

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139602.D
 Acq On : 02 Oct 2024 13:07
 Operator : RC/JU
 Sample : P4198-26RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-WC-1RE

Quant Time: Oct 02 14:10:30 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	62067	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	231564	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129487	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	241426	20.000	ng	0.00
76) Chrysene-d12	14.027	240	139282	20.000	ng	0.00
86) Perylene-d12	15.492	264	117372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	534765	149.335	ng	0.00
7) Phenol-d6	6.492	99	724802	150.510	ng	-0.01
23) Nitrobenzene-d5	7.428	82	450796	98.564	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	177596	142.078	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	774608	91.837	ng	0.00
79) Terphenyl-d14	12.974	244	841272	99.107	ng	0.00

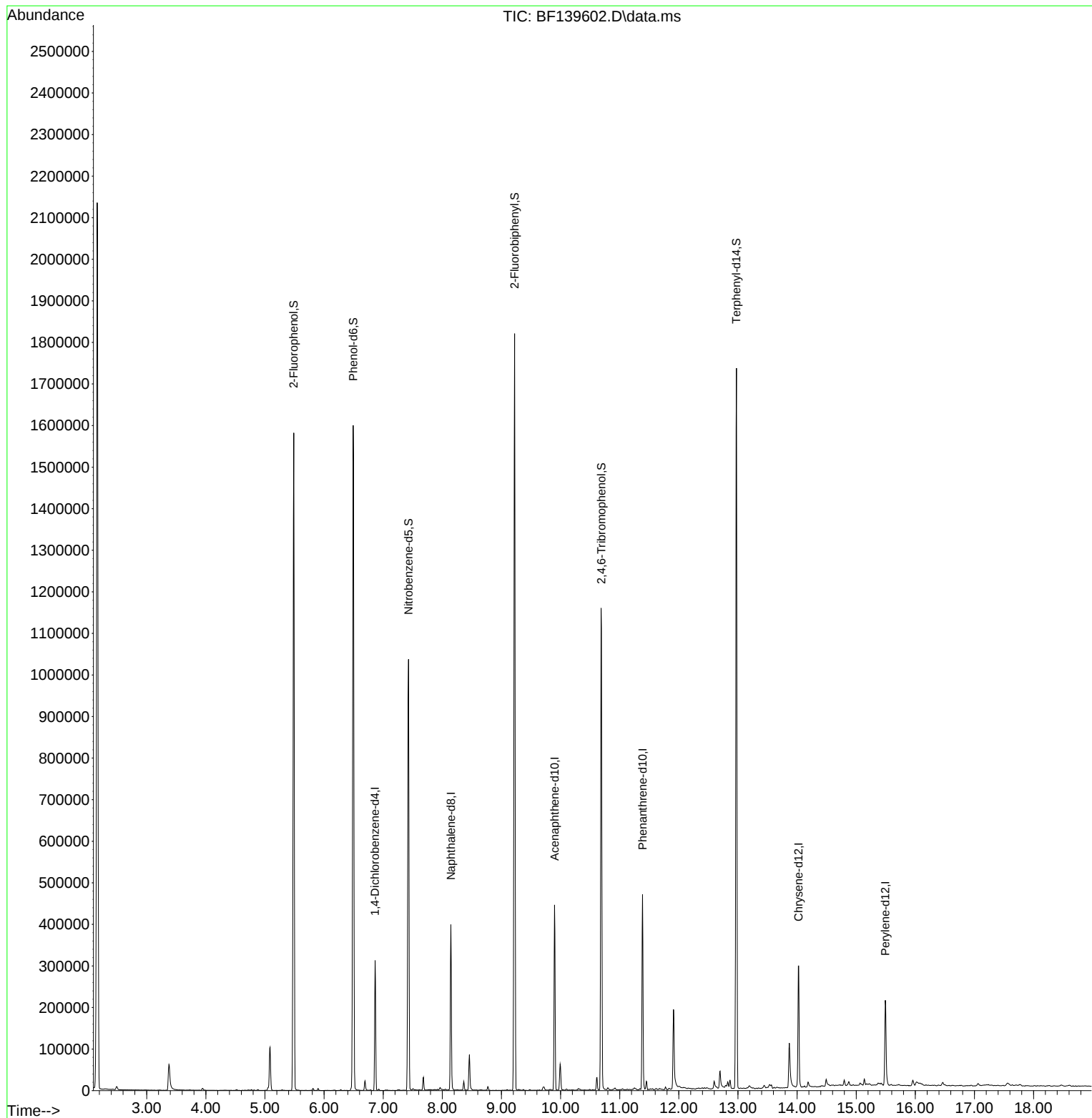
Target Compounds	Qvalue

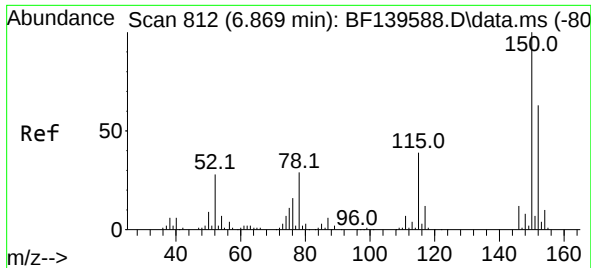
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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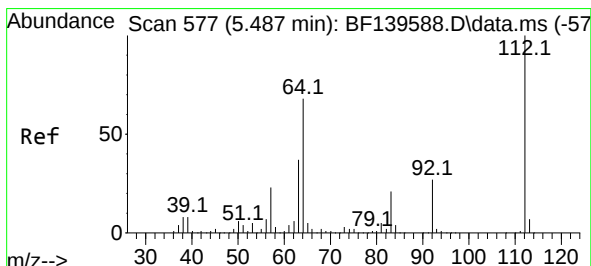
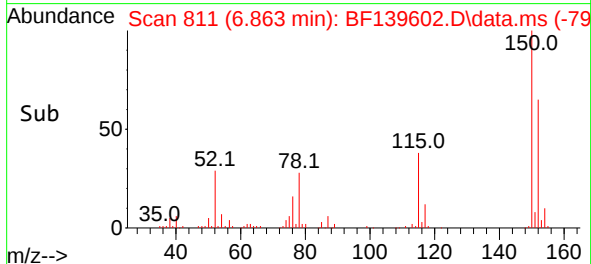
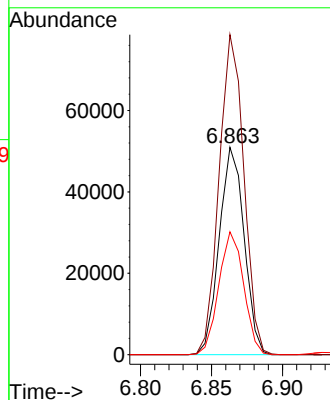
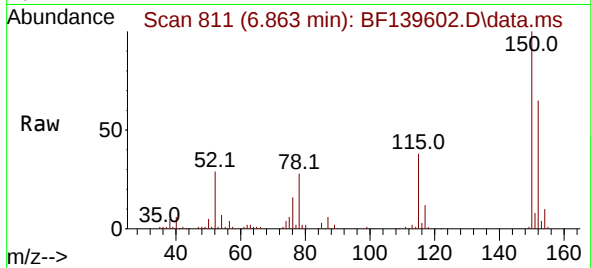




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

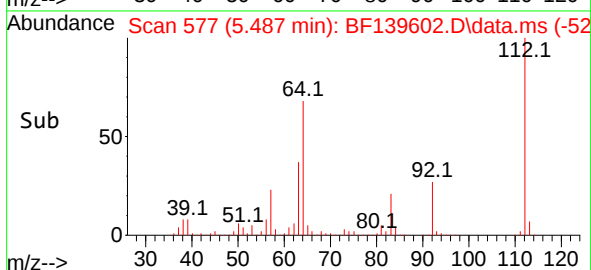
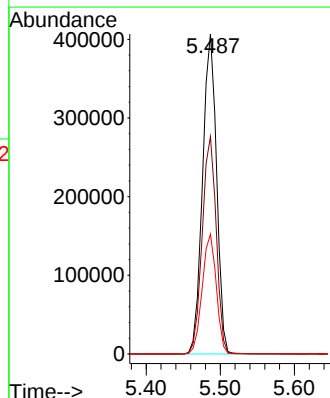
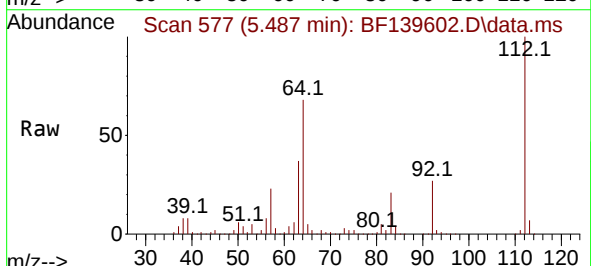
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

