

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139614.D
Acq On : 02 Oct 2024 18:46
Operator : RC/JU
Sample : P4222-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: Oct 03 01:52:12 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	78650	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	290106	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	146605	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	226313	20.000	ng	0.00
76) Chrysene-d12	14.027	240	152436	20.000	ng	0.00
86) Perylene-d12	15.498	264	138257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	589366	129.881	ng	0.00
7) Phenol-d6	6.499	99	789525	129.382	ng	0.00
23) Nitrobenzene-d5	7.428	82	509996	89.006	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	156156	110.339	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	860055	90.061	ng	0.00
79) Terphenyl-d14	12.975	244	634545	68.303	ng	0.00

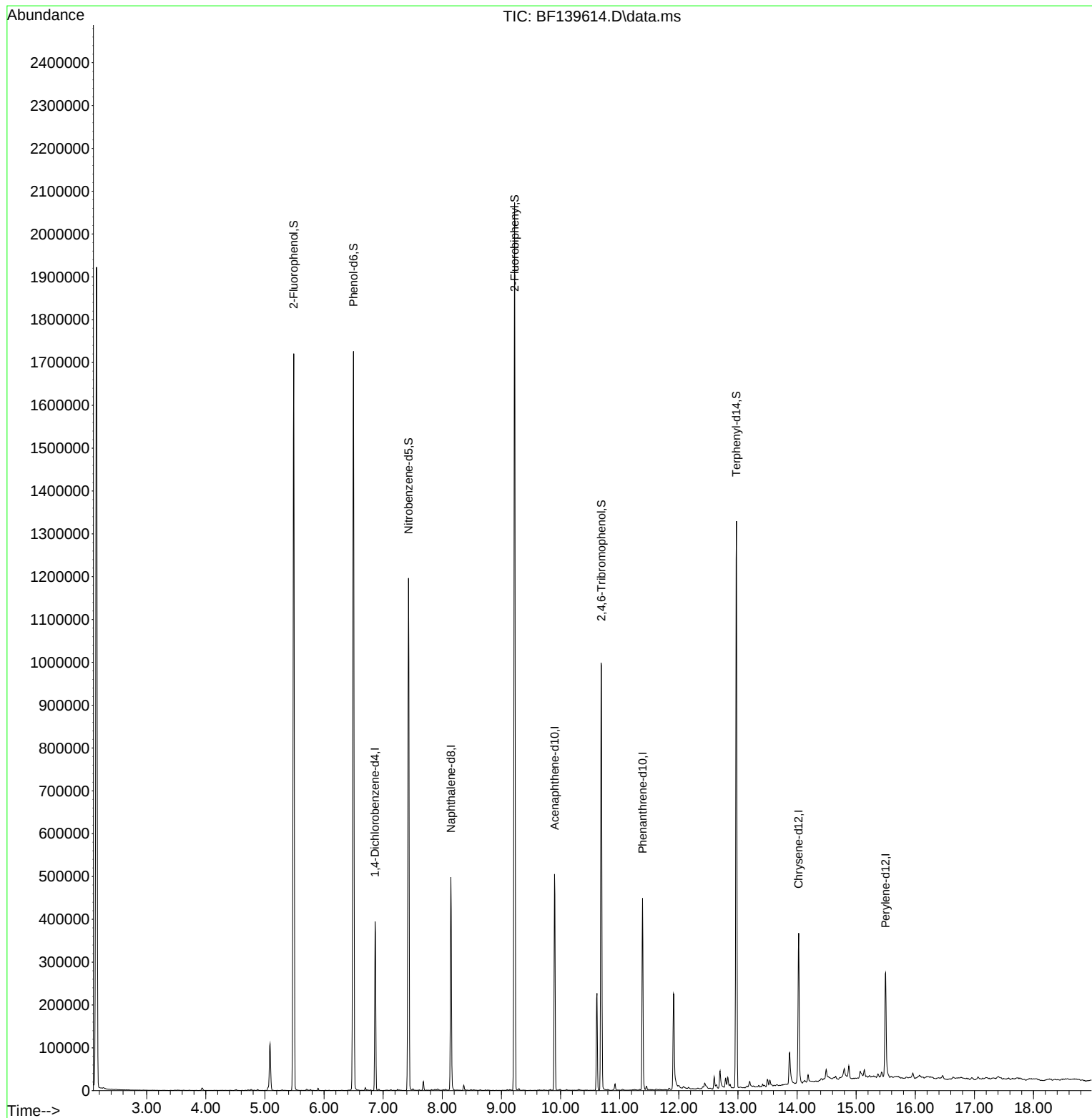
Target Compounds	Qvalue

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

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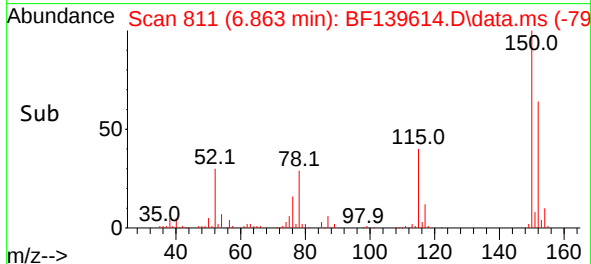
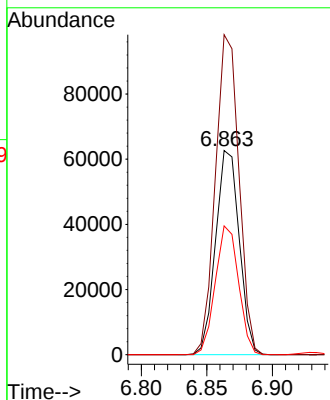
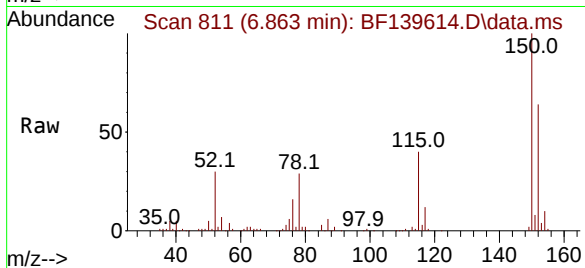




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

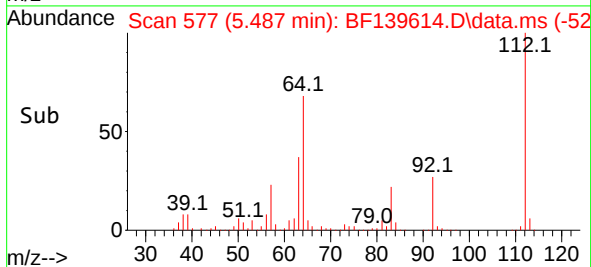
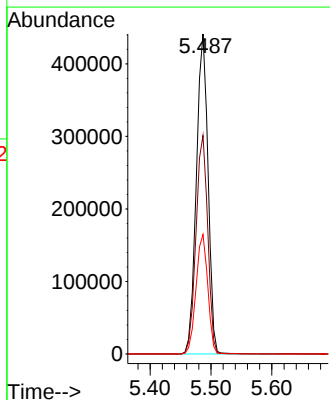
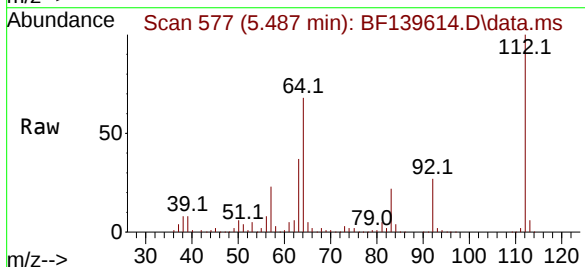
Instrument :
BNA_F
ClientSampleId :
TP-5

