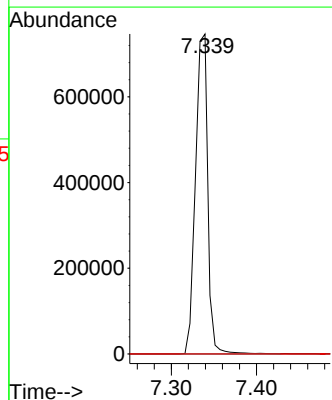
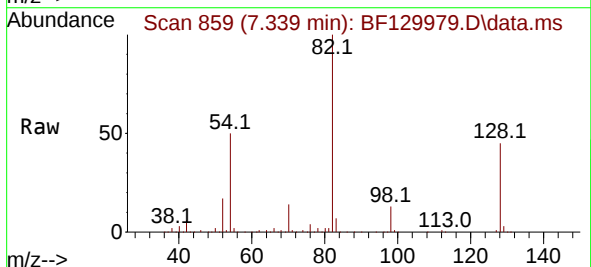
Instrument :
BNA_F
ClientSampleId :

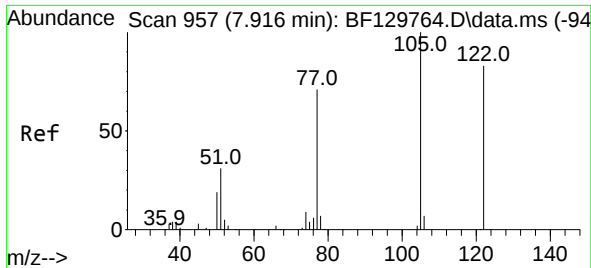
Tgt Ion: 82 Resp: 748012
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 50.4 40.0 60.0



#25
Isophorone
Concen: 58.220 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

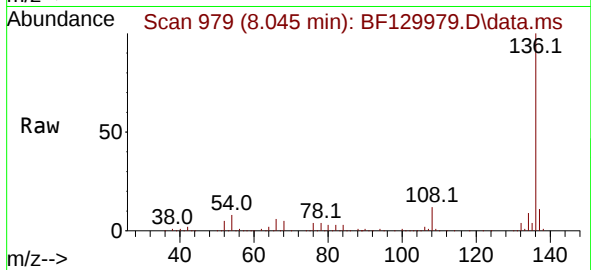
Tgt Ion: 82 Resp: 748002
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



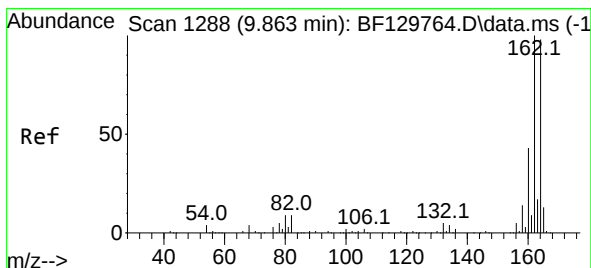
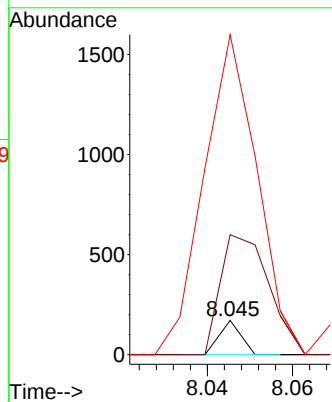
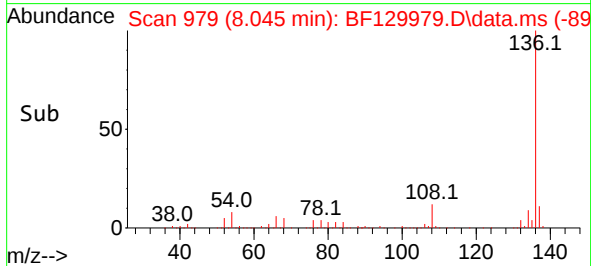


