

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129983.D
 Acq On : 24 Aug 2022 21:32
 Operator : CG\JU
 Sample : N4262-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Quant Time: Aug 25 04:15:50 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)

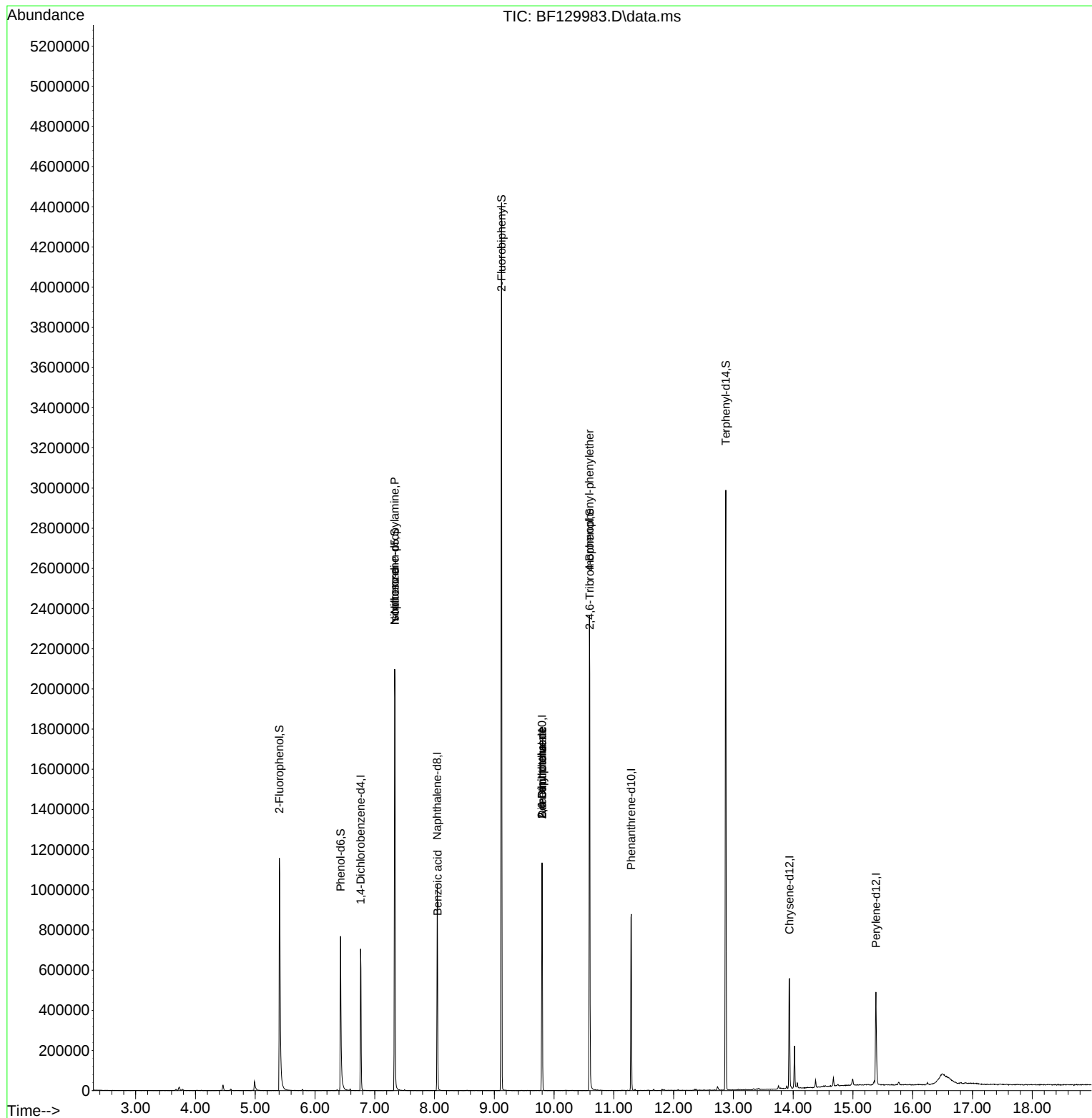
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	103064	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	406409	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	207623	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	323888	20.000	ng	0.00
76) Chrysene-d12	13.939	240	195424	20.000	ng	0.00
86) Perylene-d12	15.386	264	192846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	387134	62.192	ng	0.00
7) Phenol-d6	6.428	99	284969	36.557	ng	0.00
23) Nitrobenzene-d5	7.334	82	703793	92.703	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	263855	126.622	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1246771	91.204	ng	0.00
79) Terphenyl-d14	12.874	244	943441	80.329	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	520	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.334	70	97089	19.705	ng	# 78
25) Isophorone	7.334	82	703786	53.860	ng	# 65
32) Benzoic acid	8.051	122	55	2.178	ng	# 1
50) Dimethylphthalate	9.798	163	35872	2.410	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27317	8.461	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	27317	6.518	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	16423	4.329	ng	# 1
77) Benzidine	12.874	184	13791	Below Cal	#	94

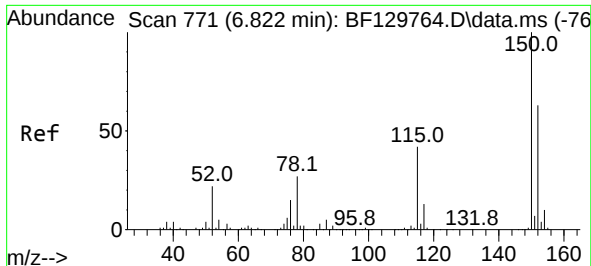
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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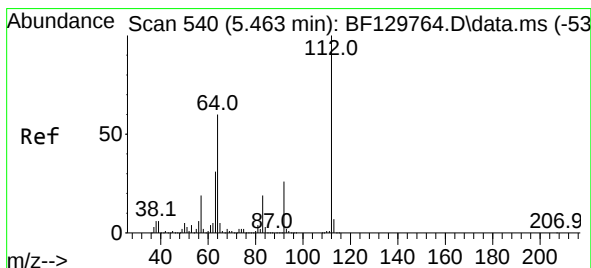
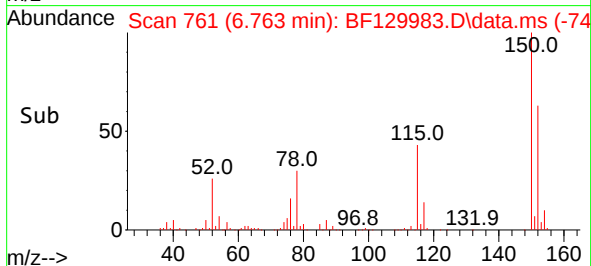
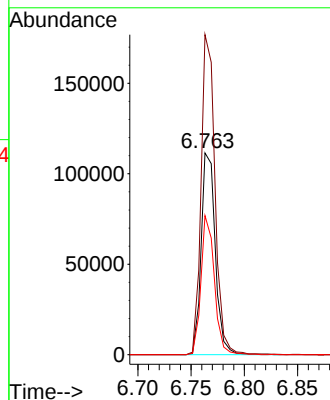
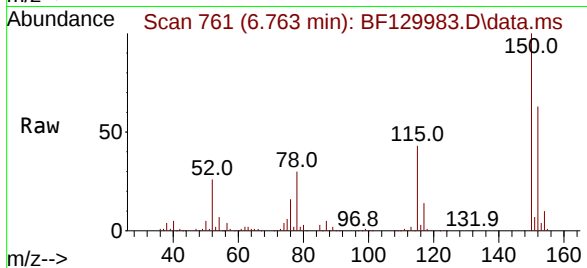




