

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131759.D
 Acq On : 21 Dec 2022 22:32
 Operator : CG\JU
 Sample : N6129-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:51:20 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)

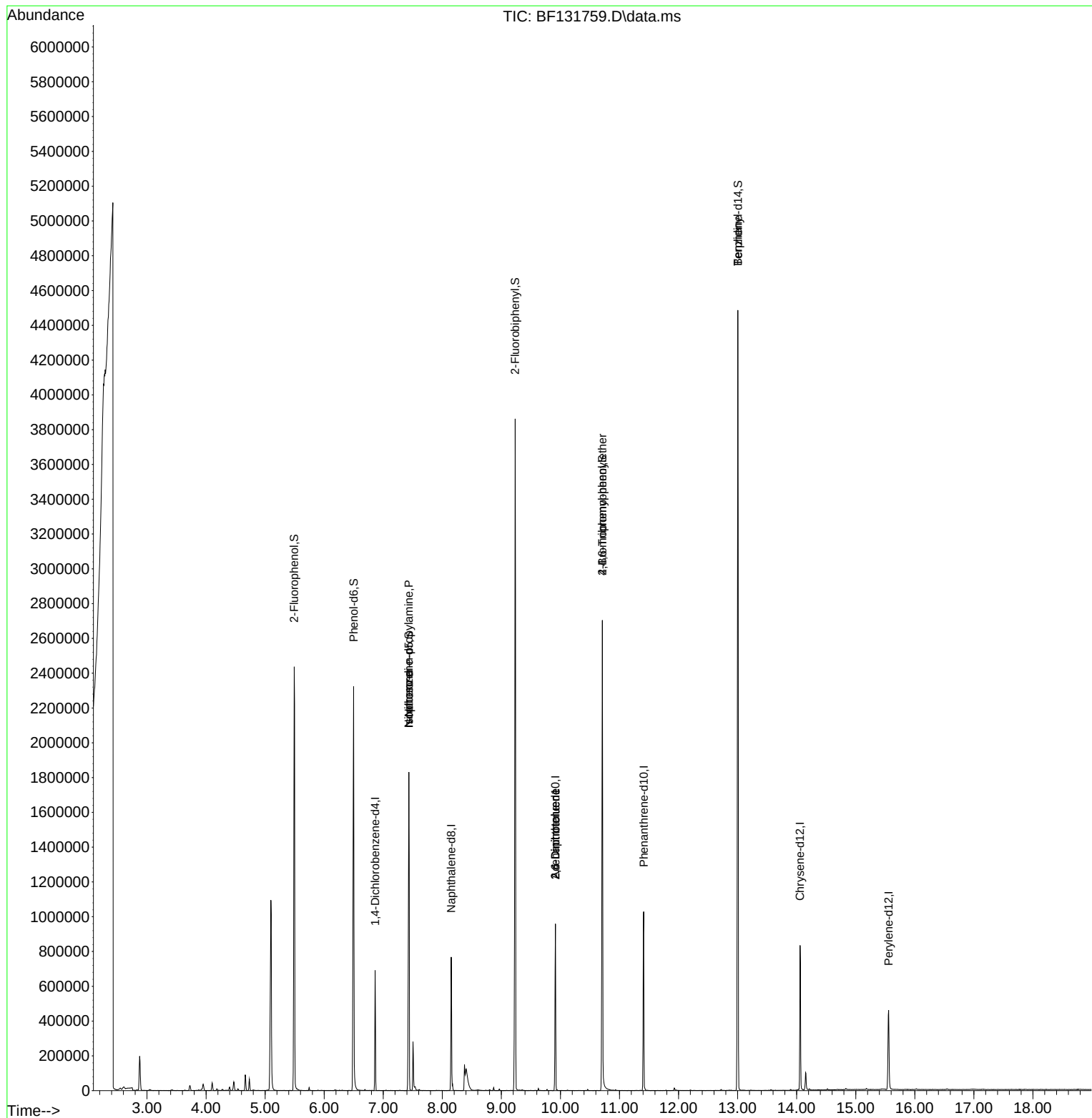
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84376	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306208	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	182848	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	369617	20.000	ng	0.00
76) Chrysene-d12	14.057	240	280457	20.000	ng	0.00
86) Perylene-d12	15.557	264	234354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	687787	137.261	ng	0.02
7) Phenol-d6	6.498	99	813030	120.549	ng	0.00
23) Nitrobenzene-d5	7.434	82	699219	92.701	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	316140	157.964	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1225051	93.853	ng	0.00
79) Terphenyl-d14	13.004	244	1661505	92.331	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	327	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.434	70	98291	20.207	ng	# 80
25) Isophorone	7.434	82	697818	54.476	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	23157	7.828	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	23157	5.825	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	20784	4.761	ng	# 1
77) Benzidine	13.004	184	24803	4.823	ng	# 90

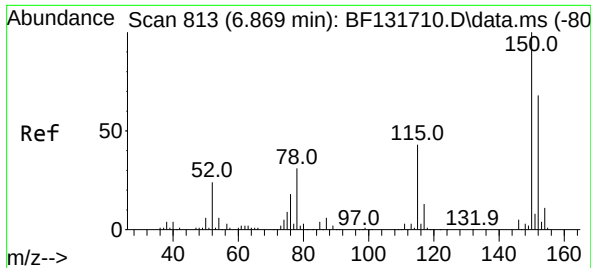
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131759.D
Acq On : 21 Dec 2022 22:32
Operator : CG\JU
Sample : N6129-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

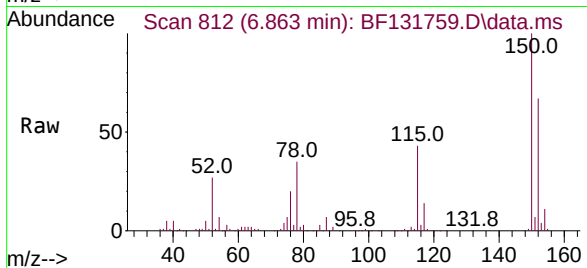
Quant Time: Dec 22 05:51:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration



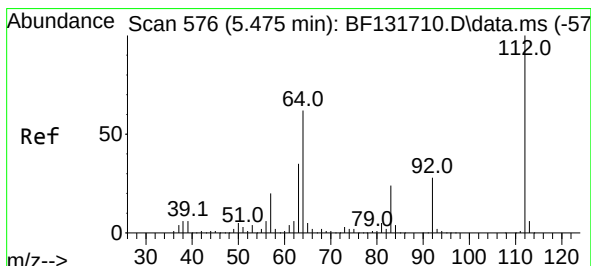
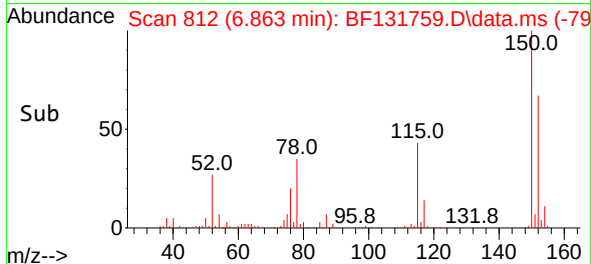
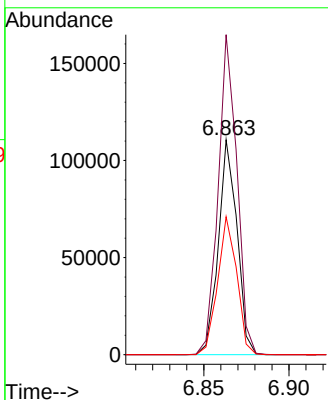


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Instrument :
BNA_F
ClientSampleId :

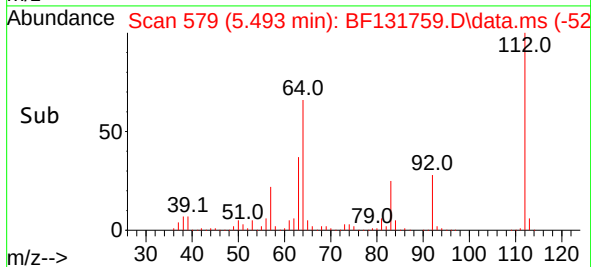
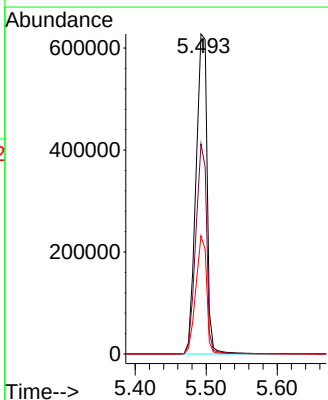
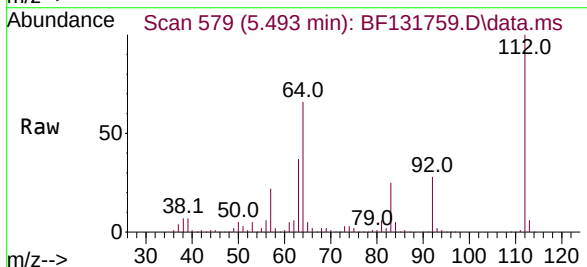


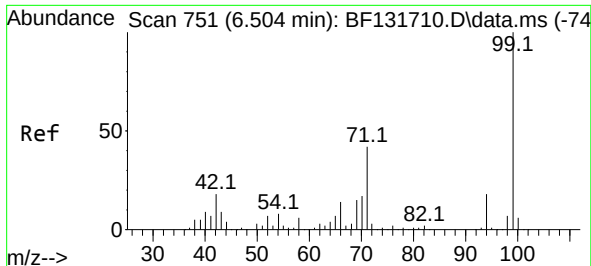
Tgt Ion:152 Resp: 84376
Ion Ratio Lower Upper
152 100
150 148.9 117.4 176.0
115 64.2 50.2 75.4



#5
2-Fluorophenol
Concen: 137.261 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Tgt Ion:112 Resp: 687787
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 36.9 28.2 42.2

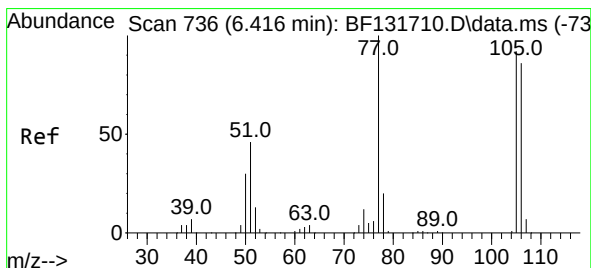
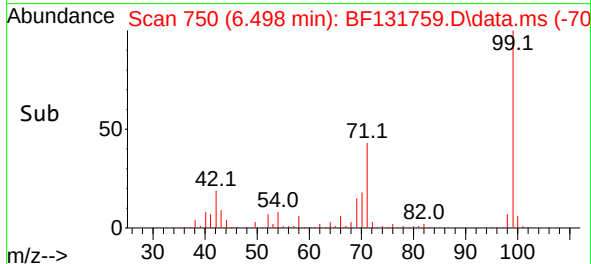
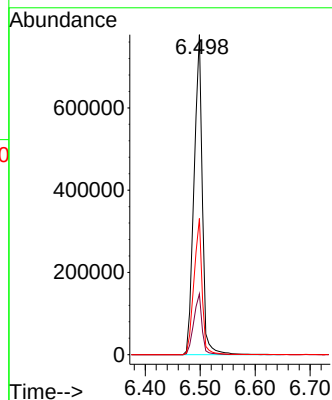
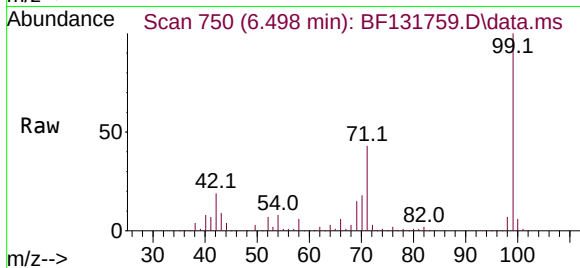