#32
Benzoic acid
Concen: 2.182 ng
RT: 8.045 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

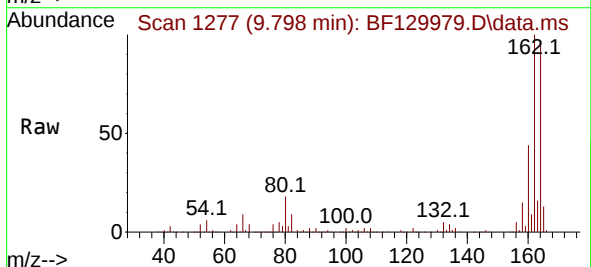
Instrument :
BNA_F
ClientSampleId :



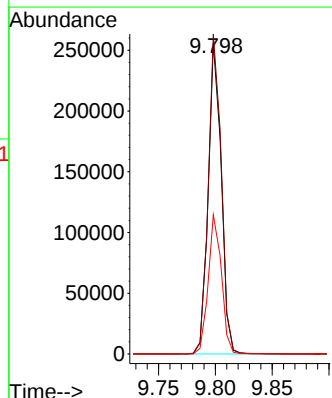
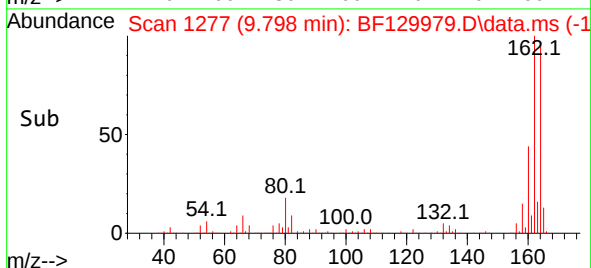
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 350.9 99.9 139.9#
77 935.1 65.9 105.9#

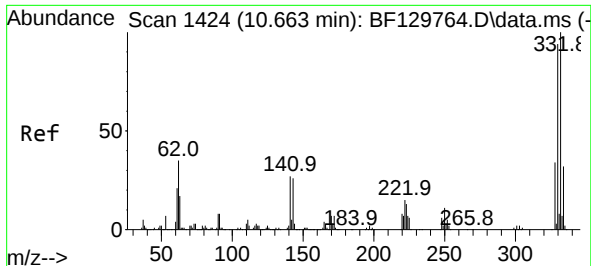


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10



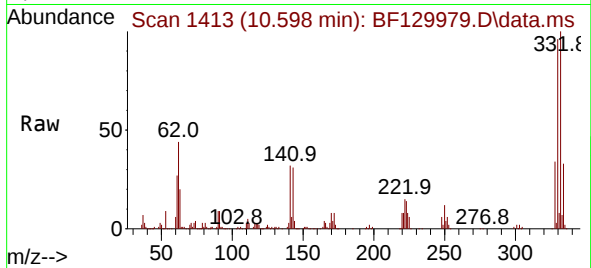
Tgt Ion:164 Resp: 203321
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 44.8 35.4 53.0



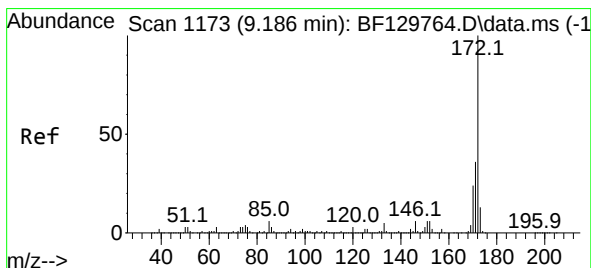
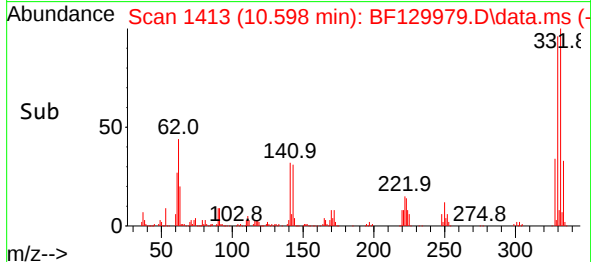
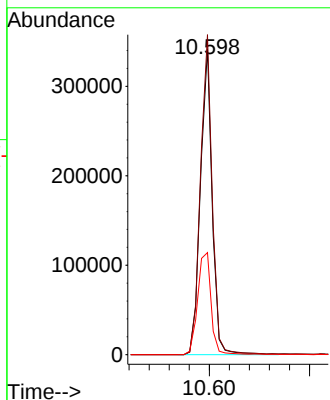


