

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131100.D
 Acq On : 09 Nov 2022 22:06
 Operator : CG\JU
 Sample : N5340-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 10 04:33:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

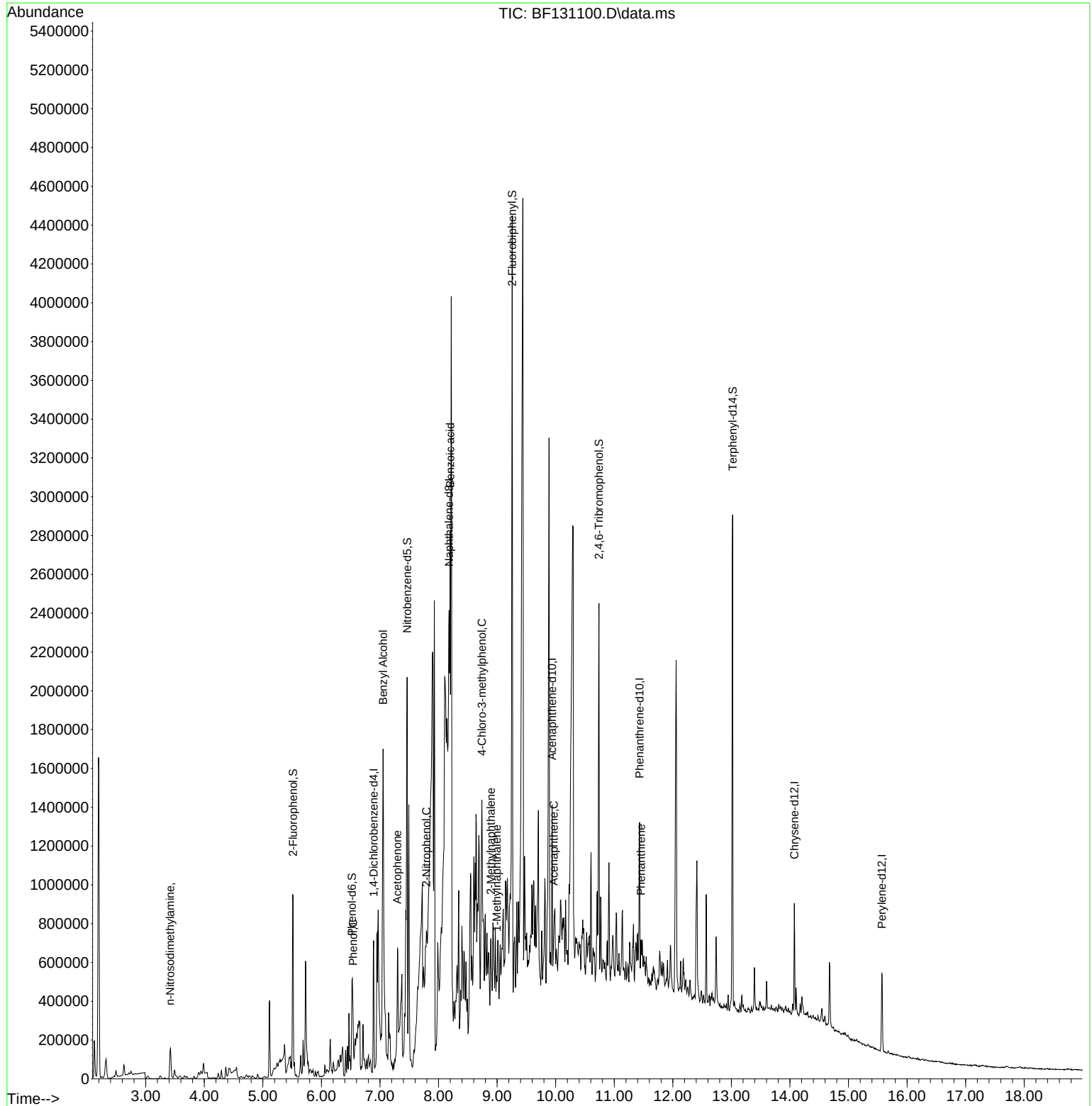
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	91309	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	324821	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	168703	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	271606	20.000	ng	0.00
76) Chrysene-d12	14.074	240	182401	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	190623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	272552	50.762	ng	0.01
7) Phenol-d6	6.522	99	164457	23.429	ng	0.00
23) Nitrobenzene-d5	7.463	82	674026	93.625	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	234032	134.231	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1086249	89.884	ng	0.00
79) Terphenyl-d14	13.022	244	921659	88.594	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.416	42	49075	11.723	ng	# 93
10) Phenol	6.540	94	107019	13.042	ng	94
15) Benzyl Alcohol	7.051	79	521547	97.146	ng	98
22) Acetophenone	7.298	105	141077	17.355	ng	# 96
26) 2-Nitrophenol	7.792	139	23881	7.718	ng	94
32) Benzoic acid	8.198	122	1860373	497.982	ng	94
36) 4-Chloro-3-methylphenol	8.739	107	91868	16.364	ng	# 89
37) 2-Methylnaphthalene	8.892	142	51470	4.499	ng	98
38) 1-Methylnaphthalene	8.992	142	47340	4.225	ng	100
52) Acenaphthene	9.969	154	24962	2.587	ng	99
71) Phenanthrene	11.457	178	42387	2.838	ng	# 92

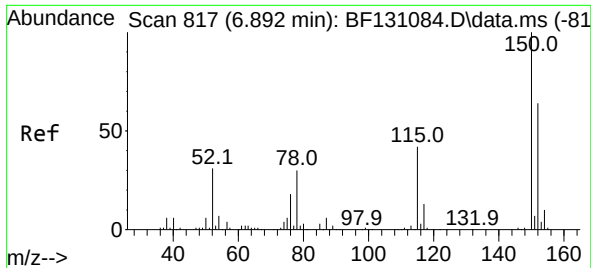
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131100.D
Acq On : 09 Nov 2022 22:06
Operator : CG\JU
Sample : N5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Nov 10 04:33:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

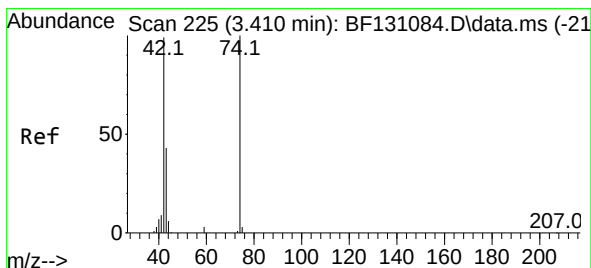
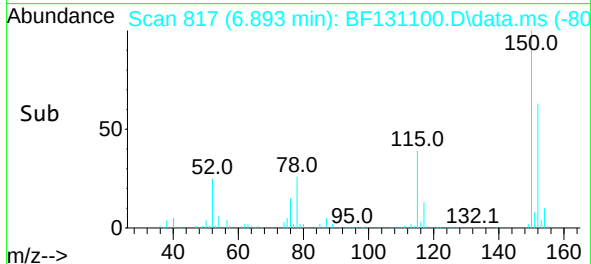
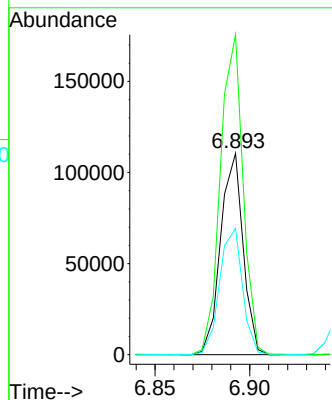
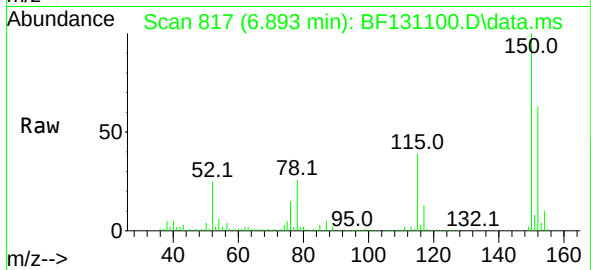




