

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139596.D
 Acq On : 02 Oct 2024 10:14
 Operator : RC/JU
 Sample : PB163784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163784BL

Quant Time: Oct 02 11:08:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	97757	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	379209	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	224193	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	451052	20.000	ng	0.00
76) Chrysene-d12	14.027	240	325892	20.000	ng	0.00
86) Perylene-d12	15.498	264	258263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	779030	138.123	ng	0.01
7) Phenol-d6	6.498	99	1043575	137.589	ng	0.00
23) Nitrobenzene-d5	7.428	82	681436	90.982	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	295535	136.555	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1281997	87.786	ng	0.00
79) Terphenyl-d14	12.980	244	1624836	81.809	ng	0.00

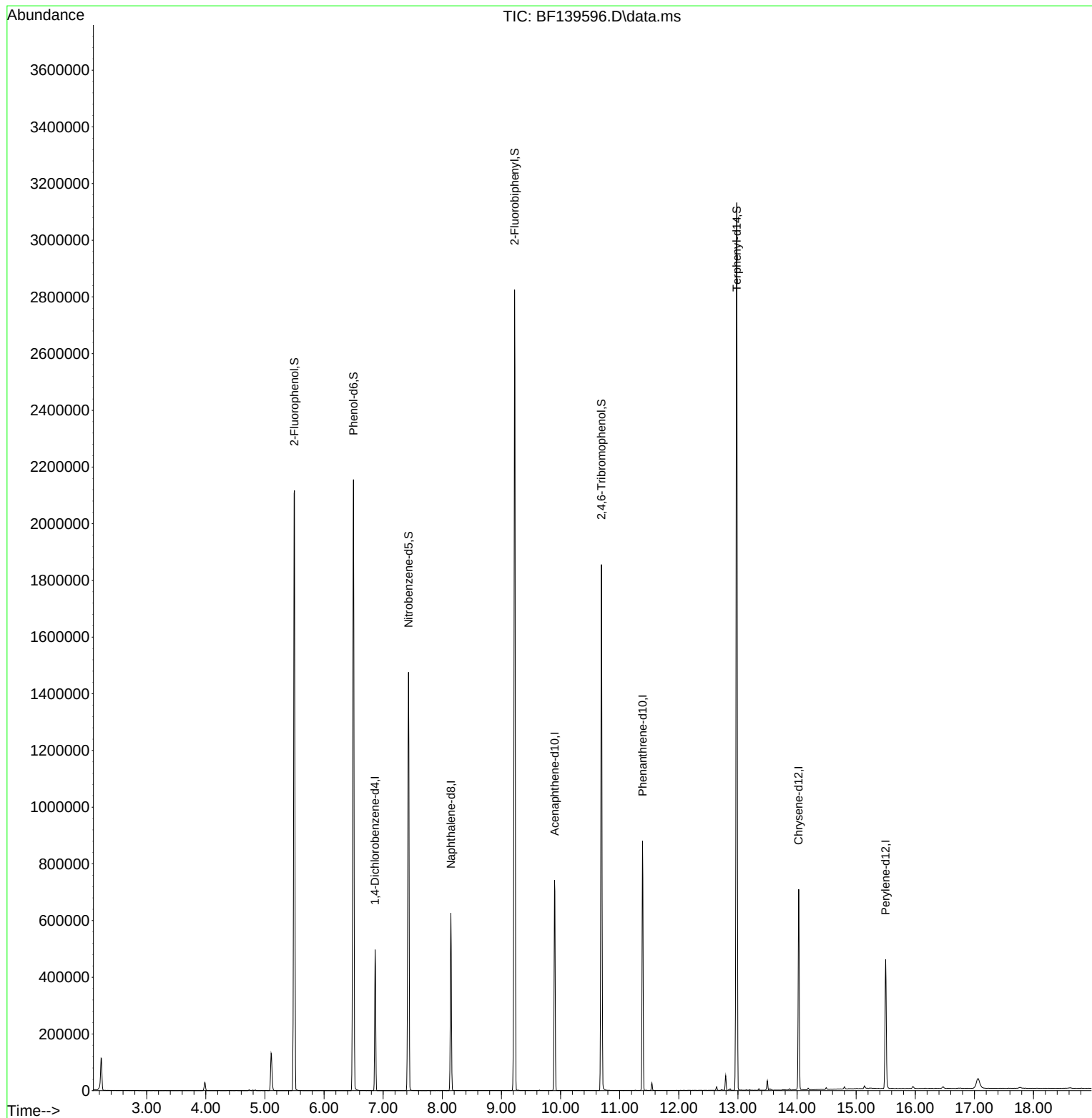
Target Compounds	Qvalue

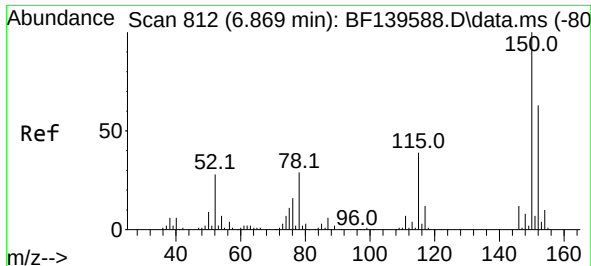
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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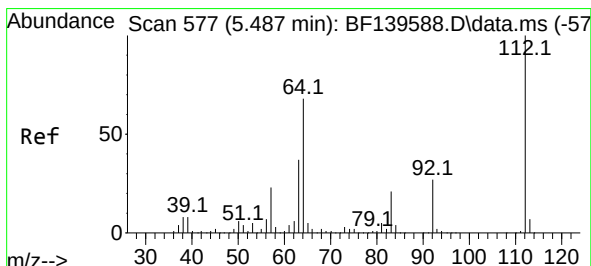
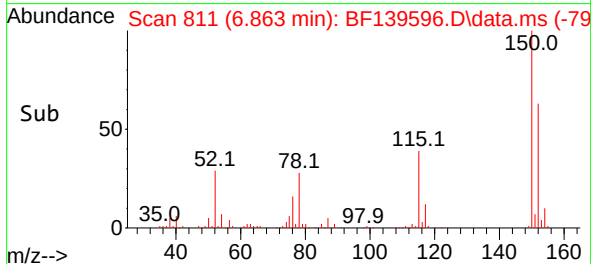
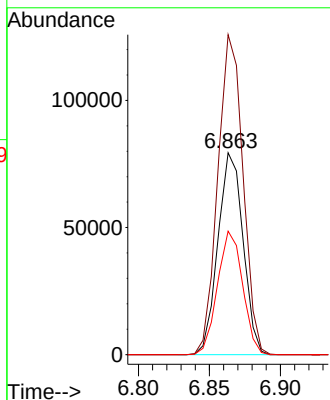
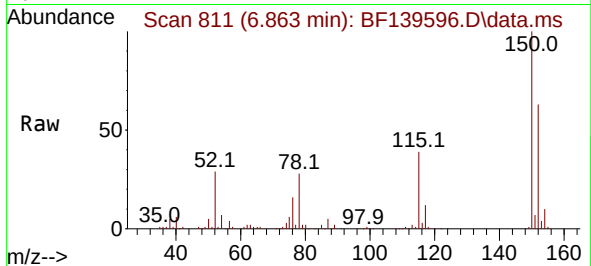




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

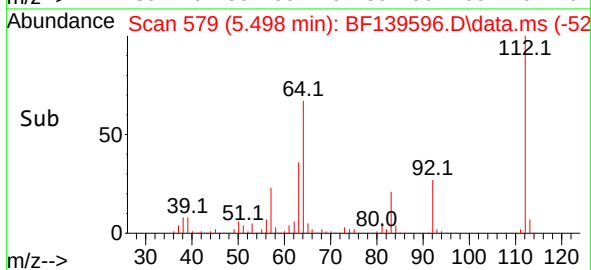
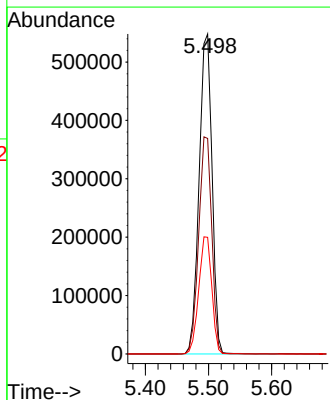
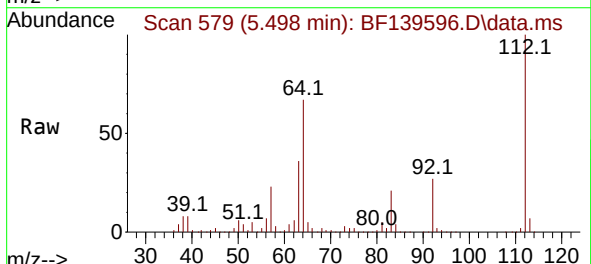
Instrument :
BNA_F
ClientSampleId :
PB163784BL

