

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131031.D
 Acq On : 05 Nov 2022 21:32
 Operator : CG\JU
 Sample : N5378-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5

Quant Time: Nov 07 00:52:20 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)

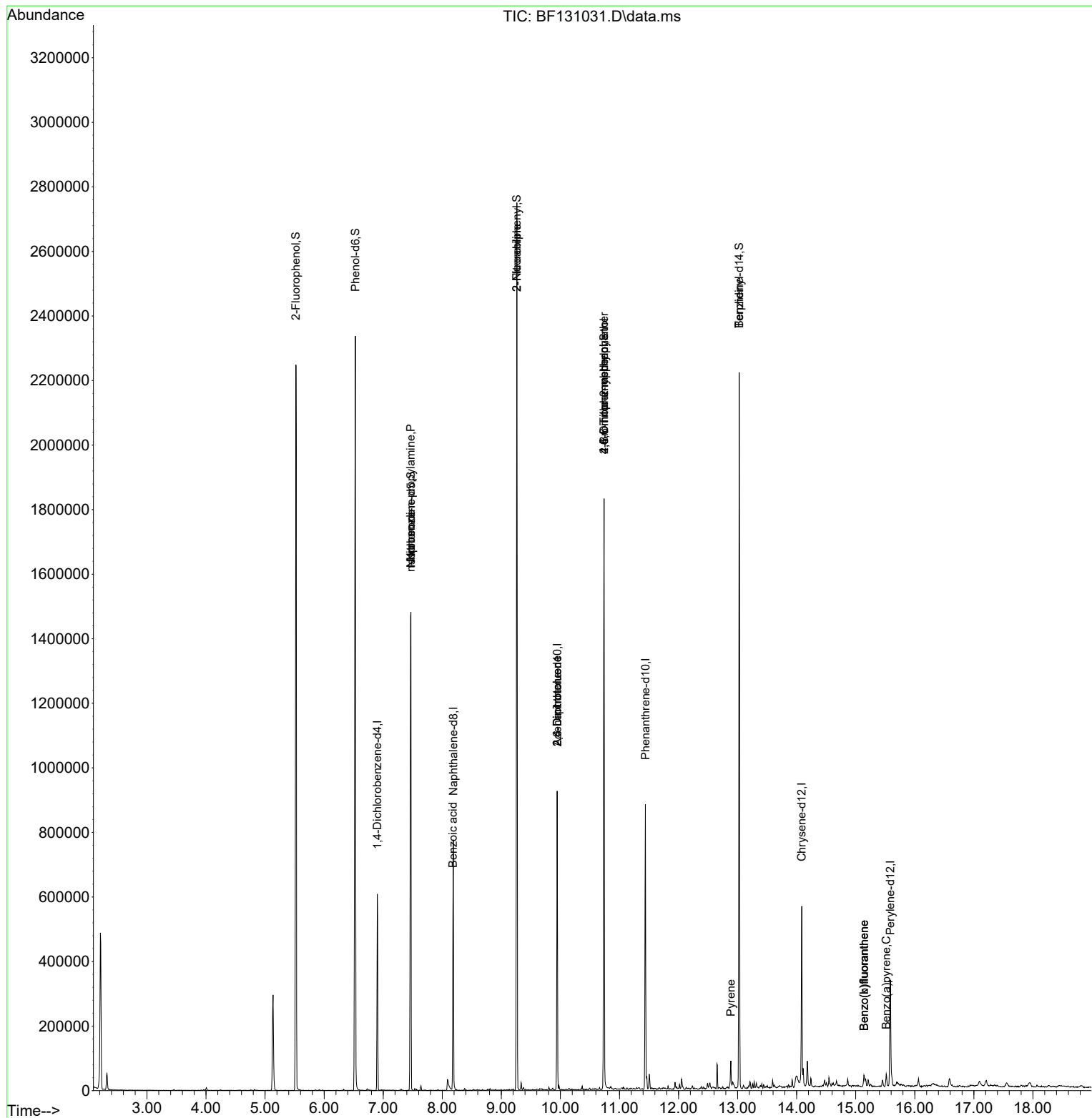
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	84296	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	309695	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	166846	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	289295	20.000	ng	0.00
76) Chrysene-d12	14.086	240	167513	20.000	ng	0.00
86) Perylene-d12	15.586	264	140276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	609156	125.278	ng	0.00
7) Phenol-d6	6.528	99	773413	122.400	ng	0.00
23) Nitrobenzene-d5	7.469	82	519794	101.206	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	195360	139.095	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	809648	73.367	ng	0.00
79) Terphenyl-d14	13.027	244	733985	80.292	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	70461	16.389	ng	# 76
25) Isophorone	7.469	82	519787	49.078	ng	# 66
32) Benzoic acid	8.181	122	65	7.697	ng	# 1
48) 2-Nitroaniline	9.263	65	1543	4.607	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	21898	12.257	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	21898	11.089	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.739	198	599	8.342	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	12998	4.468	ng	# 1
77) Benzidine	13.027	184	11155	2.743	ng	# 95
78) Pyrene	12.886	202	33370	2.361	ng	97
88) Benzo(b)fluoranthene	15.139	252	20350	2.244	ng	95
89) Benzo(k)fluoranthene	15.139	252	20350	2.303	ng	95
90) Benzo(a)pyrene	15.516	252	17744	2.434	ng	98

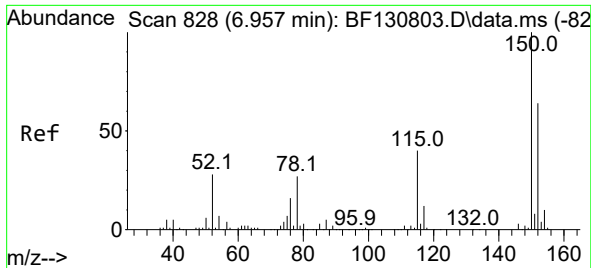
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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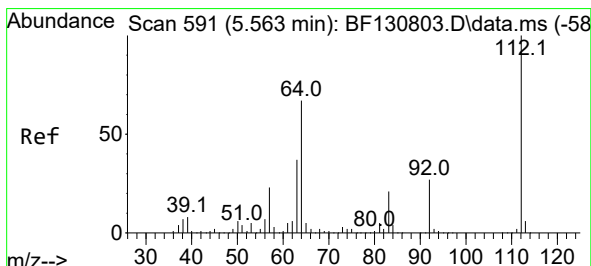
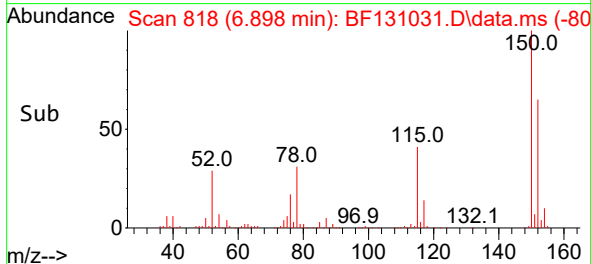
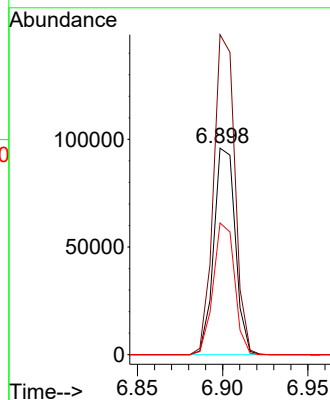
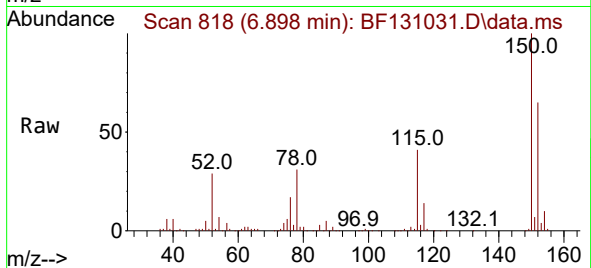




