

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131571.D
 Acq On : 09 Dec 2022 17:36
 Operator : CG\JU
 Sample : N5895-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-19

Quant Time: Dec 10 04:01:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

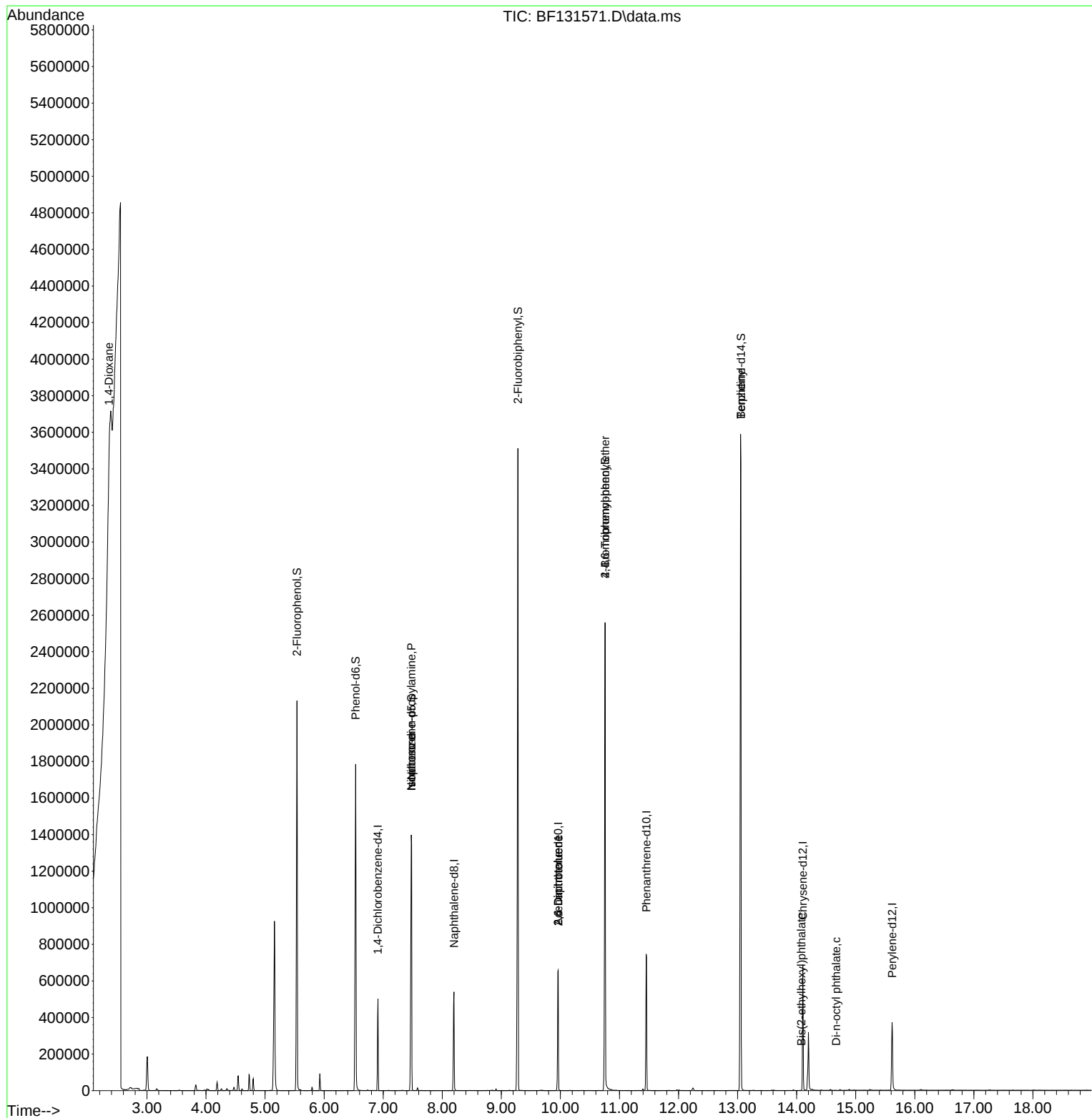
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62068	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227004	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	140283	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	282807	20.000	ng	0.00
76) Chrysene-d12	14.104	240	210199	20.000	ng	# 0.00
86) Perylene-d12	15.616	264	187286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	539482	145.004	ng	0.03
7) Phenol-d6	6.534	99	620557	127.283	ng	0.00
23) Nitrobenzene-d5	7.475	82	569172	94.794	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	281105	180.359	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1054212	94.753	ng	0.00
79) Terphenyl-d14	13.057	244	1429721	93.279	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.358	88	10943	6.516	ng	# 53
19) n-Nitroso-di-n-propyla...	7.475	70	82254	22.500	ng	# 82
25) Isophorone	7.475	82	568018	58.731	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	17552	7.950	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	17552	5.993	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	18861	5.184	ng	# 1
77) Benzidine	13.057	184	22996	4.083	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.080	149	867	3.132	ng	# 93
85) Di-n-octyl phthalate	14.669	149	53	5.222	ng	# 74

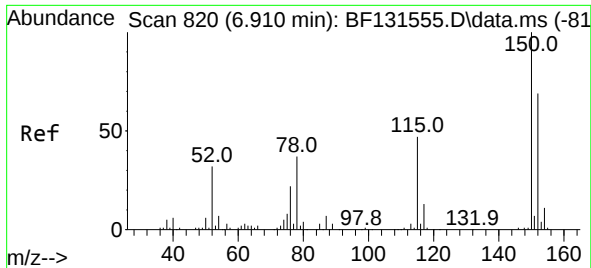
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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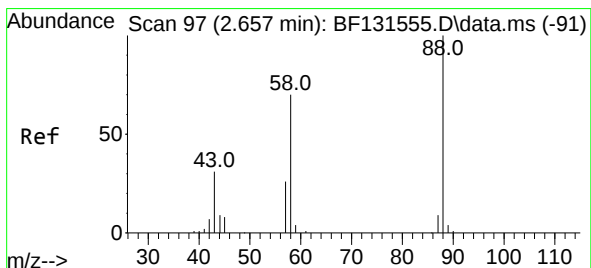
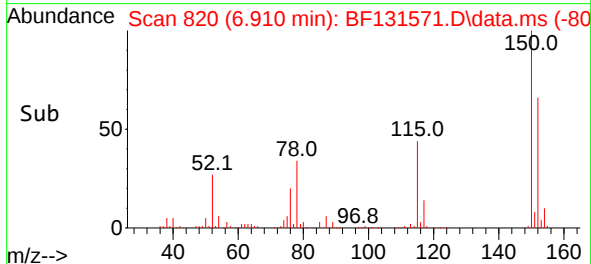
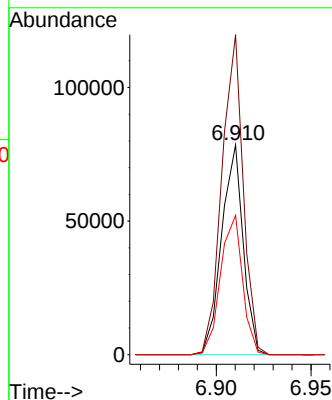
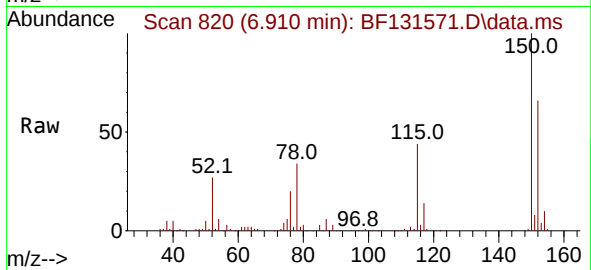