#7
Phenol-d6
Concen: 120.549 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

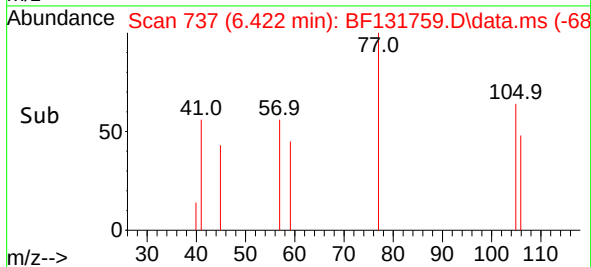
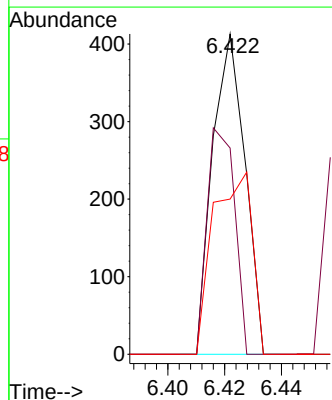
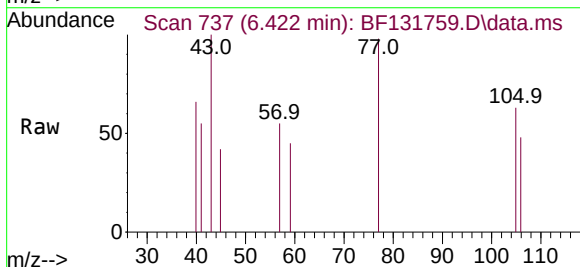
Instrument :
BNA_F
ClientSampleId :

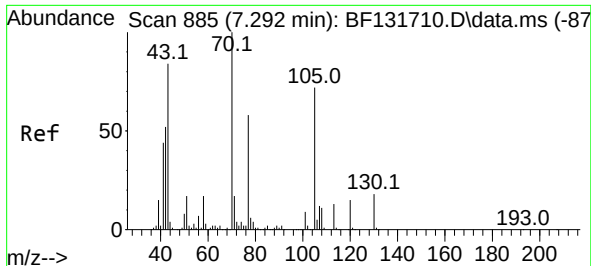
Tgt Ion: 99 Resp: 813030
Ion Ratio Lower Upper
99 100
42 19.0 14.8 22.2
71 42.5 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

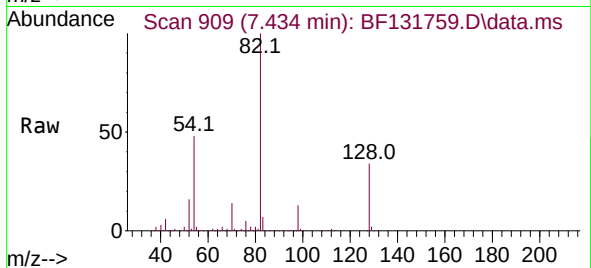
Tgt Ion: 77 Resp: 327
Ion Ratio Lower Upper
77 100
105 64.4 72.4 112.4#
106 48.4 66.5 106.5#



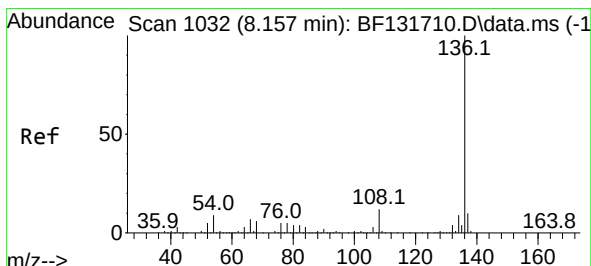
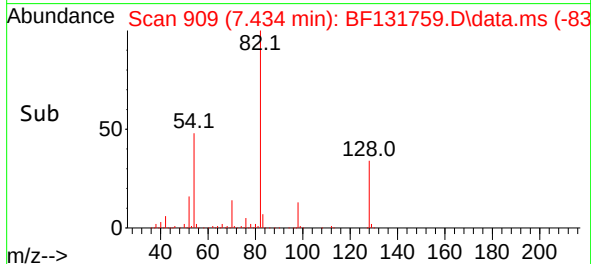
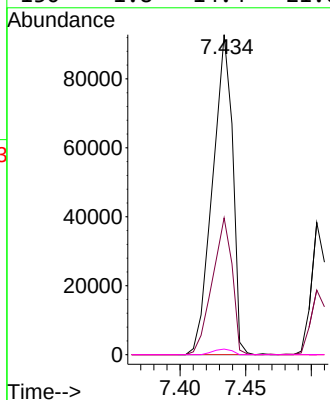


#19
n-Nitroso-di-n-propylamine
Concen: 20.207 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Instrument :
BNA_F
ClientSampleId :

