

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130020.D
 Acq On : 26 Aug 2022 15:38
 Operator : CG\JU
 Sample : N4379-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9-11

Quant Time: Aug 27 06:08:40 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)

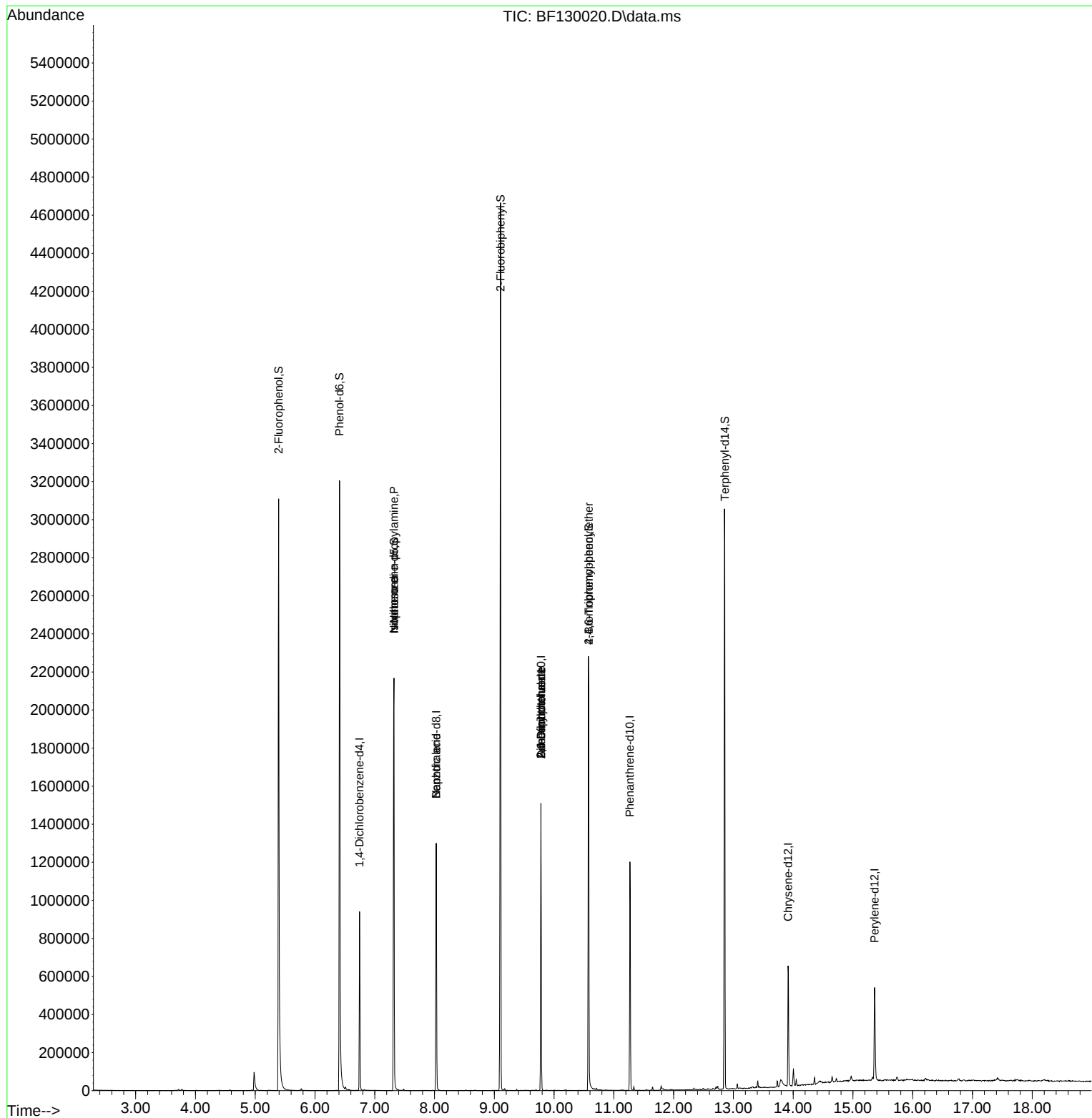
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	126033	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	522901	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	272117	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	421519	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	217772	20.000	ng	-0.01
86) Perylene-d12	15.362	264	215560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	896566	117.782	ng	0.00
7) Phenol-d6	6.410	99	1103688	115.782	ng	-0.01
23) Nitrobenzene-d5	7.322	82	723345	74.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	270719	99.124	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1305485	72.865	ng	-0.01
79) Terphenyl-d14	12.857	244	1050544	80.269	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	2015	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.322	70	98871	16.409	ng	# 76
25) Isophorone	7.322	82	723336	43.024	ng	# 65
32) Benzoic acid	8.028	122	121	2.200	ng	# 1
50) Dimethylphthalate	9.780	163	48755	2.499	ng	# 1
51) 2,6-Dinitrotoluene	9.780	165	34701	8.200	ng	# 23
57) 2,4-Dinitrotoluene	9.780	165	34701	6.317	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	16962	3.436	ng	# 1
77) Benzidine	12.851	184	15321	Below Cal	#	92