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

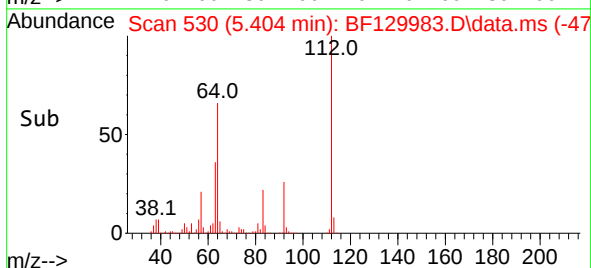
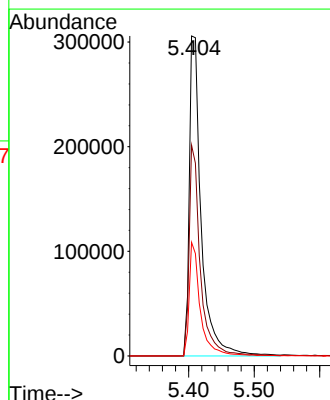
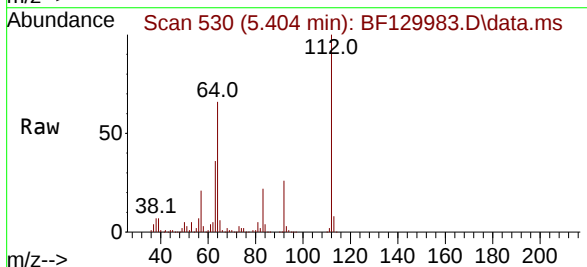
Instrument :
BNA_F
ClientSampleId :
MW-102S

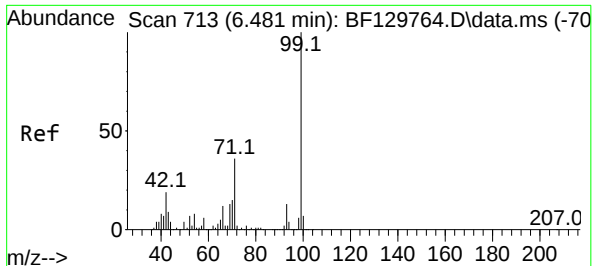
Tgt Ion:152 Resp: 103064
Ion Ratio Lower Upper
152 100
150 158.7 126.9 190.3
115 69.0 53.4 80.0



#5
2-Fluorophenol
Concen: 62.192 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.000 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:112 Resp: 387134
Ion Ratio Lower Upper
112 100
64 65.8 47.6 71.4
63 35.5 24.6 37.0

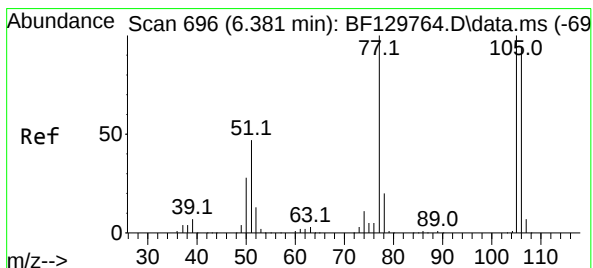
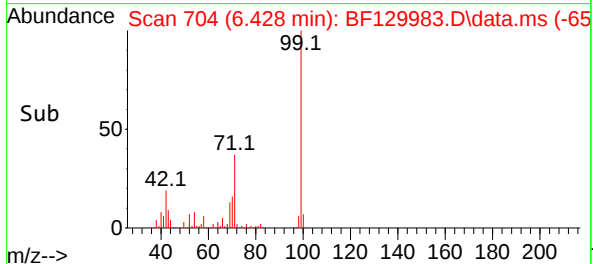
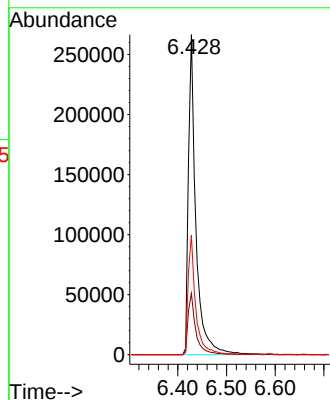
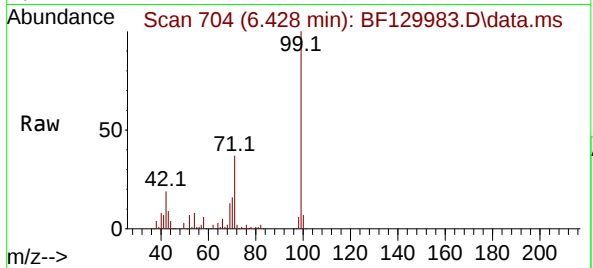




#7
Phenol-d6
Concen: 36.557 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

