

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131690.D
 Acq On : 19 Dec 2022 15:51
 Operator : CG\JU
 Sample : N6065-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Quant Time: Dec 20 01:04:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

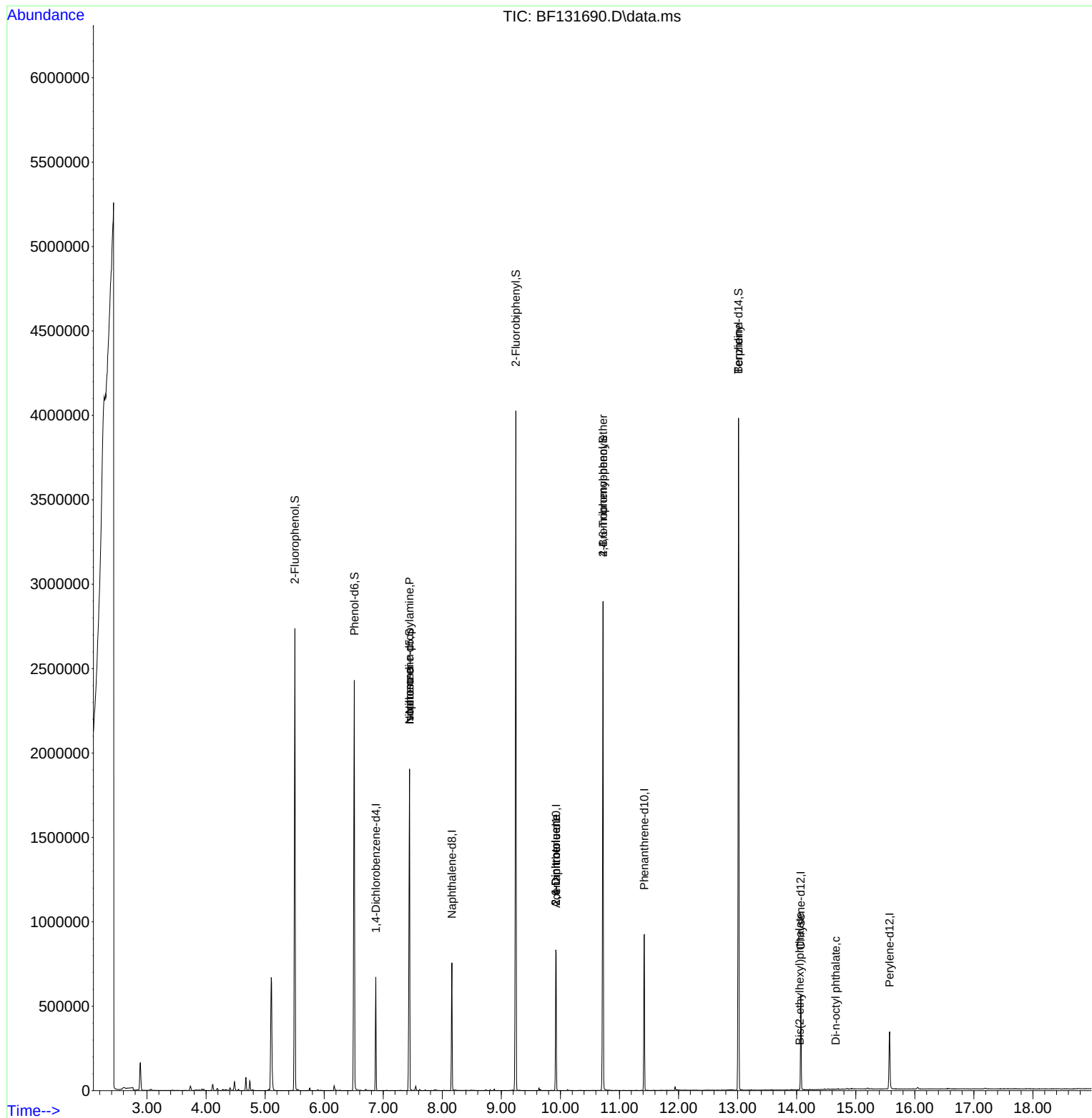
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83025	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	302122	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	178313	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	352176	20.000	ng	0.00
76) Chrysene-d12	14.068	240	181904	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	165232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	700500	140.757	ng	0.02
7) Phenol-d6	6.510	99	844651	129.517	ng	0.00
23) Nitrobenzene-d5	7.445	82	685357	85.764	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	310591	156.776	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1197569	84.682	ng	0.00
79) Terphenyl-d14	13.016	244	1441821	108.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	94360	19.296	ng	# 75
25) Isophorone	7.445	82	683077	53.067	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	22243	7.926	ng	# 10
57) 2,4-Dinitrotoluene	9.922	165	22243	5.975	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	20897	4.613	ng	# 1
77) Benzidine	13.016	184	22005	4.515	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.051	149	879	3.149	ng	# 87
85) Di-n-octyl phthalate	14.663	149	207	5.235	ng	# 58