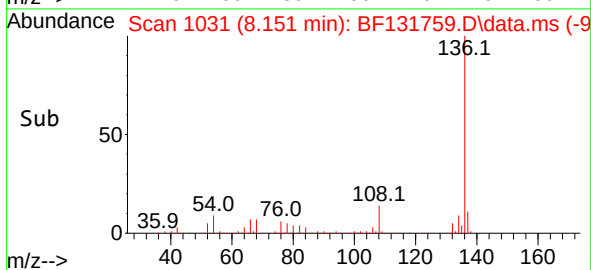
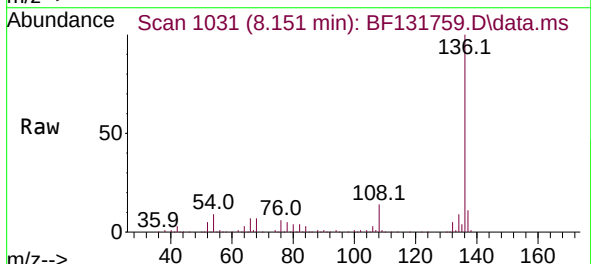
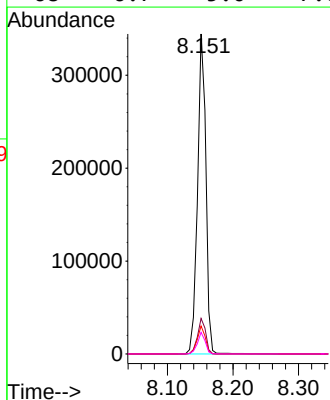


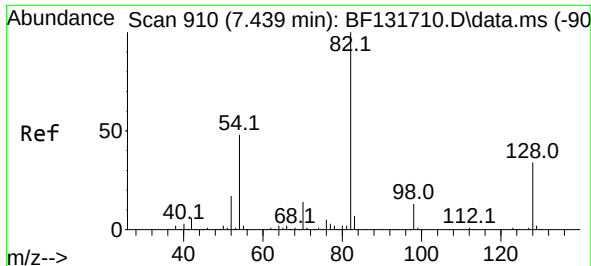
Tgt Ion: 70 Resp: 98291
Ion Ratio Lower Upper
70 100
42 42.8 41.5 62.3
101 0.0 7.3 10.9#
130 1.8 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Tgt Ion: 136 Resp: 306208
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.8 7.2 10.8
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 92.701 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :

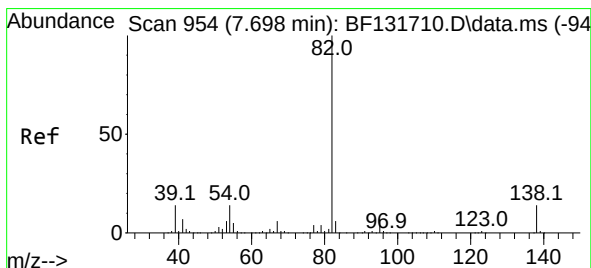
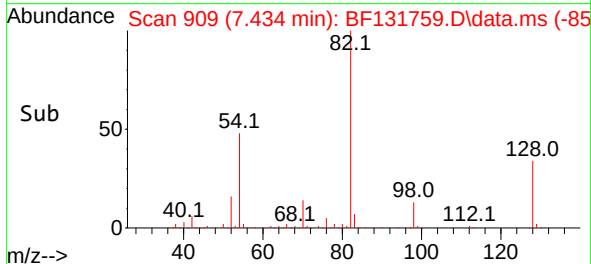
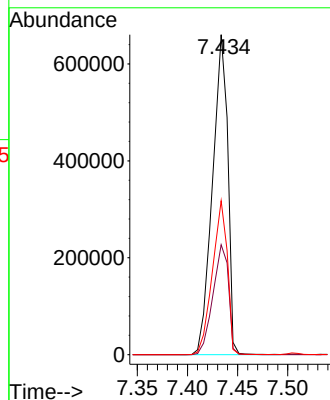
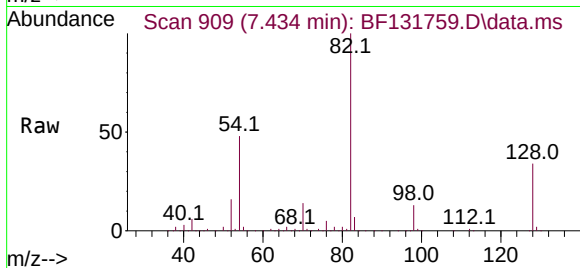
Tgt Ion: 82 Resp: 699219

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 48.1 38.2 57.2



#25

Isophorone

Concen: 54.476 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

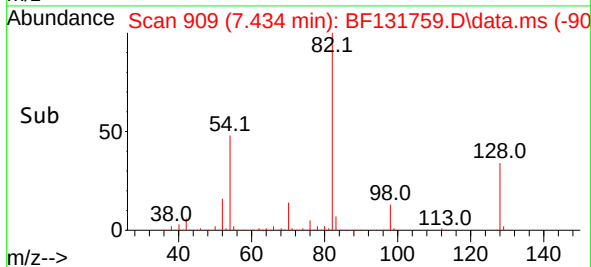
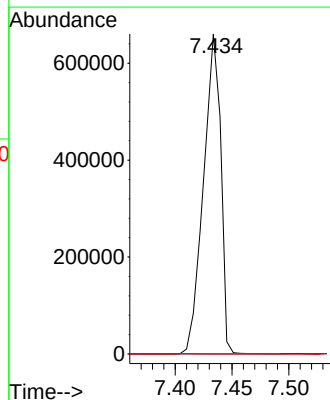
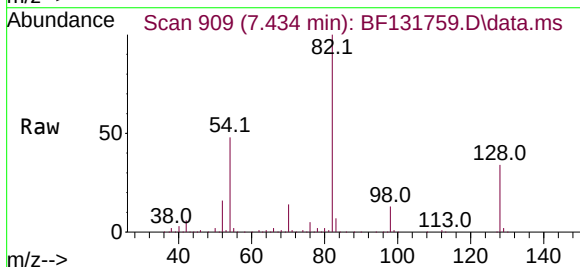
Tgt Ion: 82 Resp: 697818