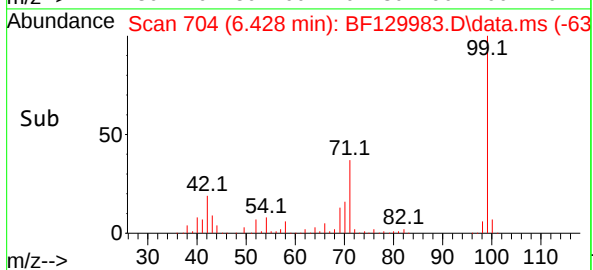
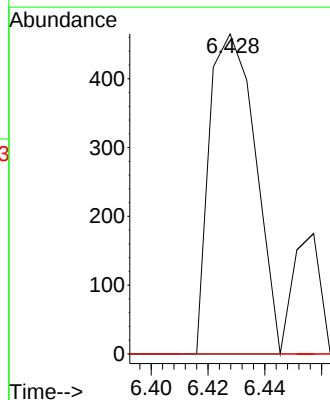
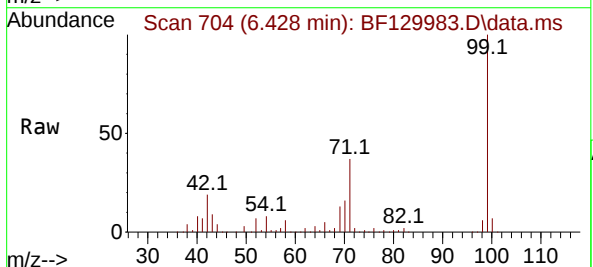
Instrument :
BNA_F
ClientSampleId :
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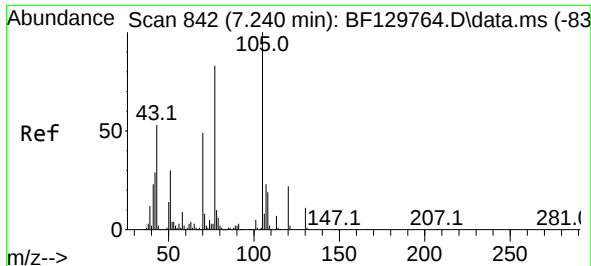
Tgt Ion: 99 Resp: 284969
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 37.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion: 77 Resp: 520
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

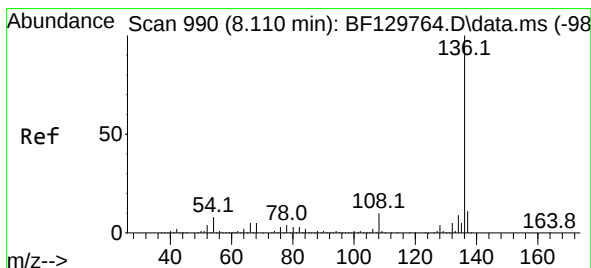
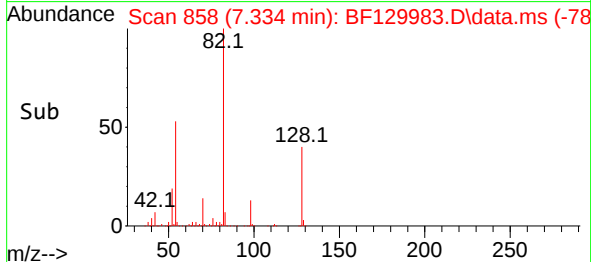
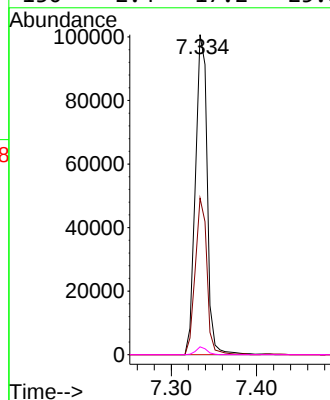
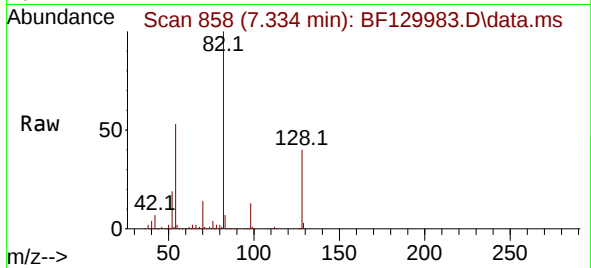




#19
n-Nitroso-di-n-propylamine
Concen: 19.705 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

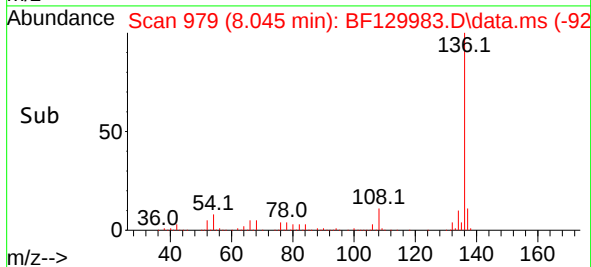
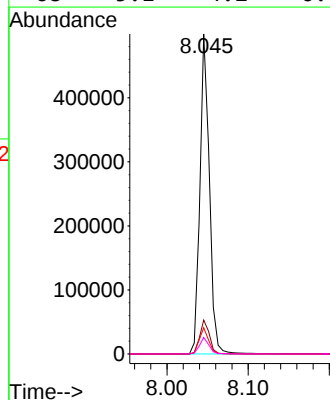
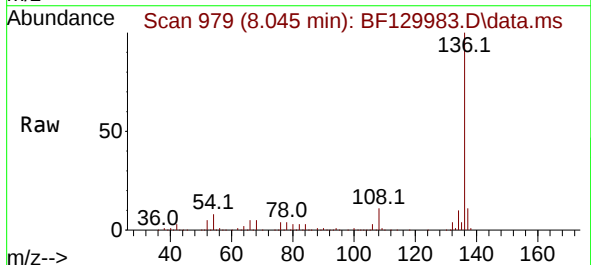
Instrument :
BNA_F
ClientSampleId :
MW-102S

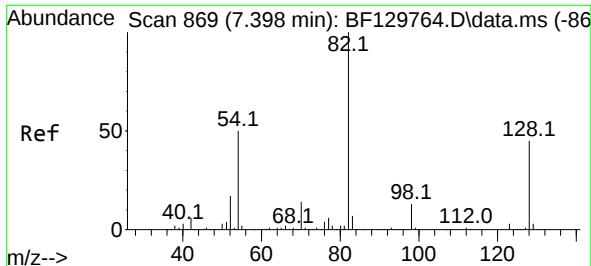
Tgt Ion: 70 Resp: 97089
Ion Ratio Lower Upper
70 100
42 48.9 47.6 71.4
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:136 Resp: 406409
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.2 6.2 9.2
68 5.1 4.2 6.4

