

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131765.D
 Acq On : 22 Dec 2022 01:38
 Operator : CG\JU
 Sample : N6151-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-01-(0-2)

Quant Time: Dec 22 05:53:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

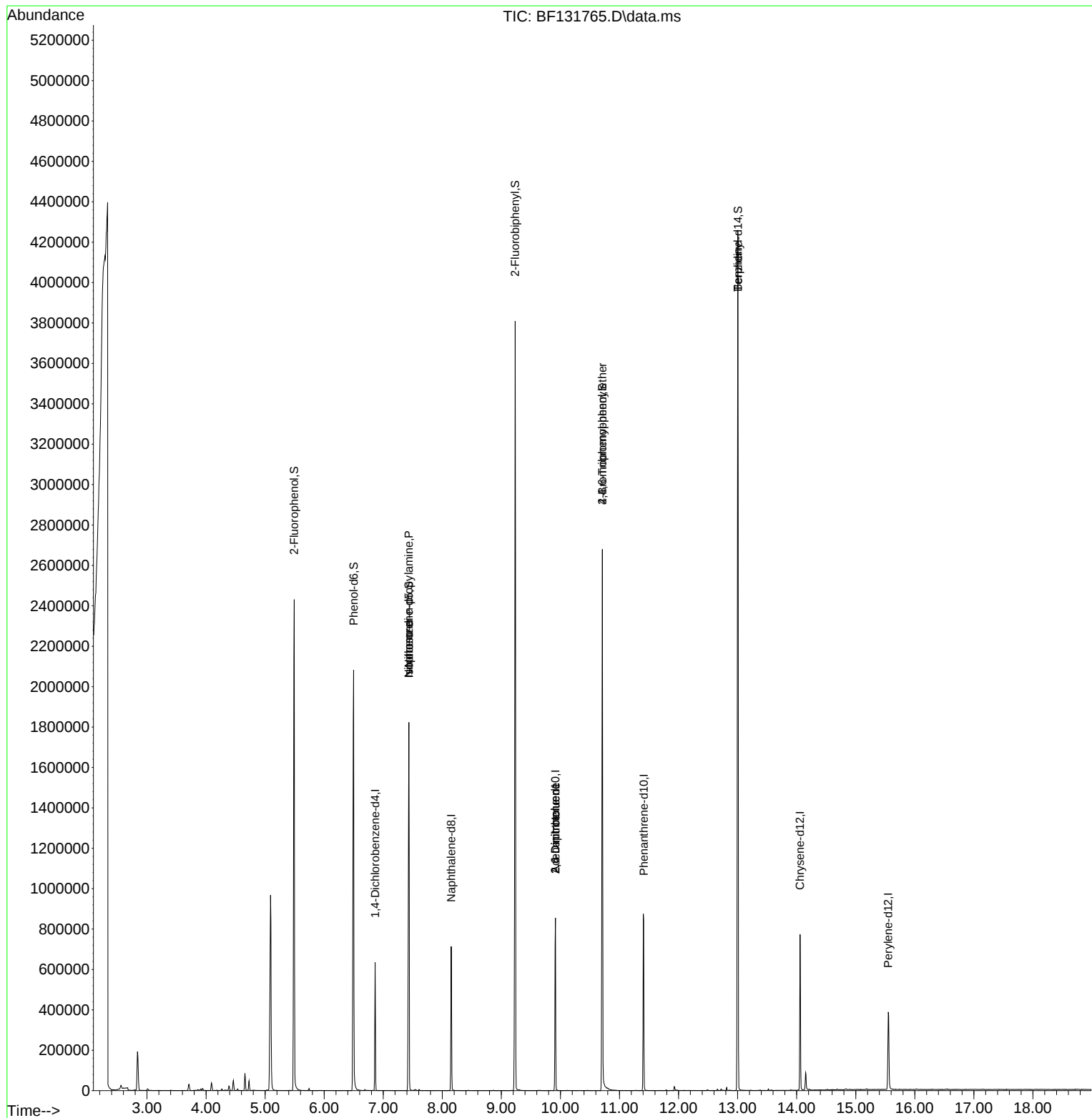
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77228	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	277801	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	164980	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	333374	20.000	ng	0.00
76) Chrysene-d12	14.057	240	243649	20.000	ng	0.00
86) Perylene-d12	15.551	264	198568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	645901	140.833	ng	0.02
7) Phenol-d6	6.498	99	739589	119.810	ng	0.00
23) Nitrobenzene-d5	7.434	82	681229	99.551	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	310086	171.720	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1187593	100.837	ng	0.00
79) Terphenyl-d14	13.004	244	1592817	101.886	ng	0.00
Target Compounds						
9) Benzaldehyde	6.498	77	1281	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	7.434	70	94920	21.321	ng	# 80
25) Isophorone	7.434	82	679390	58.461	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	21129	7.916	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	21129	5.891	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	20207	5.132	ng	# 1
77) Benzydine	13.004	184	22917	5.129	ng	# 89

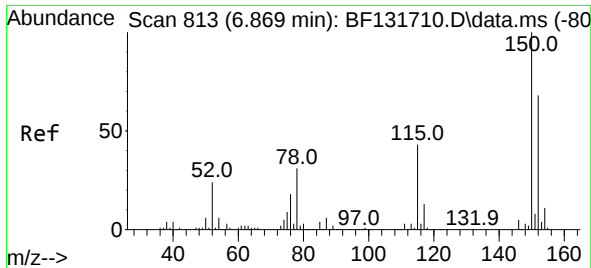
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-01-(0-2)

