

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139764.D
 Acq On : 11 Oct 2024 09:58
 Operator : RC/JU
 Sample : PB163997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163997BL

Quant Time: Oct 11 12:13:17 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	98484	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	375286	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	212276	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	410607	20.000	ng	0.00
76) Chrysene-d12	14.027	240	257809	20.000	ng	0.00
86) Perylene-d12	15.504	264	202962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	778328	136.980	ng	0.01
7) Phenol-d6	6.498	99	1015136	132.851	ng	0.00
23) Nitrobenzene-d5	7.428	82	663626	89.531	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	268594	131.074	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1232405	89.128	ng	0.00
79) Terphenyl-d14	12.974	244	1367194	87.015	ng	0.00

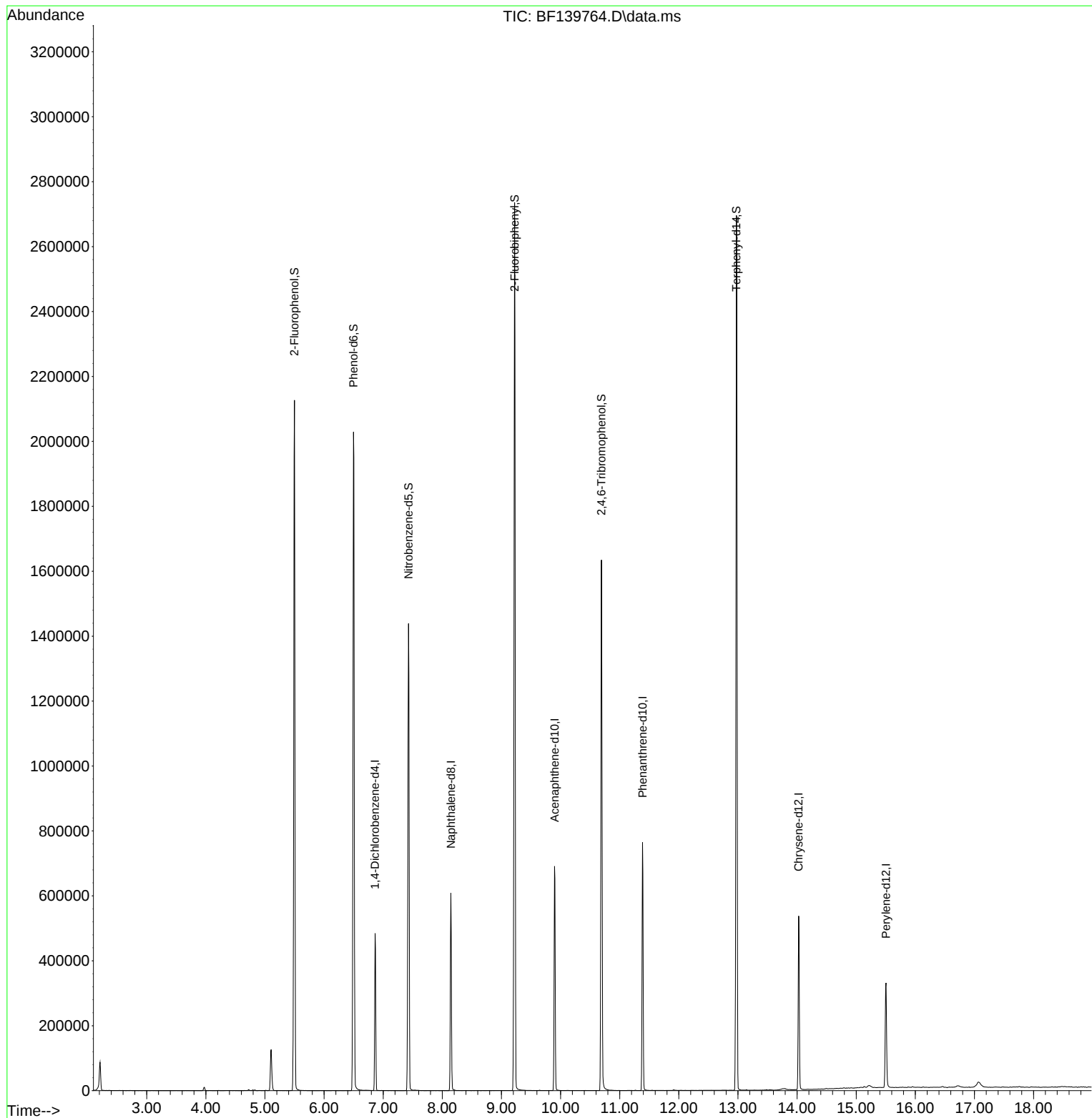
Target Compounds	Qvalue

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

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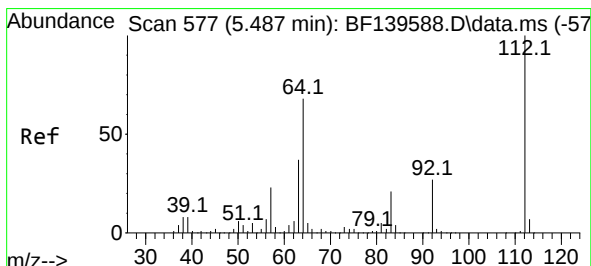
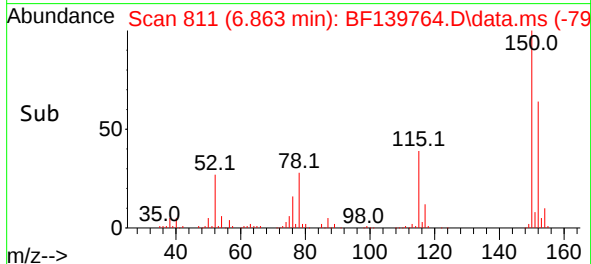
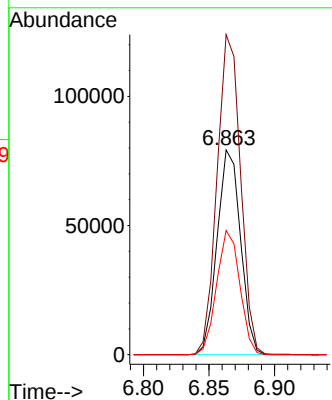
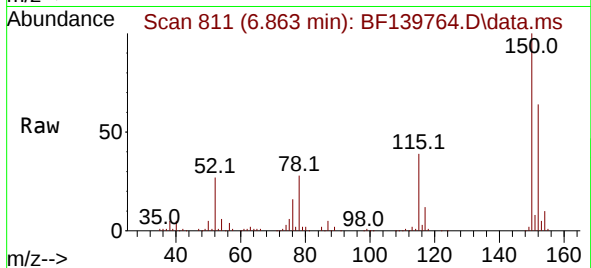




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

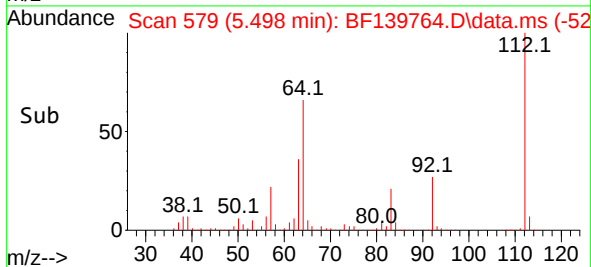
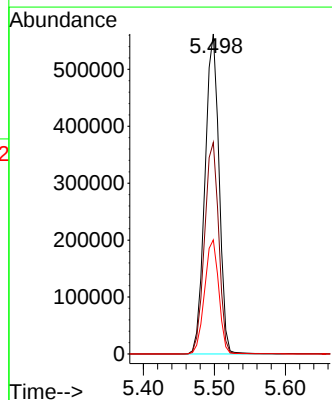
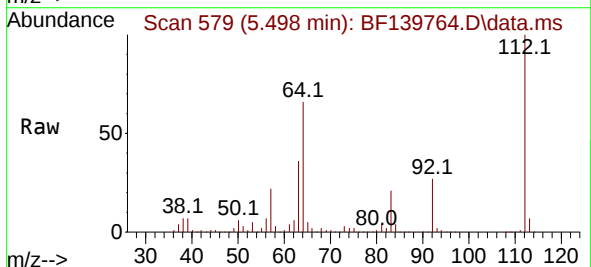
Instrument :
BNA_F
ClientSampleId :
PB163997BL