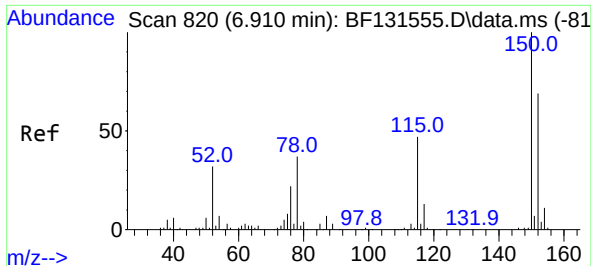
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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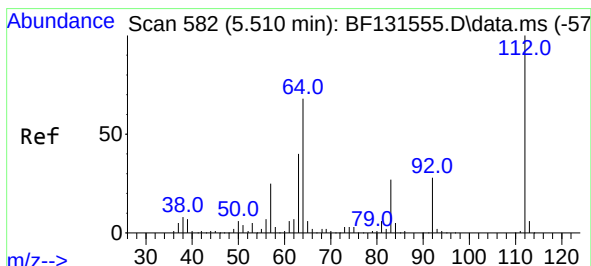
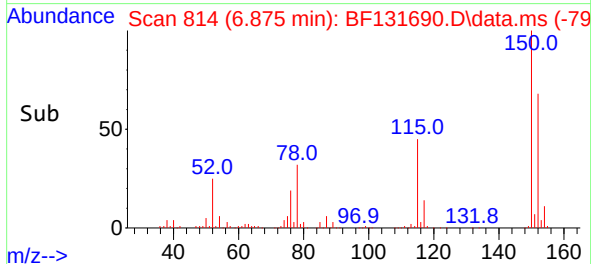
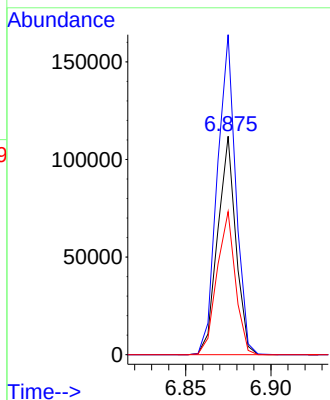
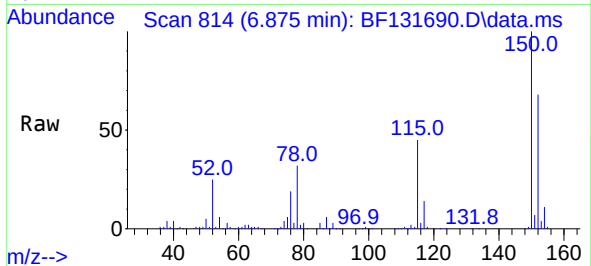




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

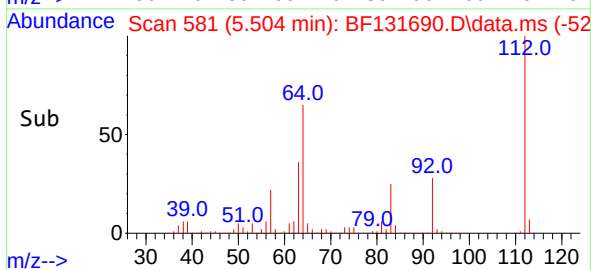
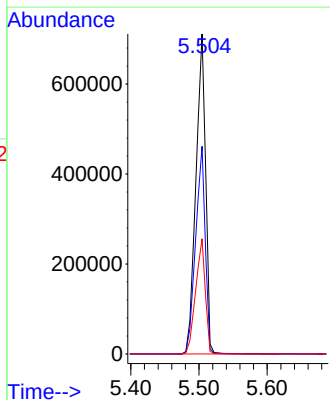
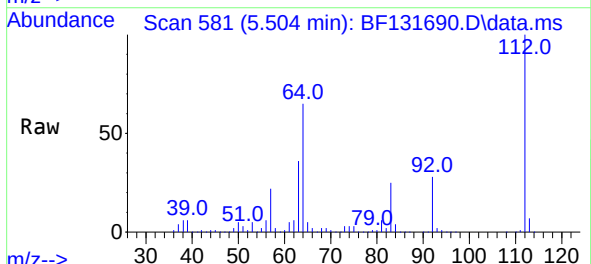
Instrument :
BNA_F
ClientSampleId :
MH-23

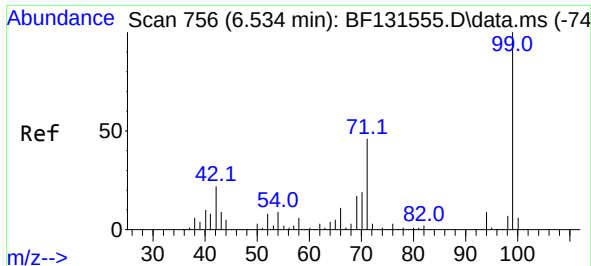
Tgt Ion:152 Resp: 83025
Ion Ratio Lower Upper
152 100
150 146.5 116.7 175.1
115 65.5 54.6 82.0



#5
2-Fluorophenol
Concen: 140.757 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:112 Resp: 700500
Ion Ratio Lower Upper
112 100
64 64.9 54.5 81.7
63 36.0 31.9 47.9

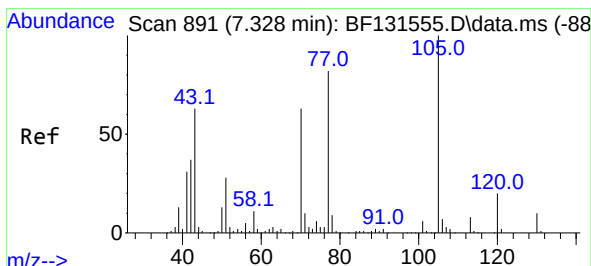
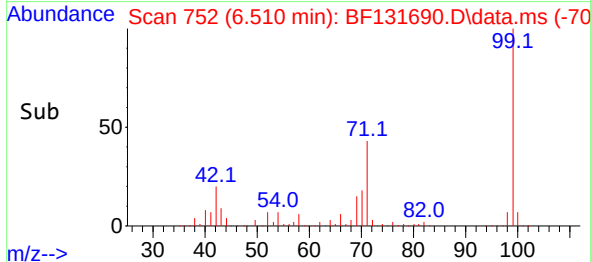
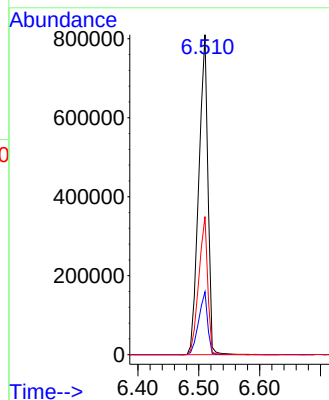
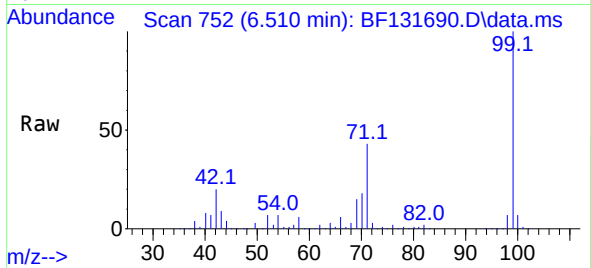