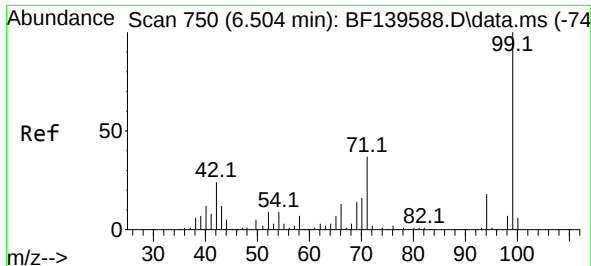
Tgt Ion:152 Resp: 78650
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 63.1 49.0 73.4



#5
2-Fluorophenol
Concen: 129.881 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

Tgt Ion:112 Resp: 589366
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.4 29.4 44.2

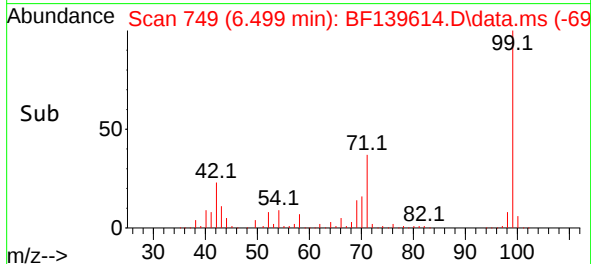
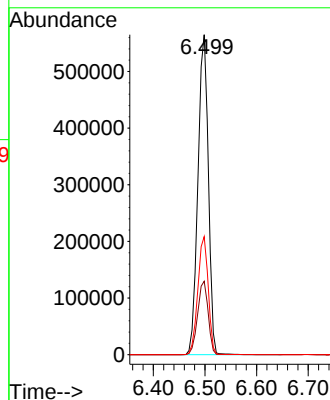
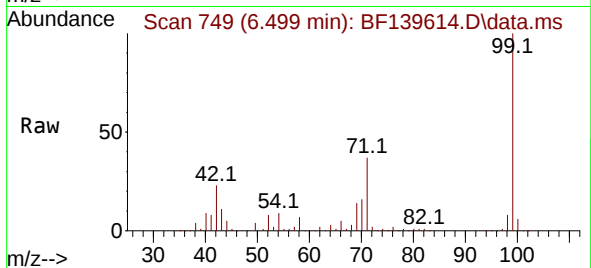




#7
Phenol-d6
Concen: 129.382 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

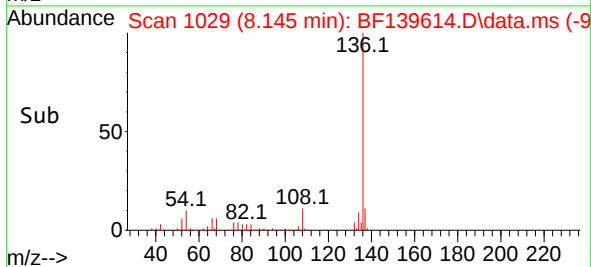
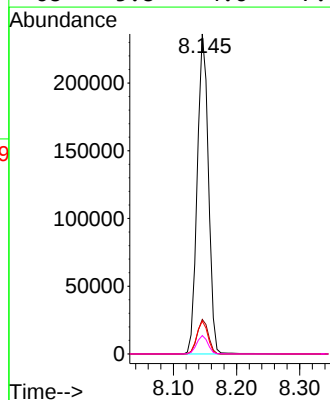
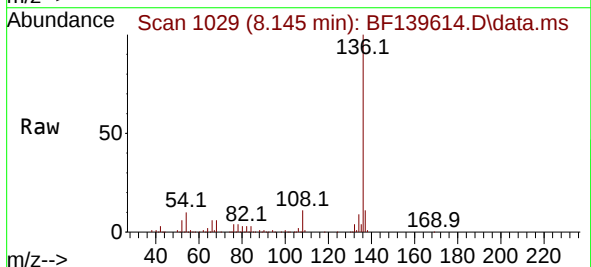
Instrument :
BNA_F
ClientSampleId :
TP-5

