

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130021.D
 Acq On : 26 Aug 2022 16:13
 Operator : CG\JU
 Sample : N4379-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12-14

Quant Time: Aug 27 06:09:09 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)

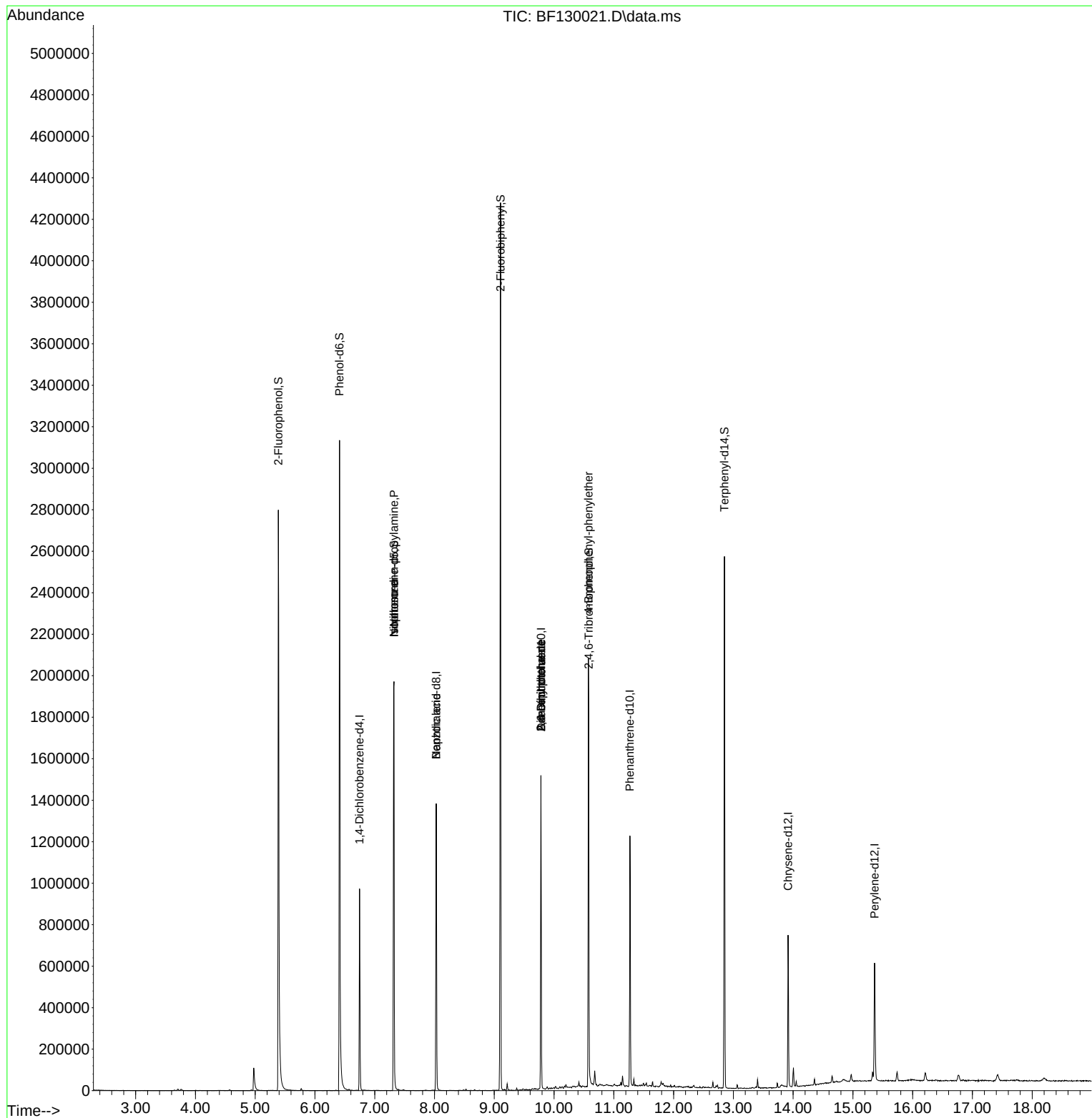
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	133557	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	541763	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	274057	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	409192	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	233238	20.000	ng	-0.01
86) Perylene-d12	15.363	264	242286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	838658	103.968	ng	0.00
7) Phenol-d6	6.410	99	1040880	103.042	ng	-0.01
23) Nitrobenzene-d5	7.322	82	677938	66.987	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	236350	85.928	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1163132	64.460	ng	-0.01
79) Terphenyl-d14	12.851	244	790179	56.372	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	1736	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.322	70	91360	14.308	ng	# 75
25) Isophorone	7.322	82	677932	38.920	ng	# 65
32) Benzoic acid	8.028	122	65	2.175	ng	# 1
50) Dimethylphthalate	9.781	163	48182	2.452	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	35320	8.288	ng	# 23
57) 2,4-Dinitrotoluene	9.781	165	35320	6.384	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	15077	3.146	ng	# 1
77) Benzidine	12.851	184	11831	Below Cal	#	93