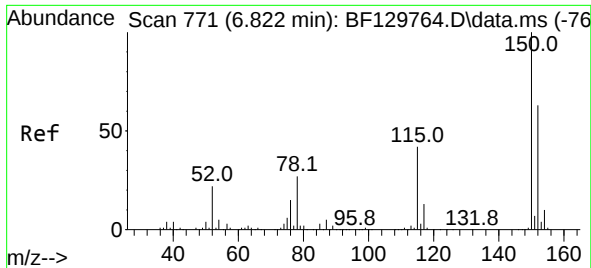
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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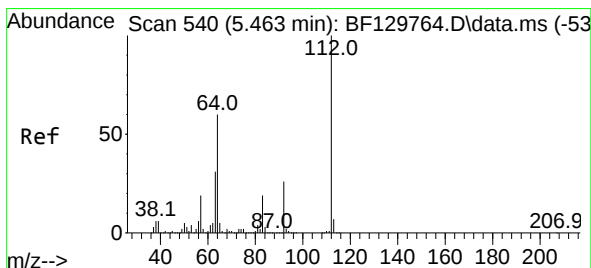
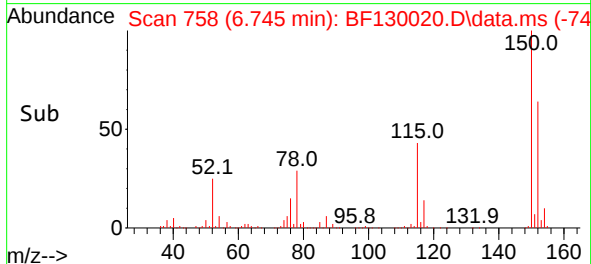
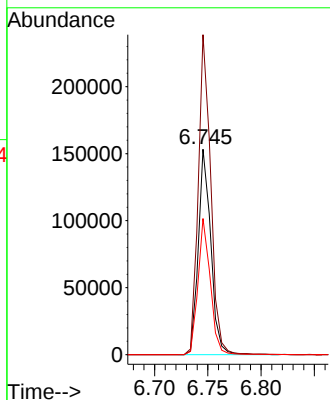
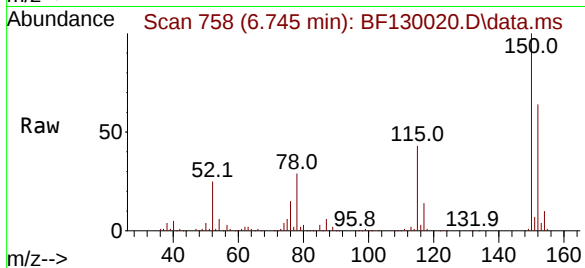




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

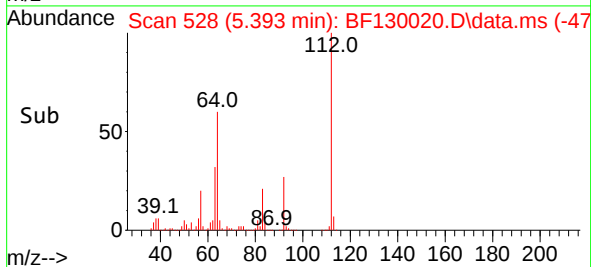
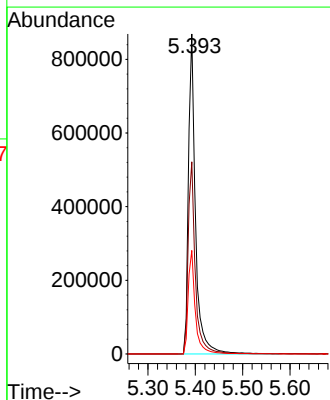
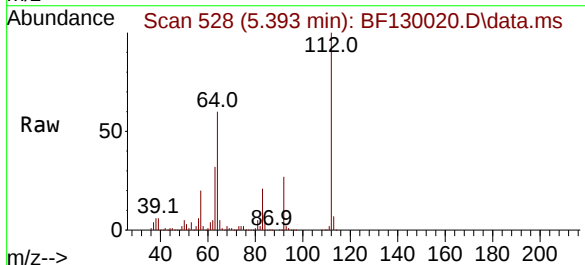
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

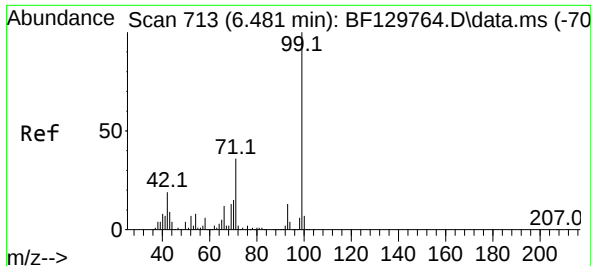
Tgt Ion:152 Resp: 126033
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 66.3 53.4 80.0



#5
2-Fluorophenol
Concen: 117.782 ng
RT: 5.393 min Scan# 528
Delta R.T. -0.000 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion:112 Resp: 896566
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 32.3 24.6 37.0

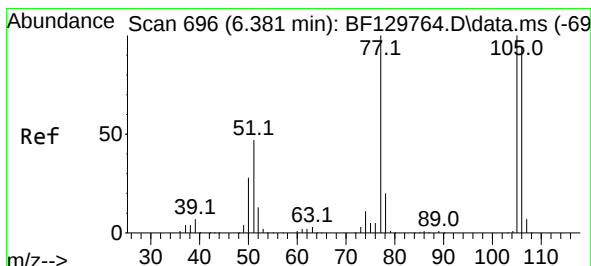
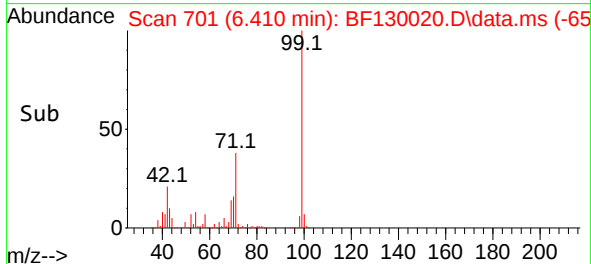
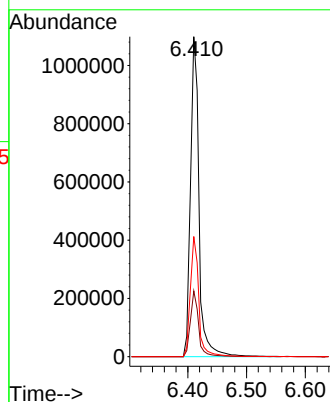
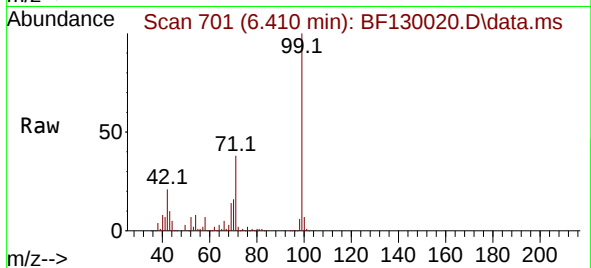




#7
Phenol-d6
Concen: 115.782 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