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

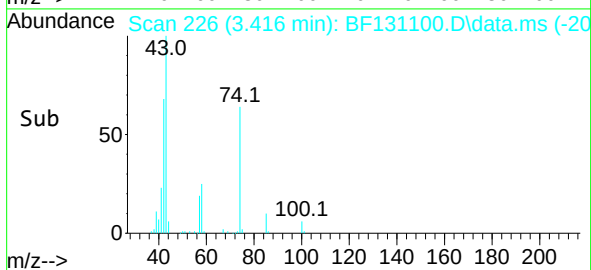
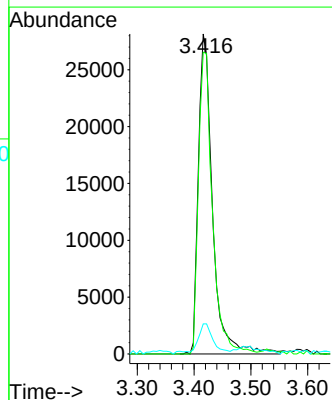
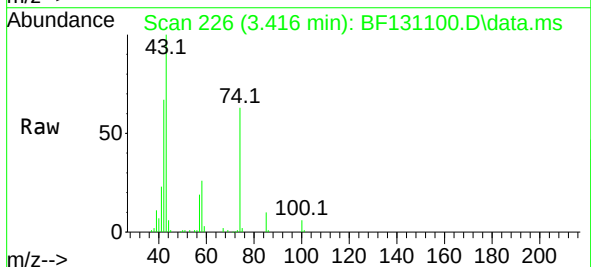
Instrument :
BNA_F
ClientSampleId :
TP-2

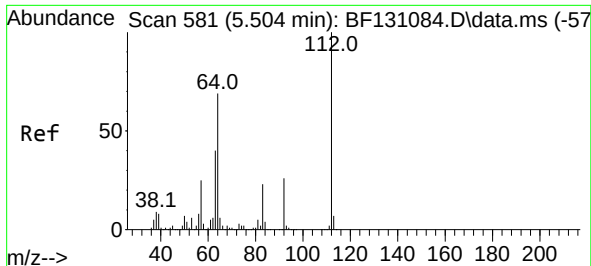
Tgt Ion:152 Resp: 91309
Ion Ratio Lower Upper
152 100
150 158.9 125.5 188.3
115 62.7 52.2 78.2



#4
n-Nitrosodimethylamine
Concen: 11.723 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.006 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

Tgt Ion: 42 Resp: 49075
Ion Ratio Lower Upper
42 100
74 94.3 81.0 121.4
44 9.4 5.0 7.4#

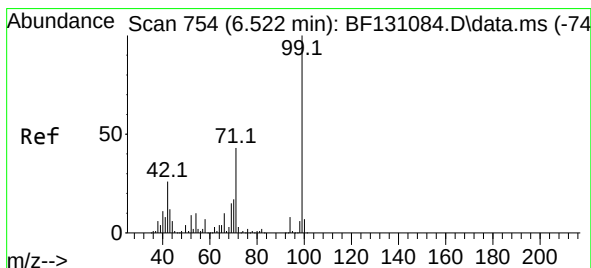
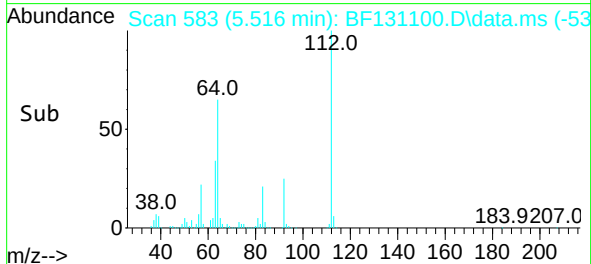
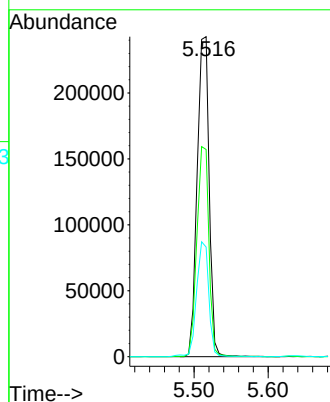
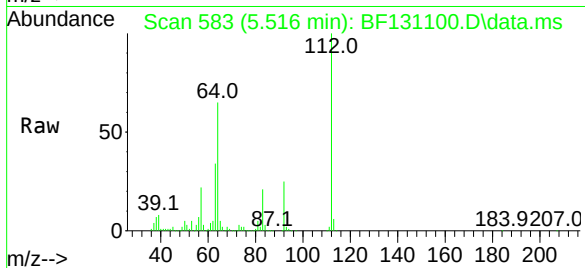




#5
2-Fluorophenol
Concen: 50.762 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

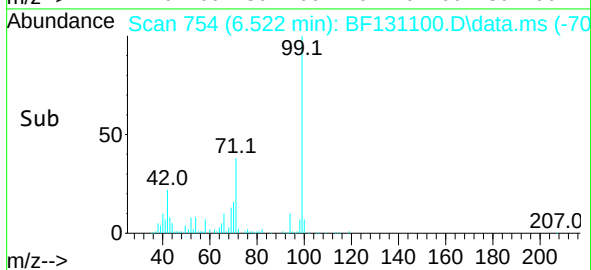
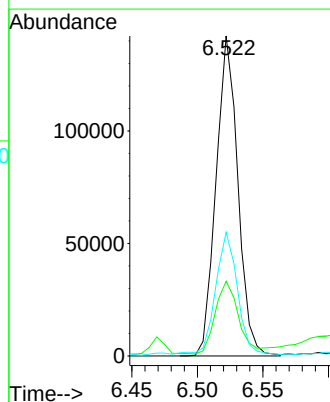
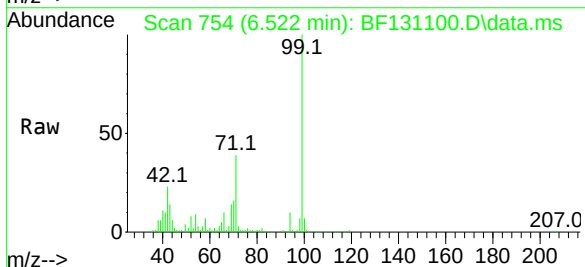
Instrument :
BNA_F
ClientSampleId :
TP-2