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

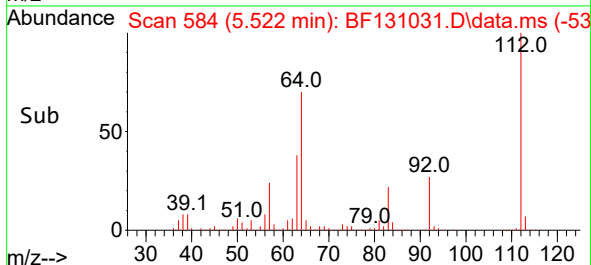
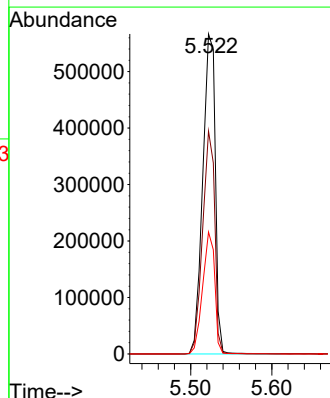
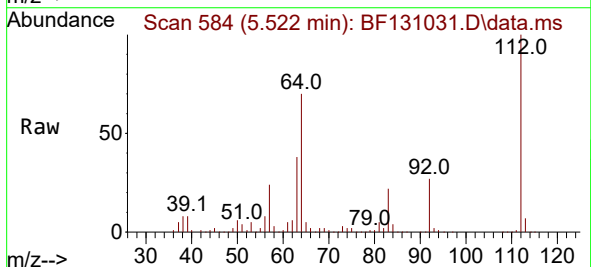
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

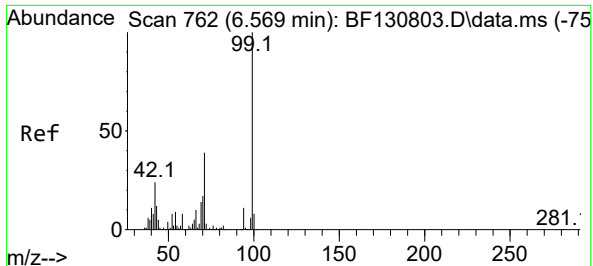
Tgt Ion:152 Resp: 84296
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 63.7 50.1 75.1



#5
2-Fluorophenol
Concen: 125.278 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:112 Resp: 609156
Ion Ratio Lower Upper
112 100
64 69.6 53.9 80.9
63 38.1 29.4 44.2

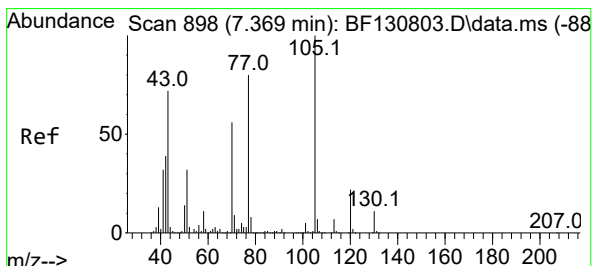
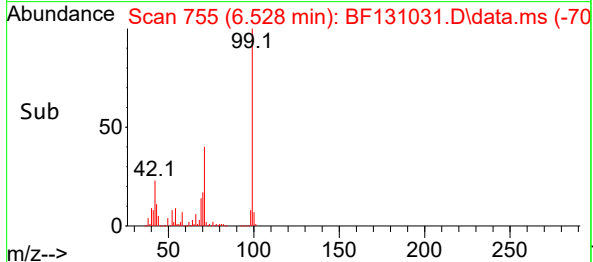
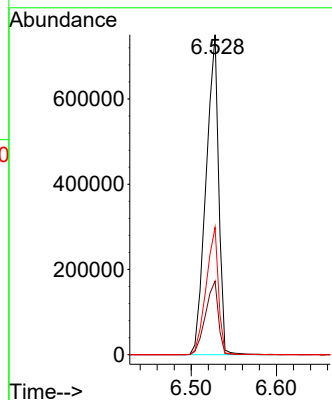
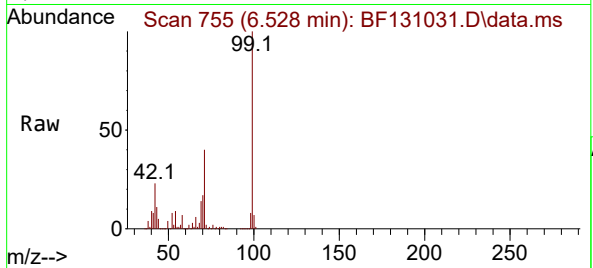




#7
Phenol-d6
Concen: 122.400 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

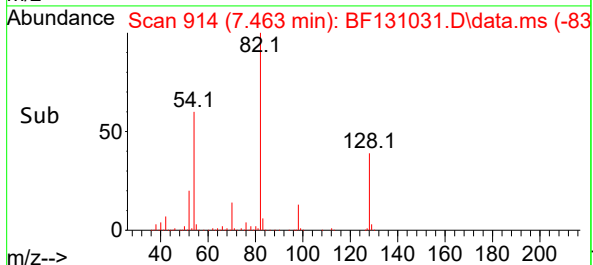
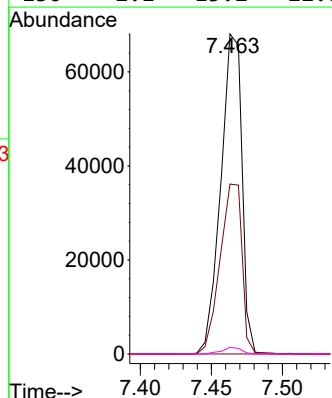
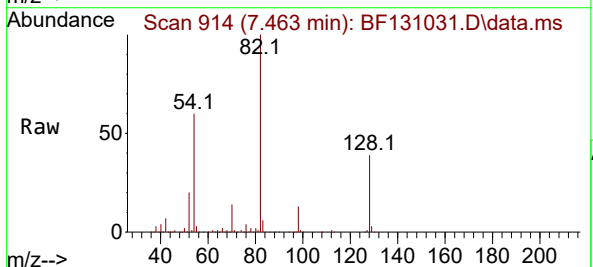
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

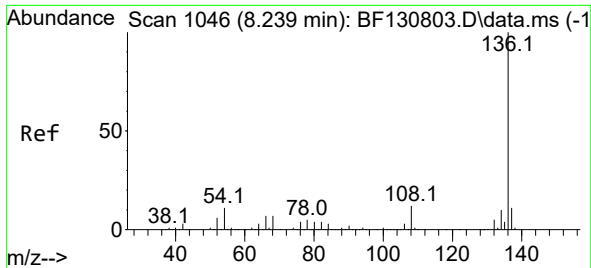
Tgt Ion: 99 Resp: 773413
Ion Ratio Lower Upper
99 100
42 23.0 18.8 28.2
71 39.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.389 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion: 70 Resp: 70461
Ion Ratio Lower Upper
70 100
42 53.1 56.1 84.1#
101 0.0 7.3 10.9#
130 2.1 15.2 22.8#