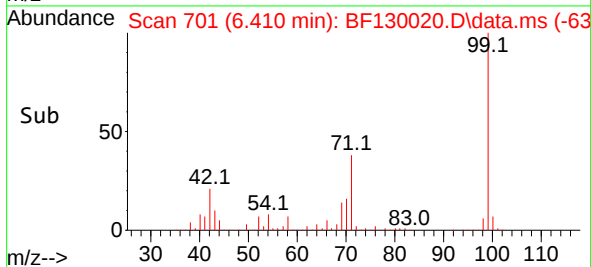
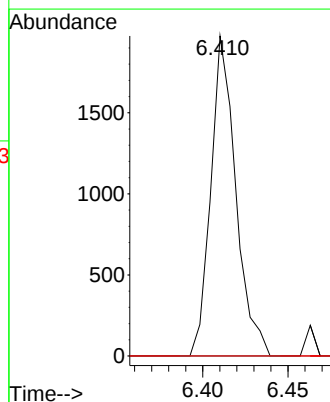
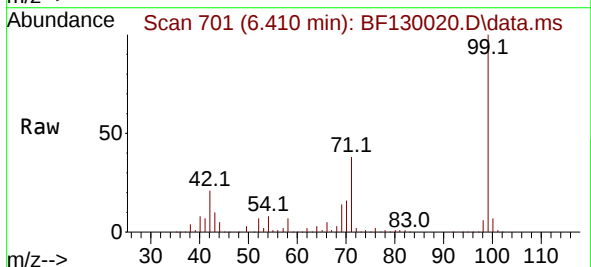
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

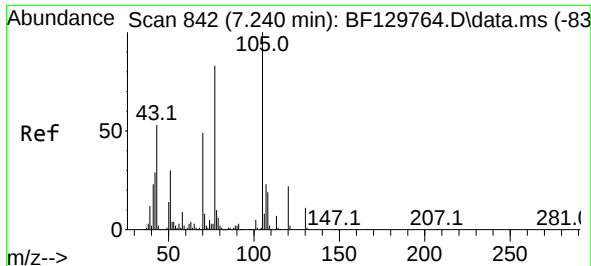
Tgt Ion: 99 Resp: 1103688
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.4
71 37.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion: 77 Resp: 2015
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

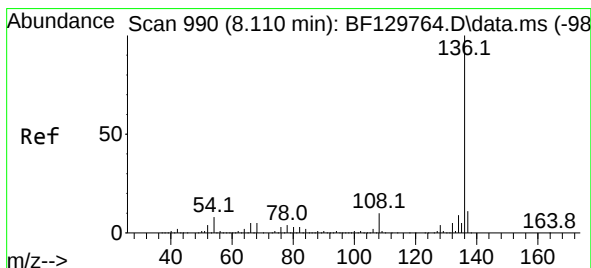
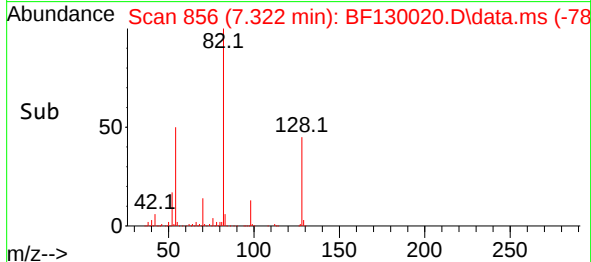
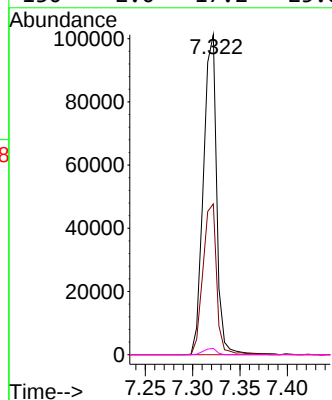
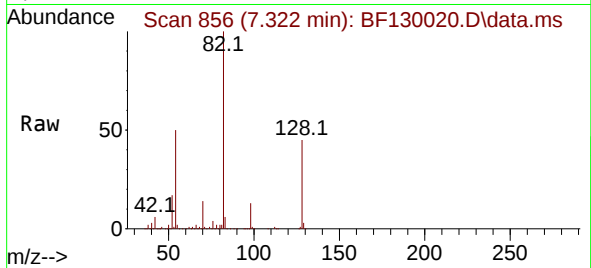




#19
n-Nitroso-di-n-propylamine
Concen: 16.409 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

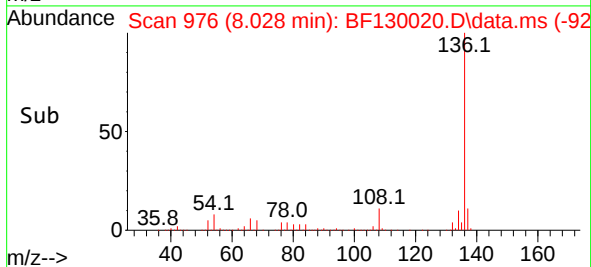
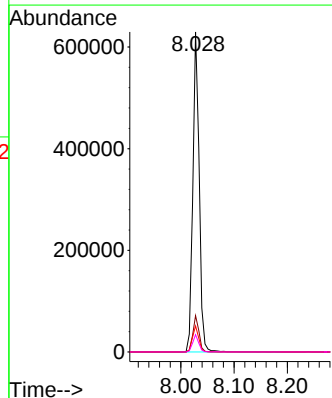
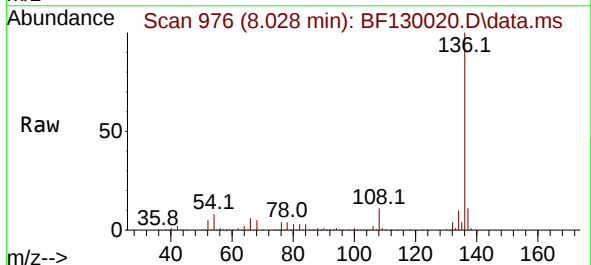
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

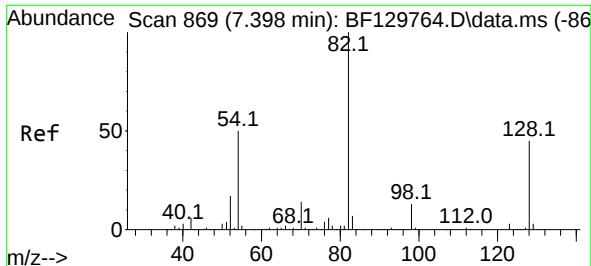
Tgt Ion: 70 Resp: 98871
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion: 136 Resp: 522901
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.2 6.2 9.2
68 5.4 4.2 6.4