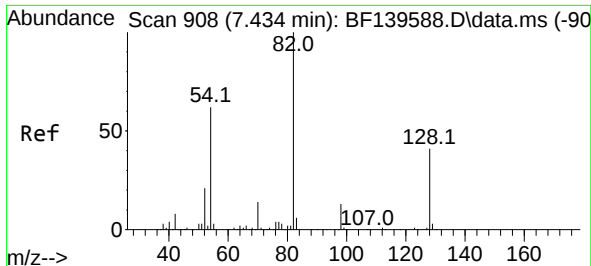
Tgt Ion: 99 Resp: 789525
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.9 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

Tgt Ion: 136 Resp: 290106
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 89.006 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139614.D

Acq: 02 Oct 2024 18:46

Instrument :

BNA_F

ClientSampleId :

TP-5

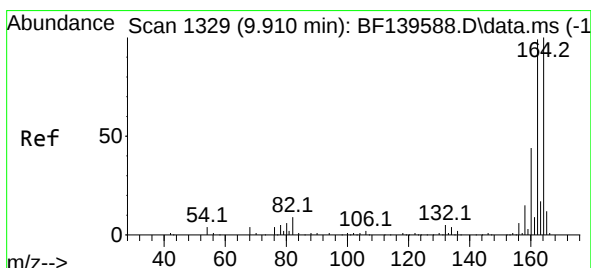
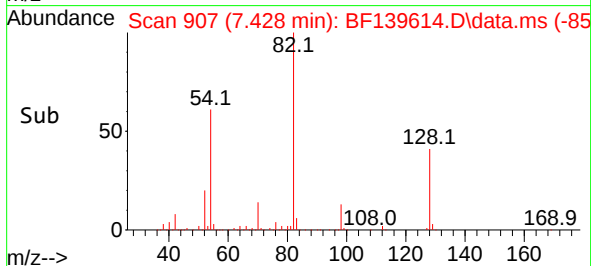
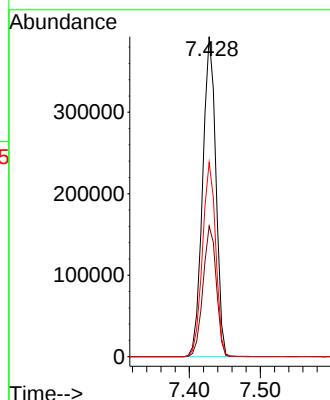
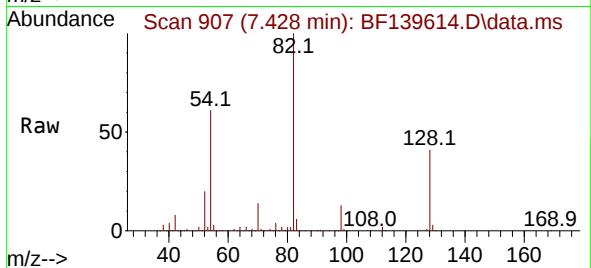
Tgt Ion: 82 Resp: 509996

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

54 60.7 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: BF139614.D

Acq: 02 Oct 2024 18:46

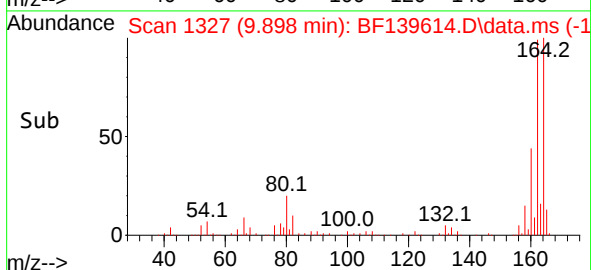
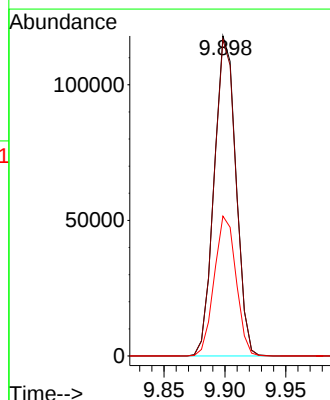
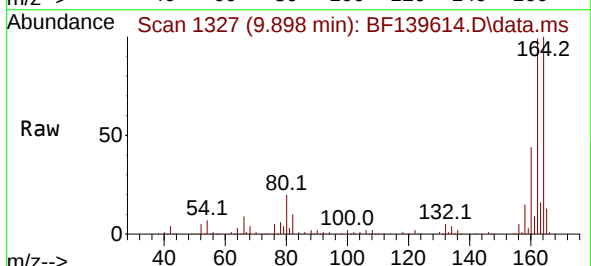
Tgt Ion: 164 Resp: 146605