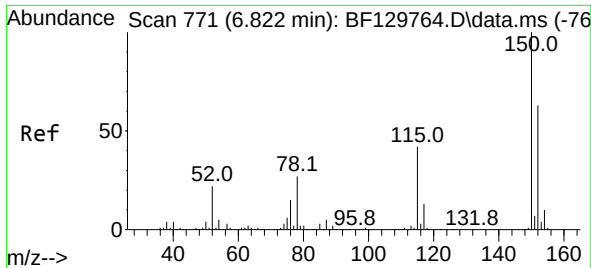
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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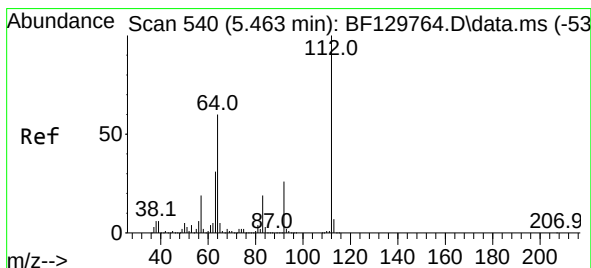
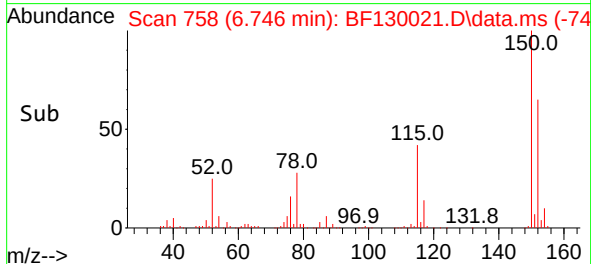
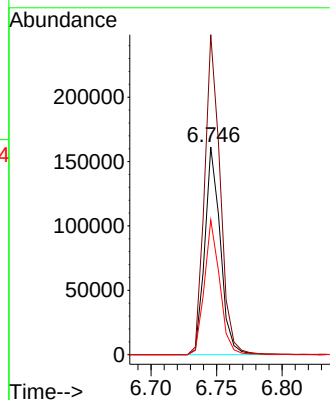
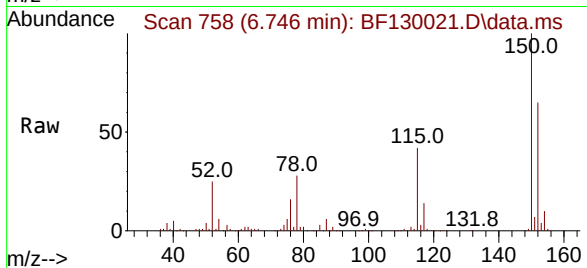




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.746 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

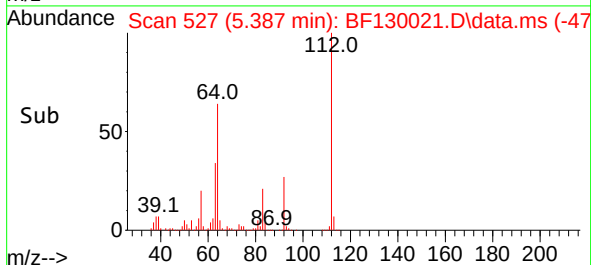
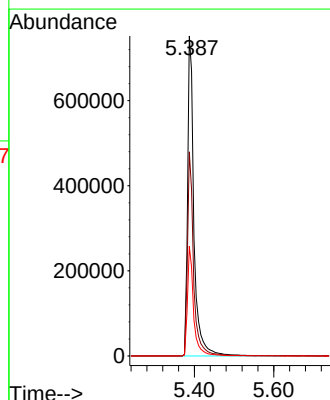
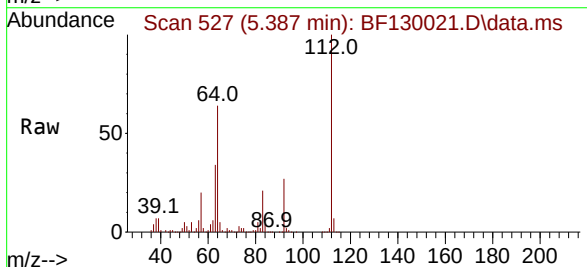
Instrument :
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SB-01-12-14

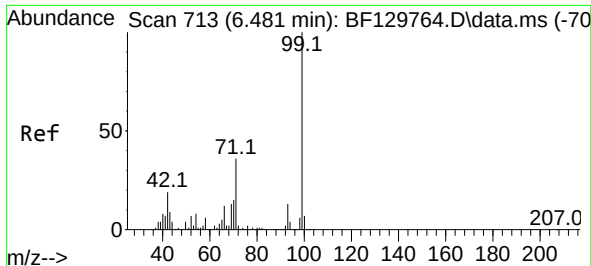
Tgt Ion:152 Resp: 133557
Ion Ratio Lower Upper
152 100
150 154.1 126.9 190.3
115 64.8 53.4 80.0



#5
2-Fluorophenol
Concen: 103.968 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion:112 Resp: 838658
Ion Ratio Lower Upper
112 100
64 63.8 47.6 71.4
63 34.3 24.6 37.0

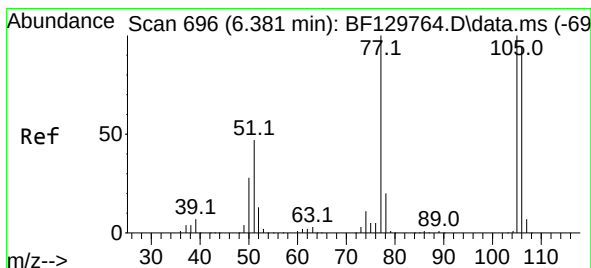
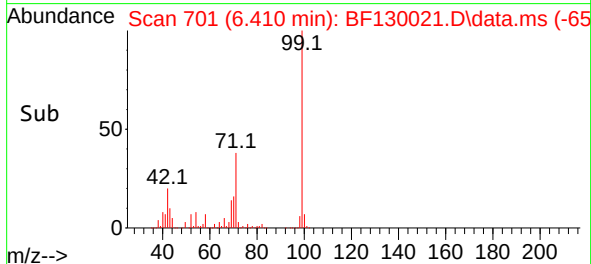
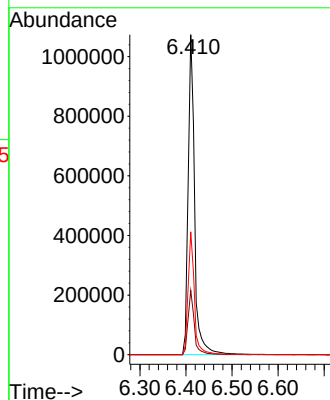
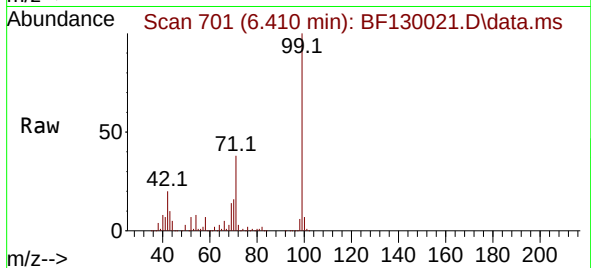




#7
Phenol-d6
Concen: 103.042 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