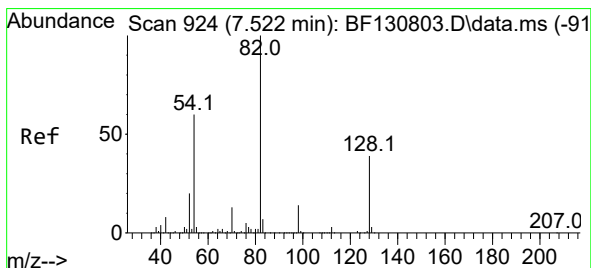
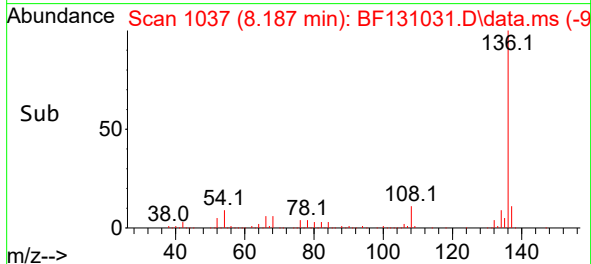
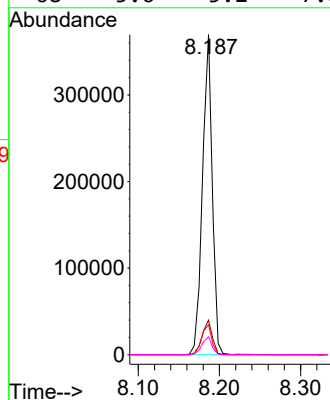
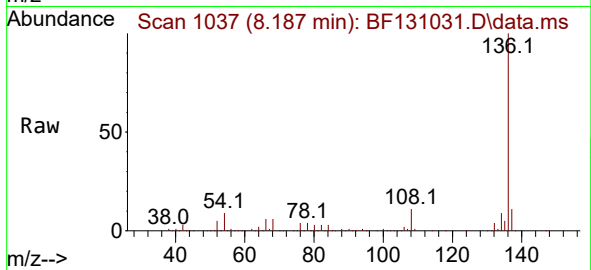




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

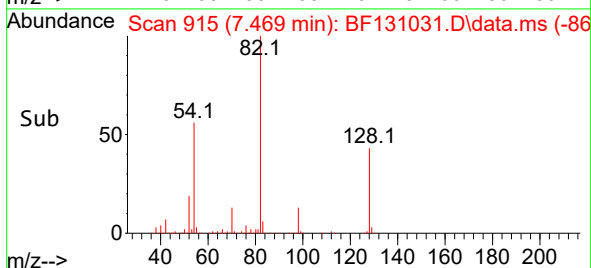
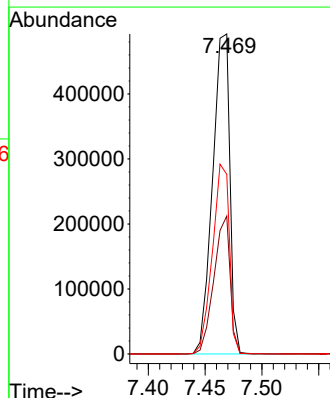
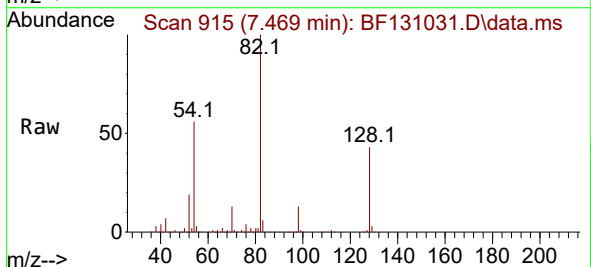
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

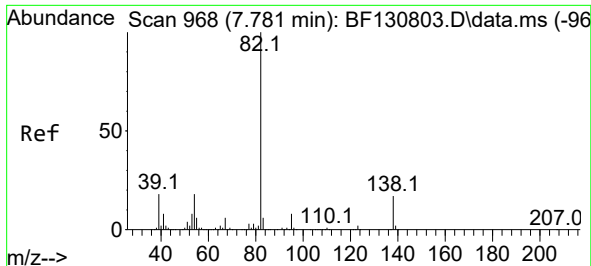
Tgt Ion:136	Resp: 309695
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 9.3	8.8 13.2
68 5.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 101.206 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion: 82	Resp: 519794
Ion Ratio	Lower Upper
82 100	
128 43.1	31.2 46.8
54 56.1	48.0 72.0

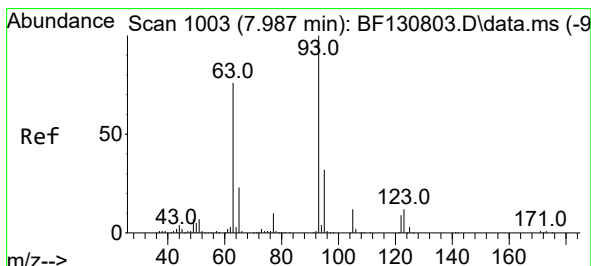
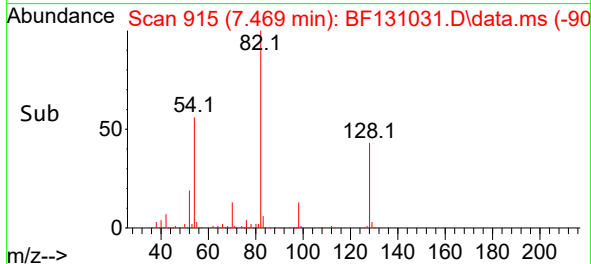
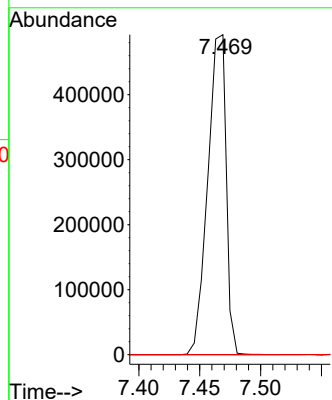
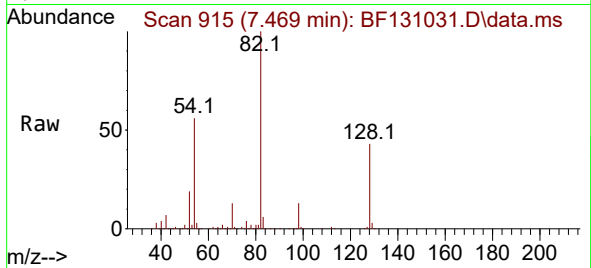




#25
Isophorone
Concen: 49.078 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

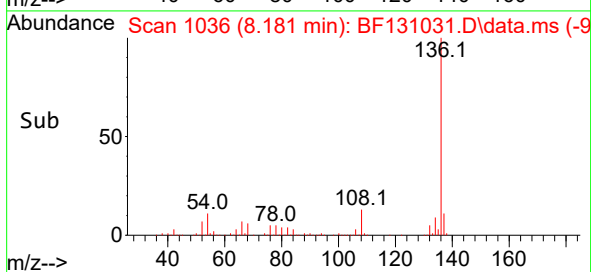
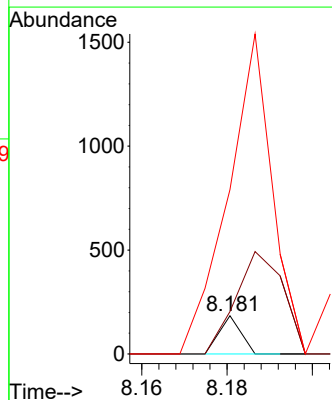
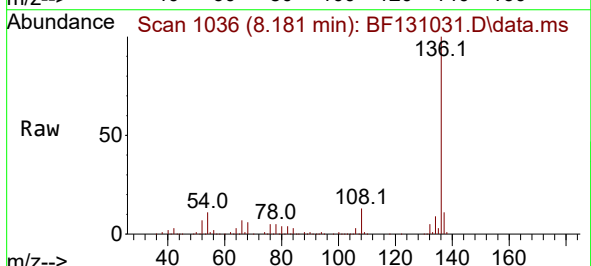
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