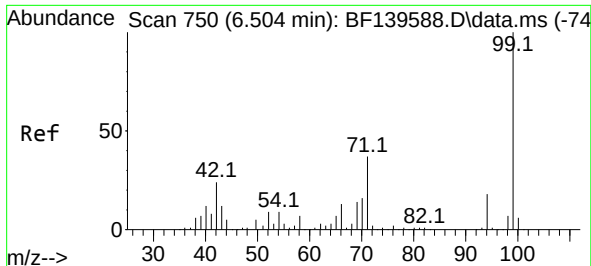
Tgt Ion:152 Resp: 97757
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 138.123 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion:112 Resp: 779030
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.4 29.4 44.2

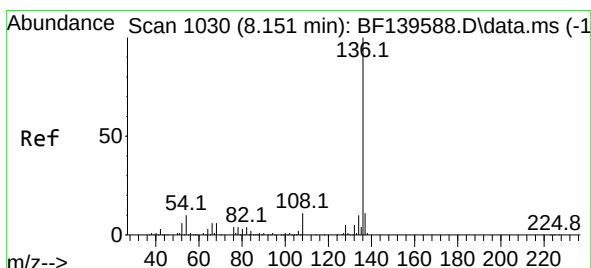
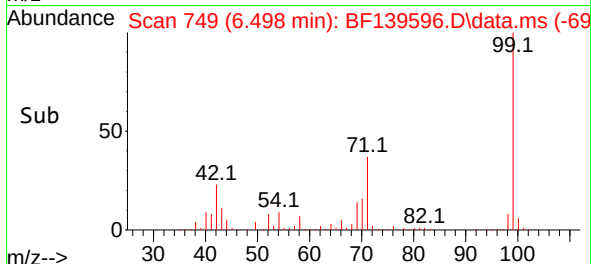
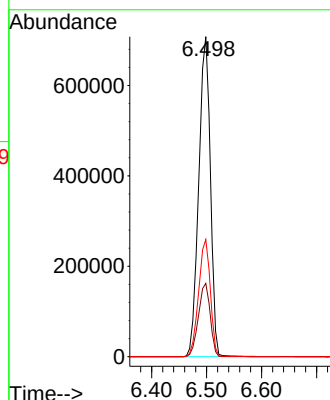
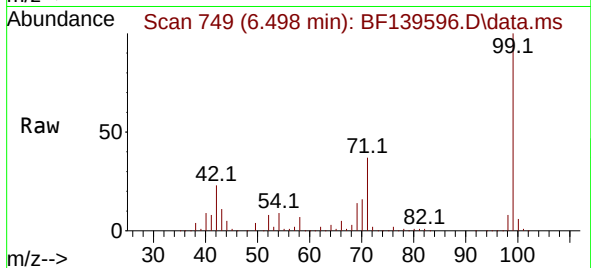




#7
Phenol-d6
Concen: 137.589 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

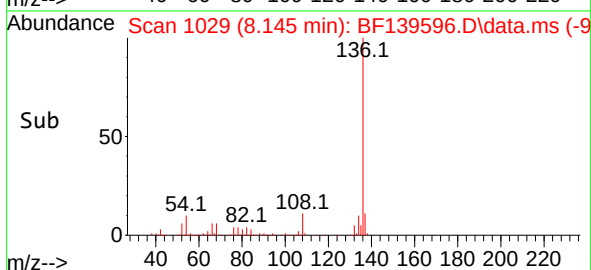
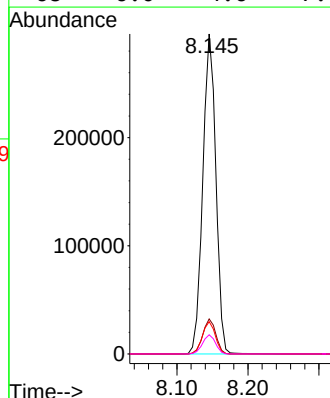
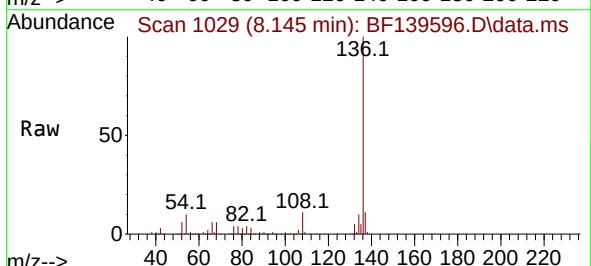
Instrument :
BNA_F
ClientSampleId :
PB163784BL