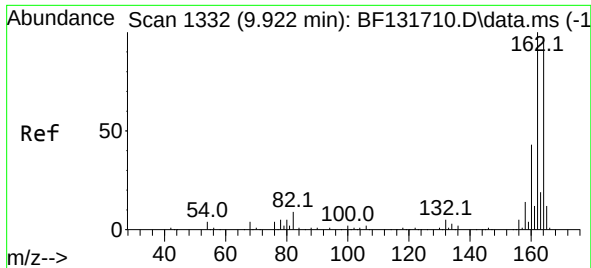
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

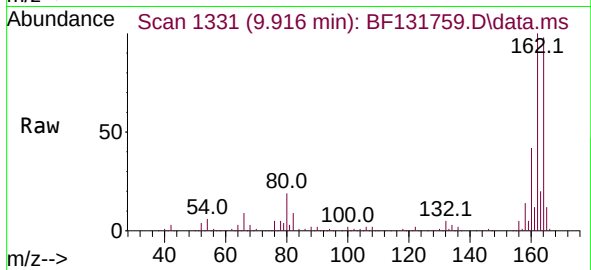
Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :



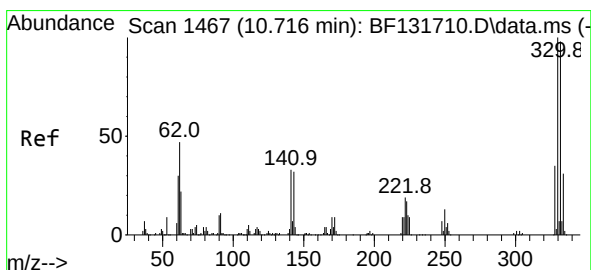
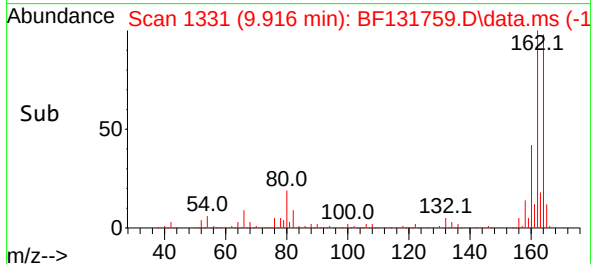
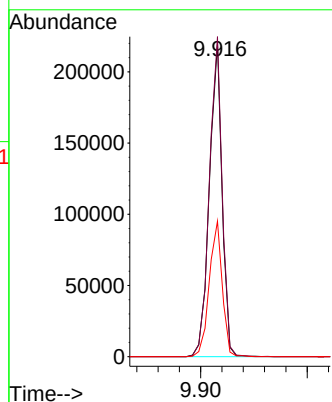
Tgt Ion:164 Resp: 182848

Ion Ratio Lower Upper

164 100

162 102.2 83.7 125.5

160 43.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 157.964 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

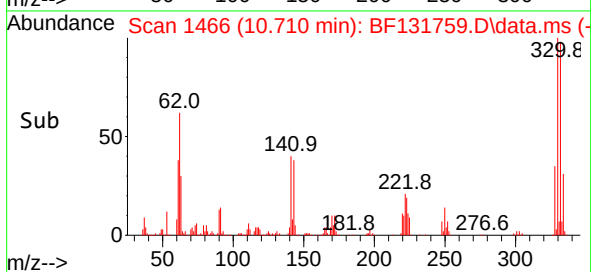
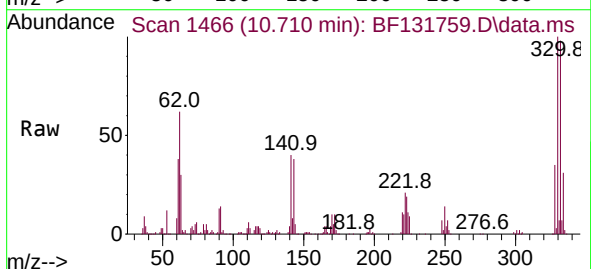
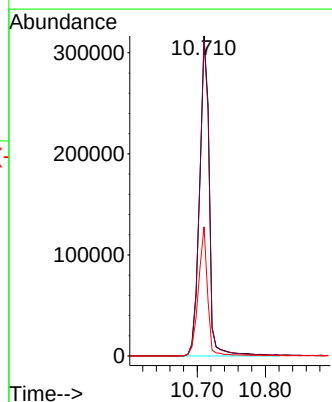
Tgt Ion:330 Resp: 316140

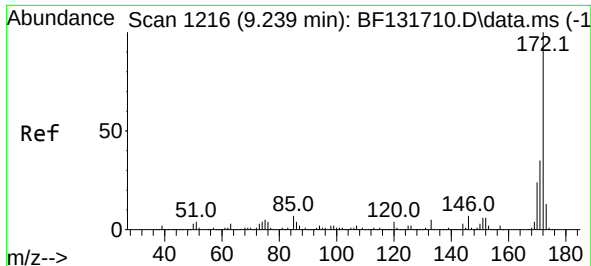
Ion Ratio Lower Upper

330 100

332 98.4 77.1 115.7

141 38.3 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 93.853 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

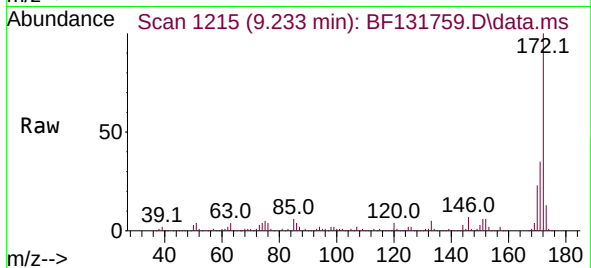
Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :