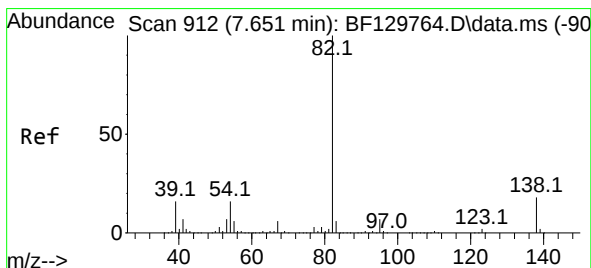
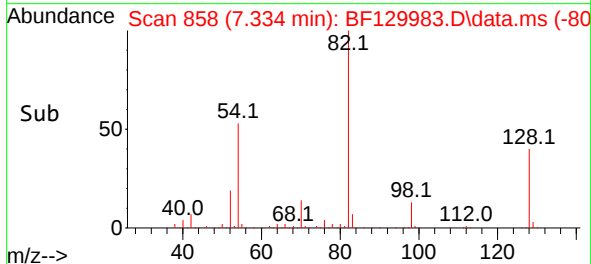
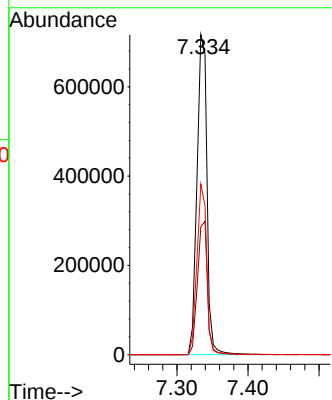
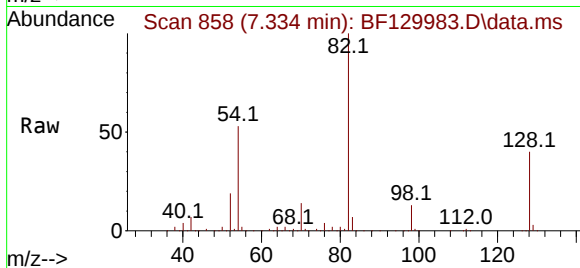




#23
Nitrobenzene-d5
Concen: 92.703 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

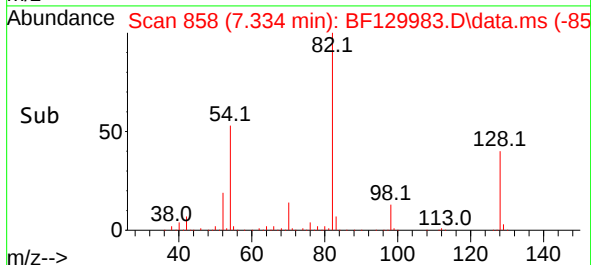
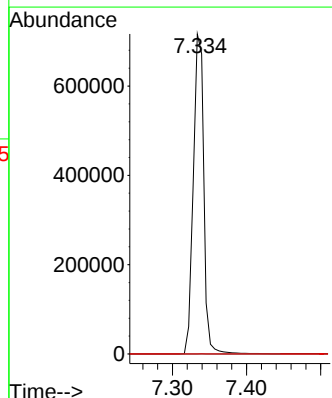
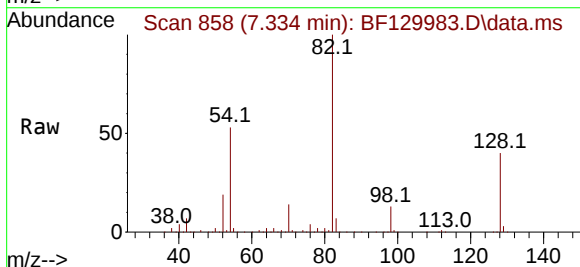
Instrument :
BNA_F
ClientSampleId :
MW-102S

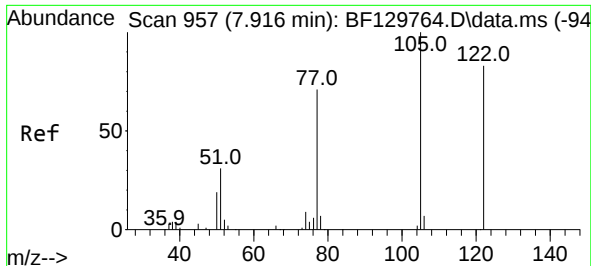
Tgt Ion: 82 Resp: 703793
Ion Ratio Lower Upper
82 100
128 40.0 36.1 54.1
54 53.3 40.0 60.0



#25
Isophorone
Concen: 53.860 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.265 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion: 82 Resp: 703786
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

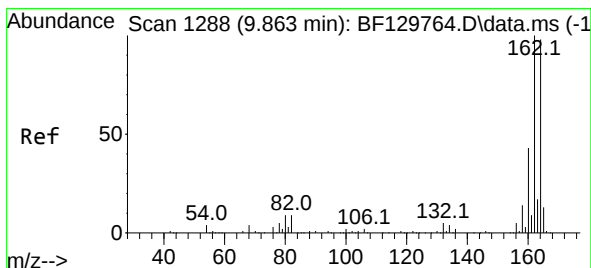
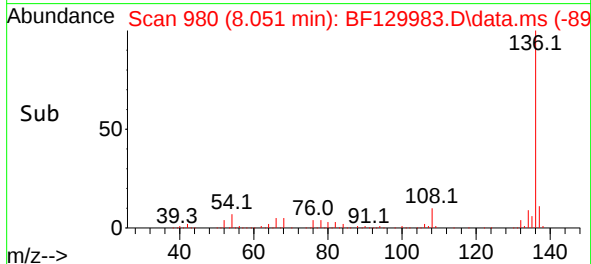
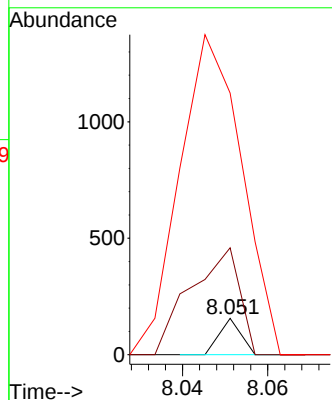
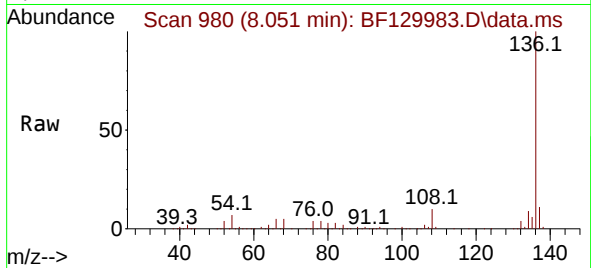




