

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136658.D
 Acq On : 20 Dec 2023 20:40
 Operator : CG\JU
 Sample : PB157519BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157519BL

Quant Time: Dec 21 02:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

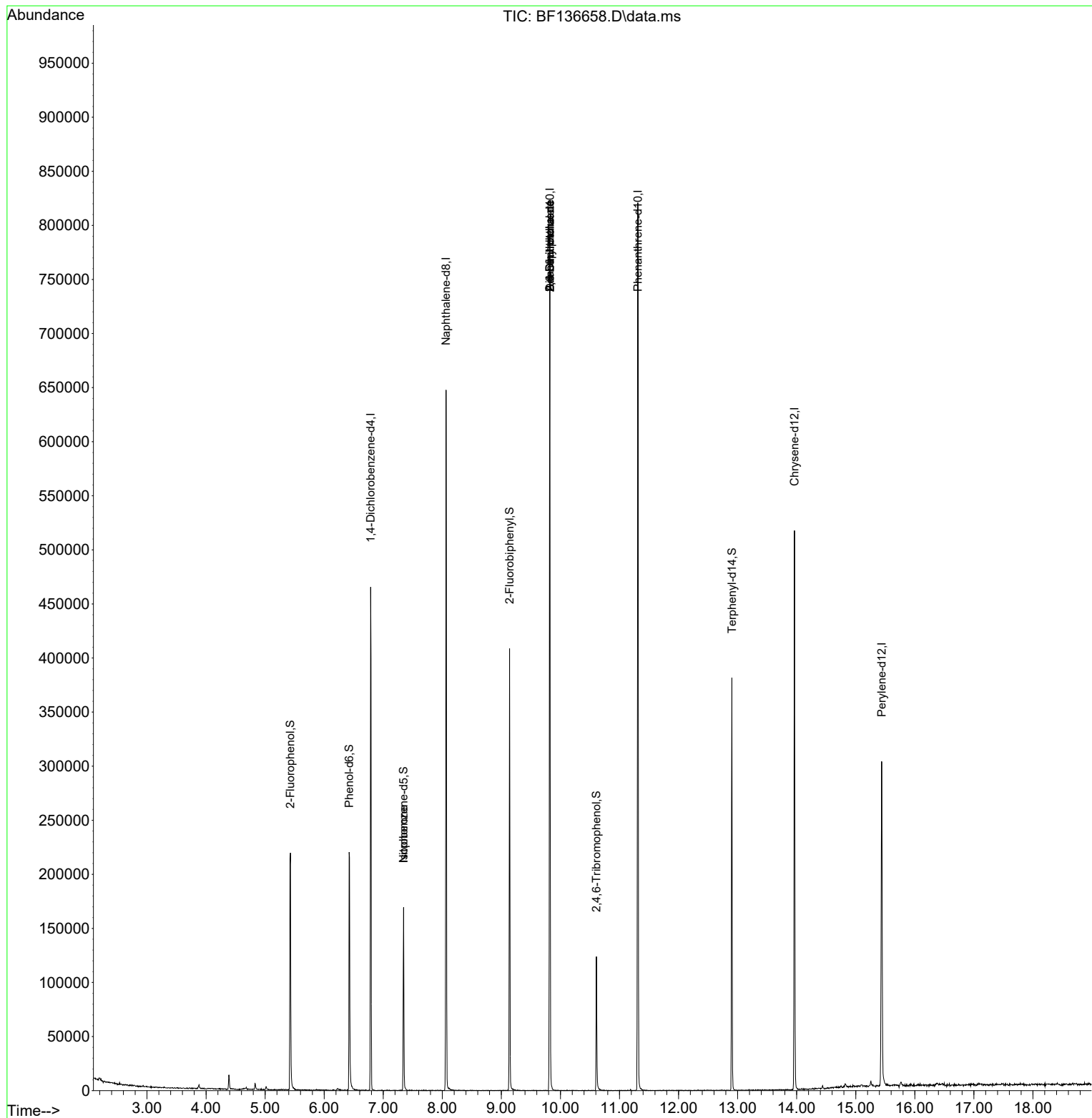
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	70041	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	276880	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	151552	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	305419	20.000	ng	0.00
76) Chrysene-d12	13.963	240	167137	20.000	ng	0.00
86) Perylene-d12	15.439	264	146458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	63289	14.099	ng	0.00
7) Phenol-d6	6.422	99	80700	13.874	ng	-0.02
23) Nitrobenzene-d5	7.345	82	48916	9.040	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	16207	9.080	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	115216	10.225	ng	-0.01
79) Terphenyl-d14	12.904	244	124758	10.431	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.345	82	48916	4.968	ng	# 65
50) Dimethylphthalate	9.822	163	29319	2.649	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	18956	7.545	ng	# 30
57) 2,4-Dinitrotoluene	9.822	165	18956	5.812	ng	# 21