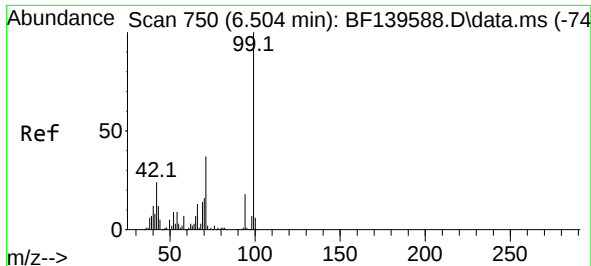
Tgt Ion:152 Resp: 62067
Ion Ratio Lower Upper
152 100
150 154.3 127.2 190.8
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 149.335 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion:112 Resp: 534765
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.5 29.4 44.2

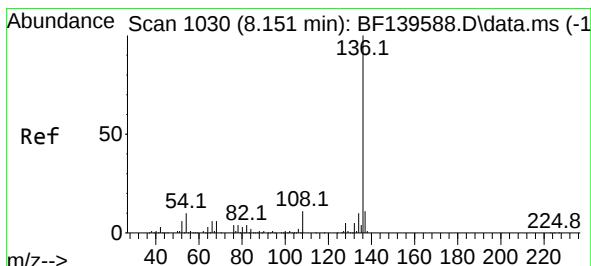
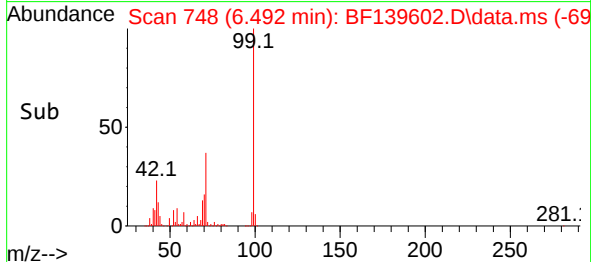
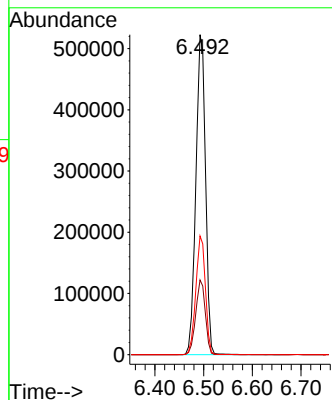
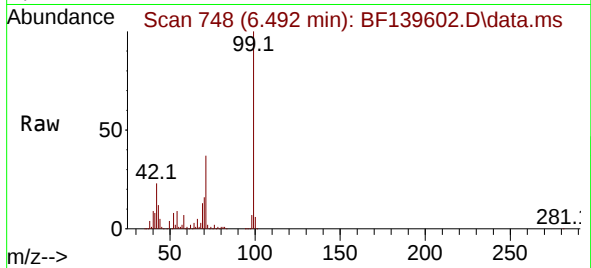




#7
Phenol-d6
Concen: 150.510 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

