

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131878.D
 Acq On : 29 Dec 2022 15:15
 Operator : CG\JU
 Sample : N6231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3S

Quant Time: Dec 30 02:09:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

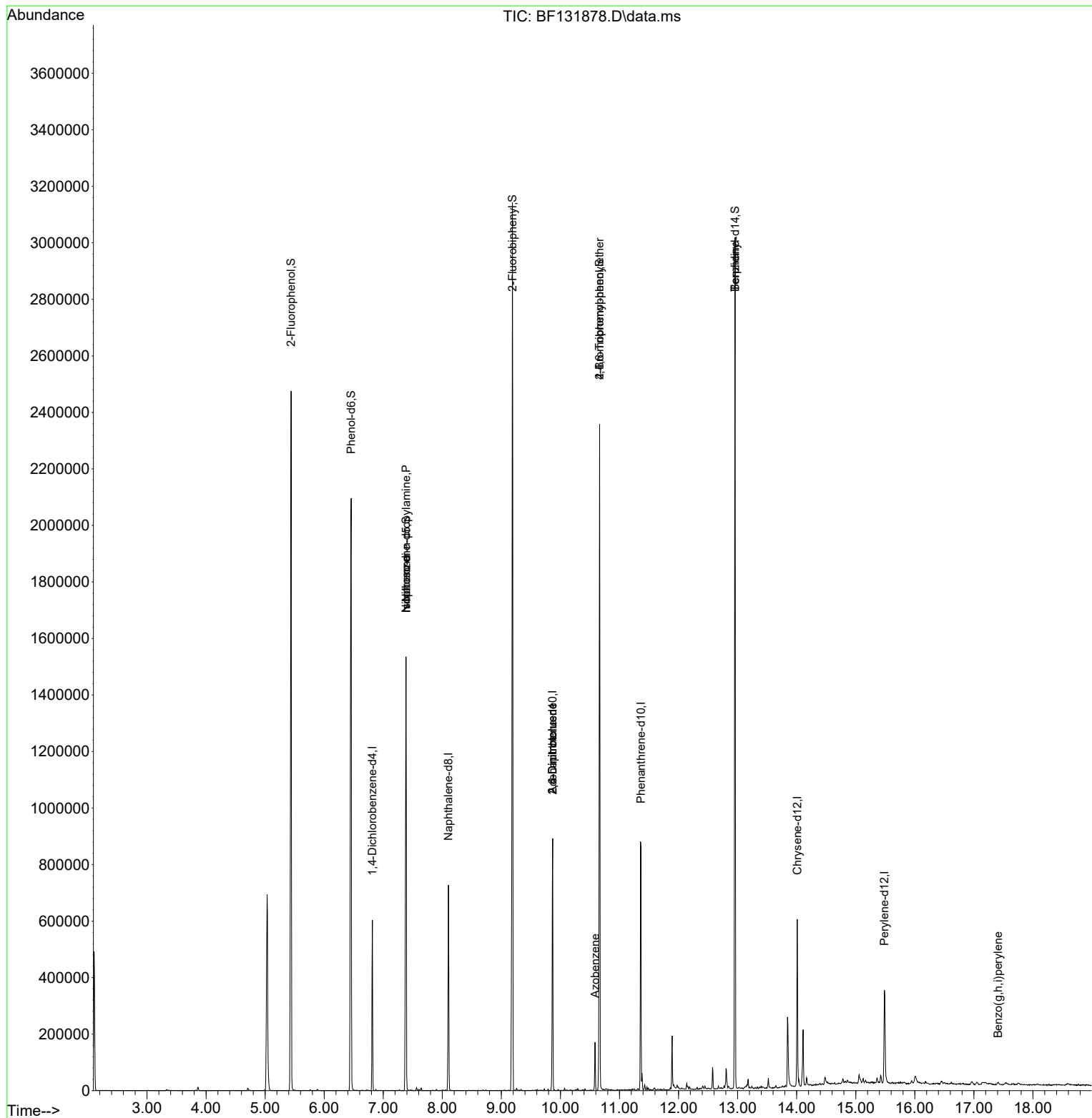
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	79275	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	296371	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	174314	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	327684	20.000	ng	0.00
76) Chrysene-d12	14.010	240	175827	20.000	ng	0.00
86) Perylene-d12	15.486	264	153326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	622862	130.207	ng	0.02
7) Phenol-d6	6.457	99	815174	129.706	ng	0.00
23) Nitrobenzene-d5	7.387	82	584074	78.684	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	252019	133.067	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	988178	77.649	ng	0.00
79) Terphenyl-d14	12.957	244	974707	93.770	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	82325	18.547	ng	# 80
25) Isophorone	7.387	82	582814	48.077	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	22540	7.896	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	22540	5.773	ng	# 18
63) Azobenzene	10.586	77	29682	2.107	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17261	4.545	ng	# 1
77) Benzidine	12.957	184	15263	5.282	ng	# 92
92) Benzo(g,h,i)perylene	17.409	276	6359	5.848	ng	95

