

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139604.D
Acq On : 02 Oct 2024 14:04
Operator : RC/JU
Sample : P4212-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTH

Quant Time: Oct 02 14:32:23 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	92777	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	349381	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	195780	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	362113	20.000	ng	0.00
76) Chrysene-d12	14.027	240	198150	20.000	ng	0.00
86) Perylene-d12	15.498	264	178549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	550544	102.852	ng	0.00
7) Phenol-d6	6.493	99	739194	102.689	ng	-0.01
23) Nitrobenzene-d5	7.428	82	480801	69.675	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	183670	97.183	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	887182	69.567	ng	0.00
79) Terphenyl-d14	12.974	244	944904	78.245	ng	0.00

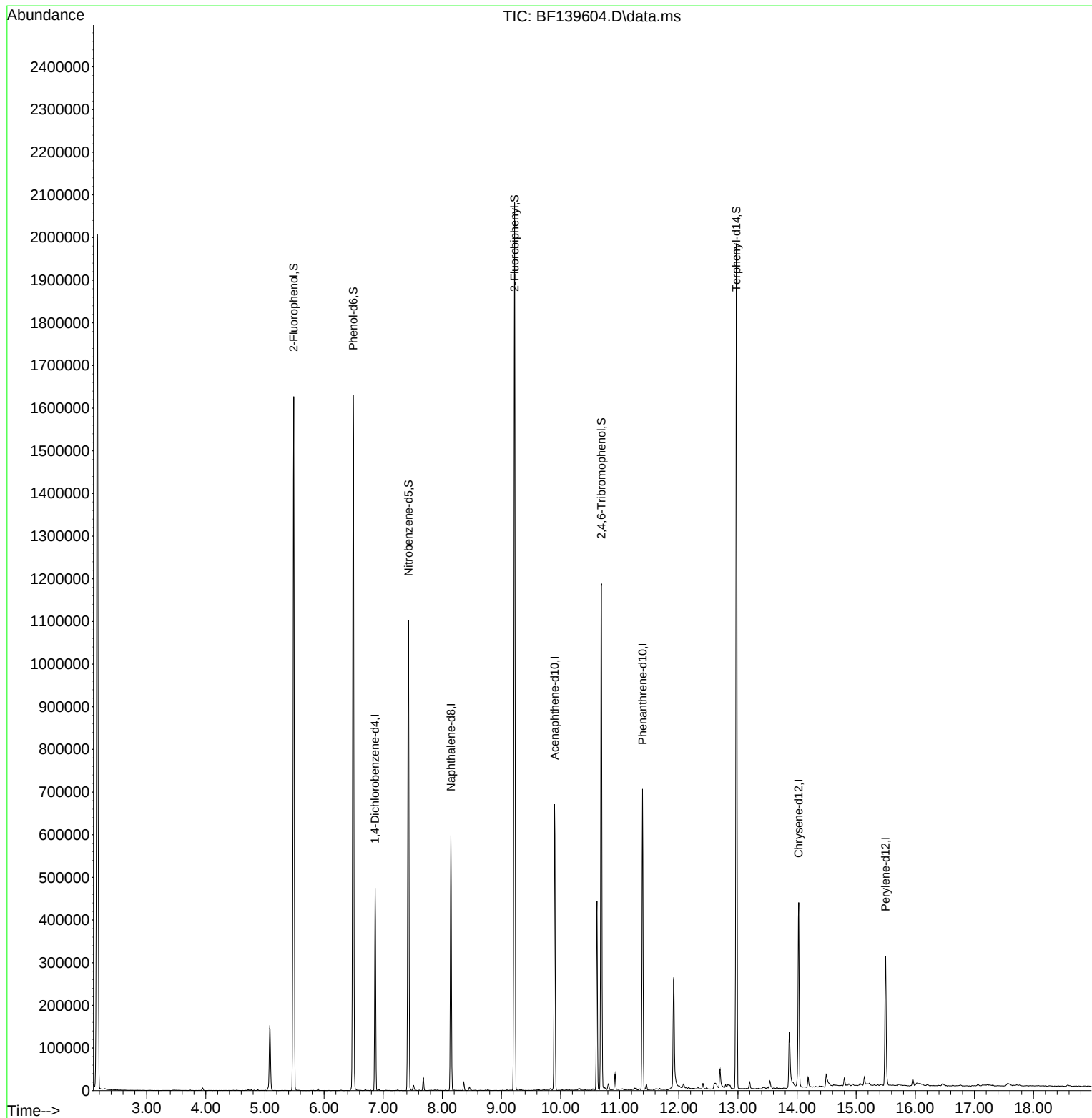
Target Compounds	Qvalue

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

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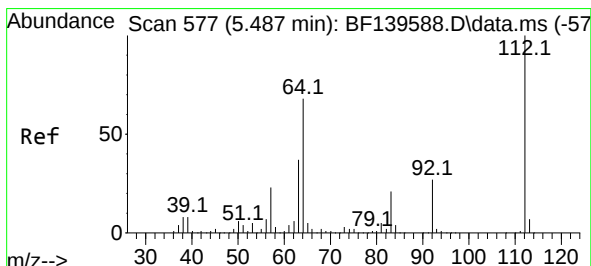
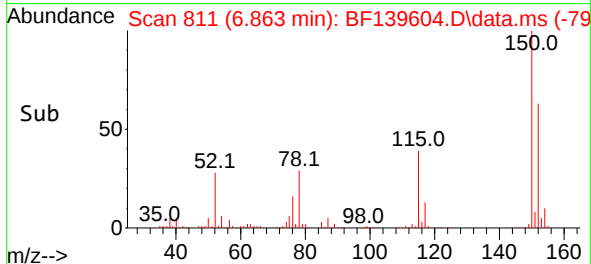
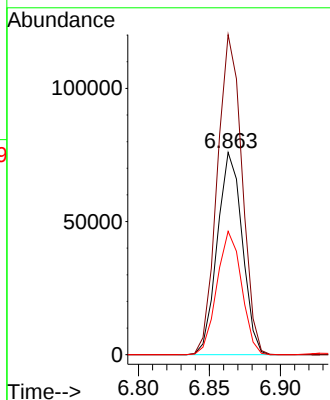
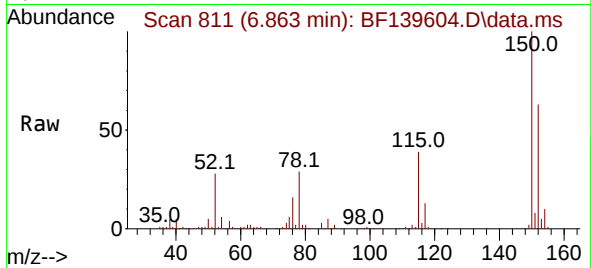




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

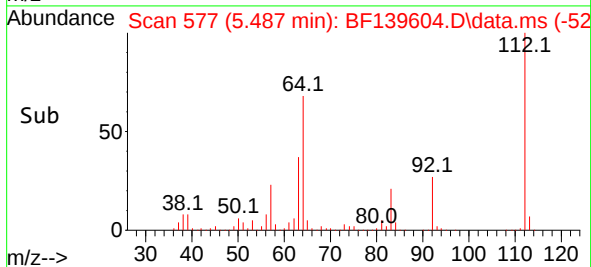
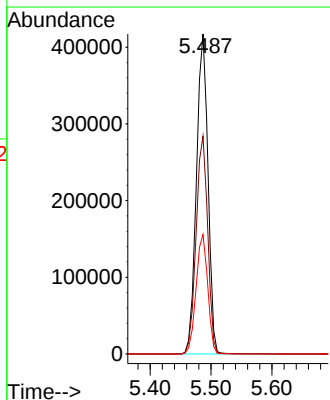
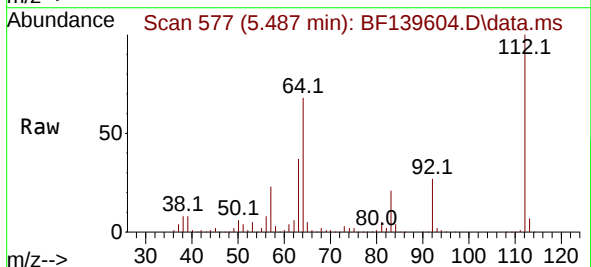
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTH

Tgt Ion:152 Resp: 92777
Ion Ratio Lower Upper
152 100
150 158.3 127.2 190.8
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 102.852 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

Tgt Ion:112 Resp: 550544
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 37.4 29.4 44.2

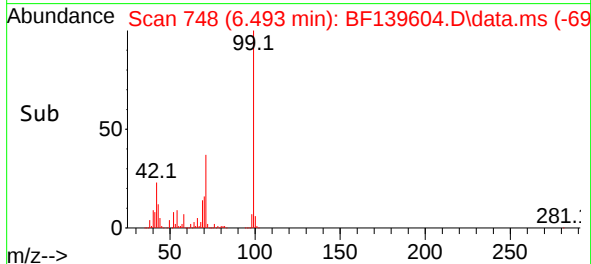
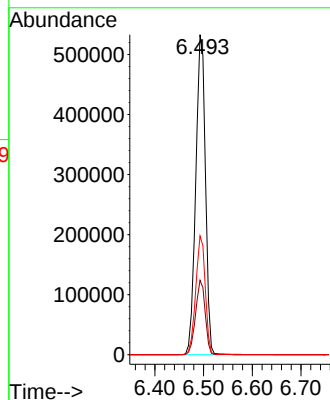
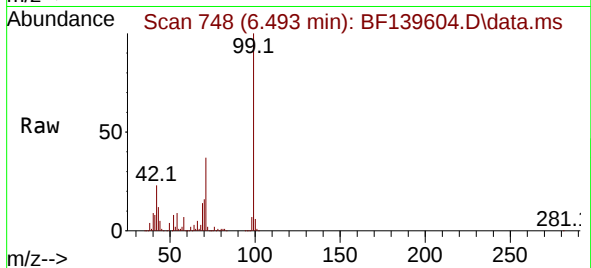




#7
Phenol-d6
Concen: 102.689 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

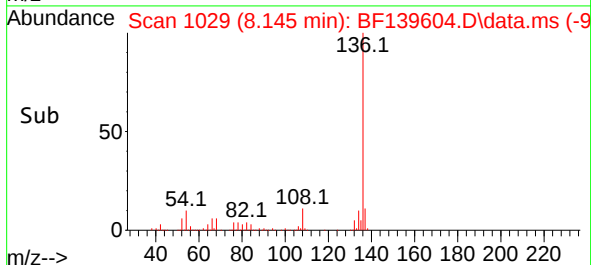
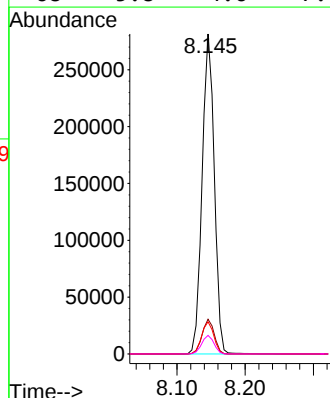
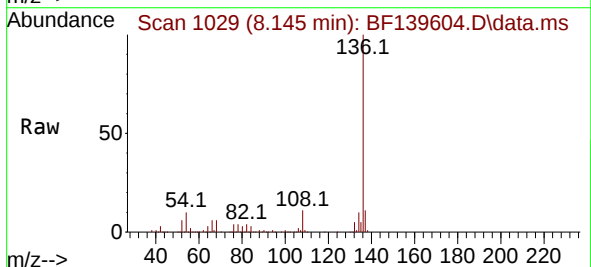
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTH

Tgt Ion: 99 Resp: 739194
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 37.1 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: BF139604.D
Acq: 02 Oct 2024 14:04

Tgt Ion: 136 Resp: 349381
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.3 12.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.675 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139604.D

Acq: 02 Oct 2024 14:04

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTH

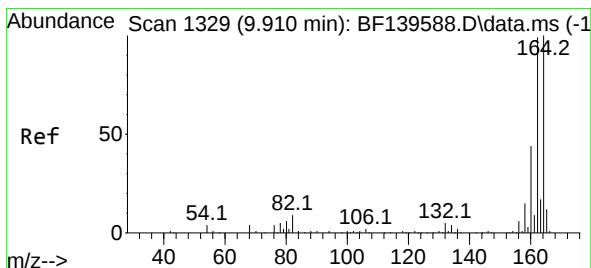
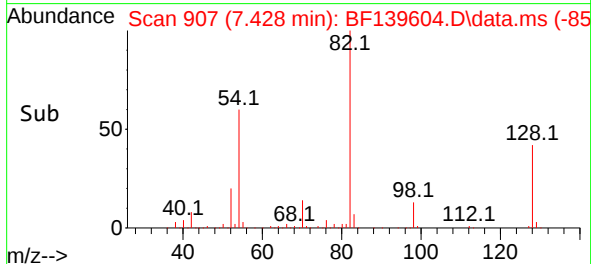
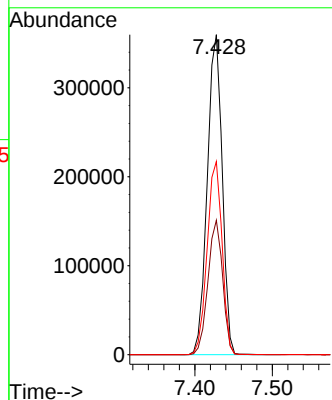
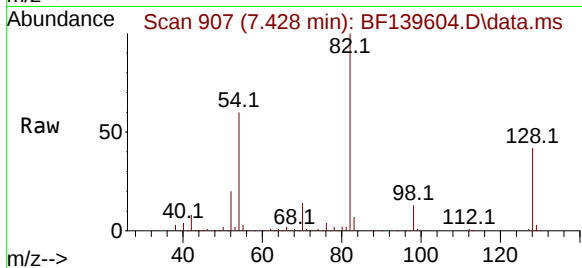
Tgt Ion: 82 Resp: 480801

Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 60.4 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: BF139604.D

Acq: 02 Oct 2024 14:04

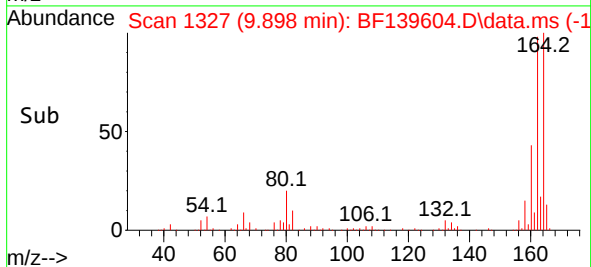
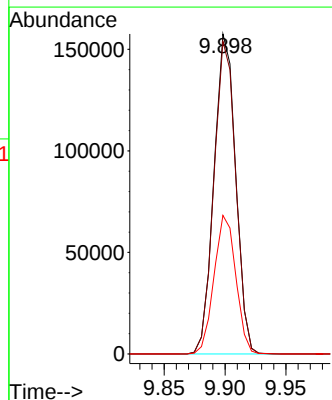
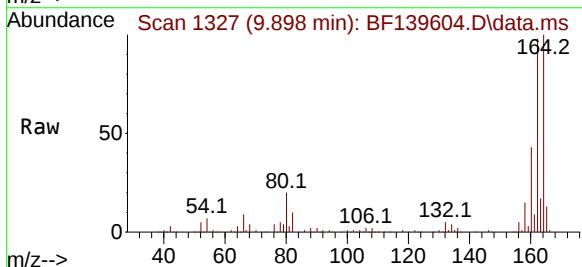
Tgt Ion:164 Resp: 195780