#7
Phenol-d6
Concen: 129.517 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

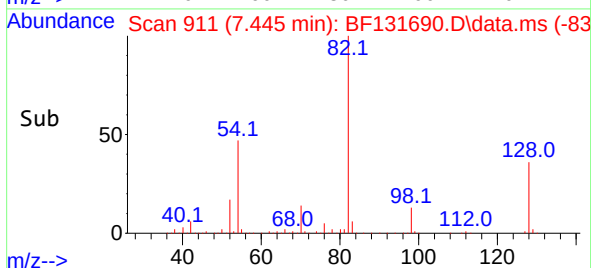
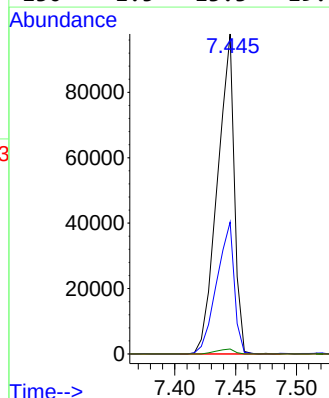
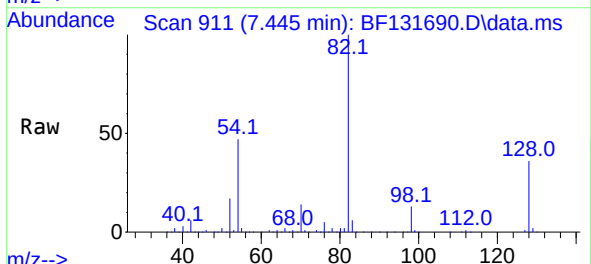
Instrument :
BNA_F
ClientSampleId :
MH-23

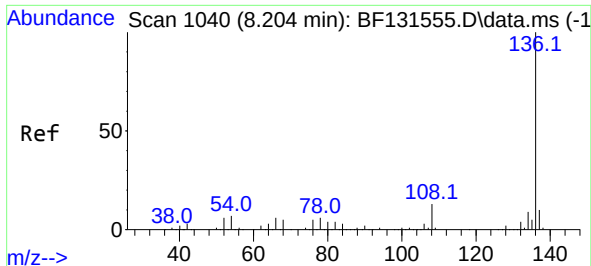
Tgt Ion: 99 Resp: 844651
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 43.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.296 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion: 70 Resp: 94360
Ion Ratio Lower Upper
70 100
42 41.2 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MH-23

Tgt Ion:136 Resp: 302122

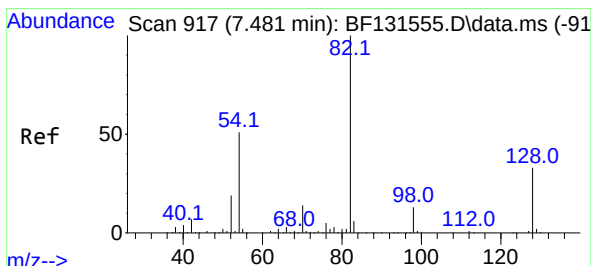
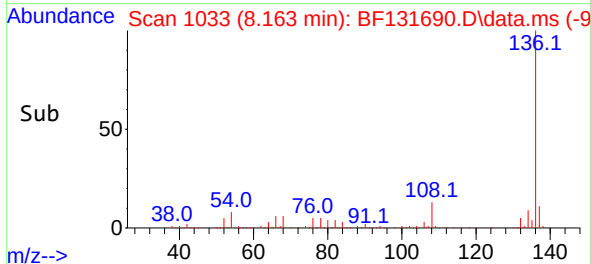
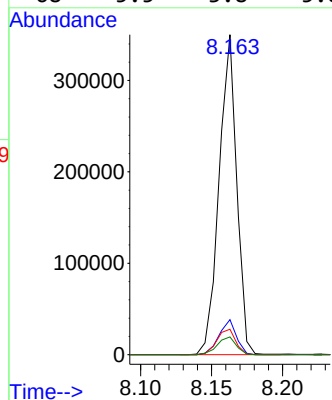
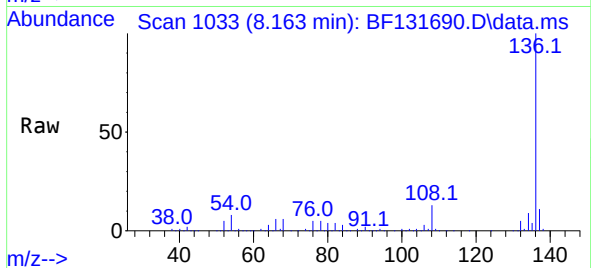
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.0 6.0 9.0

68 5.5 3.8 5.8



#23

Nitrobenzene-d5

Concen: 85.764 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

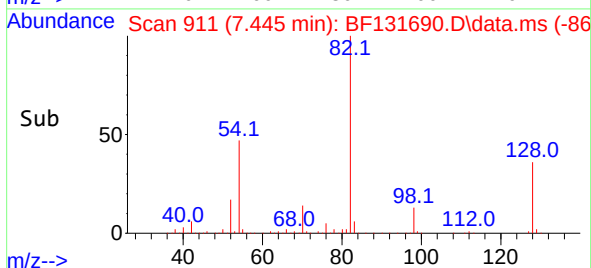
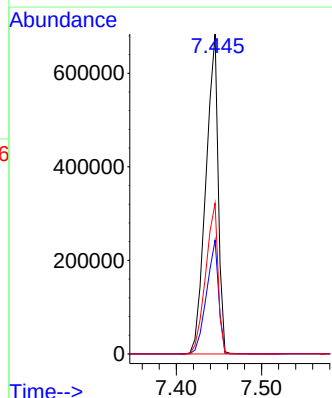
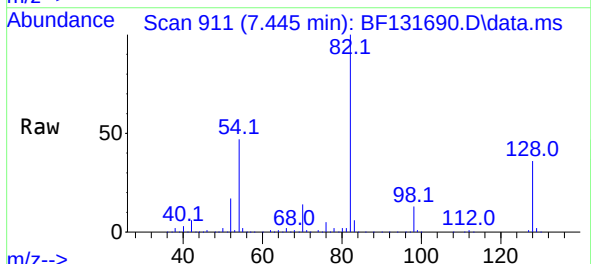
Tgt Ion: 82 Resp: 685357