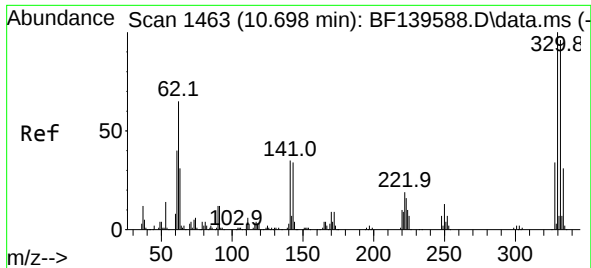
Ion Ratio Lower Upper

164 100

162 98.9 79.4 119.0

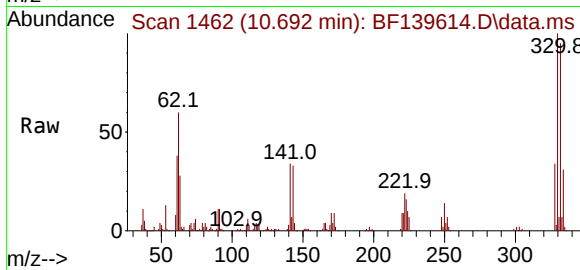
160 43.7 35.1 52.7



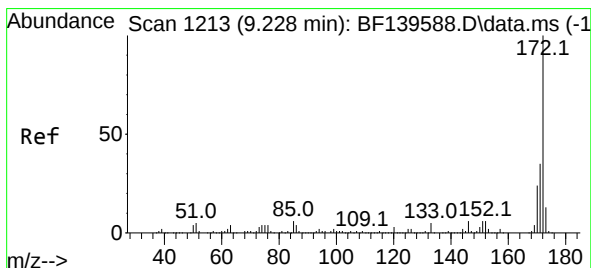
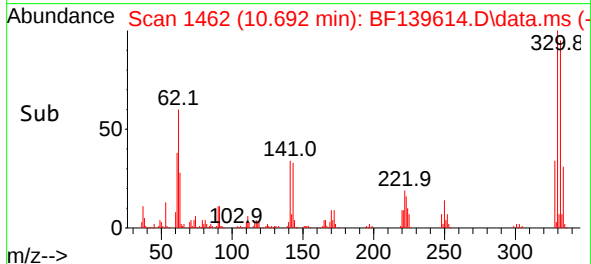
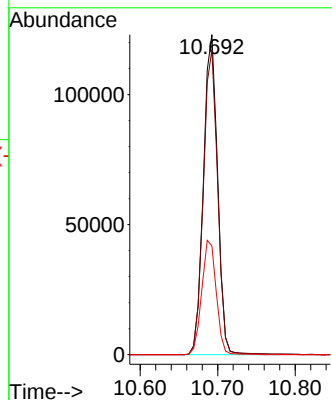


#42
2,4,6-Tribromophenol
Concen: 110.339 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