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131571.D
 Acq: 09 Dec 2022 17:36

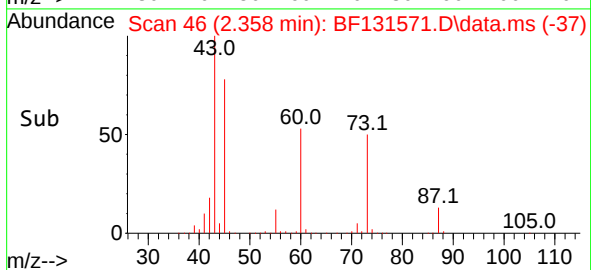
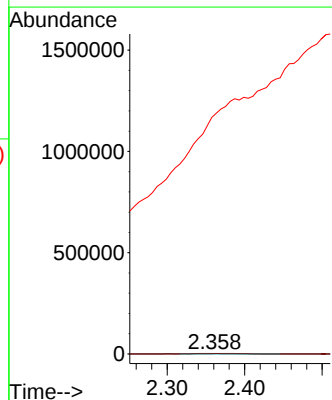
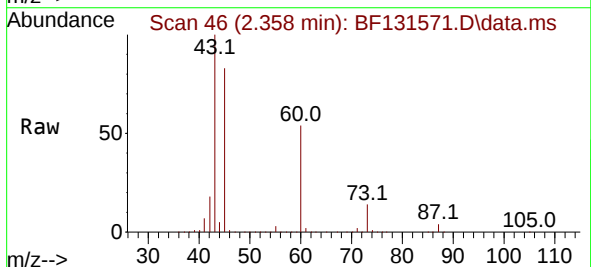
Instrument :
 BNA_F
 ClientSampleId :
 MH-19

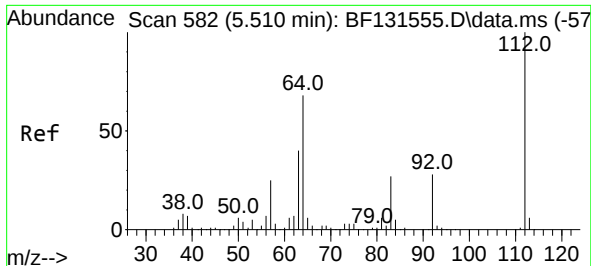
Tgt Ion:152 Resp: 62068
 Ion Ratio Lower Upper
 152 100
 150 152.6 116.7 175.1
 115 66.4 54.6 82.0



#2
 1,4-Dioxane
 Concen: 6.516 ng
 RT: 2.358 min Scan# 46
 Delta R.T. -0.300 min
 Lab File: BF131571.D
 Acq: 09 Dec 2022 17:36

Tgt Ion: 88 Resp: 10943
 Ion Ratio Lower Upper
 88 100
 58 40.0 60.0 90.0#
 43 0.0 26.7 40.1#

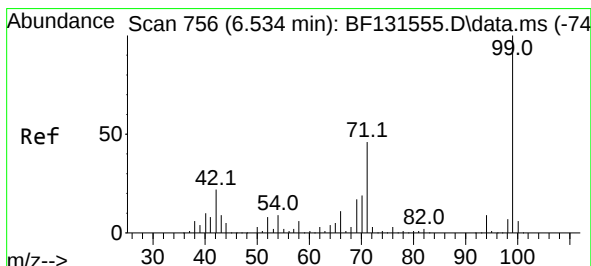
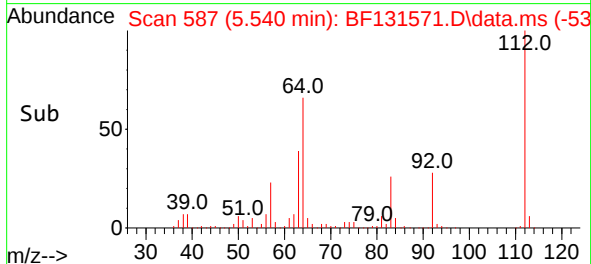
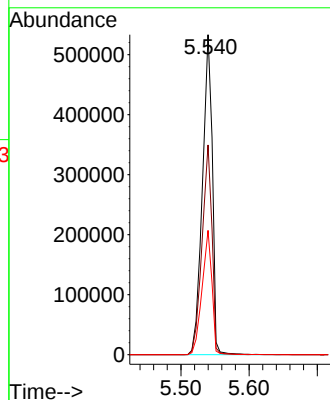
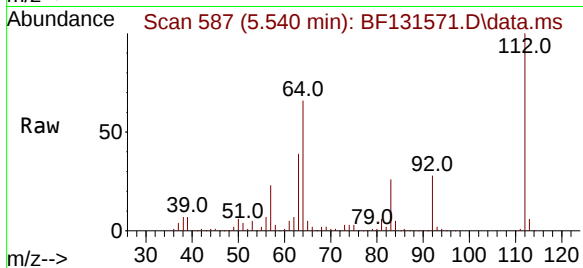




#5
2-Fluorophenol
Concen: 145.004 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.030 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

