

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139662.D
 Acq On : 04 Oct 2024 17:26
 Operator : RC/JU
 Sample : P4222-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 04 17:50:08 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	84315	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319378	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	172805	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	307575	20.000	ng	0.00
76) Chrysene-d12	14.021	240	160160	20.000	ng	-0.01
86) Perylene-d12	15.492	264	174880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	624494	128.376	ng	0.00
7) Phenol-d6	6.498	99	824915	126.099	ng	0.00
23) Nitrobenzene-d5	7.428	82	537840	85.263	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	200933	120.453	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	956997	85.019	ng	0.00
79) Terphenyl-d14	12.969	244	816384	83.638	ng	-0.01

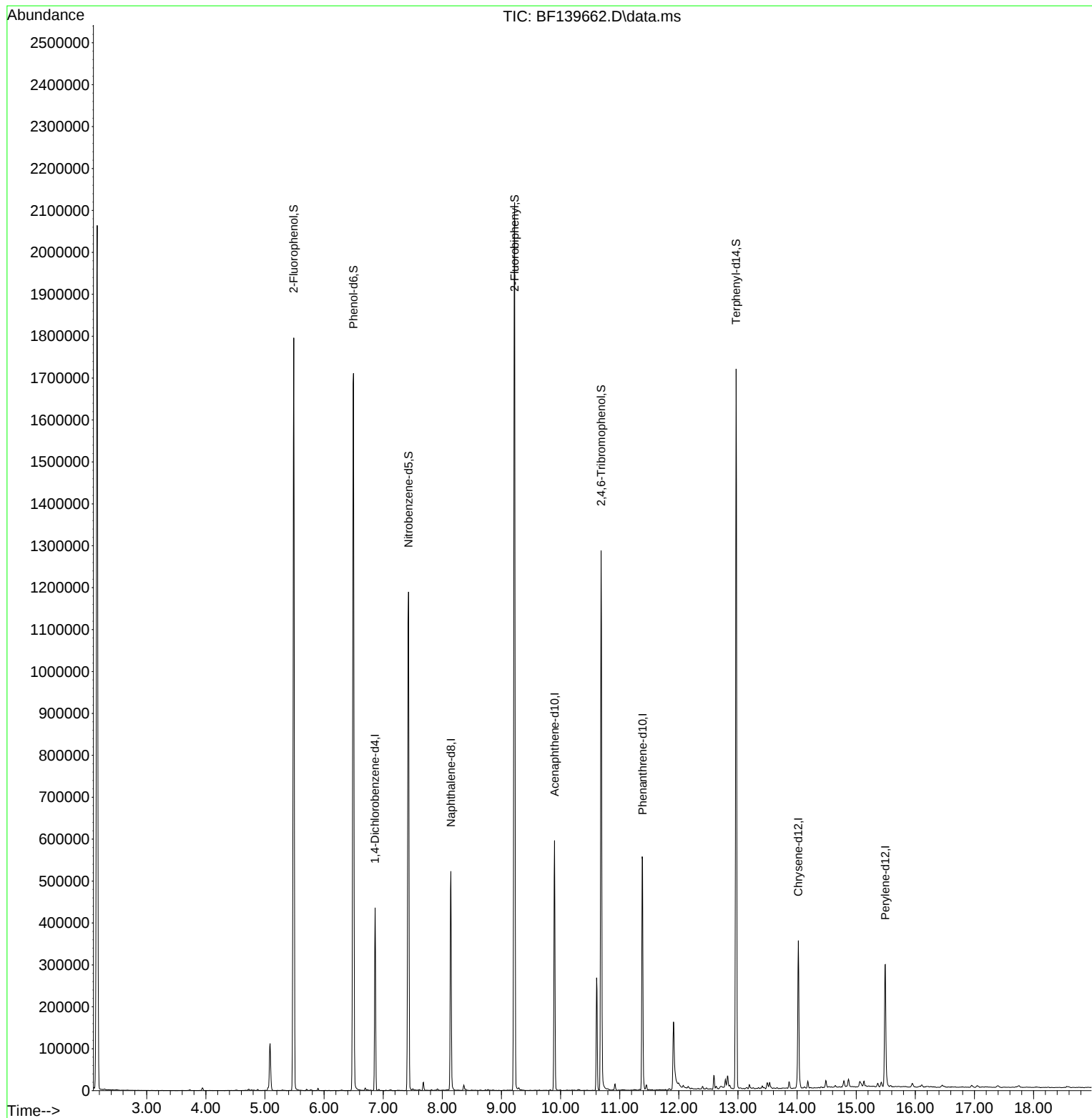
Target Compounds	Qvalue

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

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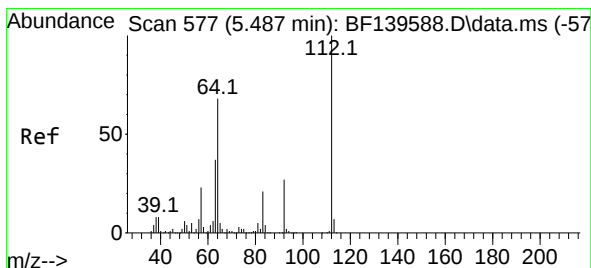
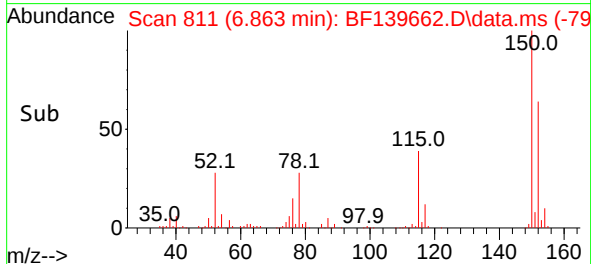
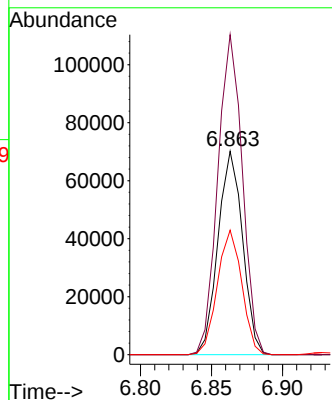
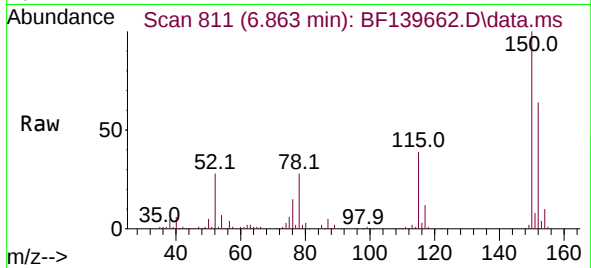




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

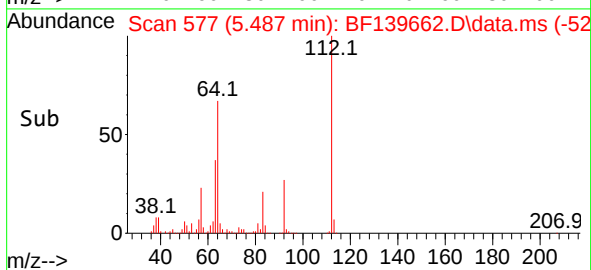
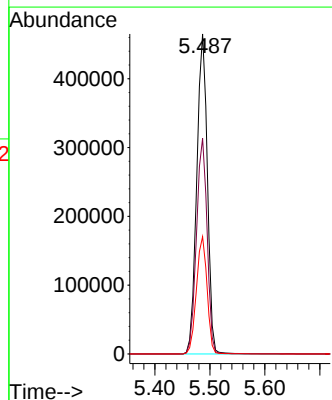
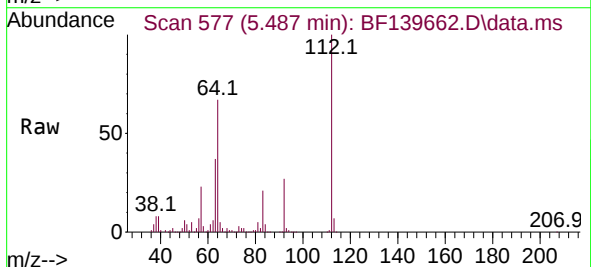
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 84315
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 128.376 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:112 Resp: 624494
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.7 29.4 44.2