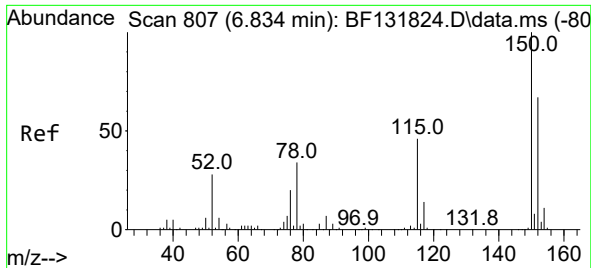
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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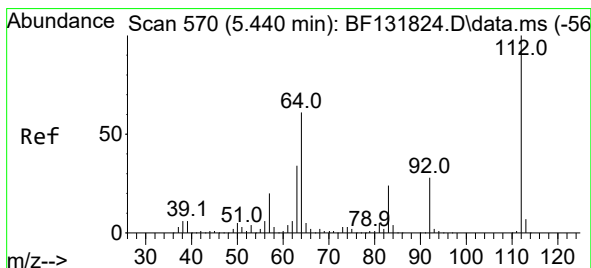
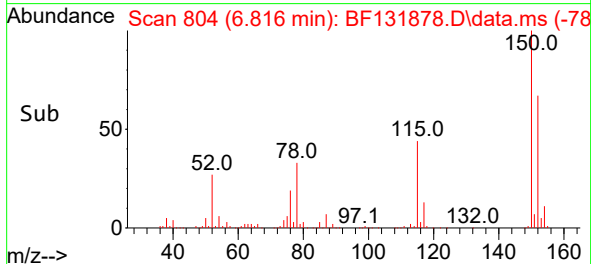
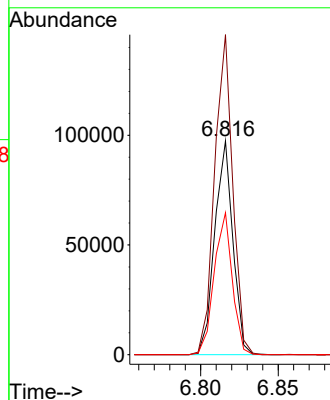
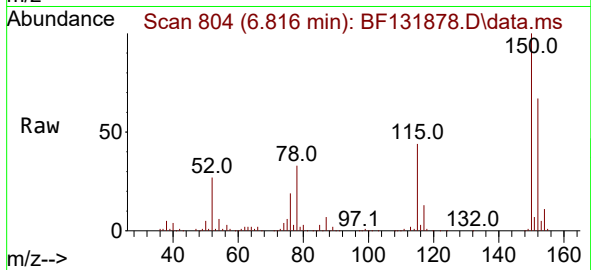




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

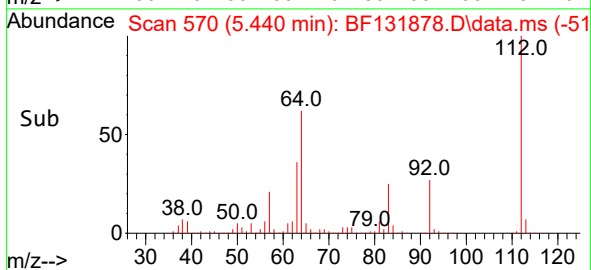
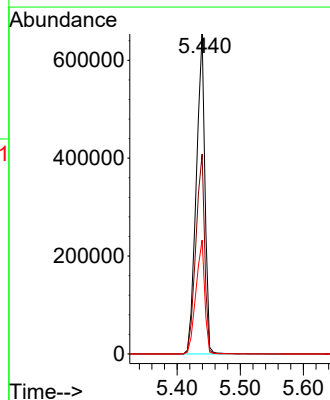
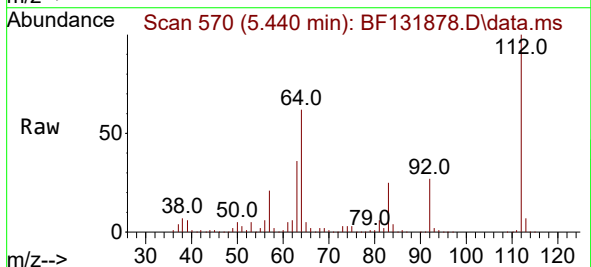
Instrument :
BNA_F
ClientSampleId :
TP-3S

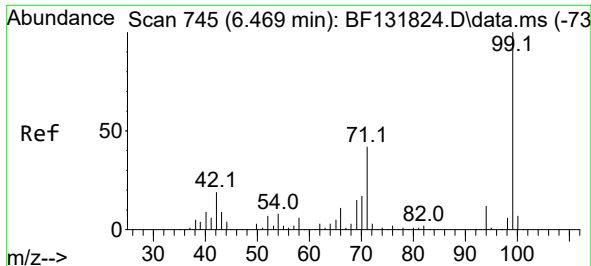
Tgt Ion:152 Resp: 79275
Ion Ratio Lower Upper
152 100
150 149.7 120.0 180.0
115 66.4 55.1 82.7



#5
2-Fluorophenol
Concen: 130.207 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

Tgt Ion:112 Resp: 622862
Ion Ratio Lower Upper
112 100
64 62.4 49.2 73.8
63 35.6 27.5 41.3

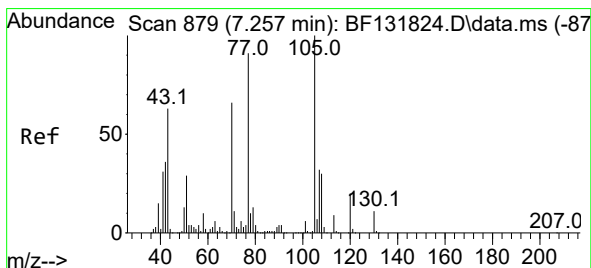
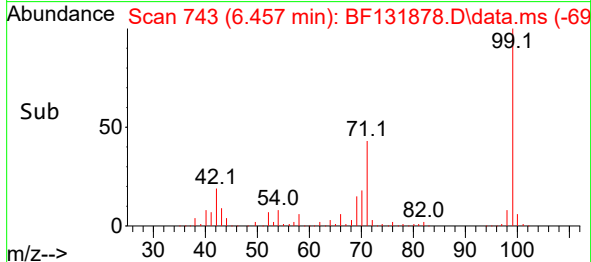
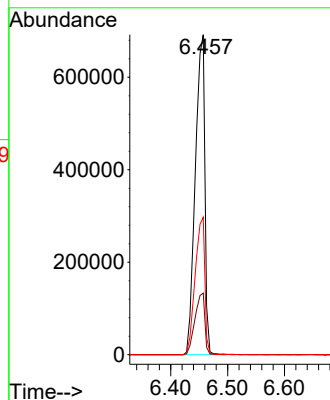
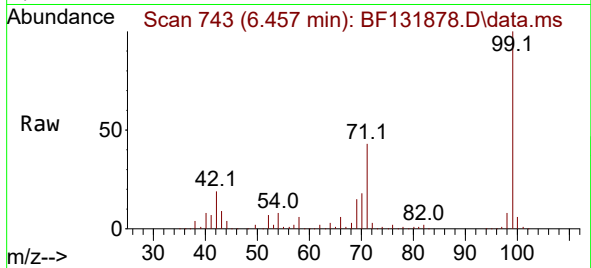




