

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136819.D
 Acq On : 29 Dec 2023 10:03
 Operator : CG\JU
 Sample : PB157996BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157996BL

Quant Time: Dec 29 10:25:56 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	6.781	152	89718	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	351669	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	185135	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	362214	20.000	ng	0.00
76) Chrysene-d12	13.968	240	228286	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	198910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	828482	144.081	ng	0.01
7) Phenol-d6	6.440	99	1044043	140.126	ng	0.00
23) Nitrobenzene-d5	7.351	82	660719	96.141	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	295378	135.471	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1280426	93.022	ng	-0.01
79) Terphenyl-d14	12.916	244	1403431	85.912	ng	0.00

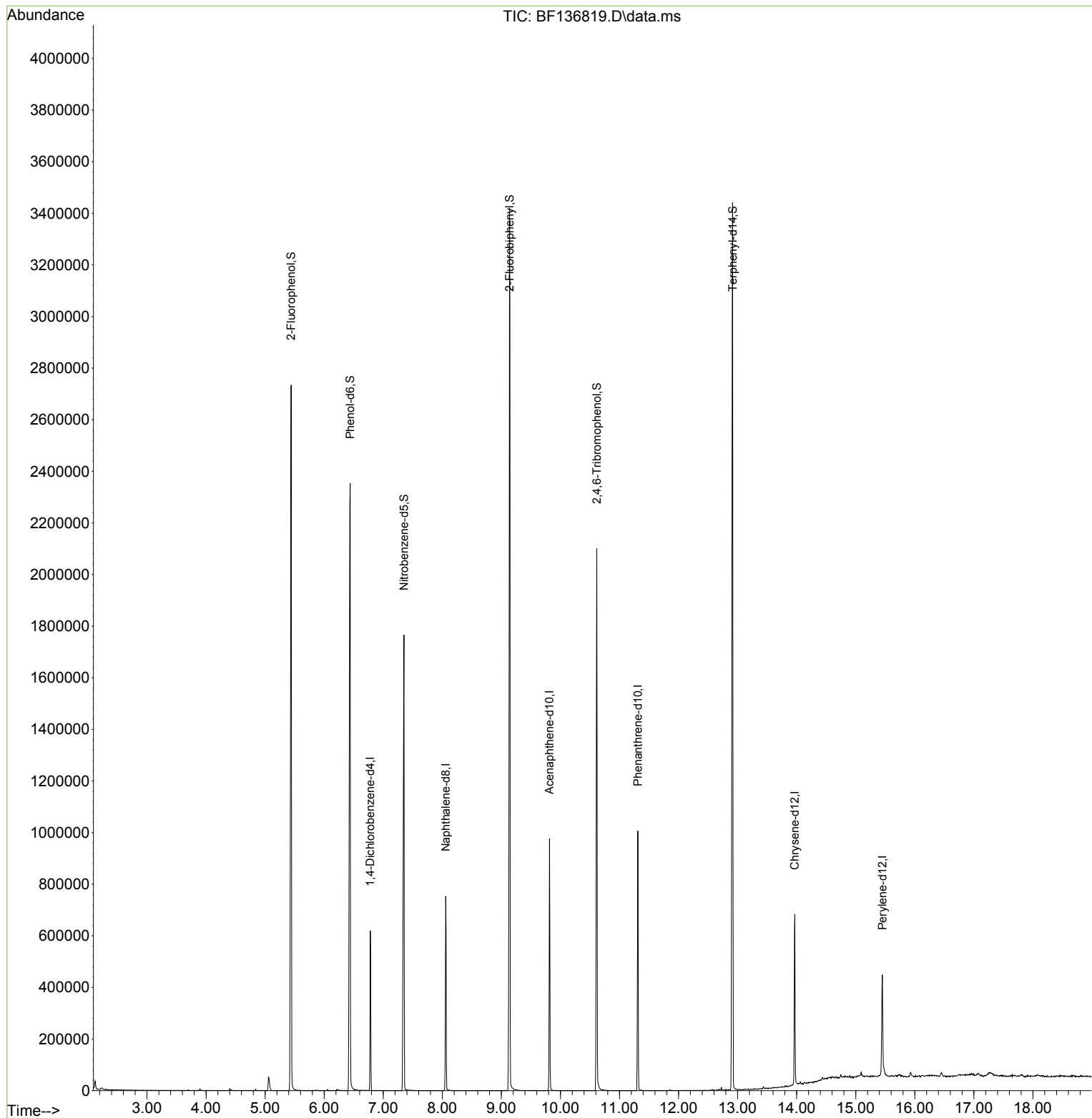
Target Compounds	Qvalue

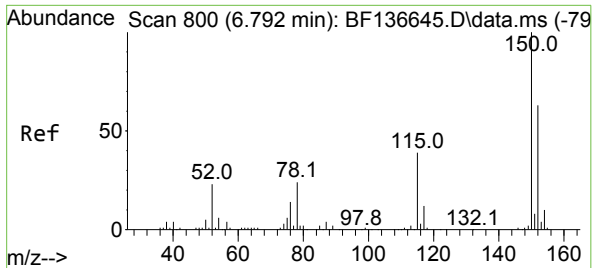
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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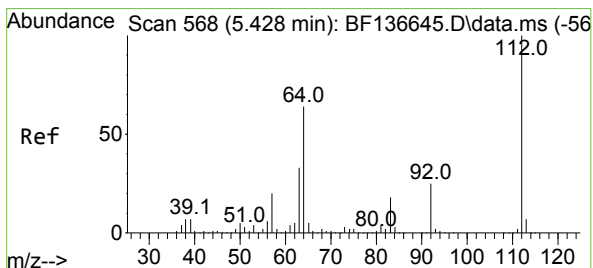
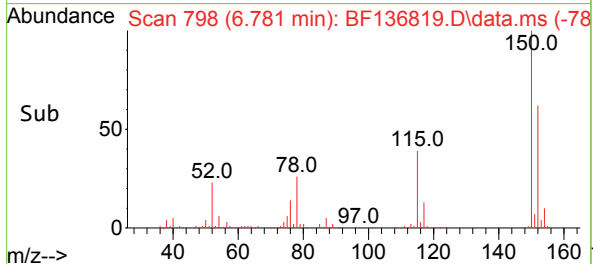
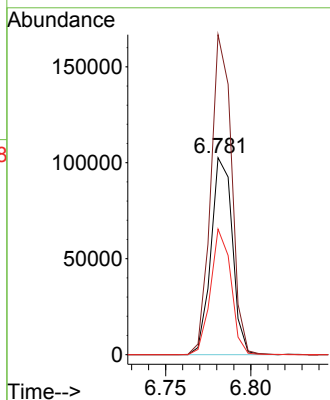
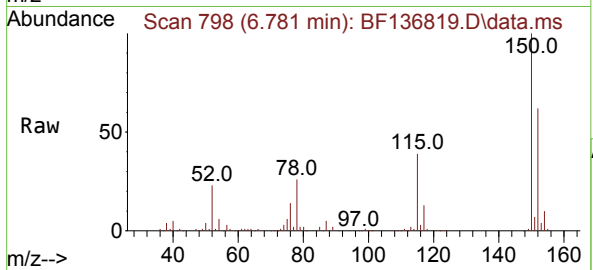




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

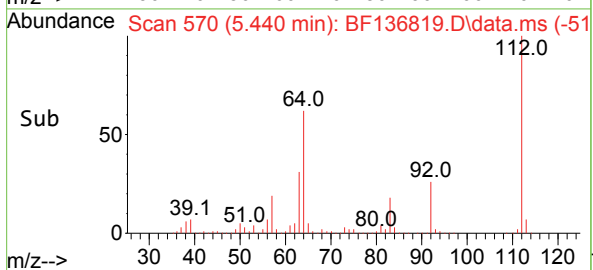
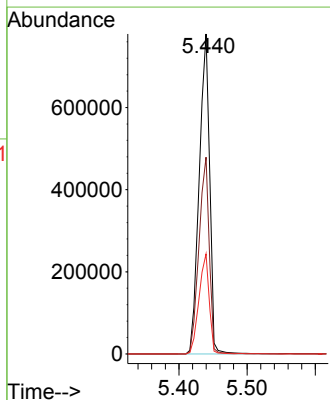
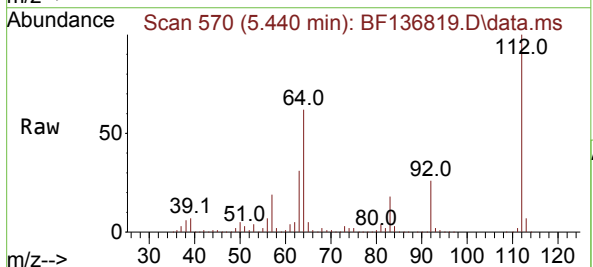
Instrument :
BNA_F
ClientSampleId :
PB157996BL

