

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136071.D
 Acq On : 01 Nov 2023 12:21
 Operator : CG\JU
 Sample : PB156730BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156730BL

Quant Time: Nov 01 22:38:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154435	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	617161	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	327031	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	615762	20.000	ng	0.00
76) Chrysene-d12	14.010	240	406644	20.000	ng	0.00
86) Perylene-d12	15.504	264	328902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1249188	127.108	ng	0.01
7) Phenol-d6	6.463	99	1533761	125.257	ng	0.00
23) Nitrobenzene-d5	7.392	82	956391	93.418	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	487923	139.780	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1780283	86.779	ng	0.00
79) Terphenyl-d14	12.963	244	2128237	81.333	ng	0.00

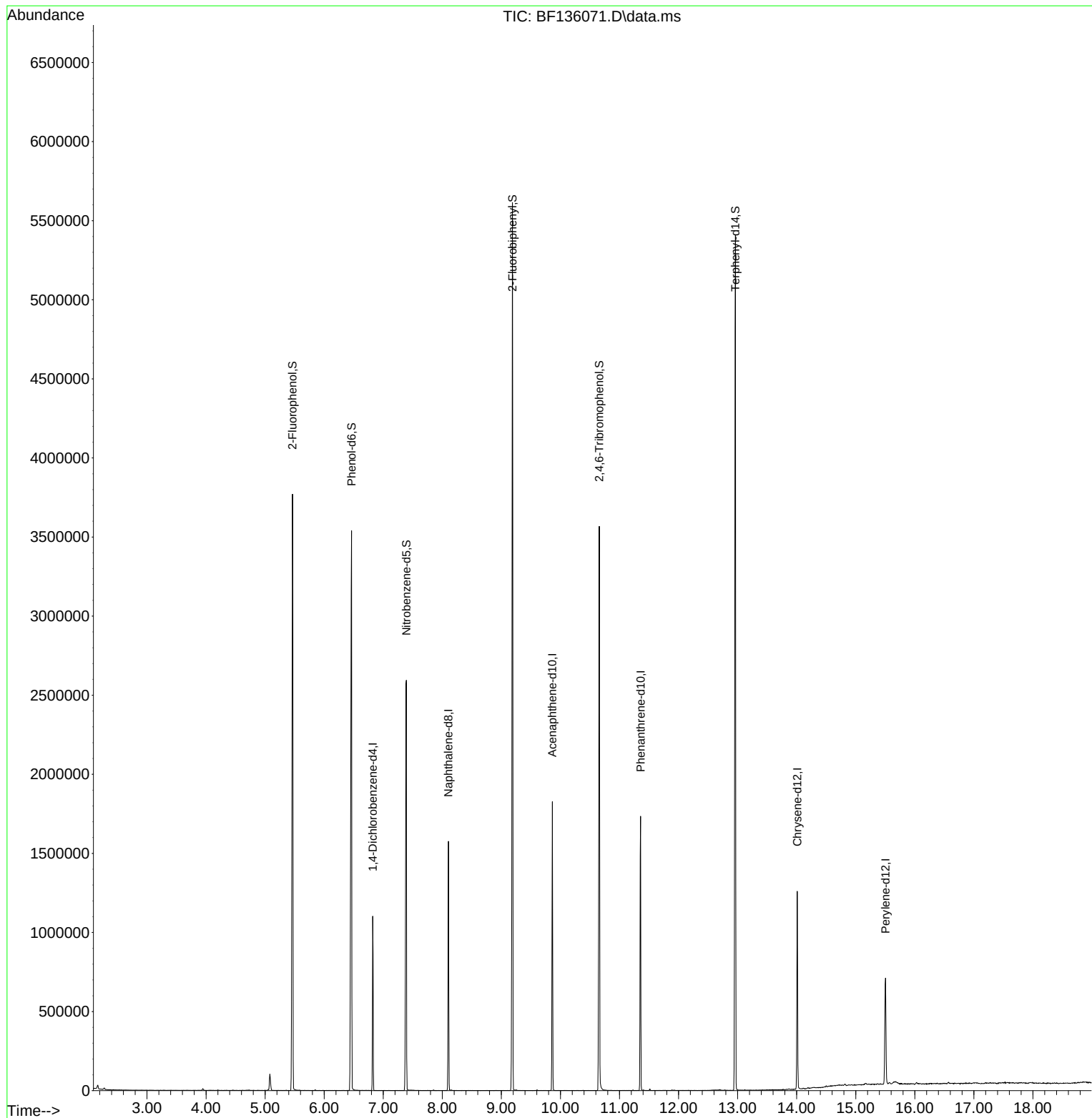
Target Compounds	Qvalue

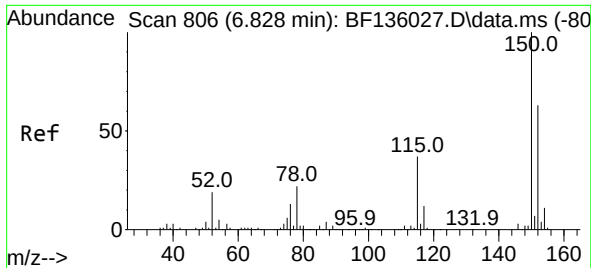
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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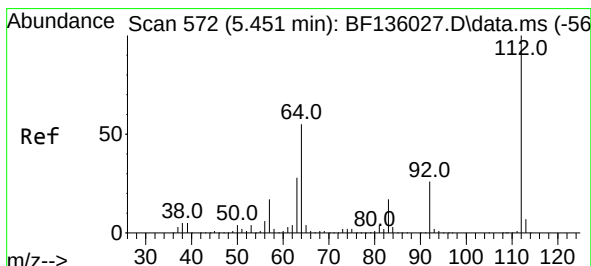
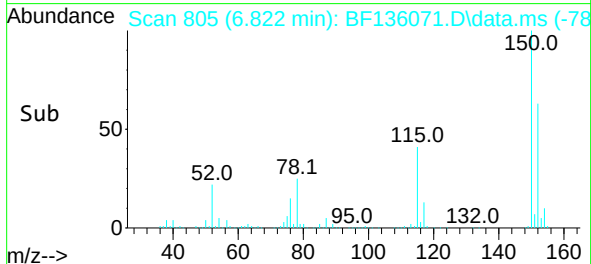
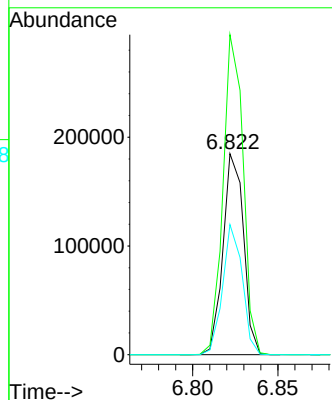
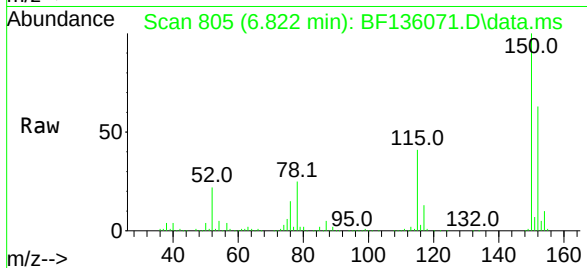




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

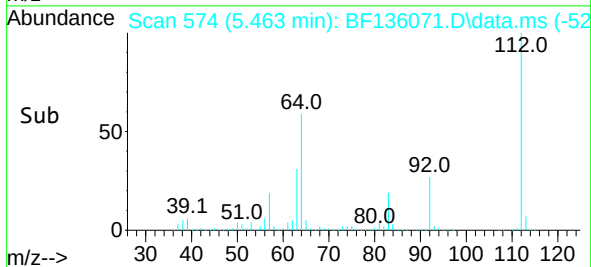
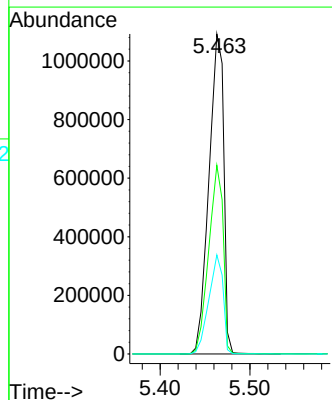
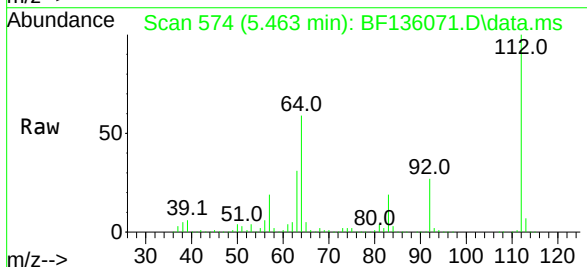
Instrument :
 BNA_F
 ClientSampleId :
 PB156730BL

