

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131596.D
 Acq On : 12 Dec 2022 17:03
 Operator : CG\JU
 Sample : N5999-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-20

Quant Time: Dec 13 04:16:20 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 13 04:12:13 2022
 Response via : Initial Calibration

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

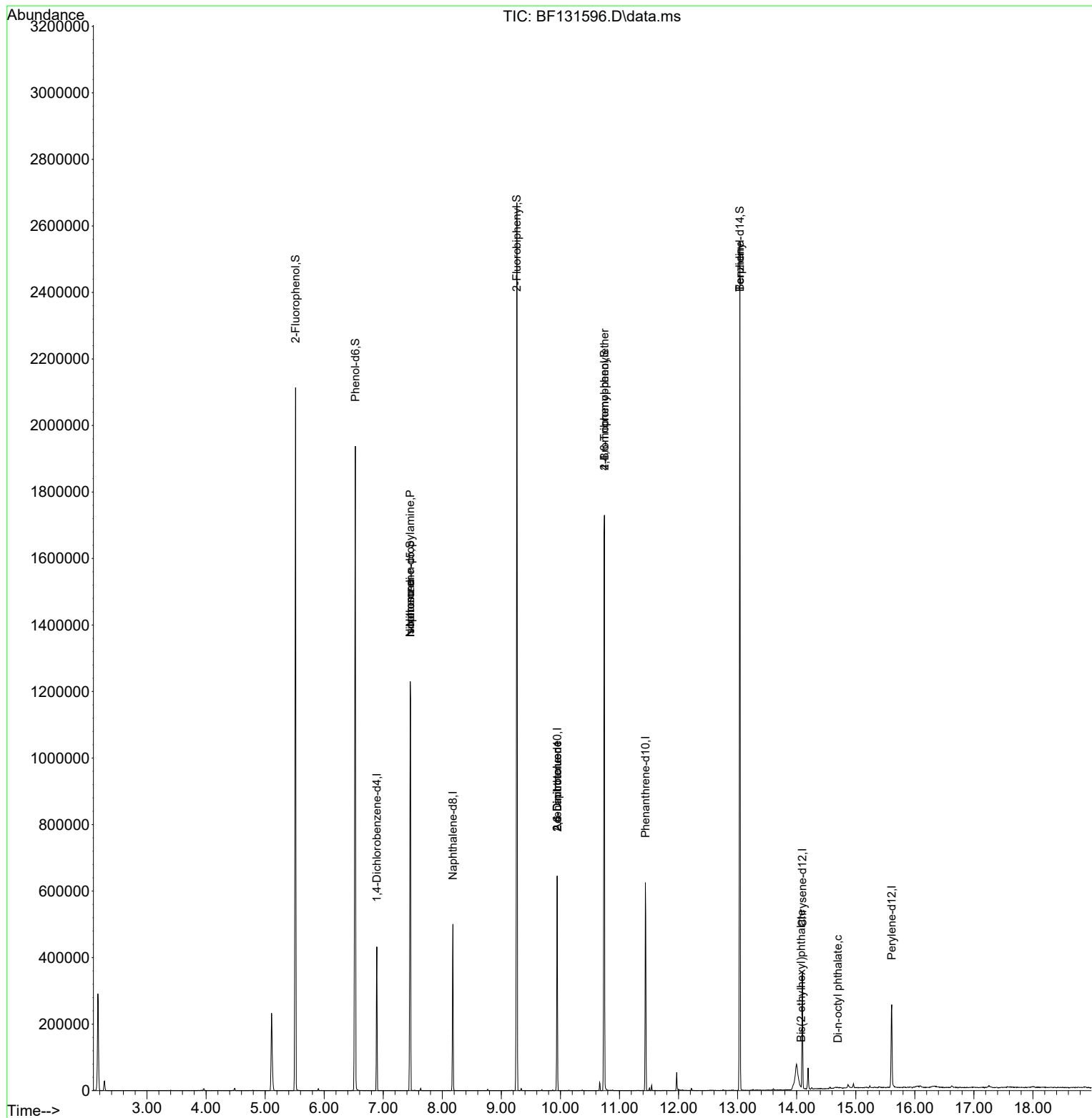
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54992	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	197354	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	117353	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	224307	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	120983	20.000	ng	0.00
86) Perylene-d12	15.609	264	122047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	514006	155.933	ng	0.00
7) Phenol-d6	6.528	99	662178	153.296	ng	0.00
23) Nitrobenzene-d5	7.457	82	463450	88.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	201270	154.369	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	782783	84.104	ng	0.00
79) Terphenyl-d14	13.039	244	821049	93.070	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	66088	20.404	ng	# 76
25) Isophorone	7.457	82	463532	55.128	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	14523	7.864	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	14523	5.928	ng	# 17
67) 4-Bromophenyl-phenylether	10.745	248	13653	4.732	ng	# 1
77) Benzidine	13.039	184	12646	3.901	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.074	149	407	3.113	ng	# 45
85) Di-n-octyl phthalate	14.698	149	216	5.244	ng	# 74

