

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130014.D
 Acq On : 26 Aug 2022 11:32
 Operator : CG\JU
 Sample : PB147279BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147279BL

Quant Time: Aug 27 06:05:47 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 14:45:09 2022
 Response via : Initial Calibration

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

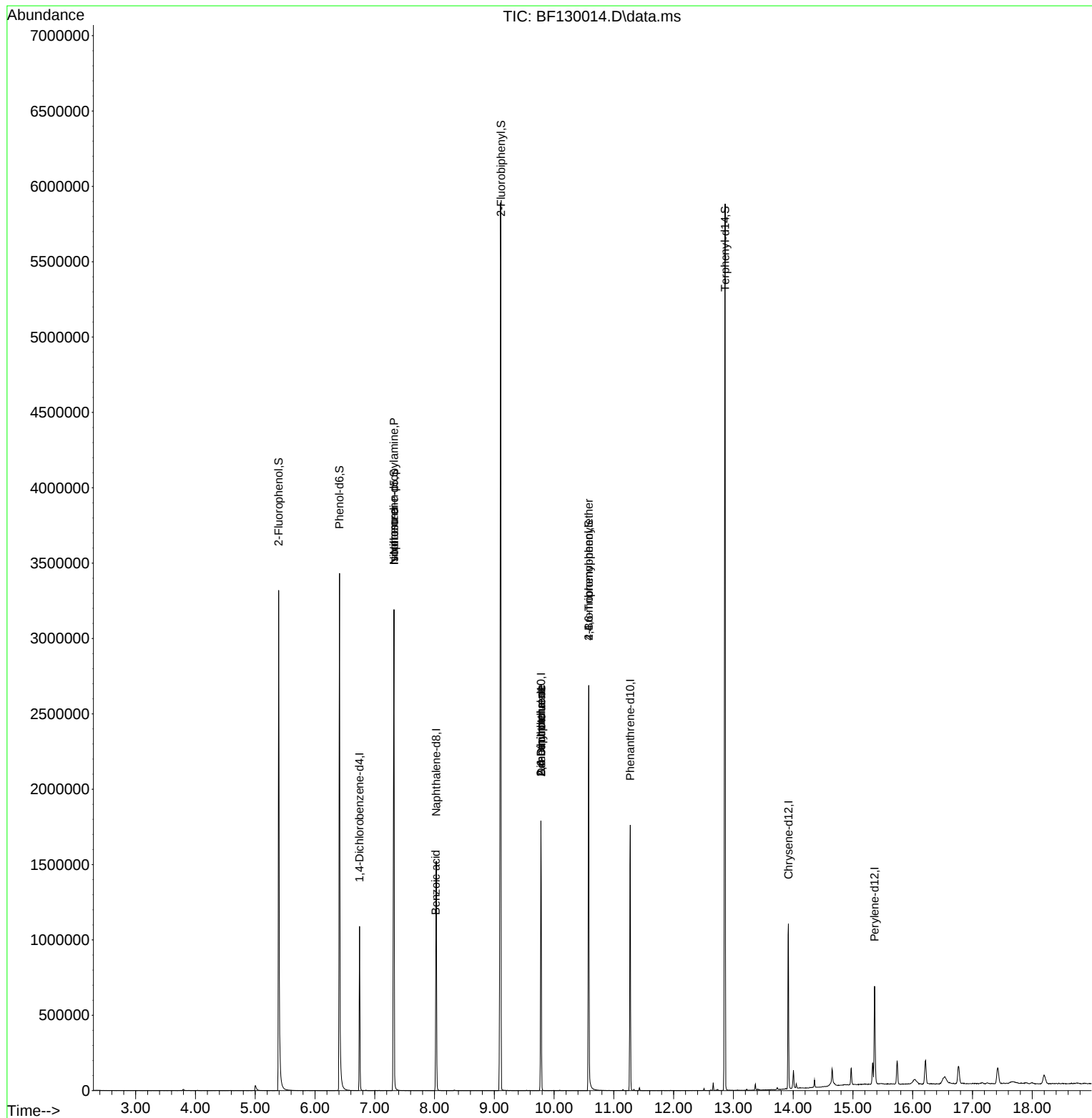
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	148240	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	647247	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	364853	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	601757	20.000	ng	0.00
76) Chrysene-d12	13.921	240	370711	20.000	ng	0.00
86) Perylene-d12	15.363	264	278159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	921870	102.964	ng	0.00
7) Phenol-d6	6.410	99	1128837	100.681	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1116179	92.316	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	309592	84.545	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2121882	88.329	ng	0.00
79) Terphenyl-d14	12.863	244	2111186	94.761	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	1886	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.322	70	151461	21.372 ng	#	77
25) Isophorone	7.322	82	1116169	53.636 ng	#	65
32) Benzoic acid	8.022	122	227	2.226 ng	#	1
50) Dimethylphthalate	9.781	163	62851	2.403 ng	#	1
51) 2,6-Dinitrotoluene	9.781	165	46674	8.226 ng	#	23
57) 2,4-Dinitrotoluene	9.781	165	46674	6.337 ng	#	18
67) 4-Bromophenyl-phenylether	10.580	248	19694	2.794 ng	#	1
77) Benzidine	12.621	184	2994	Below Cal	#	88

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

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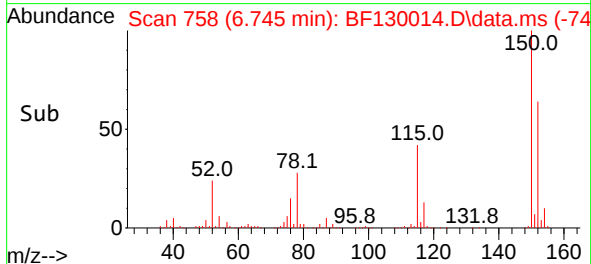
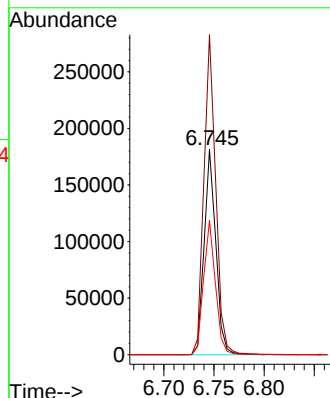
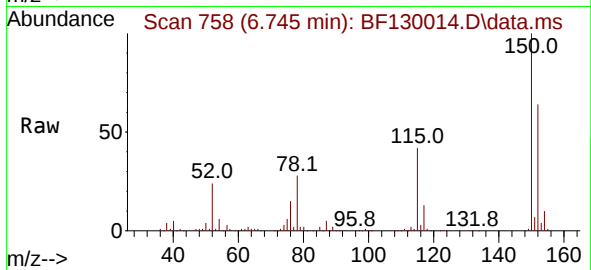