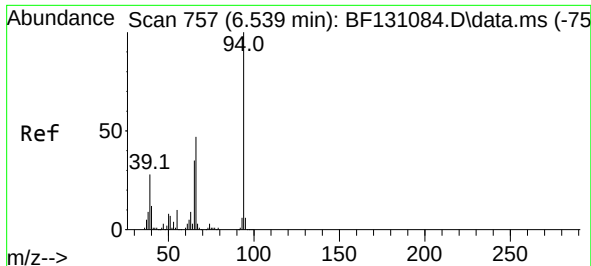
Tgt Ion:112 Resp: 272552
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 34.3 32.4 48.6



#7
Phenol-d6
Concen: 23.429 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

Tgt Ion: 99 Resp: 164457
Ion Ratio Lower Upper
99 100
42 23.4 20.8 31.2
71 38.6 34.2 51.4





#10

Phenol

Concen: 13.042 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2

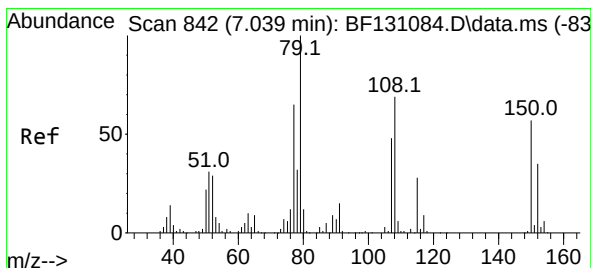
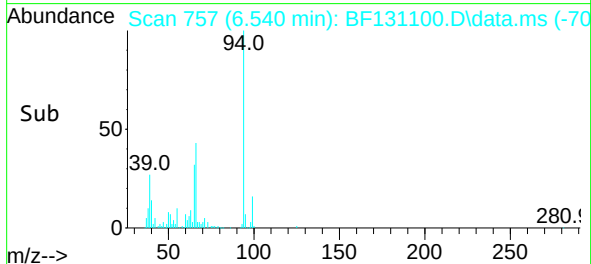
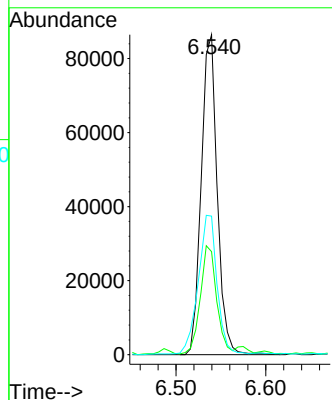
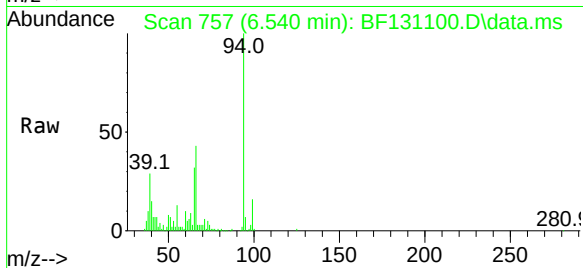
Tgt Ion: 94 Resp: 107019

Ion Ratio Lower Upper

94 100

65 32.2 14.8 54.8

66 43.3 27.5 67.5



#15

Benzyl Alcohol

Concen: 97.146 ng

RT: 7.051 min Scan# 844

Delta R.T. 0.012 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

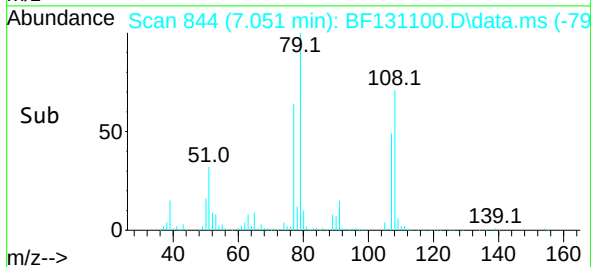
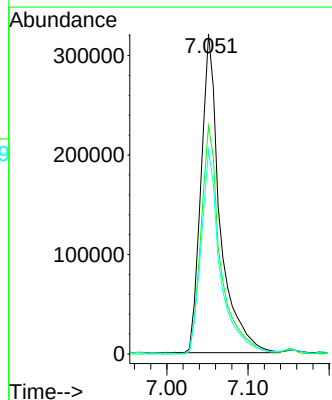
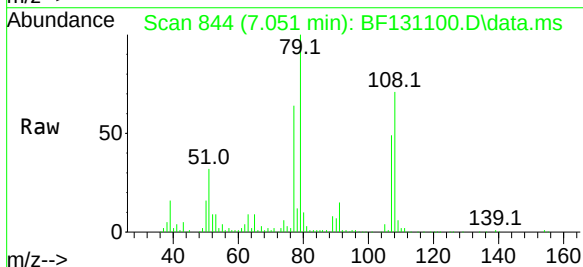
Tgt Ion: 79 Resp: 521547

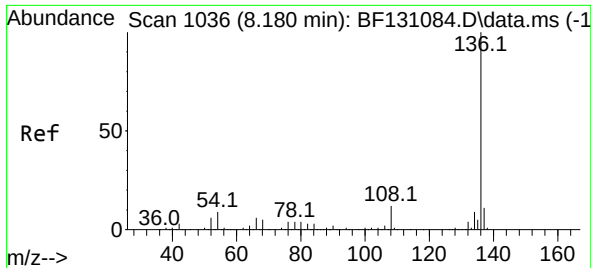
Ion Ratio Lower Upper

79 100

108 71.2 55.5 83.3

77 63.7 51.8 77.8

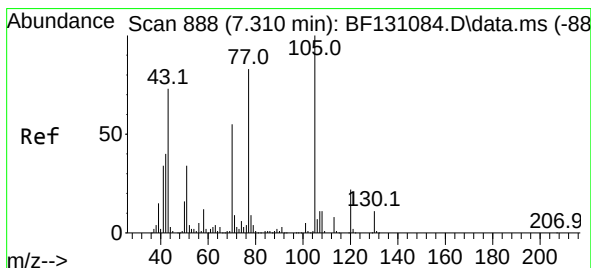
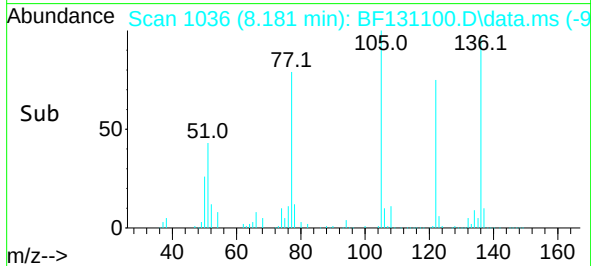
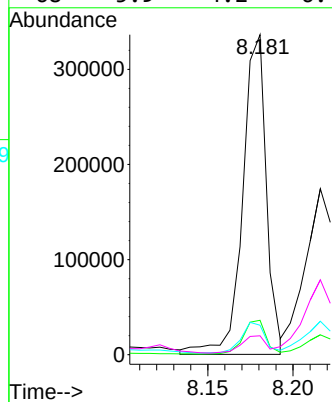
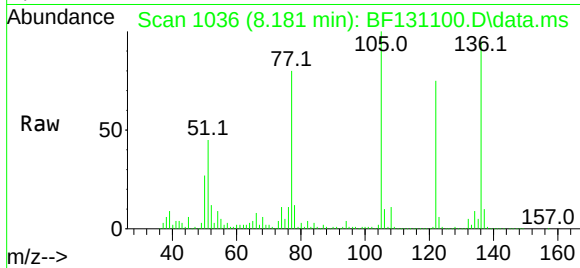