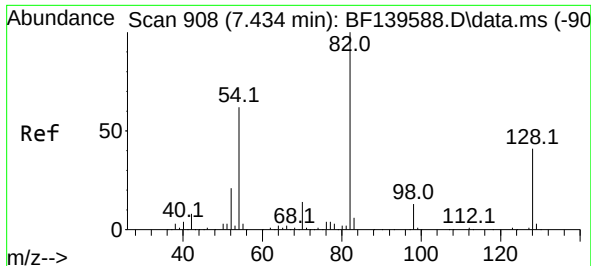
Tgt Ion: 99 Resp: 1043575
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion: 136 Resp: 379209
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 8.3 12.5
68 6.0 4.6 7.0

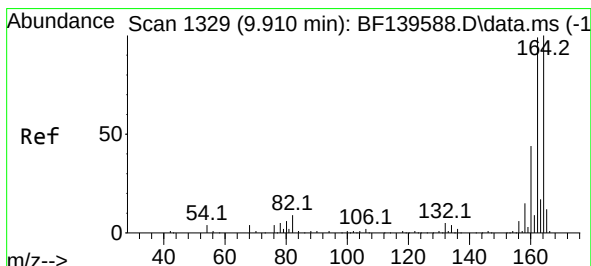
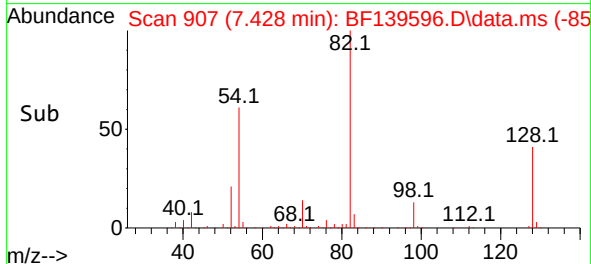
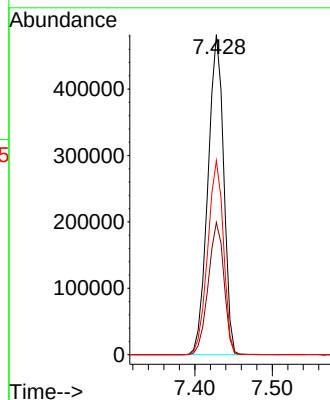
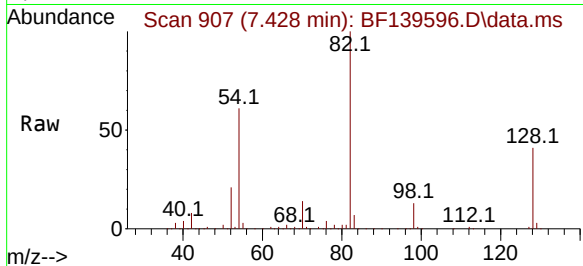




#23
Nitrobenzene-d5
Concen: 90.982 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

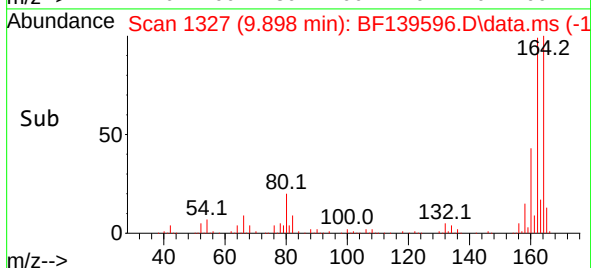
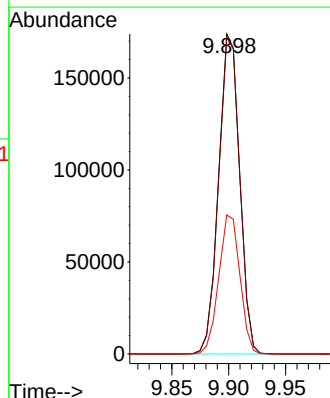
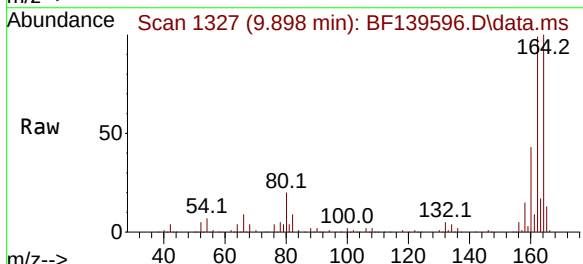
Instrument :
BNA_F
ClientSampleId :
PB163784BL

