

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131018.D
 Acq On : 05 Nov 2022 14:15
 Operator : CG\JU
 Sample : N5335-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Nov 07 00:48:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

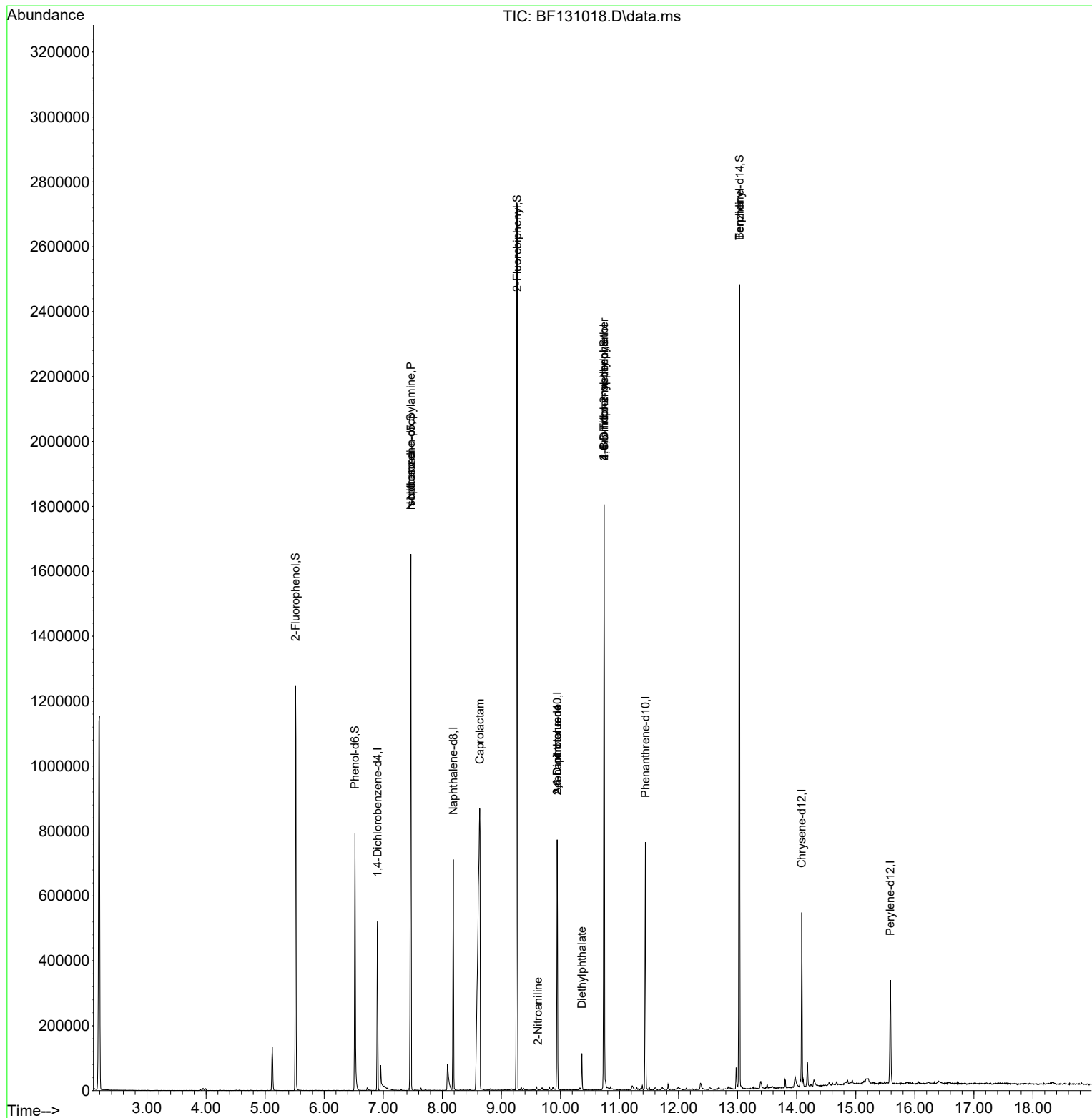
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	70882	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	271952	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	145310	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	247869	20.000	ng	0.00
76) Chrysene-d12	14.086	240	156868	20.000	ng	0.00
86) Perylene-d12	15.586	264	138646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	304319	74.429	ng	0.00
7) Phenol-d6	6.522	99	244025	45.928	ng	0.00
23) Nitrobenzene-d5	7.469	82	519825	115.259	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	207900	169.962	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	940240	97.828	ng	0.00
79) Terphenyl-d14	13.033	244	863951	100.922	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	73086	20.217	ng	# 75
25) Isophorone	7.469	82	519817	55.892	ng	# 66
35) Caprolactam	8.634	113	207538	162.651	ng	# 98
48) 2-Nitroaniline	9.622	65	59	4.167	ng	# 12
51) 2,6-Dinitrotoluene	9.945	165	18539	11.992	ng	# 15
57) 2,4-Dinitrotoluene	9.945	165	18539	10.883	ng	# 21
60) Diethylphthalate	10.363	149	32496	3.311	ng	# 97
65) 4,6-Dinitro-2-methylph...	10.739	198	490	8.323	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	13015	5.221	ng	# 1
77) Benzidine	13.033	184	13087	3.437	ng	# 91