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

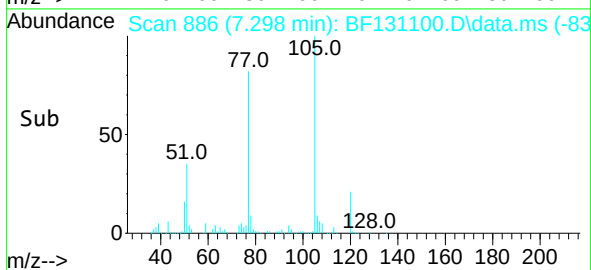
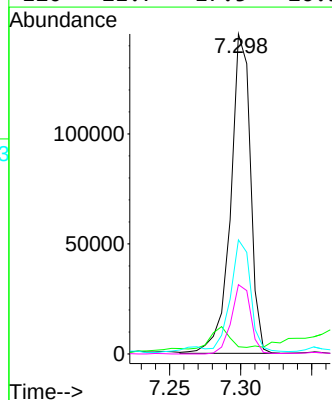
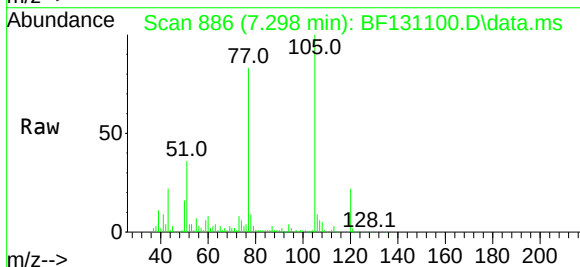
Instrument :
BNA_F
ClientSampleId :
TP-2

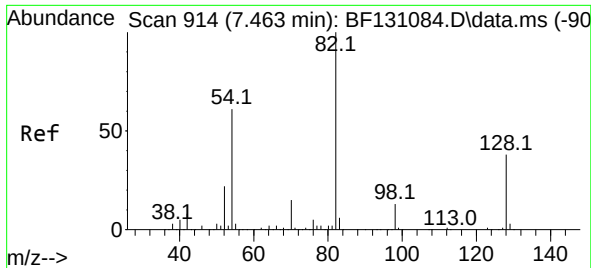
Tgt Ion:136 Resp: 324821
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 7.2 10.8
68 5.9 4.2 6.4



#22
Acetophenone
Concen: 17.355 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

Tgt Ion:105 Resp: 141077
Ion Ratio Lower Upper
105 100
71 2.2 7.0 10.4#
51 35.7 27.0 40.6
120 21.7 17.5 26.3

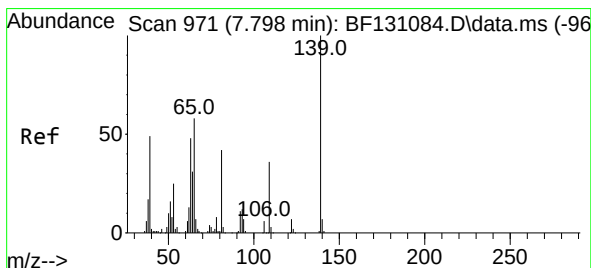
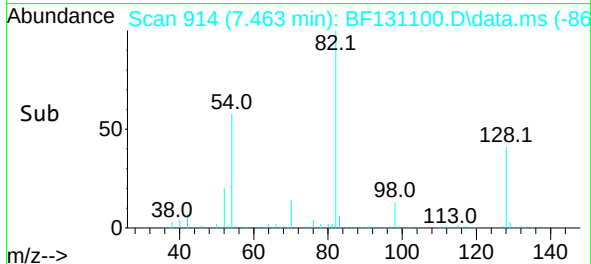
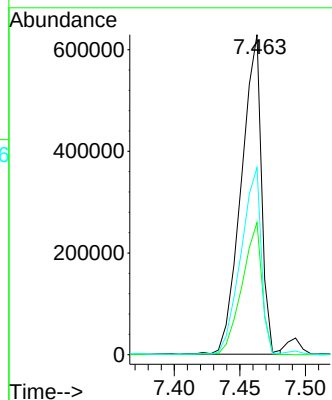
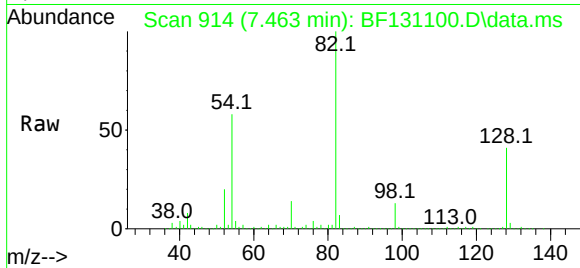




#23
Nitrobenzene-d5
Concen: 93.625 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

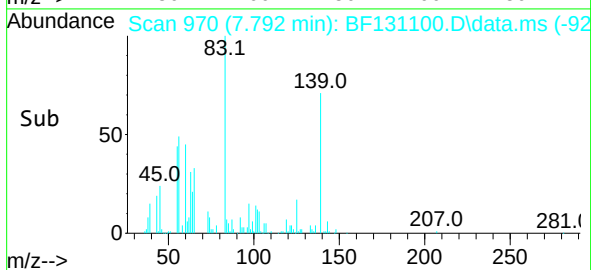
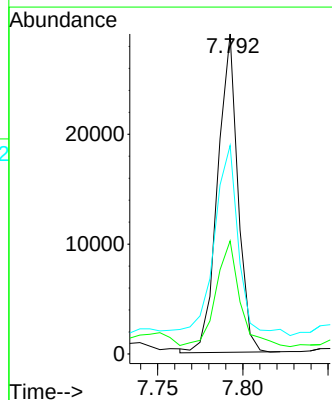
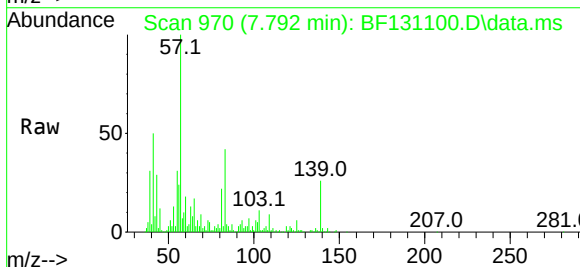
Instrument :
BNA_F
ClientSampleId :
TP-2