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.176 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

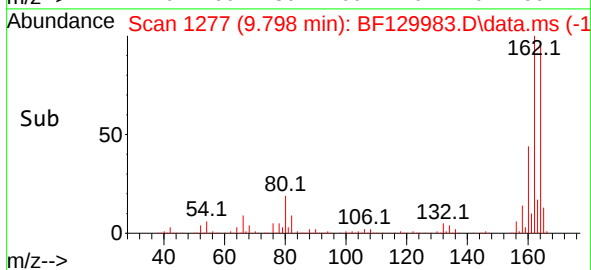
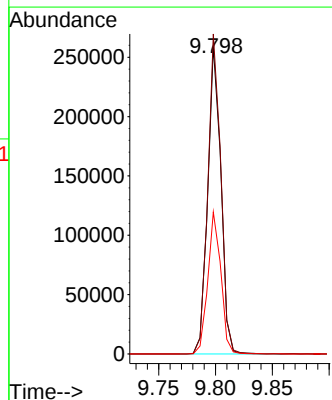
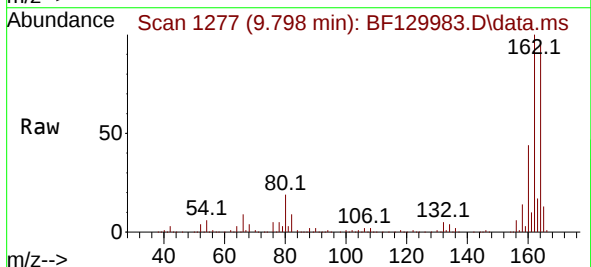
Instrument :
BNA_F
ClientSampleId :
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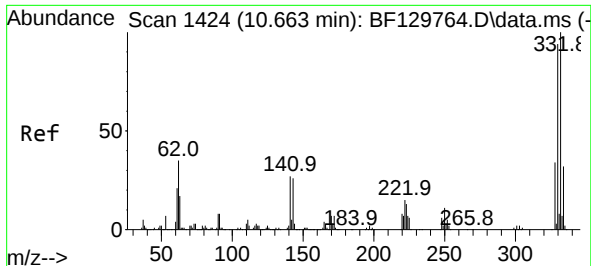
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 294.2 99.9 139.9#
77 719.9 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:164 Resp: 207623
Ion Ratio Lower Upper
164 100
162 104.2 82.0 123.0
160 46.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.622 ng

RT: 10.598 min Scan# 141

Delta R.T. -0.006 min

Lab File: BF129983.D

Acq: 24 Aug 2022 21:32

Instrument :

BNA_F

ClientSampleId :

MW-102S

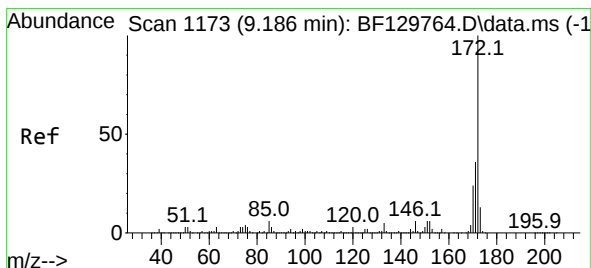
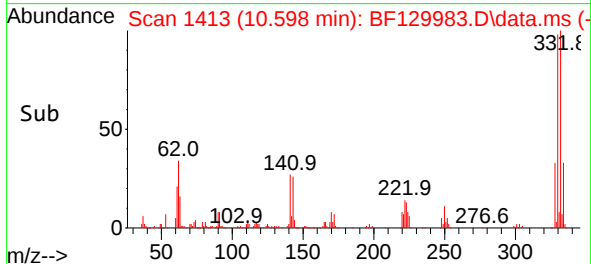
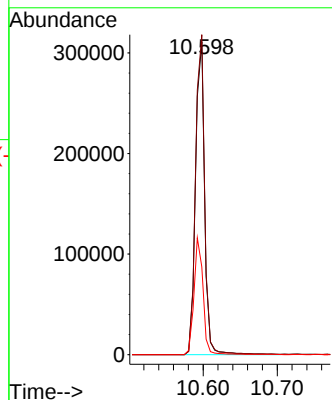
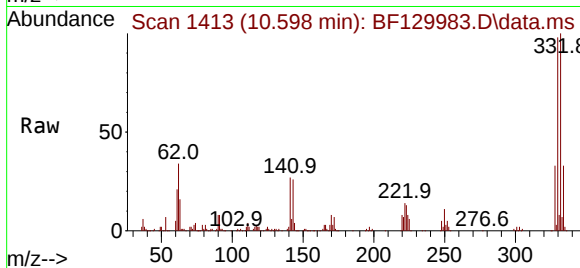
Tgt Ion:330 Resp: 263855

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 37.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.204 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129983.D

Acq: 24 Aug 2022 21:32

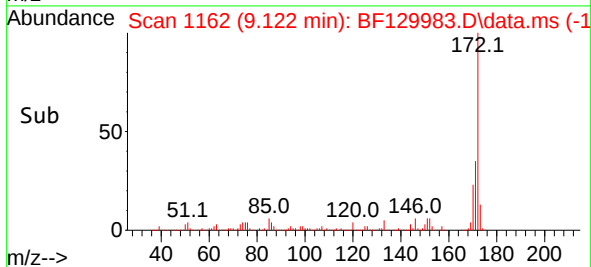
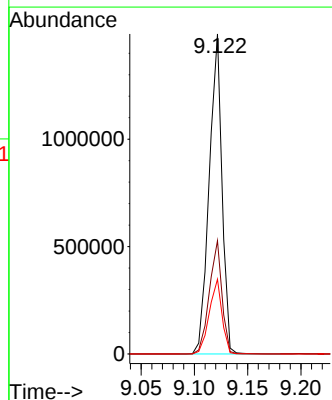
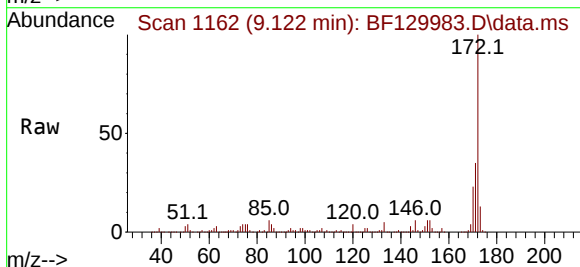
Tgt Ion:172 Resp: 1246771