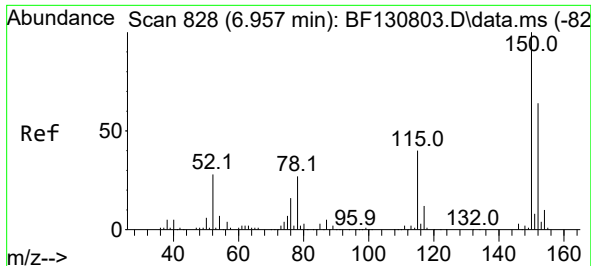
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131018.D
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Operator : CG\JU
Sample : N5335-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 07 00:48:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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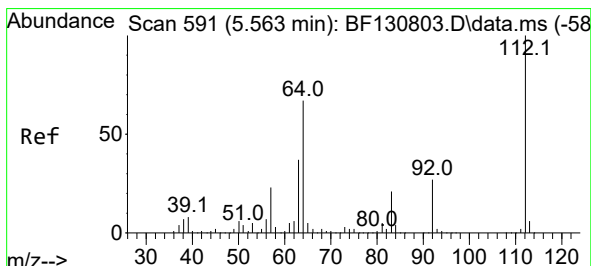
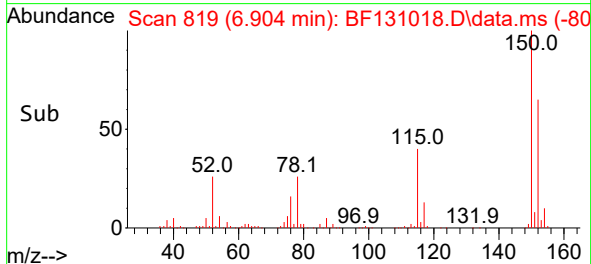
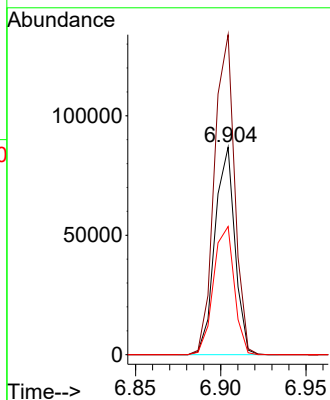
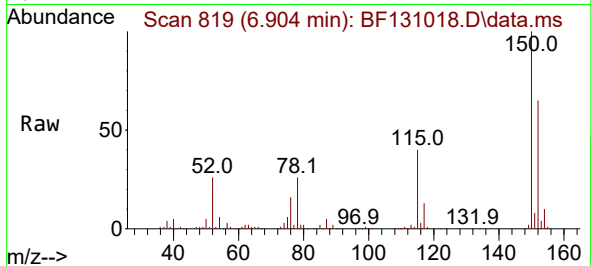




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

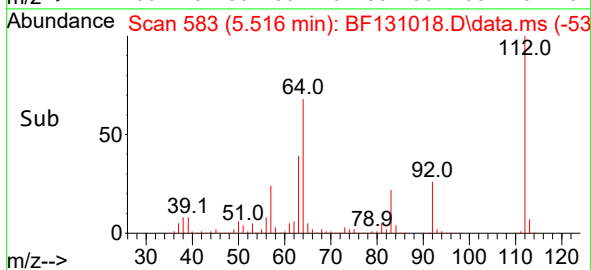
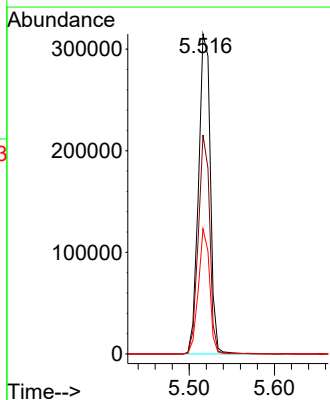
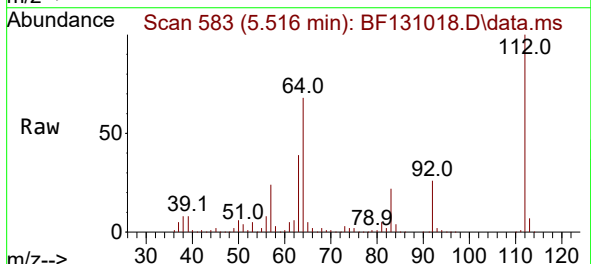
Instrument :
BNA_F
ClientSampleId :
SB-1

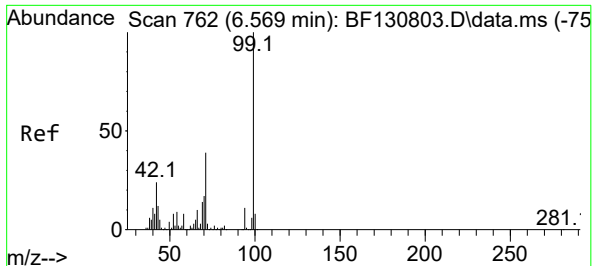
Tgt Ion:152 Resp: 70882
Ion Ratio Lower Upper
152 100
150 154.1 124.1 186.1
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 74.429 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion:112 Resp: 304319
Ion Ratio Lower Upper
112 100
64 68.4 53.9 80.9
63 39.1 29.4 44.2

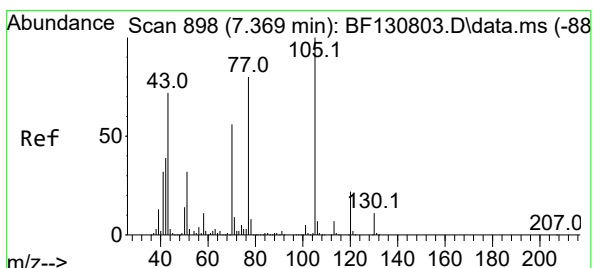
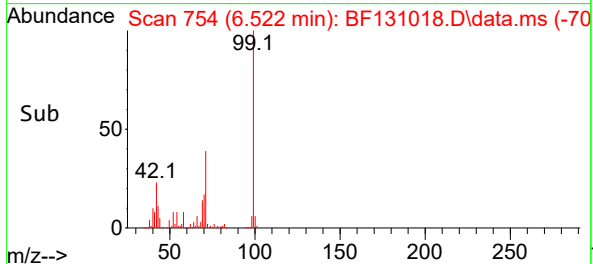
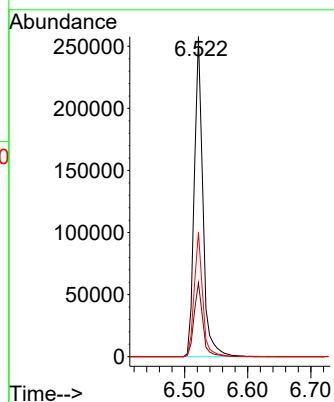
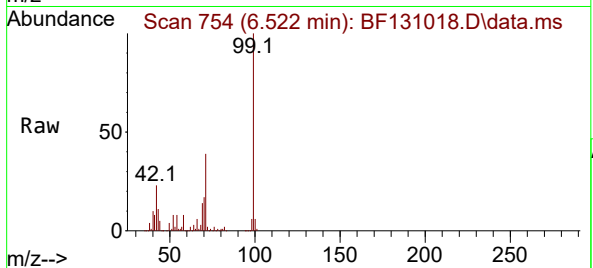




#7
Phenol-d6
Concen: 45.928 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