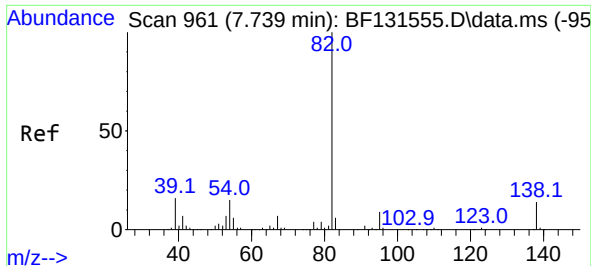
Ion Ratio Lower Upper

82 100

128 35.6 26.1 39.1

54 47.1 40.6 60.8

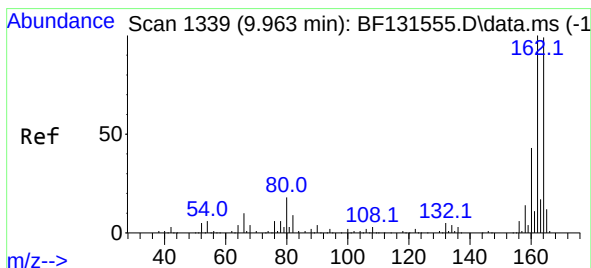
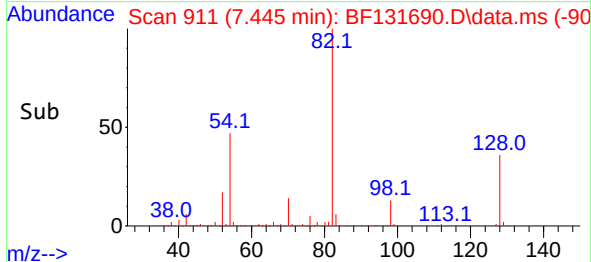
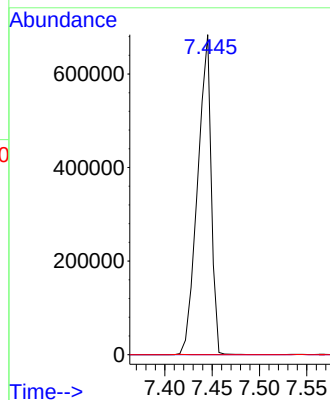
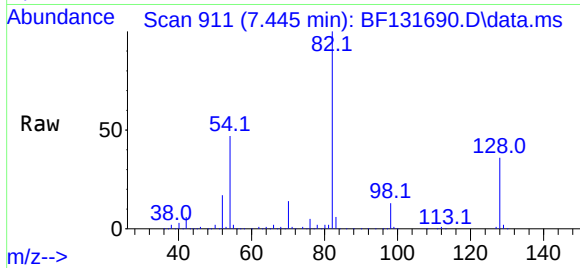




#25
Isophorone
Concen: 53.067 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

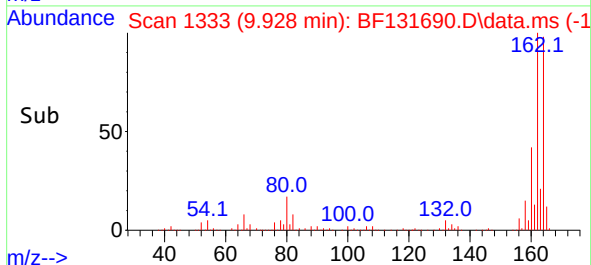
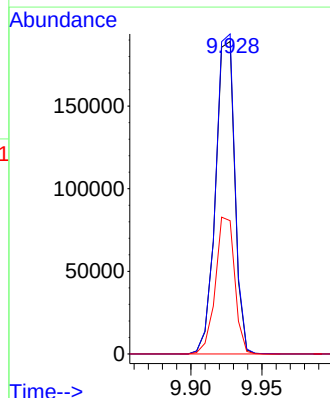
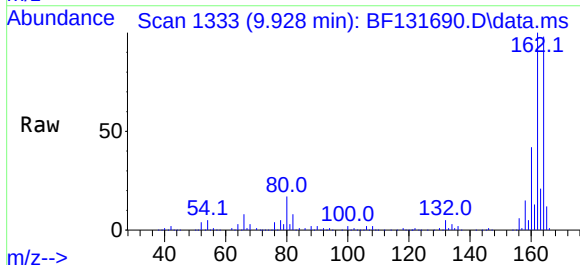
Instrument :
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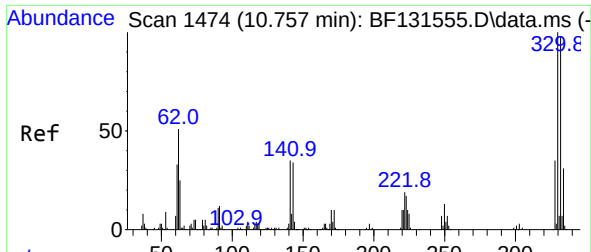
Tgt Ion: 82 Resp: 683077
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:164 Resp: 178313
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 42.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 156.776 ng