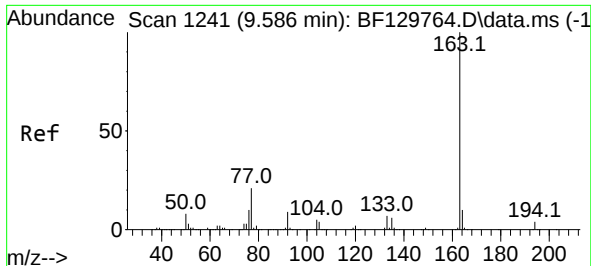
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 19.1 28.7

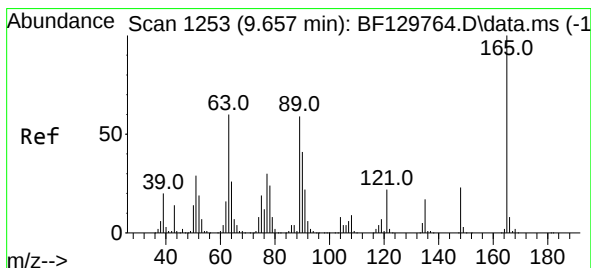
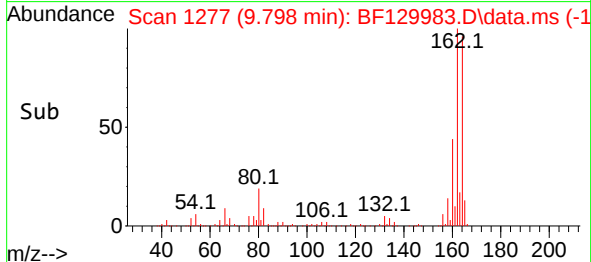
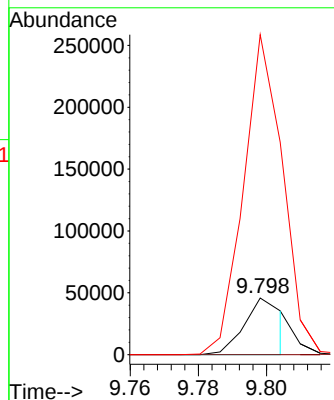
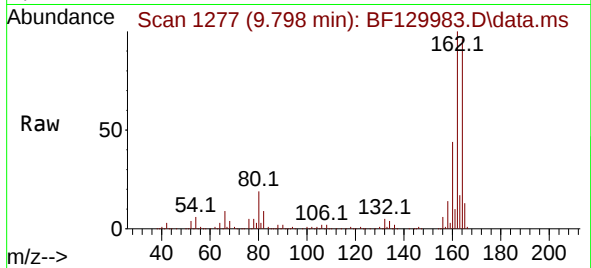




#50
Dimethylphthalate
Concen: 2.410 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

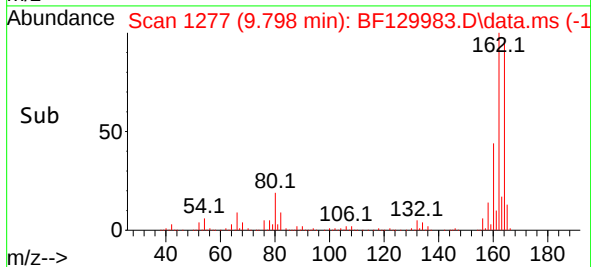
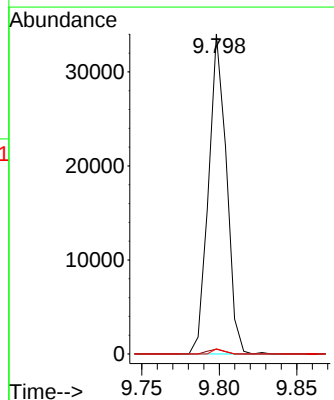
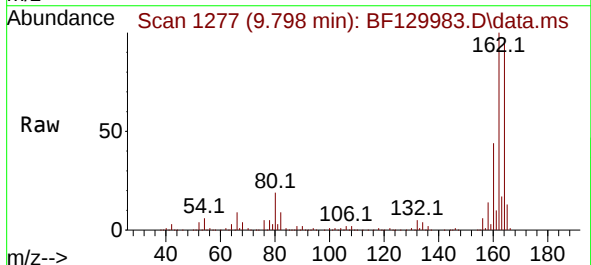
Instrument :
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ClientSampleId :
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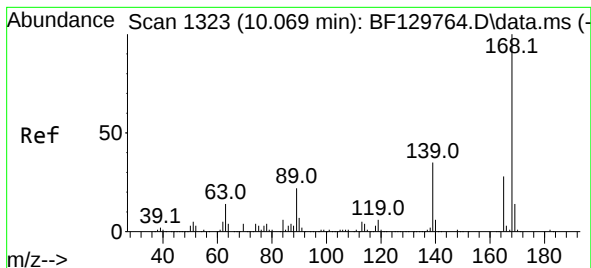
Tgt Ion:163 Resp: 35872
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 564.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.461 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:165 Resp: 27317
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.6 47.2 70.8#

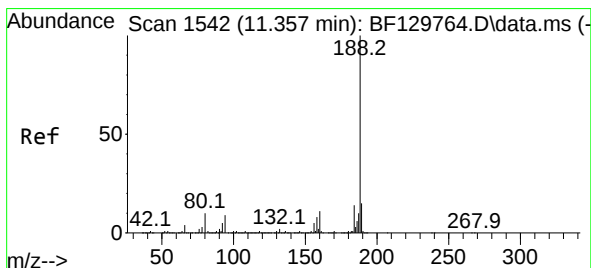
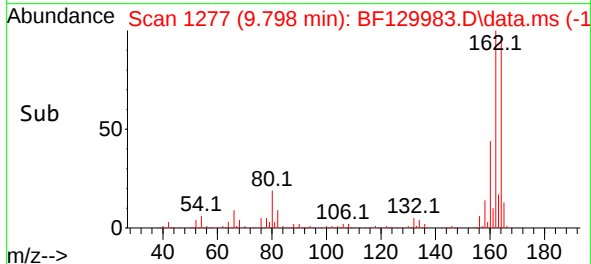
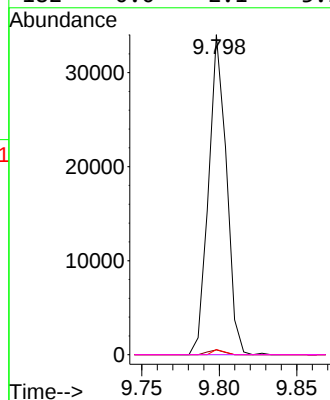
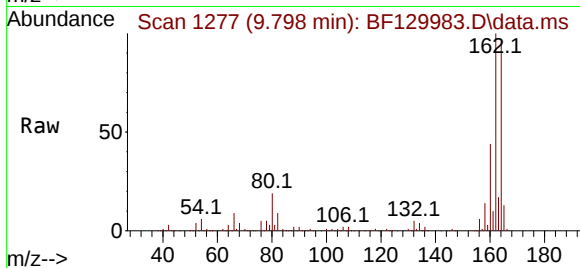