Tgt Ion:152 Resp: 98484
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 136.980 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

Tgt Ion:112 Resp: 778328
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 35.7 29.4 44.2

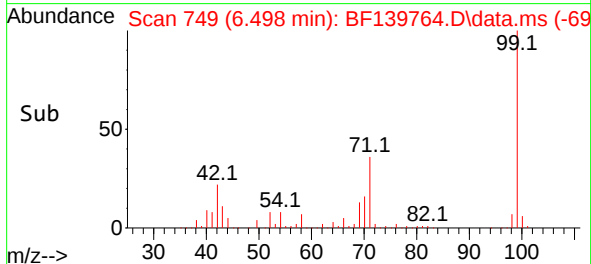
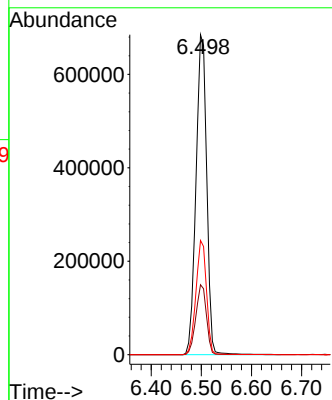
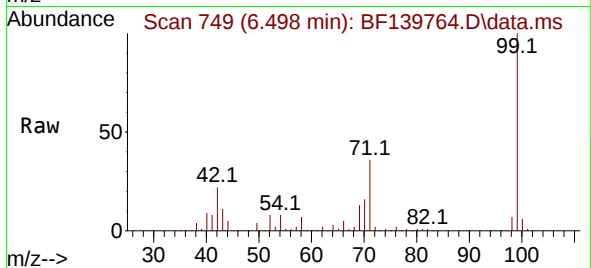




#7
Phenol-d6
Concen: 132.851 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

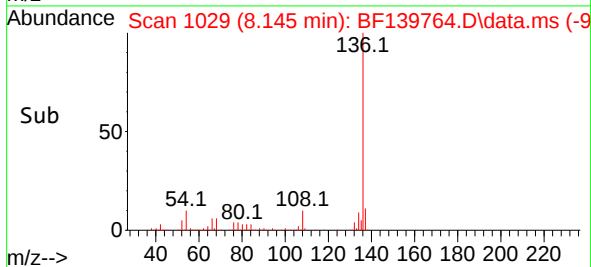
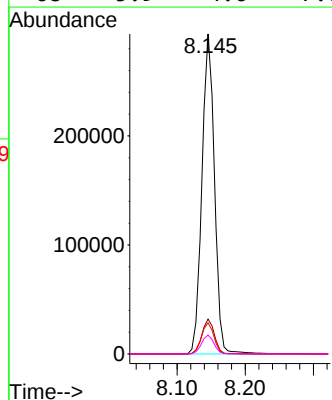
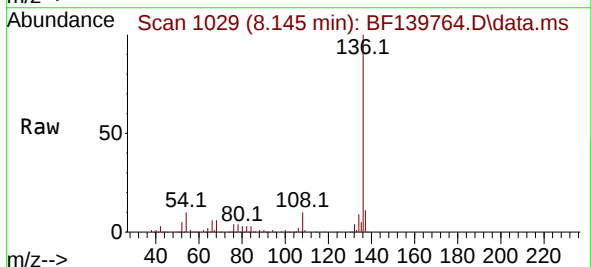
Instrument :
BNA_F
ClientSampleId :
PB163997BL