#7
Phenol-d6
Concen: 129.706 ng
RT: 6.457 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

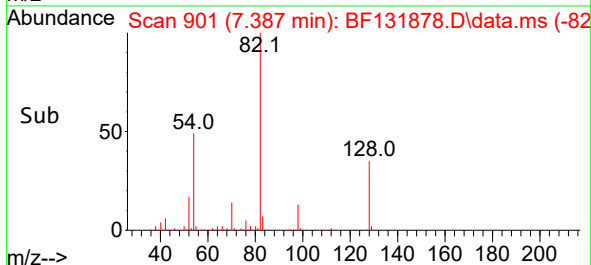
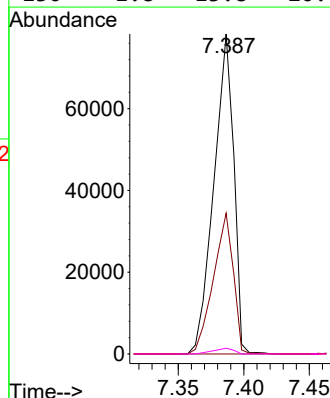
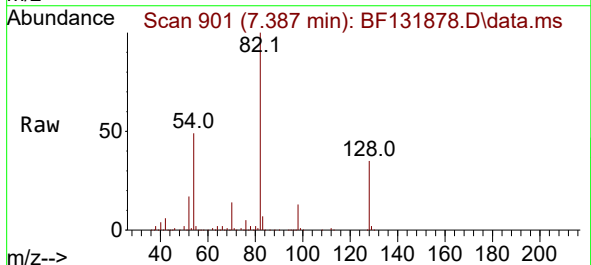
Instrument :
BNA_F
ClientSampleId :
TP-3S

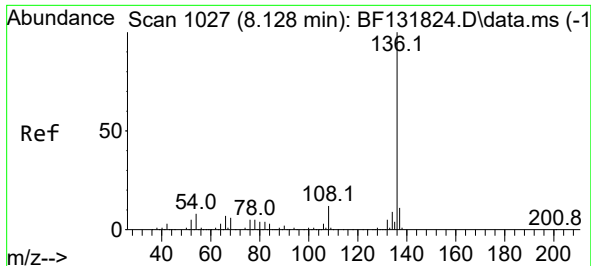
Tgt Ion: 99 Resp: 815174
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 43.0 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.547 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 70 Resp: 82325
Ion Ratio Lower Upper
70 100
42 44.0 43.8 65.6
101 0.0 7.4 11.0#
130 1.8 13.8 20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-3S

Tgt Ion:136 Resp: 296371

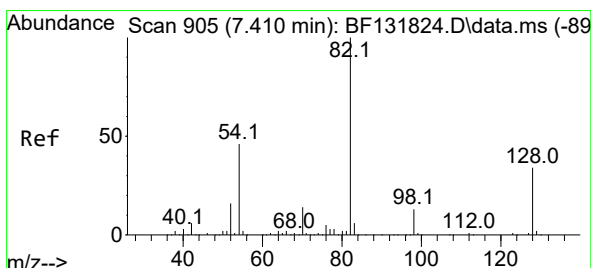
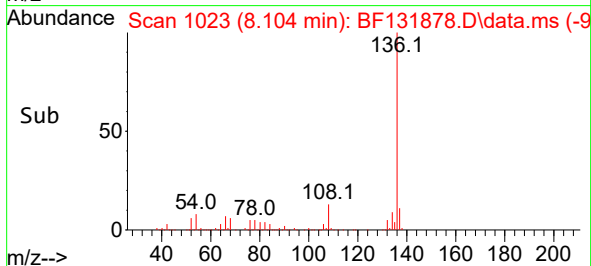
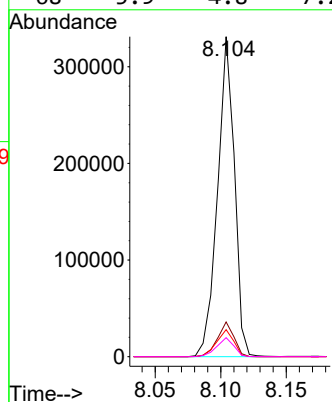
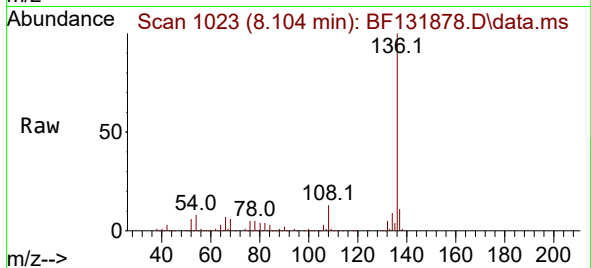
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.5 6.7 10.1

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 78.684 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

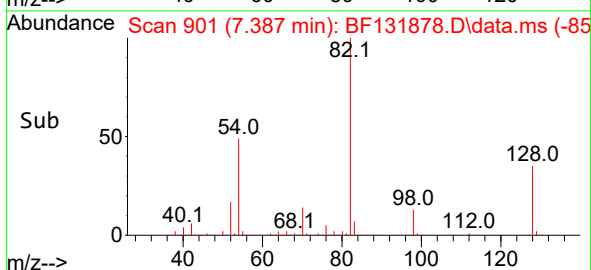
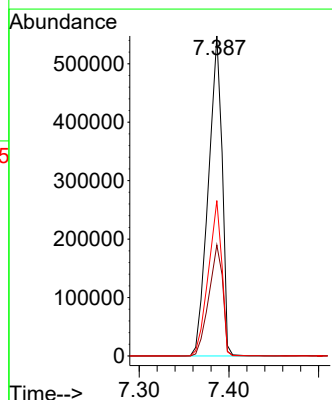
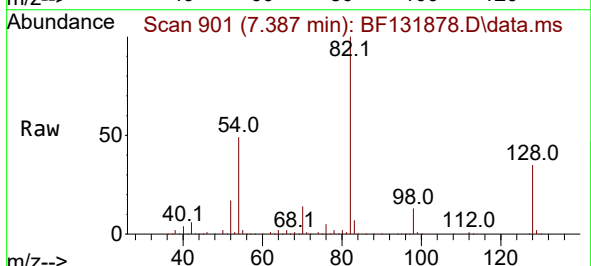
Tgt Ion: 82 Resp: 584074