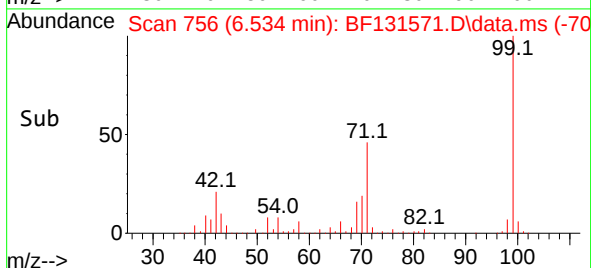
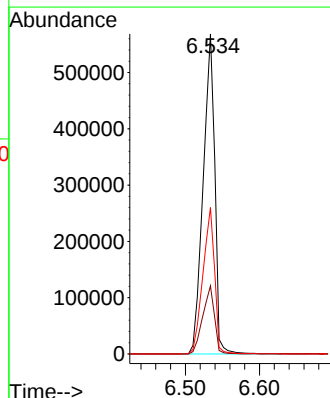
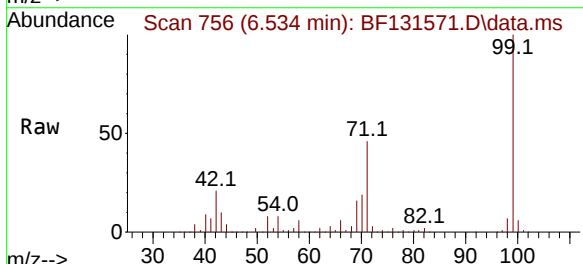
Instrument :
BNA_F
ClientSampleId :
MH-19

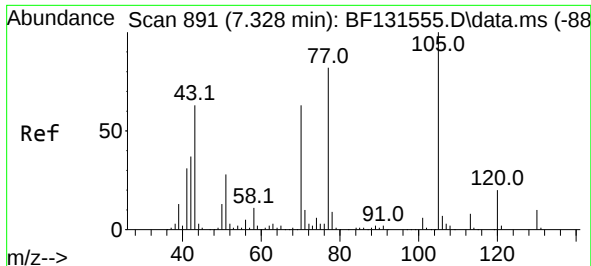
Tgt Ion:112 Resp: 539482
Ion Ratio Lower Upper
112 100
64 65.6 54.5 81.7
63 38.9 31.9 47.9



#7
Phenol-d6
Concen: 127.283 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Tgt Ion: 99 Resp: 620557
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 45.7 37.2 55.8





#19

n-Nitroso-di-n-propylamine

Concen: 22.500 ng

RT: 7.475 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MH-19

Tgt Ion: 70 Resp: 82254

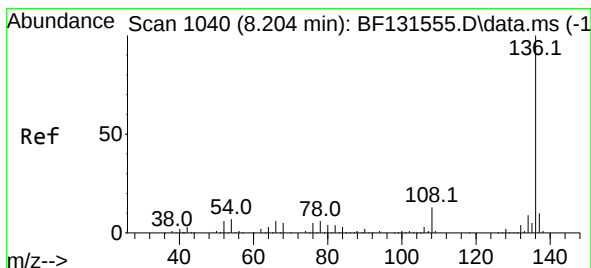
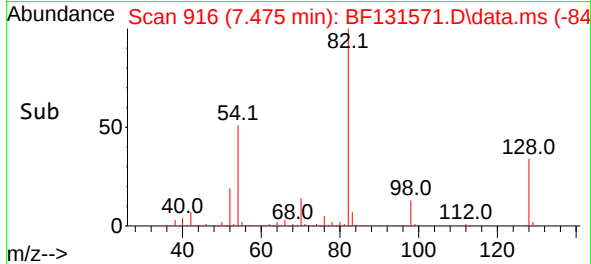
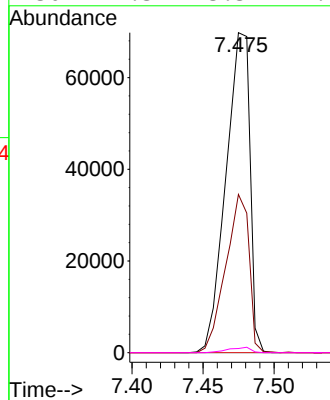
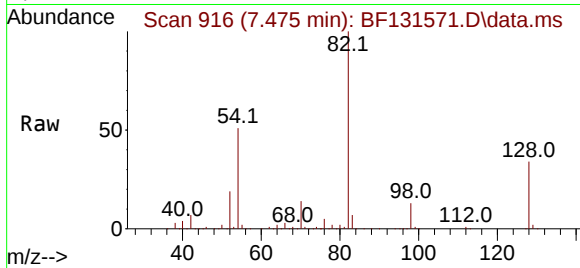
Ion Ratio Lower Upper

70 100

42 49.5 46.4 69.6

101 0.0 7.2 10.8#

130 1.3 13.3 19.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

Tgt Ion:136 Resp: 227004

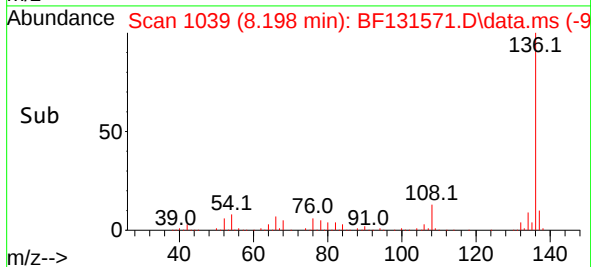
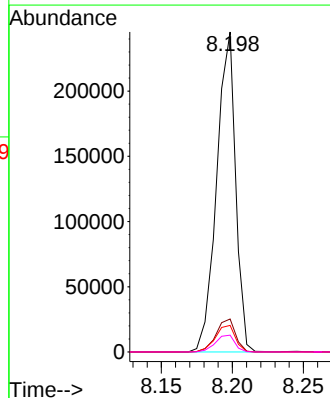
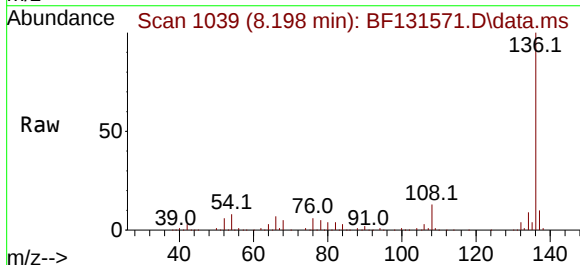
Ion Ratio Lower Upper