#57
2,4-Dinitrotoluene
Concen: 6.518 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

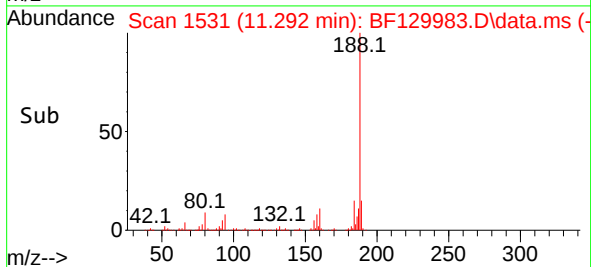
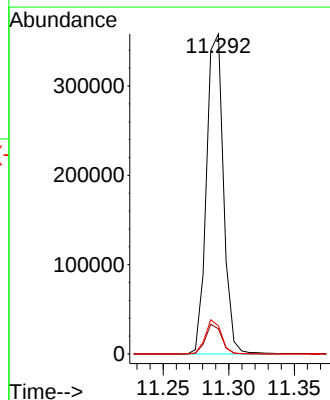
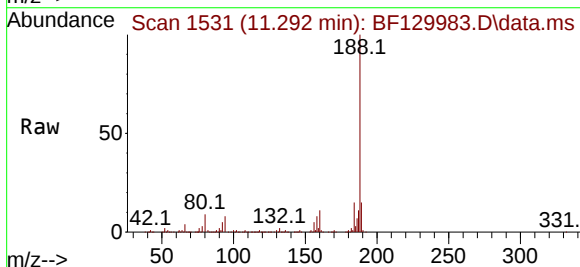
Instrument :
BNA_F
ClientSampleId :
MW-102S

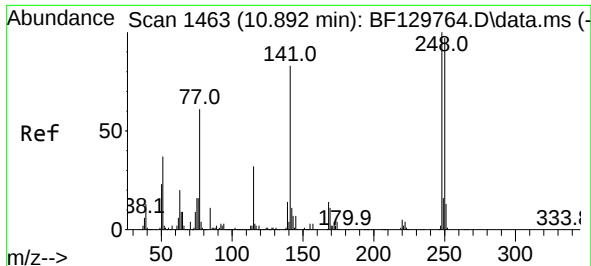
Tgt Ion:165	Resp:	27317
Ion Ratio	Lower	Upper
165	100	
63	1.5	48.4 72.6#
89	1.6	62.3 93.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:188	Resp:	323888
Ion Ratio	Lower	Upper
188	100	
94	7.9	7.4 11.2
80	8.8	7.9 11.9

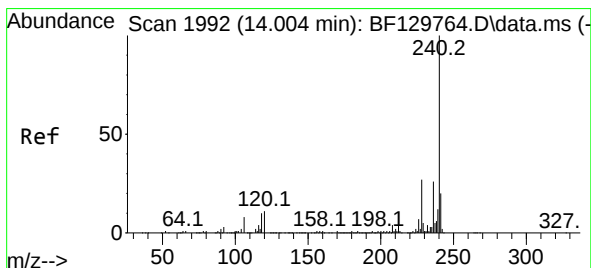
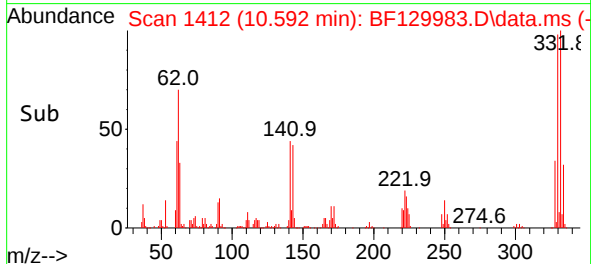
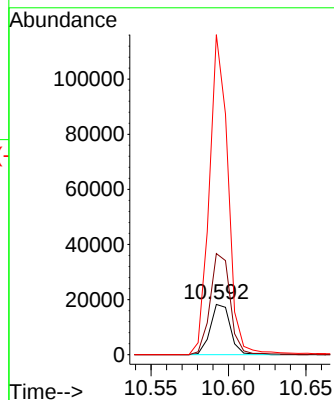
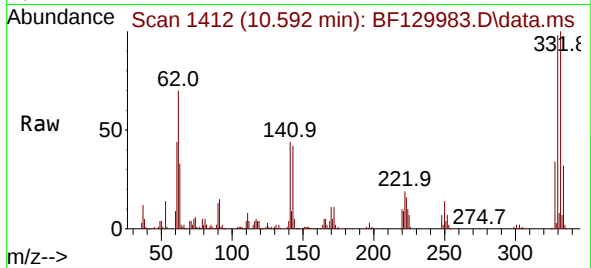




#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 10.592 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