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

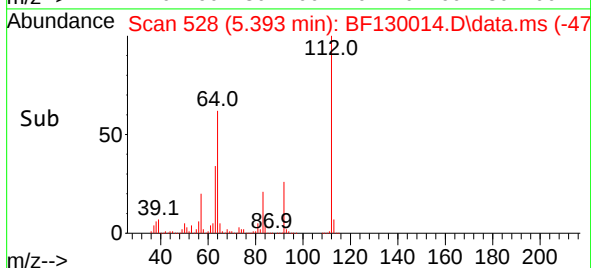
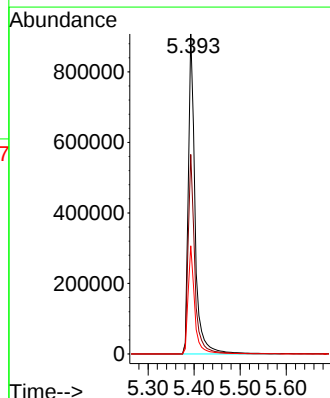
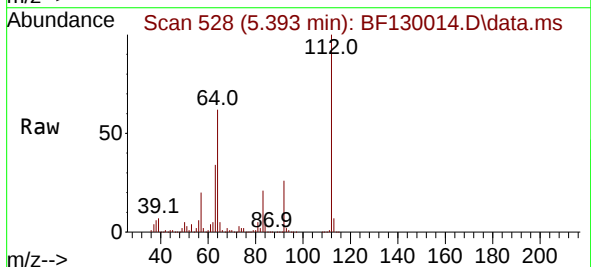
Instrument :
BNA_F
ClientSampleId :
PB147279BL

Tgt Ion:152 Resp: 148240
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 65.4 53.4 80.0



#5
2-Fluorophenol
Concen: 102.964 ng
RT: 5.393 min Scan# 528
Delta R.T. -0.000 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion:112 Resp: 921870
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 33.8 24.6 37.0

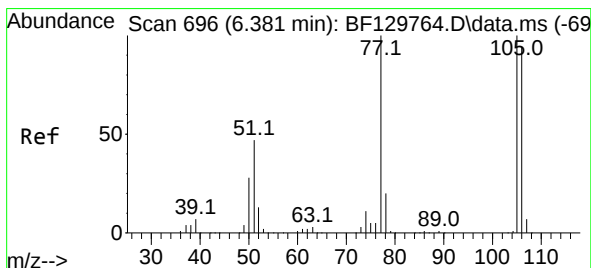
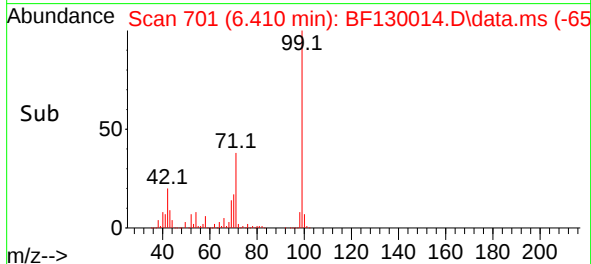
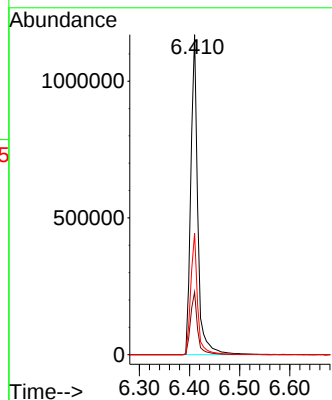
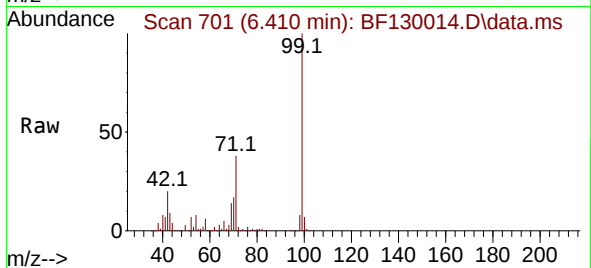




#7
Phenol-d6
Concen: 100.681 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

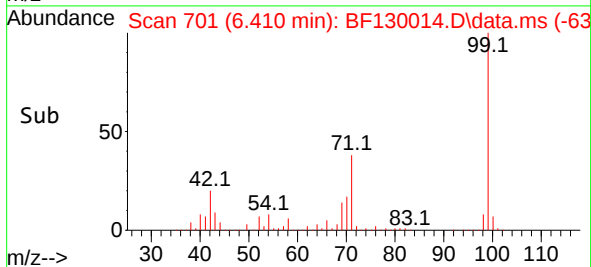
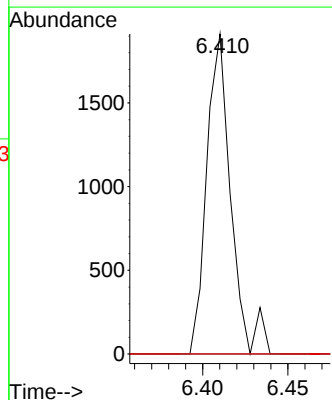
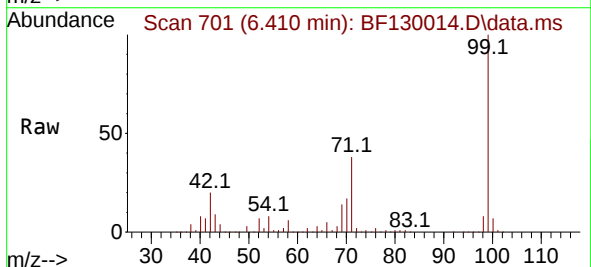
Instrument :
BNA_F
ClientSampleId :
PB147279BL