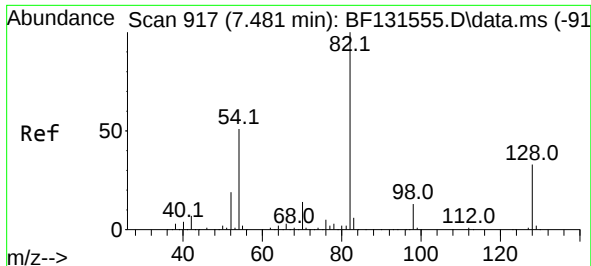
136 100

137 10.3 8.1 12.1

54 8.3 6.0 9.0

68 5.3 3.8 5.8





#23

Nitrobenzene-d5

Concen: 94.794 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MH-19

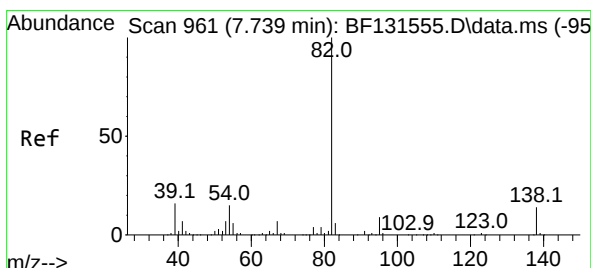
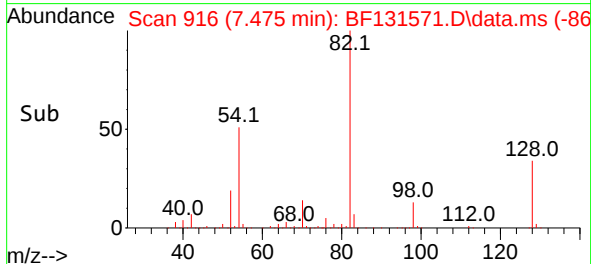
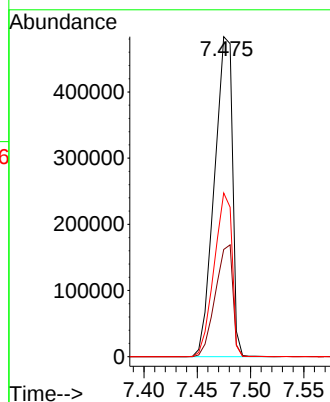
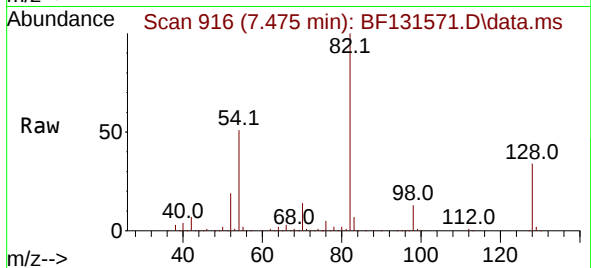
Tgt Ion: 82 Resp: 569172

Ion Ratio Lower Upper

82 100

128 33.5 26.1 39.1

54 51.1 40.6 60.8



#25

Isophorone

Concen: 58.731 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.265 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

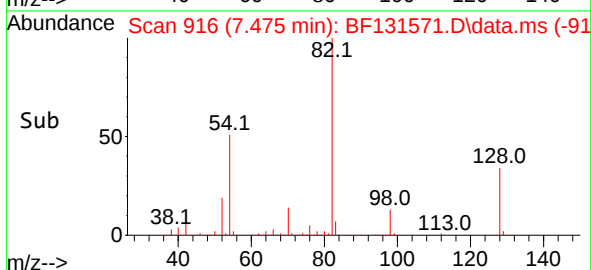
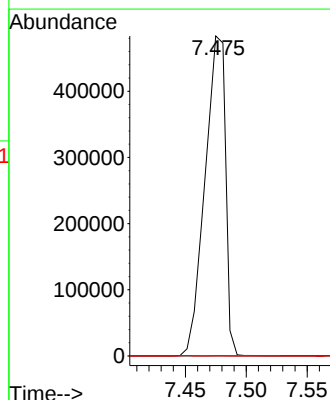
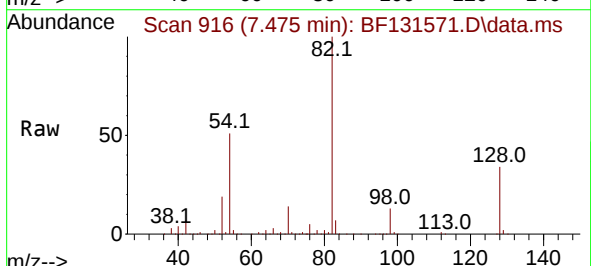
Tgt Ion: 82 Resp: 568018

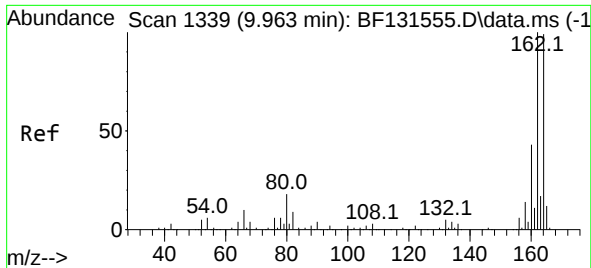
Ion Ratio Lower Upper

82 100

95 0.0 6.9 10.3#

138 0.0 11.4 17.0#

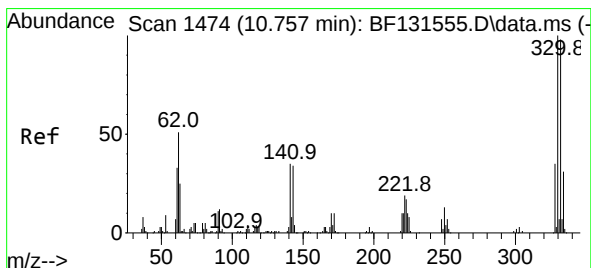
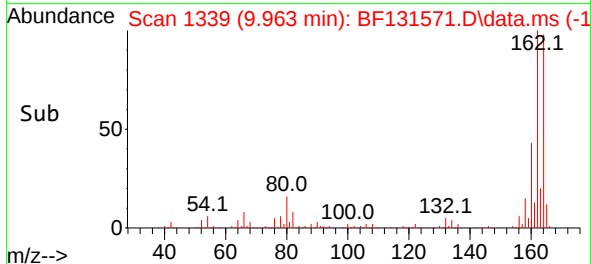
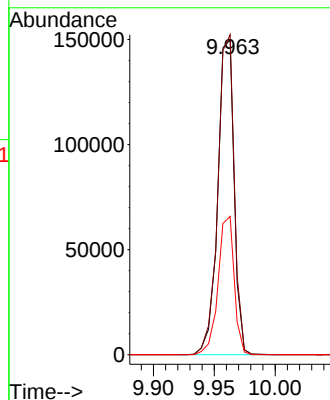
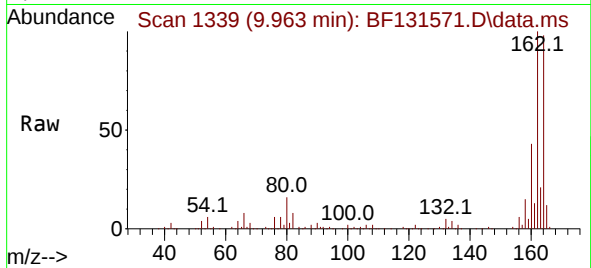