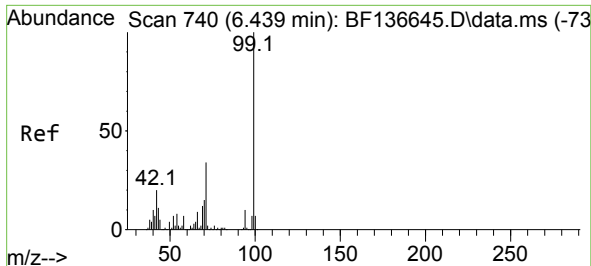
Tgt Ion:152 Resp: 89718
Ion Ratio Lower Upper
152 100
150 162.4 127.0 190.6
115 63.7 49.0 73.4



#5
2-Fluorophenol
Concen: 144.081 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion:112 Resp: 828482
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.2 26.1 39.1

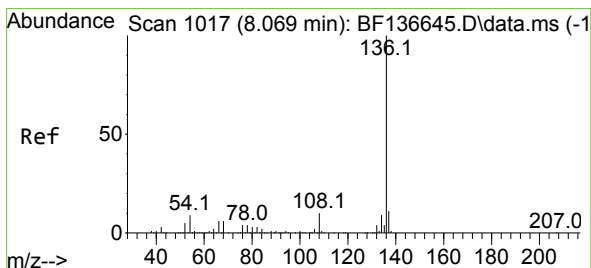
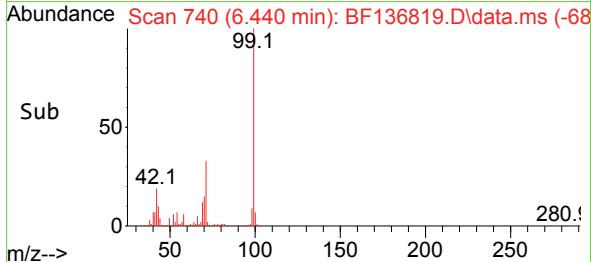
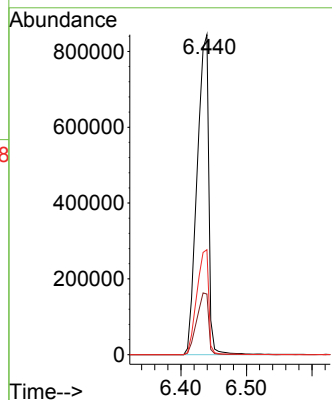
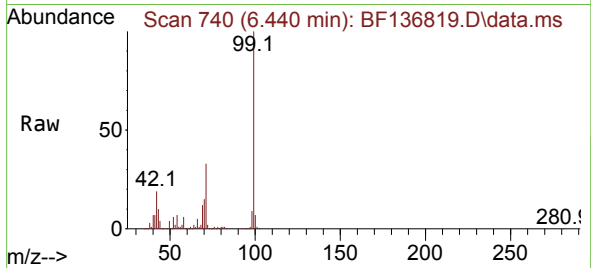




#7
Phenol-d6
Concen: 140.126 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

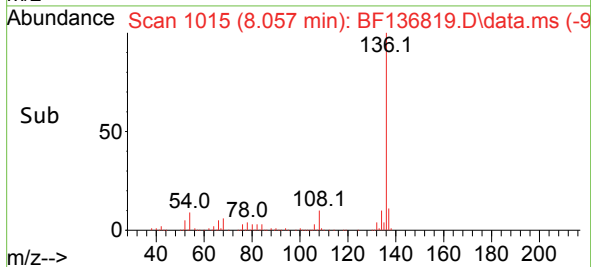
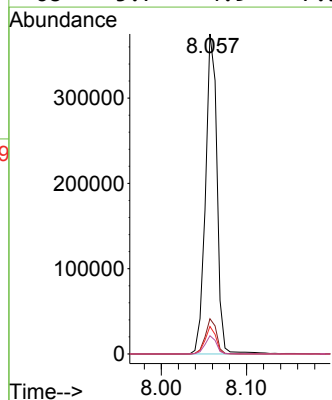
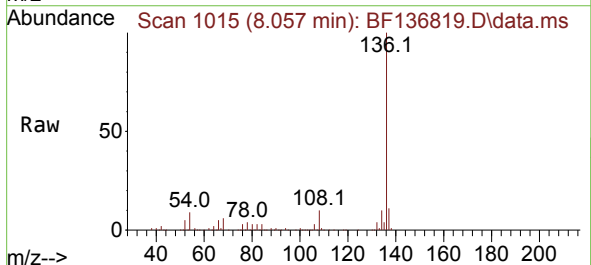
Instrument :
BNA_F
ClientSampleId :
PB157996BL