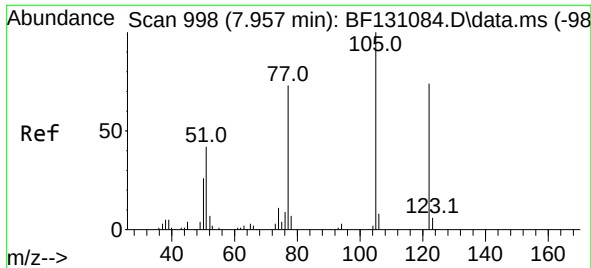
Tgt Ion: 82 Resp: 674026
Ion Ratio Lower Upper
82 100
128 41.3 30.5 45.7
54 58.5 49.1 73.7



#26
2-Nitrophenol
Concen: 7.718 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

Tgt Ion:139 Resp: 23881
Ion Ratio Lower Upper
139 100
109 35.3 28.6 43.0
65 65.1 46.2 69.4

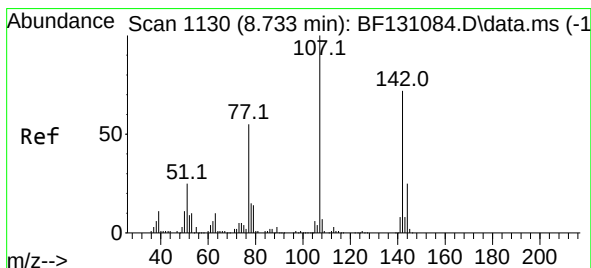
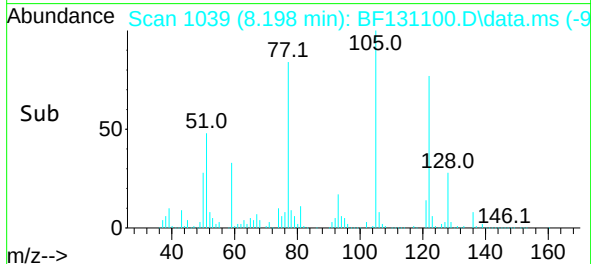
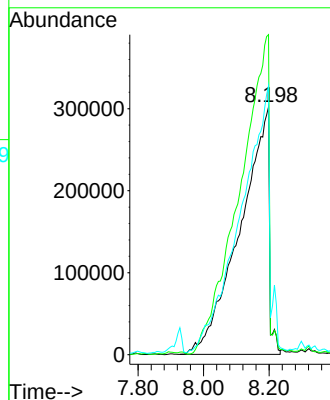
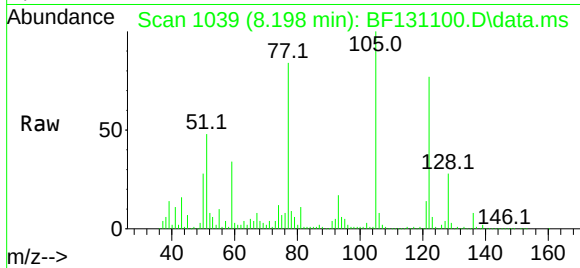




#32
Benzoic acid
Concen: 497.982 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.241 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

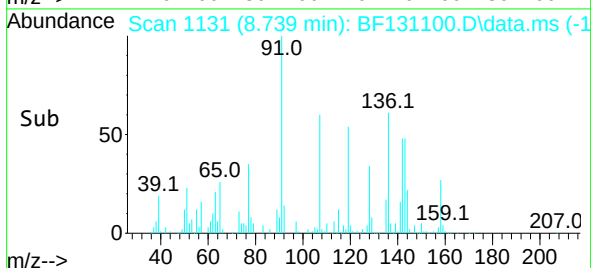
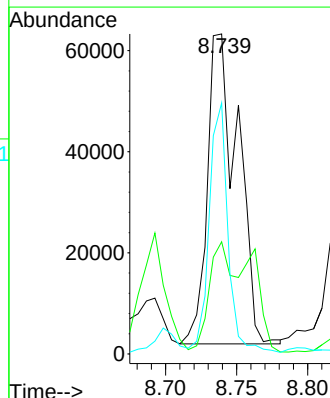
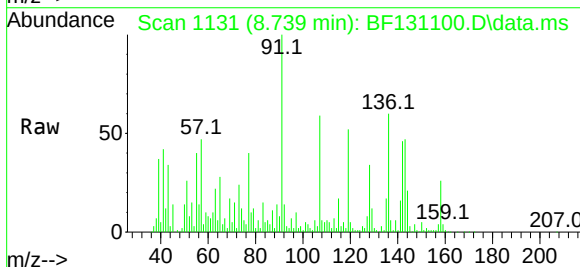
Instrument :
BNA_F
ClientSampleId :
TP-2

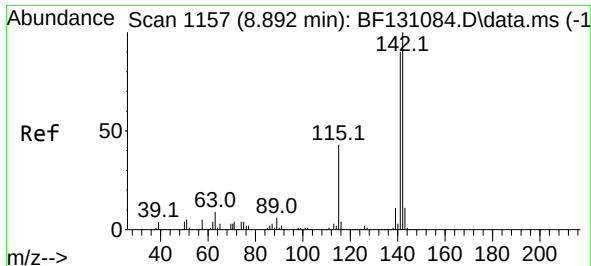
Tgt Ion:122 Resp: 1860373
Ion Ratio Lower Upper
122 100
105 129.2 113.0 153.0
77 108.6 78.7 118.7



#36
4-Chloro-3-methylphenol
Concen: 16.364 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF131100.D
Acq: 09 Nov 2022 22:06

Tgt Ion:107 Resp: 91868
Ion Ratio Lower Upper
107 100
144 35.0 20.0 30.0#
142 78.5 57.6 86.4





#37

2-Methylnaphthalene

Concen: 4.499 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

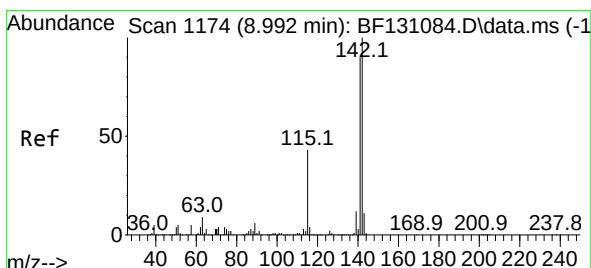
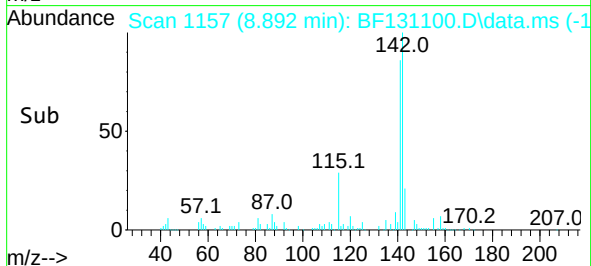
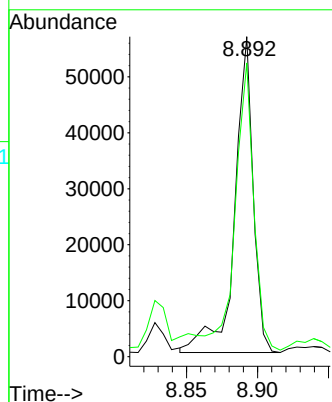
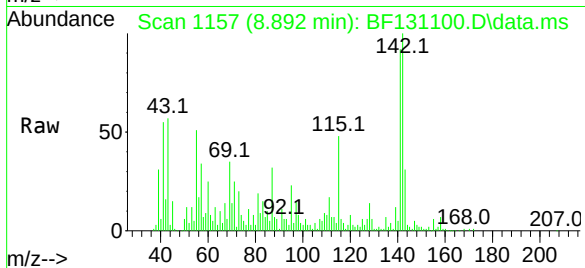
TP-2