Quant Time: Dec 22 05:53:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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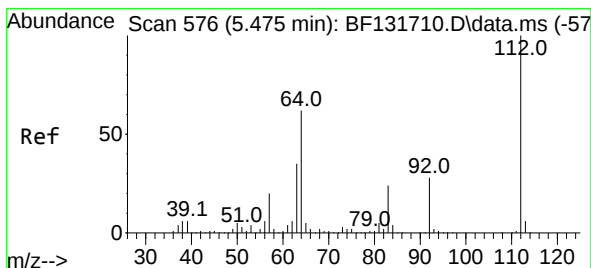
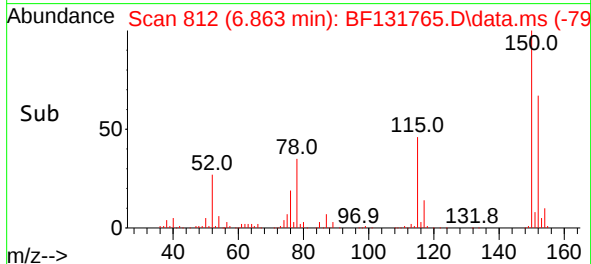
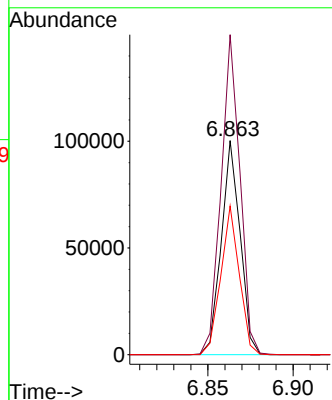
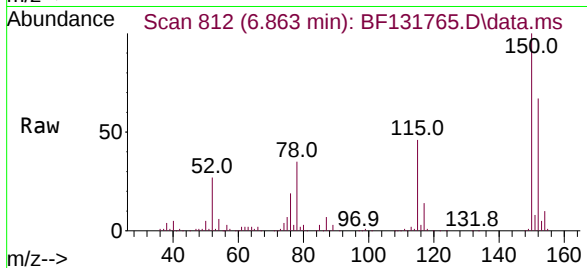




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

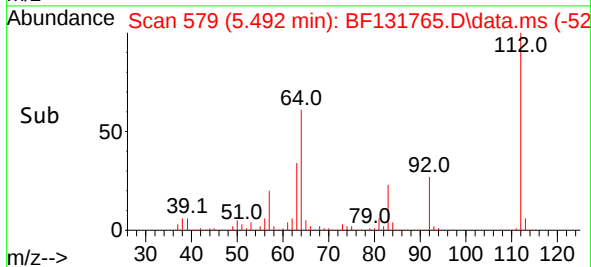
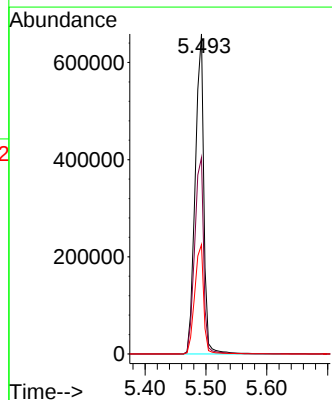
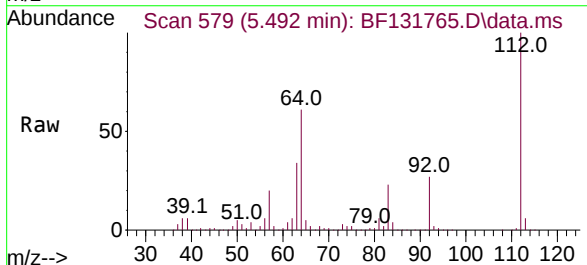
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

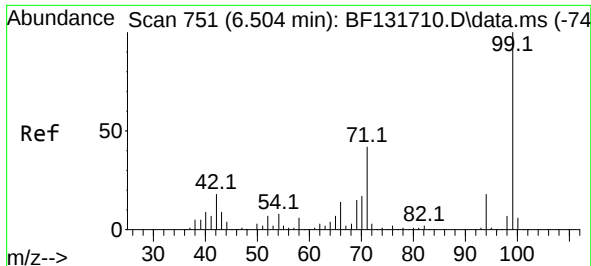
Tgt Ion:152 Resp: 77228
Ion Ratio Lower Upper
152 100
150 149.4 117.4 176.0
115 69.4 50.2 75.4



#5
2-Fluorophenol
Concen: 140.833 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion:112 Resp: 645901
Ion Ratio Lower Upper
112 100
64 61.4 49.5 74.3
63 34.2 28.2 42.2

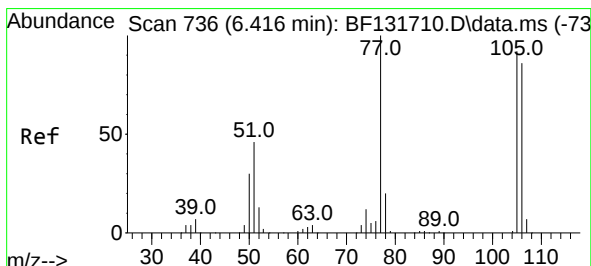
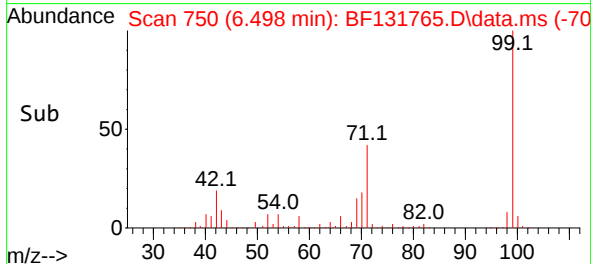
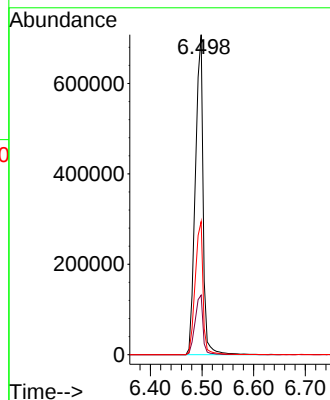
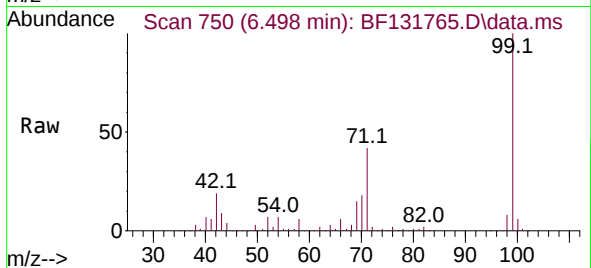