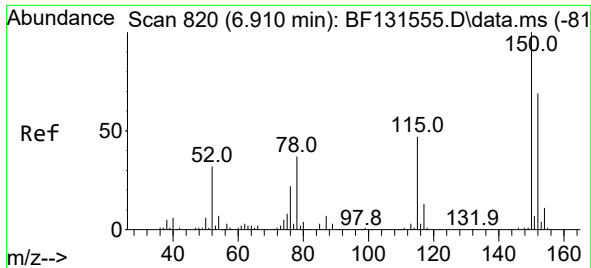
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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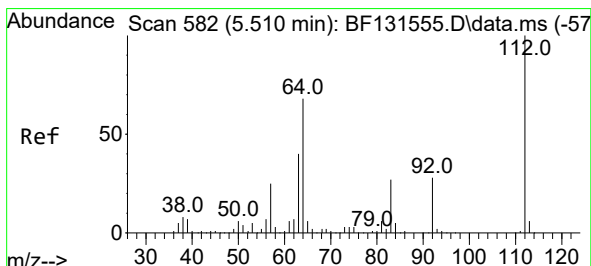
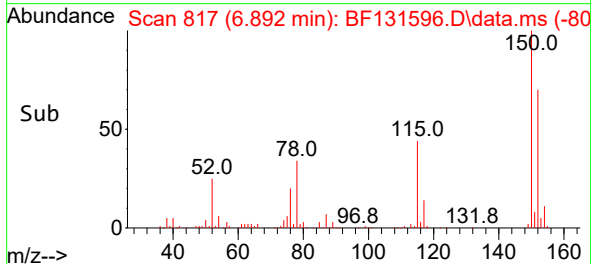
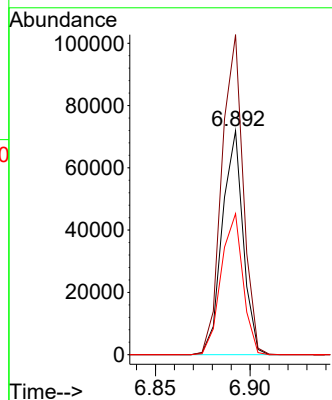
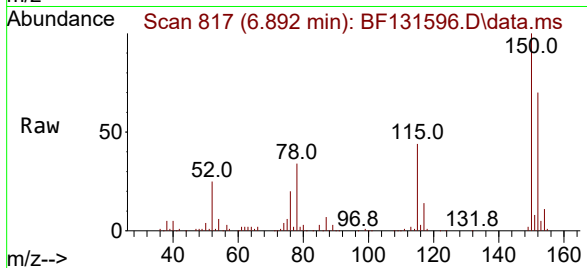




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

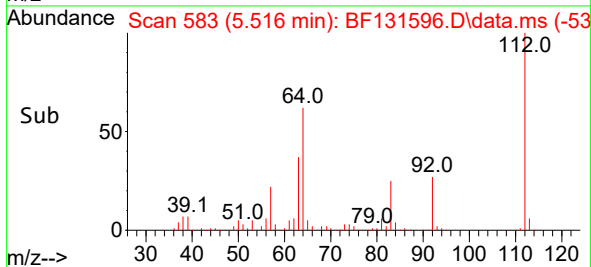
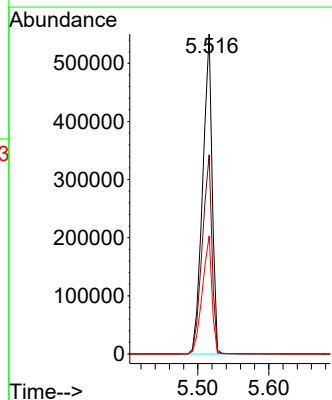
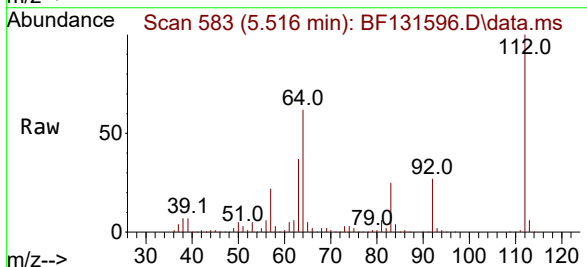
Instrument :
BNA_F
ClientSampleId :
MH-20

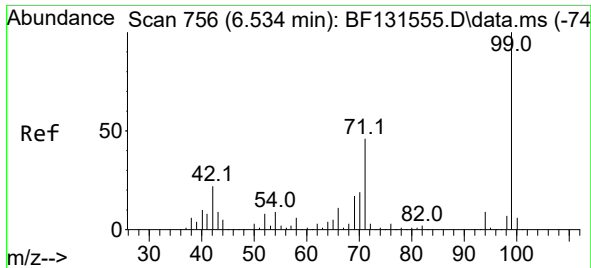
Tgt Ion:152 Resp: 54992
Ion Ratio Lower Upper
152 100
150 142.9 116.7 175.1
115 63.0 54.6 82.0



#5
2-Fluorophenol
Concen: 155.933 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:112 Resp: 514006
Ion Ratio Lower Upper
112 100
64 62.2 54.5 81.7
63 36.9 31.9 47.9

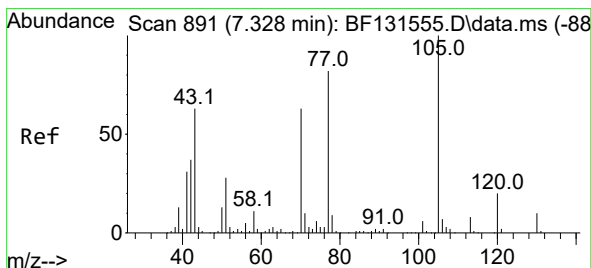
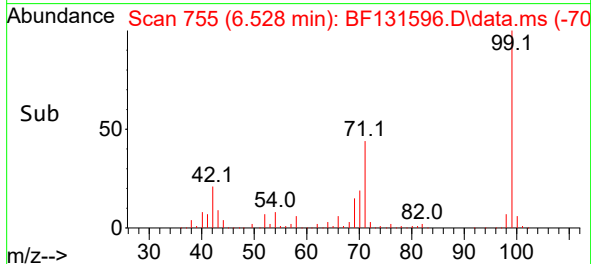
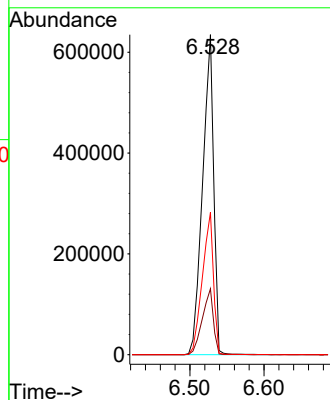
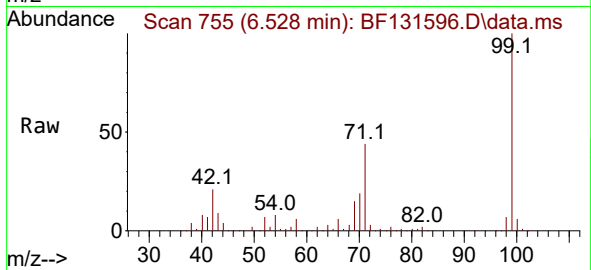