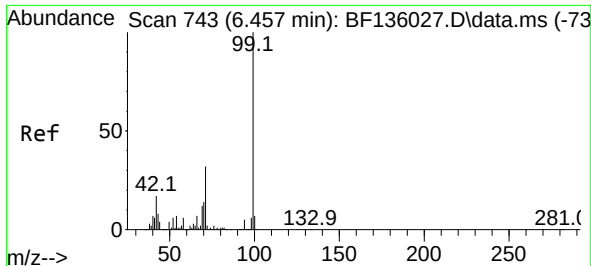
Tgt Ion:152 Resp: 154435
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.4 189.6
 115 64.8 47.0 70.4



#5
 2-Fluorophenol
 Concen: 127.108 ng
 RT: 5.463 min Scan# 574
 Delta R.T. 0.012 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

Tgt Ion:112 Resp: 1249188
 Ion Ratio Lower Upper
 112 100
 64 58.9 43.9 65.9
 63 31.0 22.4 33.6

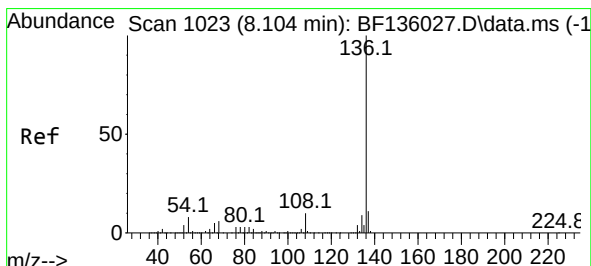
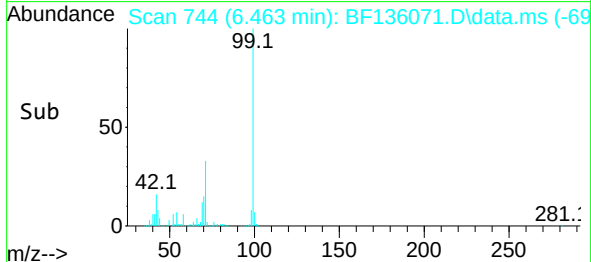
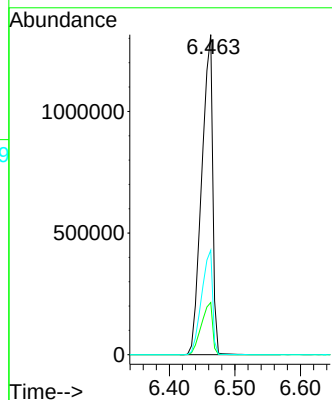
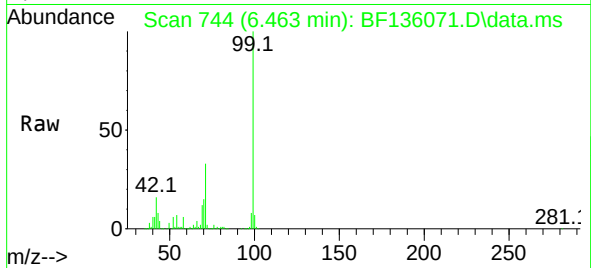




#7
Phenol-d6
Concen: 125.257 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

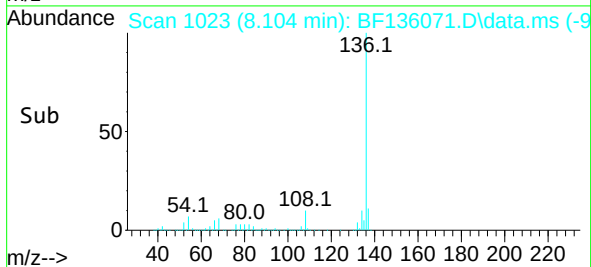
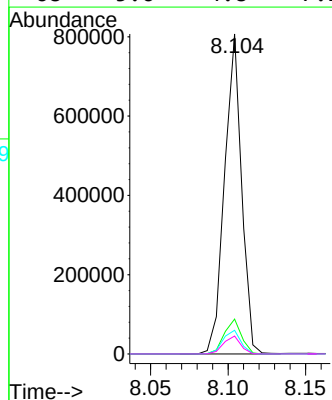
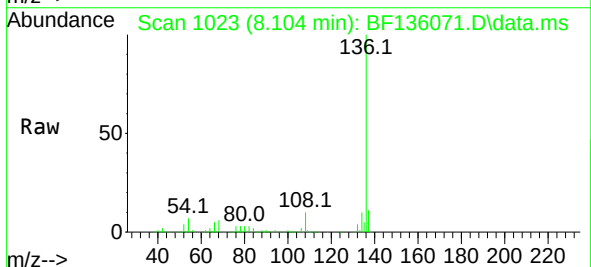
Instrument :
BNA_F
ClientSampleId :
PB156730BL