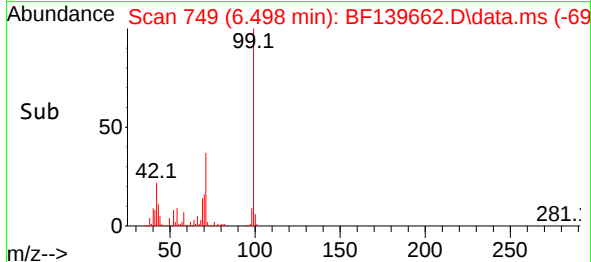
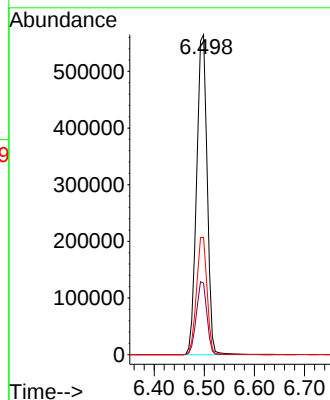
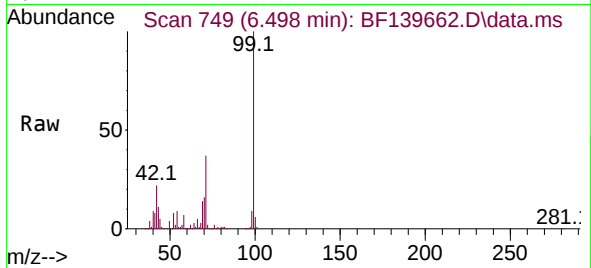




#7
Phenol-d6
Concen: 126.099 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

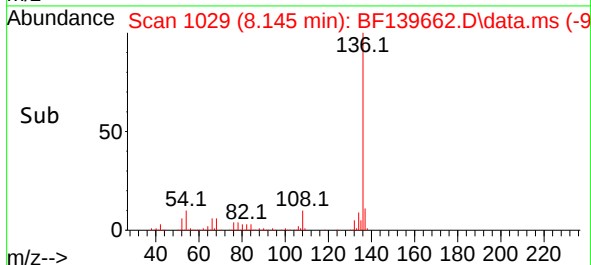
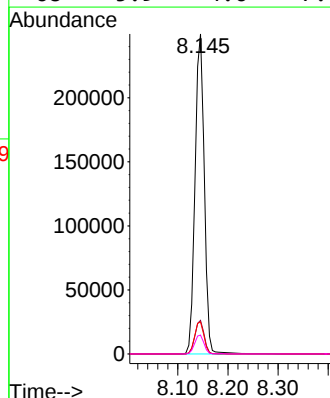
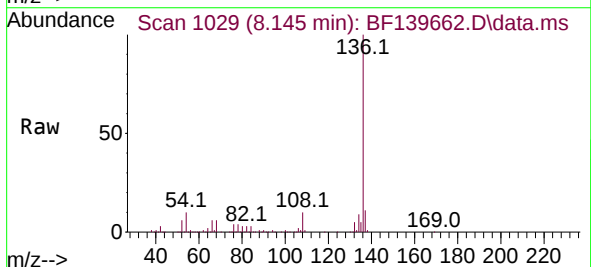
Instrument :
BNA_F
ClientSampleId :
TP-5