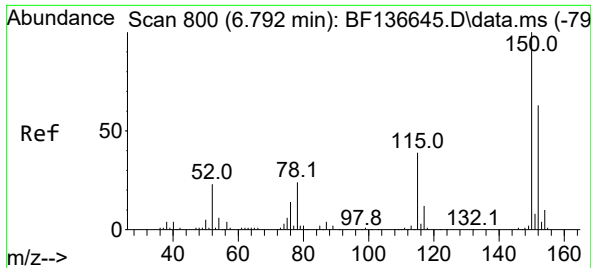
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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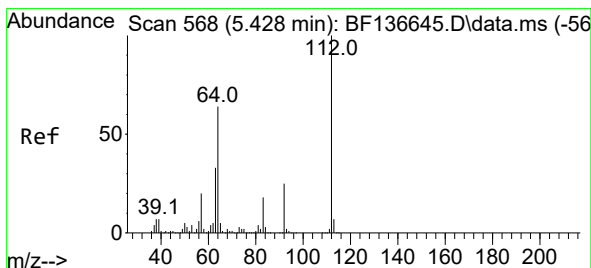
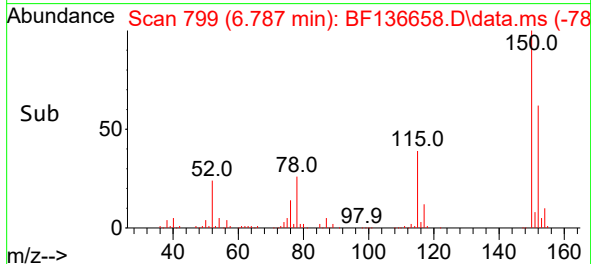
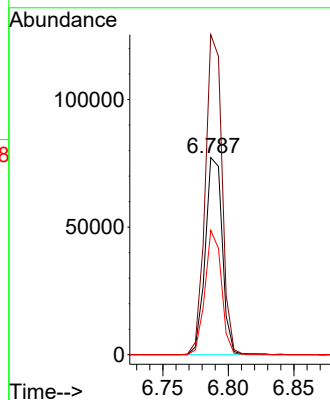
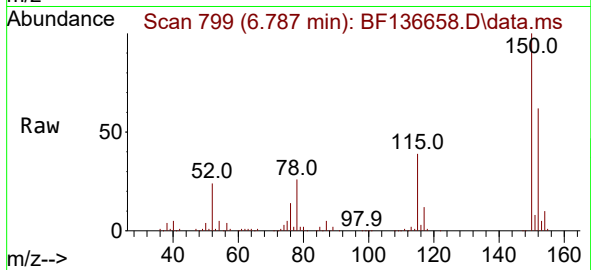




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.005 min
 Lab File: BF136658.D
 Acq: 20 Dec 2023 20:40

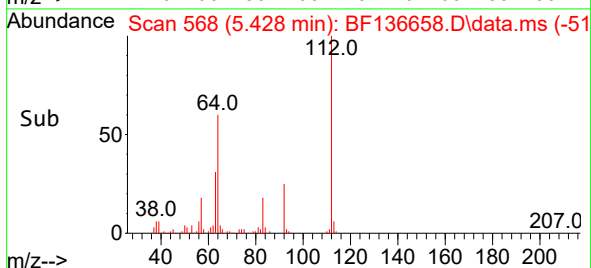
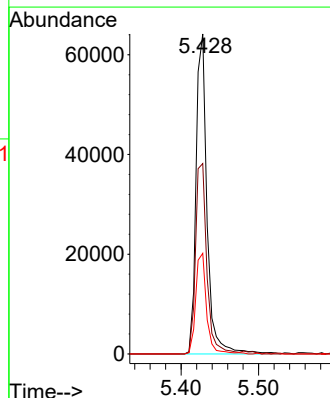
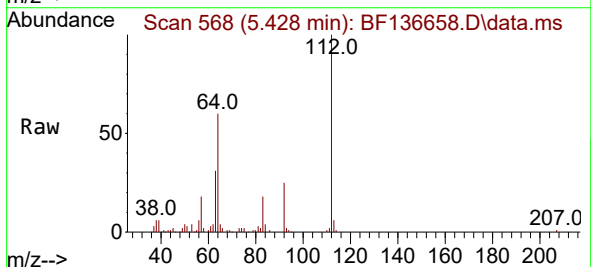
Instrument :
 BNA_F
 ClientSampleId :
 PB157519BL

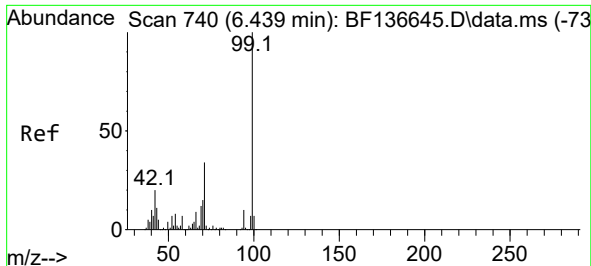
Tgt Ion:152 Resp: 70041
 Ion Ratio Lower Upper
 152 100
 150 162.3 127.0 190.6
 115 63.1 49.0 73.4