#42
2,4,6-Tribromophenol
Concen: 136.695 ng
RT: 10.598 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Instrument :
BNA_F
ClientSampleId :

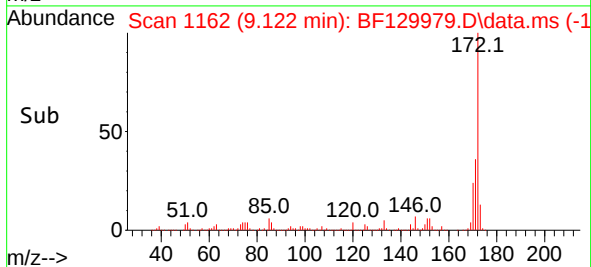
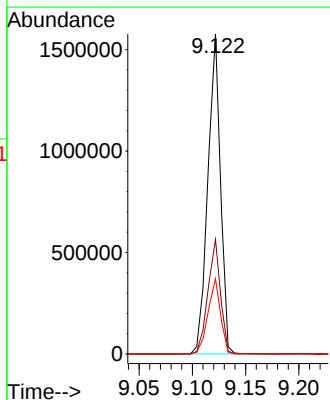
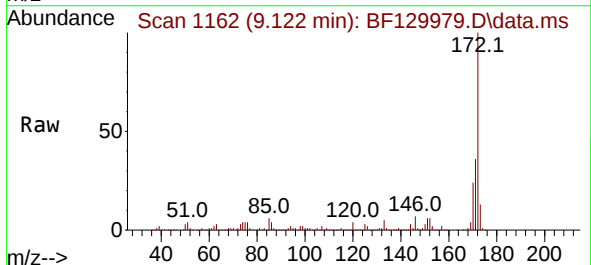


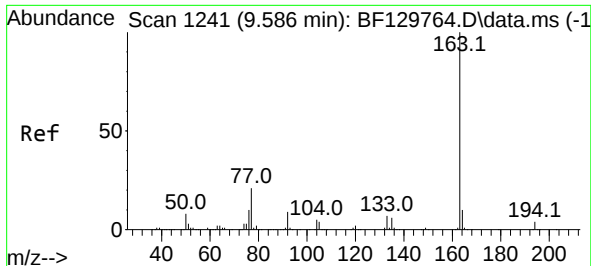
Tgt Ion:330 Resp: 278943
Ion Ratio Lower Upper
330 100
332 105.4 82.6 124.0
141 38.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 97.380 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

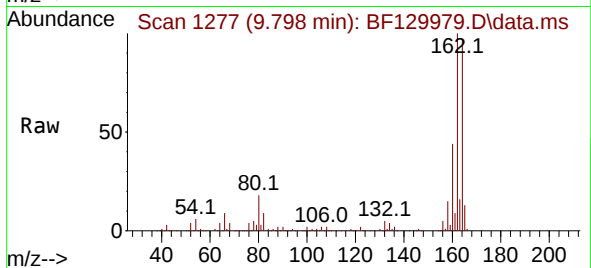
Tgt Ion:172 Resp: 1303618
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.1 28.7