Tgt Ion:142 Resp: 51470

Ion Ratio Lower Upper

142 100

141 91.8 72.0 108.0



#38

1-Methylnaphthalene

Concen: 4.225 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF131100.D

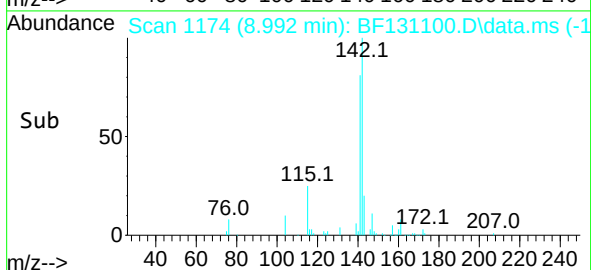
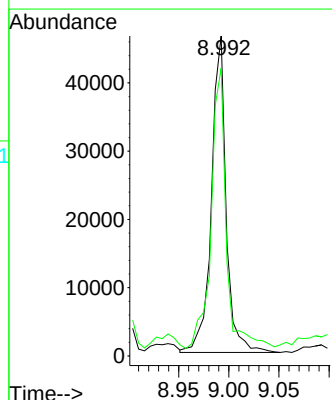
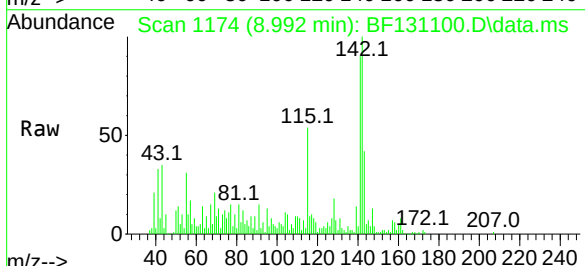
Acq: 09 Nov 2022 22:06

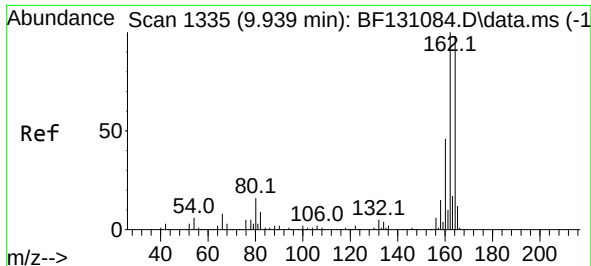
Tgt Ion:142 Resp: 47340

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2

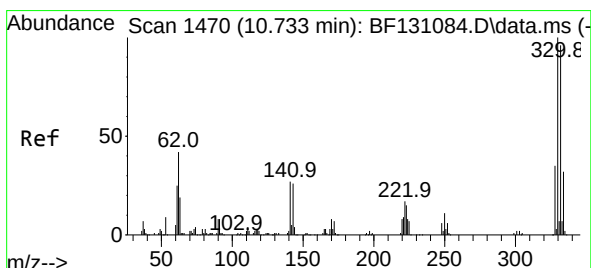
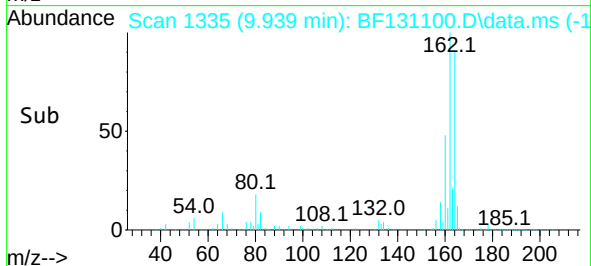
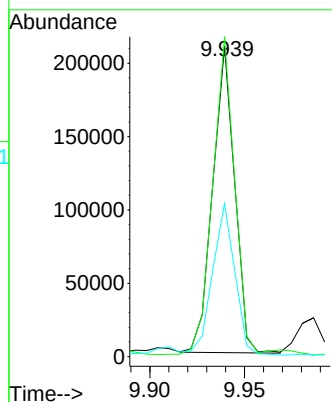
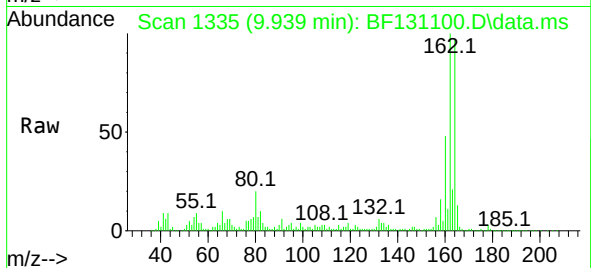
Tgt Ion:164 Resp: 168703

Ion Ratio Lower Upper

164 100

162 103.0 81.7 122.5

160 49.4 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 134.231 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

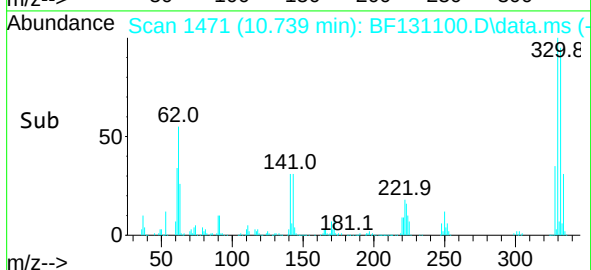
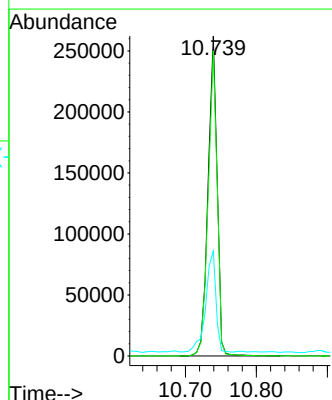
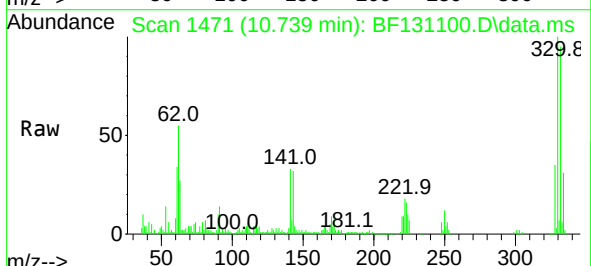
Tgt Ion:330 Resp: 234032

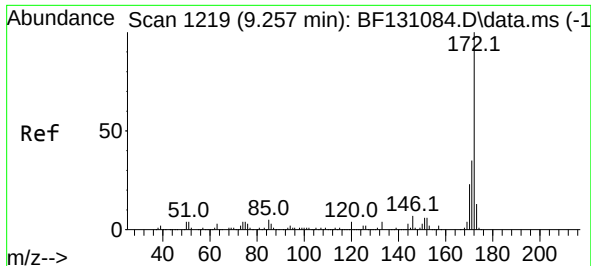
Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.4