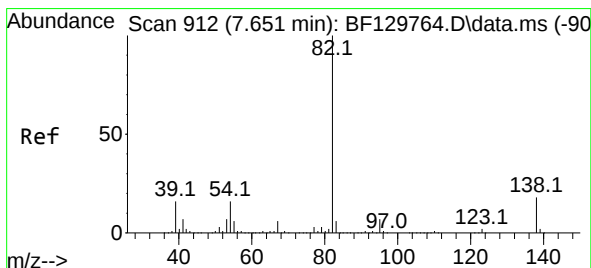
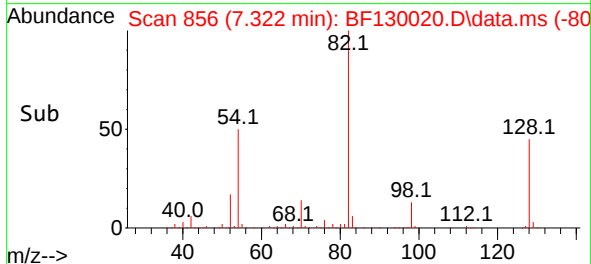
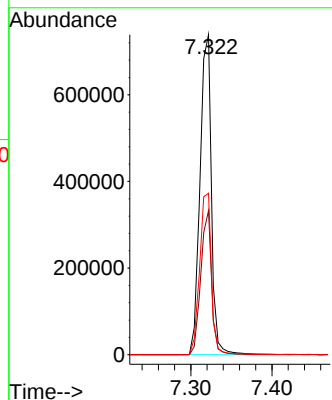
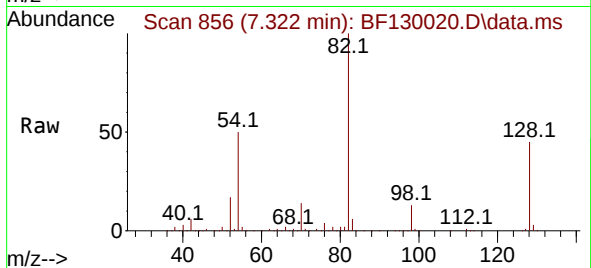




#23
Nitrobenzene-d5
Concen: 74.052 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

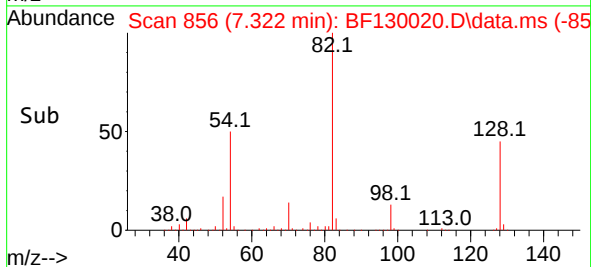
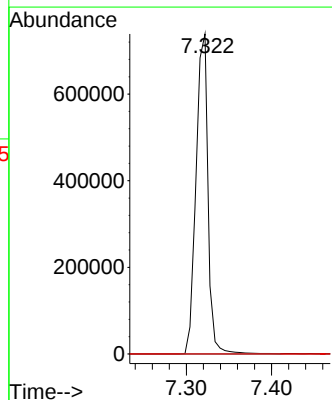
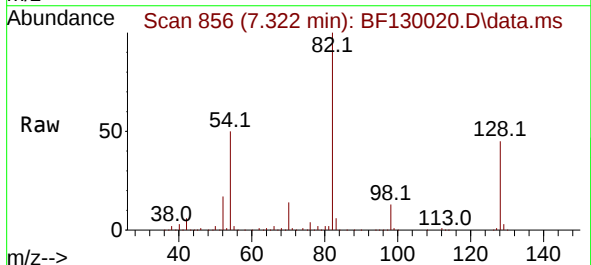
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

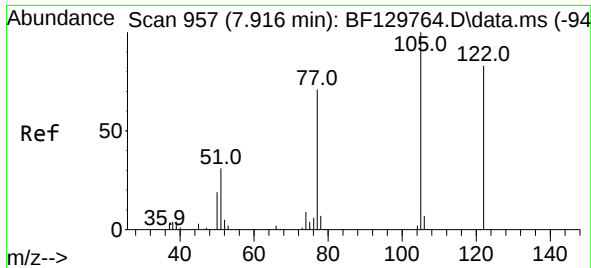
Tgt Ion: 82 Resp: 723345
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.5 40.0 60.0



#25
Isophorone
Concen: 43.024 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.265 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion: 82 Resp: 723336
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

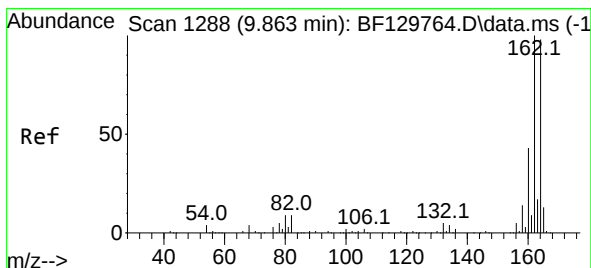
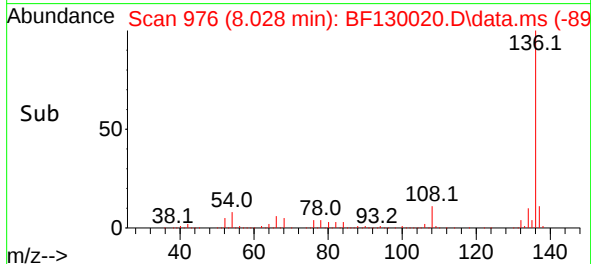
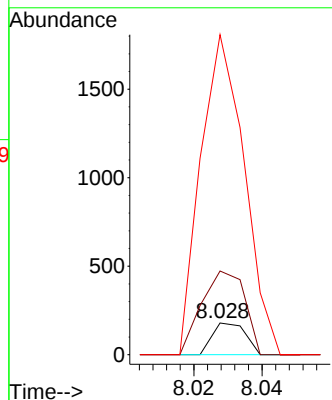
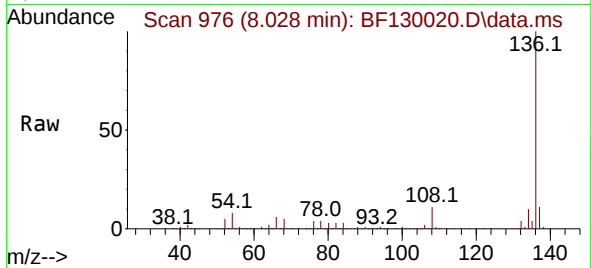