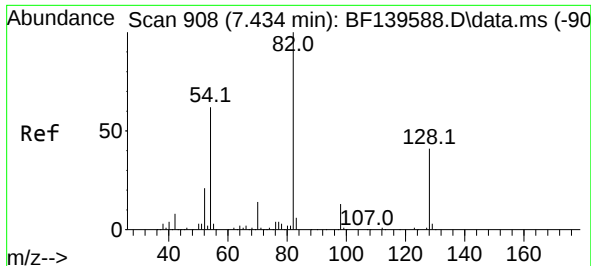
Tgt Ion: 99 Resp: 824915
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 36.7 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion: 136 Resp: 319378
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.0 8.3 12.5
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.263 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139662.D

Acq: 04 Oct 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TP-5

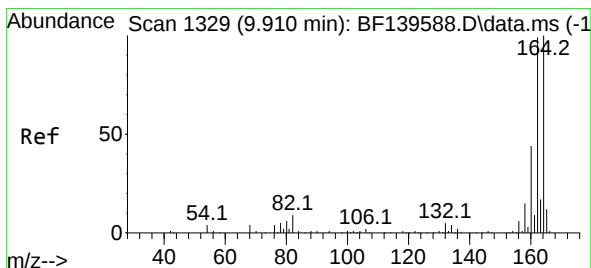
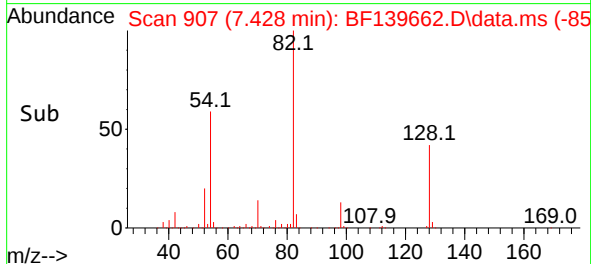
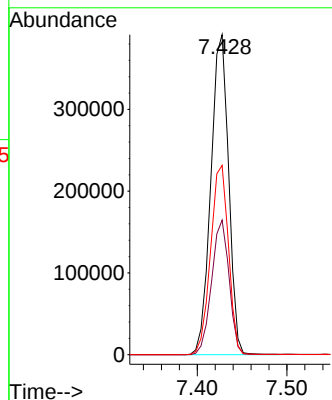
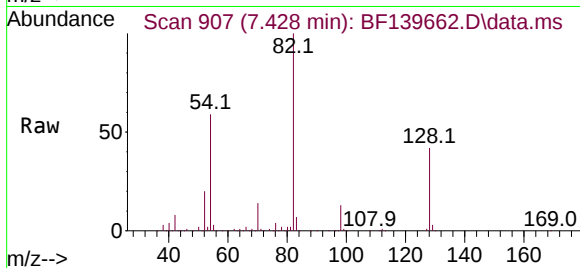
Tgt Ion: 82 Resp: 537840

Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 59.2 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: BF139662.D

Acq: 04 Oct 2024 17:26

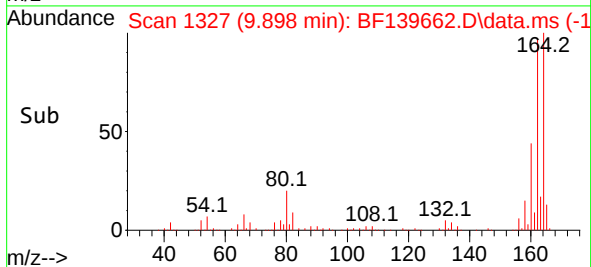
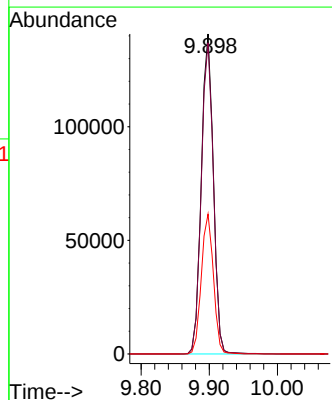
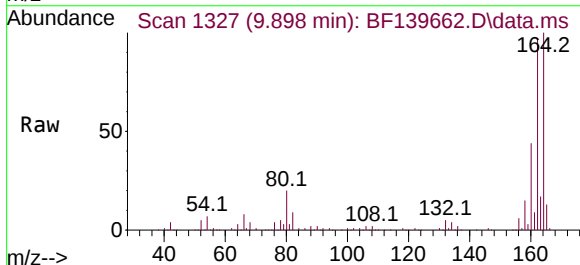
Tgt Ion: 164 Resp: 172805