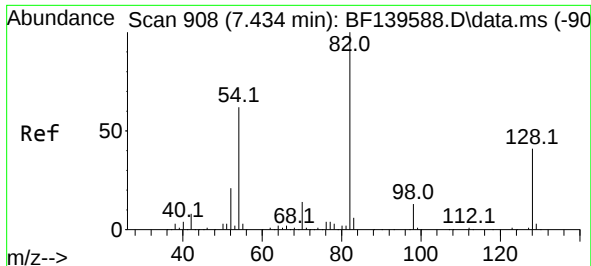
Tgt Ion: 99 Resp: 1015136
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 35.7 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

Tgt Ion: 136 Resp: 375286
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.8 8.3 12.5
68 5.9 4.6 7.0

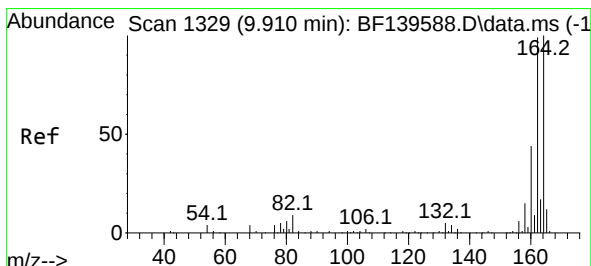
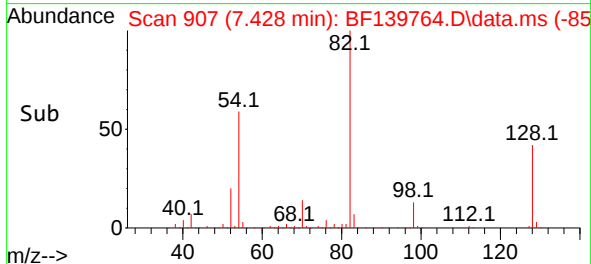
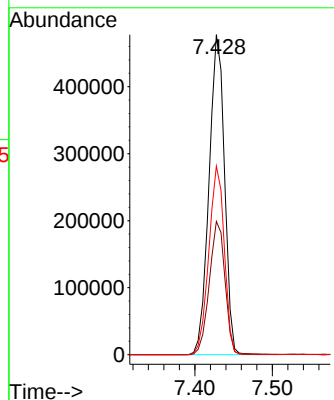
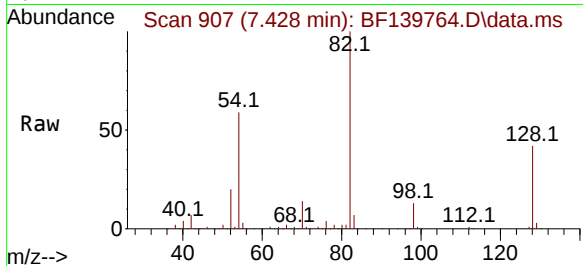




#23
Nitrobenzene-d5
Concen: 89.531 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

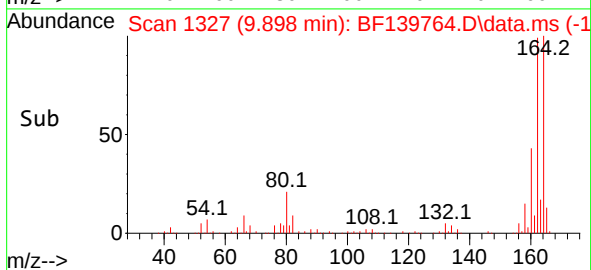
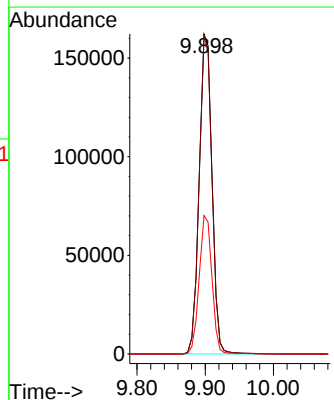
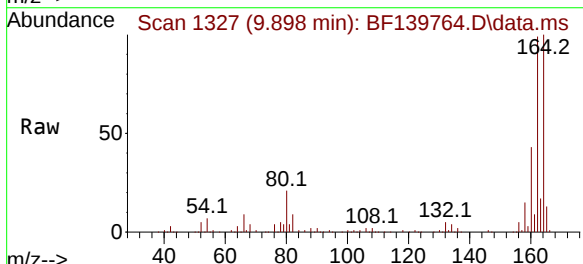
Instrument :
BNA_F
ClientSampleId :
PB163997BL