#32
Benzoic acid
Concen: 2.200 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

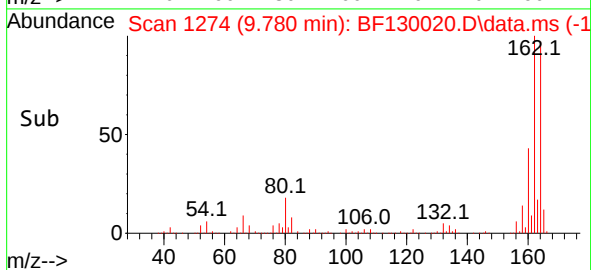
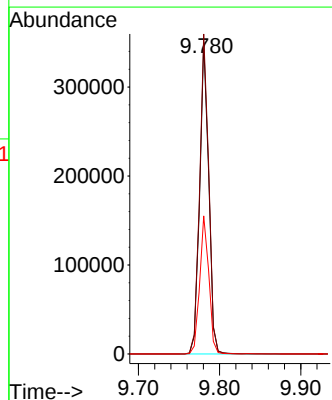
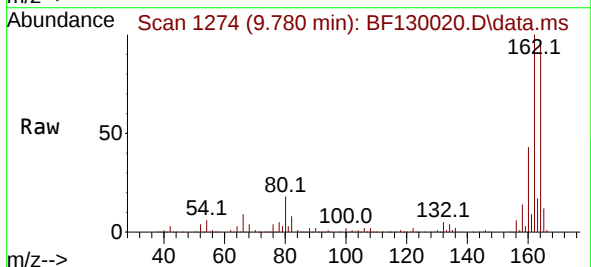
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

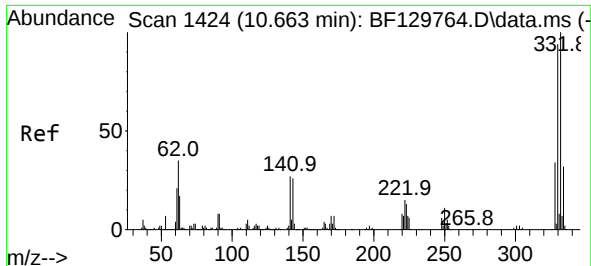
Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 264.2 99.9 139.9#
77 1010.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion:164 Resp: 272117
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 99.124 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130020.D

Acq: 26 Aug 2022 15:38

Instrument :

BNA_F

ClientSampleId :

SB-08-9-11

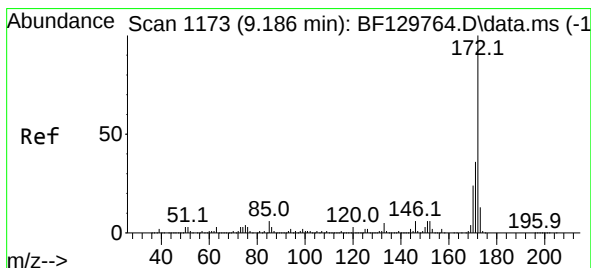
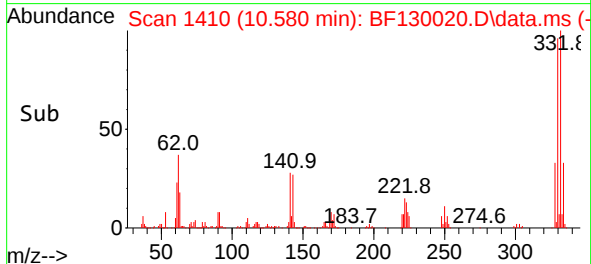
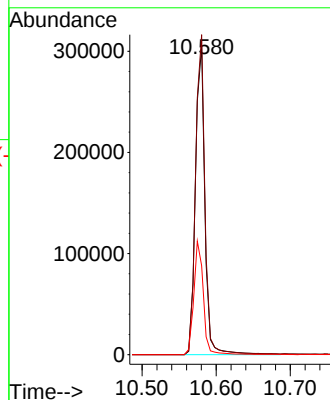
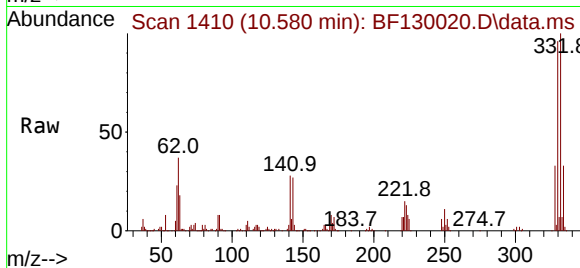
Tgt Ion:330 Resp: 270719

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 37.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 72.865 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130020.D

Acq: 26 Aug 2022 15:38

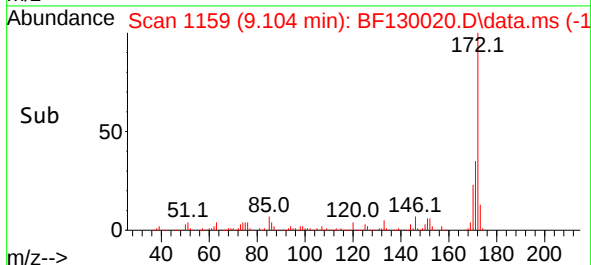
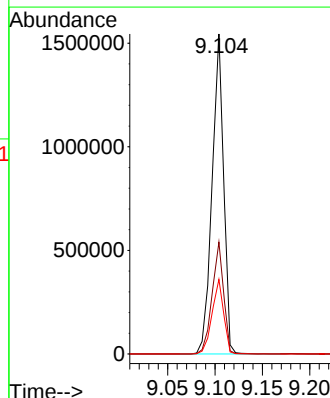
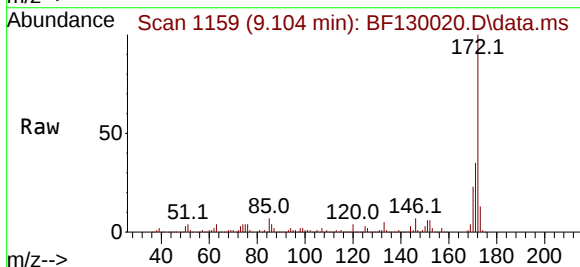
Tgt Ion:172 Resp: 1305485