141 35.1 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 89.884 ng

RT: 9.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2

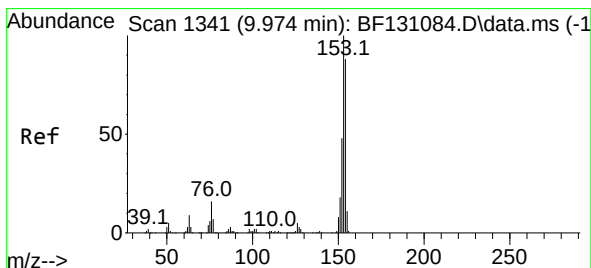
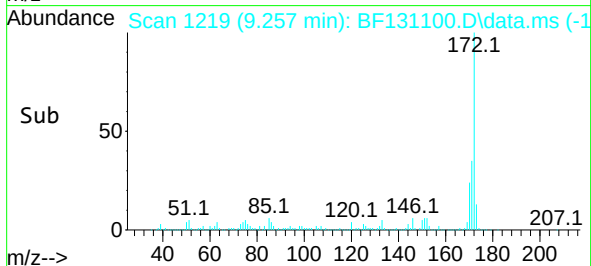
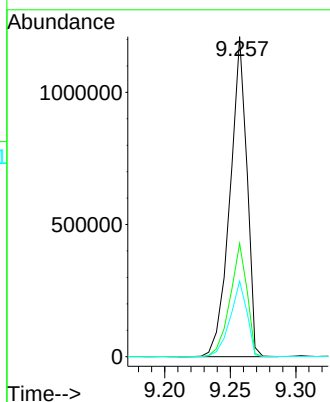
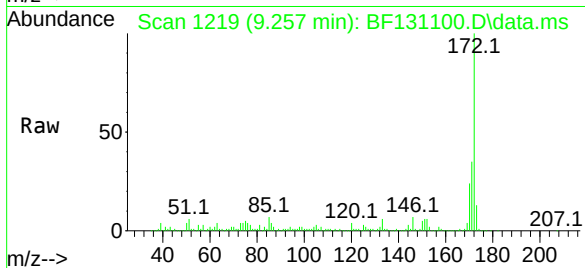
Tgt Ion:172 Resp: 1086249

Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 23.6 18.8 28.2



#52

Acenaphthene

Concen: 2.587 ng

RT: 9.969 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

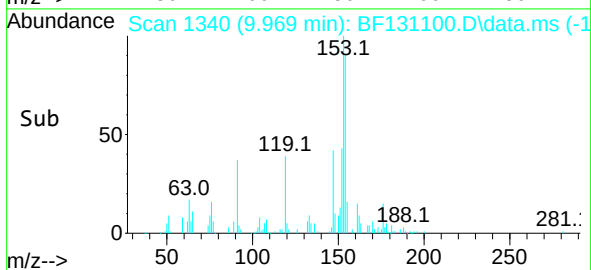
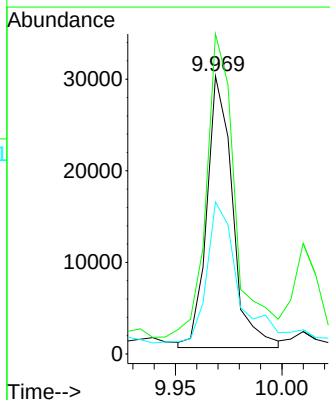
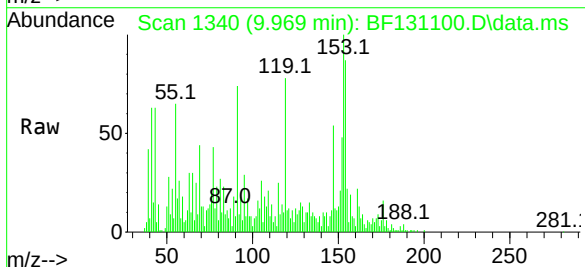
Tgt Ion:154 Resp: 24962

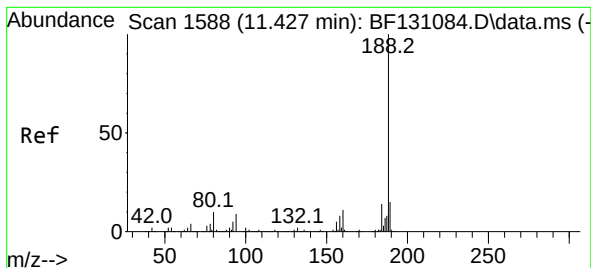
Ion Ratio Lower Upper

154 100

153 115.2 90.8 136.2

152 54.7 43.4 65.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2

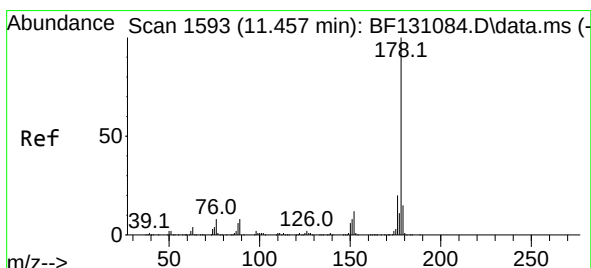
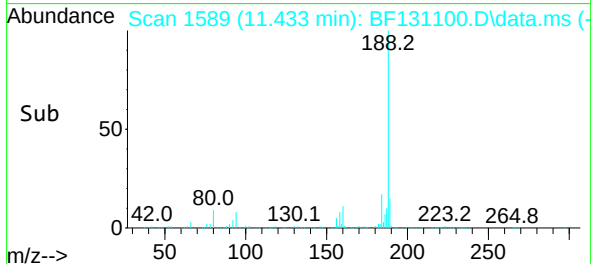
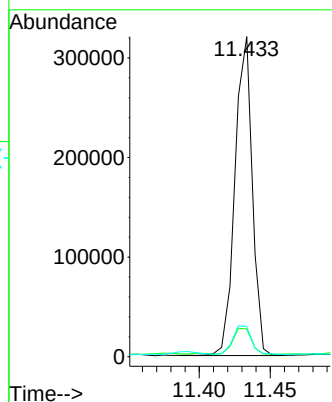
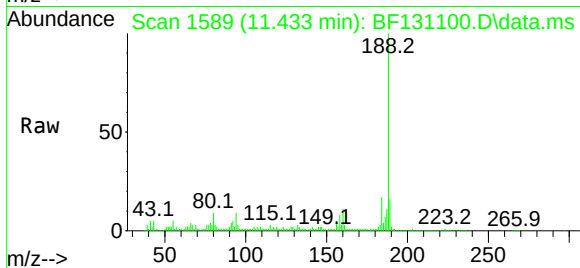
Tgt Ion:188 Resp: 271606