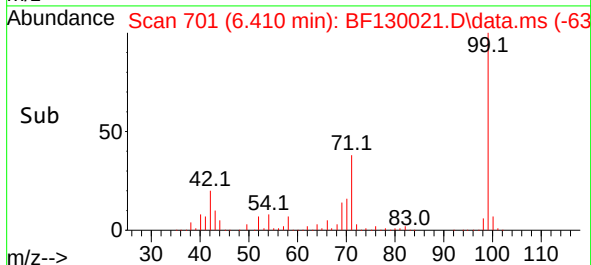
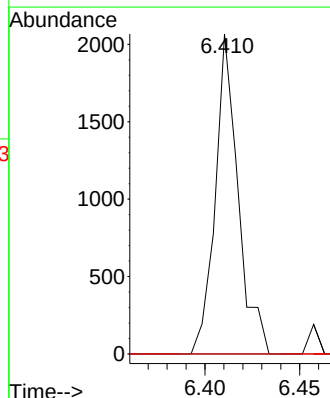
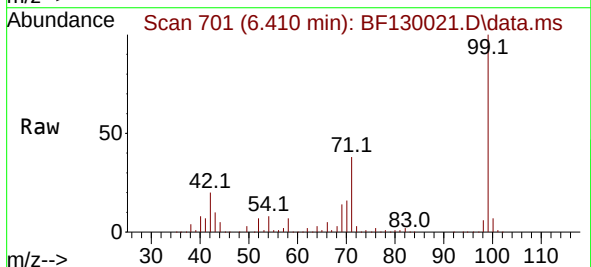
Instrument :
BNA_F
ClientSampleId :
SB-01-12-14

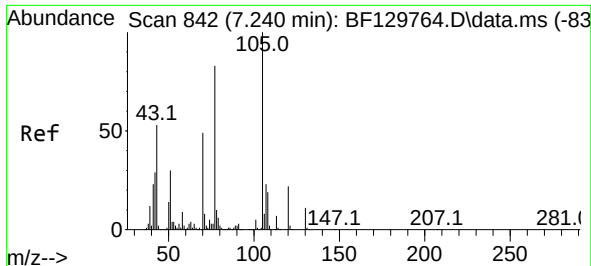
Tgt Ion: 99 Resp: 1040880
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion: 77 Resp: 1736
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

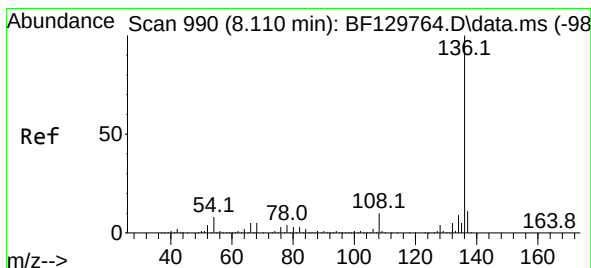
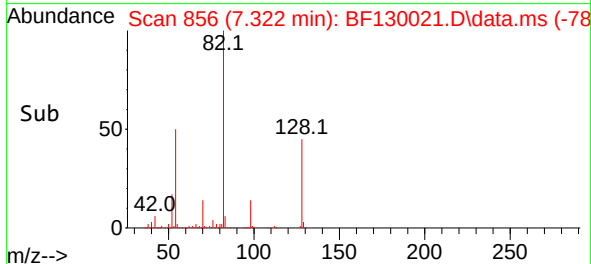
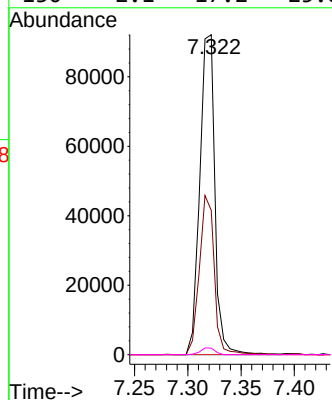
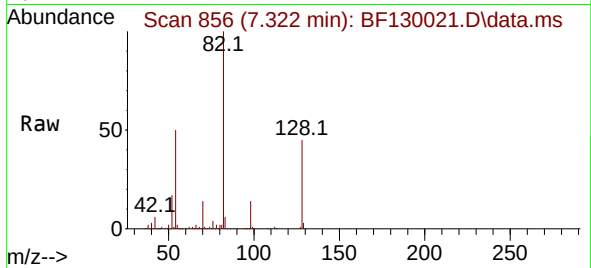




#19
n-Nitroso-di-n-propylamine
Concen: 14.308 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

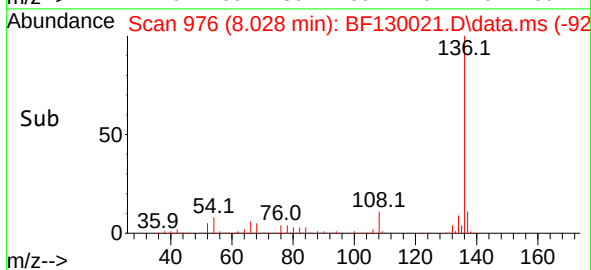
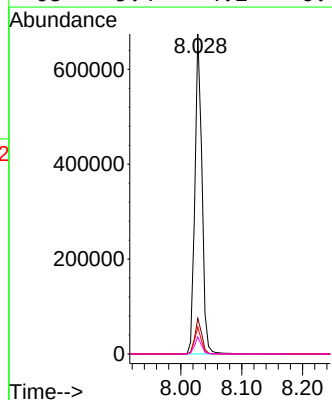
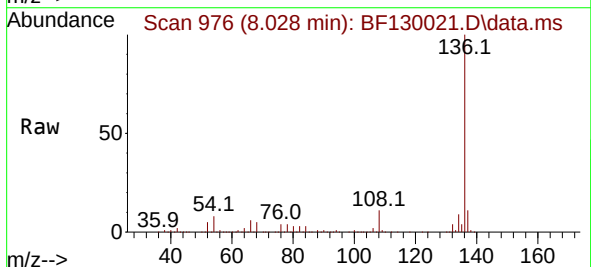
Instrument :
BNA_F
ClientSampleId :
SB-01-12-14

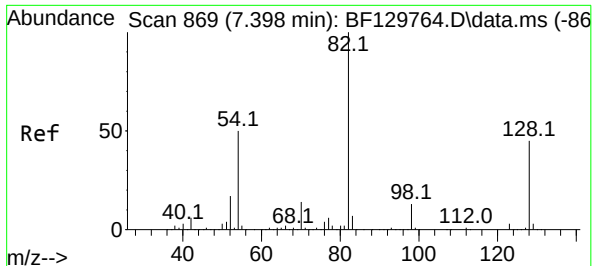
Tgt Ion: 70 Resp: 91360
Ion Ratio Lower Upper
70 100
42 45.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion: 136 Resp: 541763
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 66.987 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.012 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SB-01-12-14