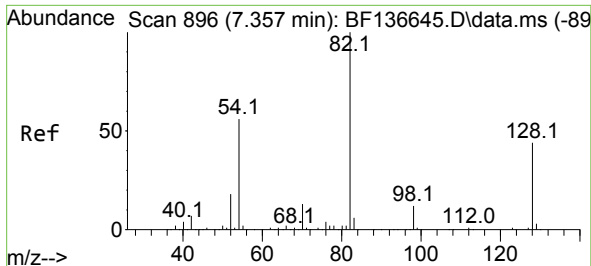
Tgt Ion: 99 Resp: 1044043
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion: 136 Resp: 351669
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.2 10.8
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.141 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB157996BL

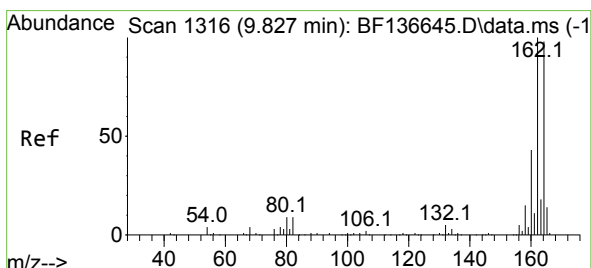
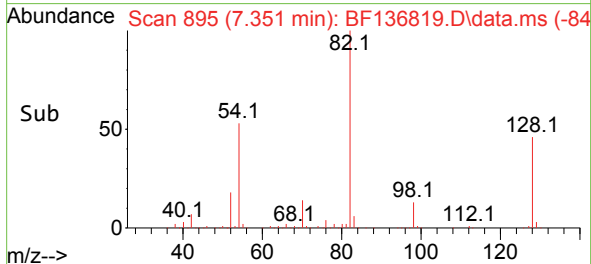
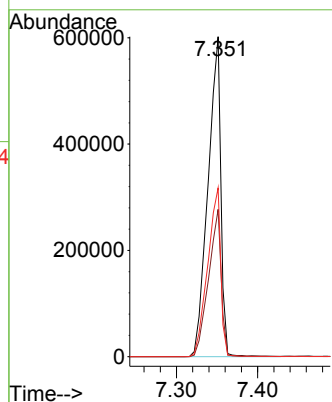
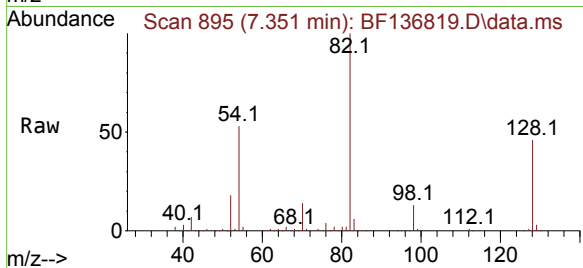
Tgt Ion: 82 Resp: 660719