Tgt Ion: 99 Resp: 1128837
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 38.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion: 77 Resp: 1886
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

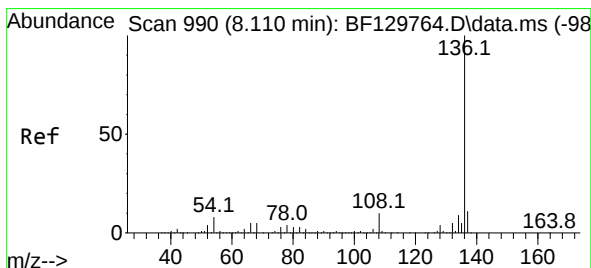
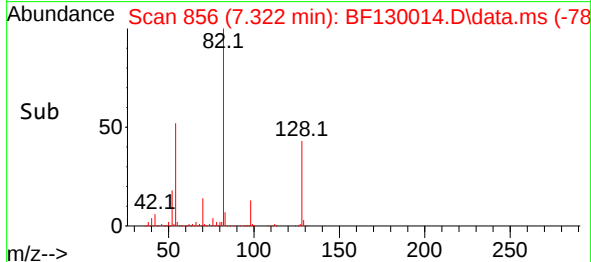
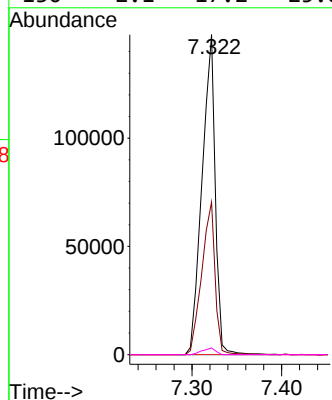
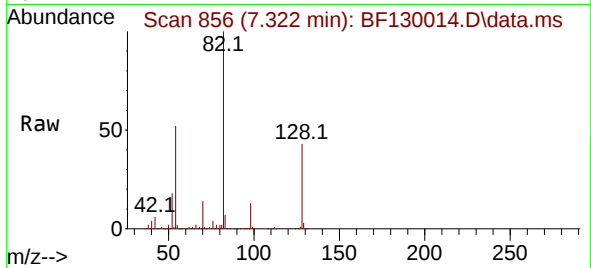




#19
n-Nitroso-di-n-propylamine
Concen: 21.372 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

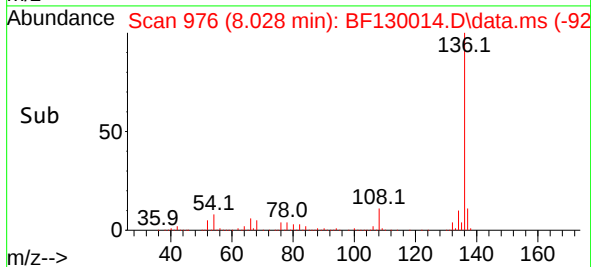
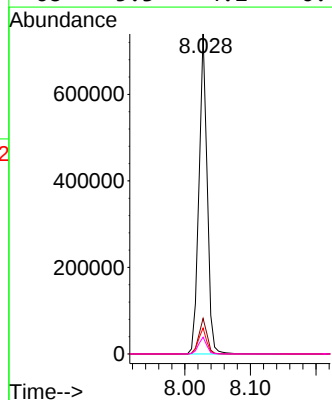
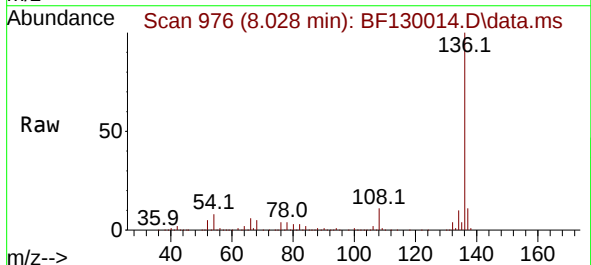
Instrument :
BNA_F
ClientSampleId :
PB147279BL

Tgt Ion: 70 Resp: 151461
Ion Ratio Lower Upper
70 100
42 47.7 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: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion: 136 Resp: 647247
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 92.316 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.012 min

Lab File: BF130014.D

Acq: 26 Aug 2022 11:32

Instrument :

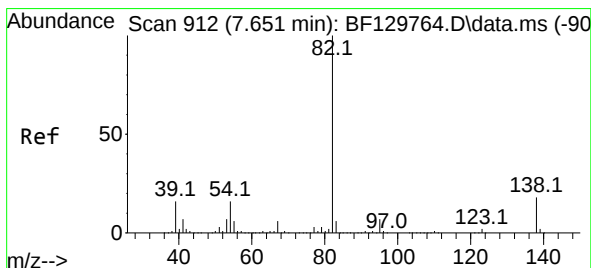
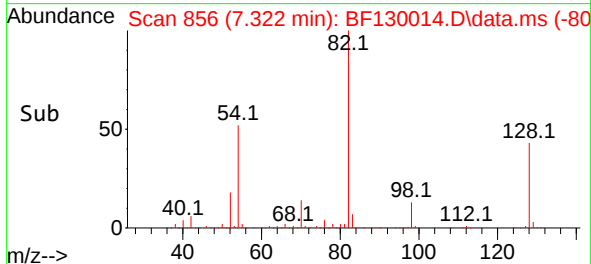
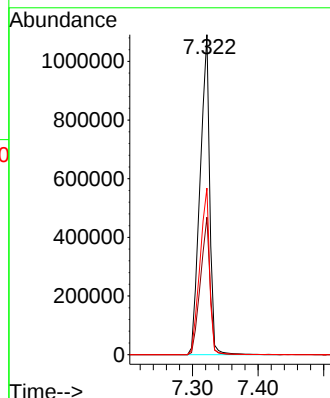
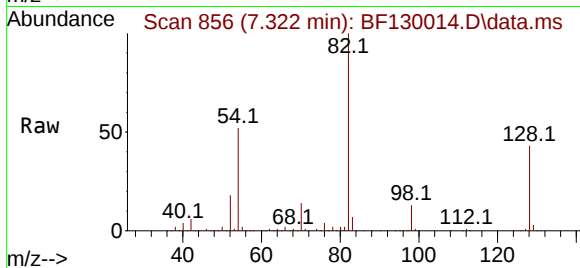
BNA_F