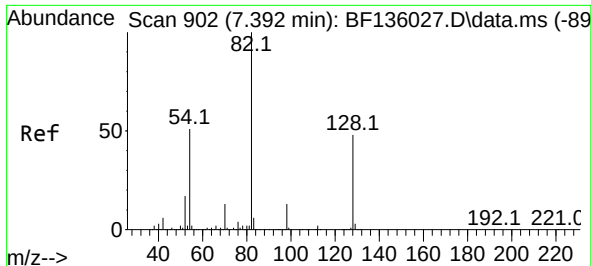
Tgt Ion: 99 Resp: 1533761
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 32.7 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion: 136 Resp: 617161
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 6.6 9.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.418 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136071.D

Acq: 01 Nov 2023 12:21

Instrument :

BNA_F

ClientSampleId :

PB156730BL

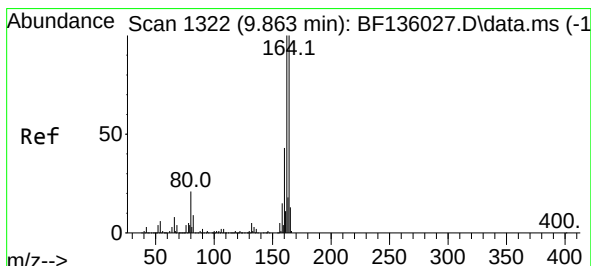
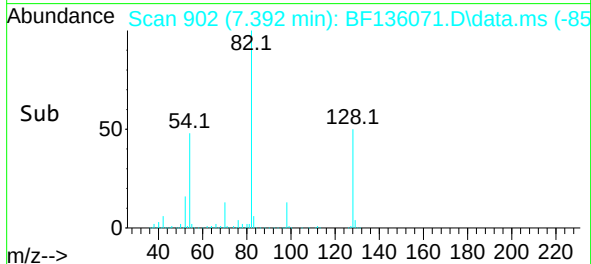
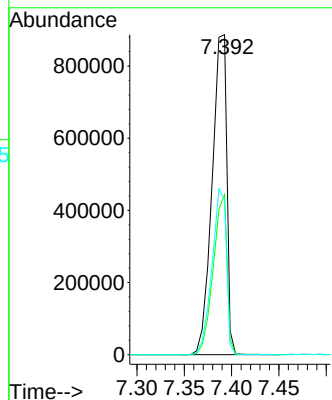
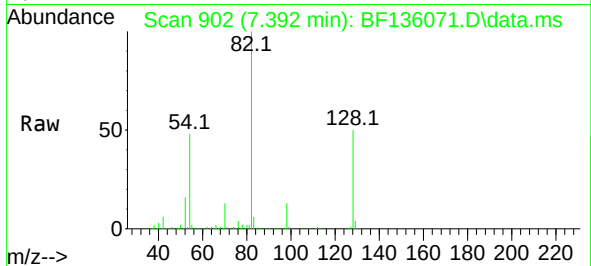
Tgt Ion: 82 Resp: 956391