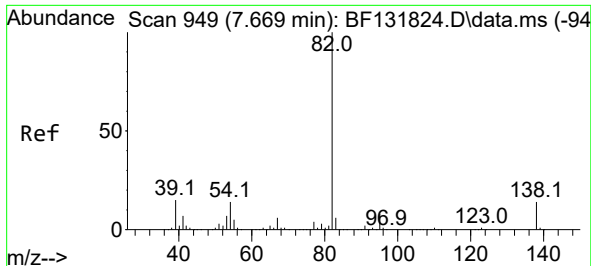
Ion Ratio Lower Upper

82 100

128 34.7 27.1 40.7

54 48.6 37.0 55.6

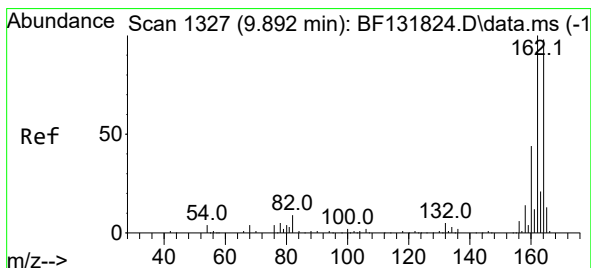
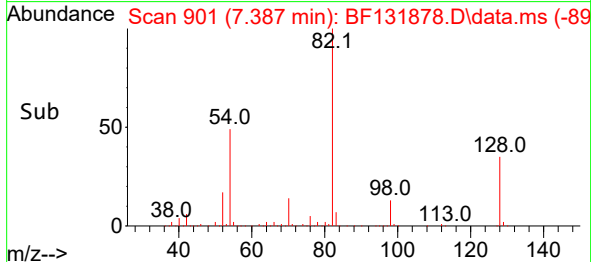
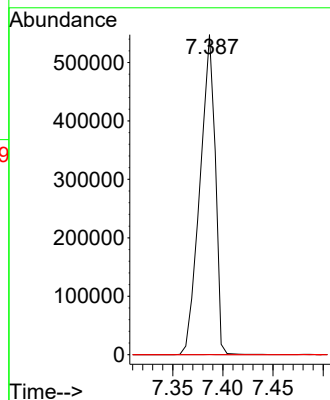
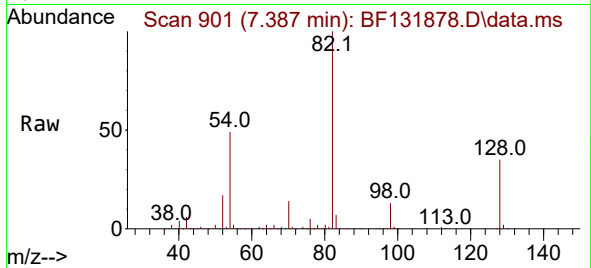




#25
Isophorone
Concen: 48.077 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

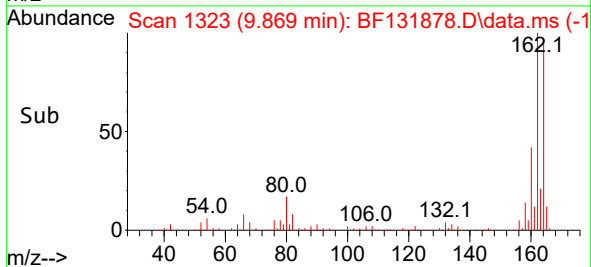
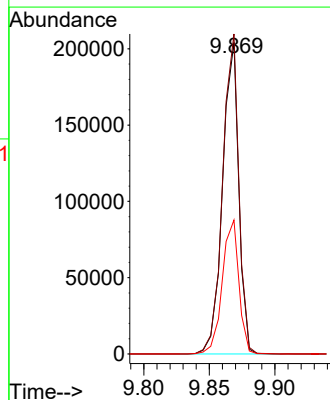
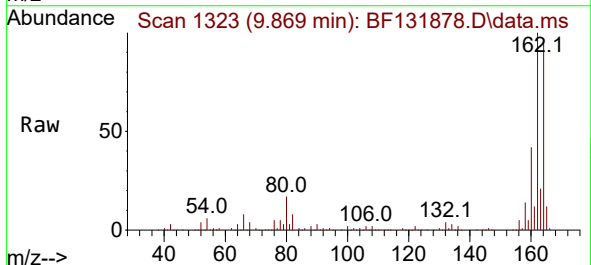
Instrument :
BNA_F
ClientSampleId :
TP-3S

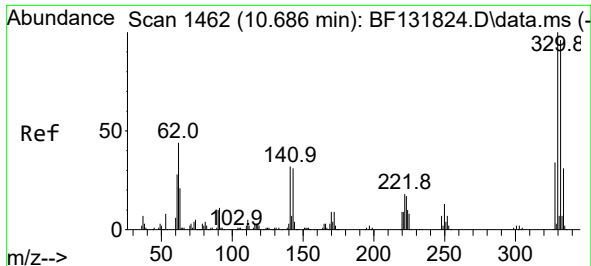
Tgt Ion: 82 Resp: 582814
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

Tgt Ion:164 Resp: 174314
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 43.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 133.067 ng