#5
 2-Fluorophenol
 Concen: 14.099 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136658.D
 Acq: 20 Dec 2023 20:40

Tgt Ion:112 Resp: 63289
 Ion Ratio Lower Upper
 112 100
 64 59.5 51.1 76.7
 63 31.4 26.1 39.1

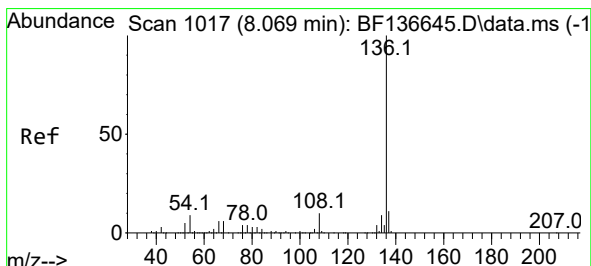
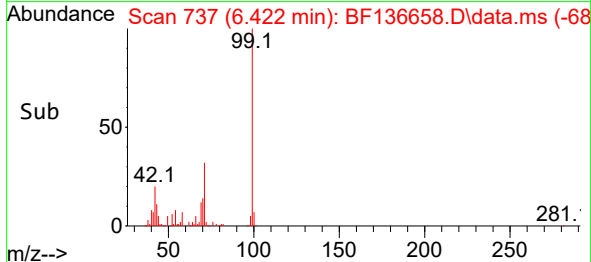
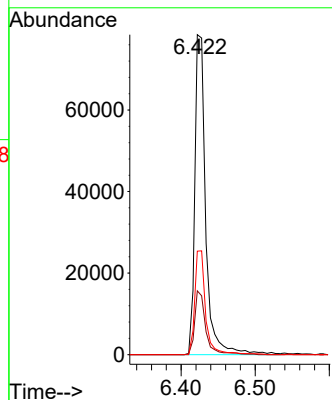
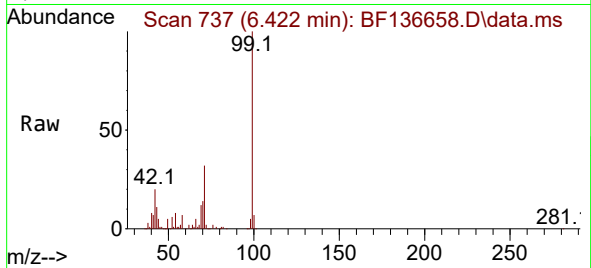




#7
Phenol-d6
Concen: 13.874 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136658.D
Acq: 20 Dec 2023 20:40

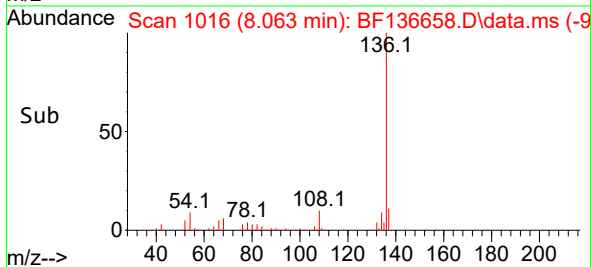
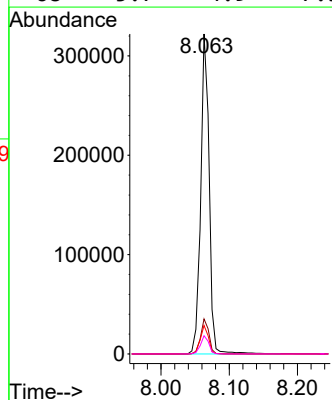
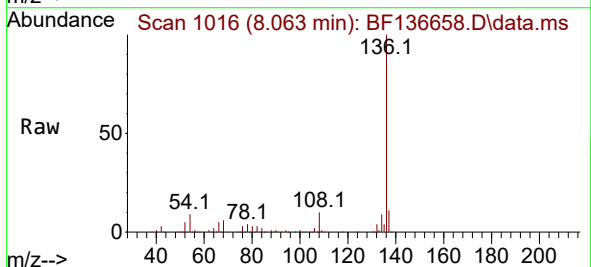
Instrument :
BNA_F
ClientSampleId :
PB157519BL

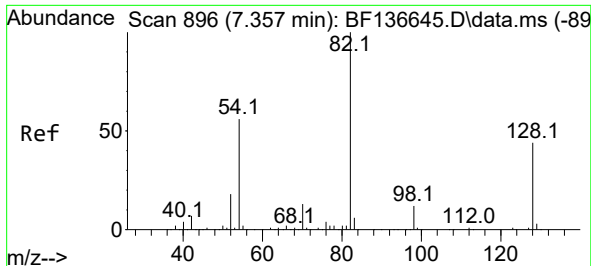
Tgt Ion: 99 Resp: 80700
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 32.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136658.D
Acq: 20 Dec 2023 20:40

Tgt Ion: 136 Resp: 276880
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.2 10.8
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 9.040 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Instrument :

BNA_F

ClientSampleId :