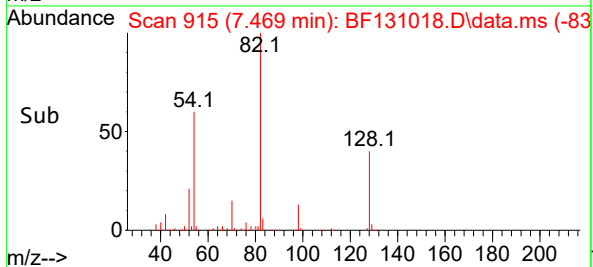
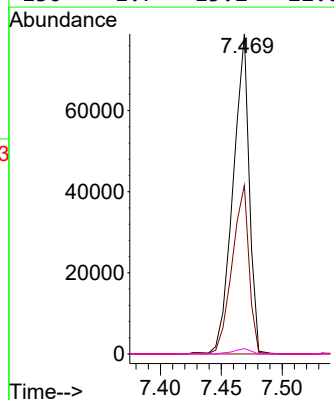
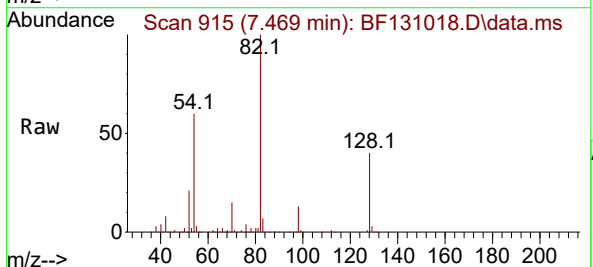
Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion: 99 Resp: 244025
Ion Ratio Lower Upper
99 100
42 23.1 18.8 28.2
71 38.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.217 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion: 70 Resp: 73086
Ion Ratio Lower Upper
70 100
42 52.7 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

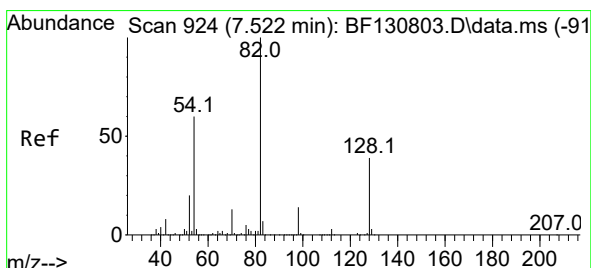
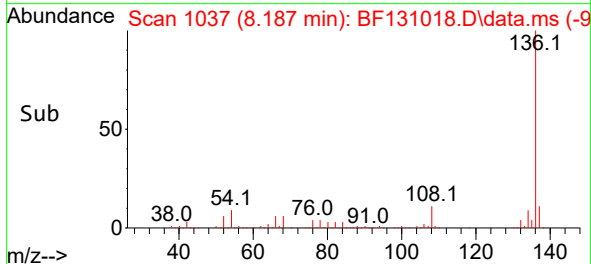
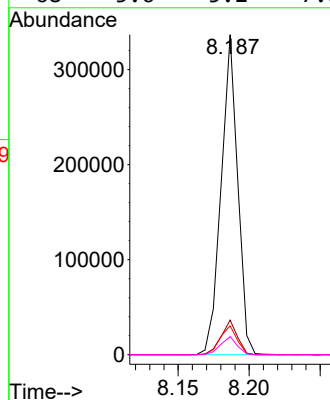
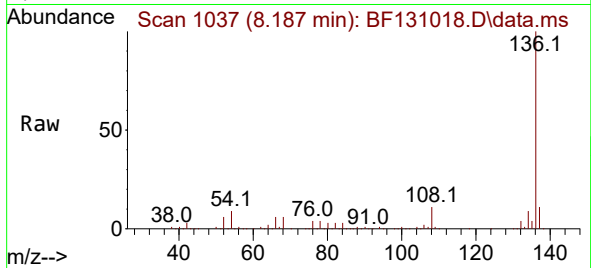




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

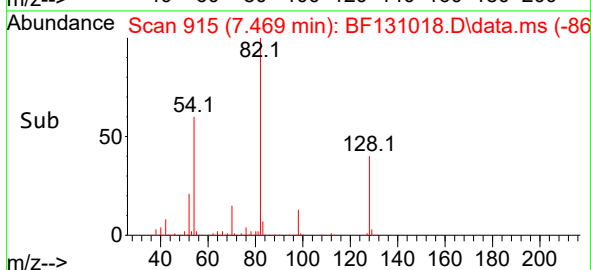
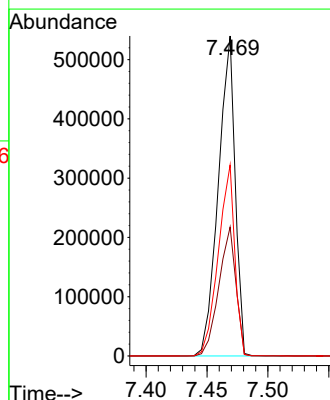
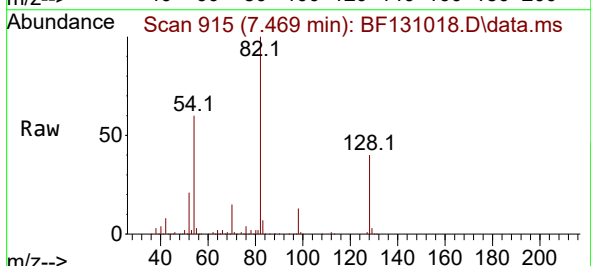
Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:136	Resp: 271952
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 9.0	8.8 13.2
68 5.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 115.259 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion: 82	Resp: 519825
Ion Ratio	Lower Upper
82 100	
128 40.3	31.2 46.8
54 59.7	48.0 72.0

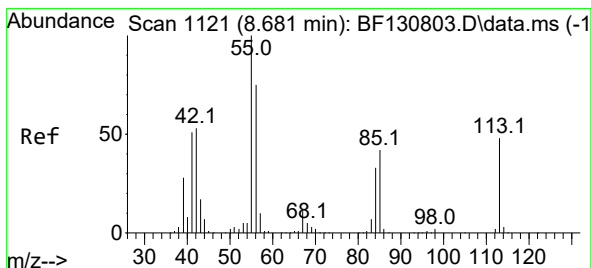
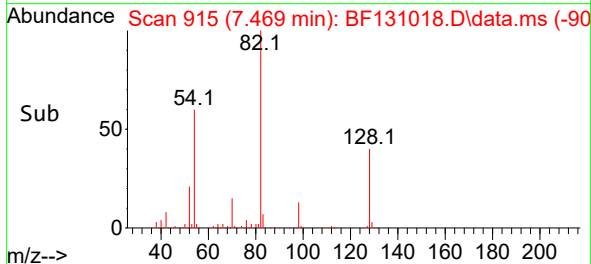
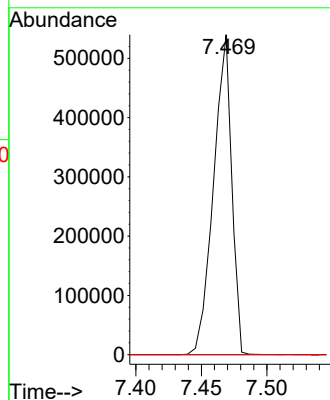
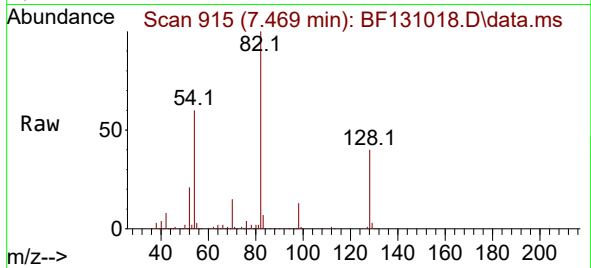