RT: 10.663 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-3S

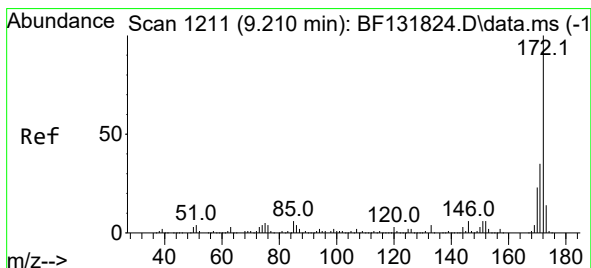
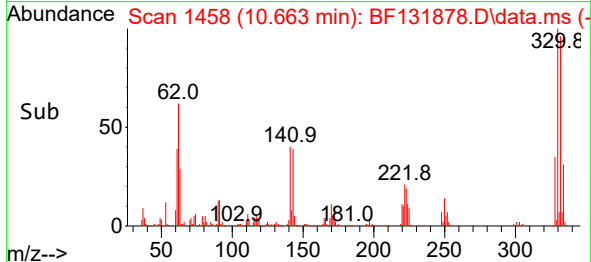
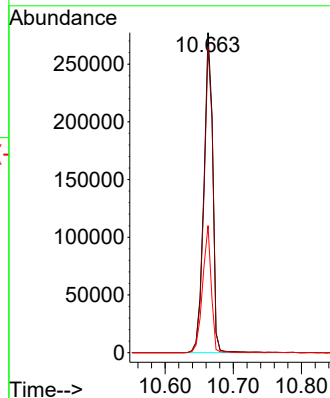
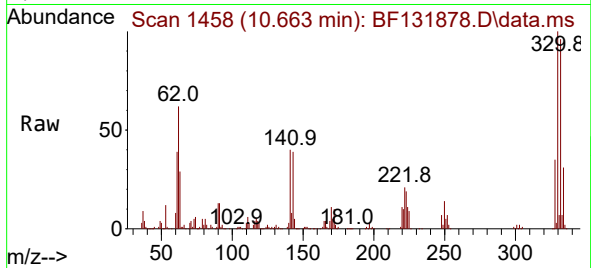
Tgt Ion:330 Resp: 252019

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 38.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 77.649 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

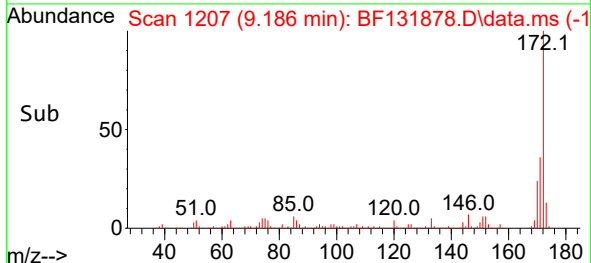
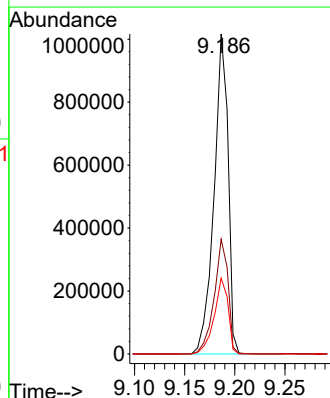
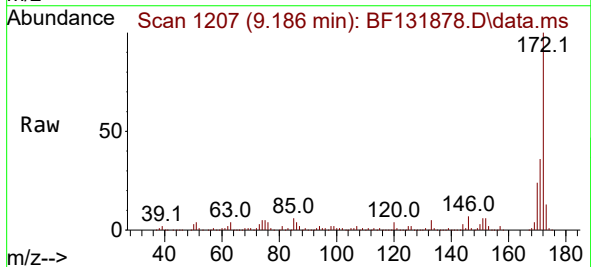
Tgt Ion:172 Resp: 988178

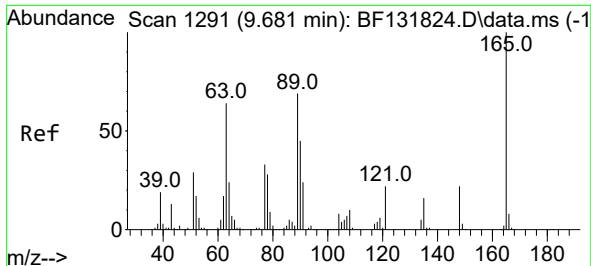
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.896 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-3S

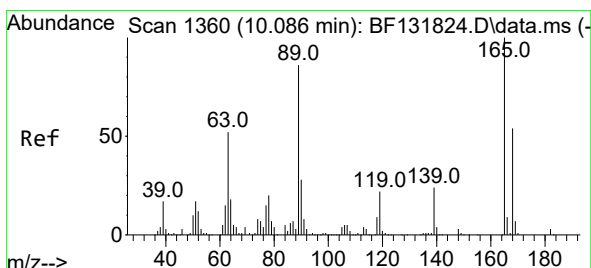
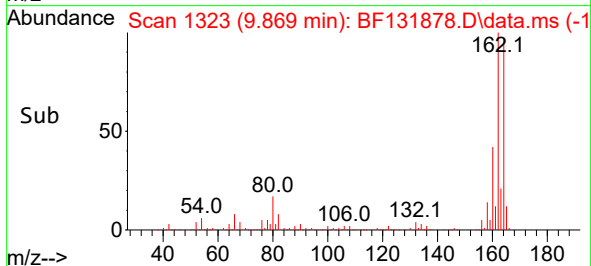
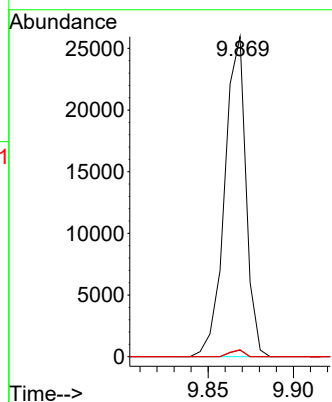
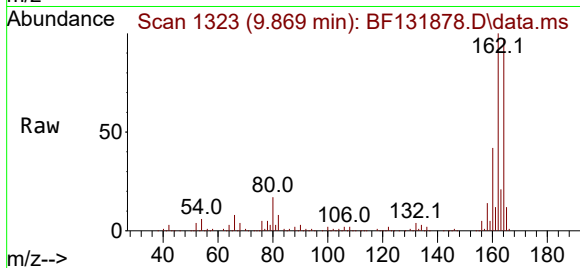
Tgt Ion:165 Resp: 22540

Ion Ratio Lower Upper

165 100

63 2.0 55.1 82.7#

89 2.2 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.773 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.200 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Tgt Ion:165 Resp: 22540