PB157519BL

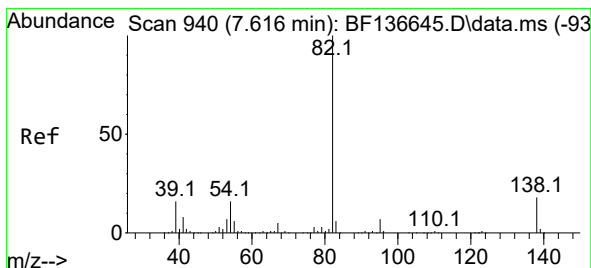
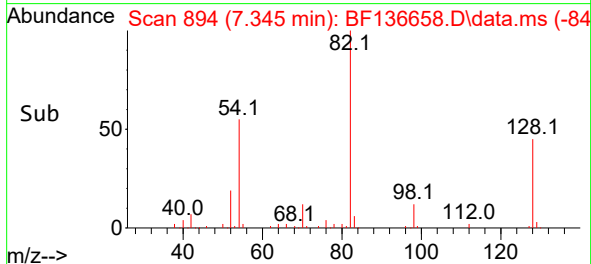
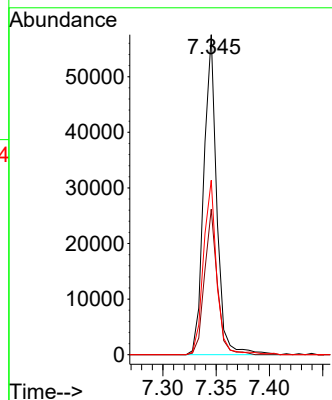
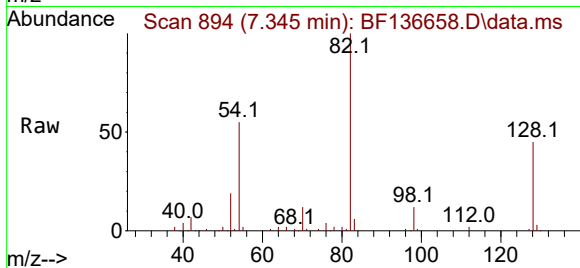
Tgt Ion: 82 Resp: 48916

Ion Ratio Lower Upper

82 100

128 45.4 35.3 52.9

54 54.5 44.5 66.7



#25

Isophorone

Concen: 4.968 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.270 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

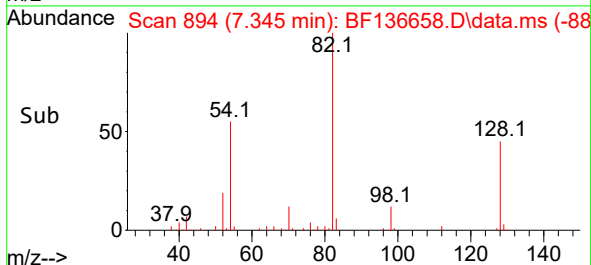
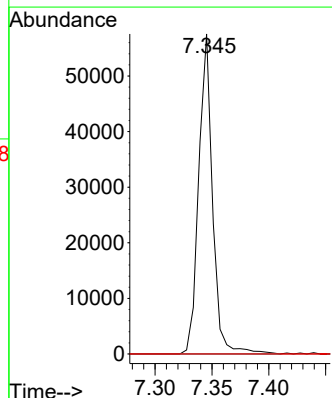
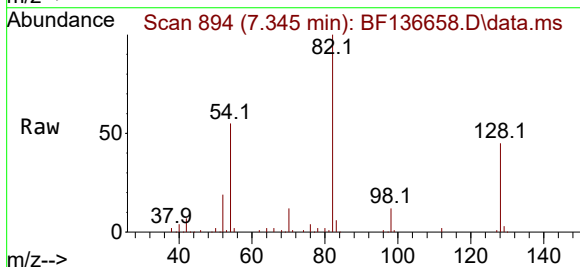
Tgt Ion: 82 Resp: 48916

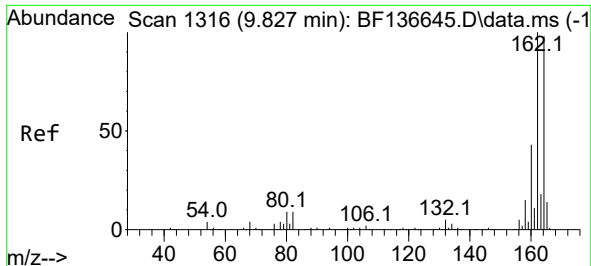
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Instrument :

BNA_F

ClientSampleId :