#25
Isophorone
Concen: 55.892 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

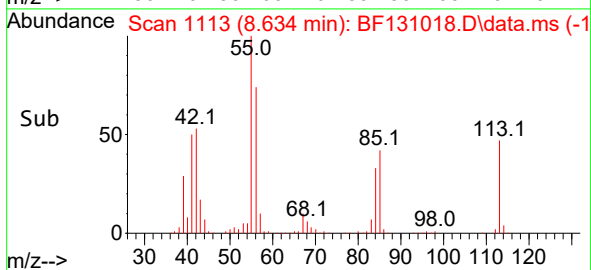
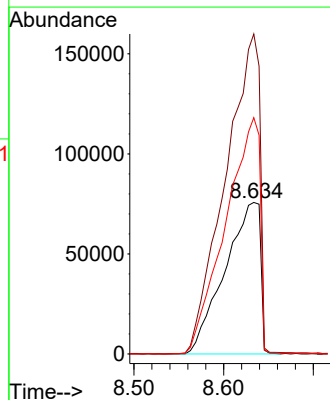
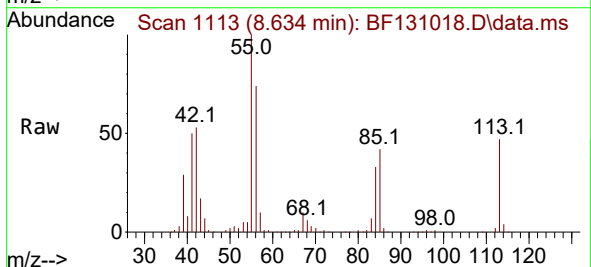
Instrument :
BNA_F
ClientSampleId :
SB-1

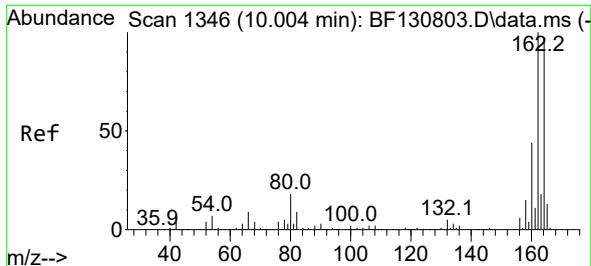
Tgt Ion: 82 Resp: 519817
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#35
Caprolactam
Concen: 162.651 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion: 113 Resp: 207538
Ion Ratio Lower Upper
113 100
55 211.2 187.0 227.0
56 156.0 134.2 174.2

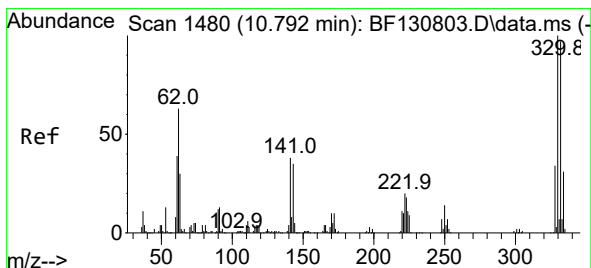
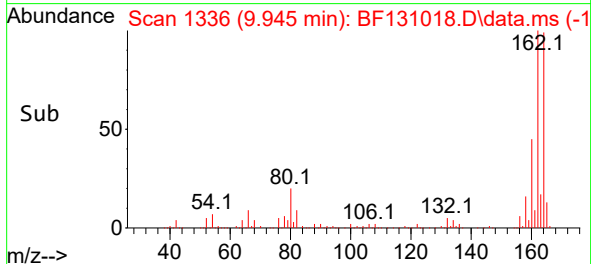
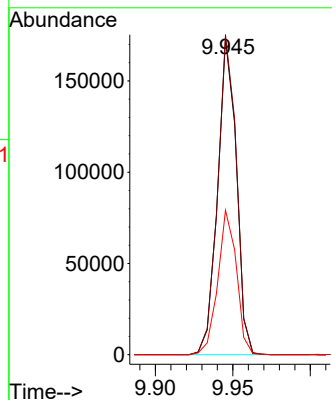
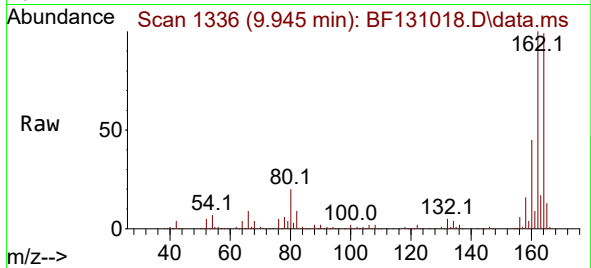




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

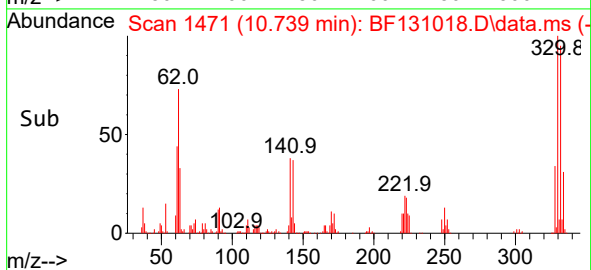
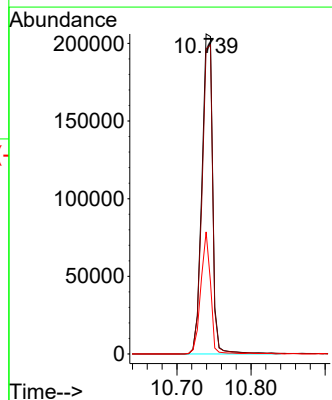
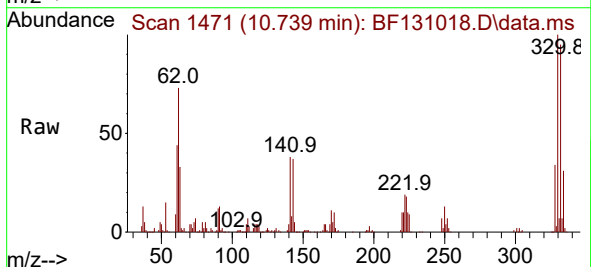
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BNA_F
ClientSampleId :
SB-1