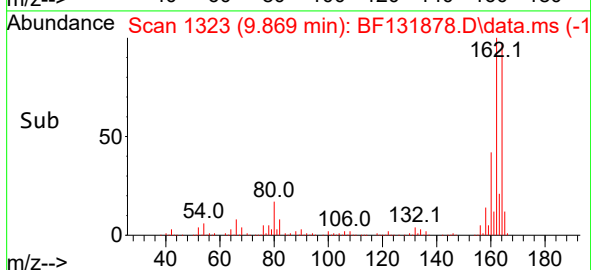
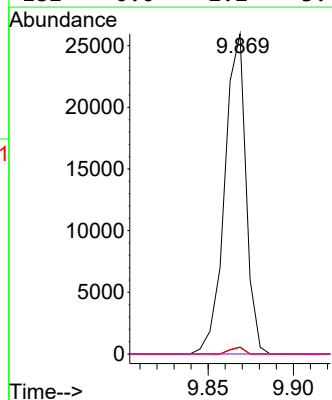
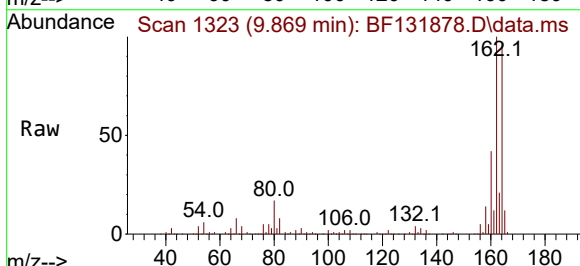
Ion Ratio Lower Upper

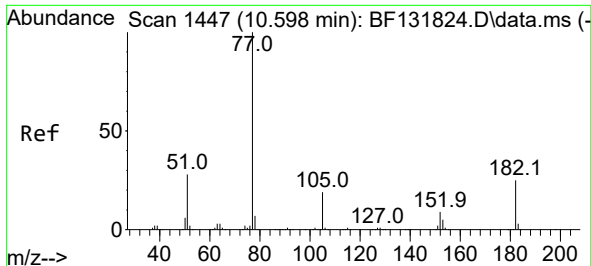
165 100

63 2.0 42.1 63.1#

89 2.2 69.1 103.7#

182 0.0 2.2 3.4#

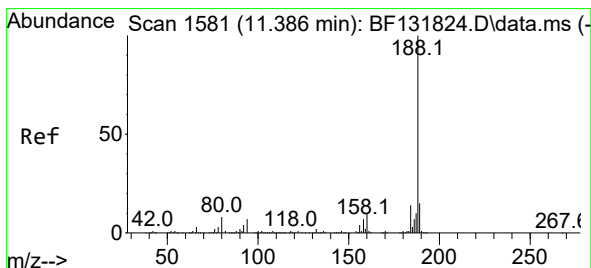
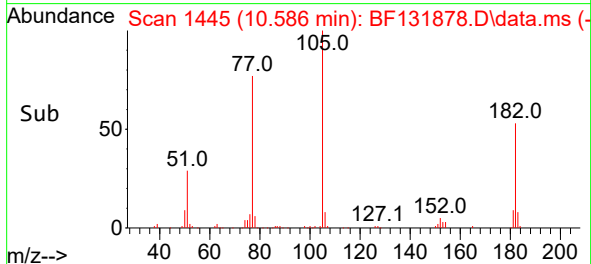
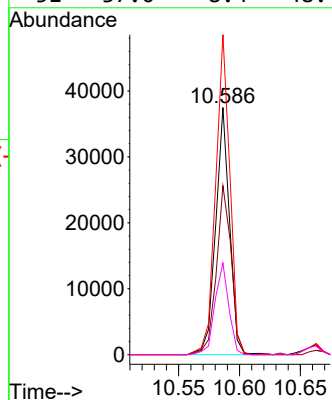
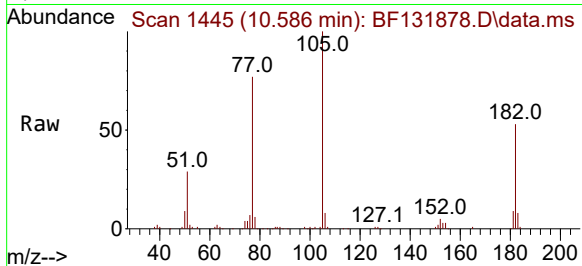




#63
Azobenzene
Concen: 2.107 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

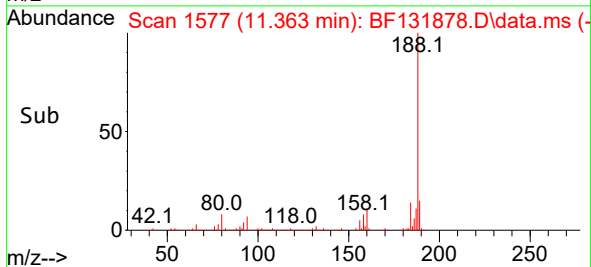
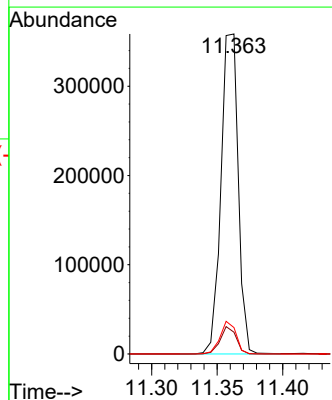
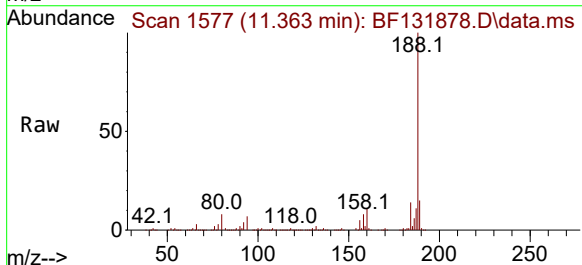
Instrument :
BNA_F
ClientSampleId :
TP-3S