Ion Ratio Lower Upper

82 100

128 46.1 35.3 52.9

54 52.7 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

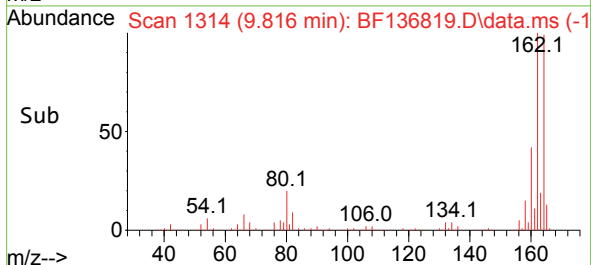
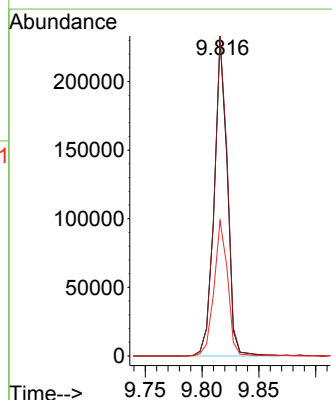
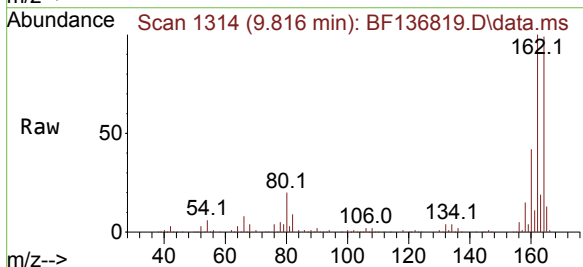
Tgt Ion:164 Resp: 185135

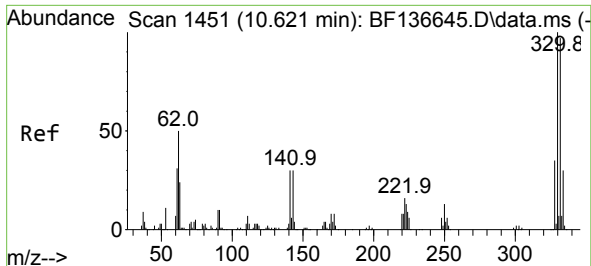
Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

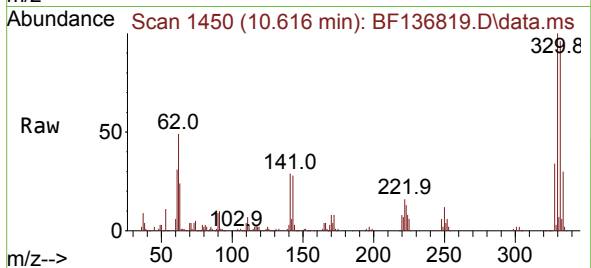
160 42.7 34.9 52.3



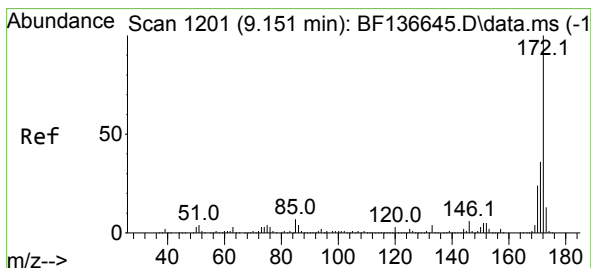
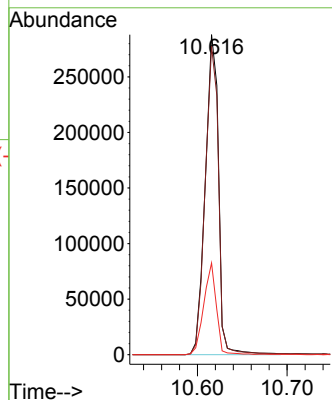
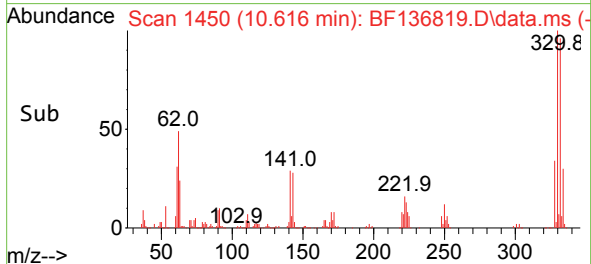


#42
2,4,6-Tribromophenol
Concen: 135.471 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :
PB157996BL