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.4 7.9 11.9



#71

Phenanthrene

Concen: 2.838 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

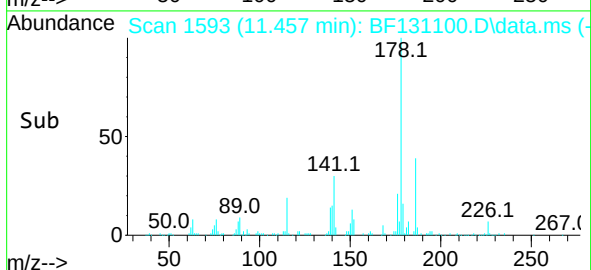
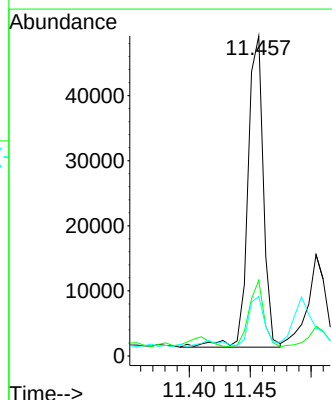
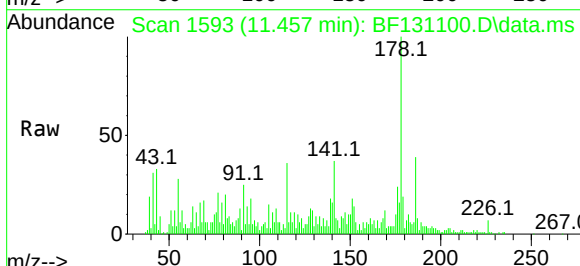
Tgt Ion:178 Resp: 42387

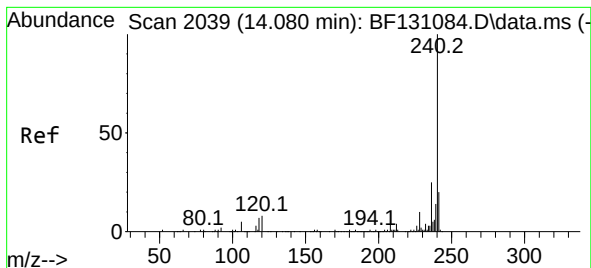
Ion Ratio Lower Upper

178 100

176 23.7 15.8 23.8

179 18.6 12.2 18.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2

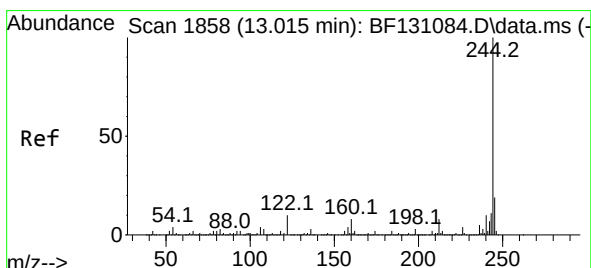
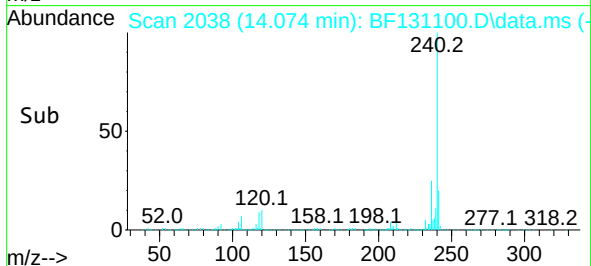
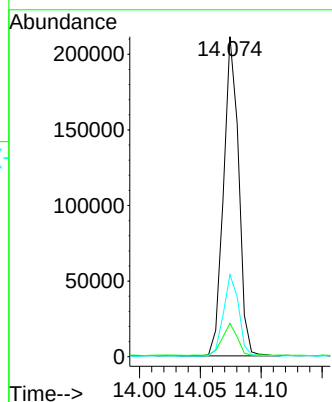
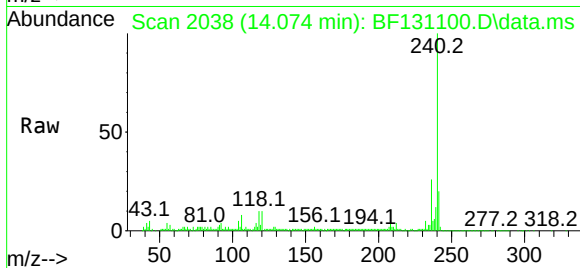
Tgt Ion:240 Resp: 182401

Ion Ratio Lower Upper

240 100

120 10.4 6.5 9.7#

236 25.6 19.7 29.5



#79

Terphenyl-d14

Concen: 88.594 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.007 min

Lab File: BF131100.D

Acq: 09 Nov 2022 22:06

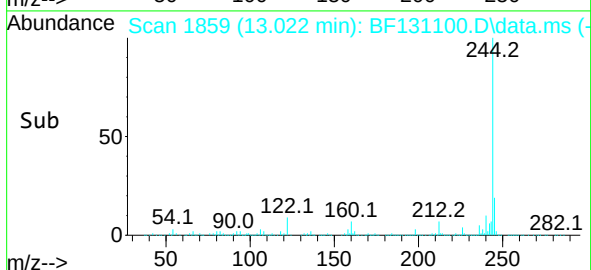
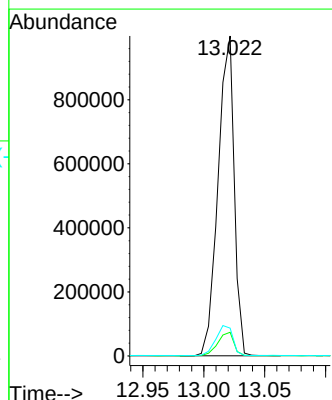
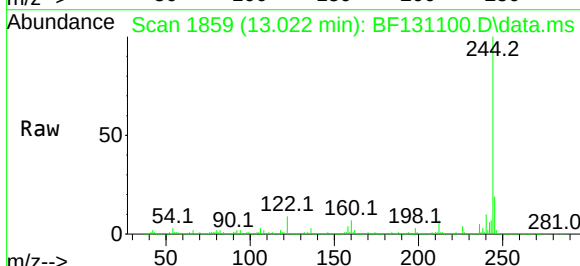
Tgt Ion:244 Resp: 921659

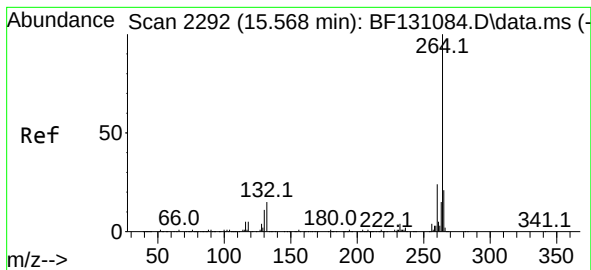
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.7 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131100.D

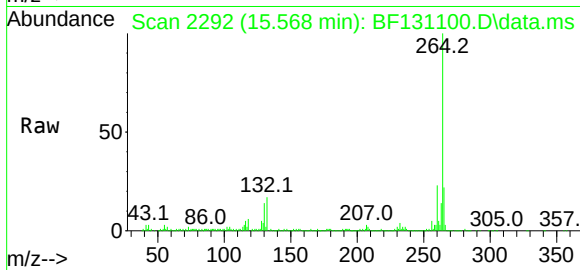
Acq: 09 Nov 2022 22:06

Instrument :

BNA_F

ClientSampleId :

TP-2



Tgt Ion:264 Resp: 190623

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 22.3 16.7 25.1