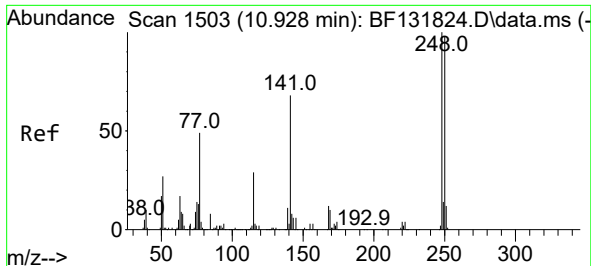
Tgt Ion: 77 Resp: 29682
Ion Ratio Lower Upper
77 100
182 68.3 5.0 45.0#
105 129.4 0.0 39.4#
51 37.0 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 188 Resp: 327684
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 8.2 6.7 10.1

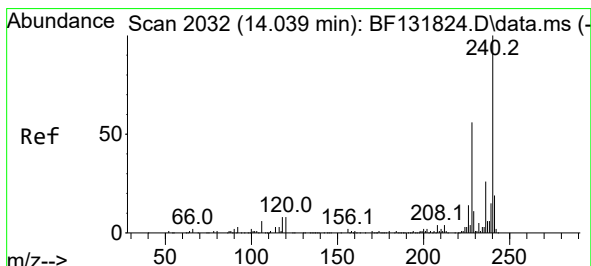
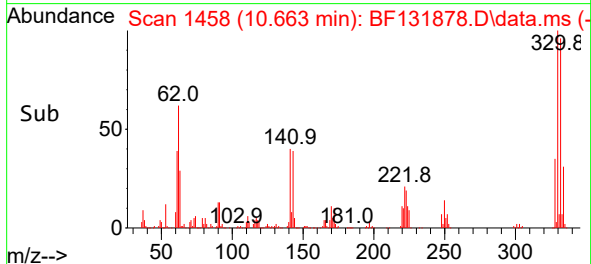
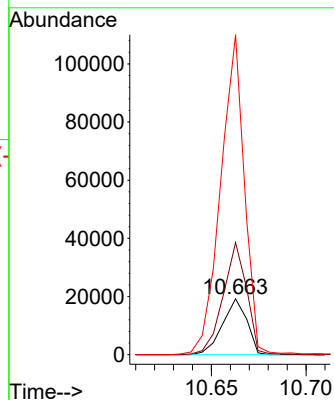
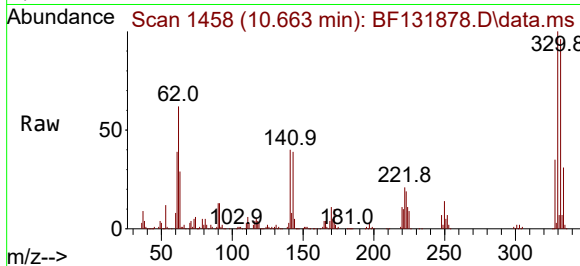




#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

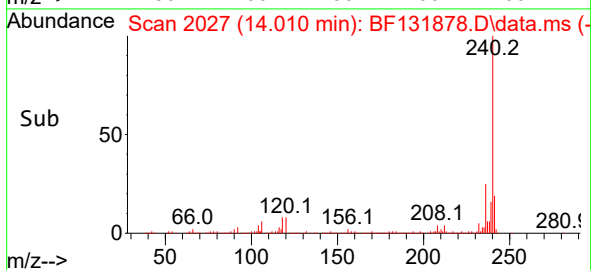
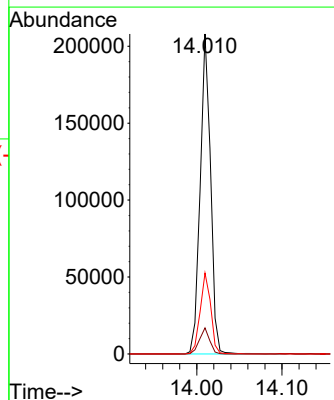
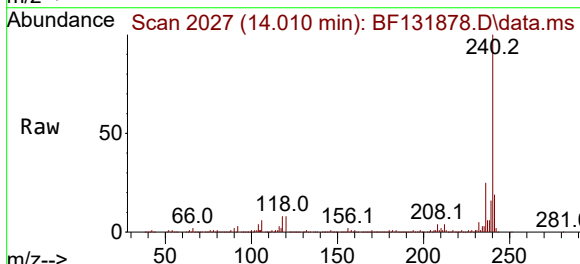
Instrument :
BNA_F
ClientSampleId :
TP-3S

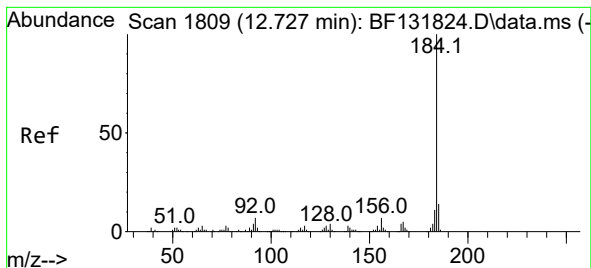
Tgt Ion:248 Resp: 17261
Ion Ratio Lower Upper
248 100
250 200.9 78.0 117.0#
141 573.2 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131878.D
Acq: 29 Dec 2022 15:15

Tgt Ion:240 Resp: 175827
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 25.3 20.6 31.0





#77

Benzidine

Concen: 5.282 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.247 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-3S