Tgt Ion: 82 Resp: 663626
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 58.9 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: BF139764.D
Acq: 11 Oct 2024 09:58

Tgt Ion:164 Resp: 212276
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 131.074 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139764.D

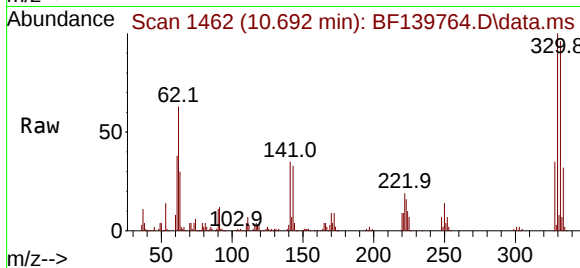
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Instrument :

BNA_F

ClientSampleId :

PB163997BL



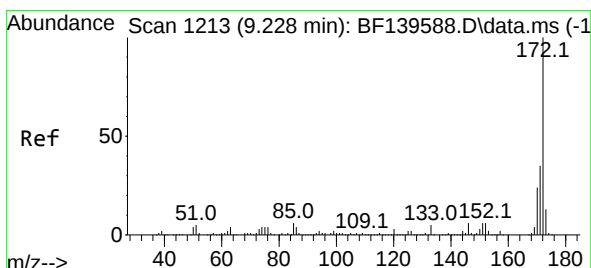
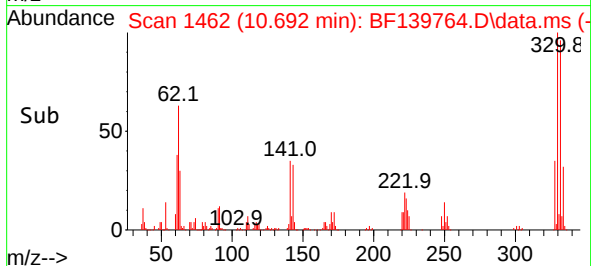
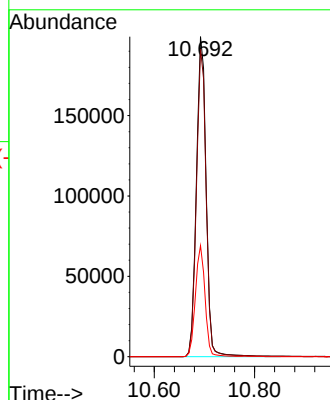
Tgt Ion:330 Resp: 268594

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 34.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 89.128 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139764.D