ClientSampleId :

PB147279BL

Tgt Ion: 82 Resp: 1116179

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	52.1	40.0	60.0



#25

Isophorone

Concen: 53.636 ng

RT: 7.322 min Scan# 856

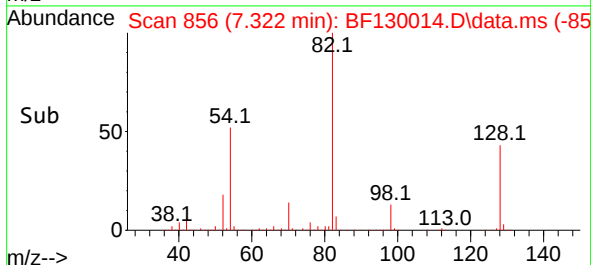
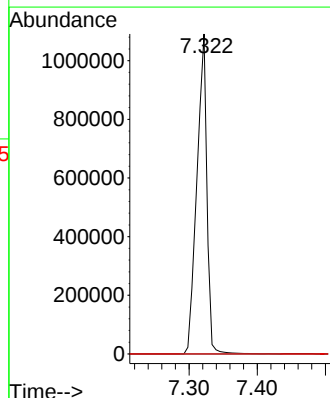
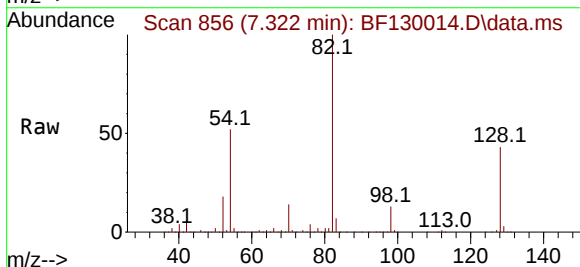
Delta R.T. -0.265 min

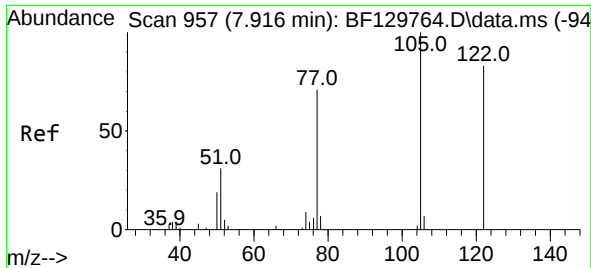
Lab File: BF130014.D

Acq: 26 Aug 2022 11:32

Tgt Ion: 82 Resp: 1116169

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	14.6	21.8#

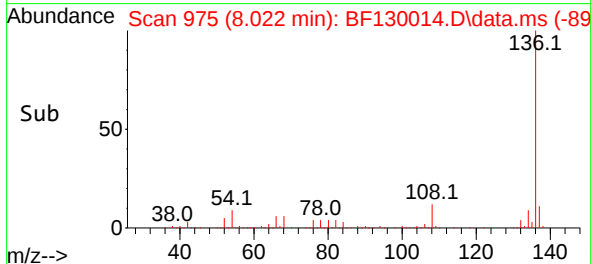
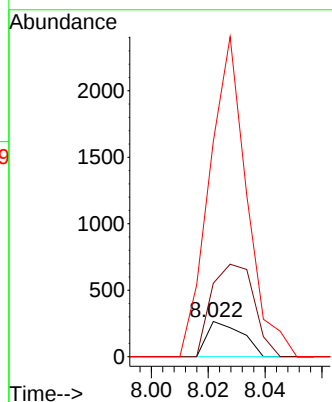
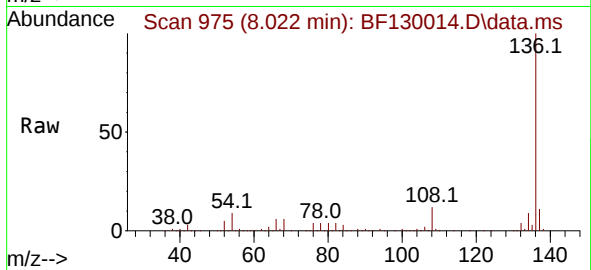




#32
Benzoic acid
Concen: 2.226 ng
RT: 8.022 min Scan# 91
Delta R.T. 0.159 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

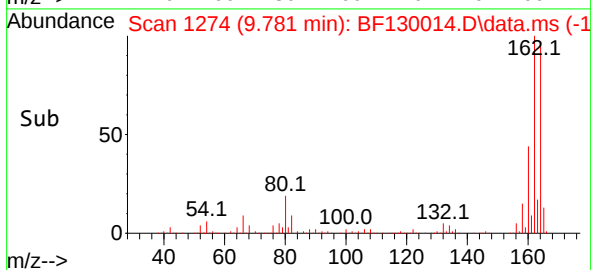
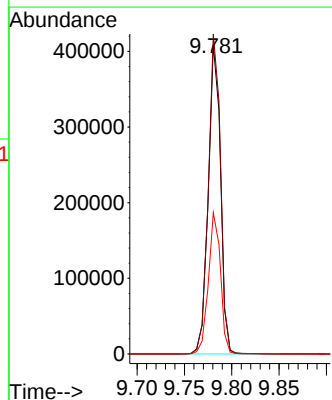
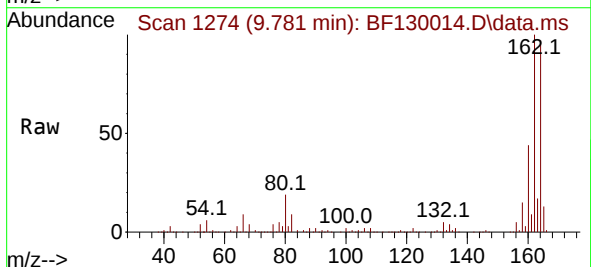
Instrument :
BNA_F
ClientSampleId :
PB147279BL