Instrument :
BNA_F
ClientSampleId :
TP-5

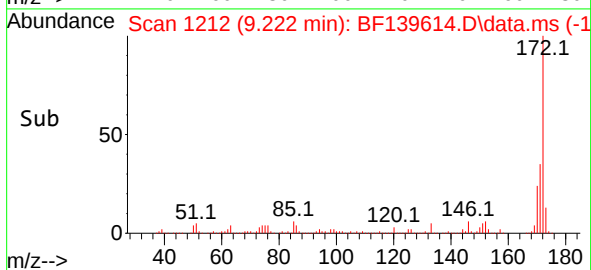
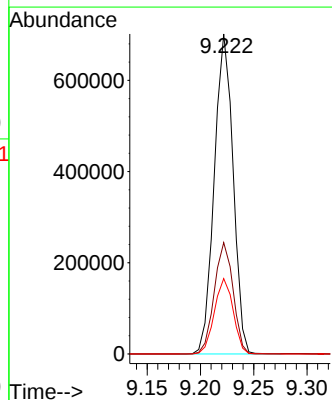
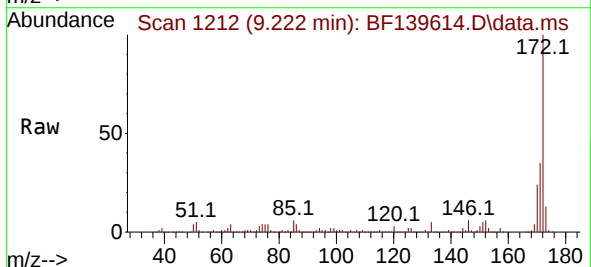


Tgt Ion:330 Resp: 156156
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 36.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 90.061 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

Tgt Ion:172 Resp: 860055
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.6 18.8 28.2

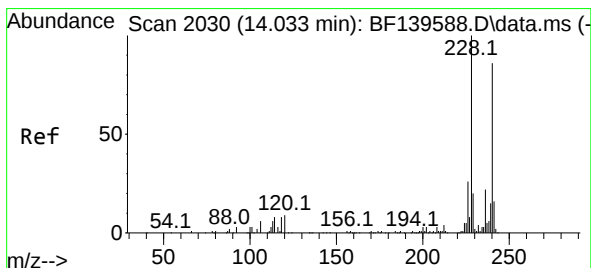
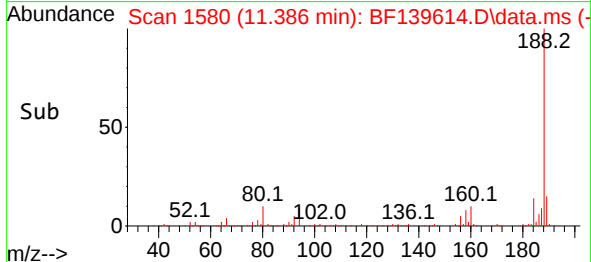
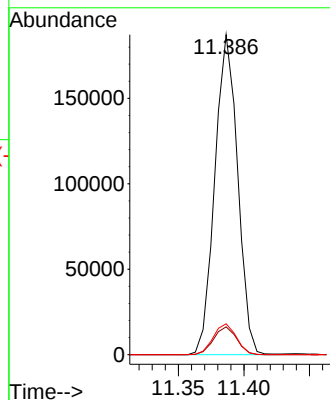
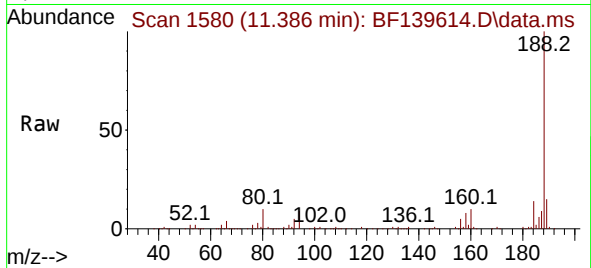