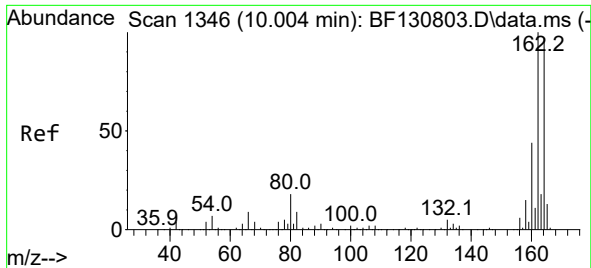
Tgt Ion: 82 Resp: 519787
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.697 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.224 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
105 110.9 114.5 154.5#
77 429.9 89.8 129.8#

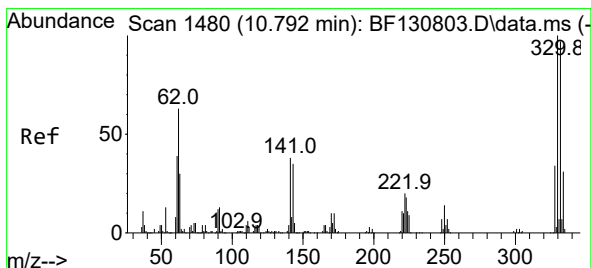
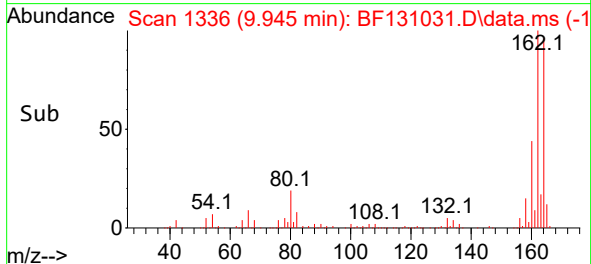
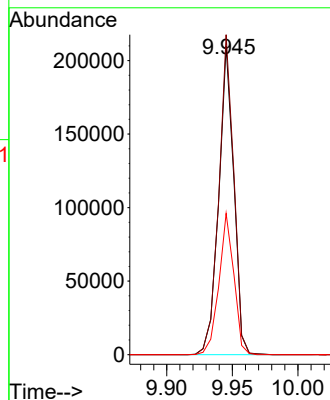
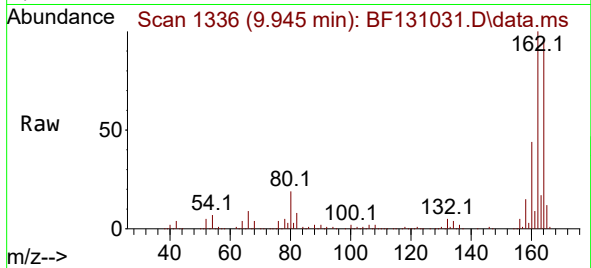




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

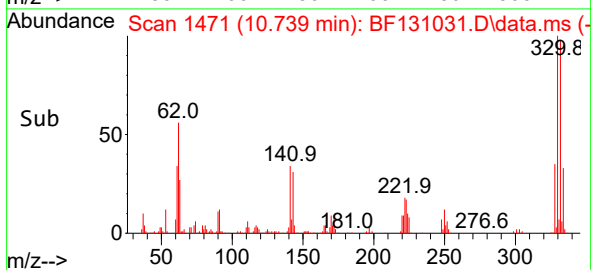
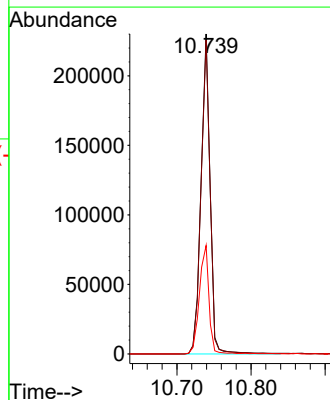
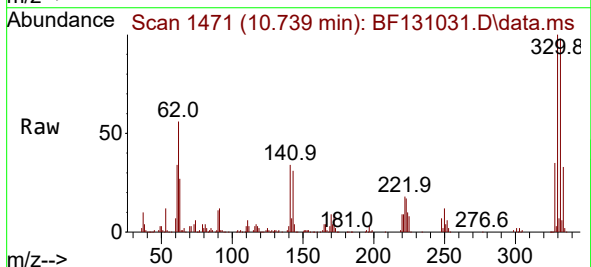
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

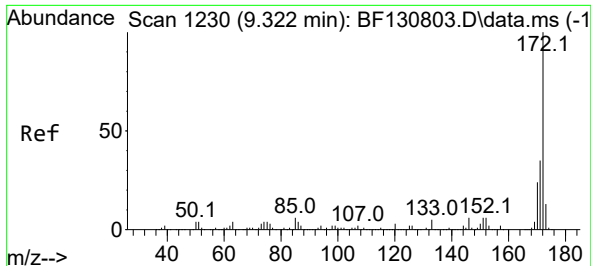
Tgt Ion:164 Resp: 166846
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 45.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.095 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:330 Resp: 195360
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 35.8 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 73.367 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5

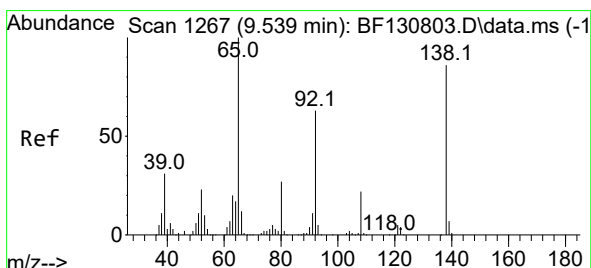
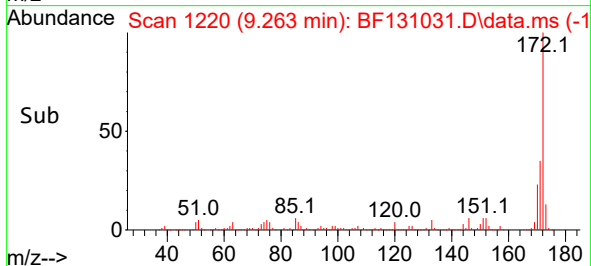
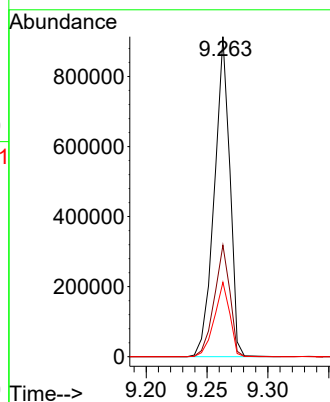
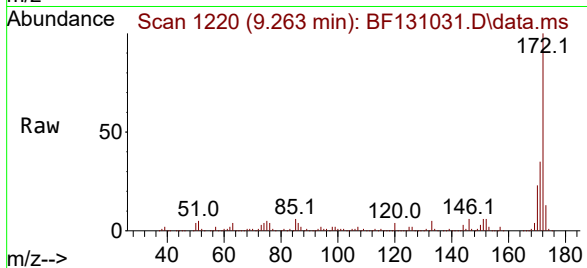
Tgt Ion:172 Resp: 809648

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 19.0 28.4



#48

2-Nitroaniline

Concen: 4.607 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.229 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