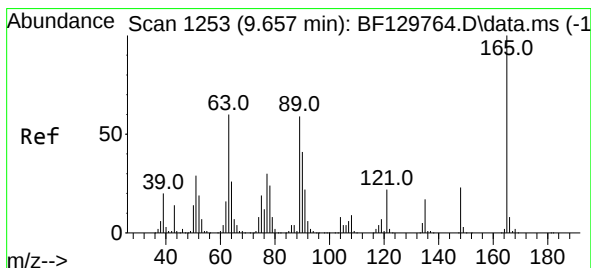
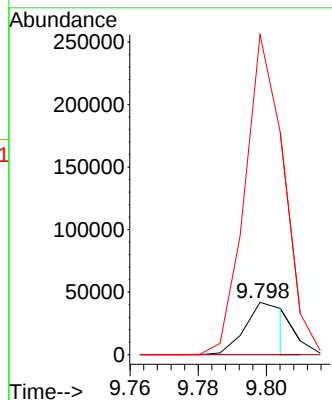
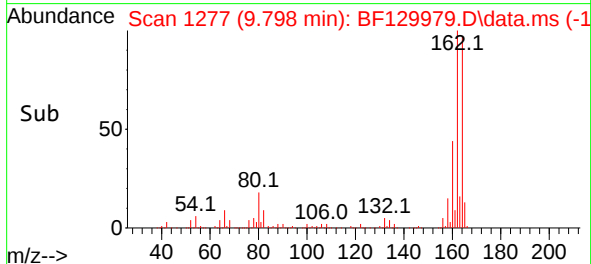


#50
Dimethylphthalate
Concen: 2.310 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

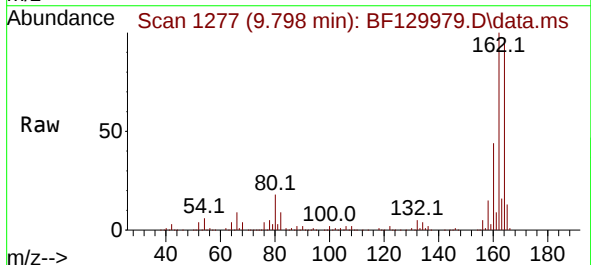
Instrument :
BNA_F
ClientSampleId :



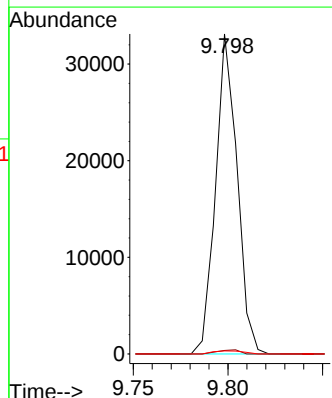
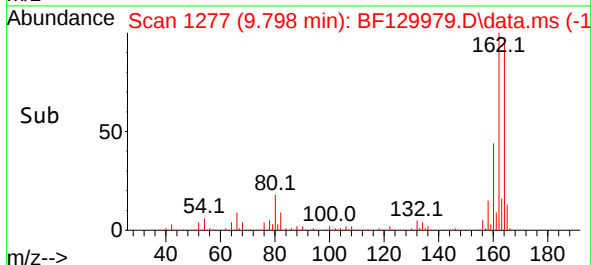
Tgt Ion:163 Resp: 33671
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 612.0 8.2 12.2#

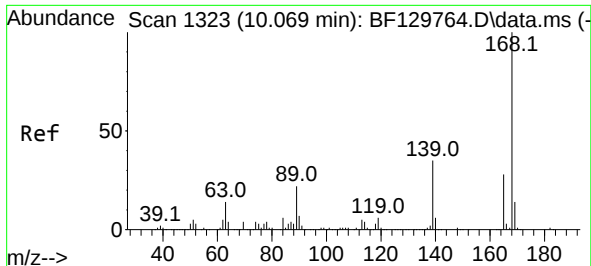


#51
2,6-Dinitrotoluene
Concen: 8.291 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10



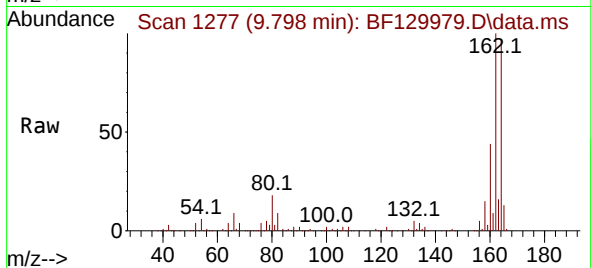
Tgt Ion:165 Resp: 26214
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.0 47.2 70.8#