#7
Phenol-d6
Concen: 153.296 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

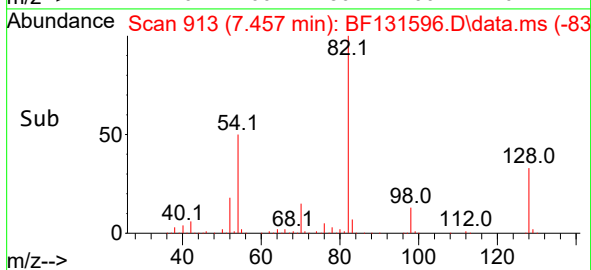
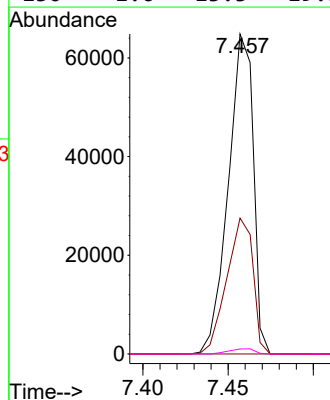
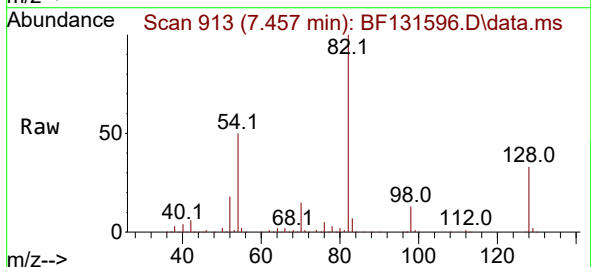
Instrument :
BNA_F
ClientSampleId :
MH-20

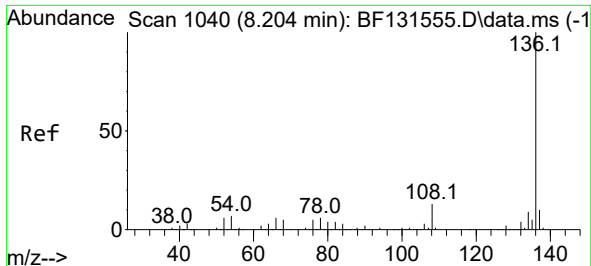
Tgt Ion: 99 Resp: 662178
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 44.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.404 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion: 70 Resp: 66088
Ion Ratio Lower Upper
70 100
42 42.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

Tgt Ion:136 Resp: 197354

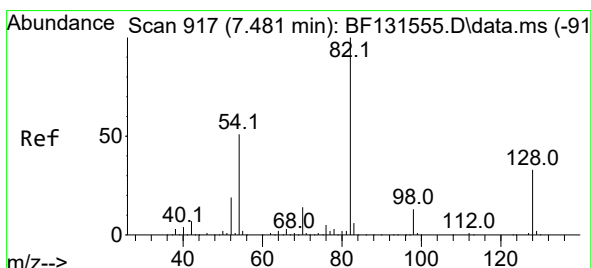
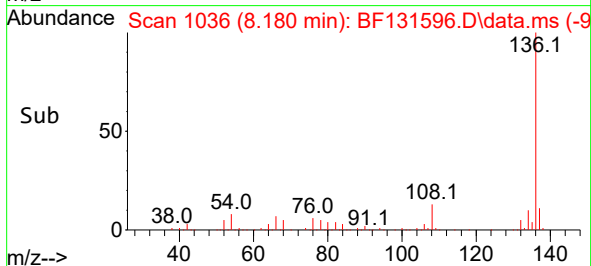
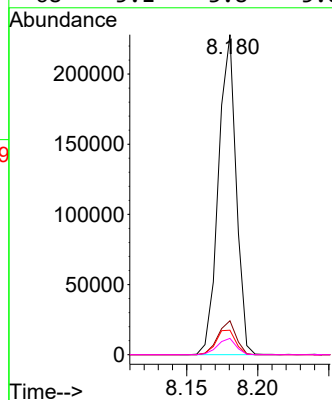
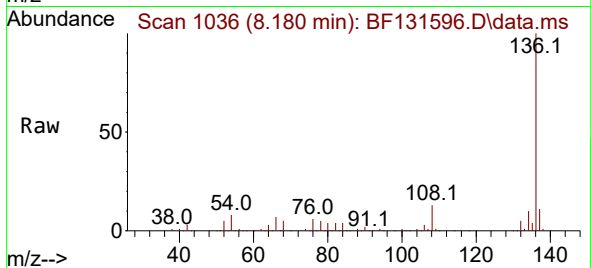
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 7.7 6.0 9.0

68 5.1 3.8 5.8



#23

Nitrobenzene-d5

Concen: 88.782 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

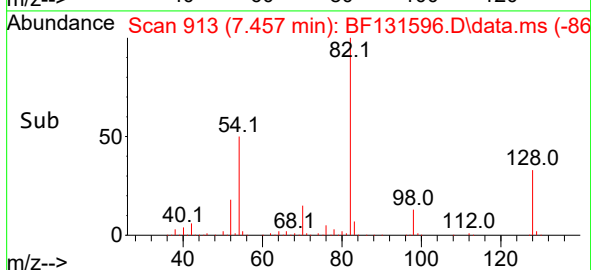
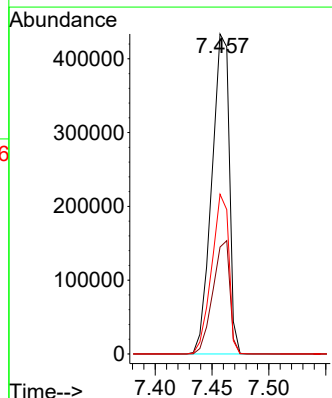
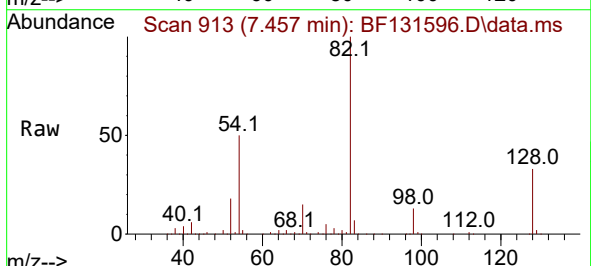
Tgt Ion: 82 Resp: 463450