#7
Phenol-d6
Concen: 119.810 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

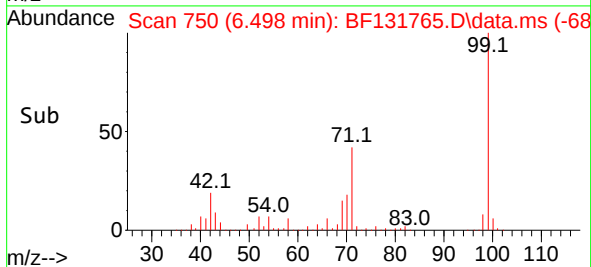
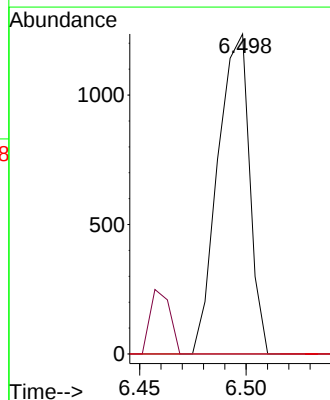
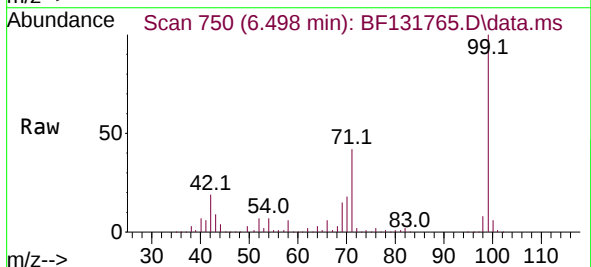
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

Tgt Ion: 99 Resp: 739589
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 41.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion: 77 Resp: 1281
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

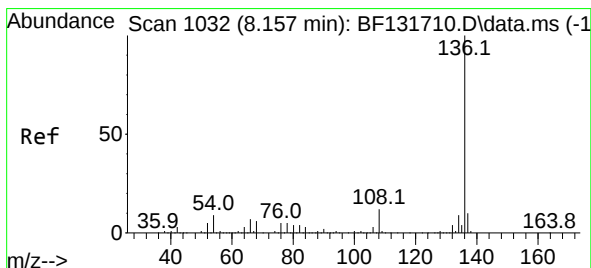
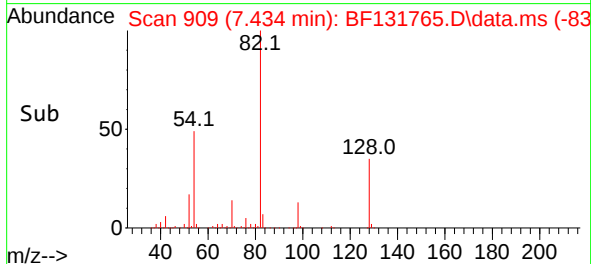
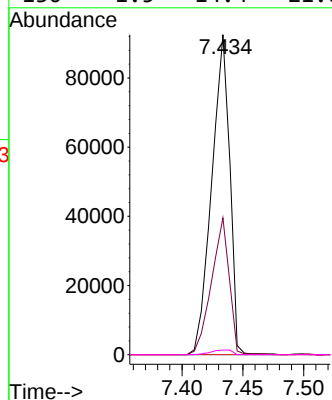
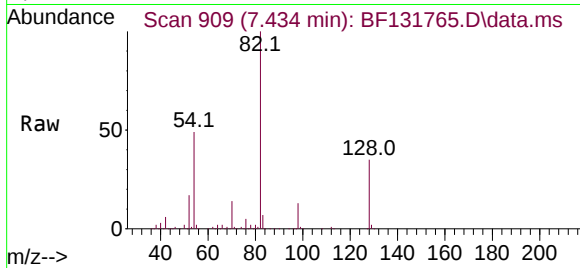




#19
n-Nitroso-di-n-propylamine
Concen: 21.321 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

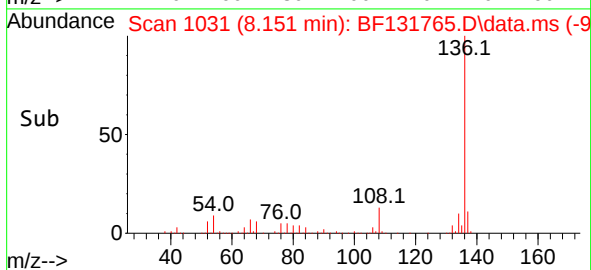
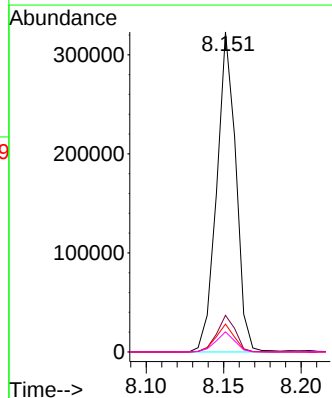
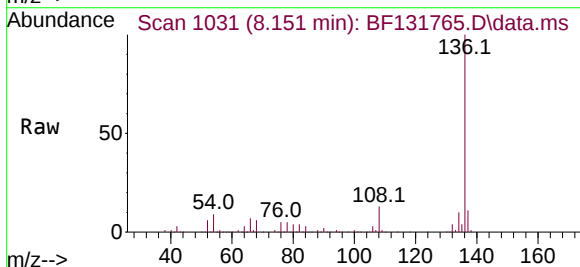
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