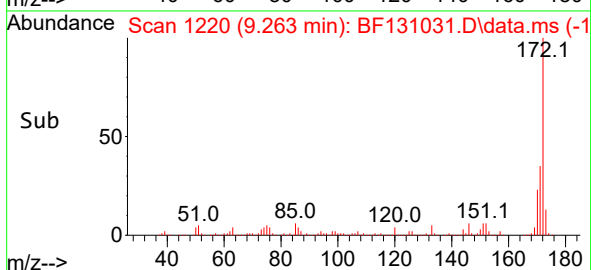
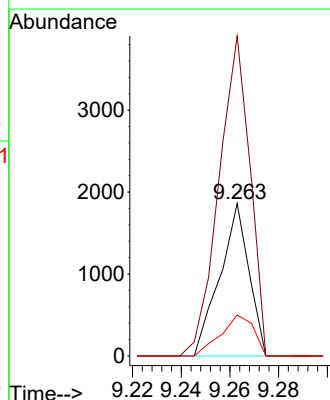
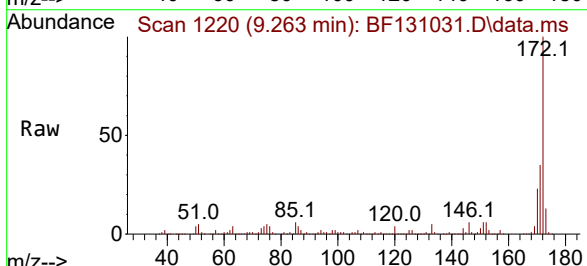
Tgt Ion: 65 Resp: 1543

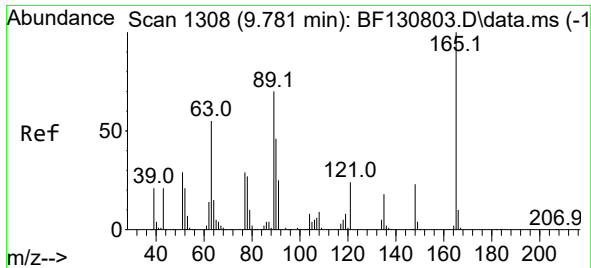
Ion Ratio Lower Upper

65 100

92 209.8 50.1 75.1#

138 26.9 69.2 103.8#

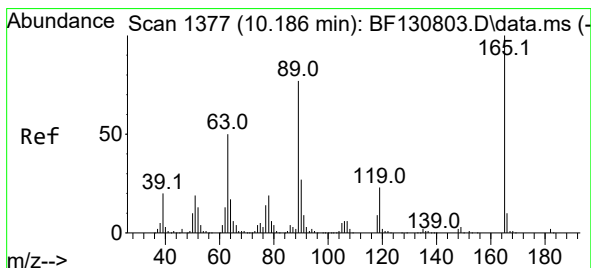
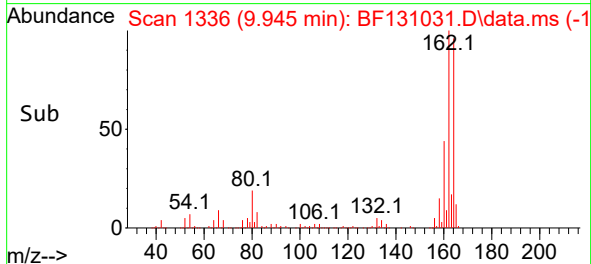
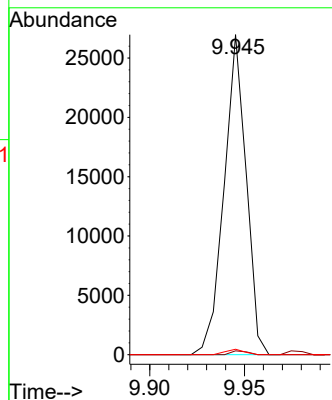
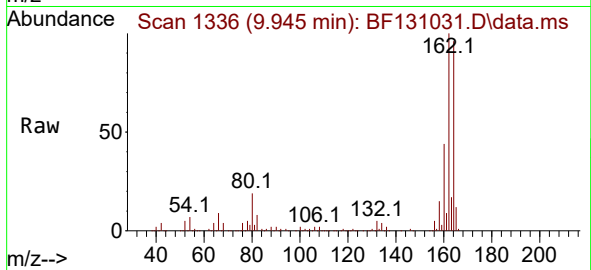




#51
 2,6-Dinitrotoluene
 Concen: 12.257 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. 0.212 min
 Lab File: BF131031.D
 Acq: 05 Nov 2022 21:32

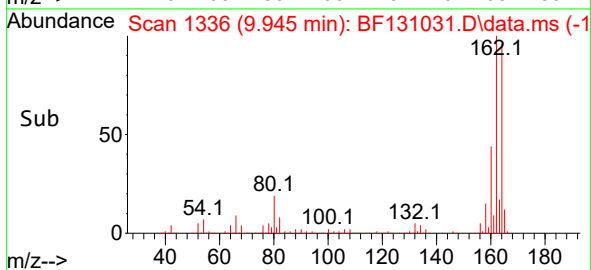
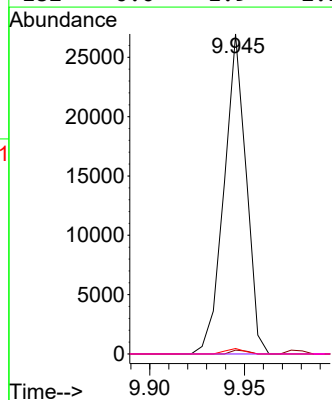
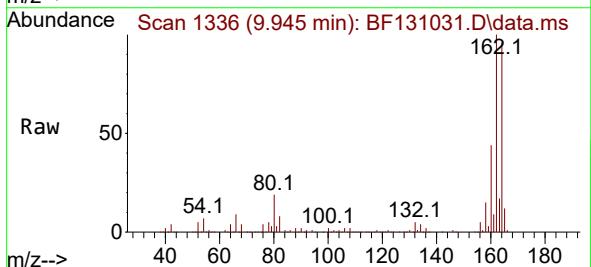
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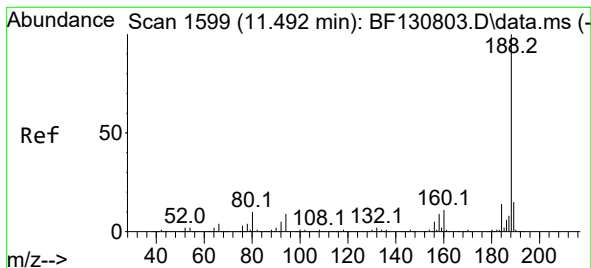
Tgt Ion:165 Resp: 21898
 Ion Ratio Lower Upper
 165 100
 63 1.2 61.8 92.8#
 89 1.7 56.2 84.4#



#57
 2,4-Dinitrotoluene
 Concen: 11.089 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.194 min
 Lab File: BF131031.D
 Acq: 05 Nov 2022 21:32

Tgt Ion:165 Resp: 21898
 Ion Ratio Lower Upper
 165 100
 63 1.2 39.8 59.6#
 89 1.7 61.9 92.9#
 182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5