PB157519BL

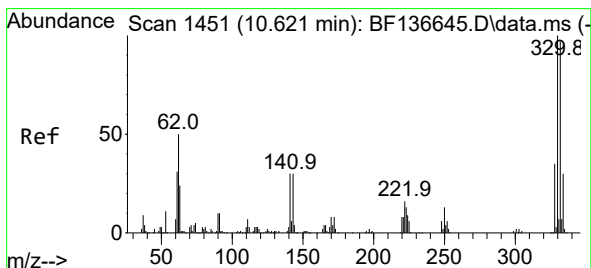
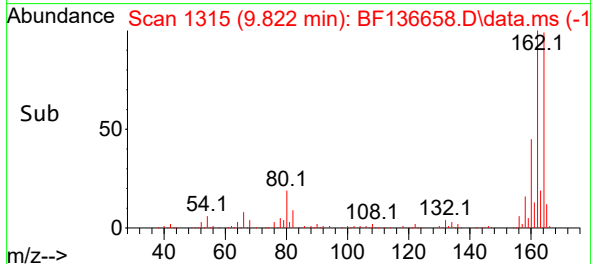
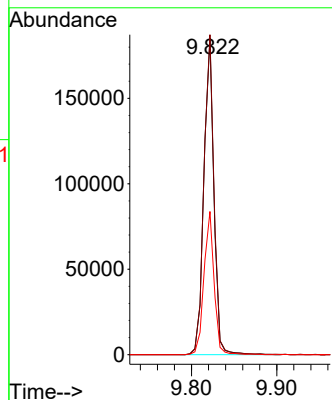
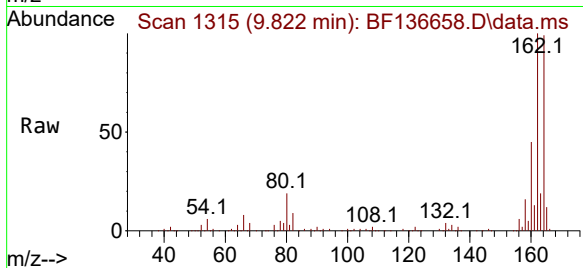
Tgt Ion:164 Resp: 151552

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 45.2 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 9.080 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

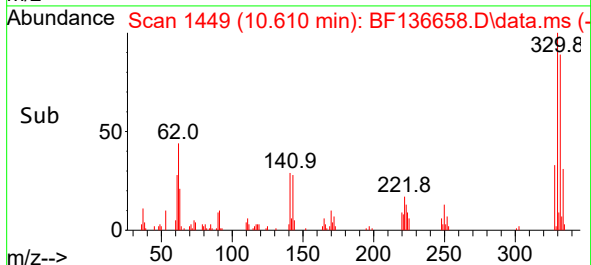
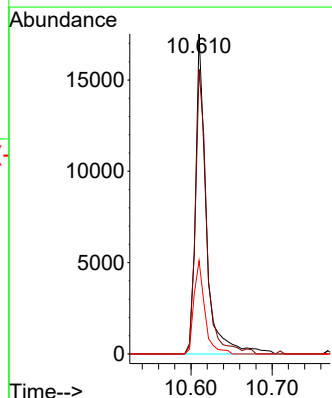
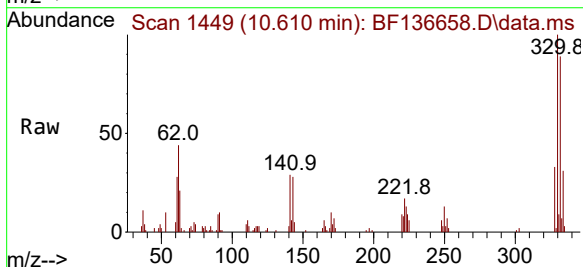
Tgt Ion:330 Resp: 16207

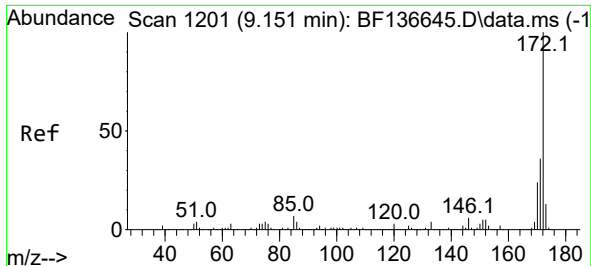
Ion Ratio Lower Upper

330 100

332 92.8 77.4 116.0

141 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 10.225 ng

RT: 9.139 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Instrument :

BNA_F

ClientSampleId :