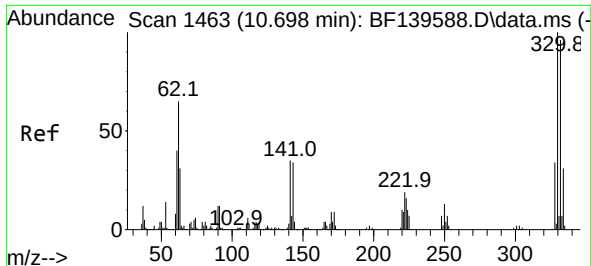
Tgt Ion: 82 Resp: 681436
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 60.6 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

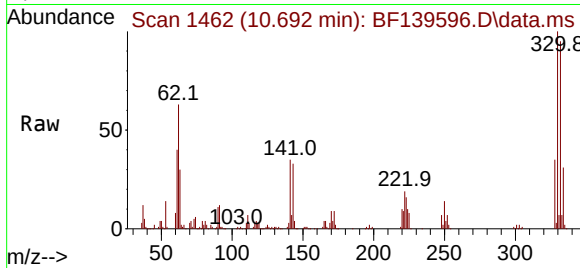
Tgt Ion:164 Resp: 224193
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 43.5 35.1 52.7



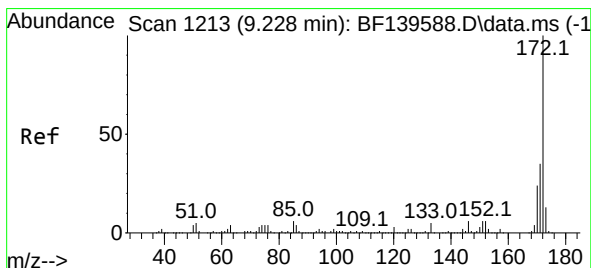
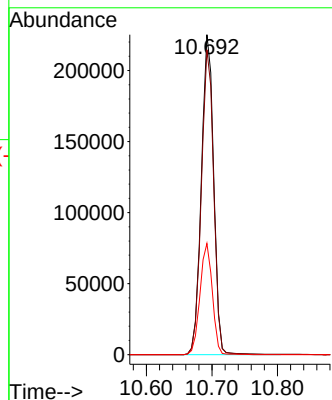
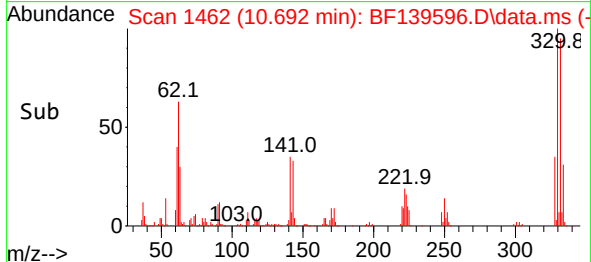


#42
2,4,6-Tribromophenol
Concen: 136.555 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

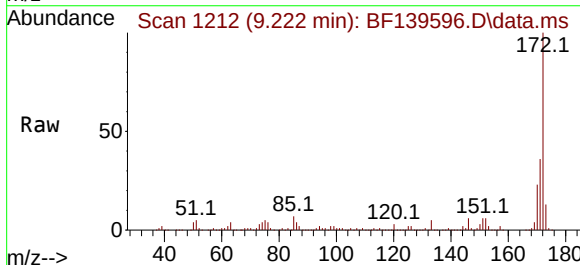
Instrument :
BNA_F
ClientSampleId :
PB163784BL