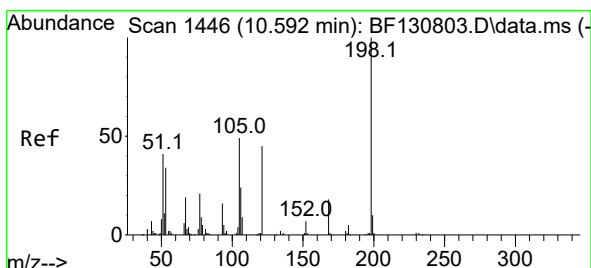
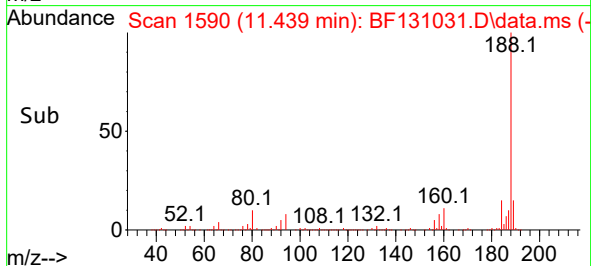
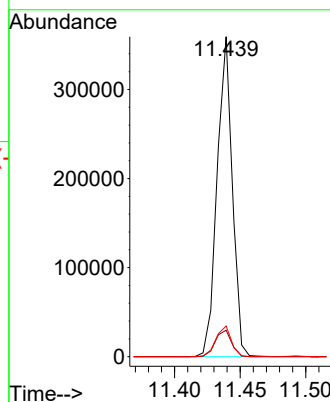
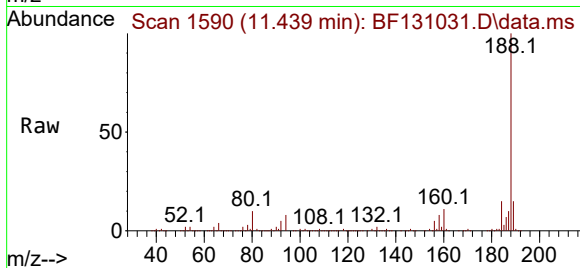
Tgt Ion:188 Resp: 289295

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 9.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.342 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.188 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

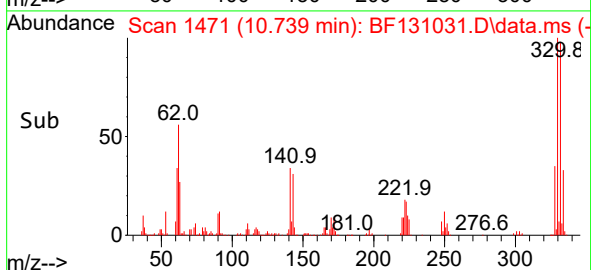
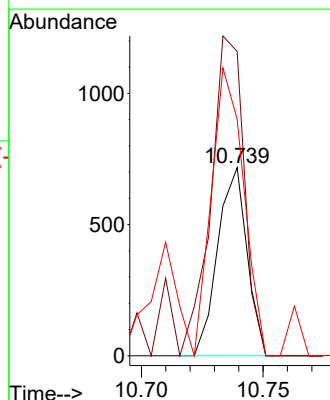
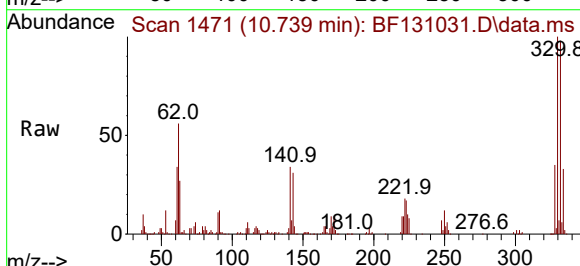
Tgt Ion:198 Resp: 599

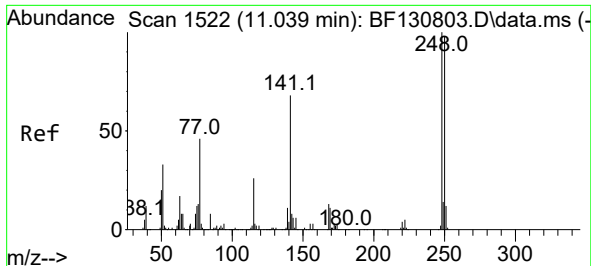
Ion Ratio Lower Upper

198 100

51 161.8 39.0 79.0#

105 125.8 30.6 70.6#

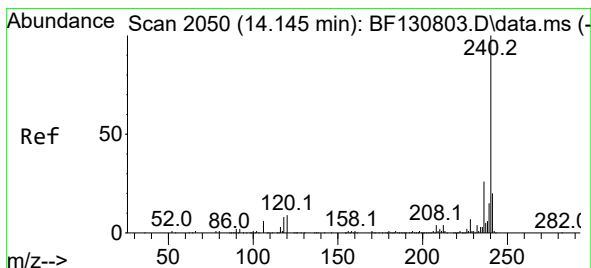
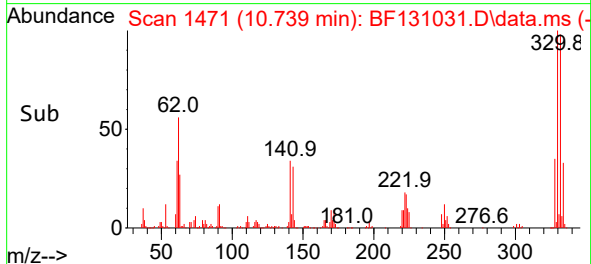
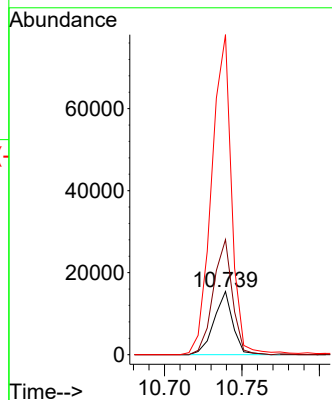
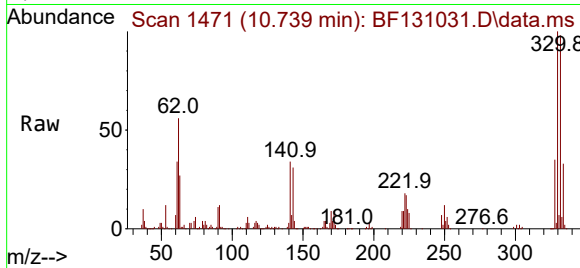




#67
4-Bromophenyl-phenylether
Concen: 4.468 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

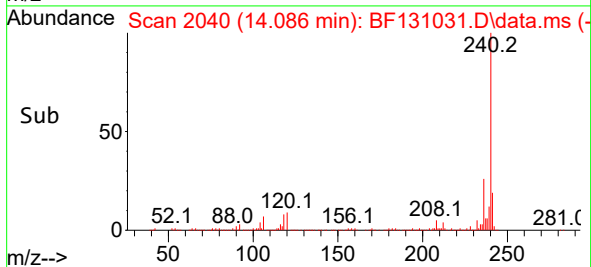
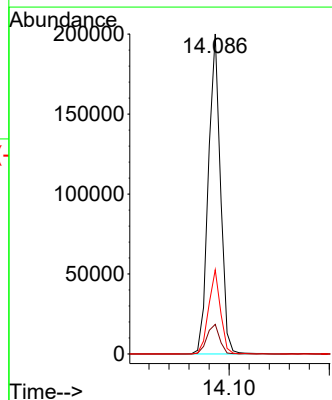
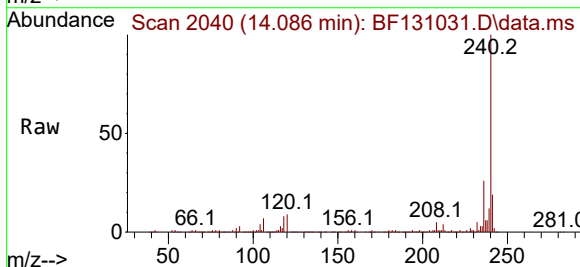
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