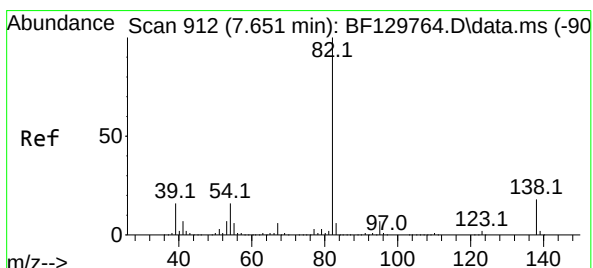
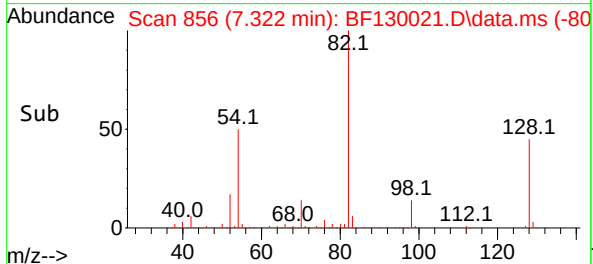
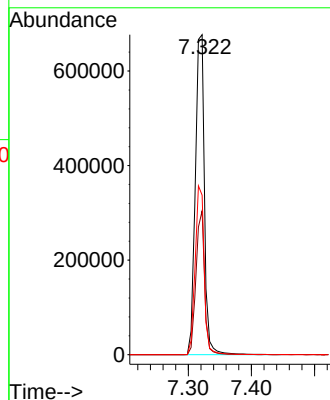
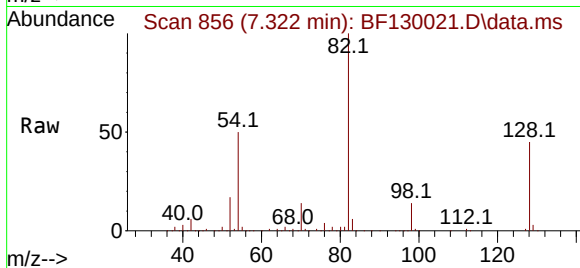
Tgt Ion: 82 Resp: 677938

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 49.8 40.0 60.0



#25

Isophorone

Concen: 38.920 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.265 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

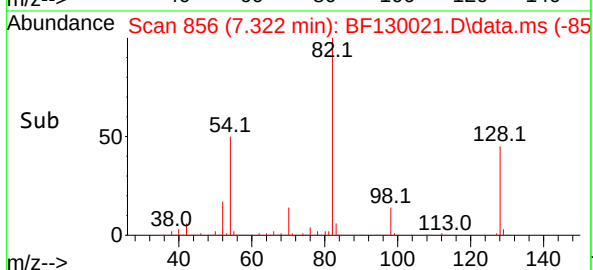
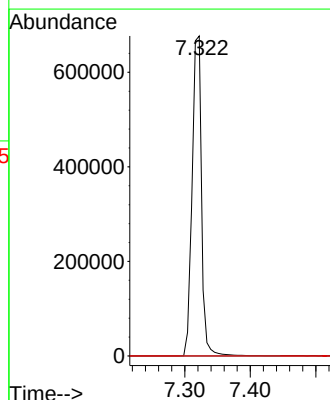
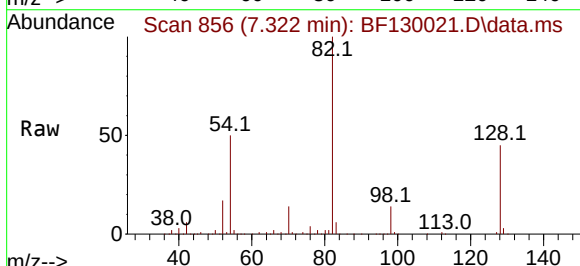
Tgt Ion: 82 Resp: 677932

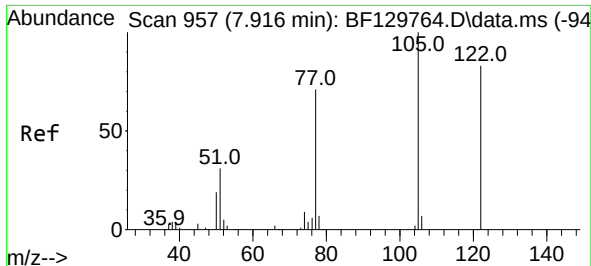
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

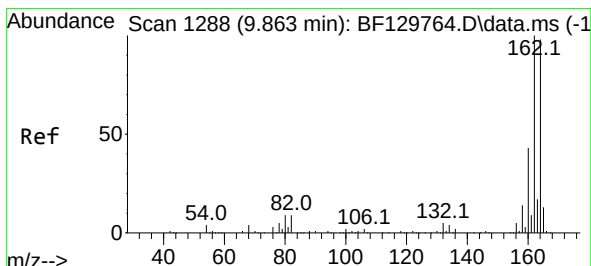
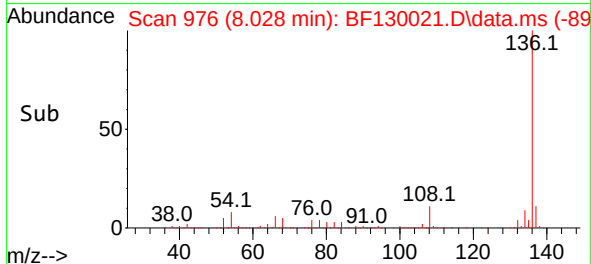
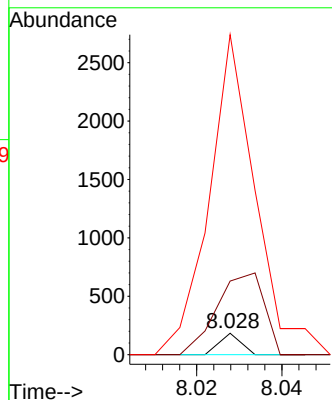
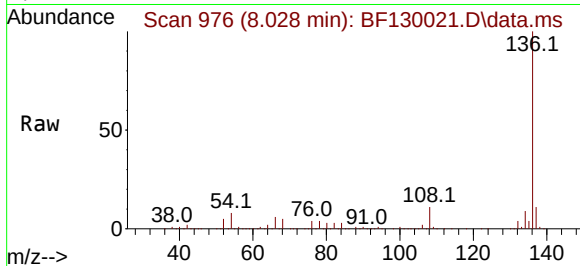