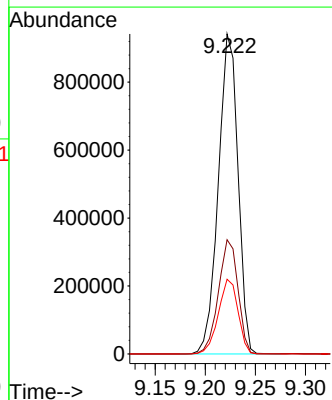
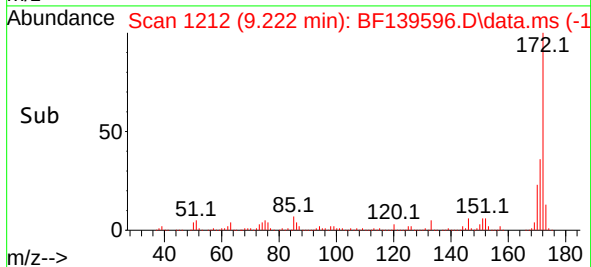
Tgt Ion:330 Resp: 295535
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 34.7 29.3 43.9

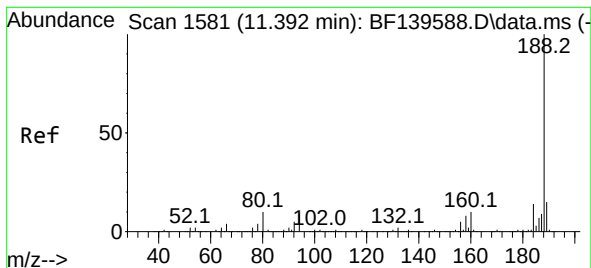


#45
2-Fluorobiphenyl
Concen: 87.786 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14



Tgt Ion:172 Resp: 1281997
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB163784BL

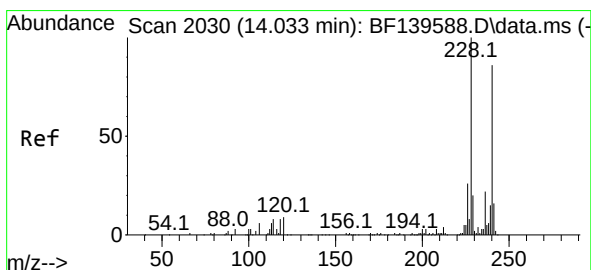
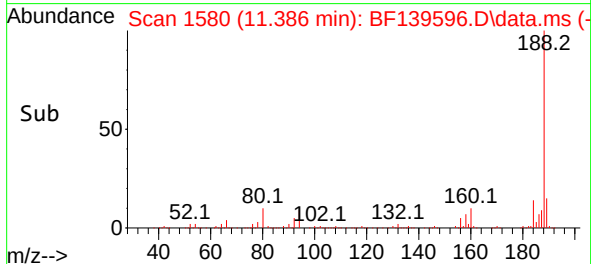
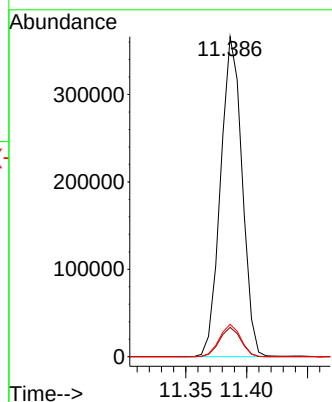
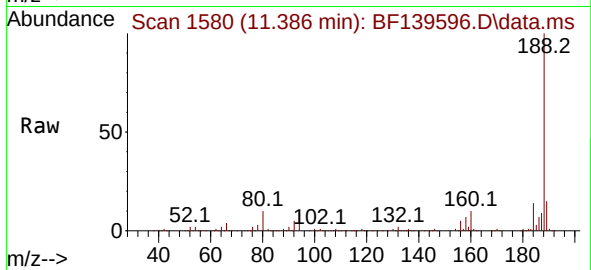
Tgt Ion:188 Resp: 451052

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.1 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