Ion Ratio Lower Upper

82 100

128 50.0 38.6 57.8

54 48.5 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136071.D

Acq: 01 Nov 2023 12:21

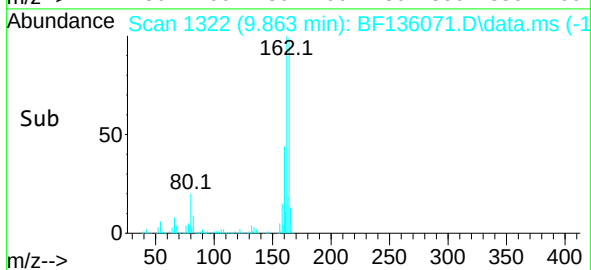
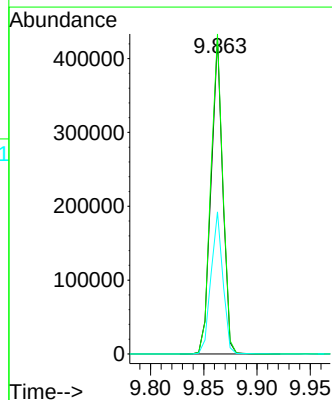
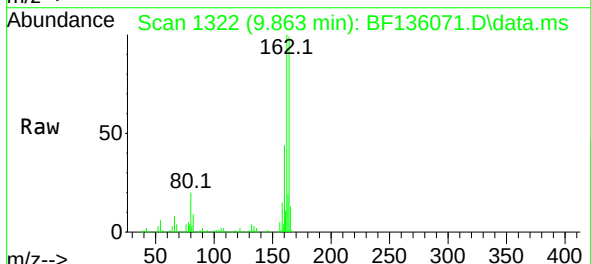
Tgt Ion:164 Resp: 327031

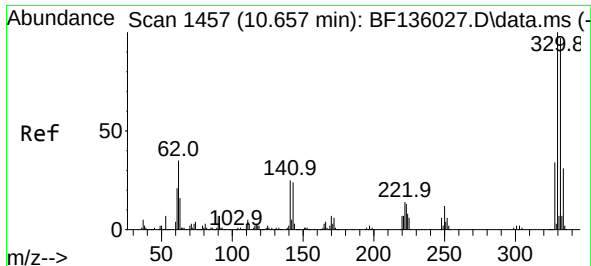
Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

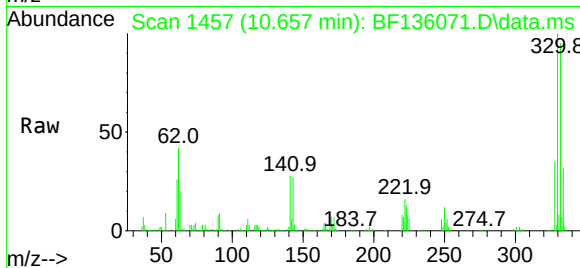
160 44.9 34.8 52.2



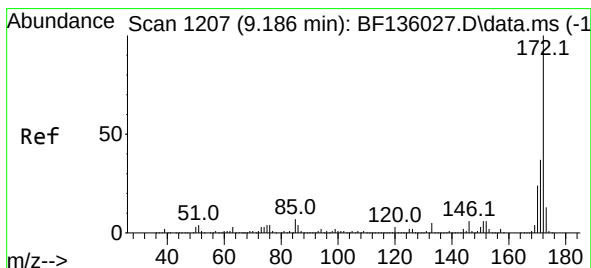
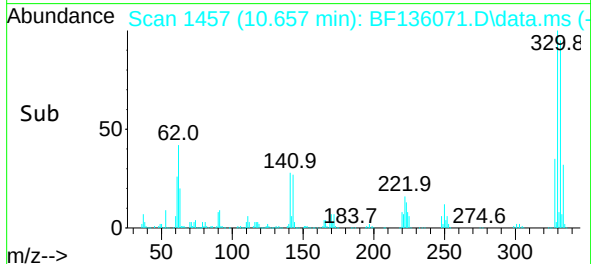
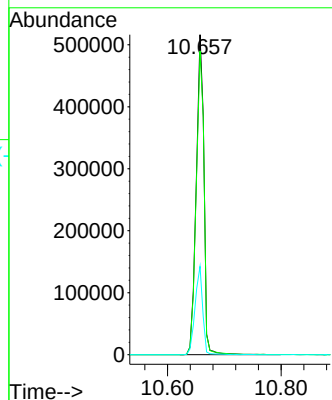


#42
 2,4,6-Tribromophenol
 Concen: 139.780 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB156730BL