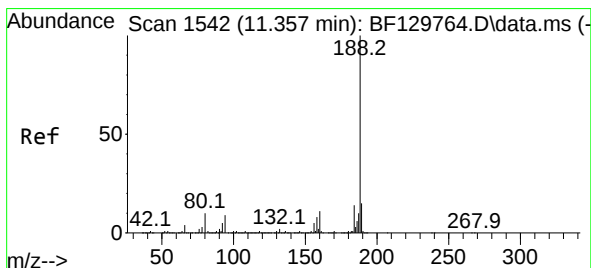
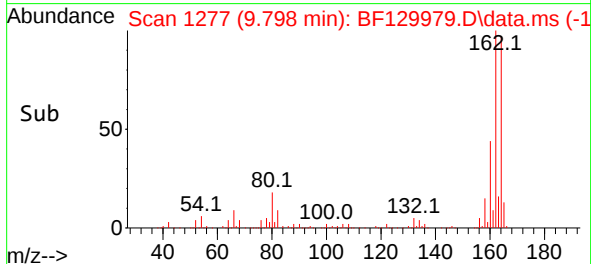
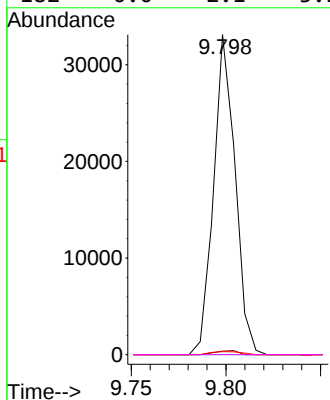


#57
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Instrument :
BNA_F
ClientSampleId :

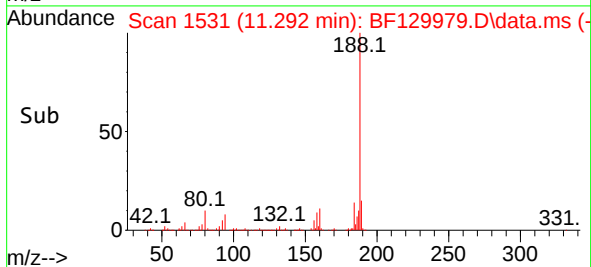
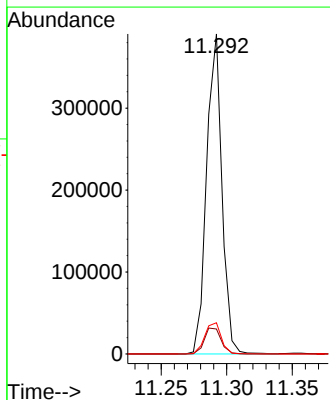
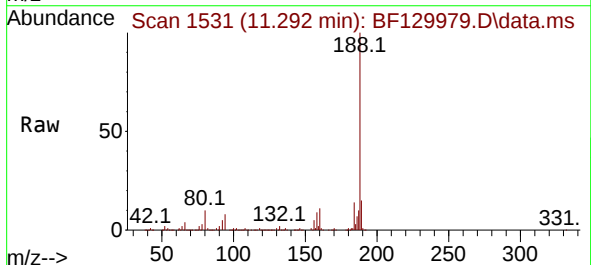


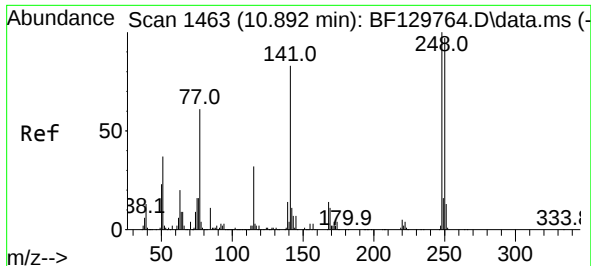
Tgt Ion:165 Resp: 26214
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