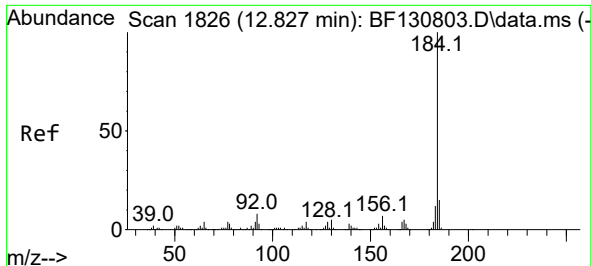
Tgt Ion:248 Resp: 12998
Ion Ratio Lower Upper
248 100
250 182.0 78.6 117.8#
141 505.8 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:240 Resp: 167513
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.3 20.5 30.7

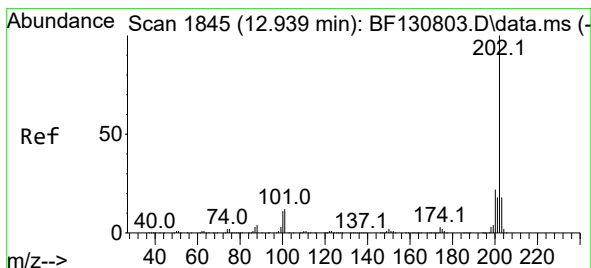
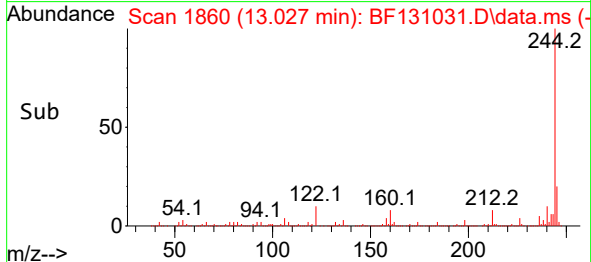
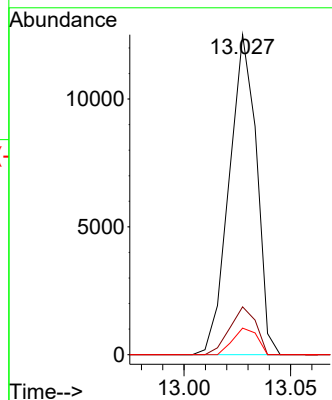
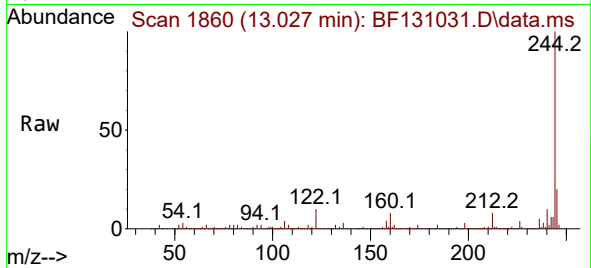




#77
Benzidine
Concen: 2.743 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

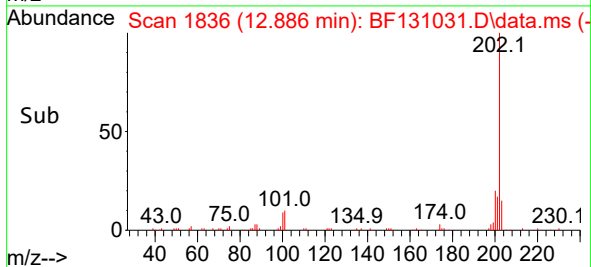
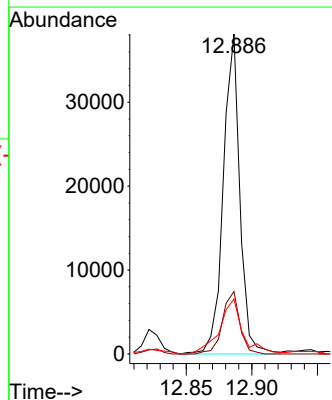
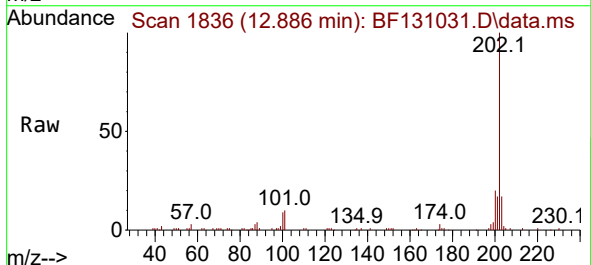
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

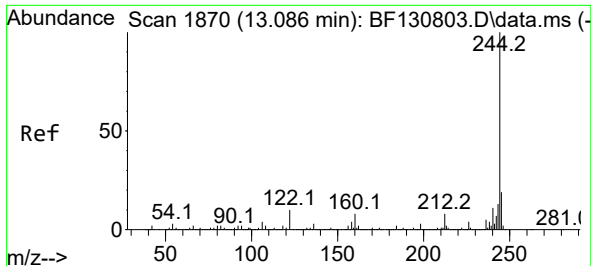
Tgt Ion:184 Resp: 11155
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 8.3 9.7 14.5#



#78
Pyrene
Concen: 2.361 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:202 Resp: 33370
Ion Ratio Lower Upper
202 100
200 19.5 17.2 25.8
203 17.1 14.5 21.7

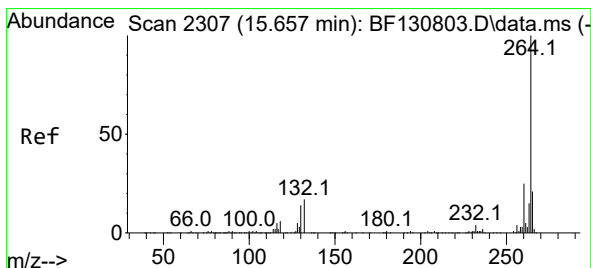
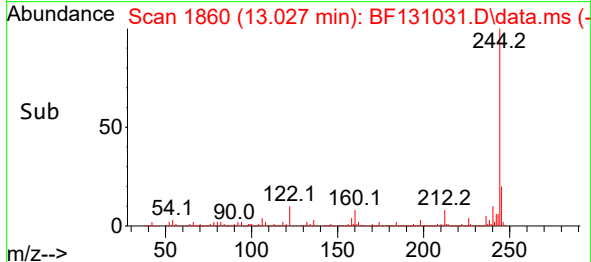
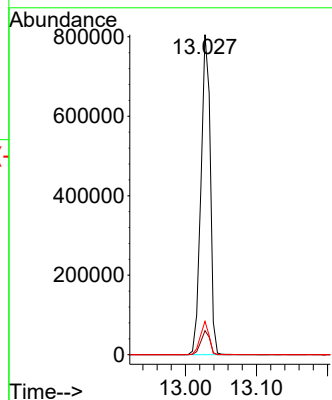
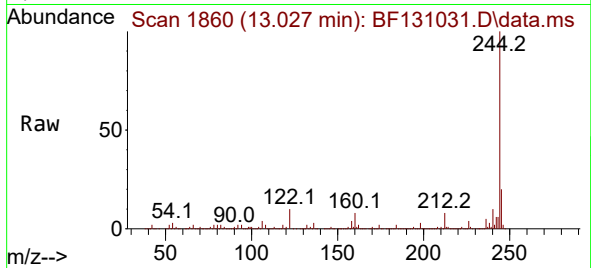




#79
 Terphenyl-d14
 Concen: 80.292 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131031.D
 Acq: 05 Nov 2022 21:32