Ion Ratio Lower Upper

164 100

162 97.7 79.4 119.0

160 43.3 35.1 52.7

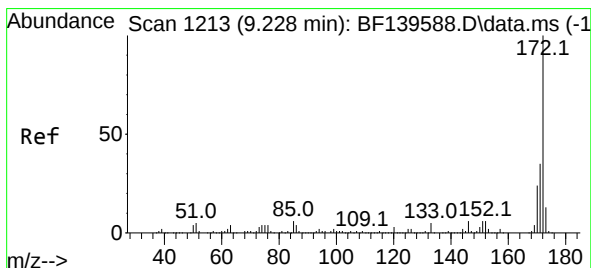
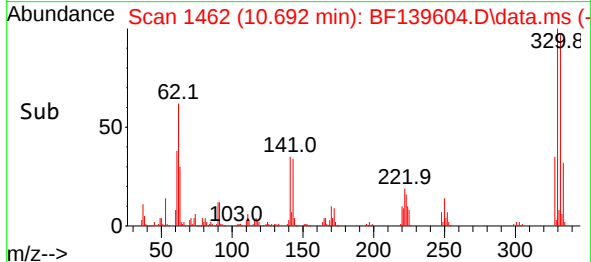
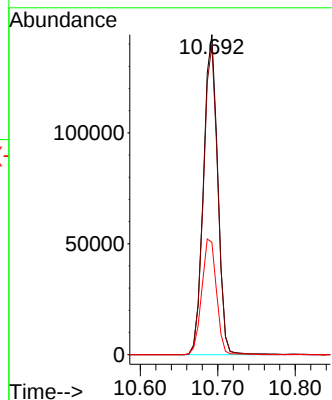
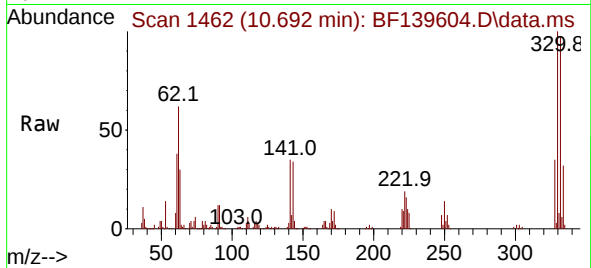




#42
2,4,6-Tribromophenol
Concen: 97.183 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

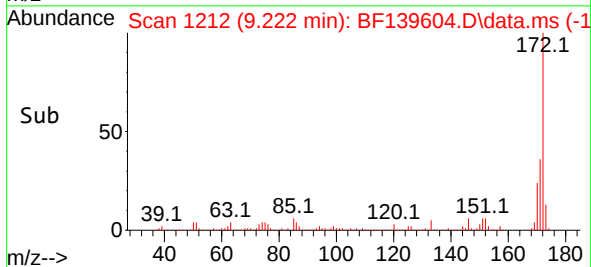
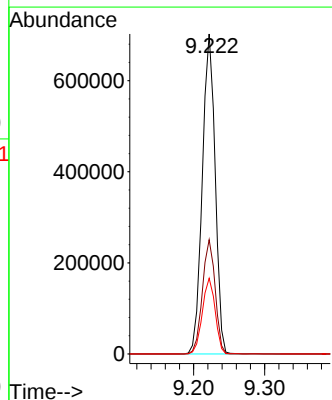
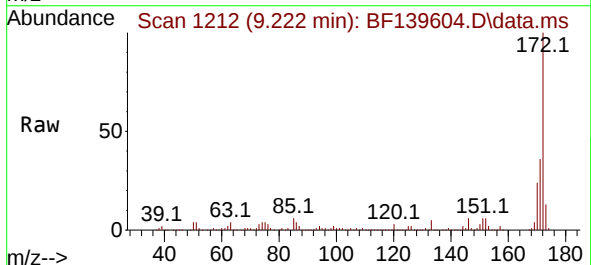
Instrument :
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ClientSampleId :
TEST-PIT-NORTH