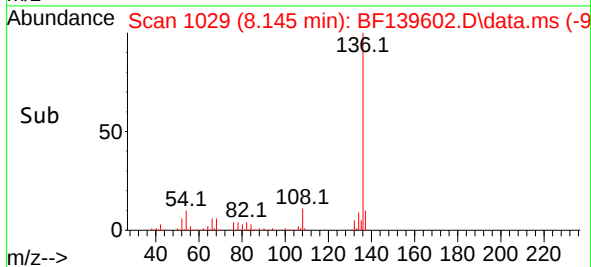
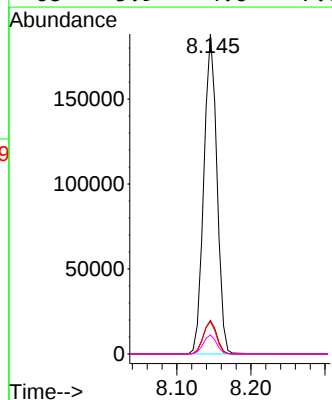
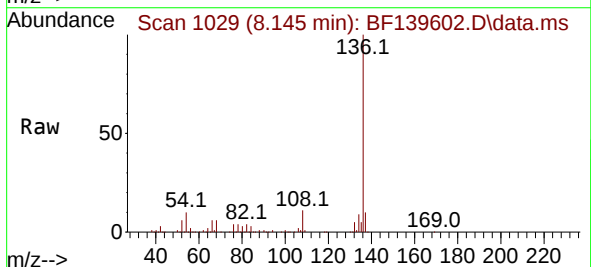
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

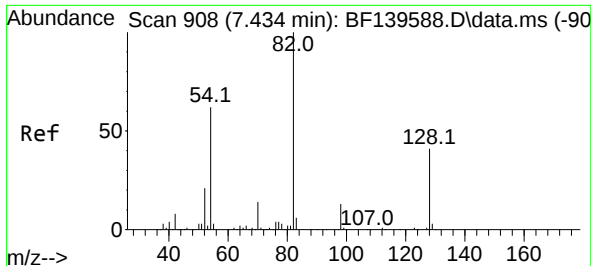
Tgt Ion: 99 Resp: 724802
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.1 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion: 136 Resp: 231564
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.1 8.3 12.5
68 5.9 4.6 7.0

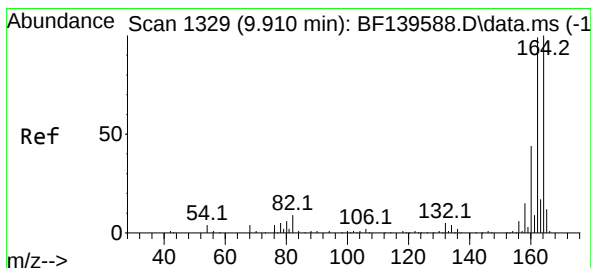
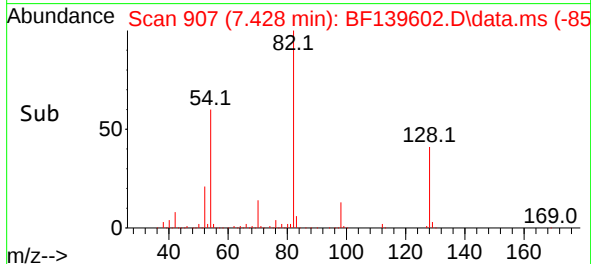
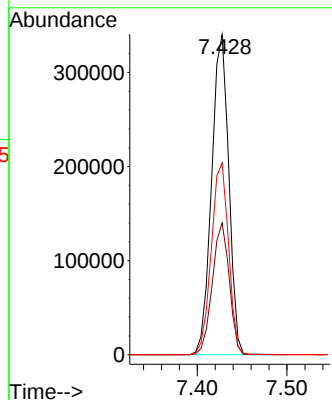
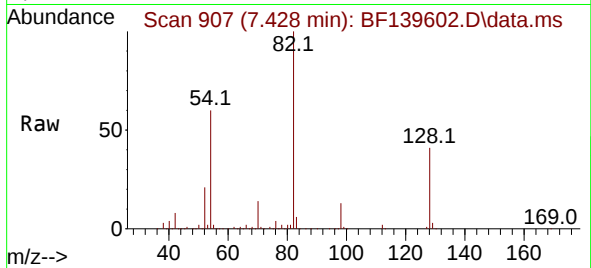




#23
Nitrobenzene-d5
Concen: 98.564 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