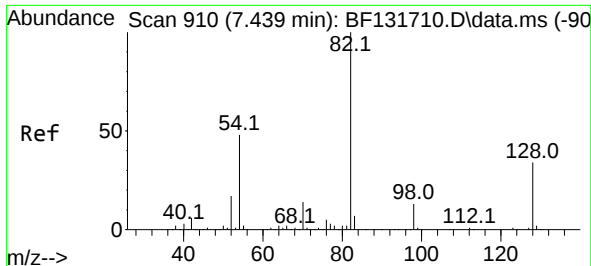
Tgt Ion: 70 Resp: 94920
Ion Ratio Lower Upper
70 100
42 42.7 41.5 62.3
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion: 136 Resp: 277801
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.7 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 99.551 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131765.D

Acq: 22 Dec 2022 01:38

Instrument :

BNA_F

ClientSampleId :

FS-01-(0-2)

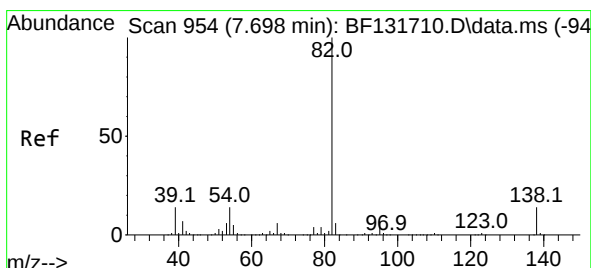
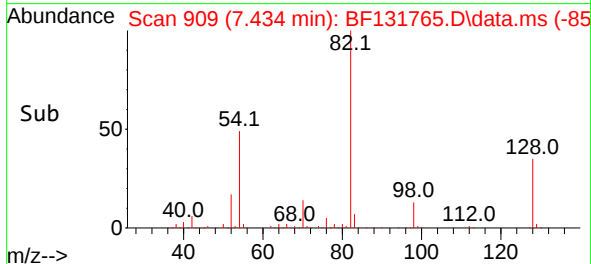
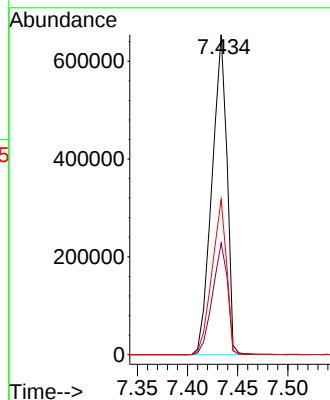
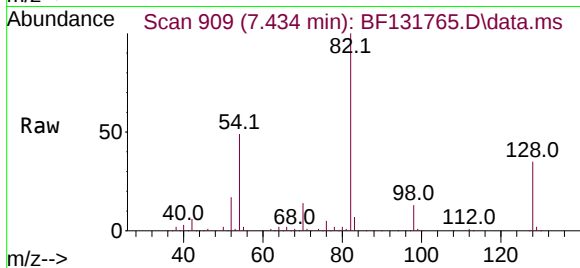
Tgt Ion: 82 Resp: 681229

Ion Ratio Lower Upper

82 100

128 34.9 27.3 40.9

54 48.5 38.2 57.2



#25

Isophorone

Concen: 58.461 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131765.D

Acq: 22 Dec 2022 01:38

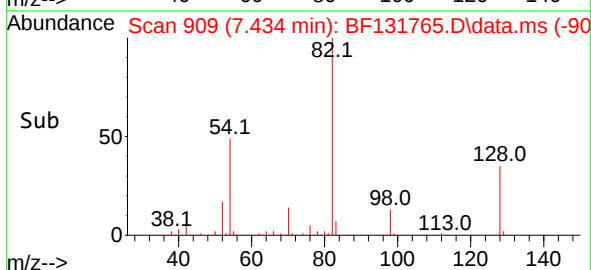
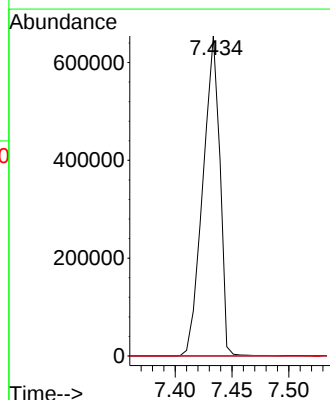
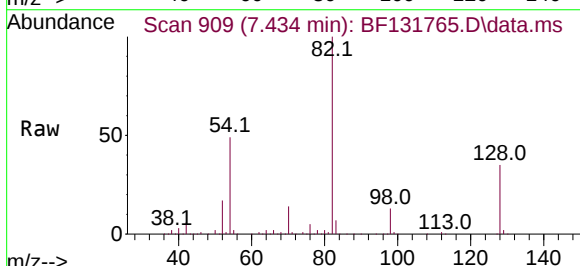
Tgt Ion: 82 Resp: 679390

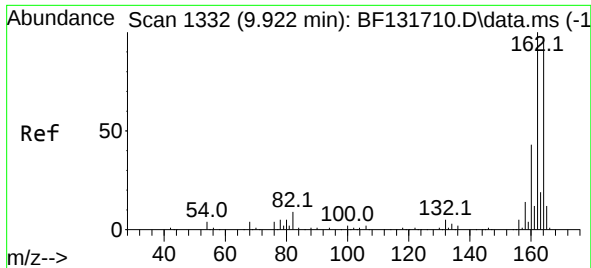
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