PB157519BL

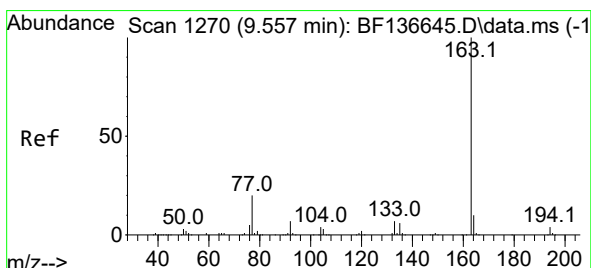
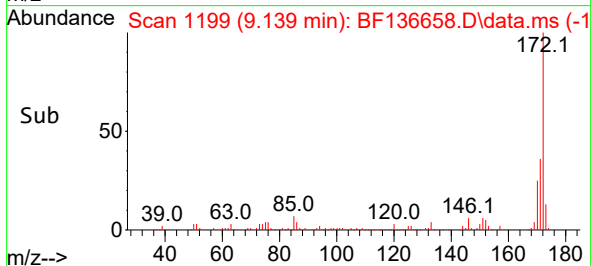
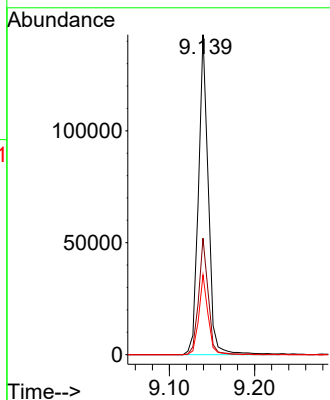
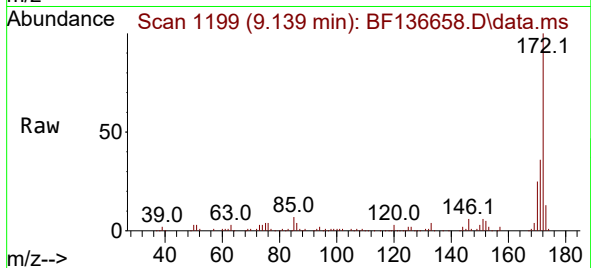
Tgt Ion:172 Resp: 115216

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 24.9 19.0 28.4



#50

Dimethylphthalate

Concen: 2.649 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

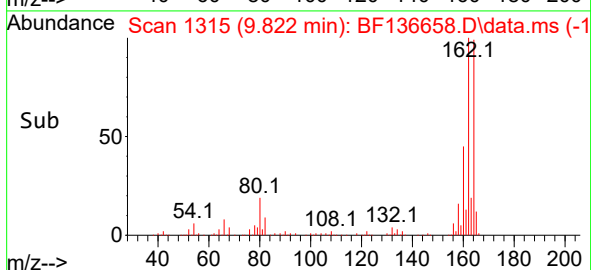
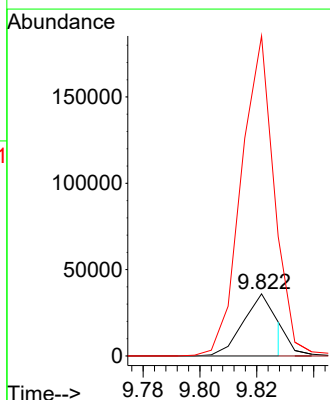
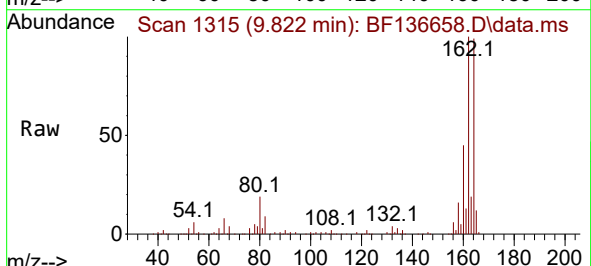
Tgt Ion:163 Resp: 29319

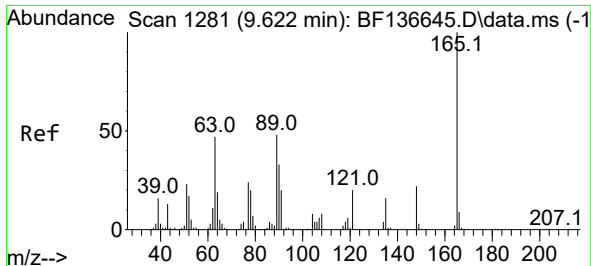
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 516.0 7.8 11.6#

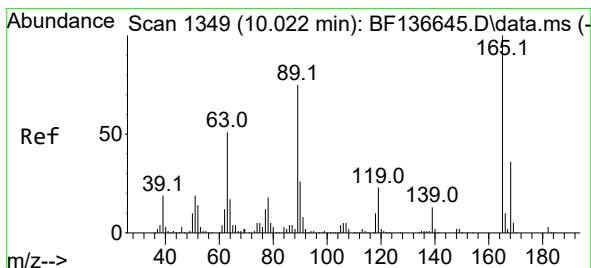
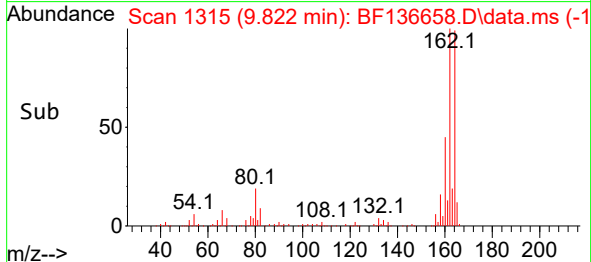
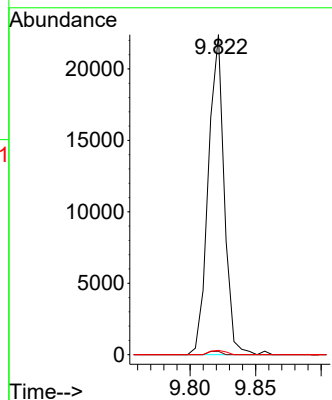
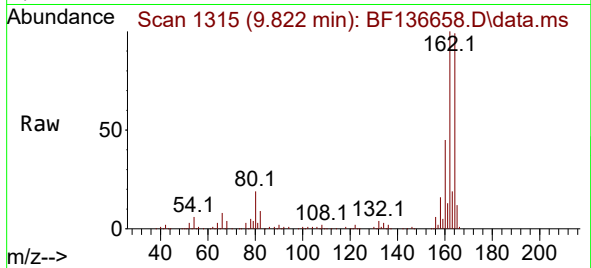