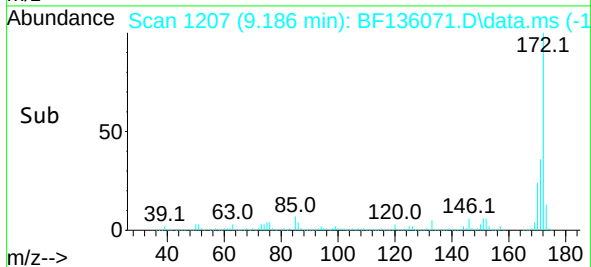
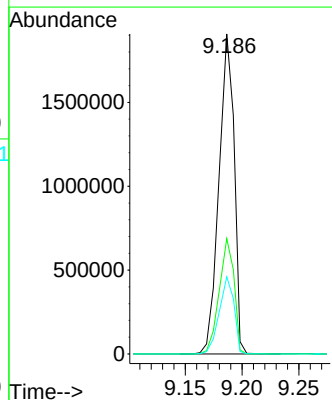
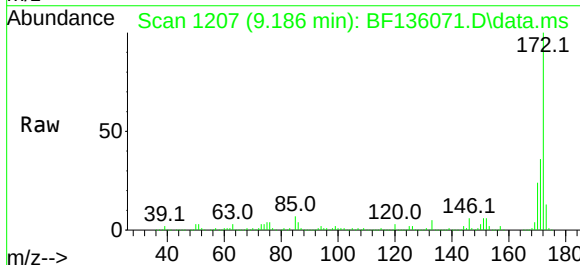


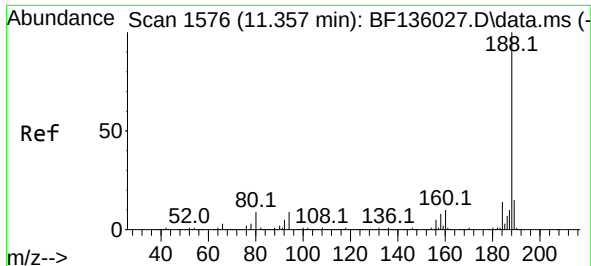
Tgt Ion:330 Resp: 487923
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 27.4 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 86.779 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

Tgt Ion:172 Resp: 1780283
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 19.3 28.9

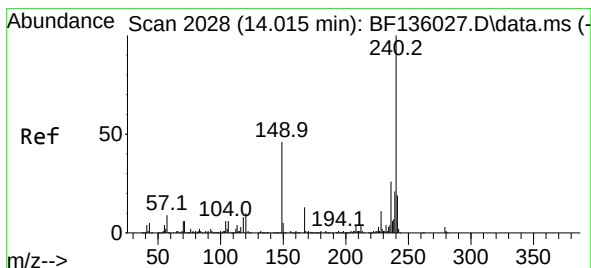
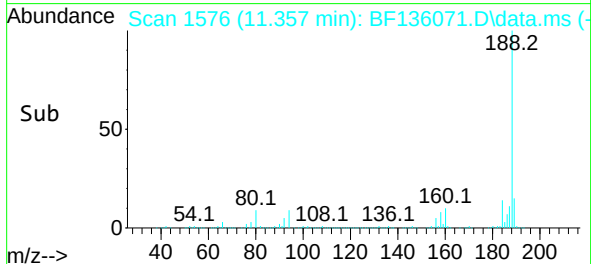
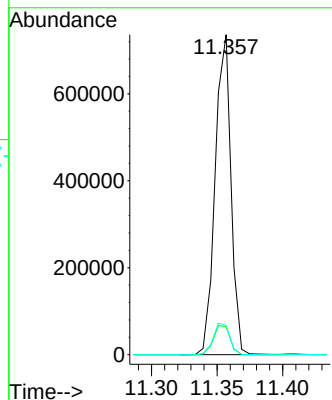
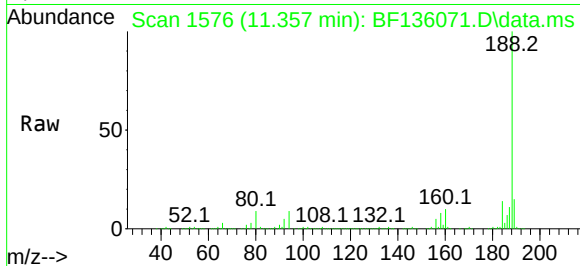