Ion Ratio Lower Upper

164 100

162 97.3 79.4 119.0

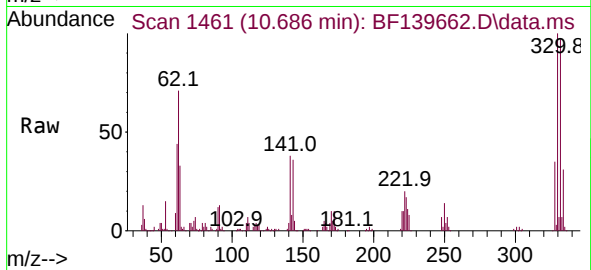
160 43.7 35.1 52.7



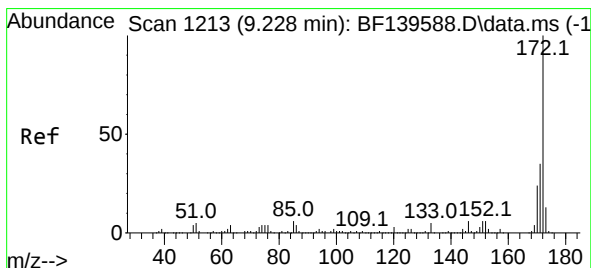
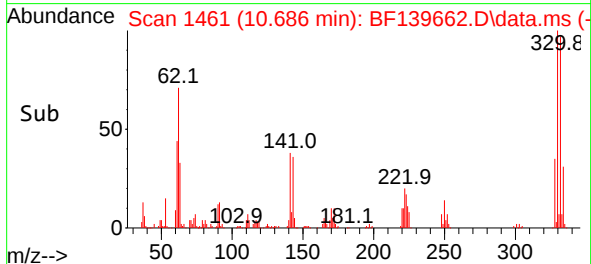
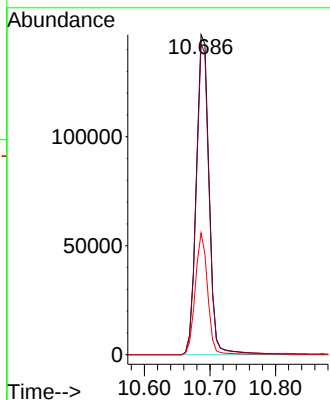


#42
2,4,6-Tribromophenol
Concen: 120.453 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Instrument :
BNA_F
ClientSampleId :
TP-5