RT: 10.722 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MH-23

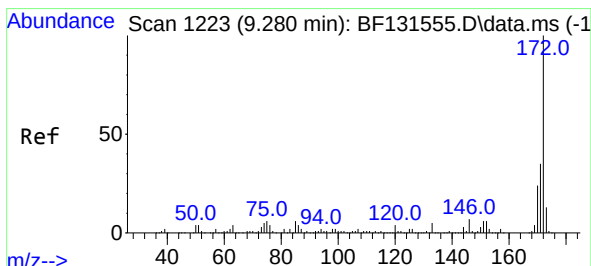
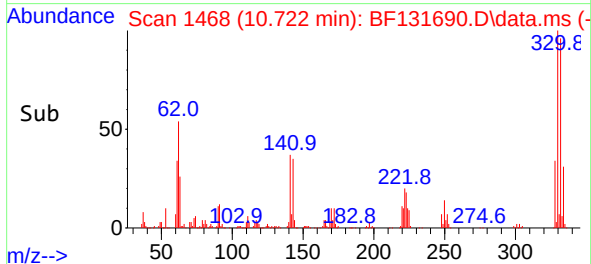
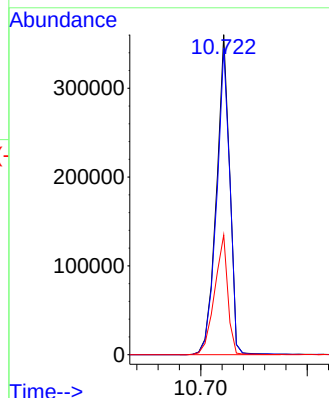
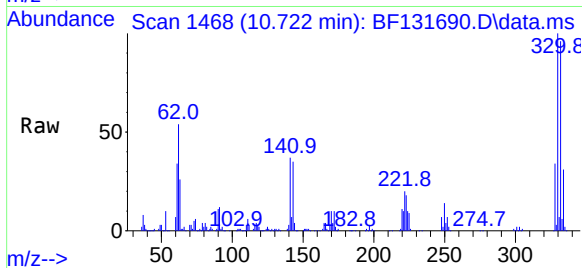
Tgt Ion:330 Resp: 310591

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 37.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 84.682 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

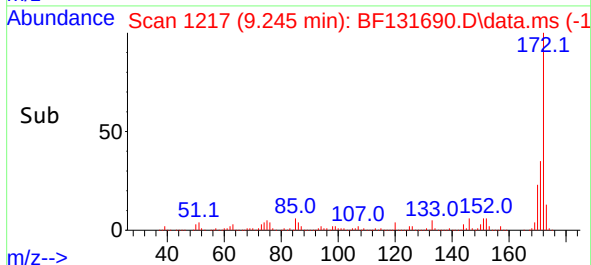
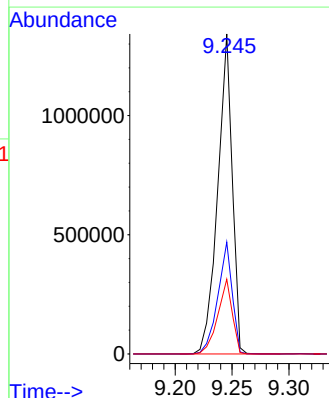
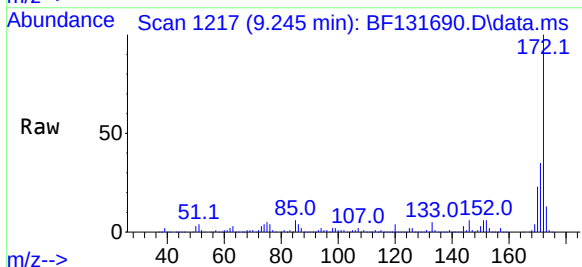
Tgt Ion:172 Resp: 1197569

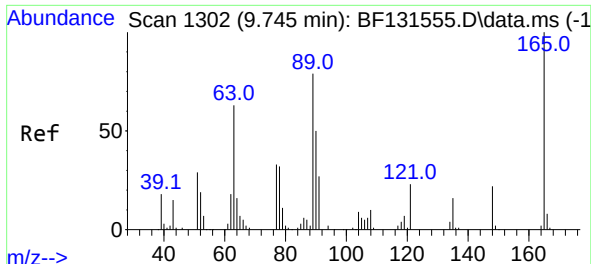
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.3 28.9

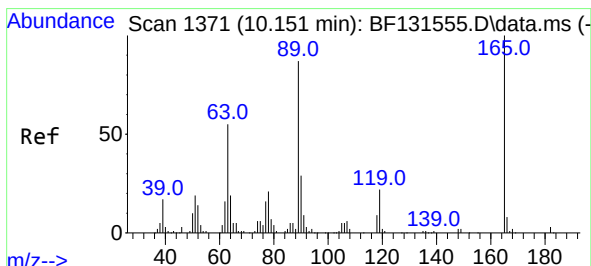
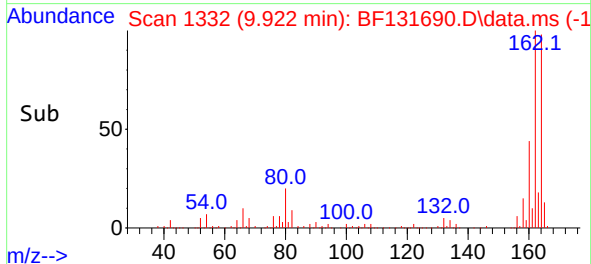
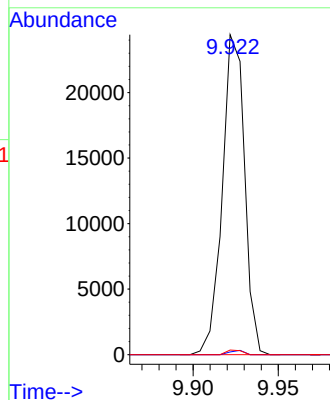
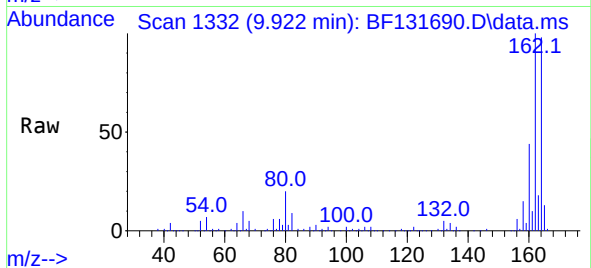




#51
2,6-Dinitrotoluene
Concen: 7.926 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