#32
Benzoic acid
Concen: 2.175 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

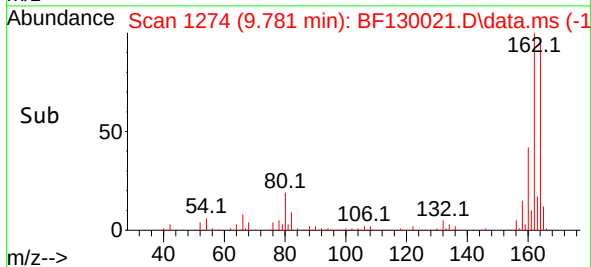
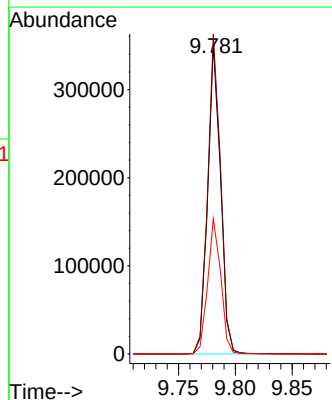
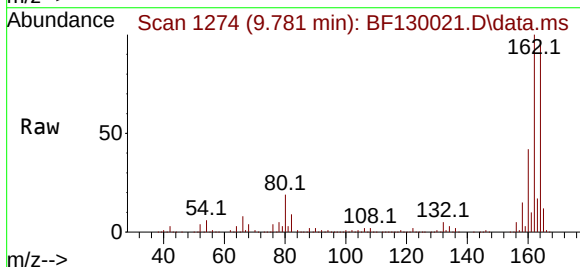
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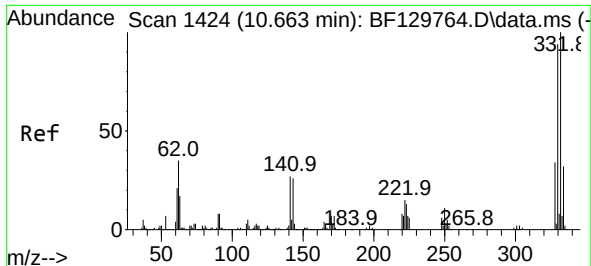
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 342.9 99.9 139.9#
77 1489.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion:164 Resp: 274057
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.928 ng

RT: 10.581 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SB-01-12-14

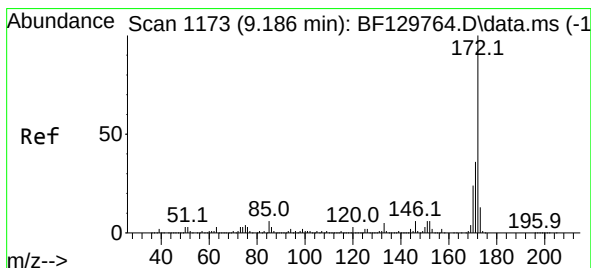
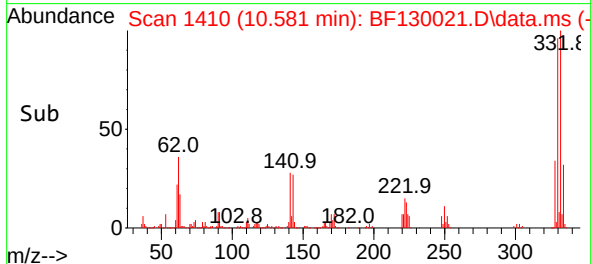
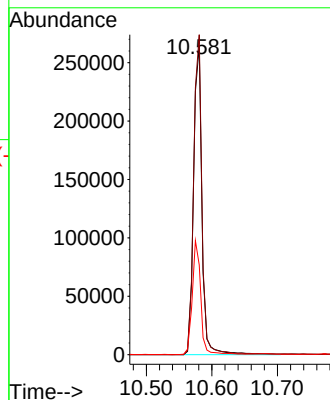
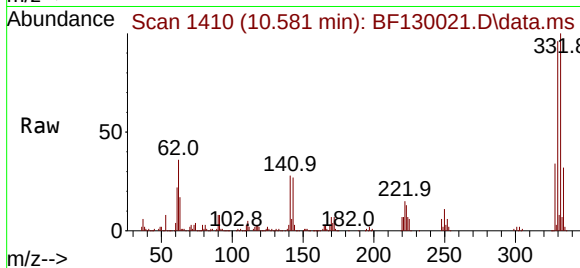
Tgt Ion:330 Resp: 236350

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 37.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 64.460 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

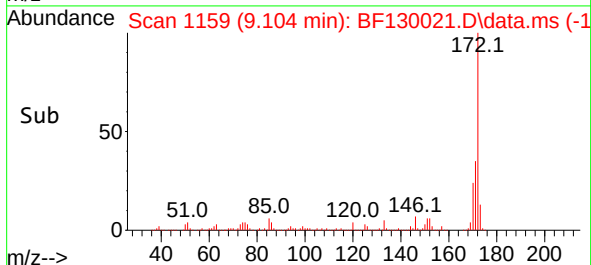
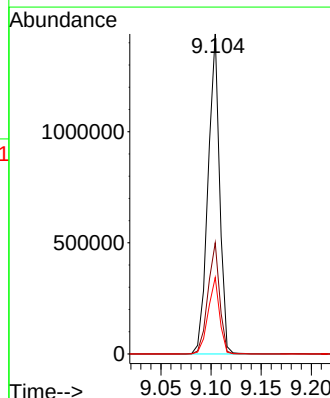
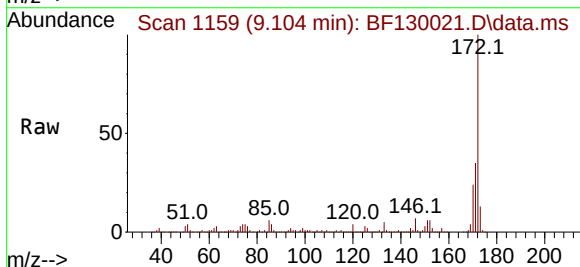
Tgt Ion:172 Resp: 1163132