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

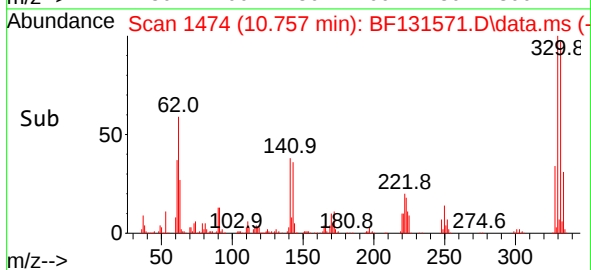
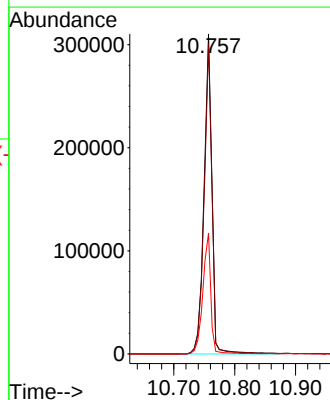
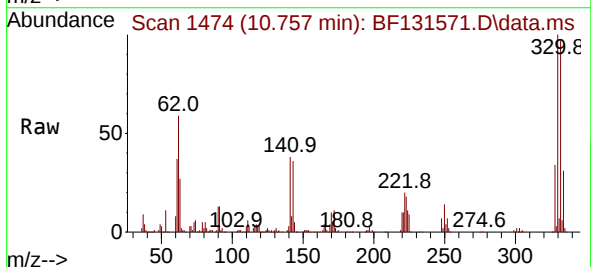
Instrument :
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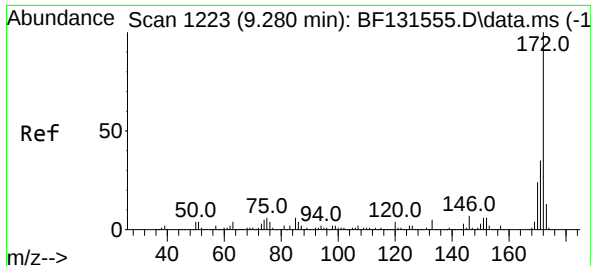
Tgt Ion:164 Resp: 140283
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 44.0 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 180.359 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Tgt Ion:330 Resp: 281105
Ion Ratio Lower Upper
330 100
332 94.6 78.3 117.5
141 38.0 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 94.753 ng

RT: 9.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

Instrument :

BNA_F

ClientSampleId :

MH-19

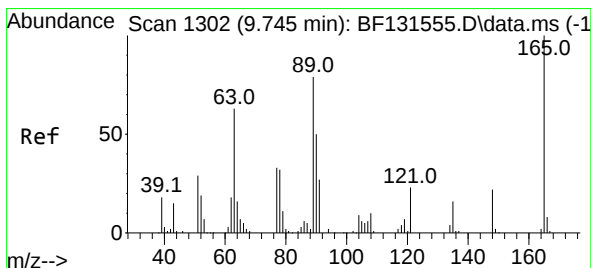
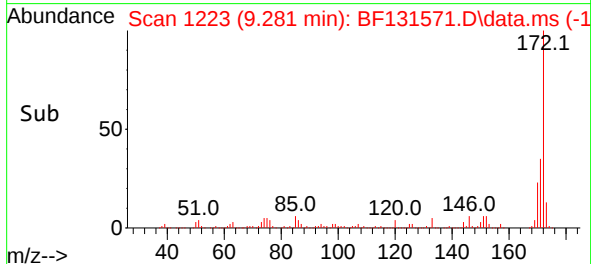
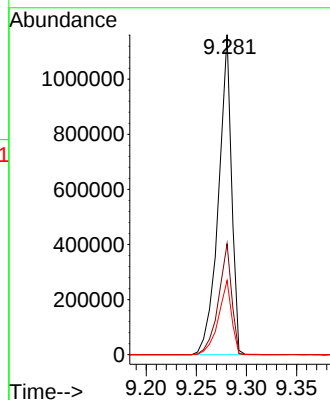
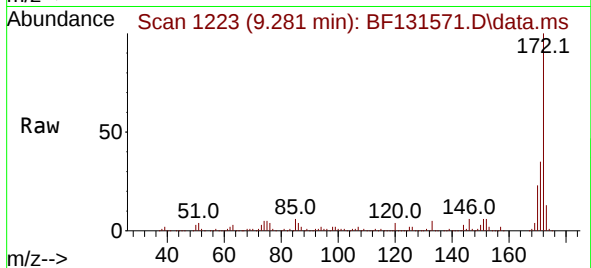
Tgt Ion:172 Resp: 1054212

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.2 19.3 28.9



#51

2,6-Dinitrotoluene

Concen: 7.950 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.218 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

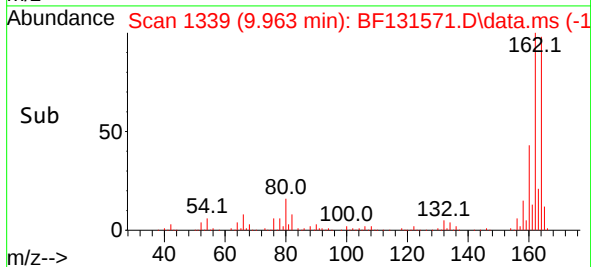
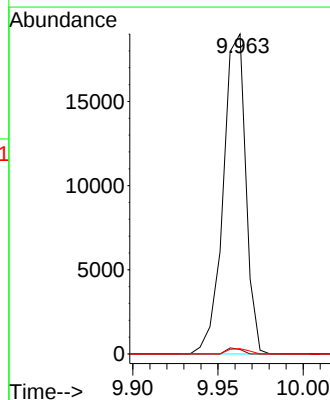
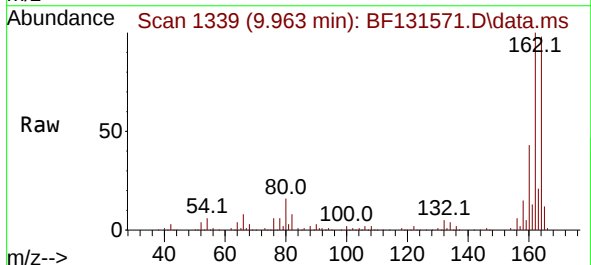
Tgt Ion:165 Resp: 17552