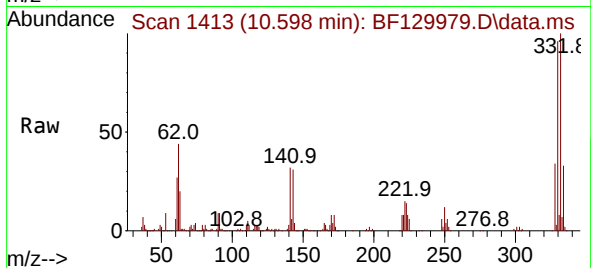
Tgt Ion:188 Resp: 318029
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 9.8 7.9 11.9



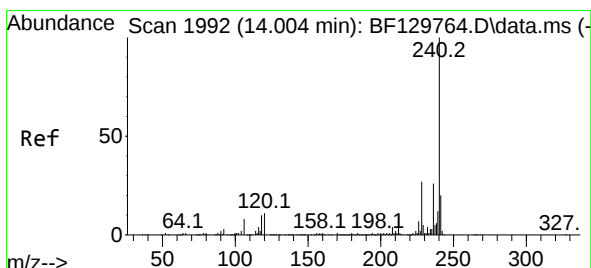
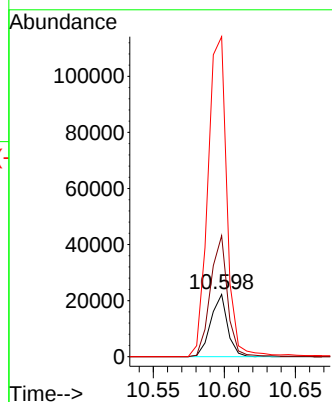
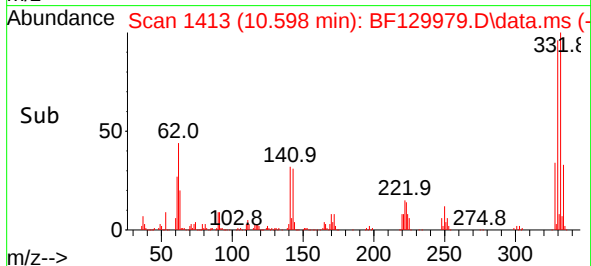


#67
4-Bromophenyl-phenylether
Concen: 4.922 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

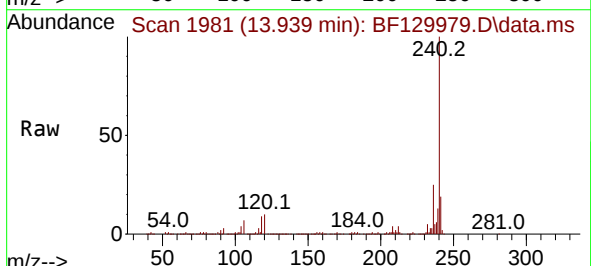
Instrument :
BNA_F
ClientSampleId :



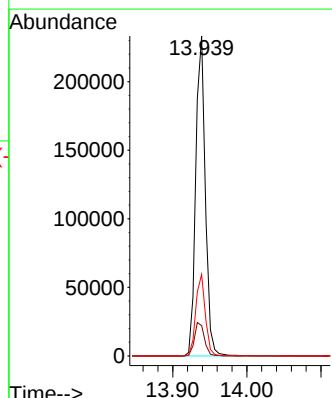
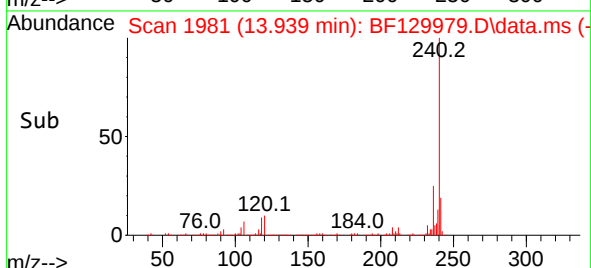
Tgt Ion:248 Resp: 18335
Ion Ratio Lower Upper
248 100
250 194.0 77.8 116.6#
141 513.5 66.2 99.2#