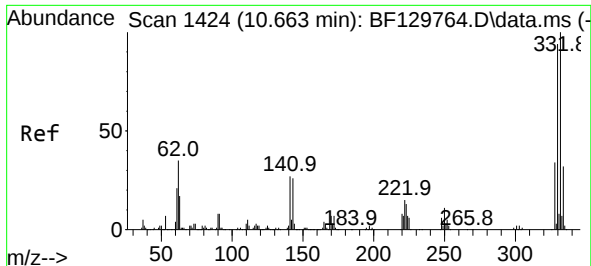
Tgt Ion:122 Resp: 227
Ion Ratio Lower Upper
122 100
105 208.3 99.9 139.9#
77 610.9 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion:164 Resp: 364853
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 84.545 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130014.D

Acq: 26 Aug 2022 11:32

Instrument :

BNA_F

ClientSampleId :

PB147279BL

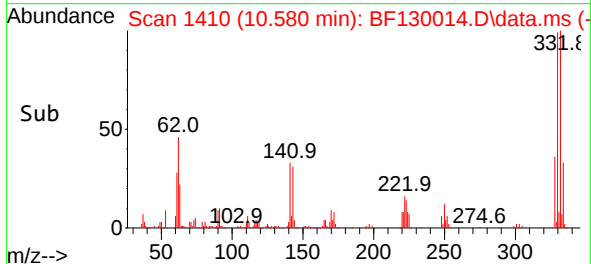
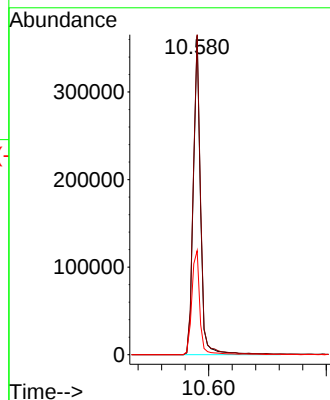
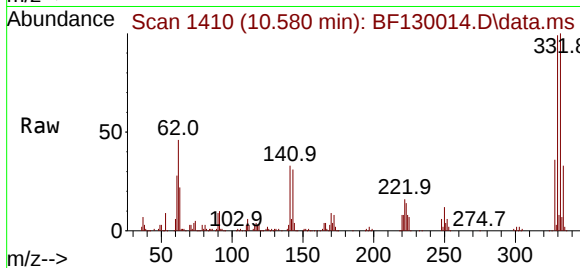
Tgt Ion:330 Resp: 309592

Ion Ratio Lower Upper

330 100

332 101.4 82.6 124.0

141 36.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 88.329 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF130014.D

Acq: 26 Aug 2022 11:32

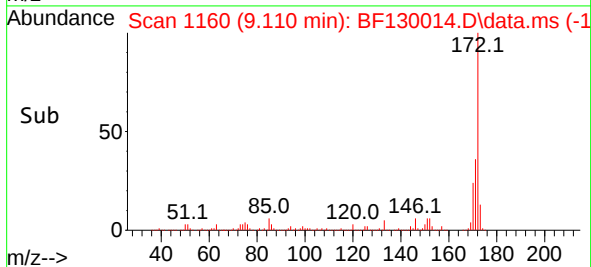
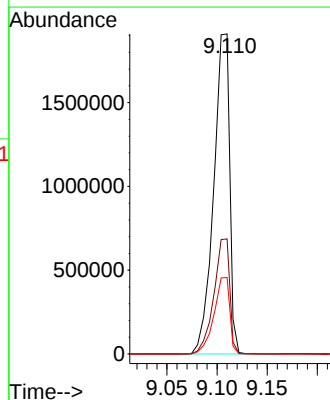
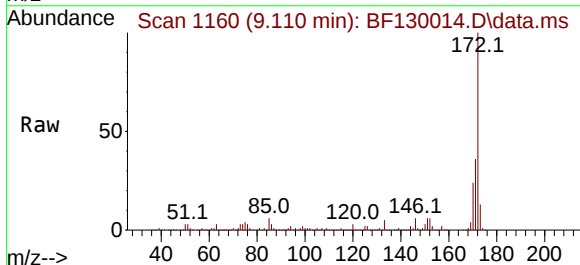
Tgt Ion:172 Resp: 2121882

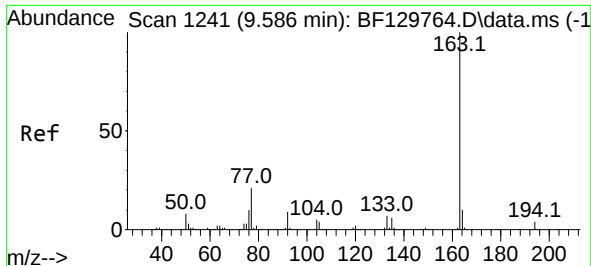
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.9 19.1 28.7