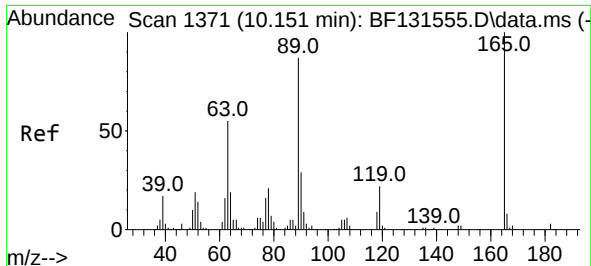
Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 1.7 63.2 94.8#

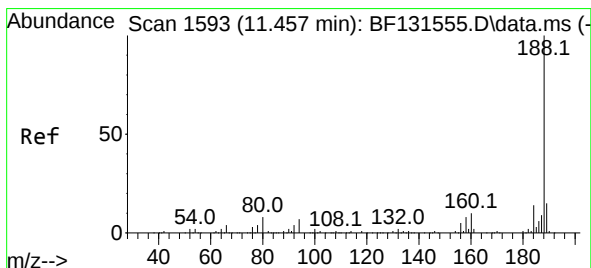
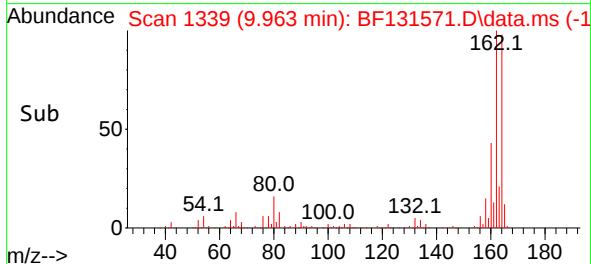
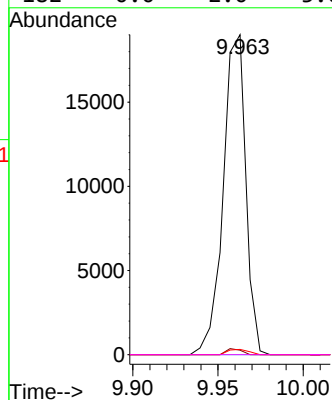
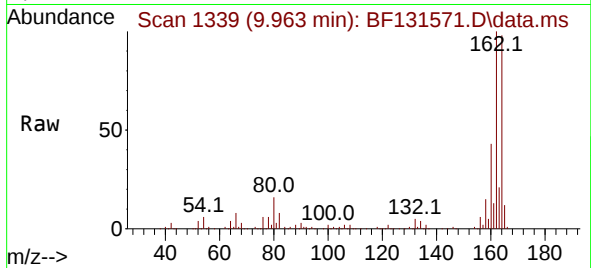




#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

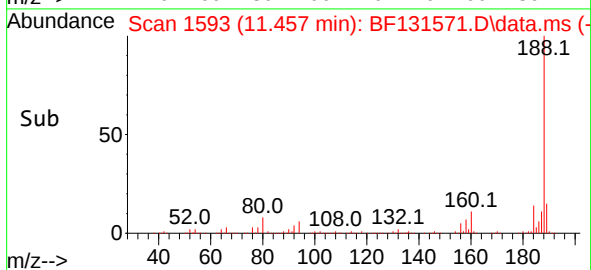
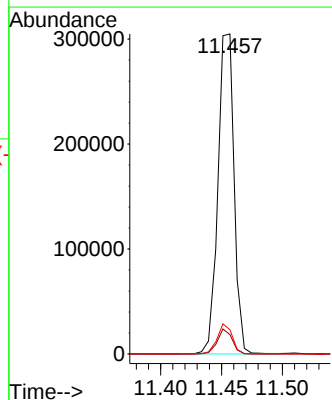
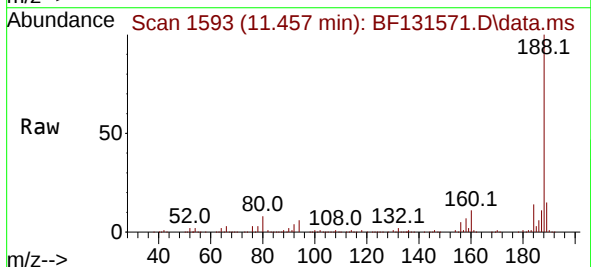
Instrument :
BNA_F
ClientSampleId :
MH-19

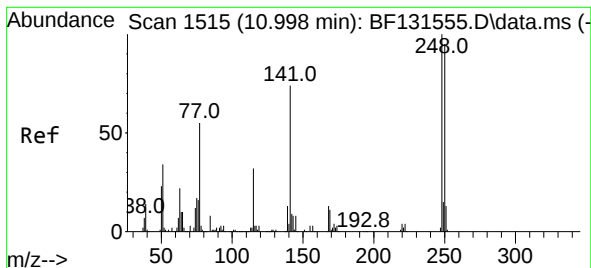
Tgt Ion:165 Resp: 17552
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 1.7 69.6 104.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Tgt Ion:188 Resp: 282807
Ion Ratio Lower Upper
188 100
94 6.1 5.5 8.3
80 7.5 6.6 10.0

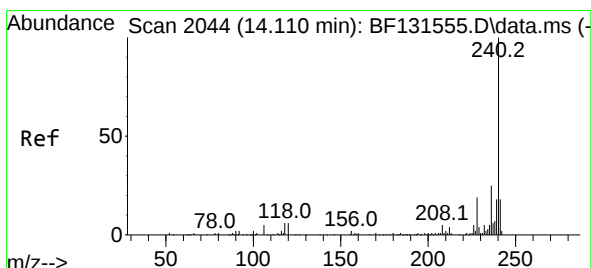
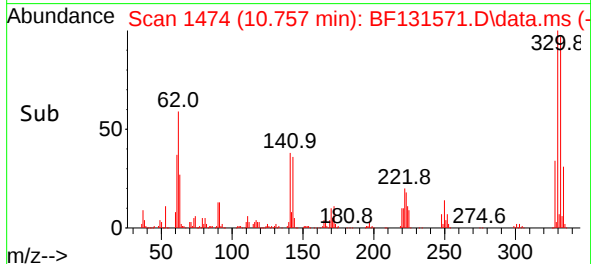
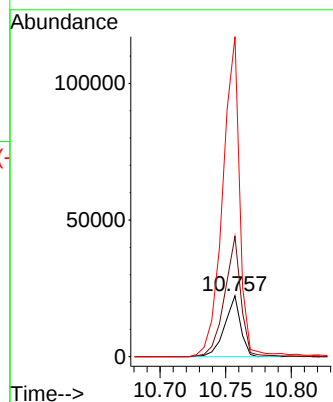
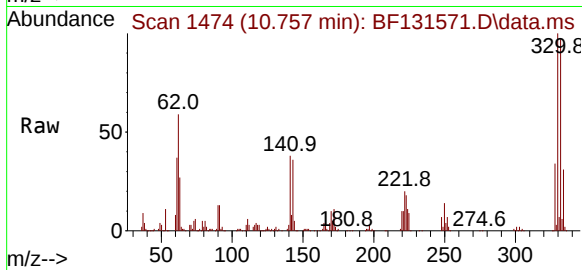