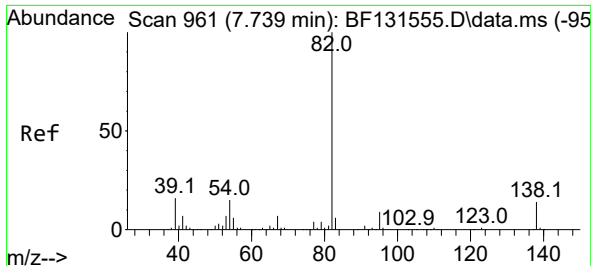
Ion Ratio Lower Upper

82 100

128 33.4 26.1 39.1

54 49.9 40.6 60.8

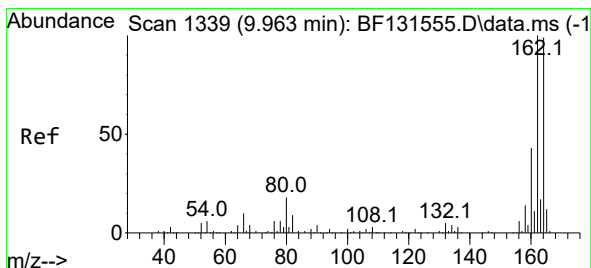
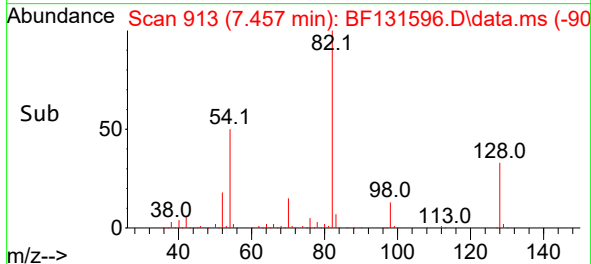
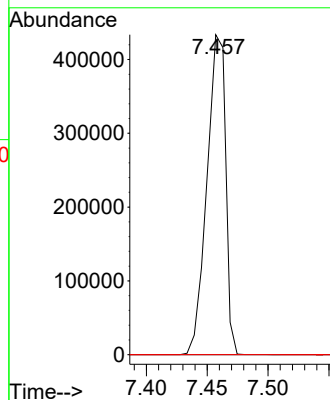
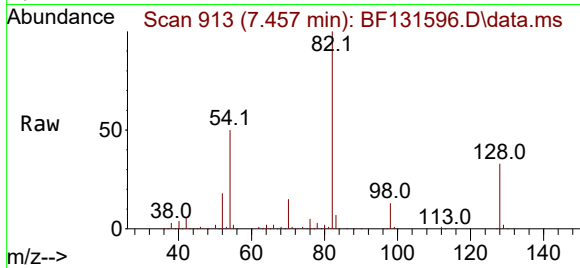




#25
Isophorone
Concen: 55.128 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

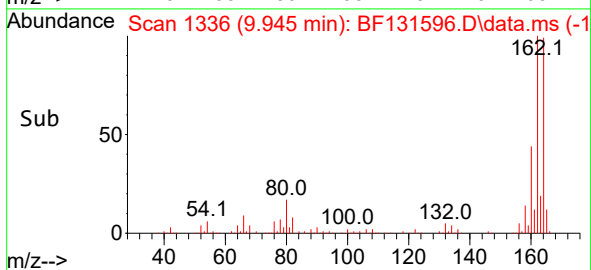
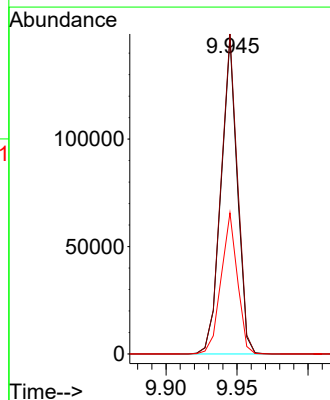
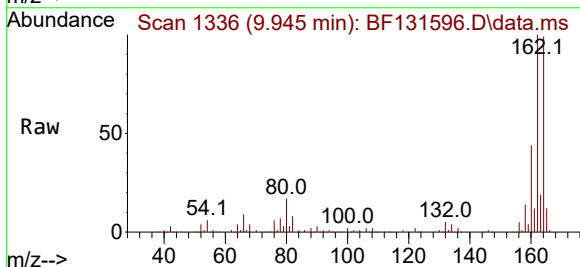
Instrument :
BNA_F
ClientSampleId :
MH-20

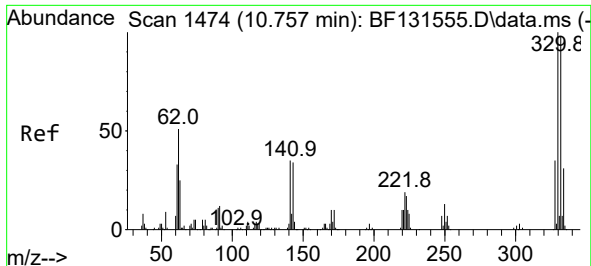
Tgt Ion: 82 Resp: 463532
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:164 Resp: 117353
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 154.369 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