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

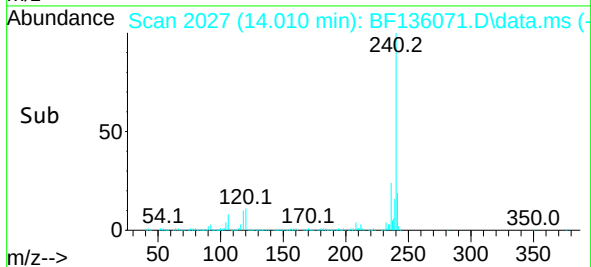
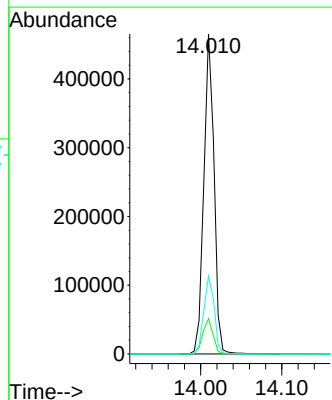
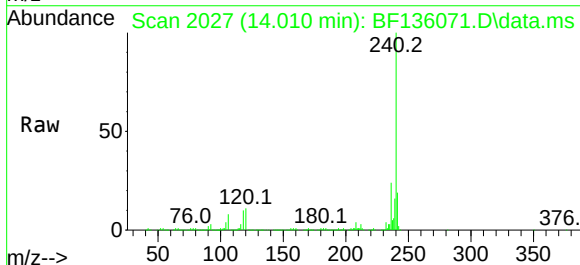
Instrument :
BNA_F
ClientSampleId :
PB156730BL

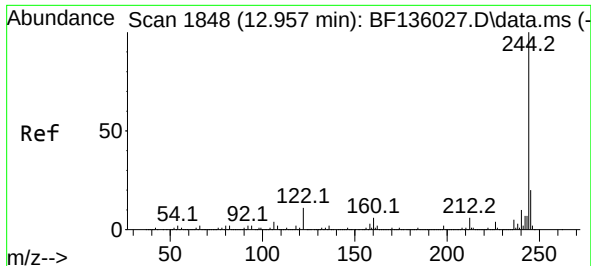
Tgt Ion:188 Resp: 615762
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:240 Resp: 406644
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 24.5 20.6 31.0

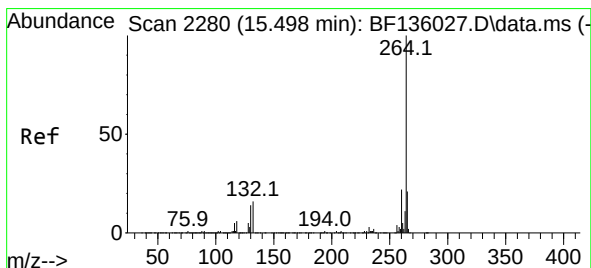
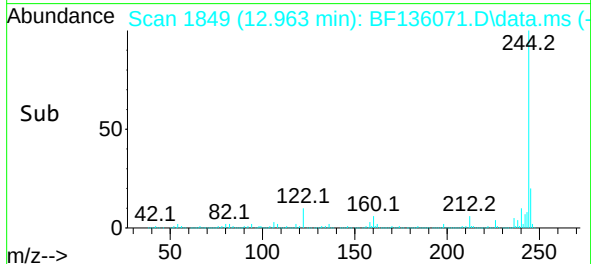
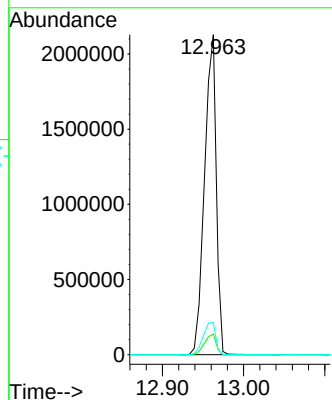
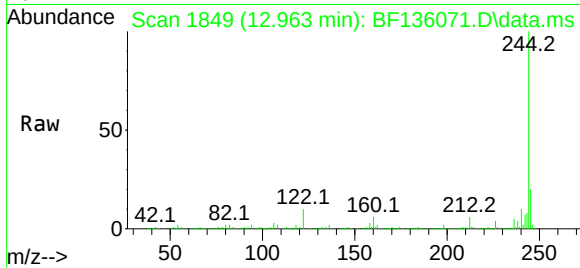




#79
 Terphenyl-d14
 Concen: 81.333 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB156730BL

Tgt Ion:244 Resp: 2128237
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF136071.D
 Acq: 01 Nov 2023 12:21

Tgt Ion:264 Resp: 328902
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 20.5 16.8 25.2