#51
2,6-Dinitrotoluene
Concen: 7.545 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136658.D
Acq: 20 Dec 2023 20:40

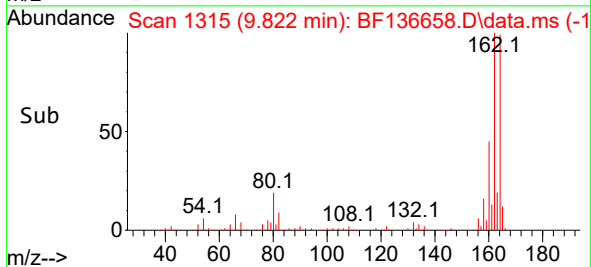
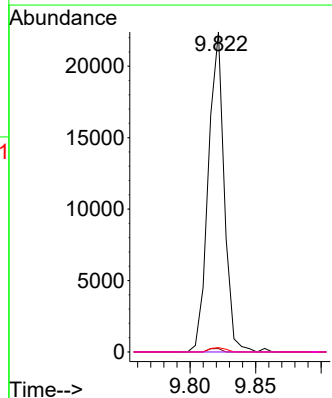
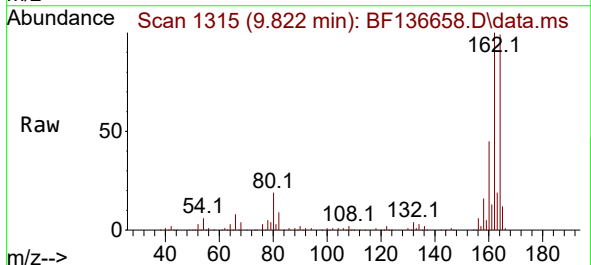
Instrument :
BNA_F
ClientSampleId :
PB157519BL

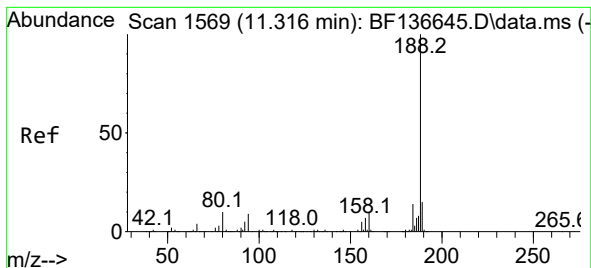
Tgt Ion:165 Resp: 18956
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136658.D
Acq: 20 Dec 2023 20:40

Tgt Ion:165 Resp: 18956
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Instrument :

BNA_F

ClientSampleId :

PB157519BL

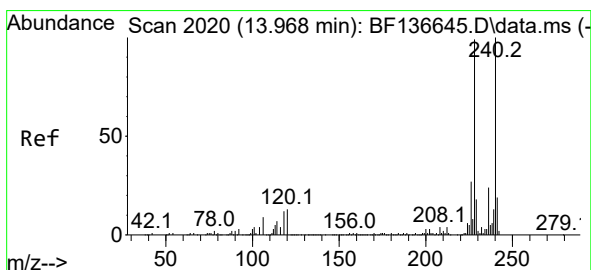
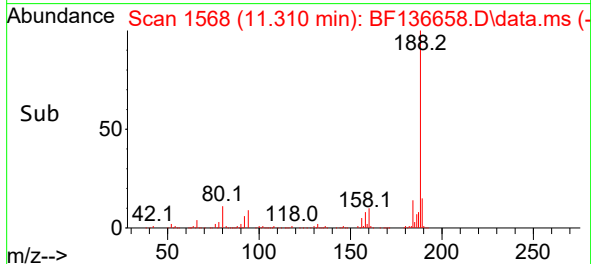
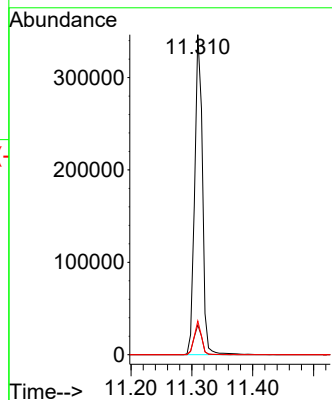
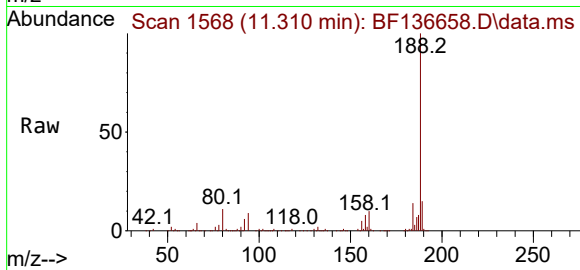
Tgt Ion:188 Resp: 305419