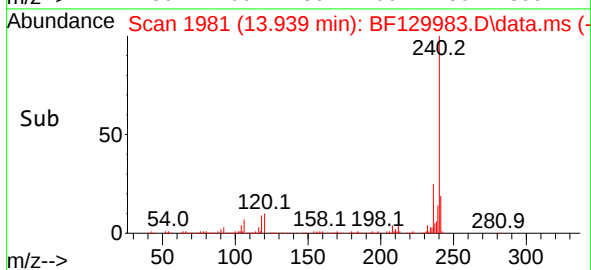
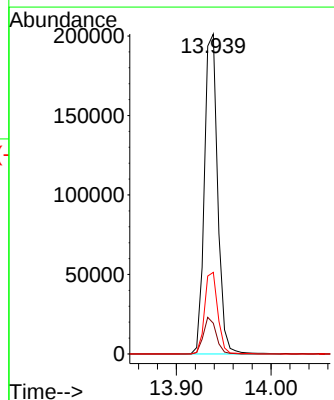
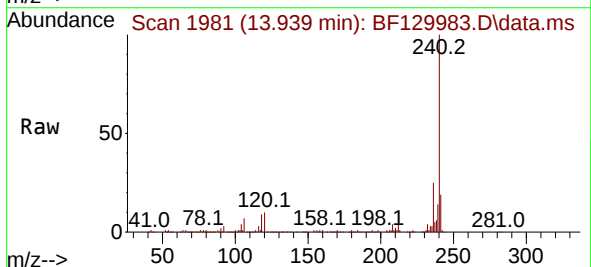
Instrument :
BNA_F
ClientSampleId :
MW-102S

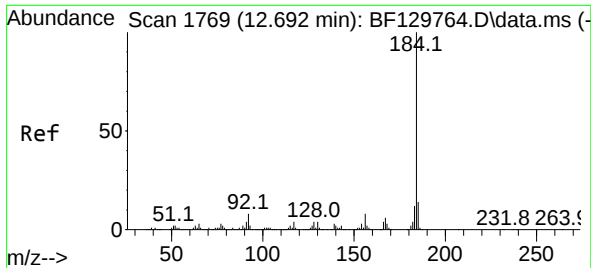
Tgt Ion:248 Resp: 16423
Ion Ratio Lower Upper
248 100
250 201.3 77.8 116.6#
141 636.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:240 Resp: 195424
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.5 20.7 31.1

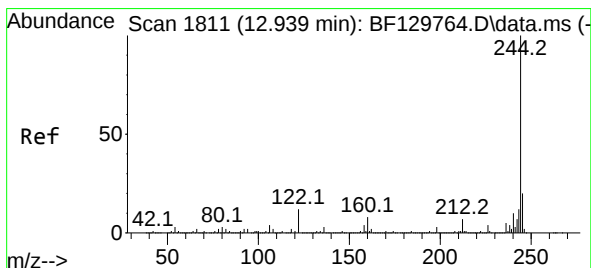
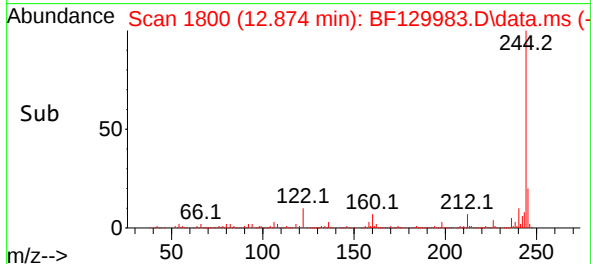
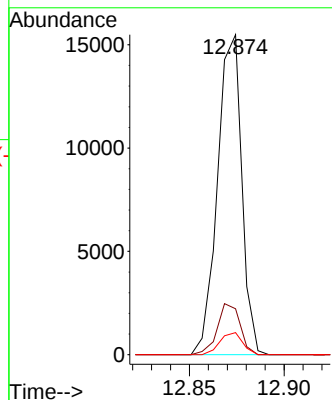
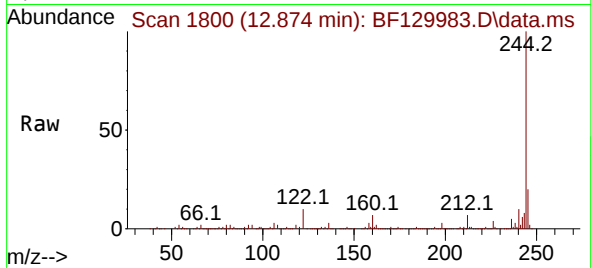




#77
Benzidine
Concen: Below Cal
RT: 12.874 min Scan# 1800
Delta R.T. 0.241 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

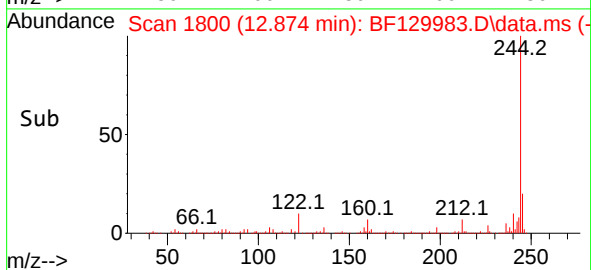
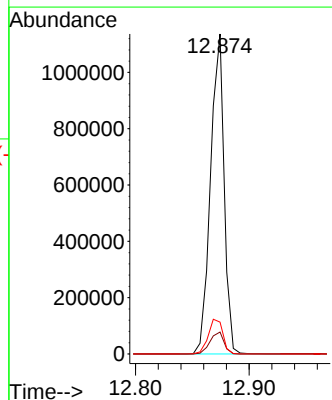
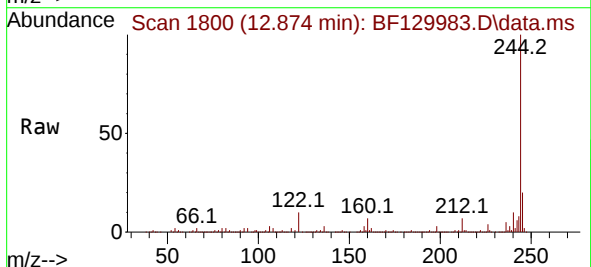
Instrument :
BNA_F
ClientSampleId :
MW-102S

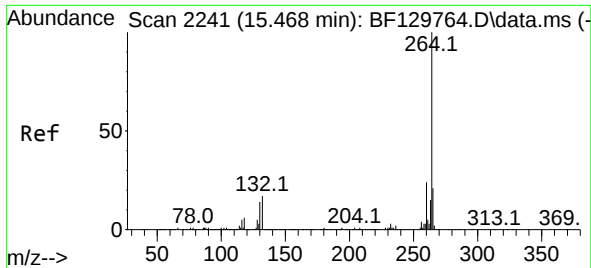
Tgt Ion:184 Resp: 13791
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.329 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129983.D
Acq: 24 Aug 2022 21:32

Tgt Ion:244 Resp: 943441
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.0 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: BF129983.D
 Acq: 24 Aug 2022 21:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Tgt Ion:264 Resp: 192846
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.0 16.7 25.1