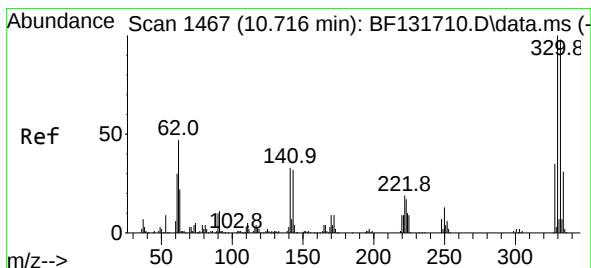
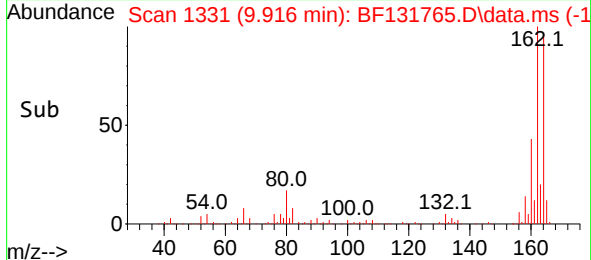
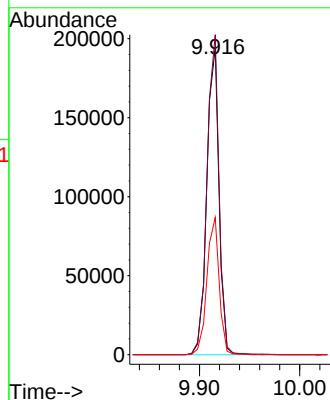
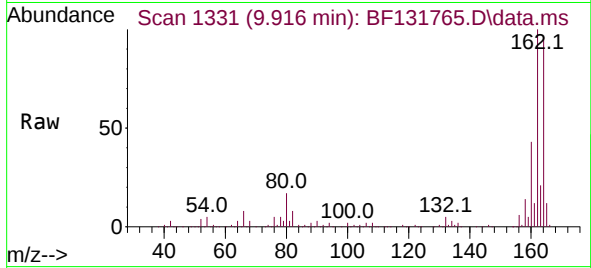




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

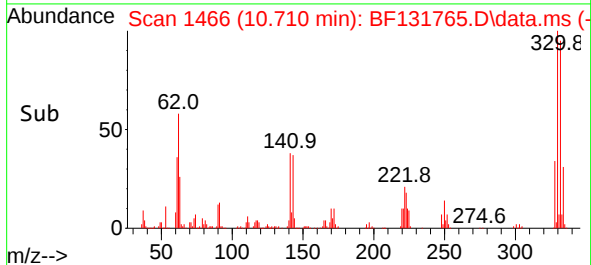
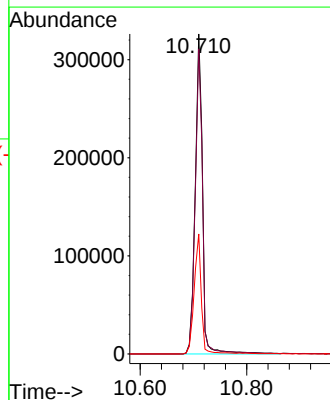
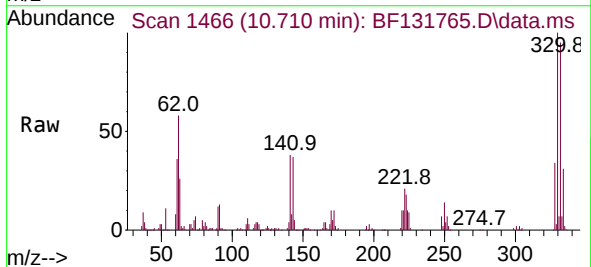
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

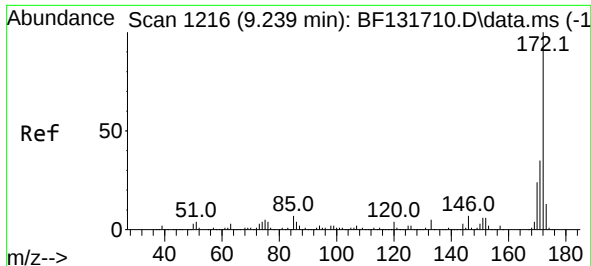
Tgt Ion:164 Resp: 164980
Ion Ratio Lower Upper
164 100
162 104.2 83.7 125.5
160 44.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 171.720 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion:330 Resp: 310086
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 36.8 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 100.837 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131765.D

Acq: 22 Dec 2022 01:38

Instrument :

BNA_F

ClientSampleId :

FS-01-(0-2)

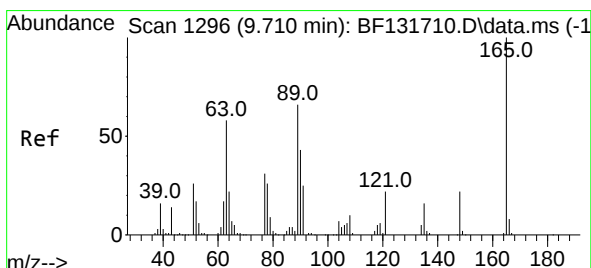
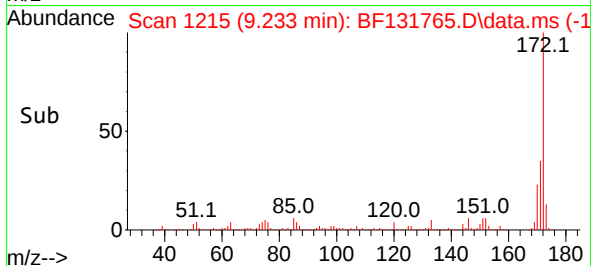
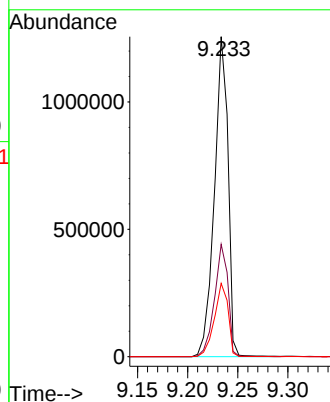
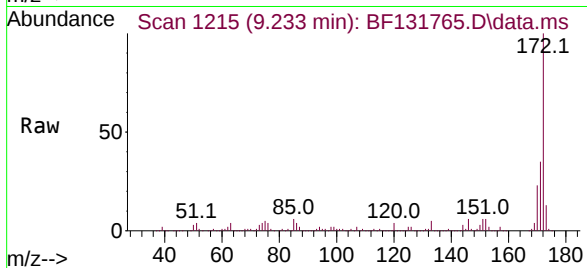
Tgt Ion:172 Resp: 1187593