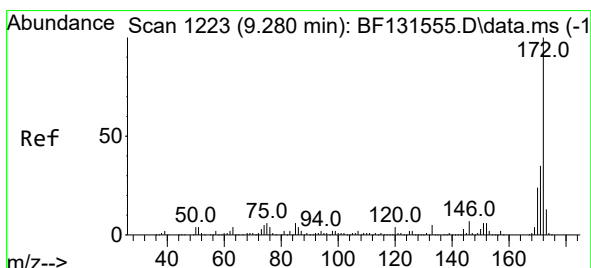
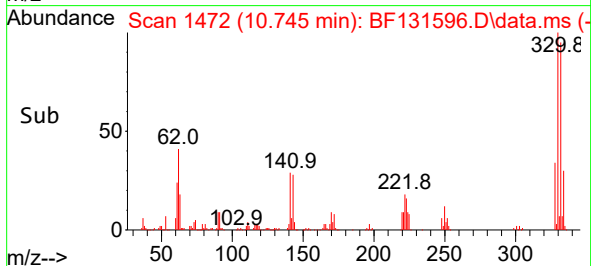
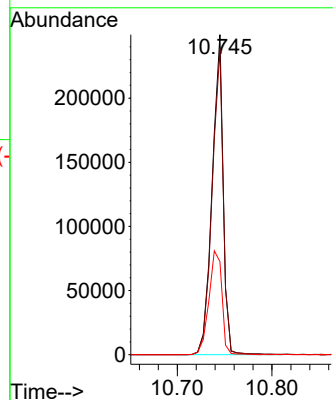
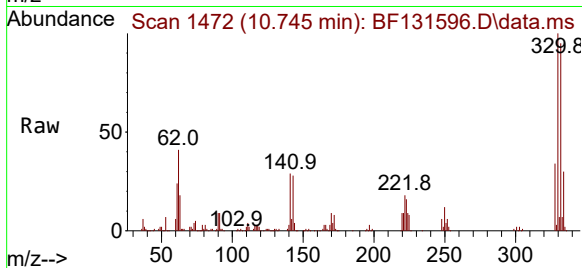
Tgt Ion:330 Resp: 201270

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 84.104 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

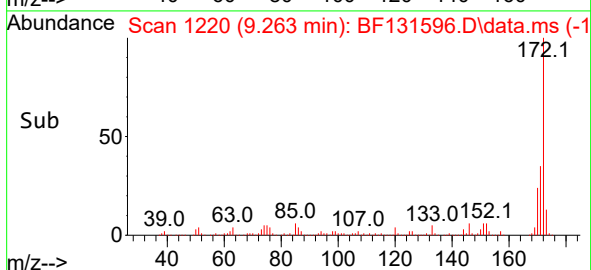
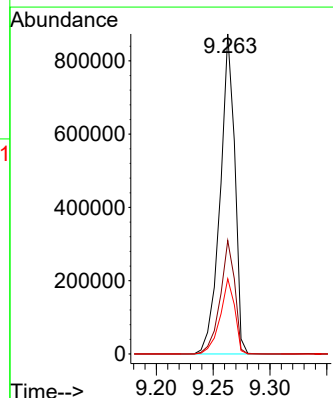
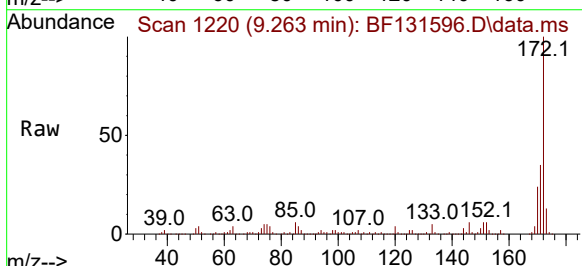
Tgt Ion:172 Resp: 782783

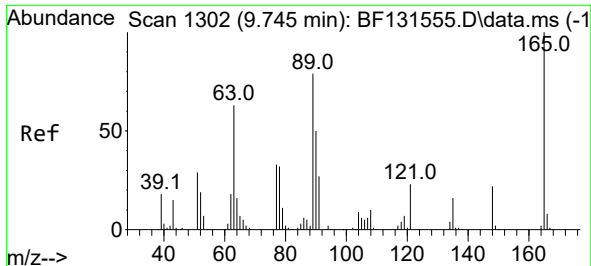
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.3 28.9

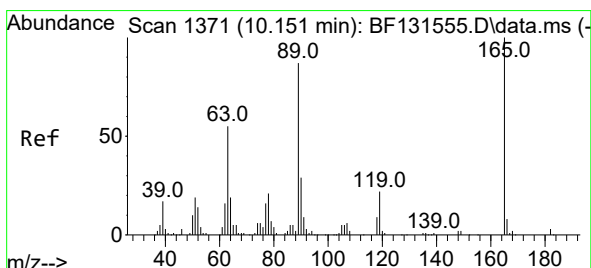
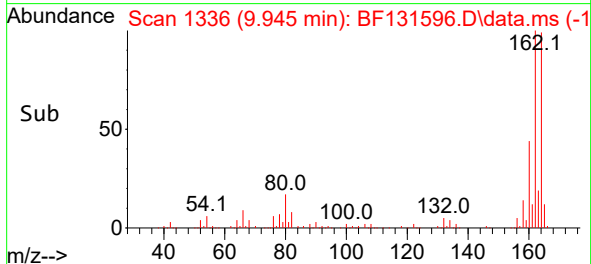
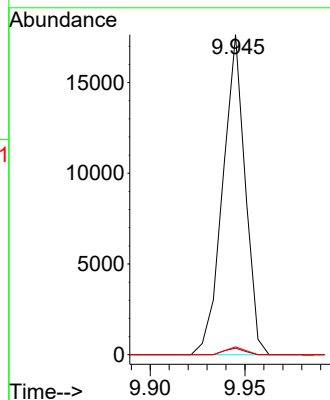
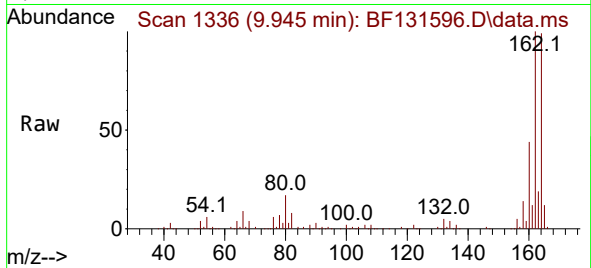