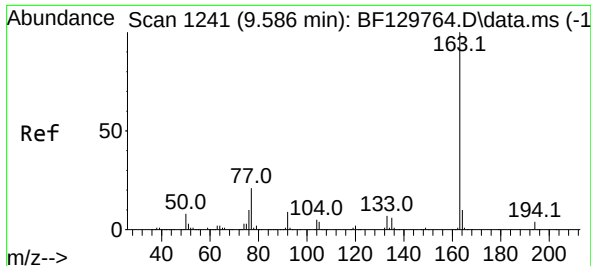
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.9 19.1 28.7

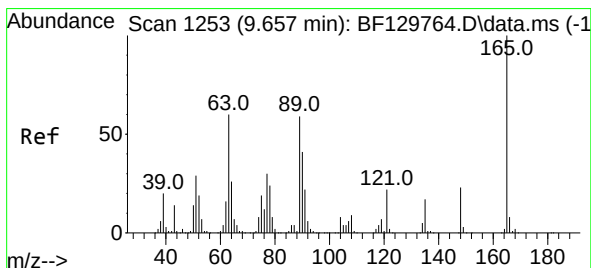
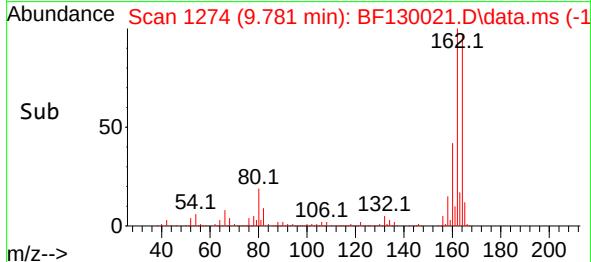
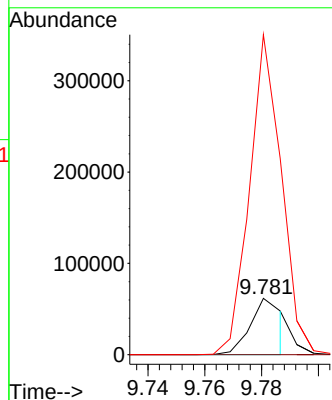
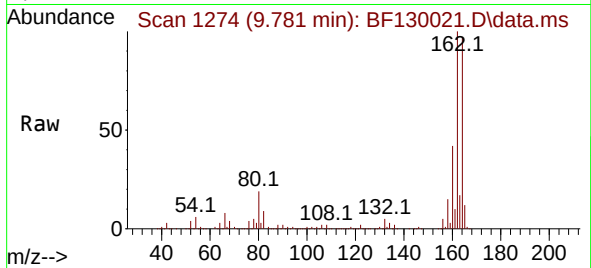




#50
Dimethylphthalate
Concen: 2.452 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

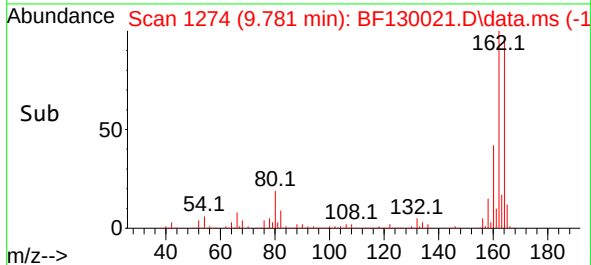
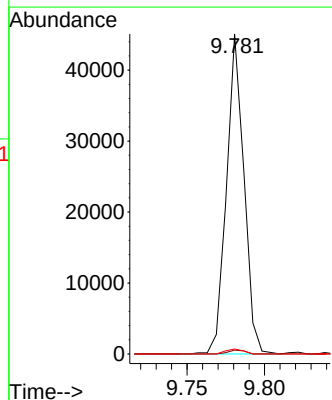
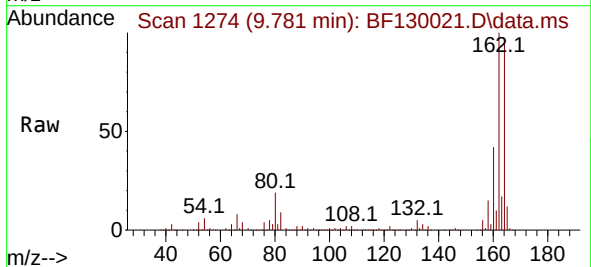
Instrument :
BNA_F
ClientSampleId :
SB-01-12-14

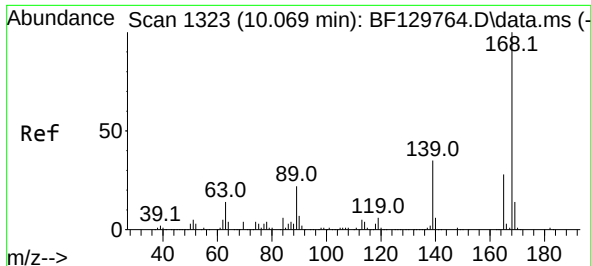
Tgt Ion:163 Resp: 48182
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 568.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

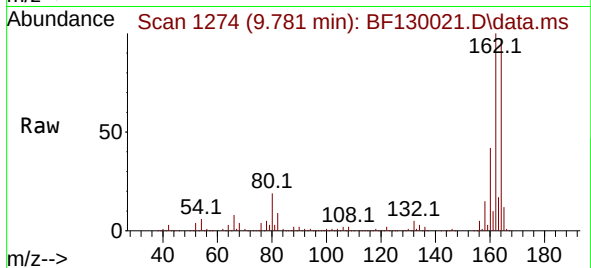
Tgt Ion:165 Resp: 35320
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#