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.9 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.916 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131765.D

Acq: 22 Dec 2022 01:38

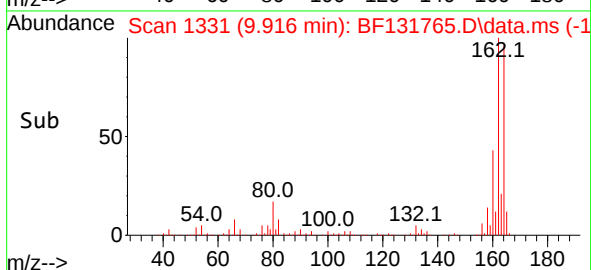
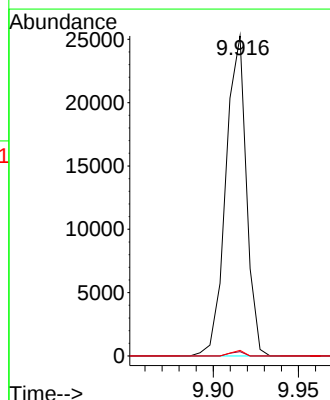
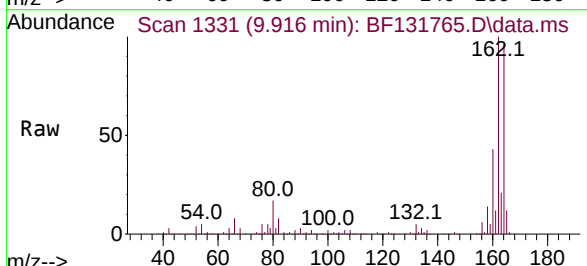
Tgt Ion:165 Resp: 21129

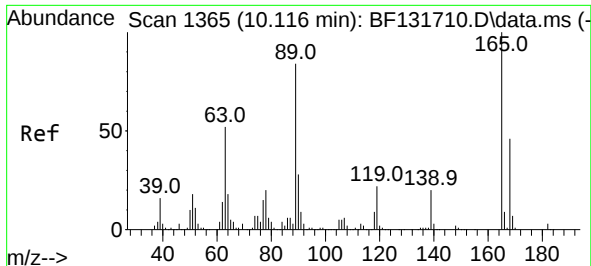
Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

89 1.8 53.2 79.8#

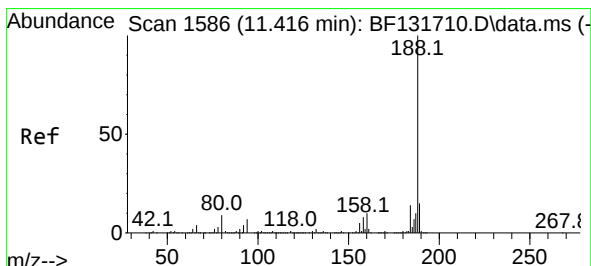
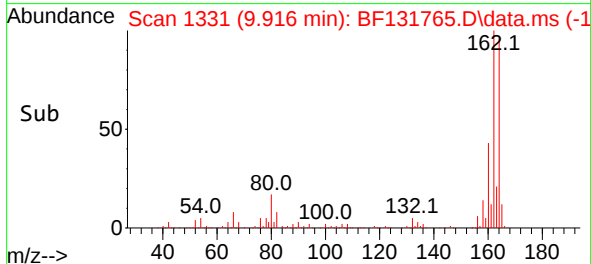
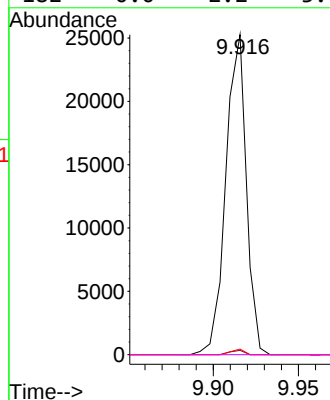
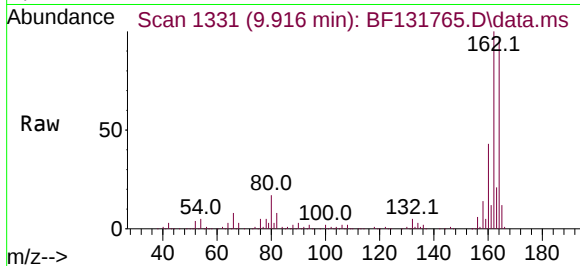




#57
2,4-Dinitrotoluene
Concen: 5.891 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