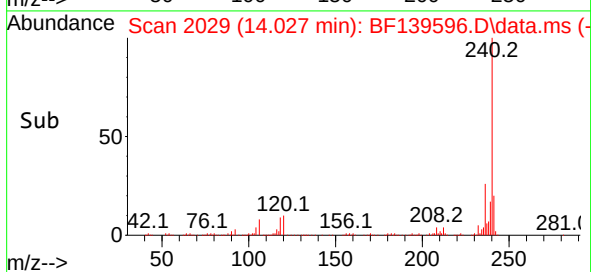
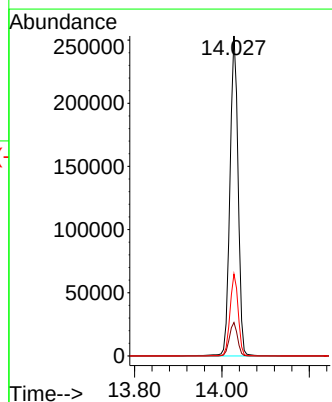
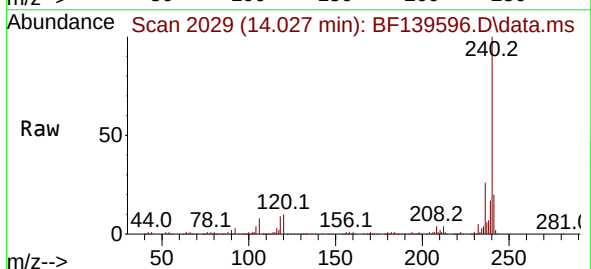
Tgt Ion:240 Resp: 325892

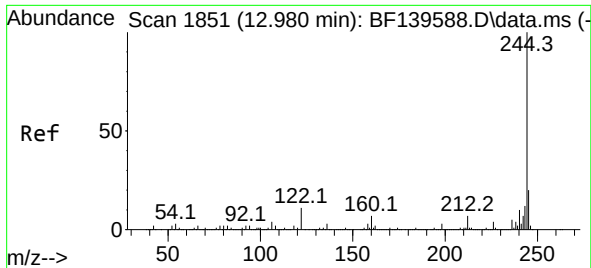
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.6 20.3 30.5

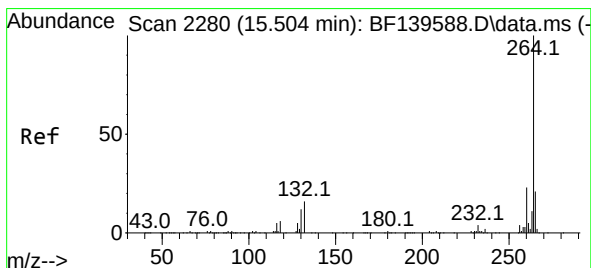
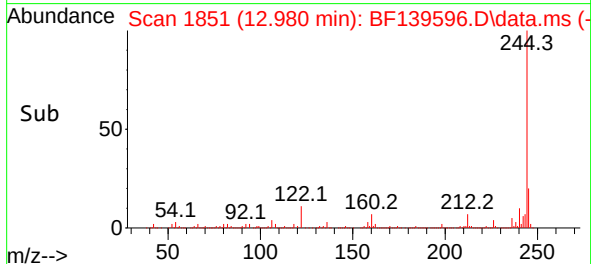
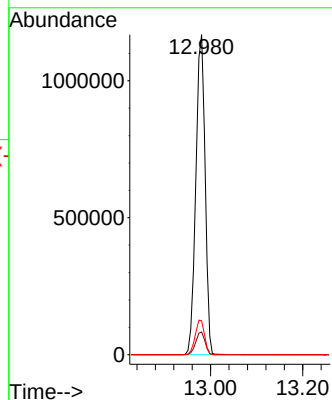
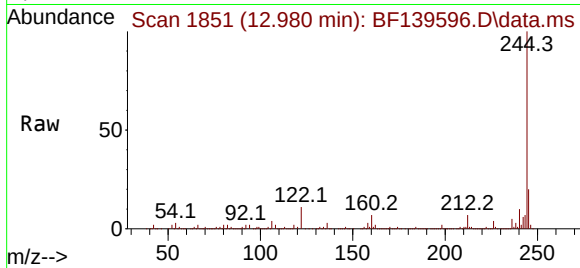




#79
 Terphenyl-d14
 Concen: 81.809 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139596.D
 Acq: 02 Oct 2024 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PB163784BL

Tgt Ion:244 Resp: 1624836
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139596.D
 Acq: 02 Oct 2024 10:14

Tgt Ion:264 Resp: 258263
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.6 16.9 25.3