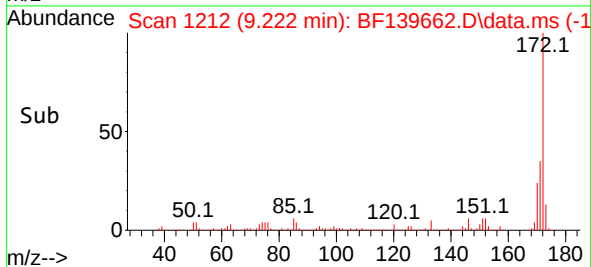
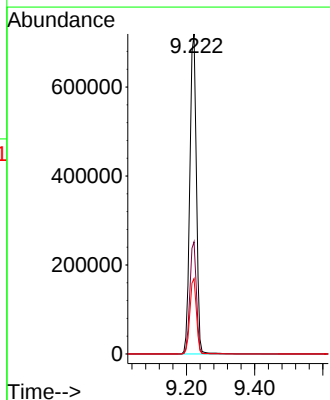
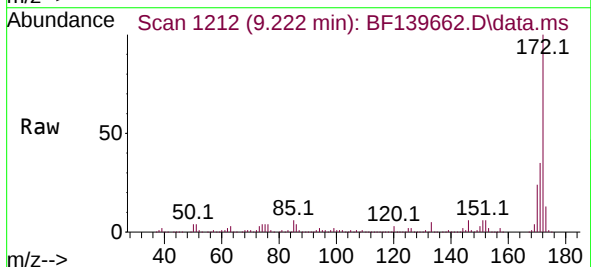


Tgt Ion:330 Resp: 200933
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 36.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 85.019 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:172 Resp: 956997
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.6 18.8 28.2

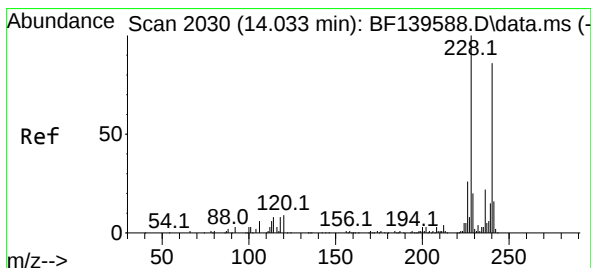
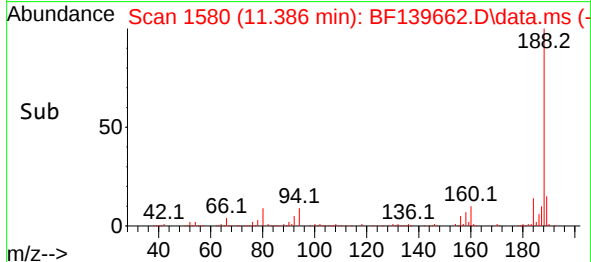
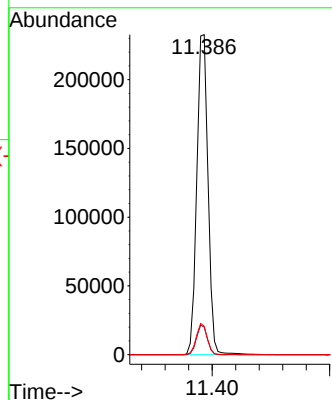
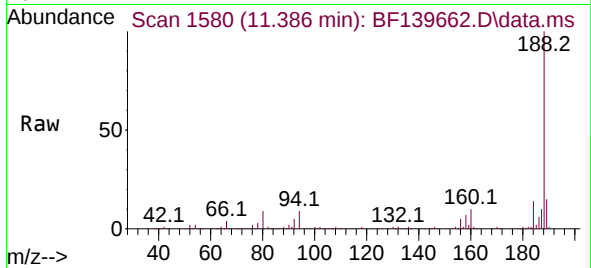




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

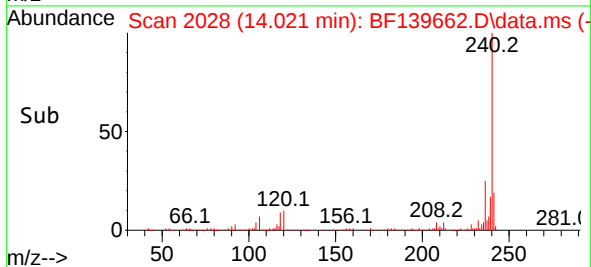
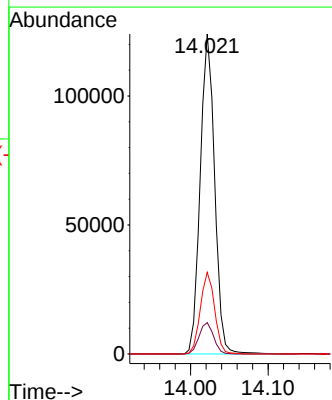
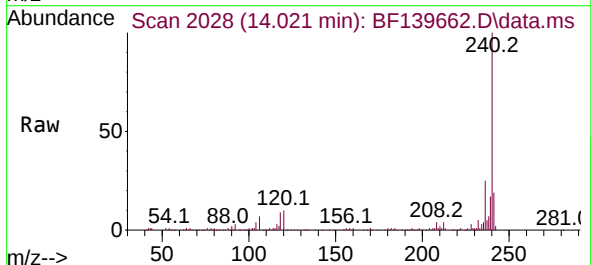
Instrument :
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ClientSampleId :
TP-5