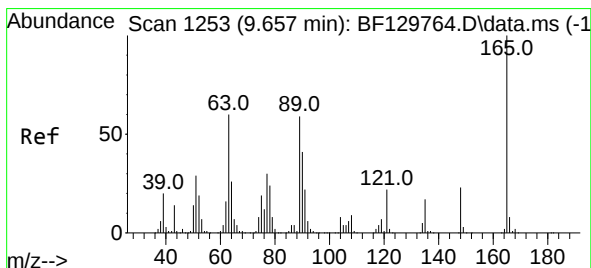
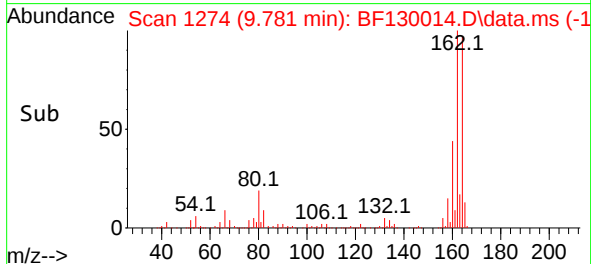
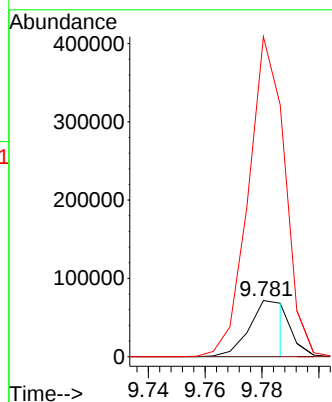
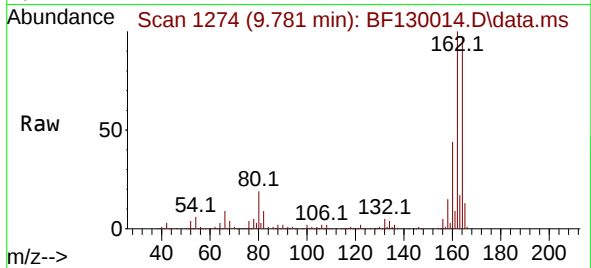




#50
Dimethylphthalate
Concen: 2.403 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.259 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

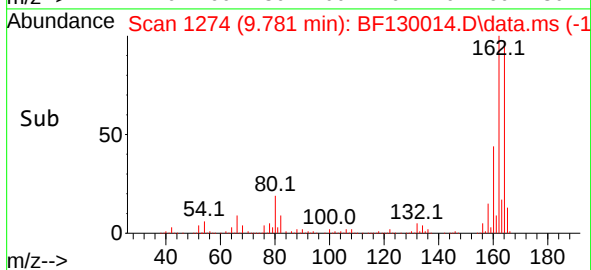
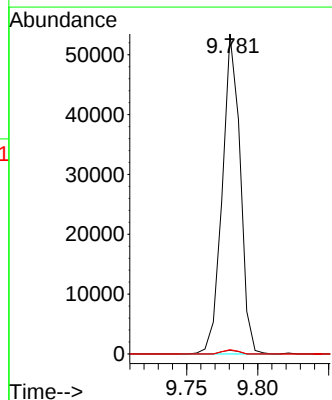
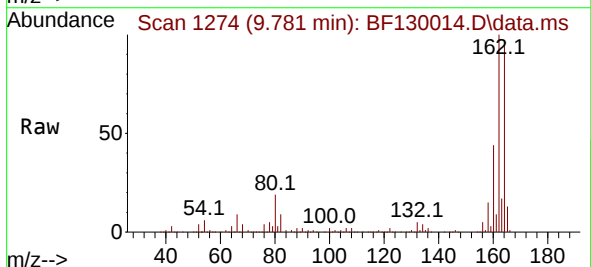
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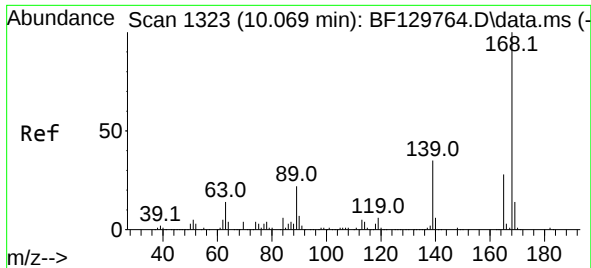
Tgt Ion:163 Resp: 62851
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 568.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.226 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion:165 Resp: 46674
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.3 47.2 70.8#

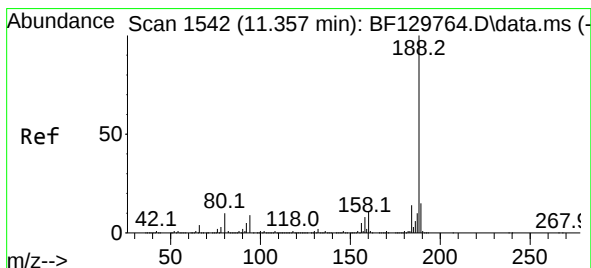
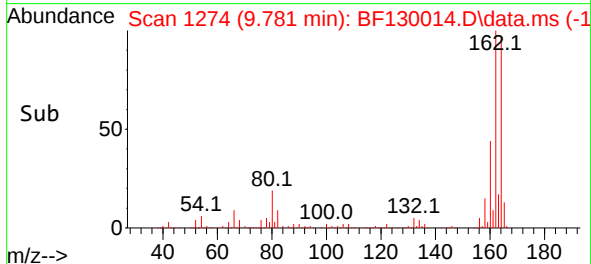
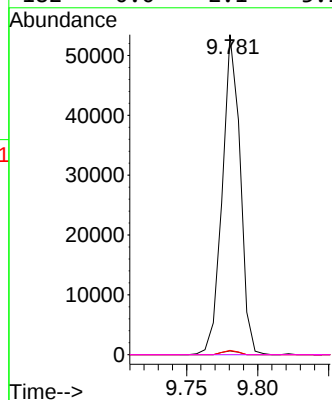
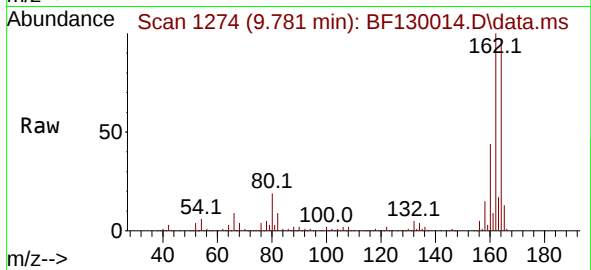