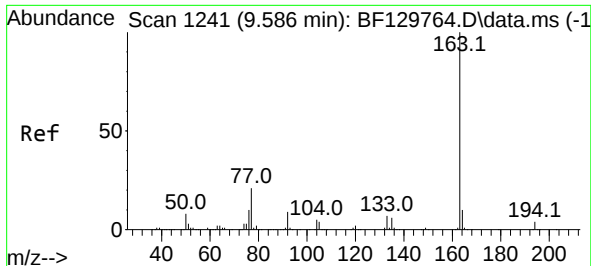
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 19.1 28.7

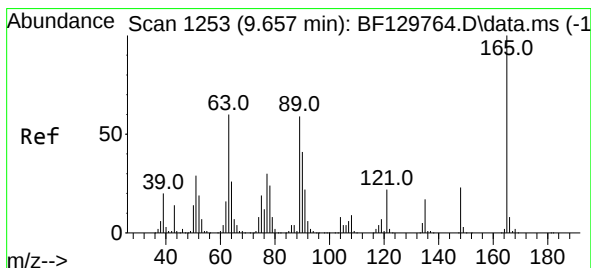
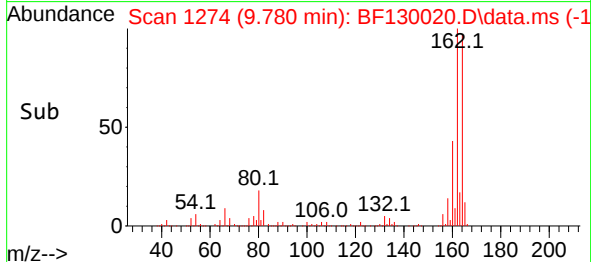
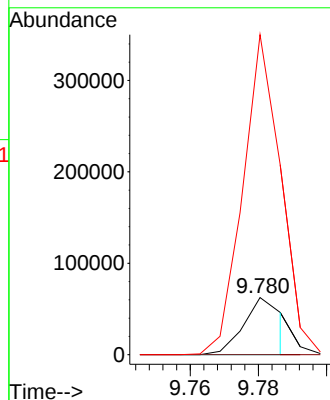
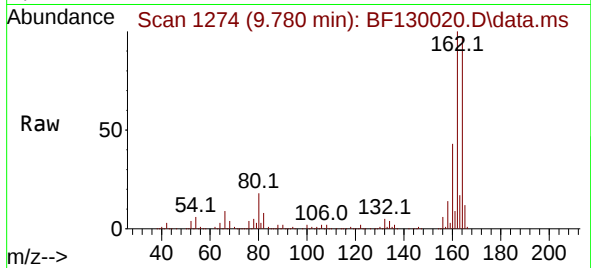




#50
Dimethylphthalate
Concen: 2.499 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

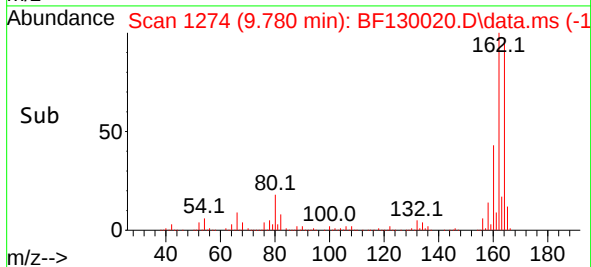
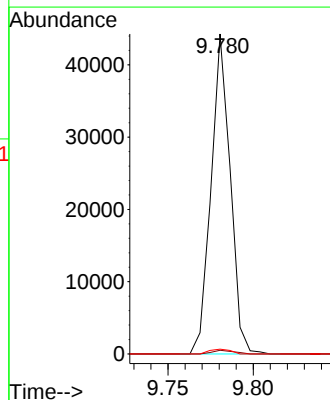
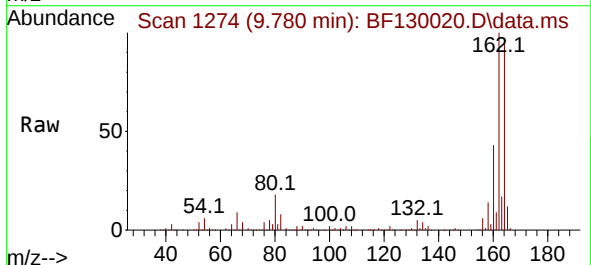
Instrument :
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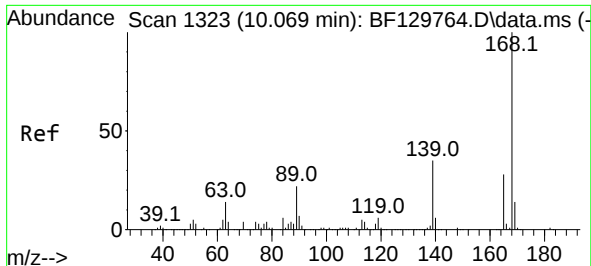
Tgt Ion:163 Resp: 48755
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 559.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

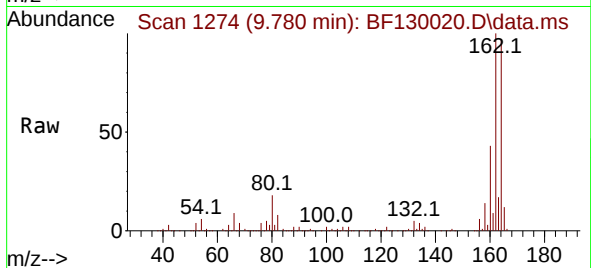
Tgt Ion:165 Resp: 34701
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.5 47.2 70.8#