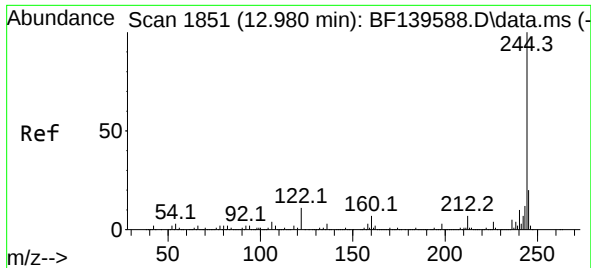
Tgt Ion:188 Resp: 307575
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139662.D
Acq: 04 Oct 2024 17:26

Tgt Ion:240 Resp: 160160
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.3 30.5

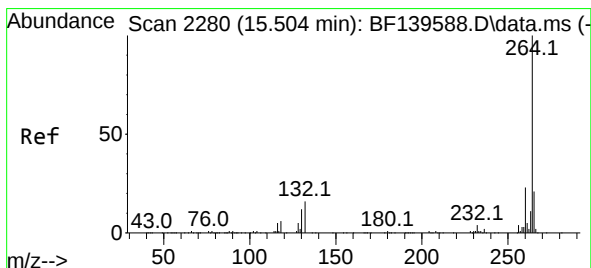
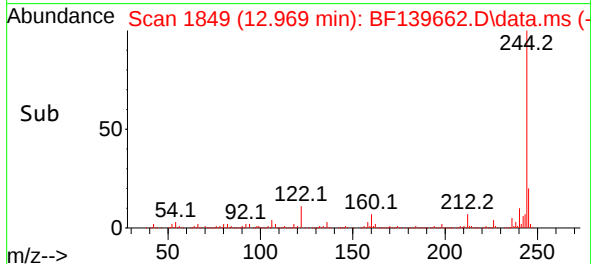
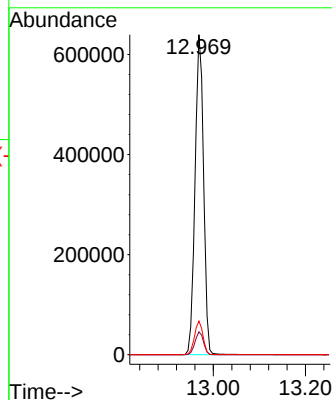
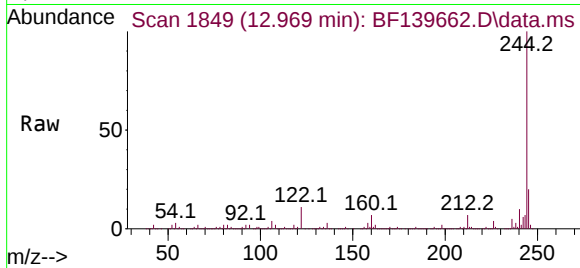




#79
 Terphenyl-d14
 Concen: 83.638 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139662.D
 Acq: 04 Oct 2024 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 816384
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139662.D
 Acq: 04 Oct 2024 17:26

Tgt Ion:264 Resp: 174880
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.3 16.9 25.3