#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

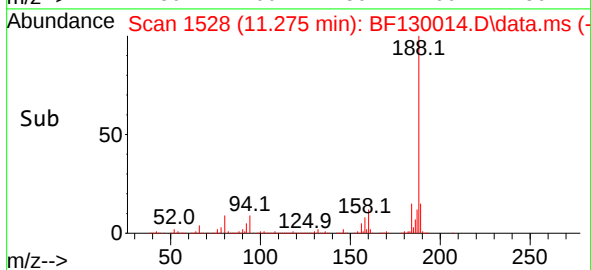
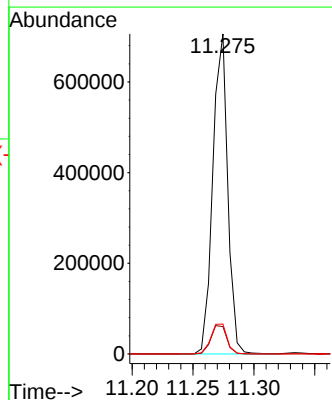
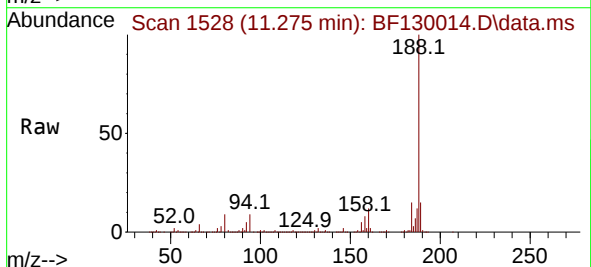
Instrument :
BNA_F
ClientSampleId :
PB147279BL

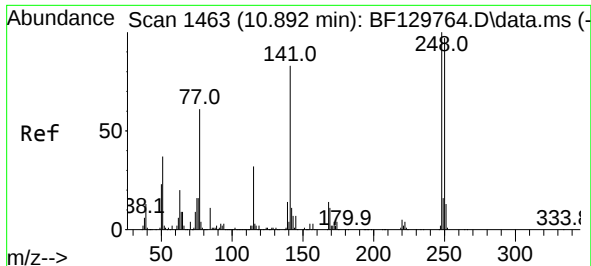
Tgt Ion:165 Resp: 46674
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion:188 Resp: 601757
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 7.9 11.9

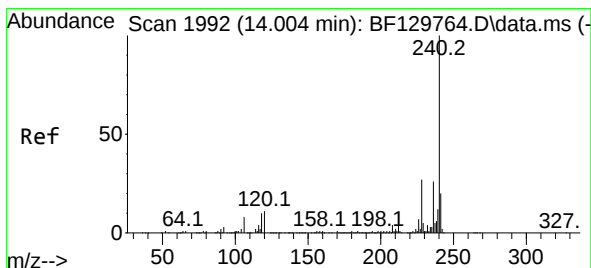
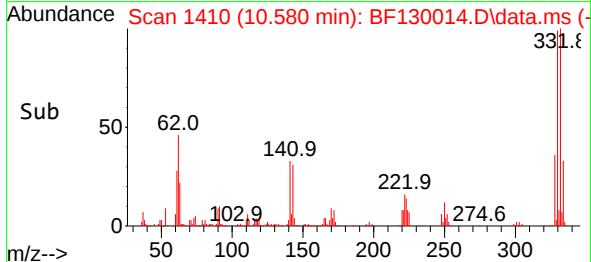
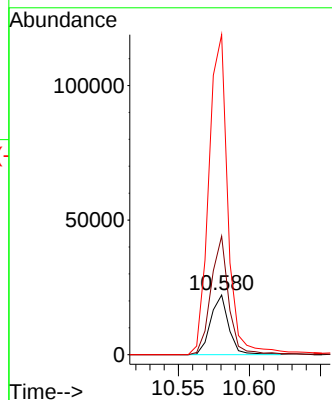
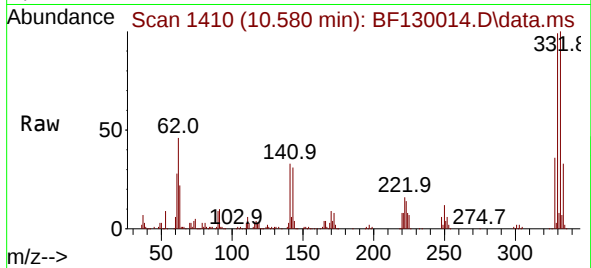




#67
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 10.580 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

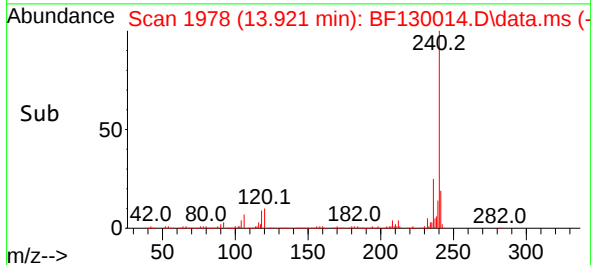
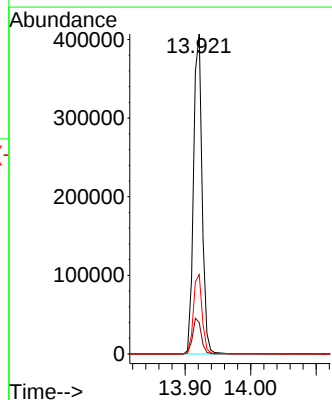
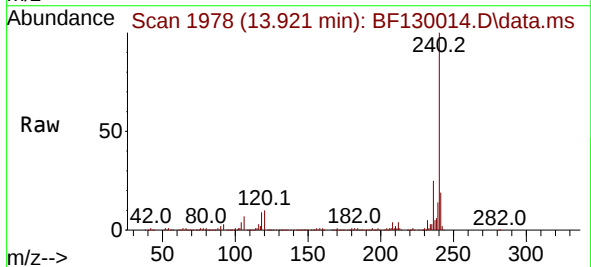
Instrument :
BNA_F
ClientSampleId :
PB147279BL