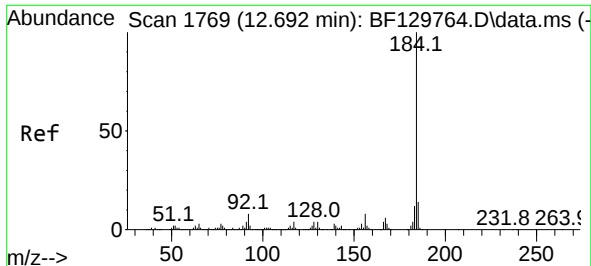


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10



Tgt Ion:240 Resp: 209360
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 25.5 20.7 31.1

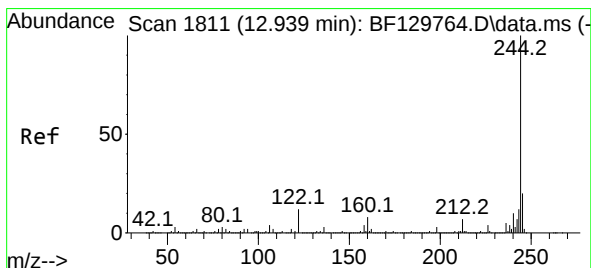
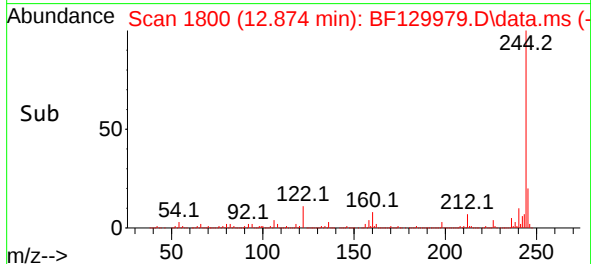
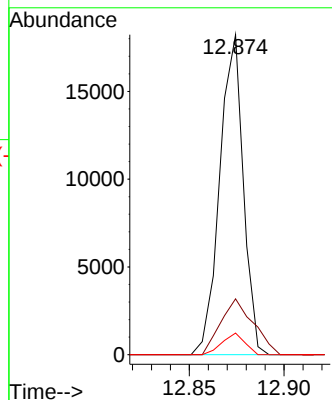
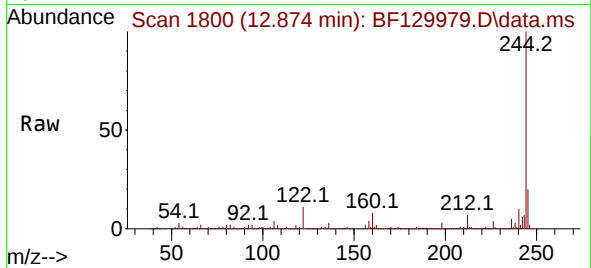




#77
Benzidine
Concen: Below Cal
RT: 12.874 min Scan# 1800
Delta R.T. 0.241 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

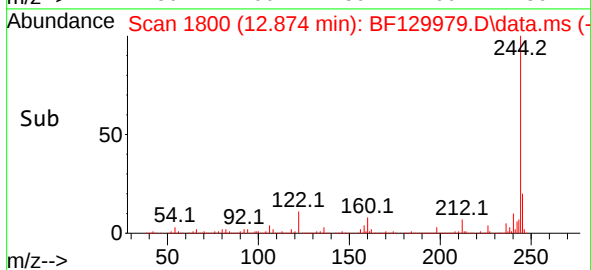
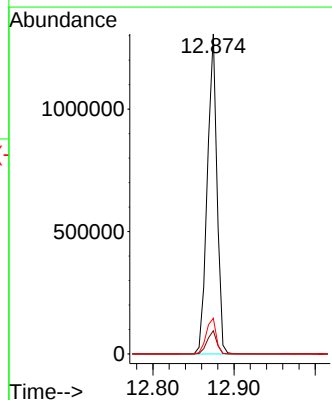
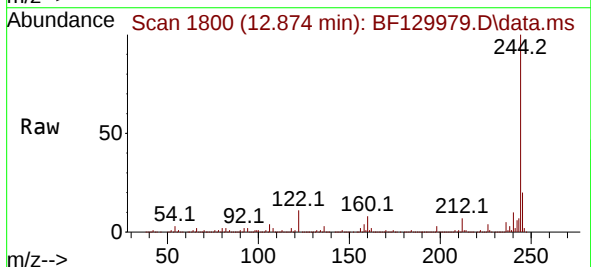
Instrument :
BNA_F
ClientSampleId :