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

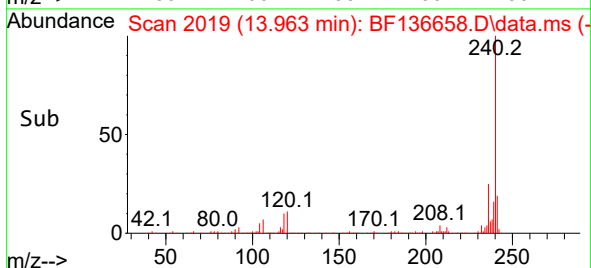
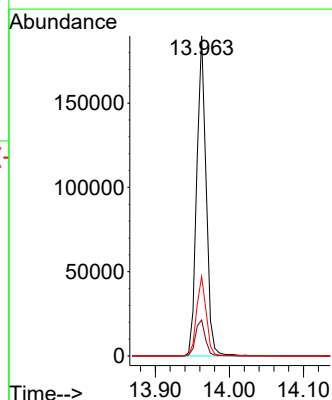
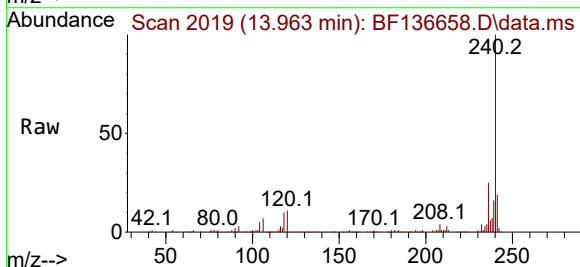
Tgt Ion:240 Resp: 167137

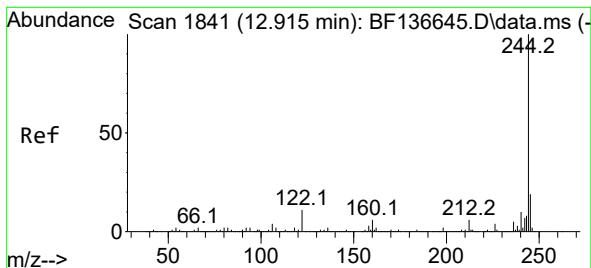
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 24.8 19.4 29.2





#79

Terphenyl-d14

Concen: 10.431 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Instrument :

BNA_F

ClientSampleId :

PB157519BL

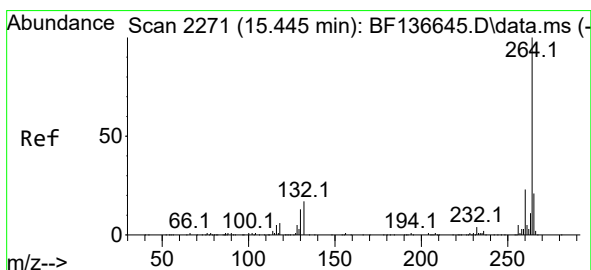
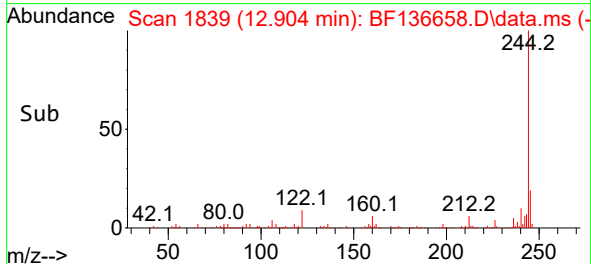
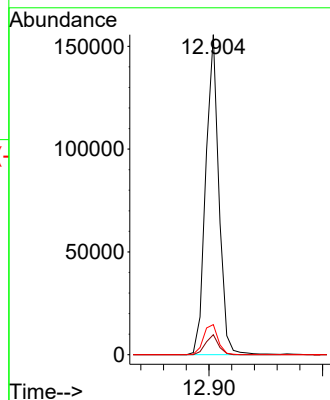
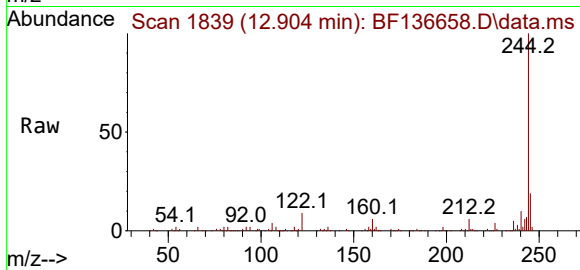
Tgt Ion:244 Resp: 124758

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 9.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136658.D

Acq: 20 Dec 2023 20:40

Tgt Ion:264 Resp: 146458

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 22.1 17.0 25.6