#51
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

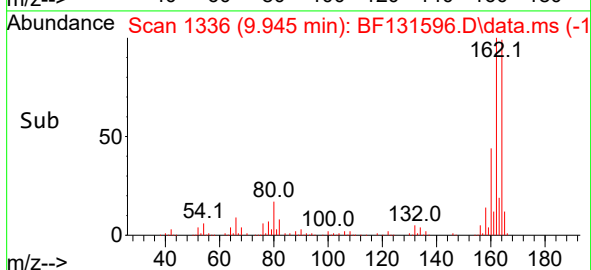
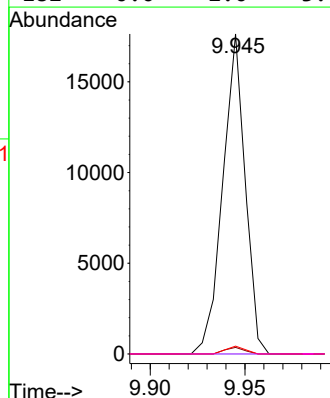
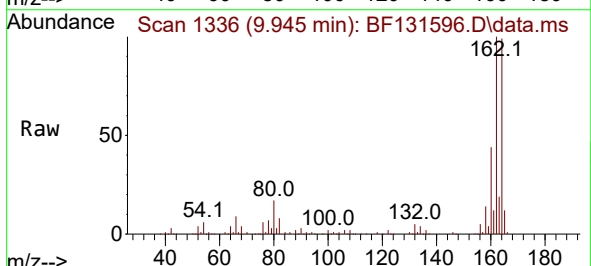
Instrument :
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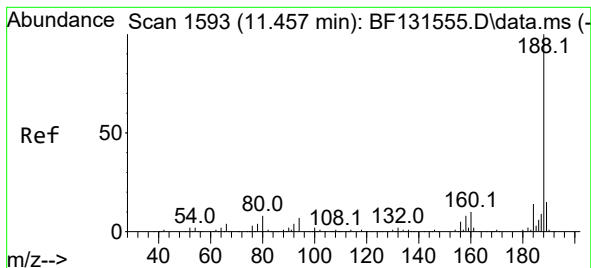
Tgt Ion:165 Resp: 14523
Ion Ratio Lower Upper
165 100
63 2.1 67.9 101.9#
89 2.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.928 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:165 Resp: 14523
Ion Ratio Lower Upper
165 100
63 2.1 44.4 66.6#
89 2.5 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

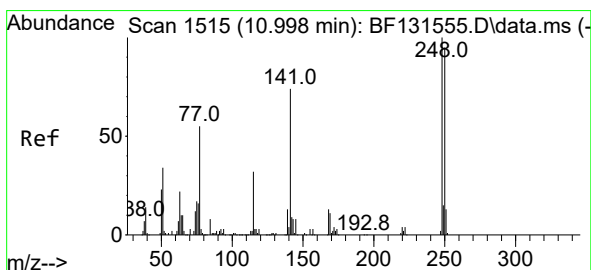
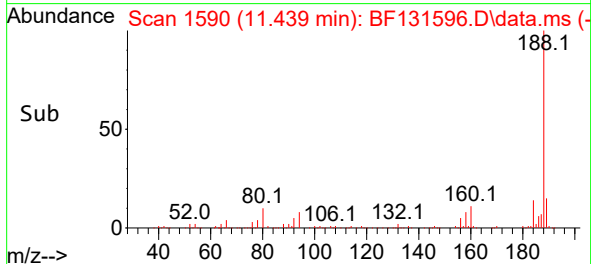
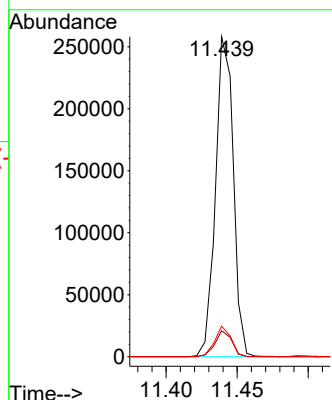
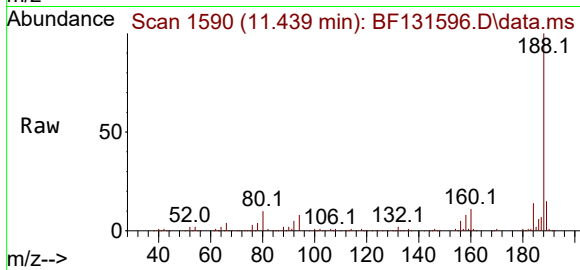
Tgt Ion:188 Resp: 224307

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.5 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.732 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.247 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

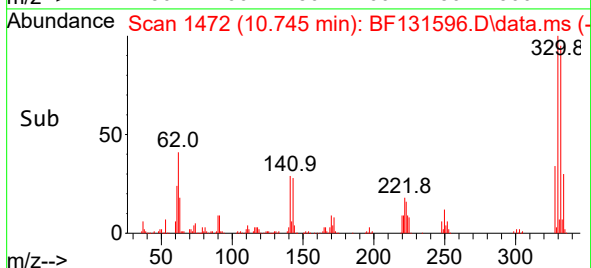
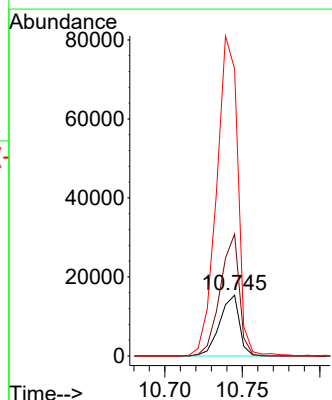
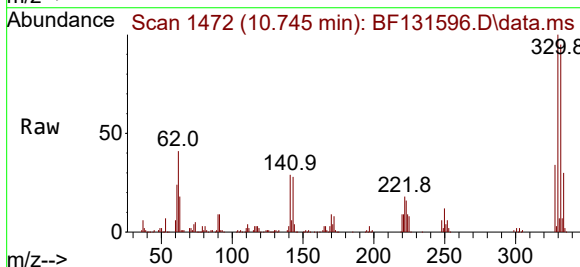
Tgt Ion:248 Resp: 13653