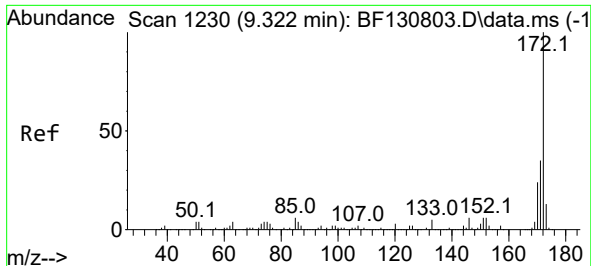
Tgt Ion:164 Resp: 145310
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 169.962 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion:330 Resp: 207900
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 34.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 97.828 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

SB-1

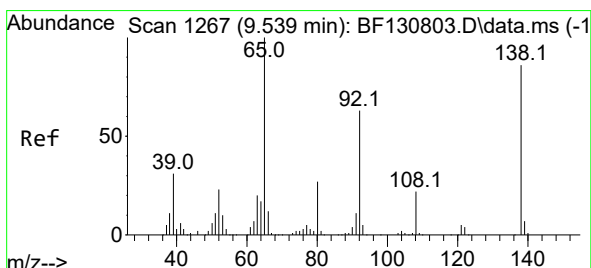
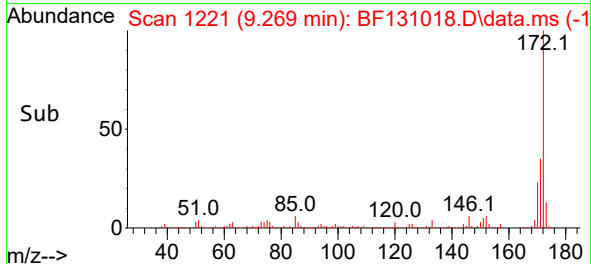
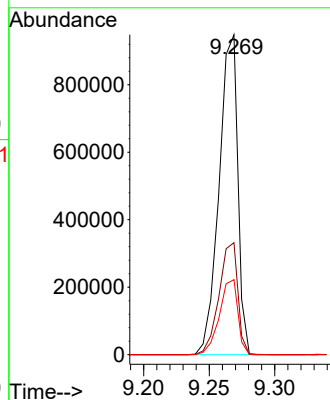
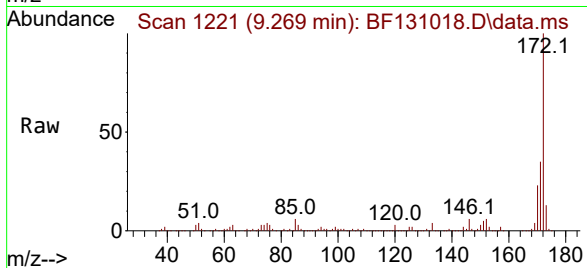
Tgt Ion:172 Resp: 940240

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.167 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.129 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

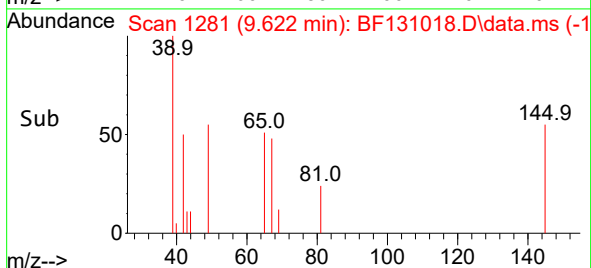
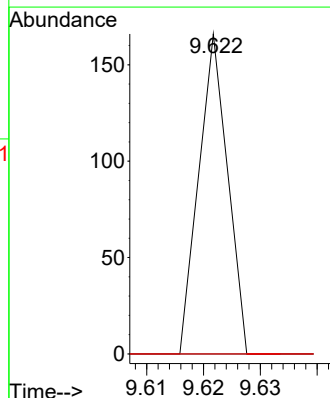
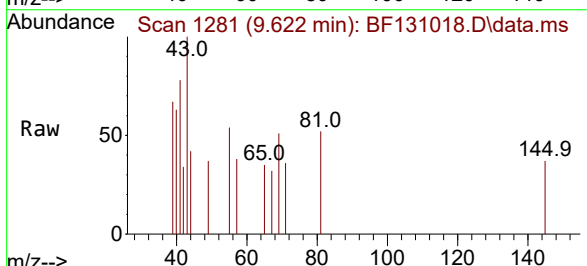
Tgt Ion: 65 Resp: 59

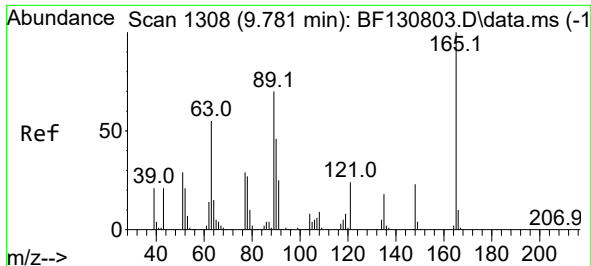
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 11.992 ng

RT: 9.945 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

SB-1

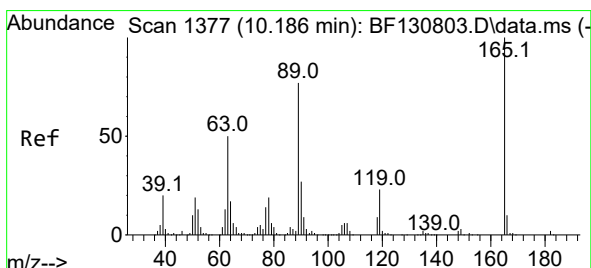
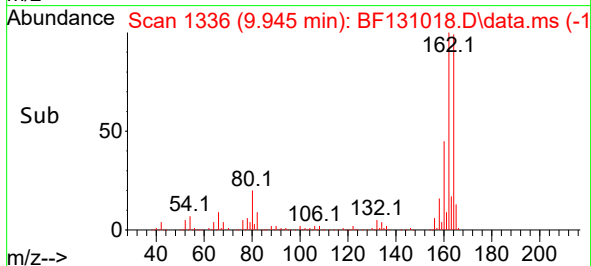
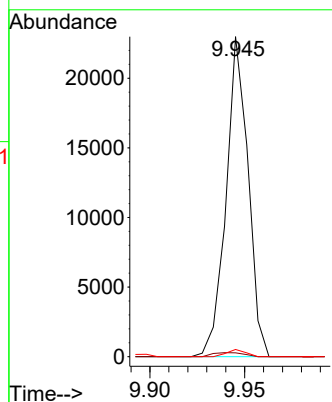
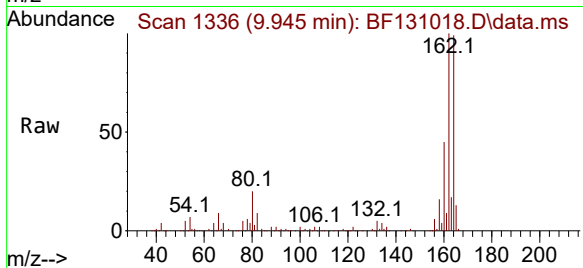
Tgt Ion:165 Resp: 18539