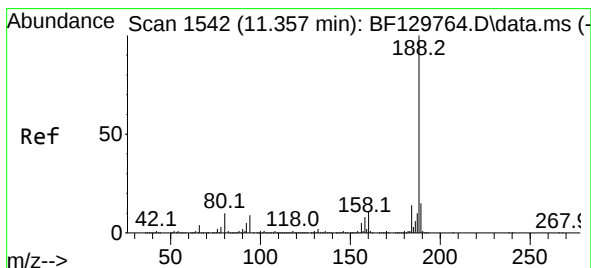
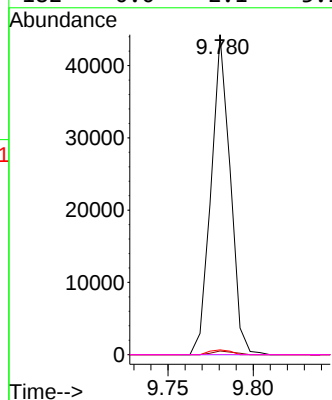
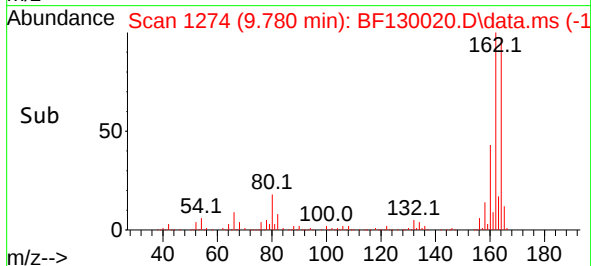


#57
2,4-Dinitrotoluene
Concen: 6.317 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

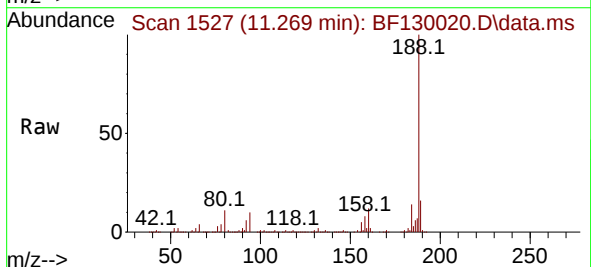
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11



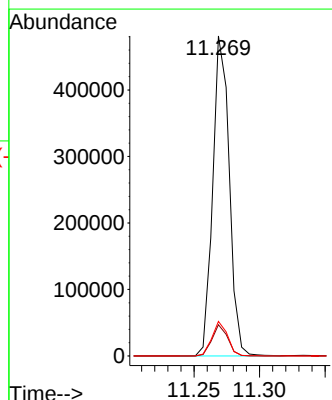
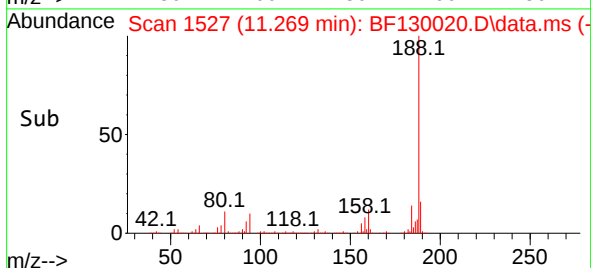
Tgt Ion:165 Resp: 34701
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

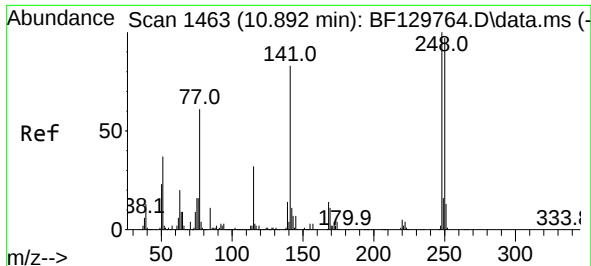


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38



Tgt Ion:188 Resp: 421519
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.8 7.9 11.9

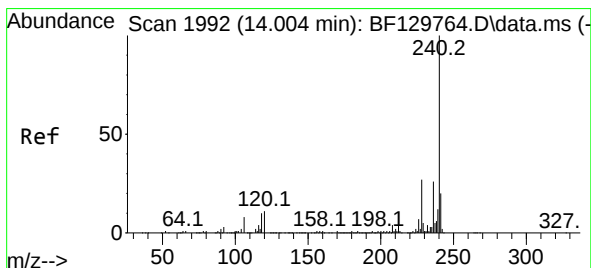
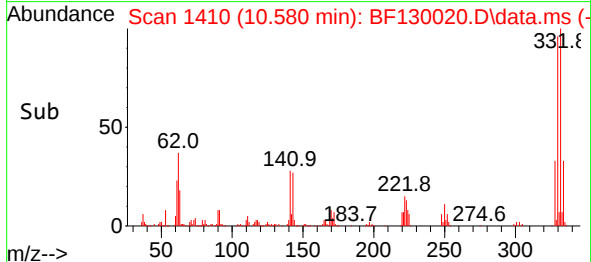
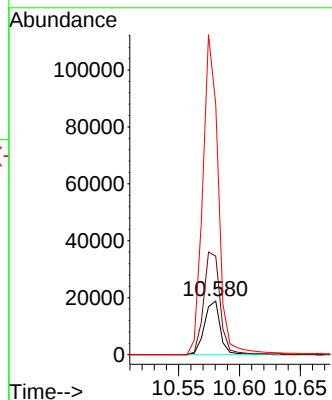
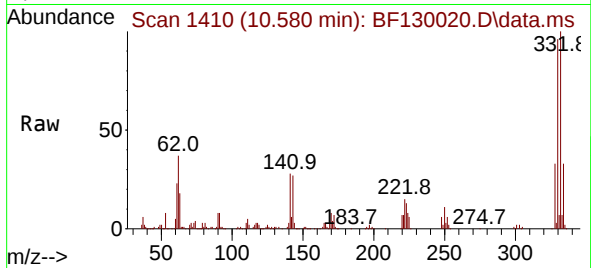




#67
4-Bromophenyl-phenylether
Concen: 3.436 ng
RT: 10.580 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