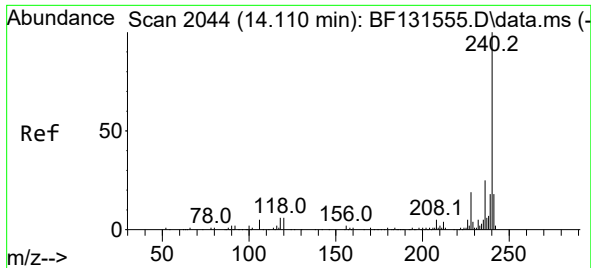
Ion Ratio Lower Upper

248 100

250 200.5 76.2 114.2#

141 471.9 59.5 89.3#

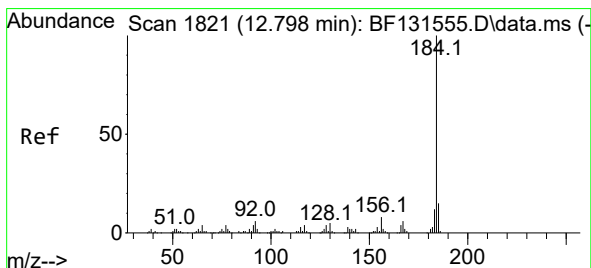
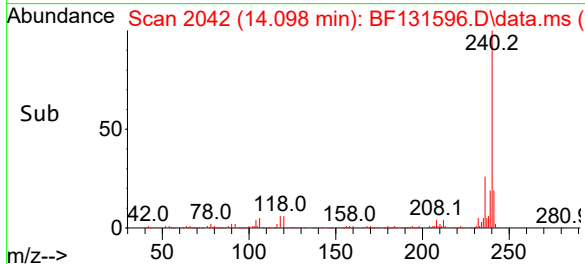
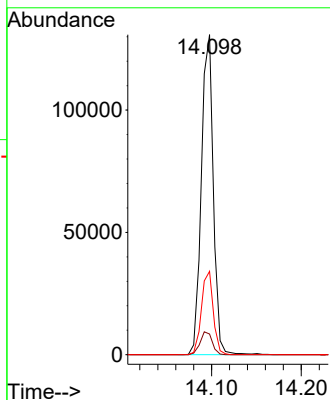
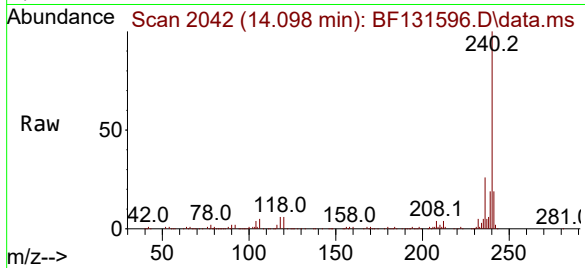




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

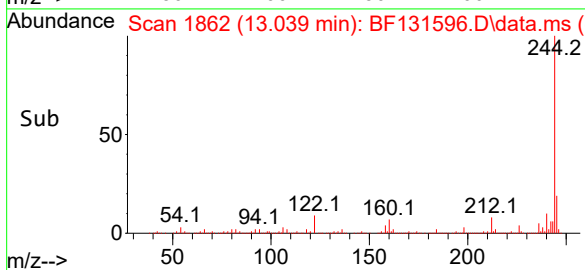
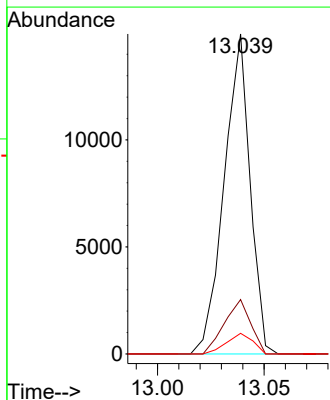
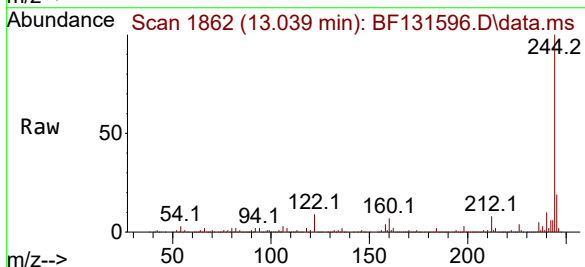
Instrument :
BNA_F
ClientSampleId :
MH-20

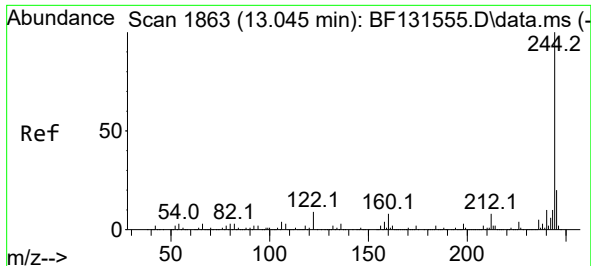
Tgt Ion:240 Resp: 120983
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 26.1 20.2 30.2



#77
Benzidine
Concen: 3.901 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:184 Resp: 12646
Ion Ratio Lower Upper
184 100
185 17.0 12.2 18.2
183 6.5 9.3 13.9#