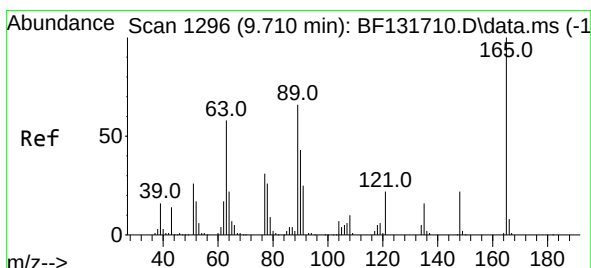
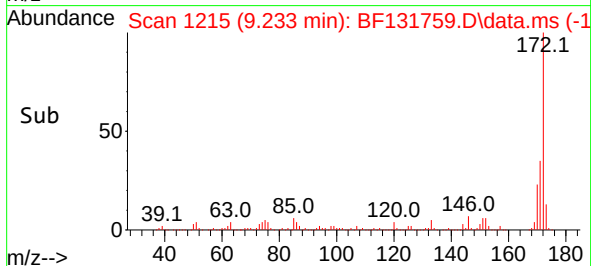
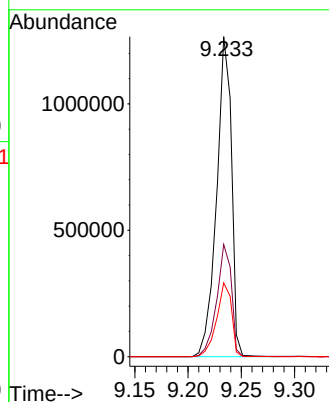
Tgt Ion:172 Resp: 1225051

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.0 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.828 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

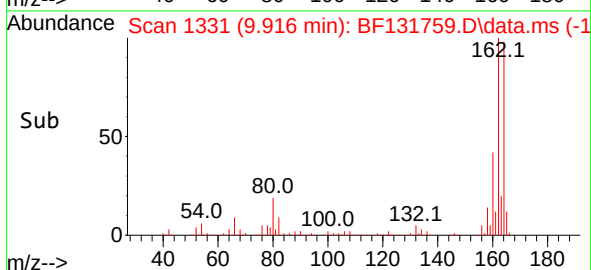
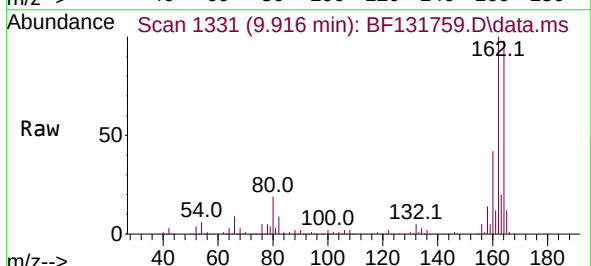
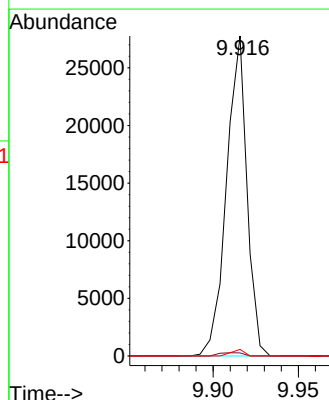
Tgt Ion:165 Resp: 23157

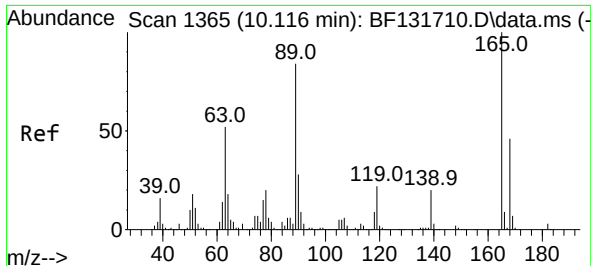
Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

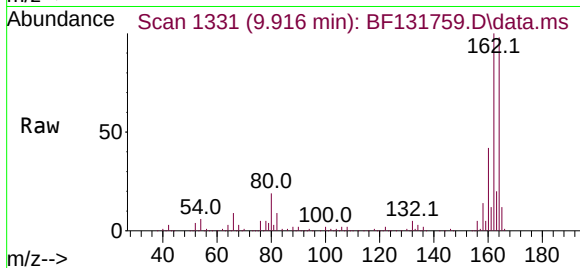
89 2.1 53.2 79.8#



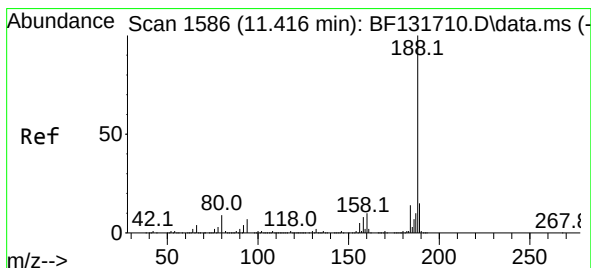
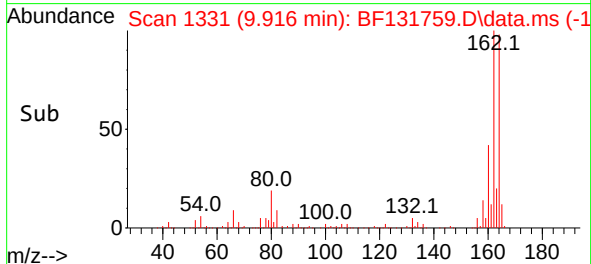
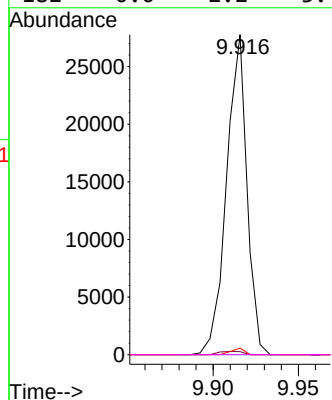


#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Instrument :
BNA_F
ClientSampleId :