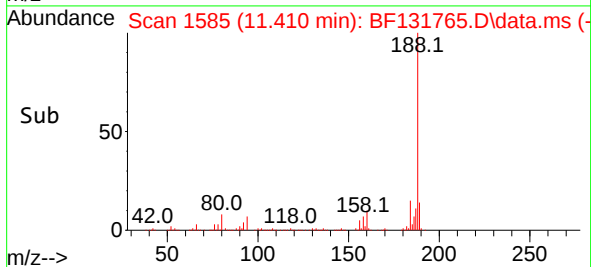
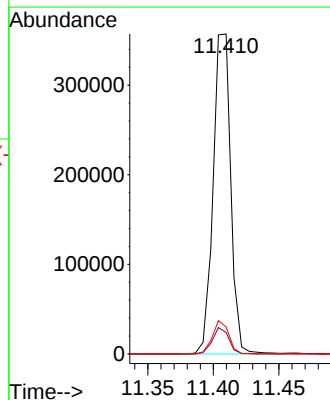
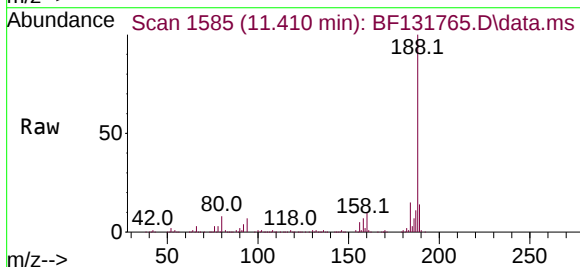
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

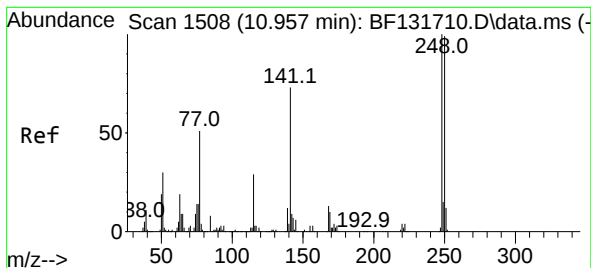
Tgt Ion:165 Resp: 21129
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 1.8 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion:188 Resp: 333374
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.4 7.0 10.6

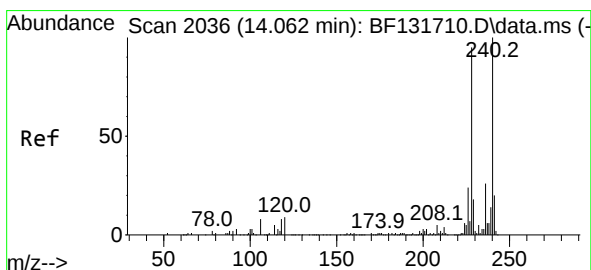
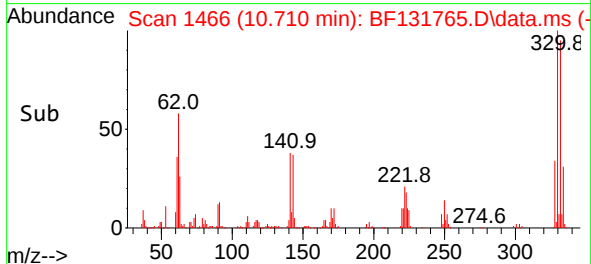
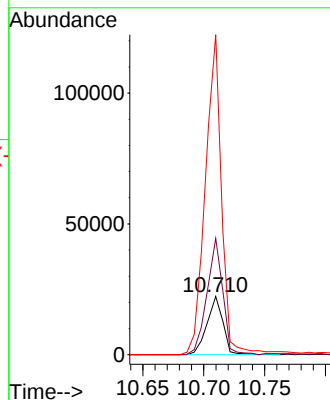
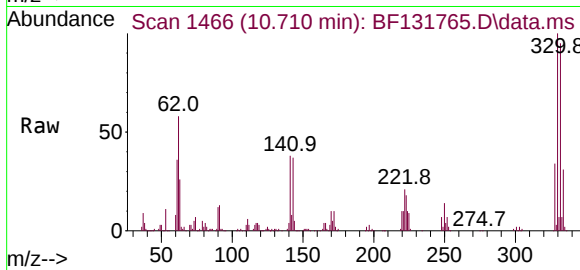




#67
4-Bromophenyl-phenylether
Concen: 5.132 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

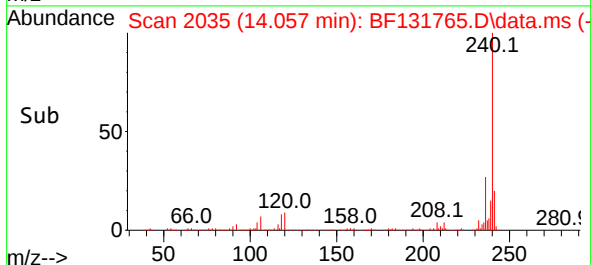
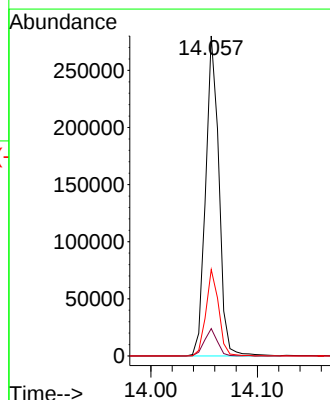
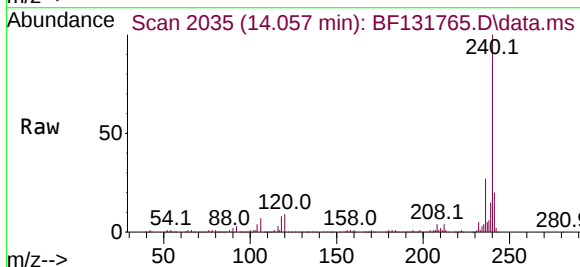
Instrument :
BNA_F
ClientSampleId :
FS-01-(0-2)

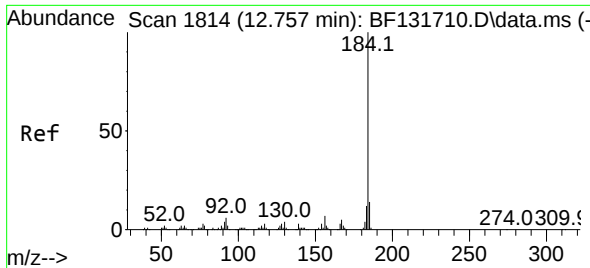
Tgt Ion:248 Resp: 20207
Ion Ratio Lower Upper
248 100
250 199.9 79.4 119.0#
141 550.1 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