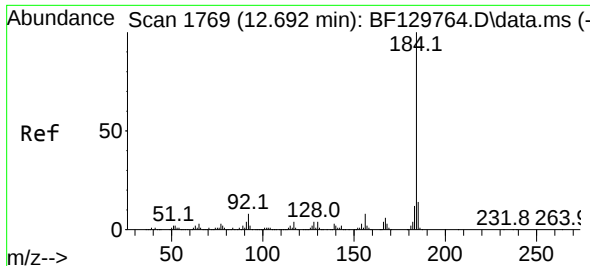
Tgt Ion:248 Resp: 19694
Ion Ratio Lower Upper
248 100
250 198.4 77.8 116.6#
141 535.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

Tgt Ion:240 Resp: 370711
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 24.8 20.7 31.1

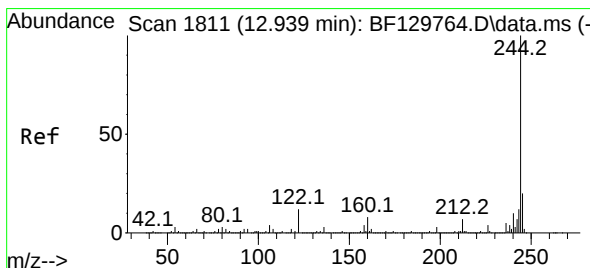
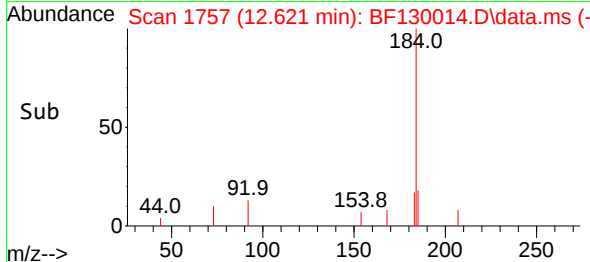
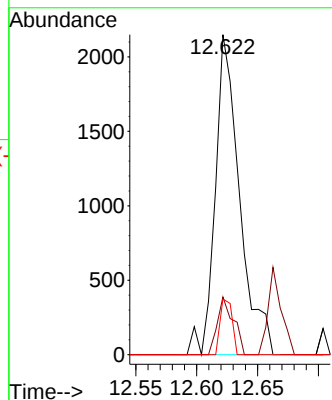
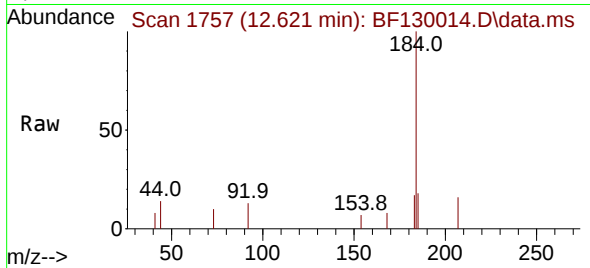




#77
Benzidine
Concen: Below Cal
RT: 12.621 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

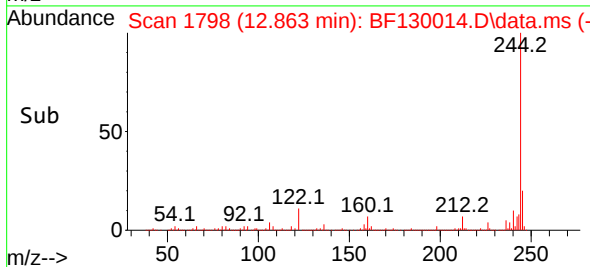
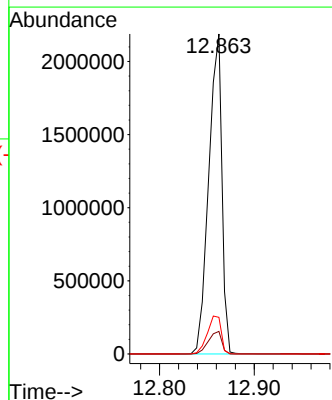
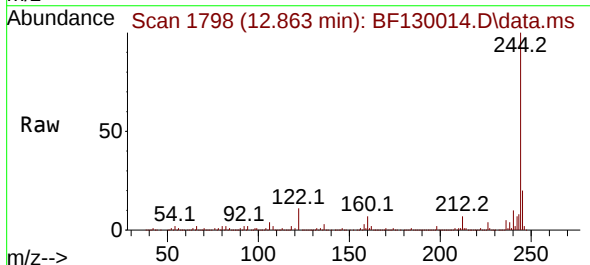
Instrument :
BNA_F
ClientSampleId :
PB147279BL

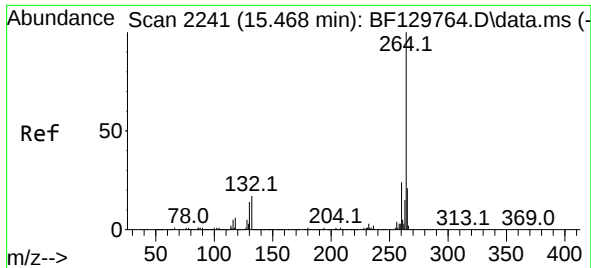
Tgt Ion:184 Resp: 2994
Ion Ratio Lower Upper
184 100
185 18.1 11.4 17.2#
183 17.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.761 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF130014.D
Acq: 26 Aug 2022 11:32

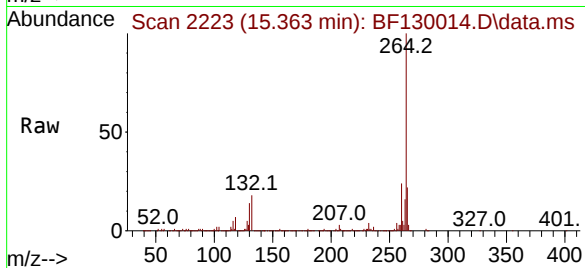
Tgt Ion:244 Resp: 2111186
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130014.D
 Acq: 26 Aug 2022 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB147279BL



Tgt Ion:264 Resp: 278159
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.0 16.7 25.1