Acq: 11 Oct 2024 09:58

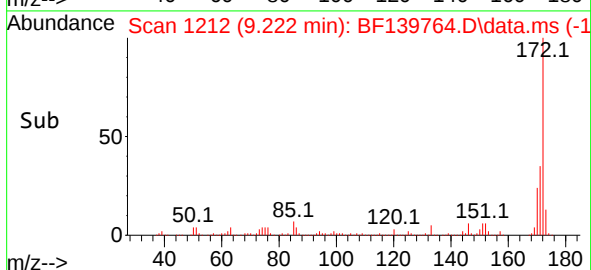
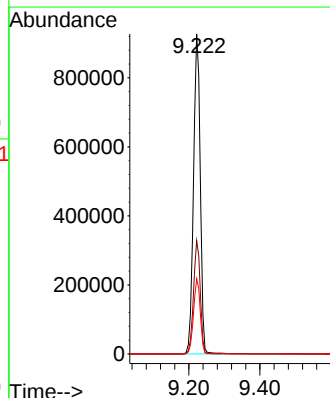
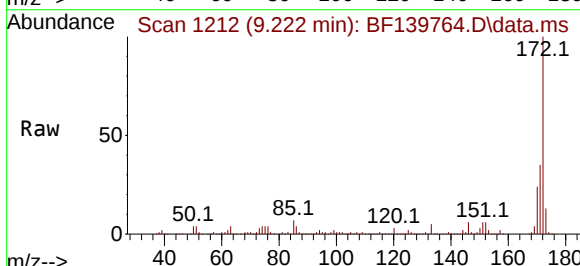
Tgt Ion:172 Resp: 1232405

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.8 28.2

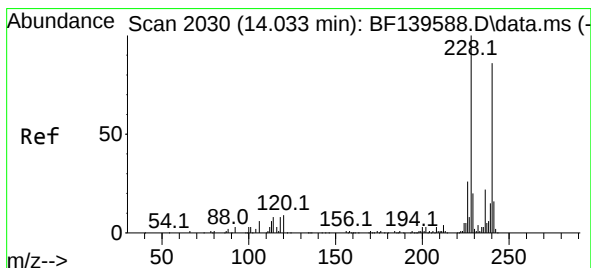
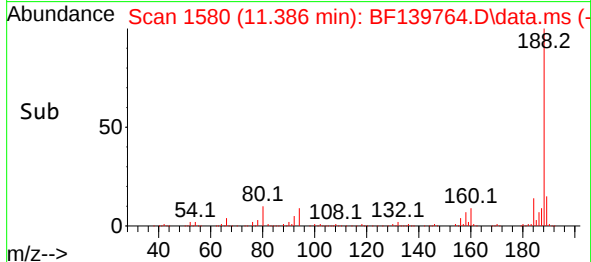
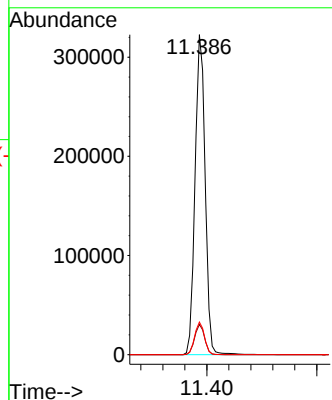
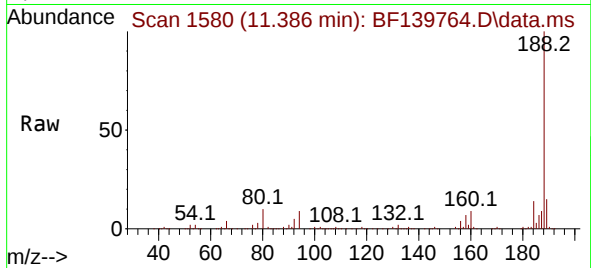