Tgt Ion:240 Resp: 243649
Ion Ratio Lower Upper
240 100
120 8.6 7.6 11.4
236 27.0 21.2 31.8

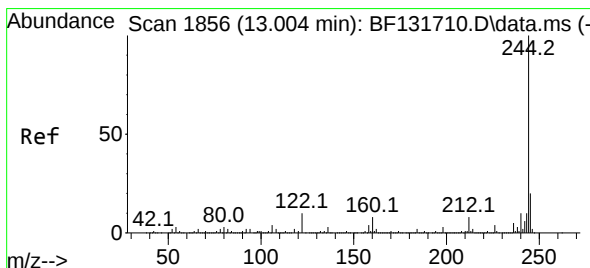
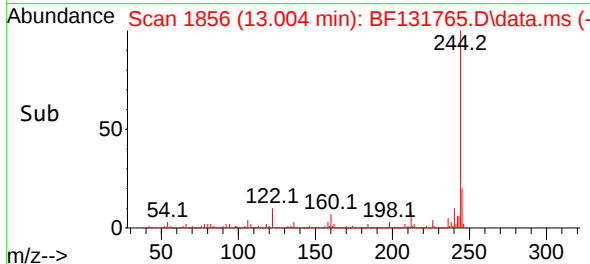
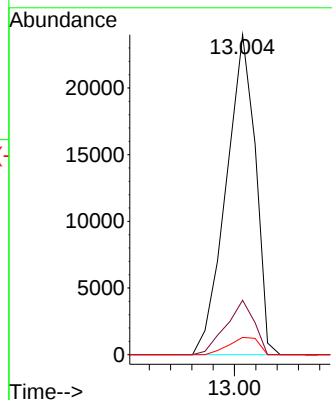
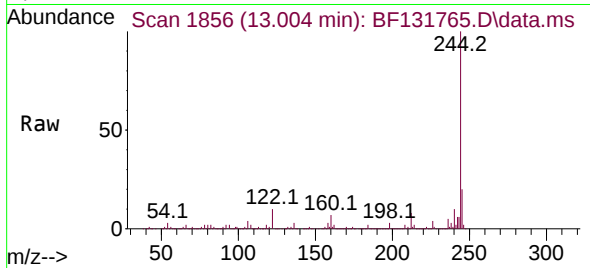




#77
Benzidine
Concen: 5.129 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

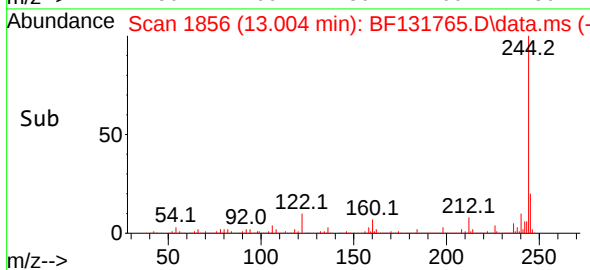
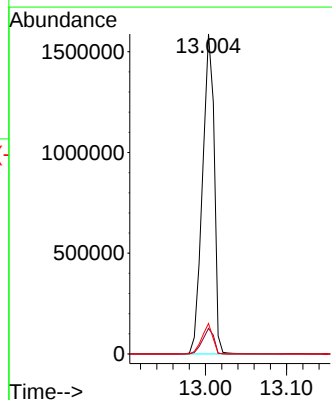
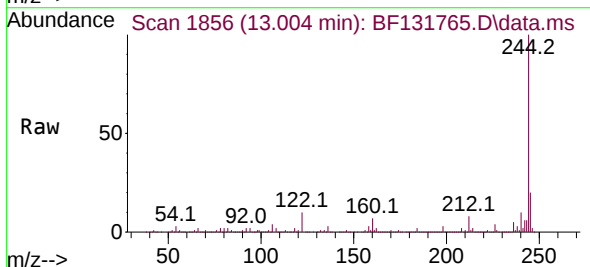
Instrument : BNA_F
ClientSampleId : FS-01-(0-2)

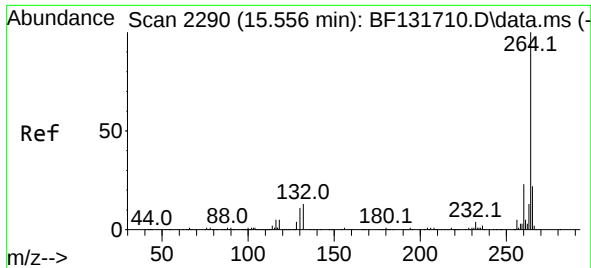
Tgt Ion:184 Resp: 22917
Ion Ratio Lower Upper
184 100
185 17.0 11.3 16.9#
183 5.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 101.886 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131765.D
Acq: 22 Dec 2022 01:38

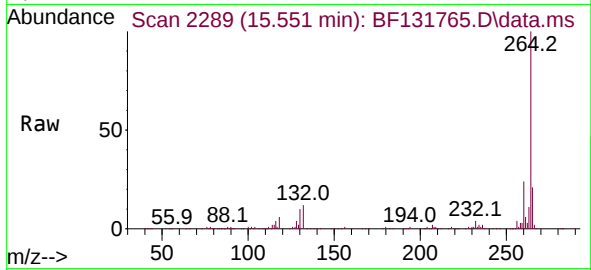
Tgt Ion:244 Resp: 1592817
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.5 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131765.D
 Acq: 22 Dec 2022 01:38

Instrument :
 BNA_F
 ClientSampleId :
 FS-01-(0-2)



Tgt Ion:264 Resp: 198568
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.5 17.4 26.2