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

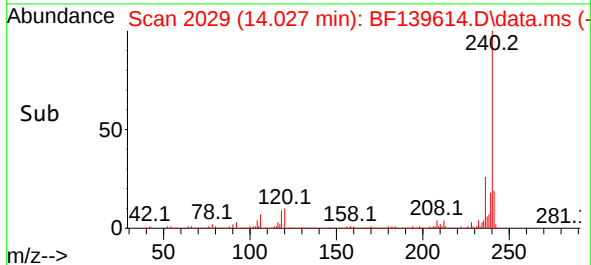
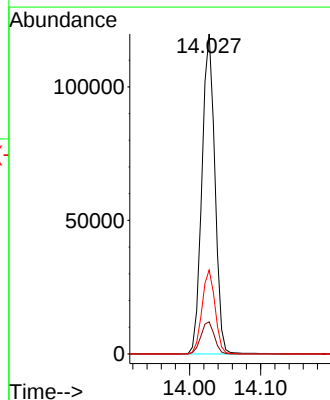
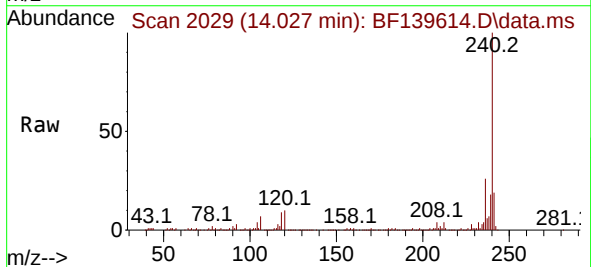
Instrument :
BNA_F
ClientSampleId :
TP-5

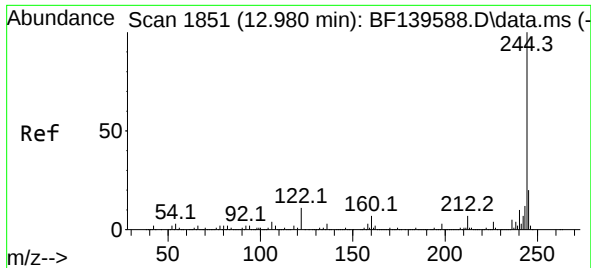
Tgt Ion:188 Resp: 226313
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139614.D
Acq: 02 Oct 2024 18:46

Tgt Ion:240 Resp: 152436
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 20.3 30.5

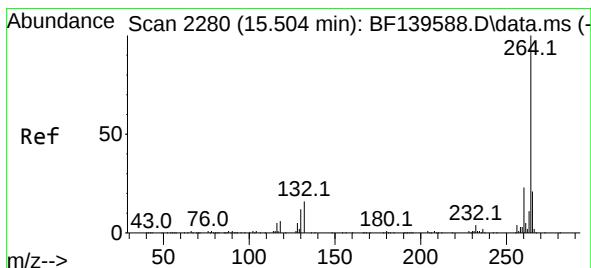
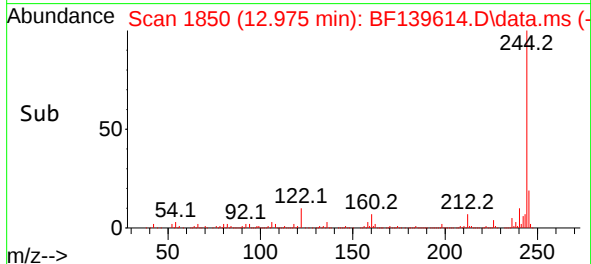
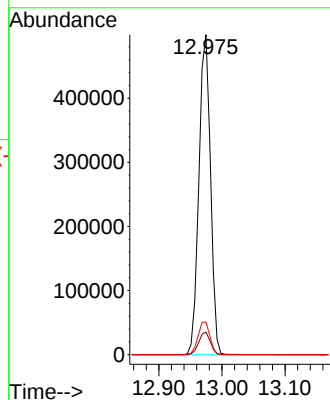
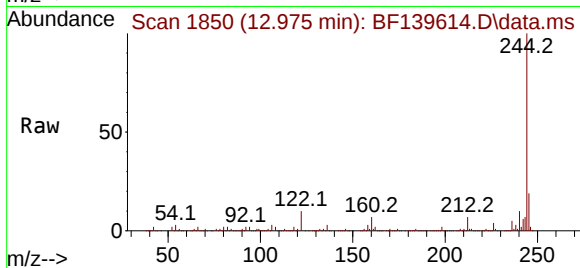




#79
 Terphenyl-d14
 Concen: 68.303 ng
 RT: 12.975 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF139614.D
 Acq: 02 Oct 2024 18:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 634545
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.2 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: BF139614.D
 Acq: 02 Oct 2024 18:46

Tgt Ion:264 Resp: 138257
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 20.3 16.9 25.3