Tgt Ion: 330 Resp: 183670
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 37.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.567 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

Tgt Ion: 172 Resp: 887182
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.6 18.8 28.2

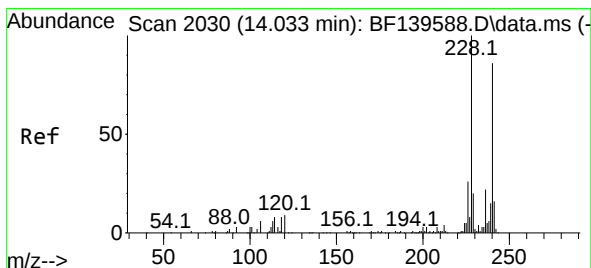
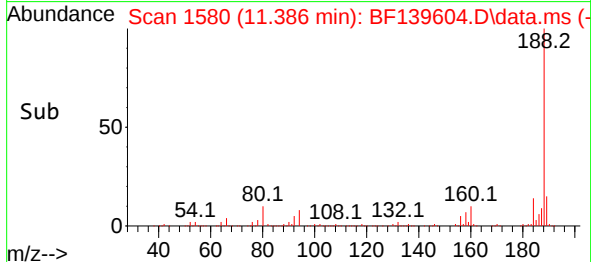
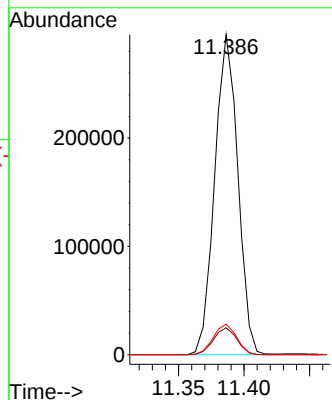
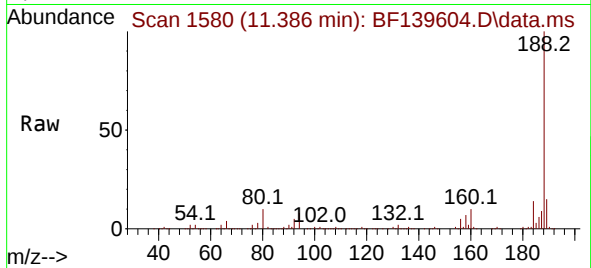




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

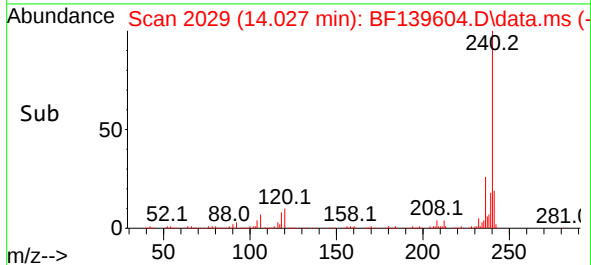
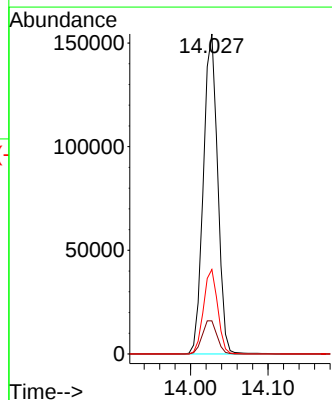
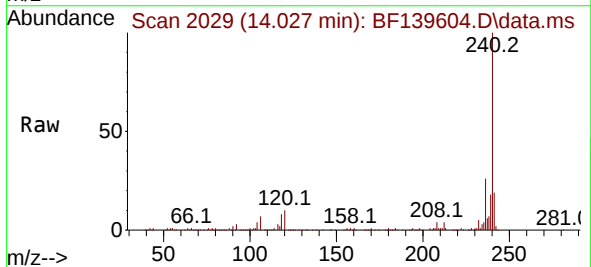
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTH

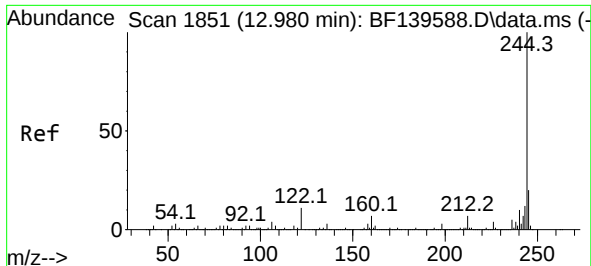
Tgt Ion:188 Resp: 362113
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139604.D
Acq: 02 Oct 2024 14:04

Tgt Ion:240 Resp: 198150
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.4 20.3 30.5

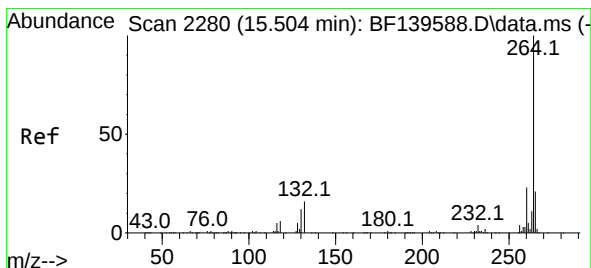
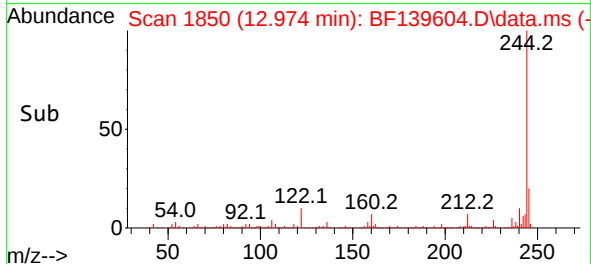
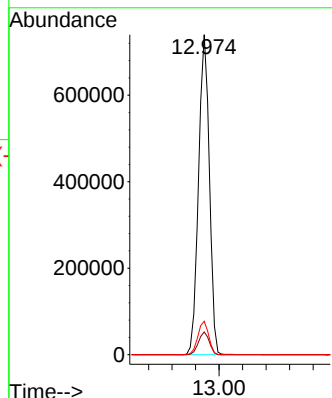
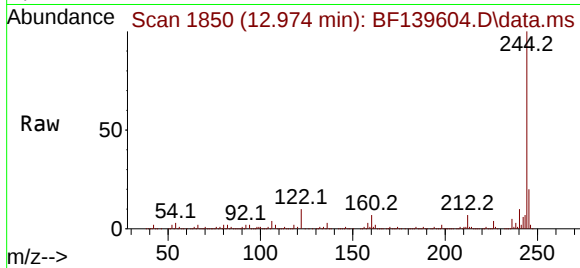




#79
 Terphenyl-d14
 Concen: 78.245 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139604.D
 Acq: 02 Oct 2024 14:04

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTH

Tgt Ion:244 Resp: 944904
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.4 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: BF139604.D
 Acq: 02 Oct 2024 14:04

Tgt Ion:264 Resp: 178549
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.7 16.9 25.3