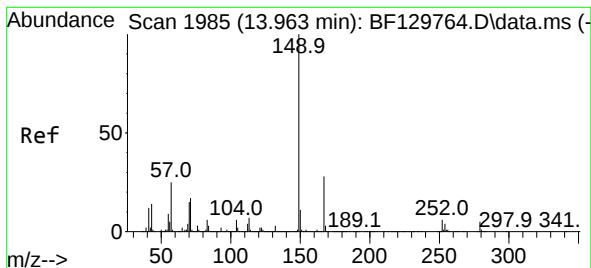
Tgt Ion:184 Resp: 15778
Ion Ratio Lower Upper
184 100
185 17.4 11.4 17.2#
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.525 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129979.D
Acq: 24 Aug 2022 19:10

Tgt Ion:244 Resp: 1076100
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.1 9.9 14.9

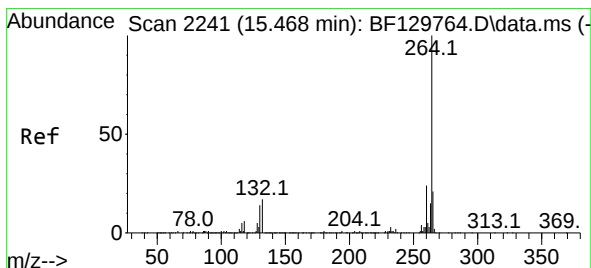
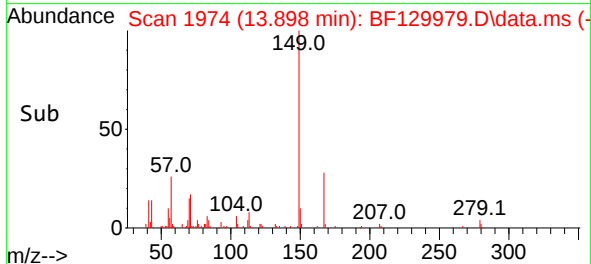
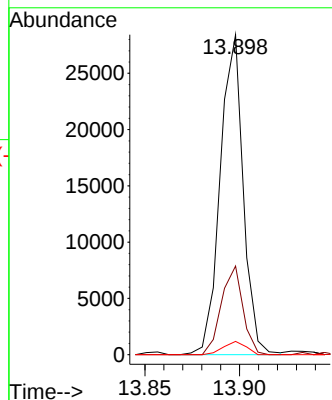
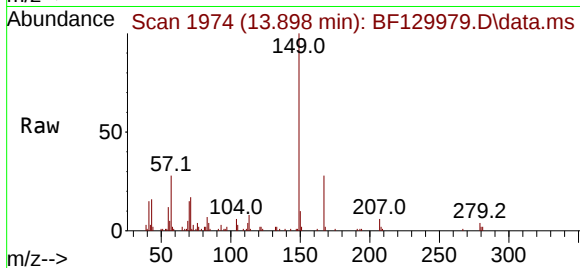




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.633 ng
 RT: 13.898 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: BF129979.D
 Acq: 24 Aug 2022 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 24050
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.0 33.0
 279 4.2 3.6 5.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF129979.D
 Acq: 24 Aug 2022 19:10

Tgt Ion:264 Resp: 197952
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.0 16.7 25.1