#67
4-Bromophenyl-phenylether
Concen: 5.184 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

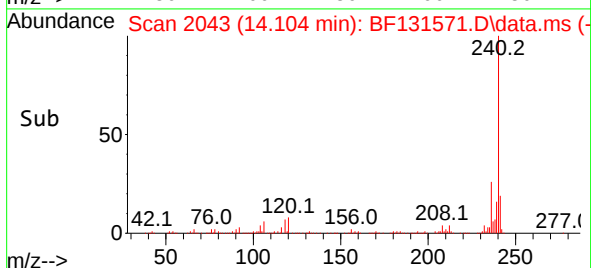
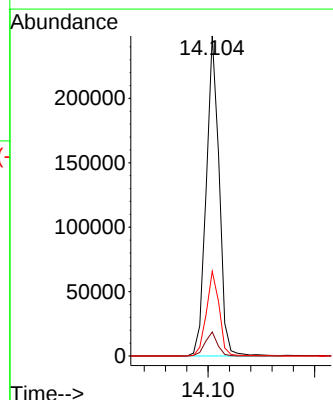
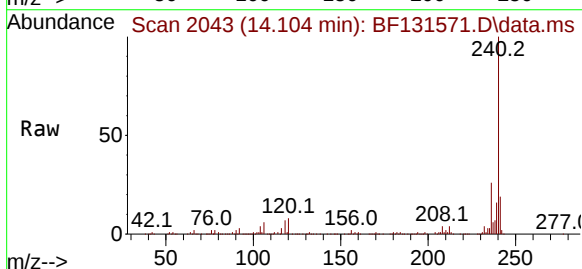
Instrument :
BNA_F
ClientSampleId :
MH-19

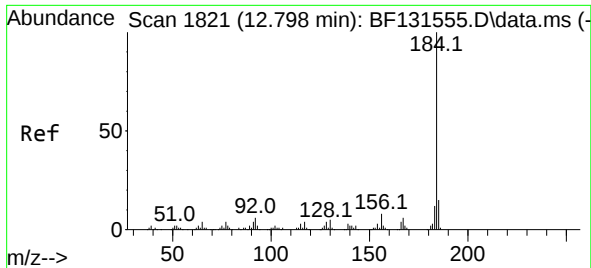
Tgt Ion:248 Resp: 18861
Ion Ratio Lower Upper
248 100
250 197.3 76.2 114.2#
141 524.4 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Tgt Ion:240 Resp: 210199
Ion Ratio Lower Upper
240 100
120 7.5 4.6 7.0#
236 26.5 20.2 30.2

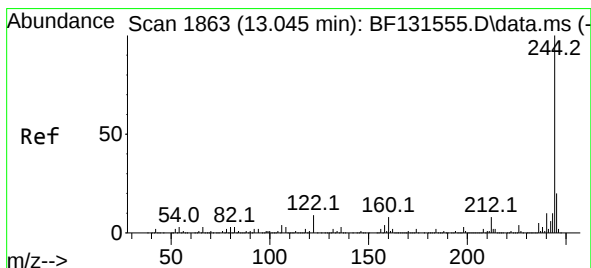
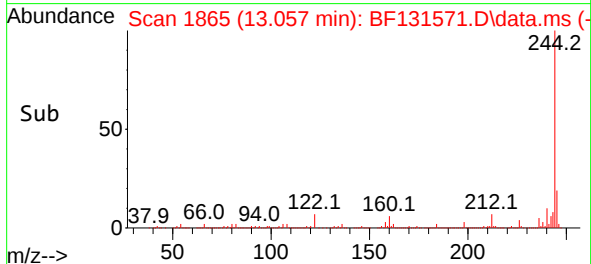
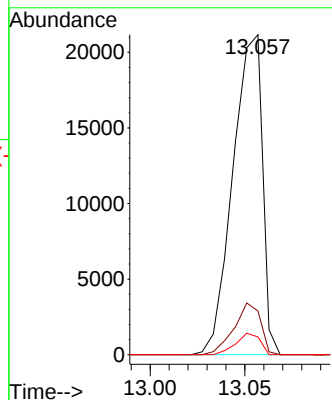
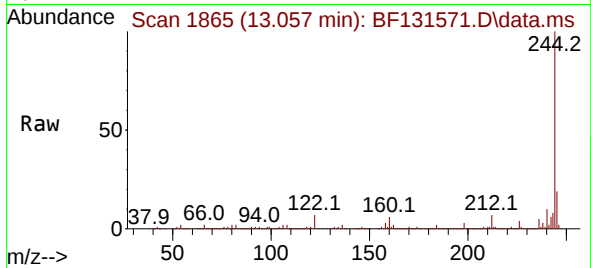




#77
Benzidine
Concen: 4.083 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.259 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