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

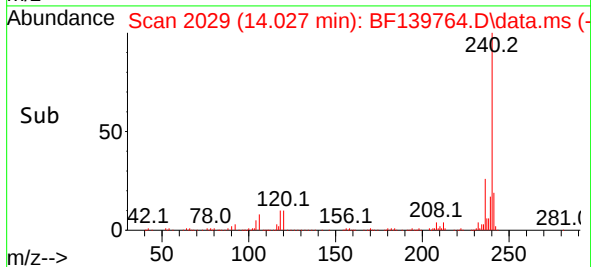
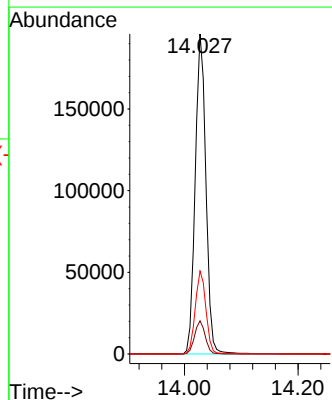
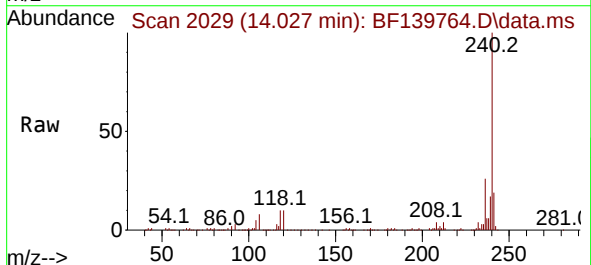
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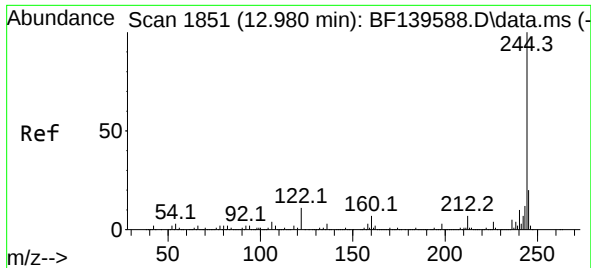
Tgt Ion:188 Resp: 410607
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139764.D
Acq: 11 Oct 2024 09:58

Tgt Ion:240 Resp: 257809
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.9 20.3 30.5

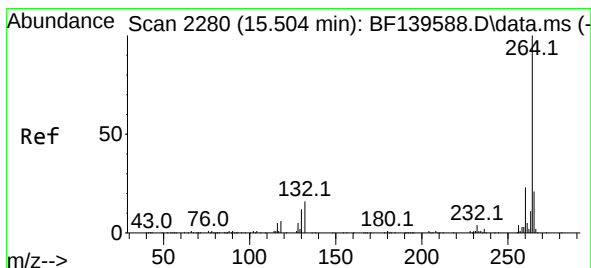
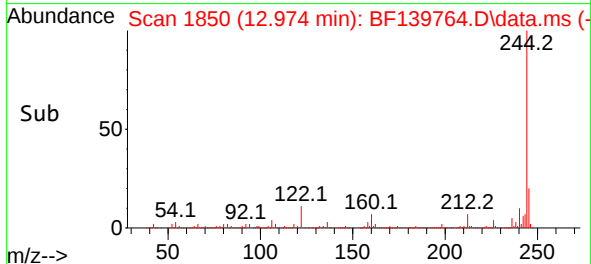
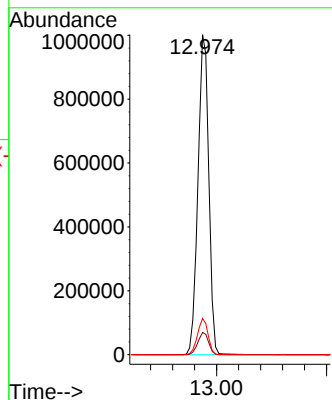
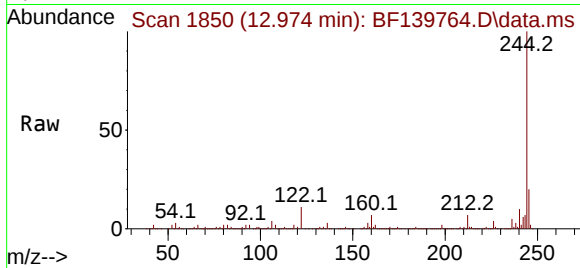




#79
 Terphenyl-d14
 Concen: 87.015 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139764.D
 Acq: 11 Oct 2024 09:58

Instrument :
 BNA_F
 ClientSampleId :
 PB163997BL

Tgt Ion:244 Resp: 1367194
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF139764.D
 Acq: 11 Oct 2024 09:58

Tgt Ion:264 Resp: 202962
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 20.8 16.9 25.3