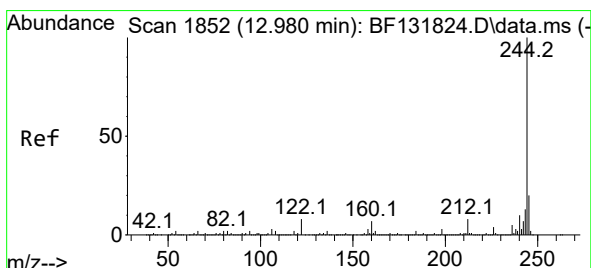
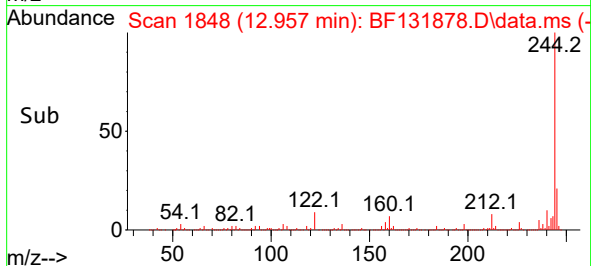
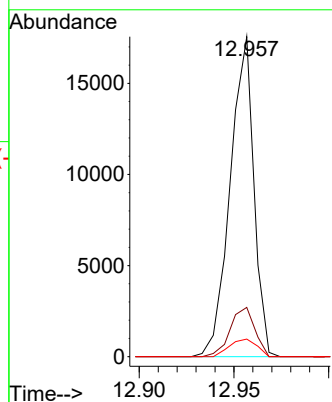
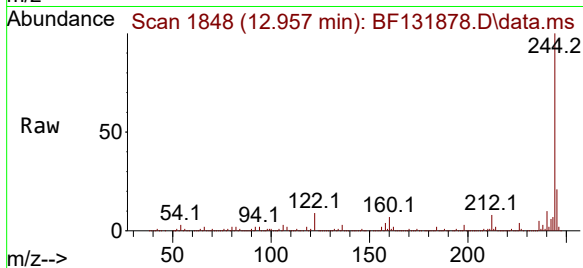
Tgt Ion:184 Resp: 15263

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

183 5.5 9.0 13.4#



#79

Terphenyl-d14

Concen: 93.770 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

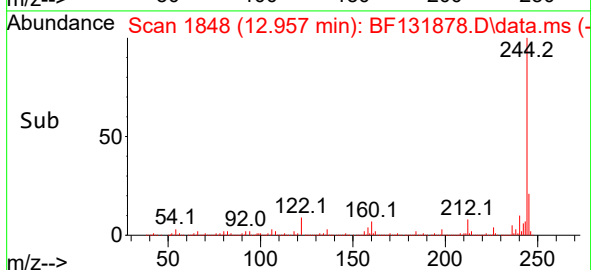
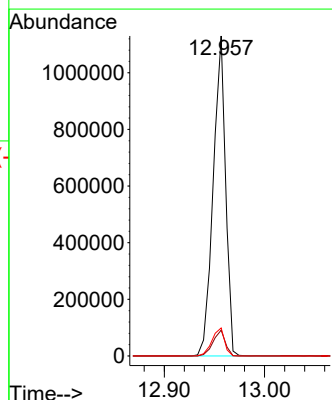
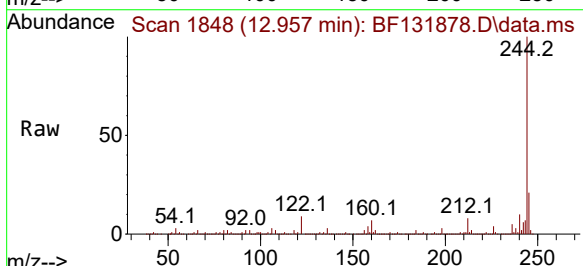
Tgt Ion:244 Resp: 974707

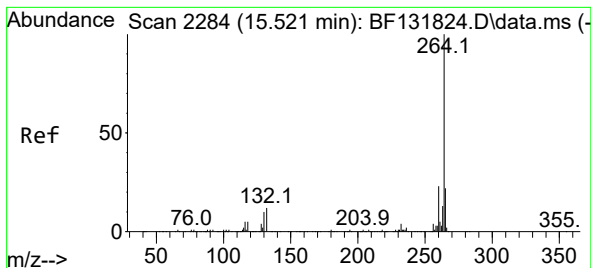
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 8.8 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-3S

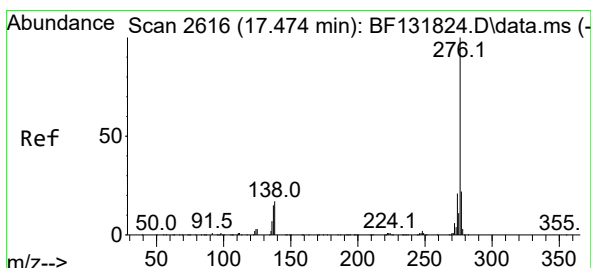
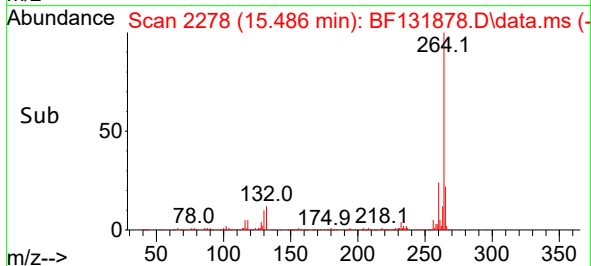
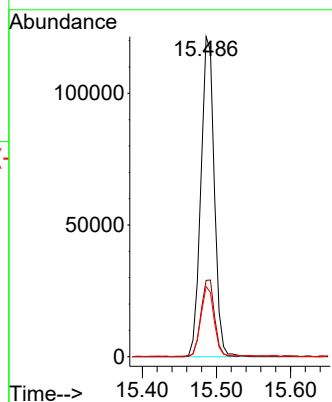
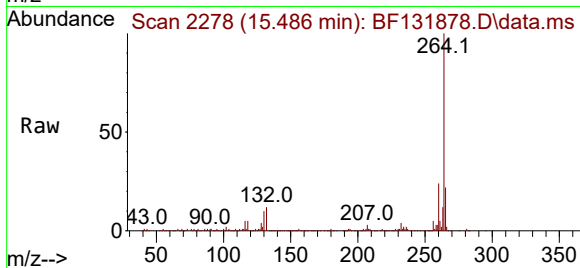
Tgt Ion:264 Resp: 153326

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.9 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.848 ng

RT: 17.409 min Scan# 2605

Delta R.T. -0.018 min

Lab File: BF131878.D

Acq: 29 Dec 2022 15:15

Tgt Ion:276 Resp: 6359

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 15.4 13.7 20.5