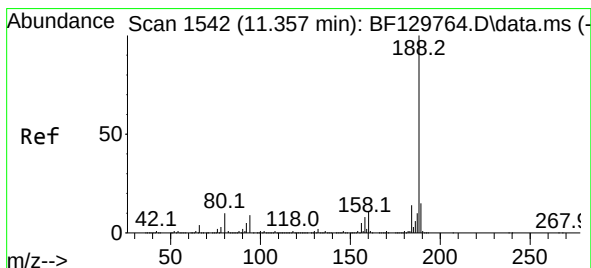
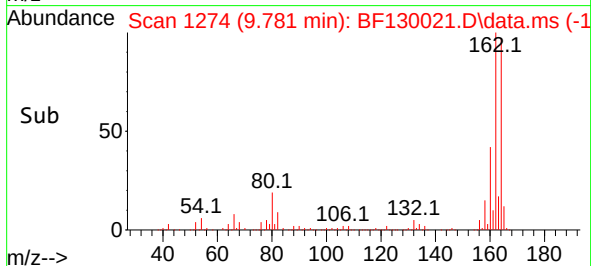
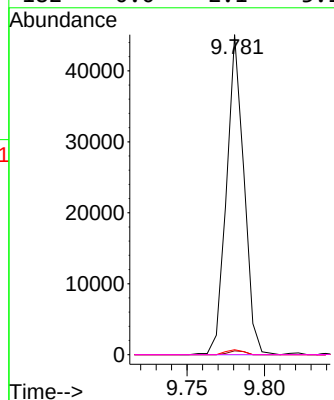


#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SB-01-12-14

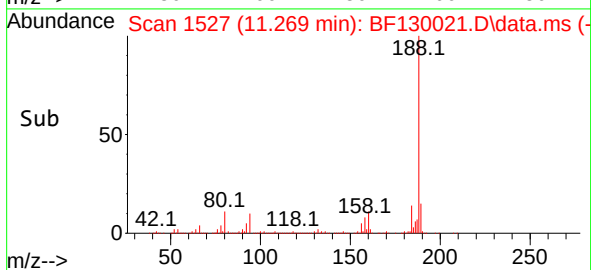
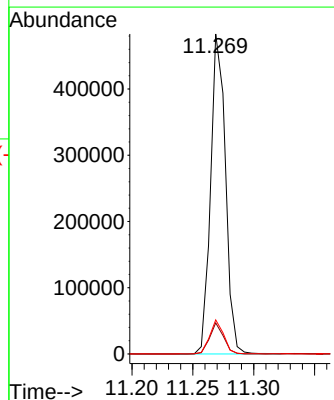
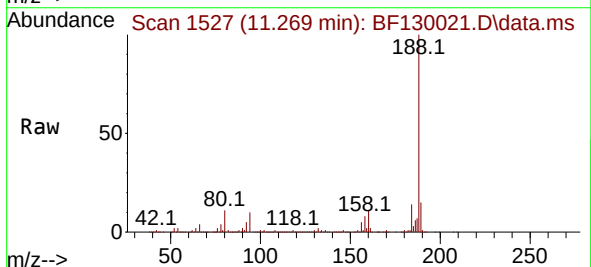


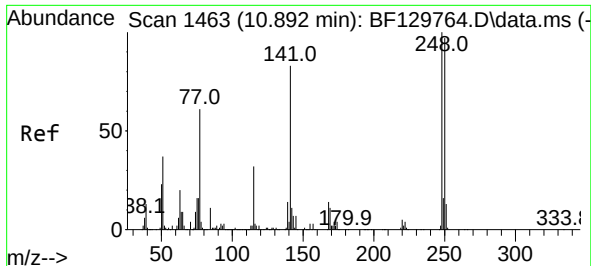
Tgt Ion:165 Resp: 35320
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion:188 Resp: 409192
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 7.9 11.9

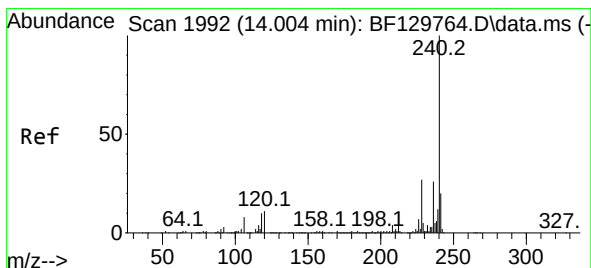
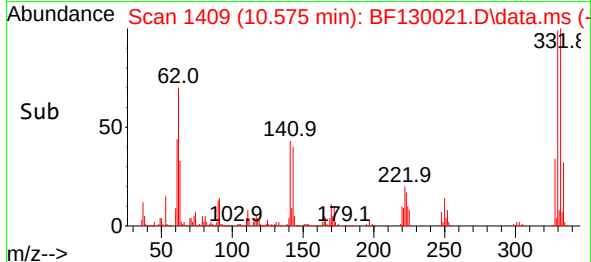
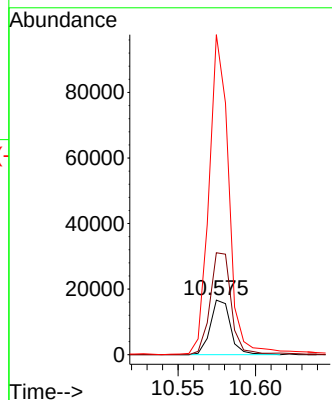
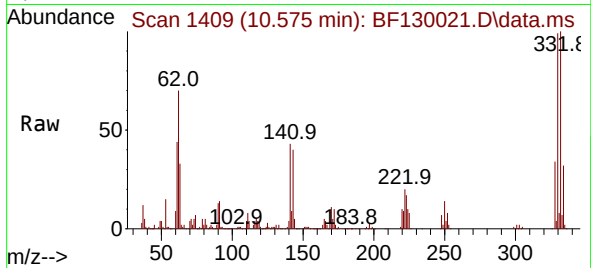




#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.575 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

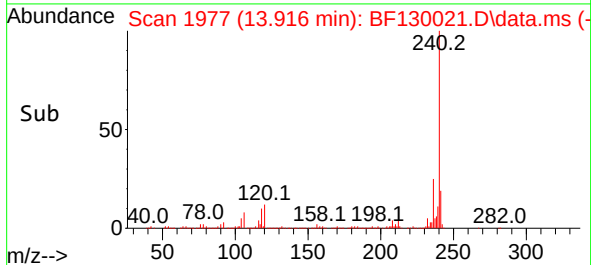
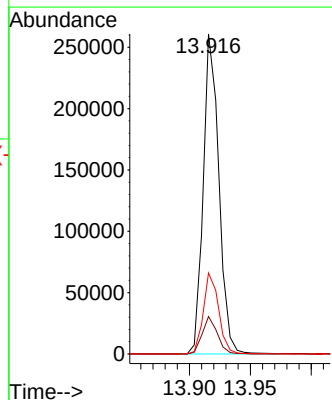
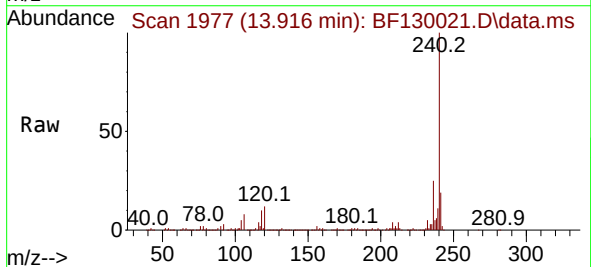
Instrument :
BNA_F
ClientSampleId :
SB-01-12-14