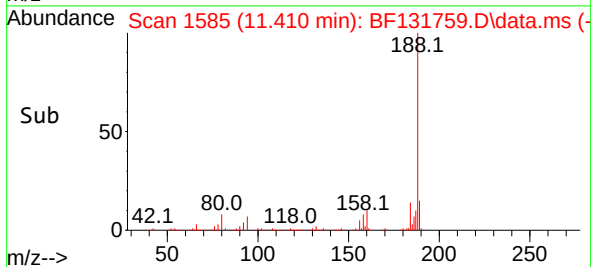
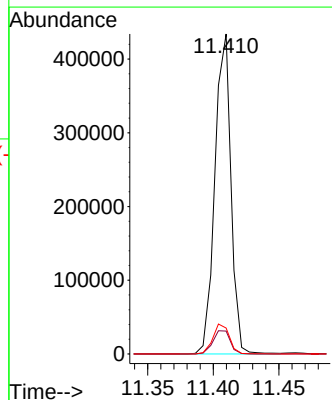
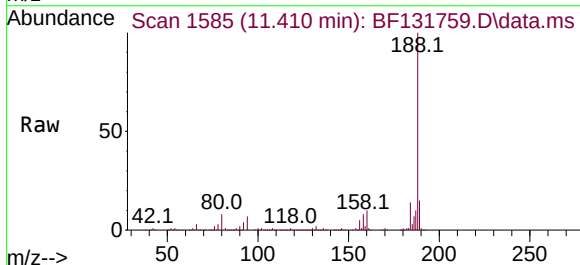


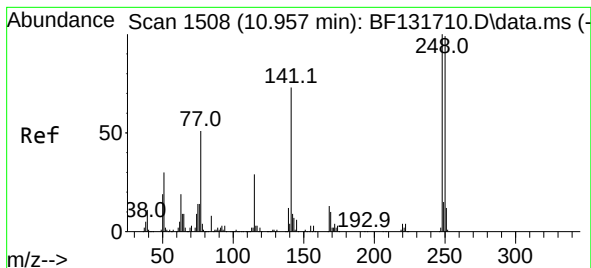
Tgt Ion:165 Resp: 23157
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 2.1 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

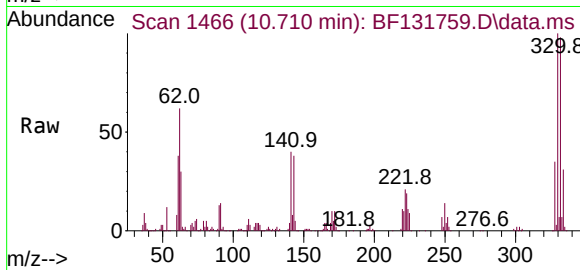
Tgt Ion:188 Resp: 369617
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.1 7.0 10.6



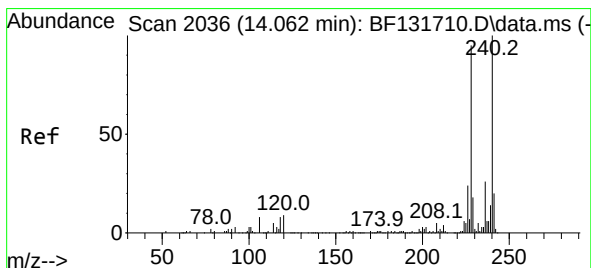
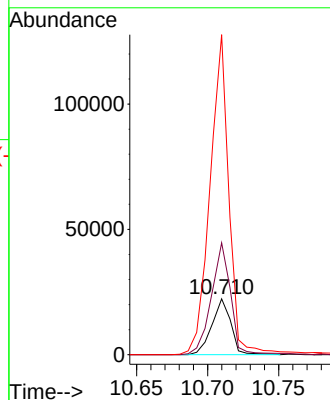
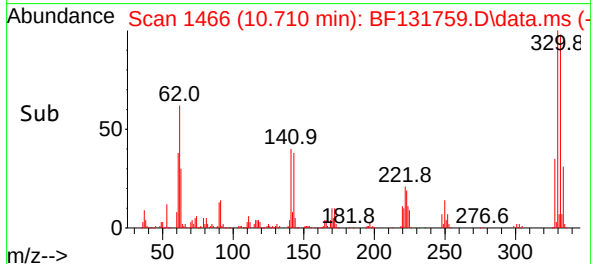


#67
4-Bromophenyl-phenylether
Concen: 4.761 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

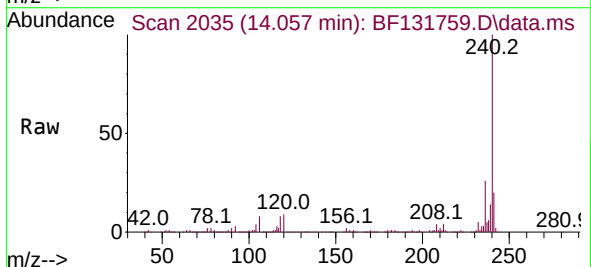
Instrument :
BNA_F
ClientSampleId :



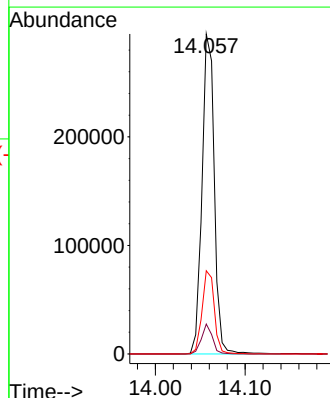
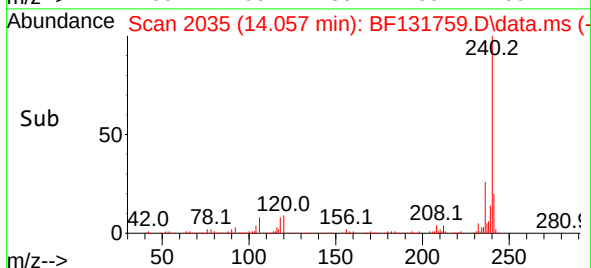
Tgt Ion:248 Resp: 20784
Ion Ratio Lower Upper
248 100
250 200.2 79.4 119.0#
141 573.0 58.1 87.1#