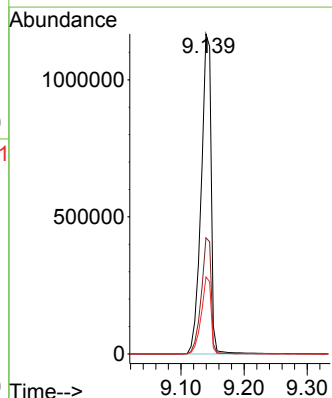
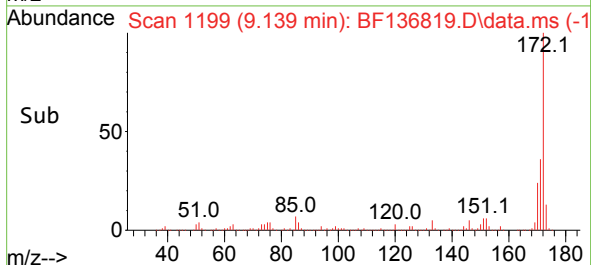
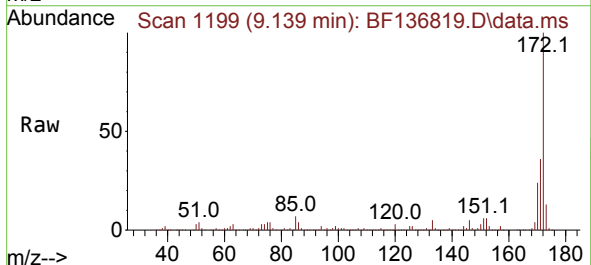


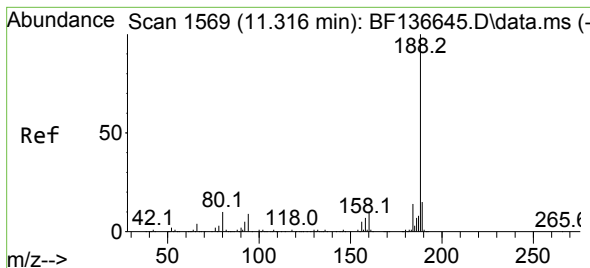
Tgt Ion:330 Resp: 295378
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 27.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.022 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion:172 Resp: 1280426
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB157996BL

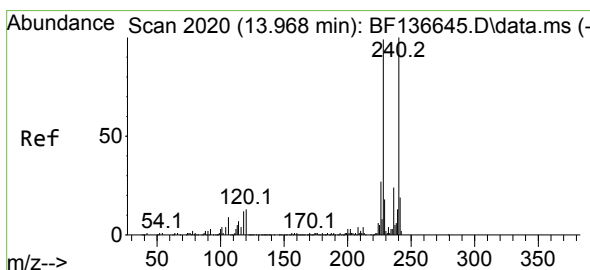
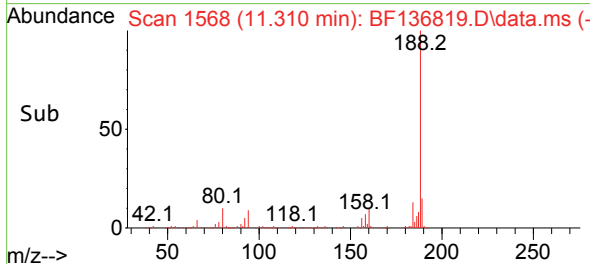
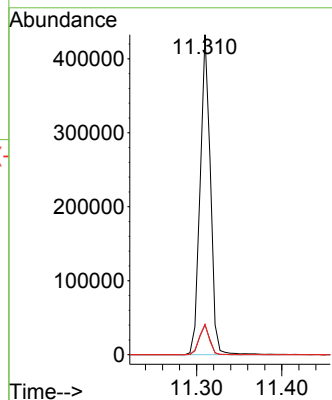
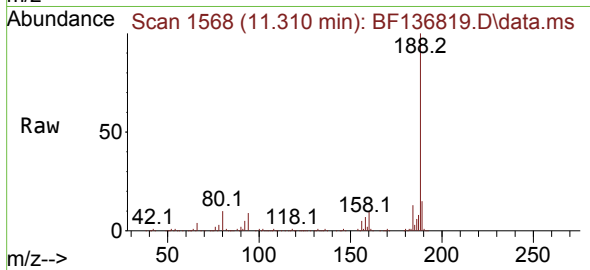
Tgt Ion:188 Resp: 362214