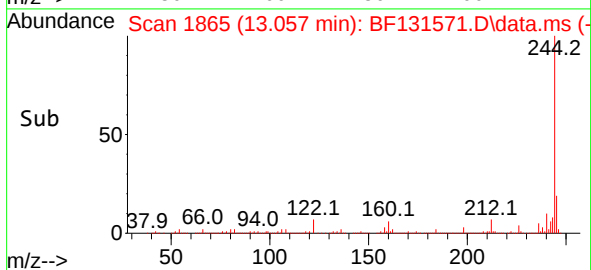
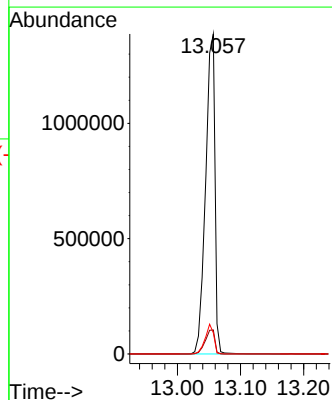
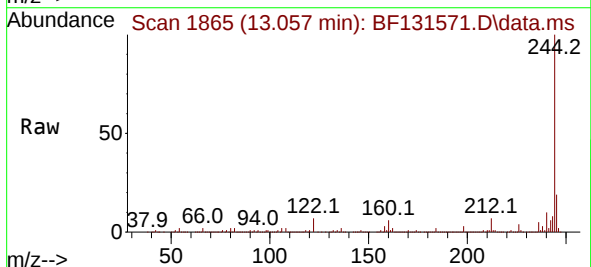
Instrument :
BNA_F
ClientSampleId :
MH-19

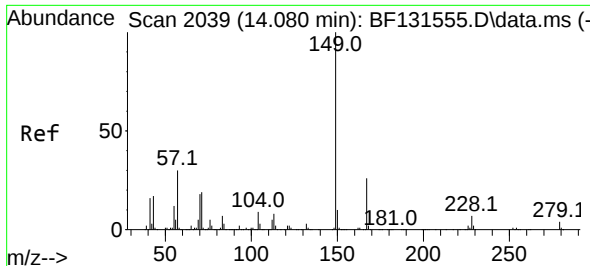
Tgt Ion:184 Resp: 22996
Ion Ratio Lower Upper
184 100
185 13.7 12.2 18.2
183 5.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 93.279 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.012 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Tgt Ion:244 Resp: 1429721
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.6 7.1 10.7#

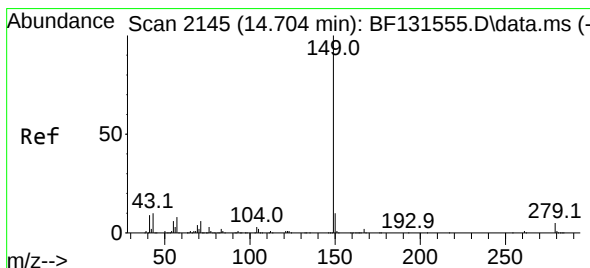
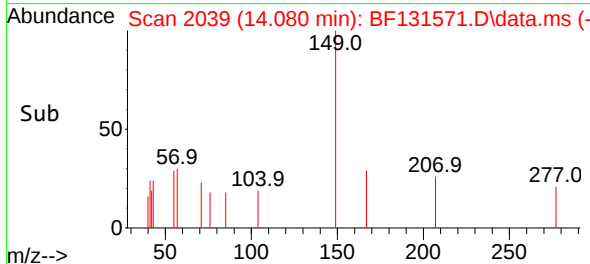
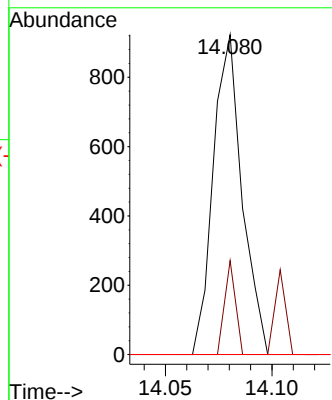
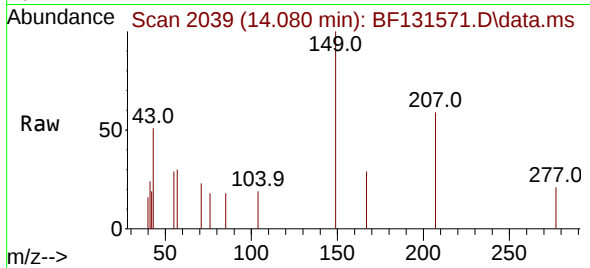




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.132 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131571.D
 Acq: 09 Dec 2022 17:36

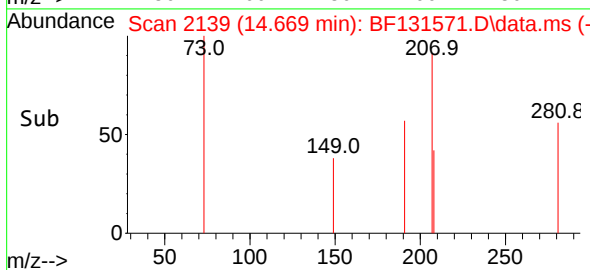
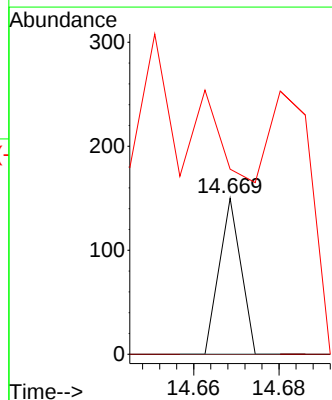
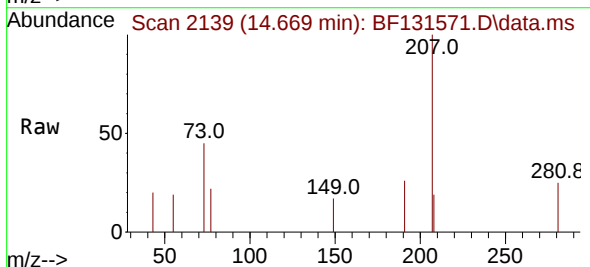
Instrument :
 BNA_F
 ClientSampleId :
 MH-19

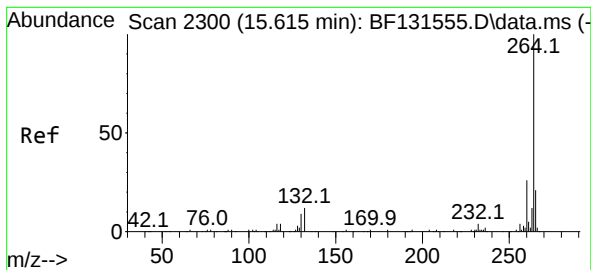
Tgt Ion:149 Resp: 867
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.8 31.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.222 ng
 RT: 14.669 min Scan# 2139
 Delta R.T. -0.035 min
 Lab File: BF131571.D
 Acq: 09 Dec 2022 17:36

Tgt Ion:149 Resp: 53
 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: 15.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131571.D
Acq: 09 Dec 2022 17:36

Instrument :
BNA_F
ClientSampleId :
MH-19

Tgt Ion:264 Resp: 187286

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.6	30.8
265	20.5	16.8	25.2