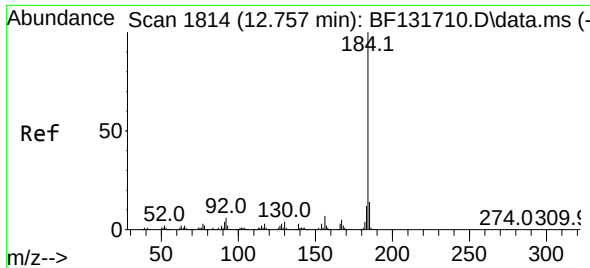


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32



Tgt Ion:240 Resp: 280457
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 26.0 21.2 31.8

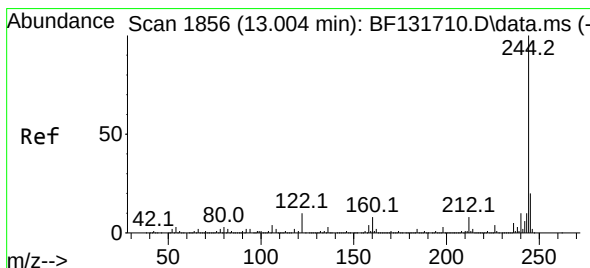
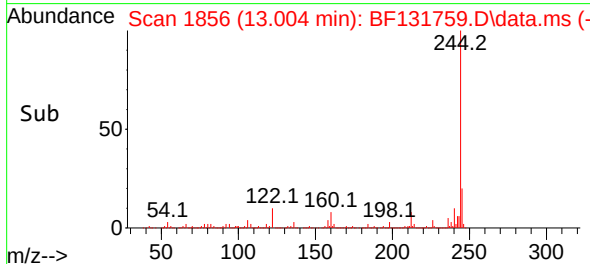
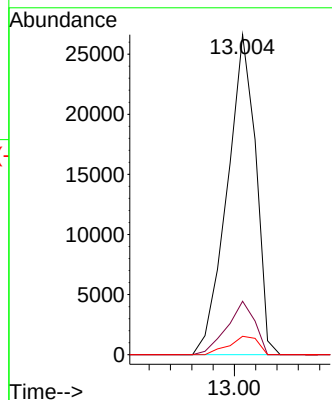
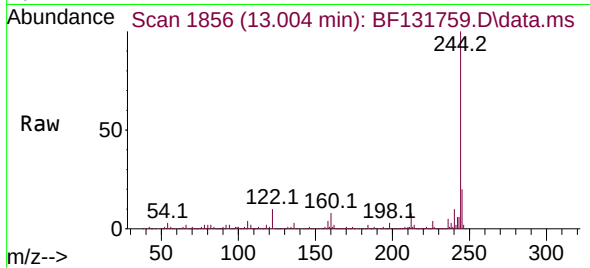




#77
Benzidine
Concen: 4.823 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

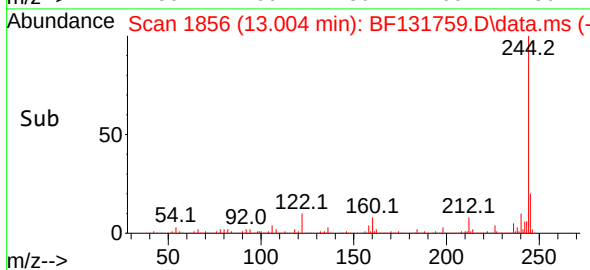
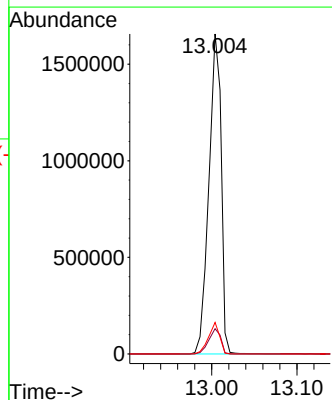
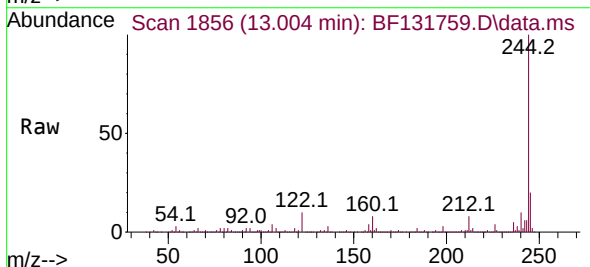
Instrument :
BNA_F
ClientSampleId :

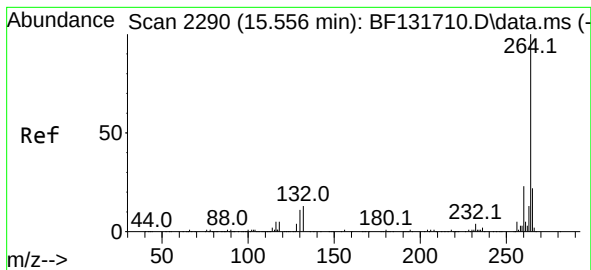
Tgt Ion:184 Resp: 24803
Ion Ratio Lower Upper
184 100
185 16.7 11.3 16.9
183 5.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 92.331 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Tgt Ion:244 Resp: 1661505
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.8 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.000 min

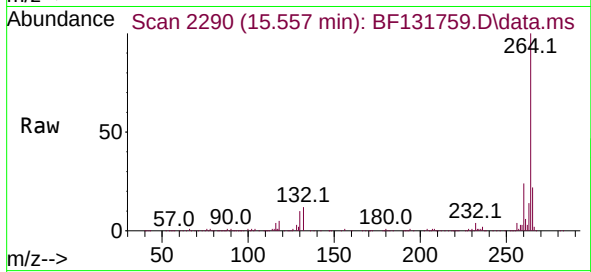
Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 234354

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 21.6 17.4 26.2