Ion Ratio Lower Upper

165 100

63 1.2 61.8 92.8#

89 2.2 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 10.883 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.194 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

Tgt Ion:165 Resp: 18539

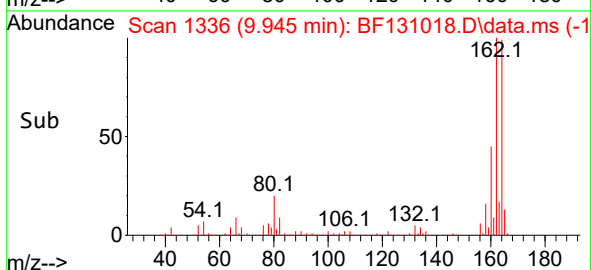
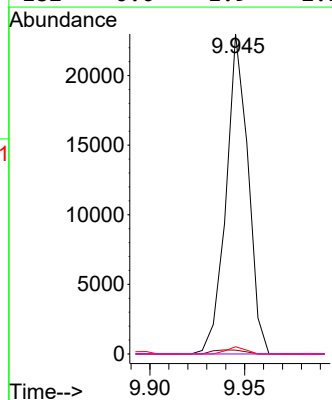
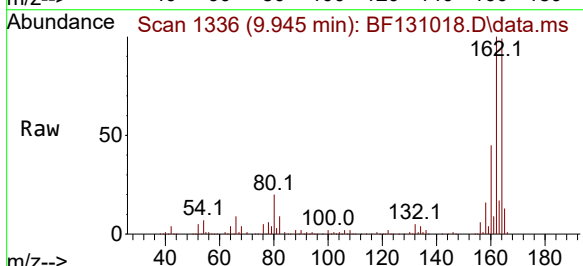
Ion Ratio Lower Upper

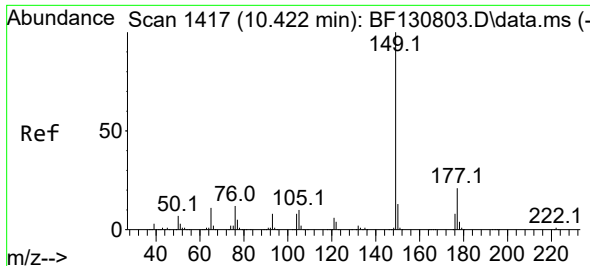
165 100

63 1.2 39.8 59.6#

89 2.2 61.9 92.9#

182 0.0 1.9 2.9#

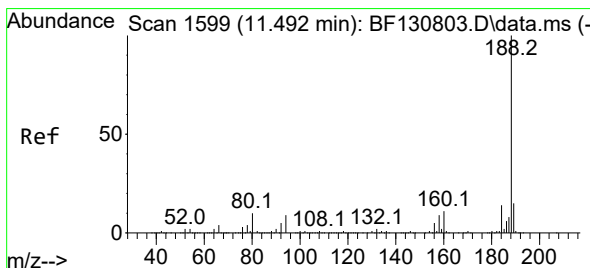
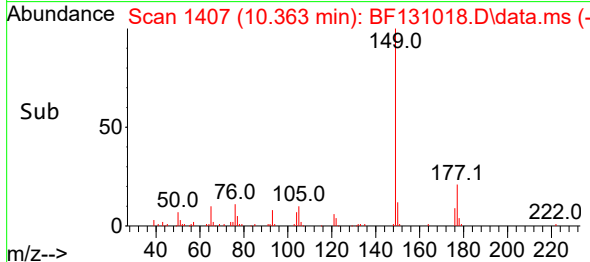
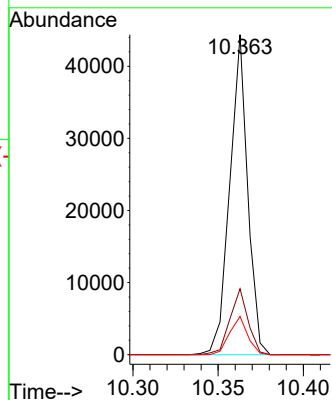
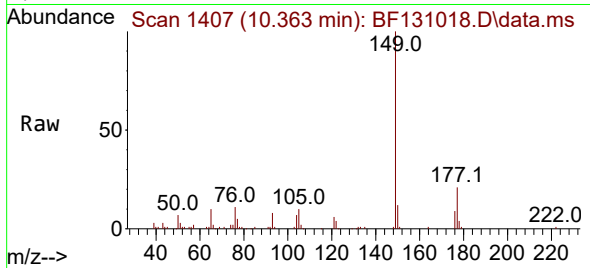




#60
Diethylphthalate
Concen: 3.311 ng
RT: 10.363 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

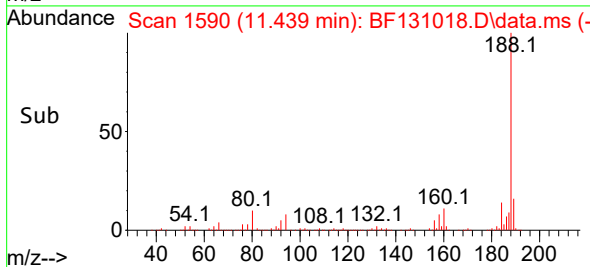
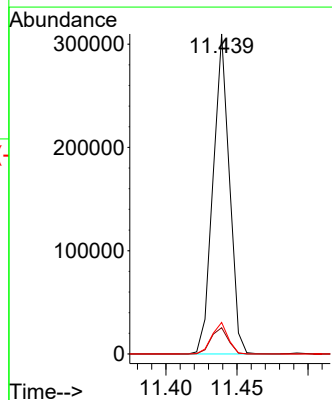
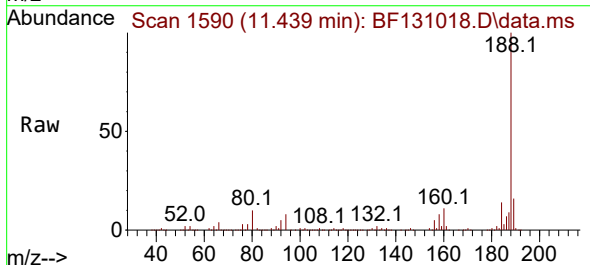
Instrument :
BNA_F
ClientSampleId :
SB-1