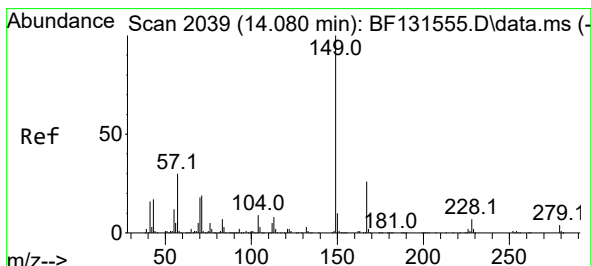
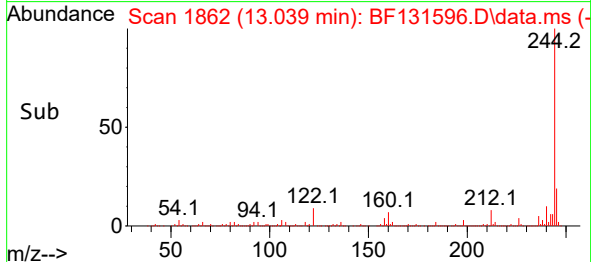
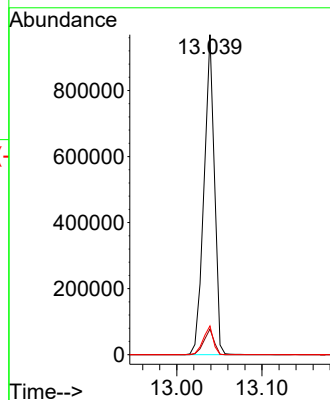
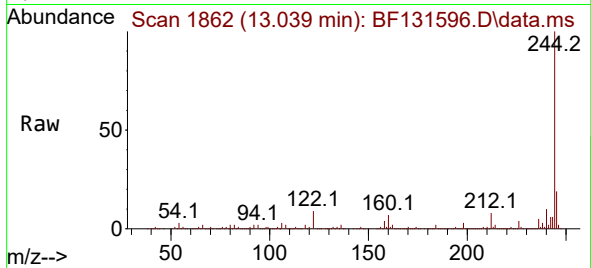




#79
 Terphenyl-d14
 Concen: 93.070 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF131596.D
 Acq: 12 Dec 2022 17:03

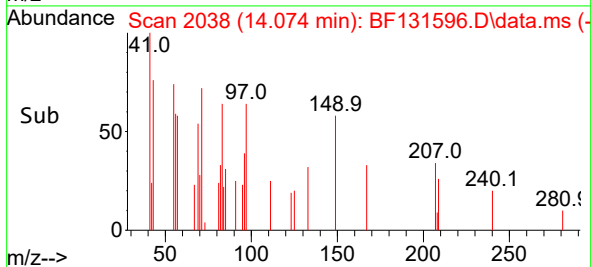
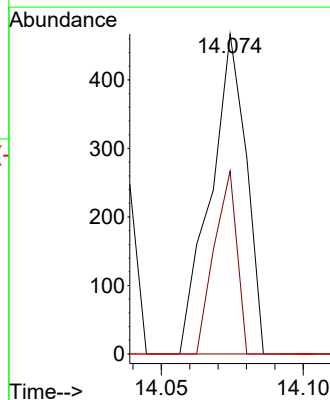
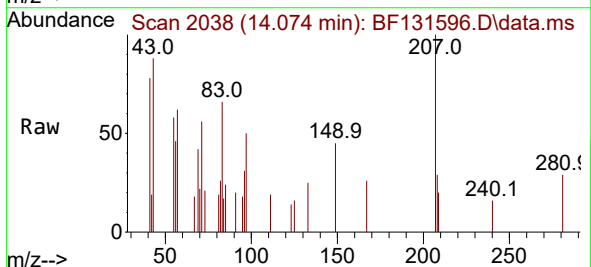
Instrument :
 BNA_F
 ClientSampleId :
 MH-20

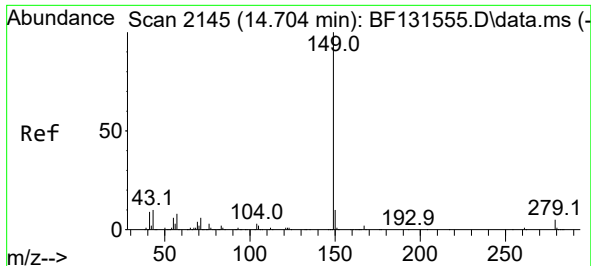
Tgt Ion:244 Resp: 821049
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.0 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.113 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF131596.D
 Acq: 12 Dec 2022 17:03

Tgt Ion:149 Resp: 407
 Ion Ratio Lower Upper
 149 100
 167 57.2 20.8 31.2#
 279 0.0 3.3 4.9#

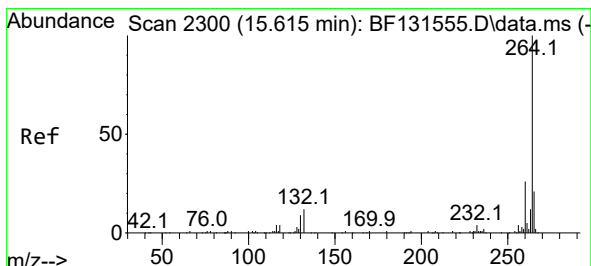
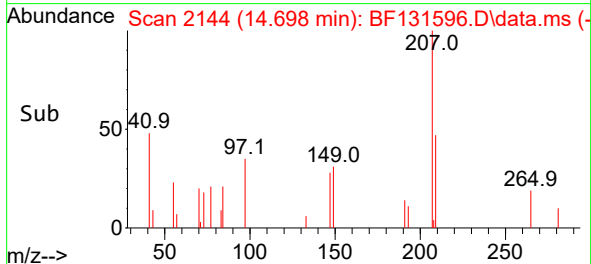
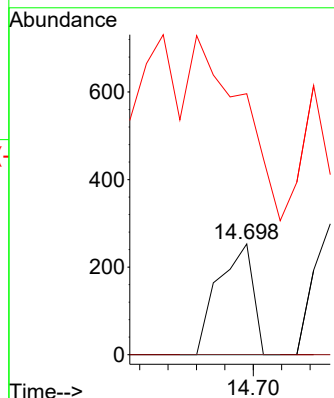
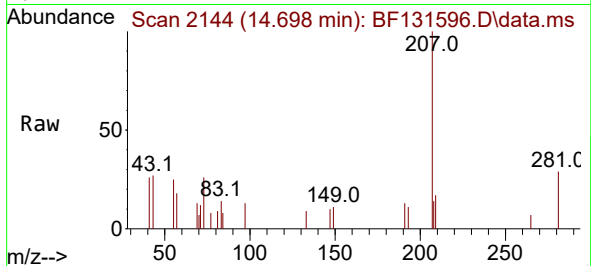




#85
Di-n-octyl phthalate
Concen: 5.244 ng
RT: 14.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Instrument :
BNA_F
ClientSampleId :
MH-20

Tgt Ion:149 Resp: 216
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:264 Resp: 122047
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 20.2 16.8 25.2