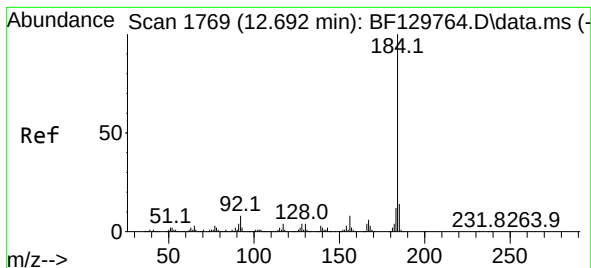
Tgt Ion:248 Resp: 15077
Ion Ratio Lower Upper
248 100
250 186.7 77.8 116.6#
141 586.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130021.D
Acq: 26 Aug 2022 16:13

Tgt Ion:240 Resp: 233238
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.3 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.851 min Scan# 1796

Delta R.T. 0.230 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SB-01-12-14

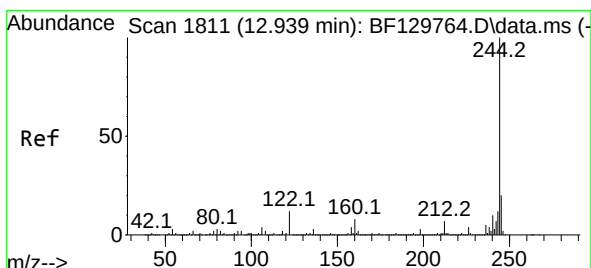
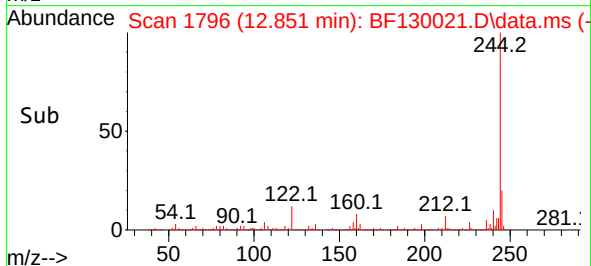
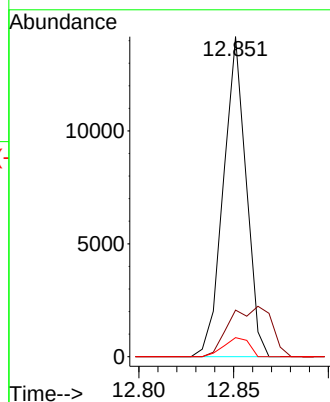
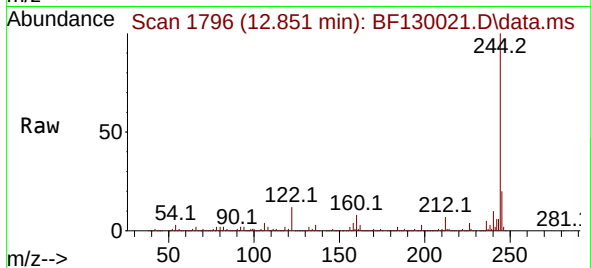
Tgt Ion:184 Resp: 11831

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 5.9 9.4 14.2#



#79

Terphenyl-d14

Concen: 56.372 ng

RT: 12.851 min Scan# 1796

Delta R.T. -0.012 min

Lab File: BF130021.D

Acq: 26 Aug 2022 16:13

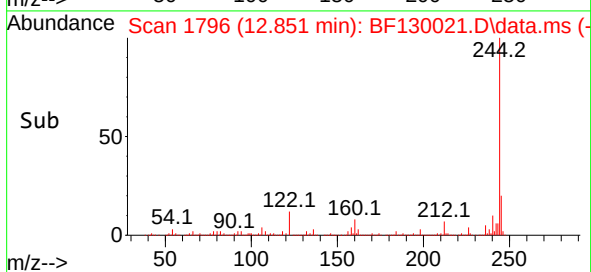
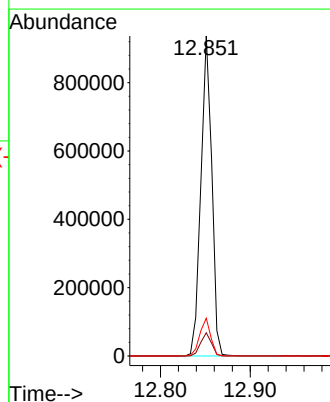
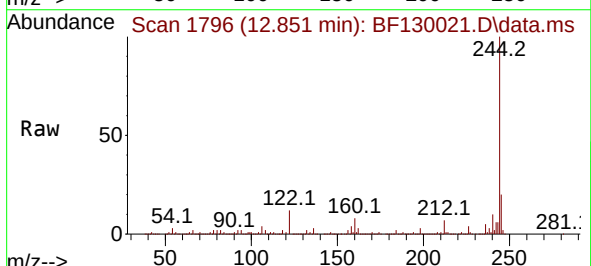
Tgt Ion:244 Resp: 790179

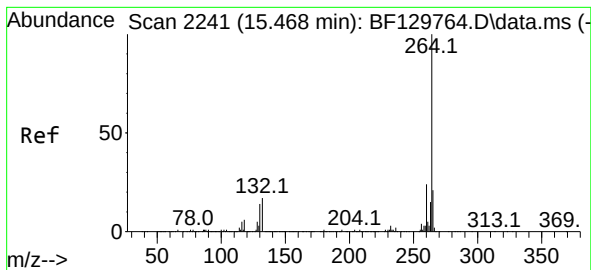
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.8 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: BF130021.D
 Acq: 26 Aug 2022 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-12-14

Tgt Ion:264 Resp: 242286
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.6 16.7 25.1