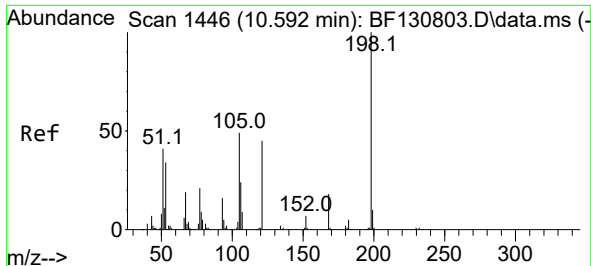
Tgt Ion:149 Resp: 32496
Ion Ratio Lower Upper
149 100
177 20.6 17.2 25.8
150 11.9 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion:188 Resp: 247869
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.8 8.0 12.0

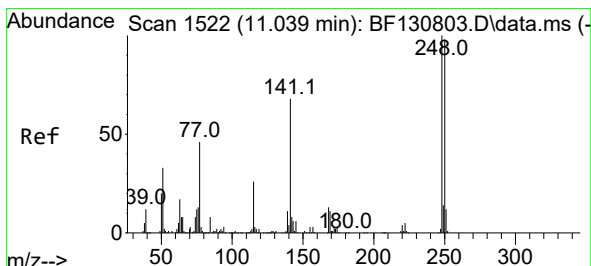
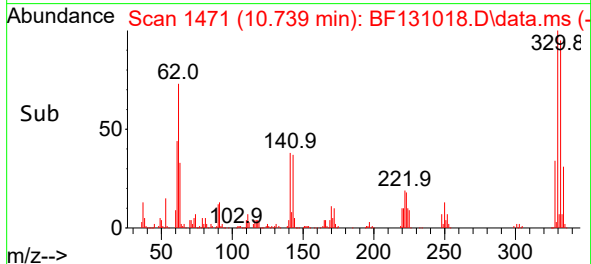
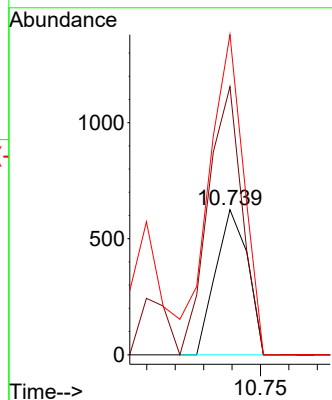
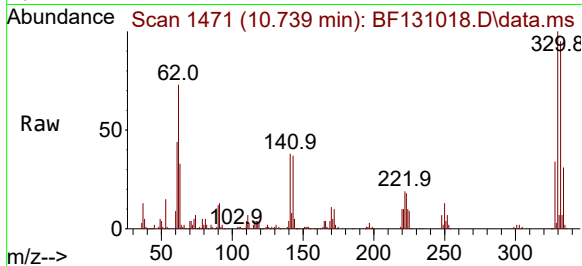




#65
4,6-Dinitro-2-methylphenol
Concen: 8.323 ng
RT: 10.739 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

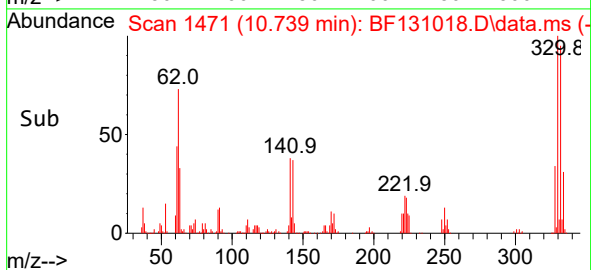
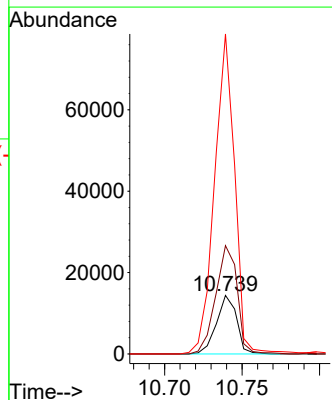
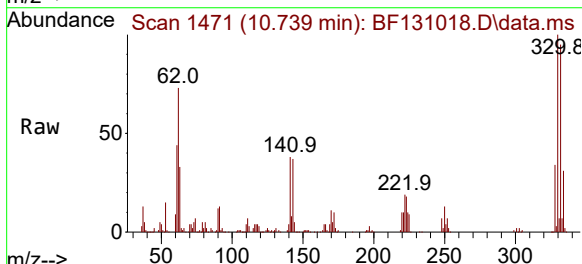
Instrument :
BNA_F
ClientSampleId :
SB-1

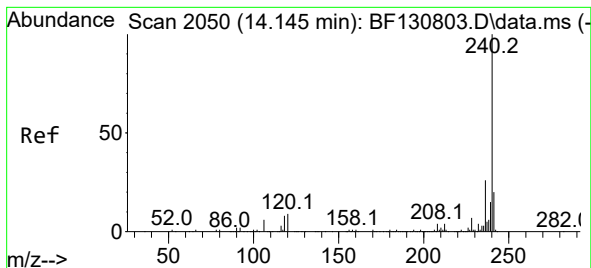
Tgt Ion:198 Resp: 490
Ion Ratio Lower Upper
198 100
51 184.8 39.0 79.0#
105 220.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.221 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.247 min
Lab File: BF131018.D
Acq: 05 Nov 2022 14:15

Tgt Ion:248 Resp: 13015
Ion Ratio Lower Upper
248 100
250 185.2 78.6 117.8#
141 547.1 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

Instrument :

BNA_F

ClientSampleId :