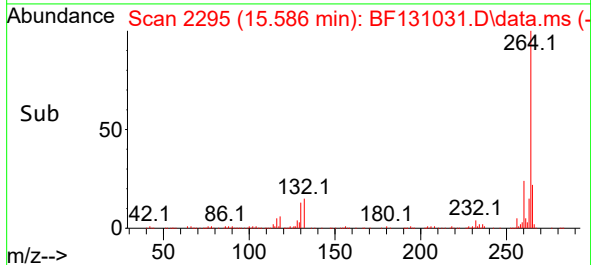
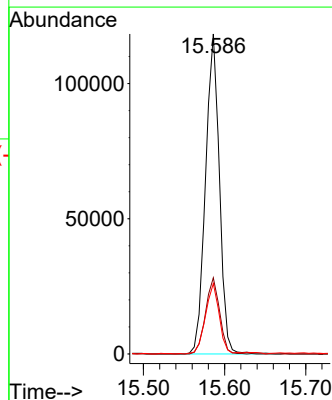
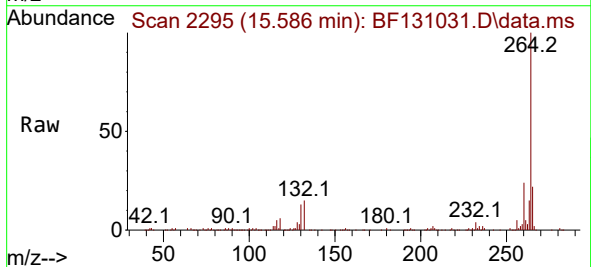
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5

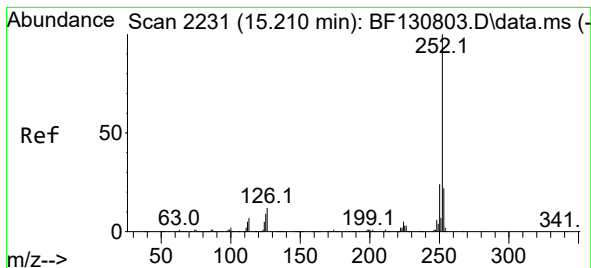
Tgt Ion:244 Resp: 733985
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131031.D
 Acq: 05 Nov 2022 21:32

Tgt Ion:264 Resp: 140276
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 22.0 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.244 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.012 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5

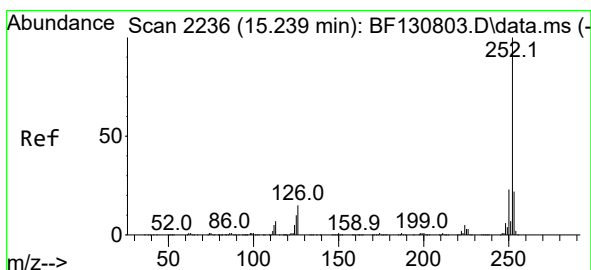
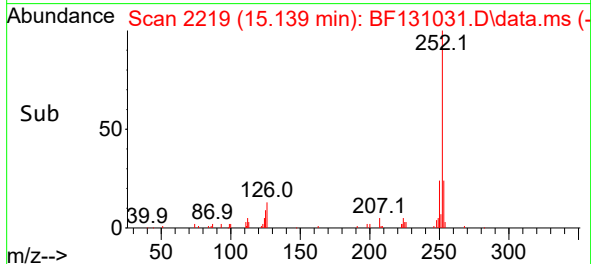
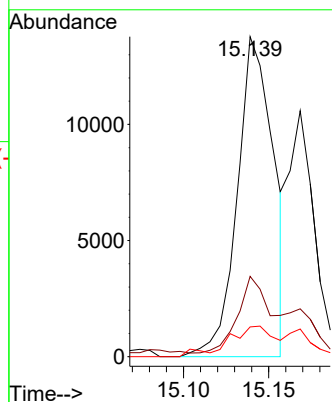
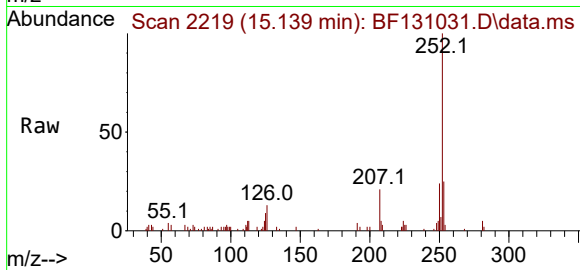
Tgt Ion:252 Resp: 20350

Ion Ratio Lower Upper

252 100

253 25.1 17.5 26.3

125 9.3 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 2.303 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.041 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

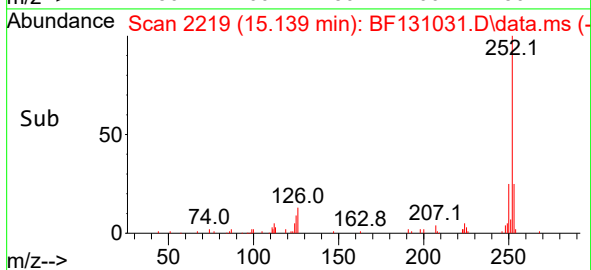
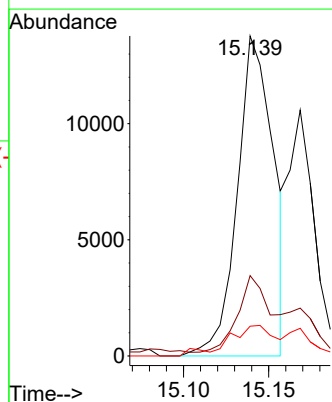
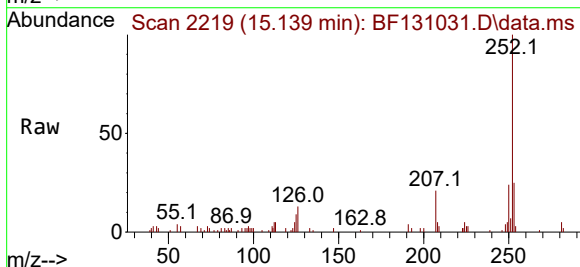
Tgt Ion:252 Resp: 20350

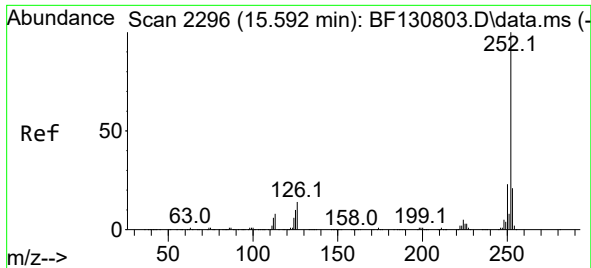
Ion Ratio Lower Upper

252 100

253 25.1 17.5 26.3

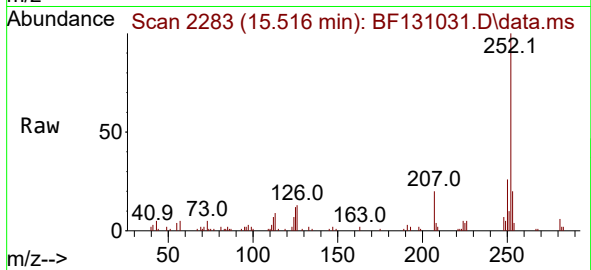
125 9.3 8.0 12.0





#90
 Benzo(a)pyrene
 Concen: 2.434 ng
 RT: 15.516 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131031.D
 Acq: 05 Nov 2022 21:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5



Tgt Ion:252 Resp: 17744
 Ion Ratio Lower Upper
 252 100
 253 20.3 16.8 25.2
 125 12.0 8.3 12.5