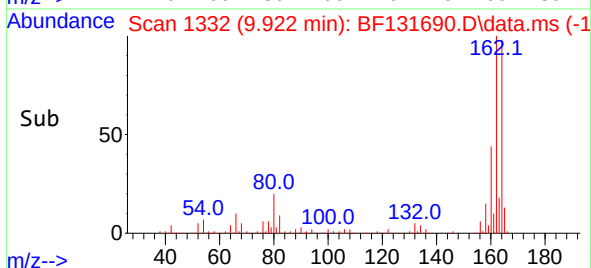
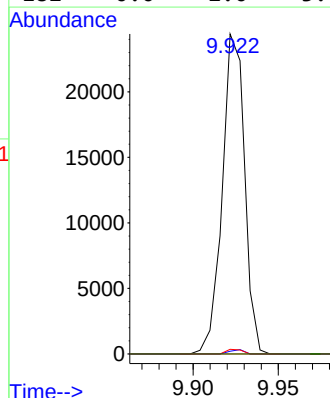
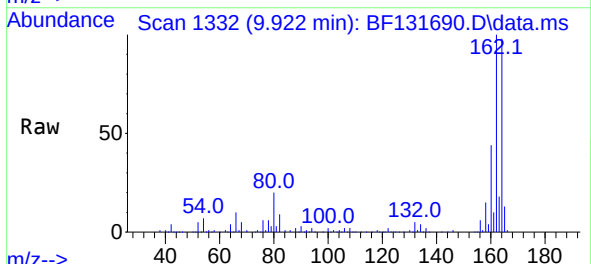
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MH-23

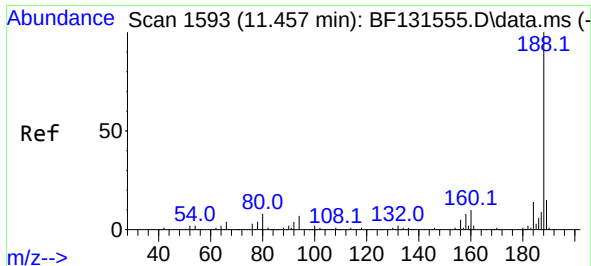
Tgt Ion:165 Resp: 22243
Ion Ratio Lower Upper
165 100
63 0.8 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.975 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:165 Resp: 22243
Ion Ratio Lower Upper
165 100
63 0.8 44.4 66.6#
89 1.5 69.6 104.4#
182 0.0 2.0 3.0#

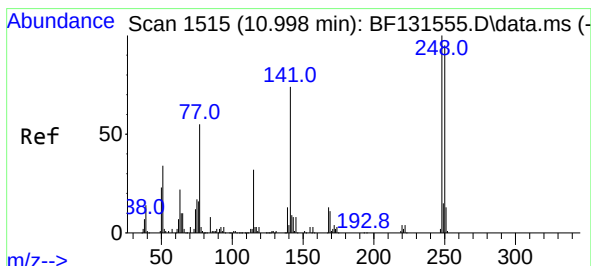
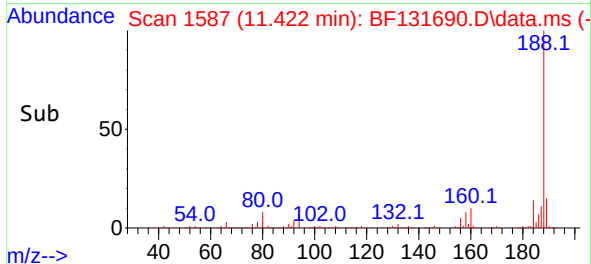
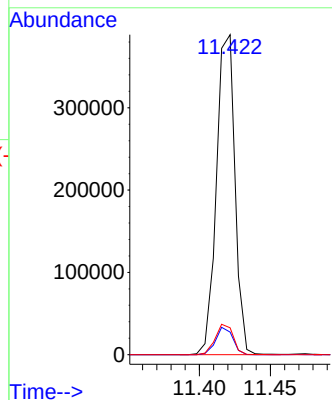
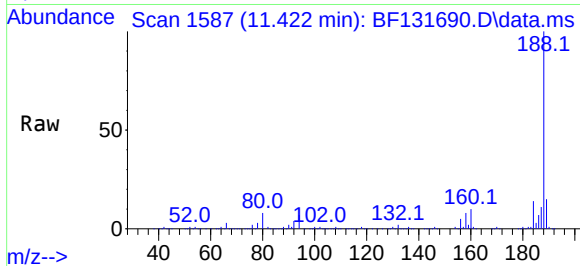




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

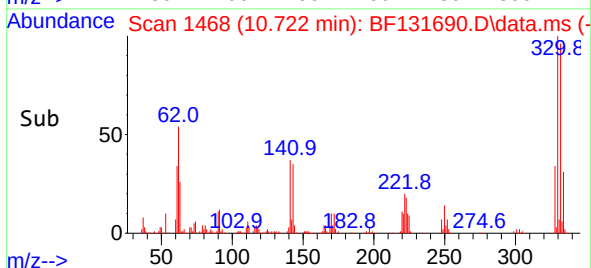
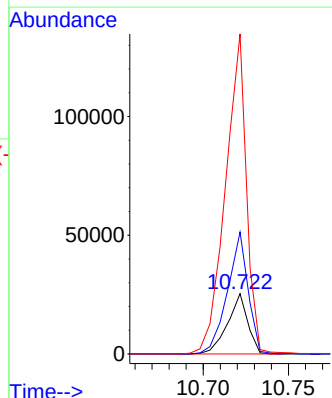
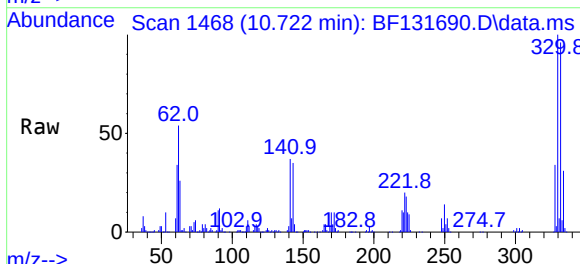
Instrument :
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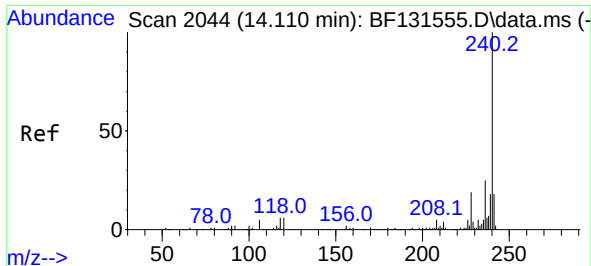
Tgt Ion:188 Resp: 352176
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.613 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:248 Resp: 20897
Ion Ratio Lower Upper
248 100
250 202.3 76.2 114.2#
141 530.8 59.5 89.3#