SB-1

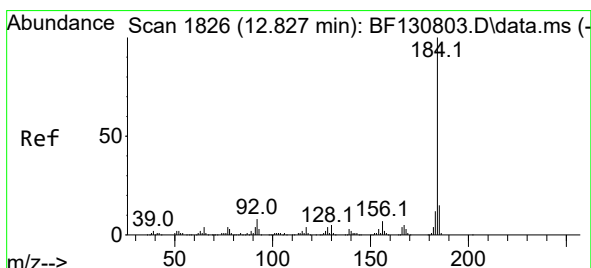
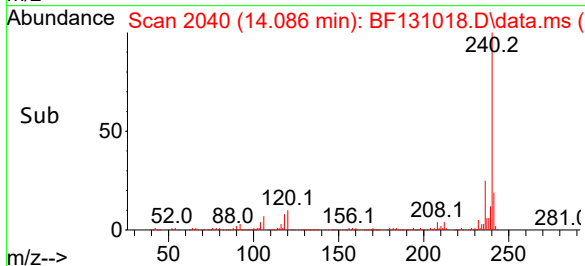
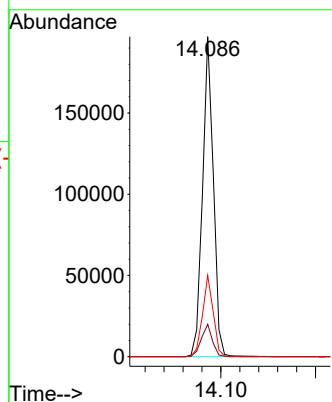
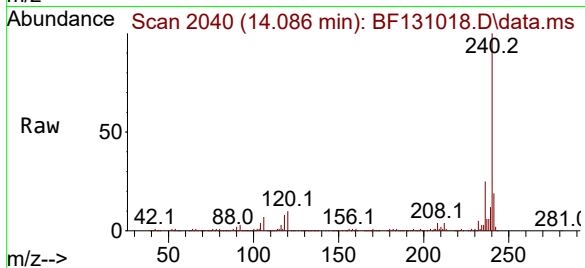
Tgt Ion:240 Resp: 156868

Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.4

236 25.4 20.5 30.7



#77

Benzidine

Concen: 3.437 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.253 min

Lab File: BF131018.D

Acq: 05 Nov 2022 14:15

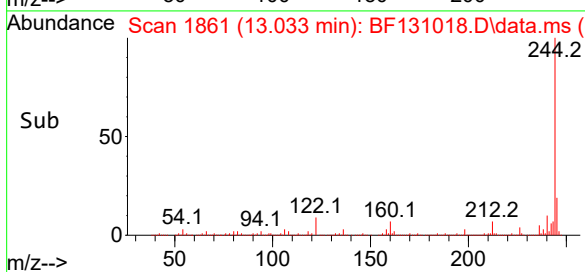
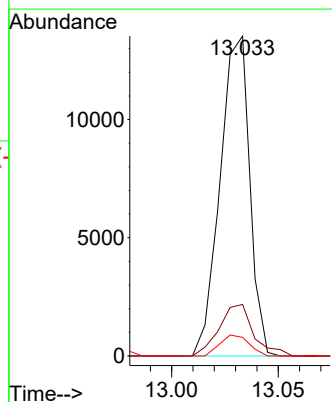
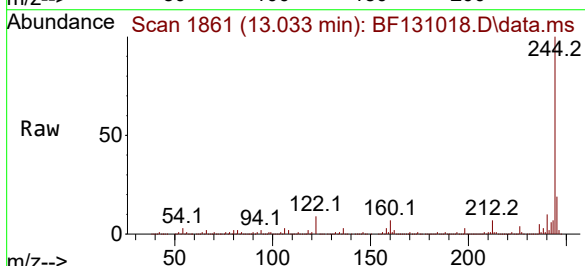
Tgt Ion:184 Resp: 13087

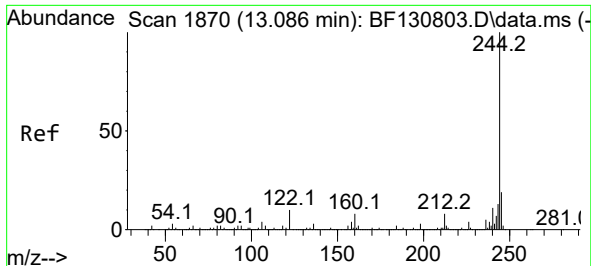
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 5.8 9.7 14.5#

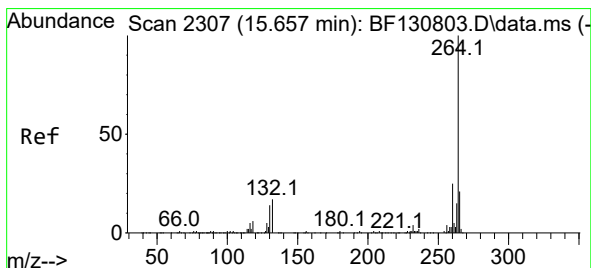
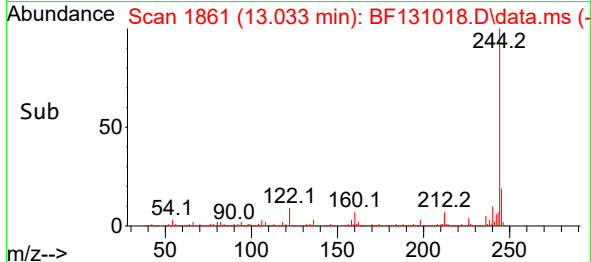
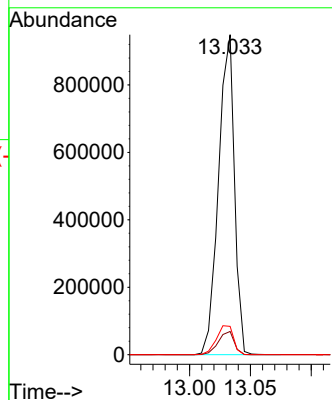
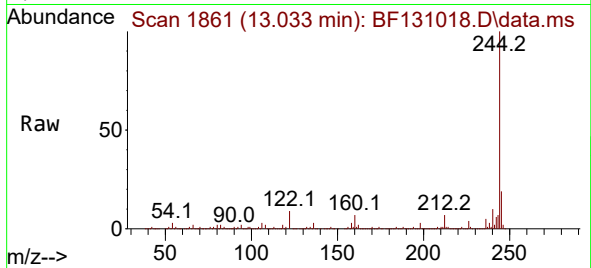




#79
 Terphenyl-d14
 Concen: 100.922 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131018.D
 Acq: 05 Nov 2022 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:244 Resp: 863951
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131018.D
 Acq: 05 Nov 2022 14:15

Tgt Ion:264 Resp: 138646
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.9 29.9
 265 20.6 17.0 25.6