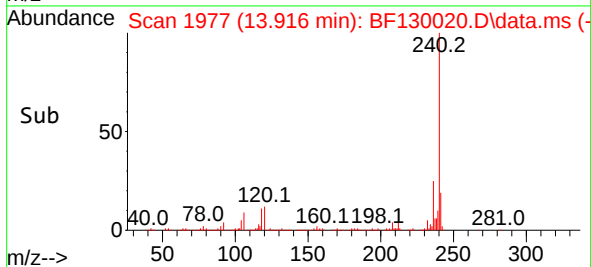
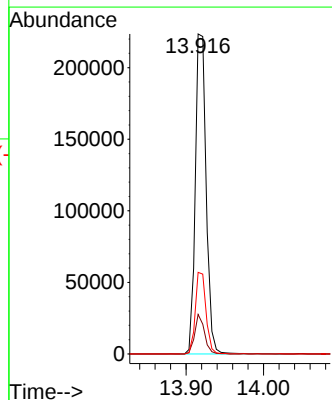
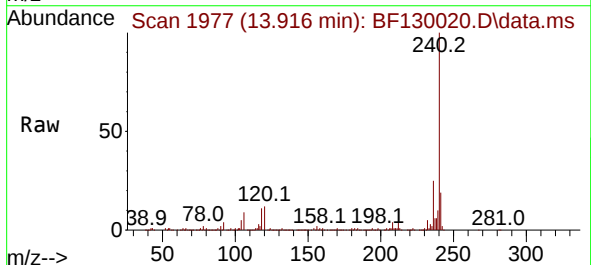
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

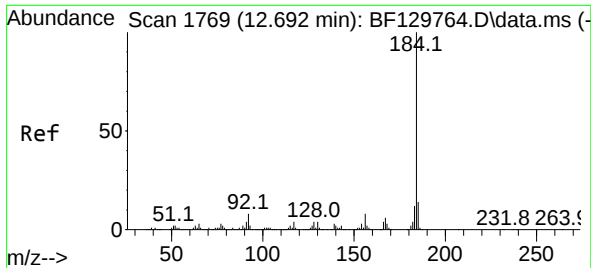
Tgt Ion:248 Resp: 16962
Ion Ratio Lower Upper
248 100
250 184.0 77.8 116.6#
141 467.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion:240 Resp: 217772
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 25.5 20.7 31.1

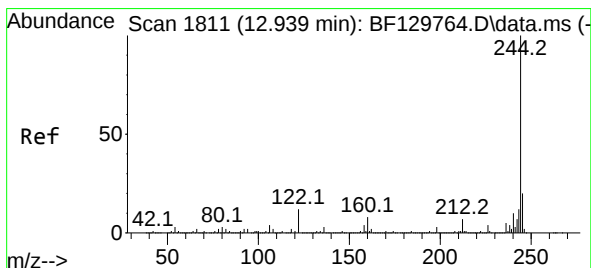
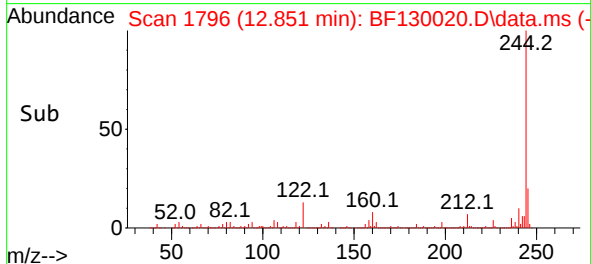
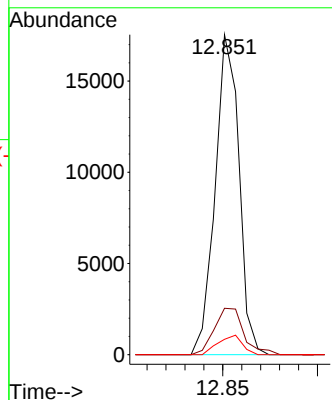
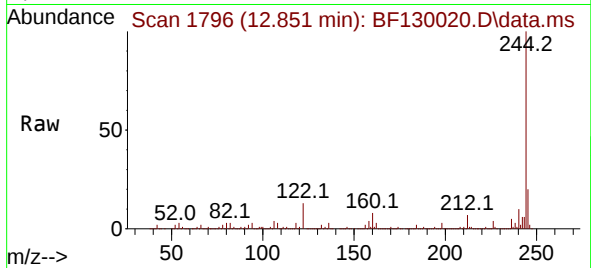




#77
Benzidine
Concen: Below Cal
RT: 12.851 min Scan# 1796
Delta R.T. 0.229 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

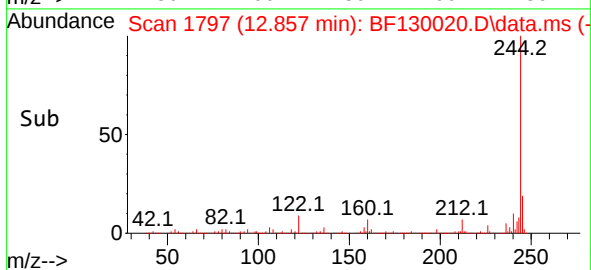
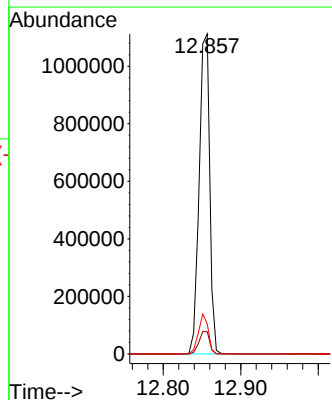
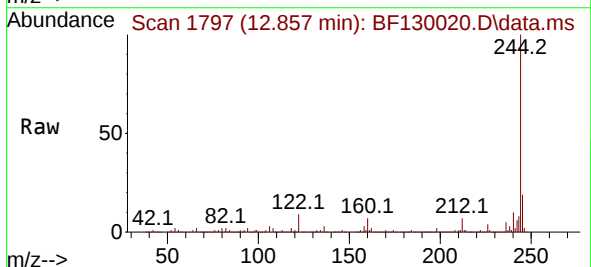
Instrument :
BNA_F
ClientSampleId :
SB-08-9-11

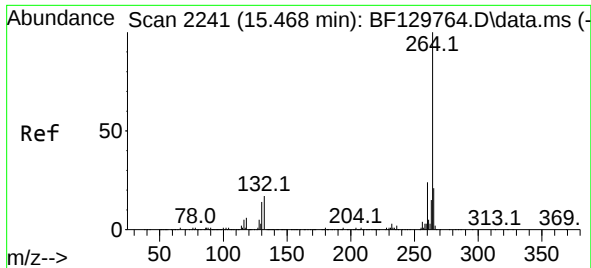
Tgt Ion:184 Resp: 15321
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 4.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.269 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130020.D
Acq: 26 Aug 2022 15:38

Tgt Ion:244 Resp: 1050544
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130020.D
 Acq: 26 Aug 2022 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9-11

Tgt Ion:264 Resp: 215560
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.5 16.7 25.1