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

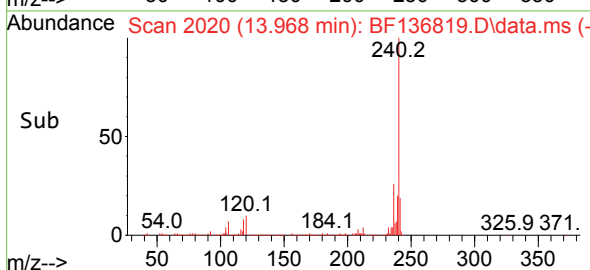
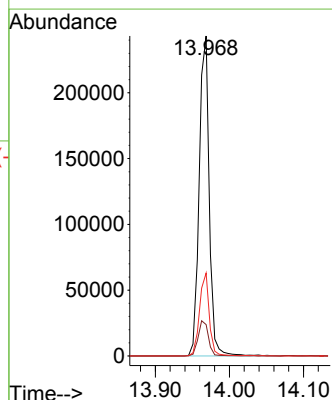
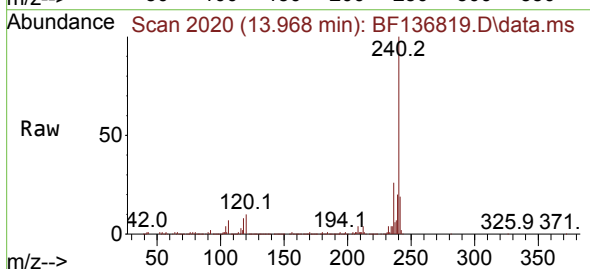
Tgt Ion:240 Resp: 228286

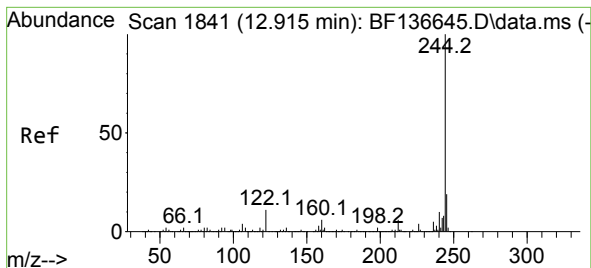
Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 25.9 19.4 29.2





#79

Terphenyl-d14

Concen: 85.912 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB157996BL

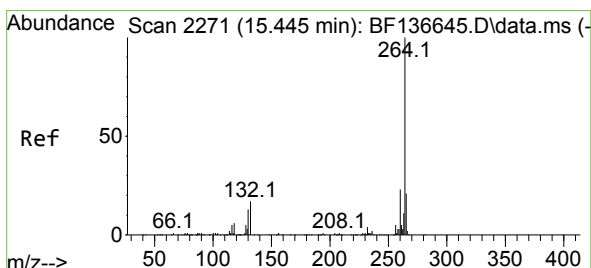
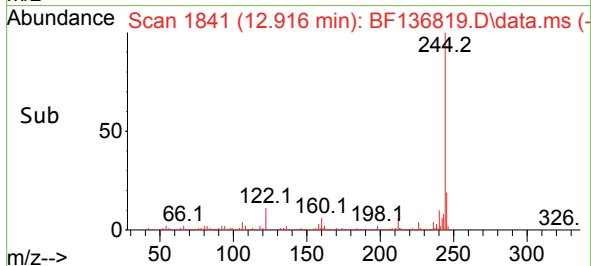
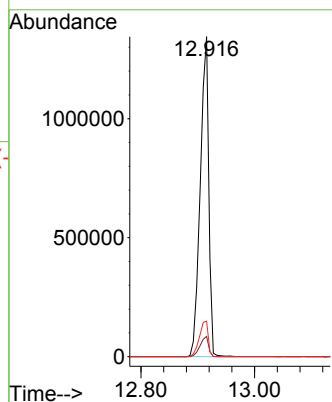
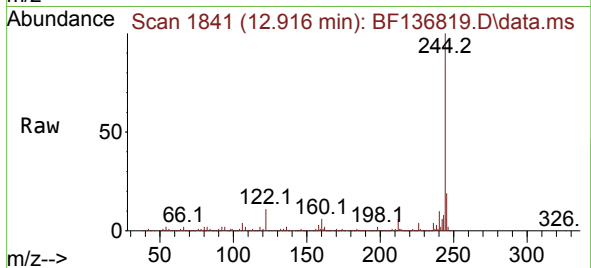
Tgt Ion:244 Resp: 1403431

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

Tgt Ion:264 Resp: 198910

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.8 17.0 25.6