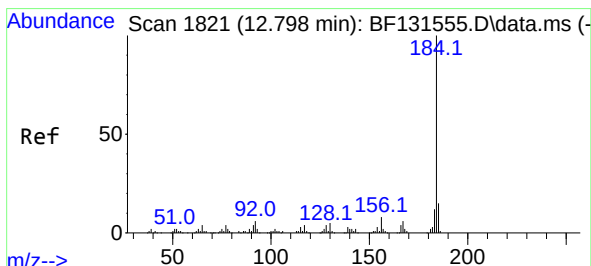
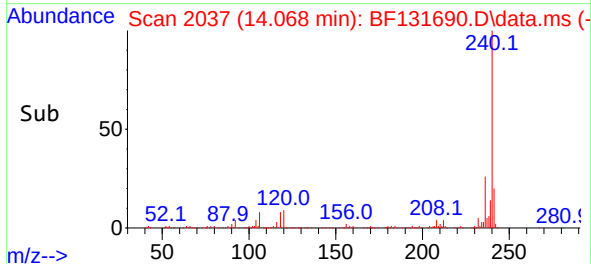
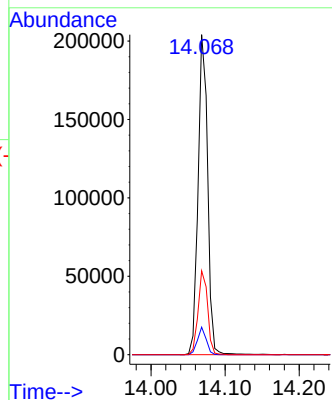
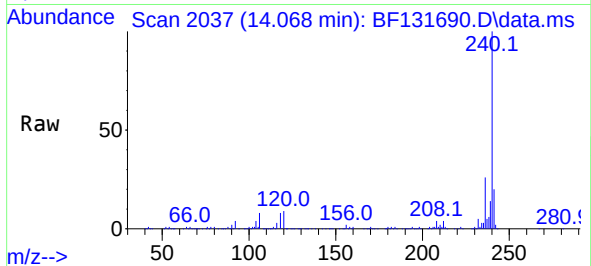




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

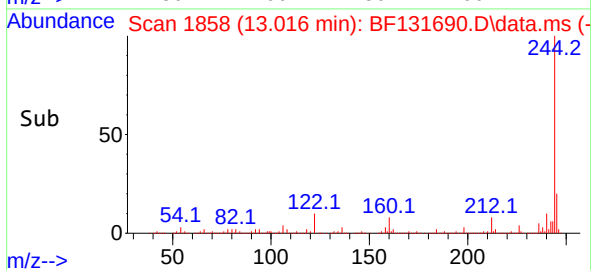
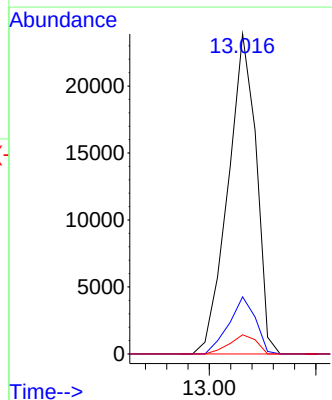
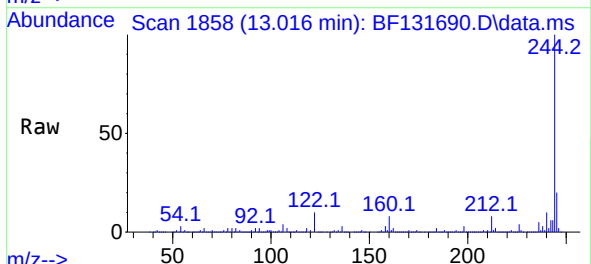
Instrument :
BNA_F
ClientSampleId :
MH-23

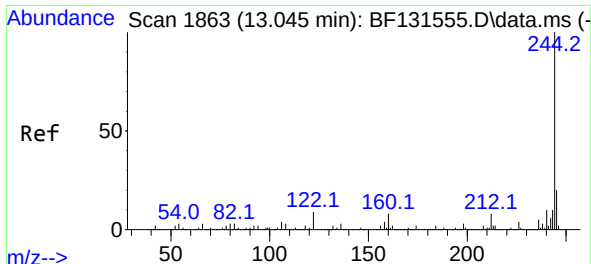
Tgt Ion:240 Resp: 181904
Ion Ratio Lower Upper
240 100
120 8.6 4.6 7.0#
236 26.2 20.2 30.2



#77
Benzidine
Concen: 4.515 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:184 Resp: 22005
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 6.0 9.3 13.9#

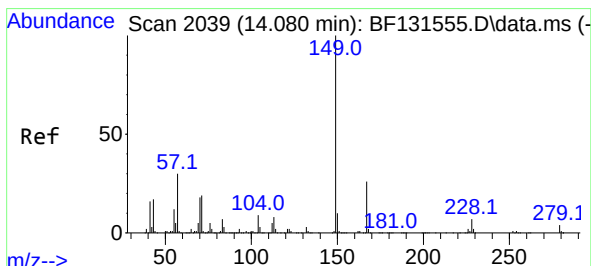
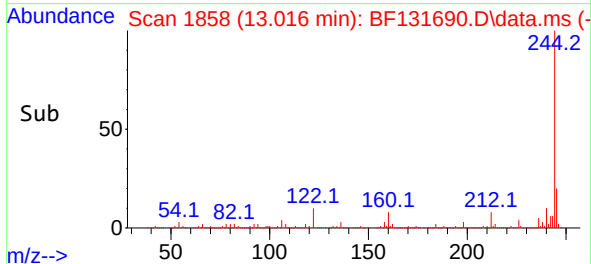
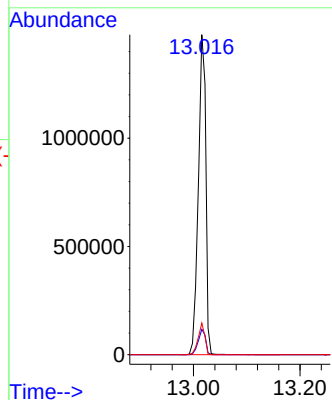
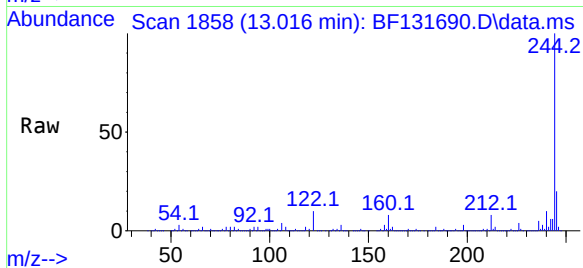




#79
 Terphenyl-d14
 Concen: 108.701 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BF131690.D
 Acq: 19 Dec 2022 15:51

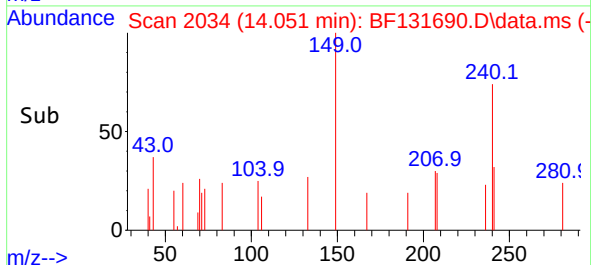
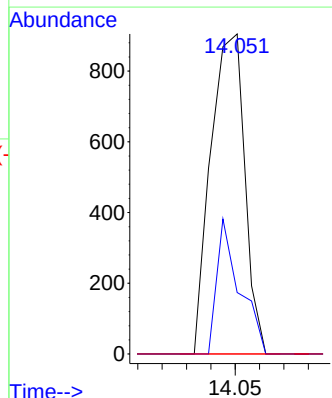
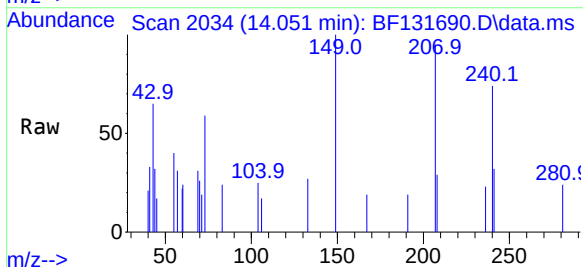
Instrument :
 BNA_F
 ClientSampleId :
 MH-23

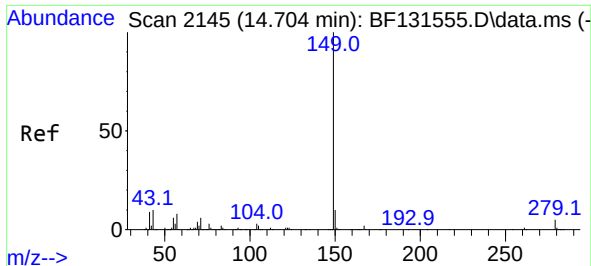
Tgt Ion:244 Resp: 1441821
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.9 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.149 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: BF131690.D
 Acq: 19 Dec 2022 15:51

Tgt Ion:149 Resp: 879
 Ion Ratio Lower Upper
 149 100
 167 19.2 20.8 31.2#
 279 0.0 3.3 4.9#

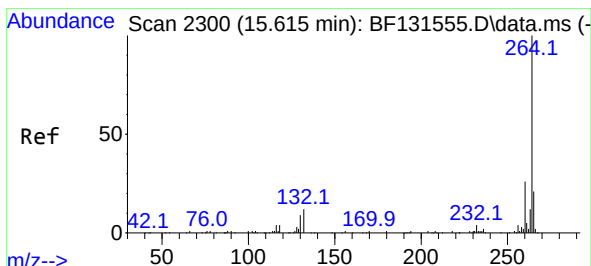
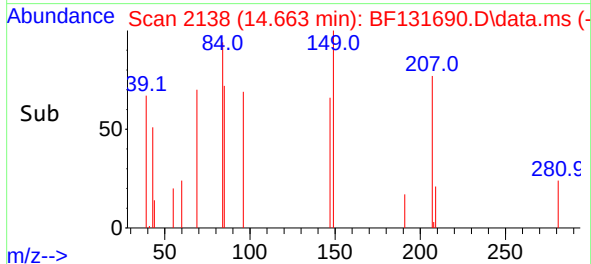
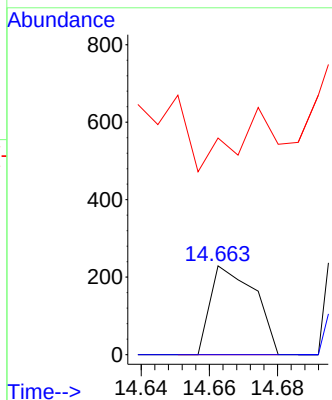
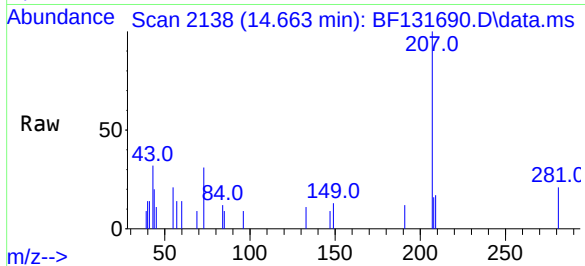




#85
Di-n-octyl phthalate
Concen: 5.235 ng
RT: 14.663 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Instrument :
BNA_F
ClientSampleId :
MH-23

Tgt Ion:149 Resp: 207
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 28.5 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131690.D
Acq: 19 Dec 2022 15:51

Tgt Ion:264 Resp: 165232
Ion Ratio Lower Upper
264 100
260 24.9 20.6 30.8
265 20.2 16.8 25.2