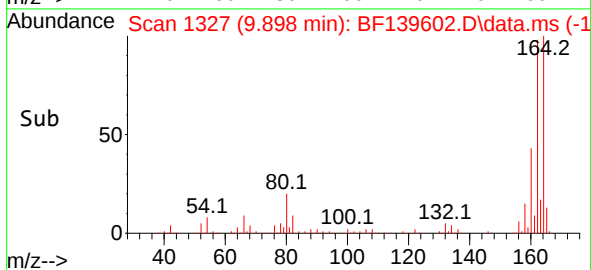
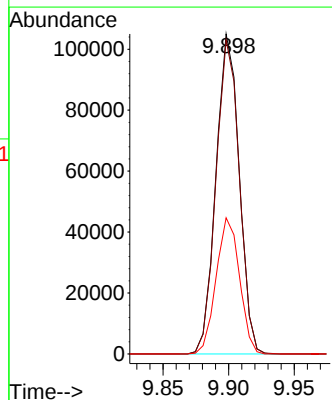
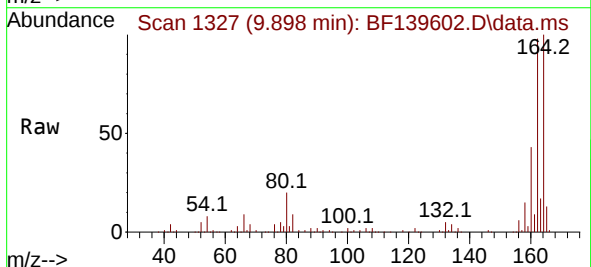
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

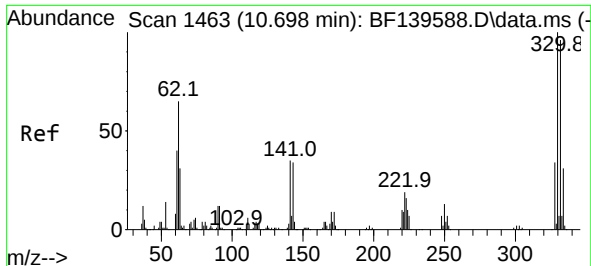
Tgt Ion: 82 Resp: 450796
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 59.9 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion:164 Resp: 129487
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 42.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.078 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139602.D

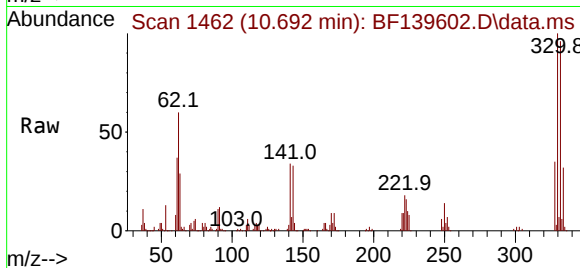
Acq: 02 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1RE



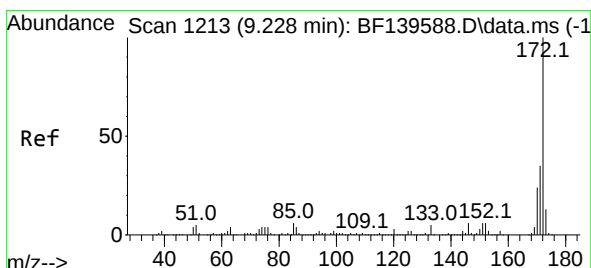
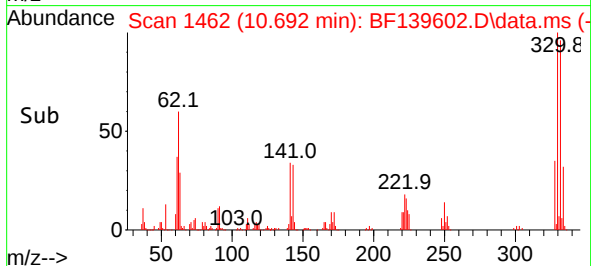
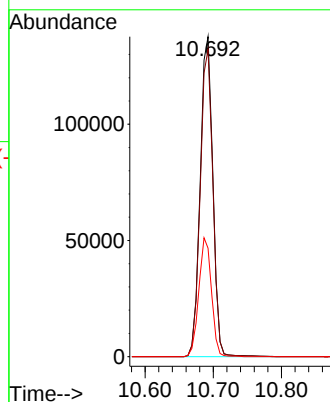
Tgt Ion:330 Resp: 177596

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 37.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 91.837 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

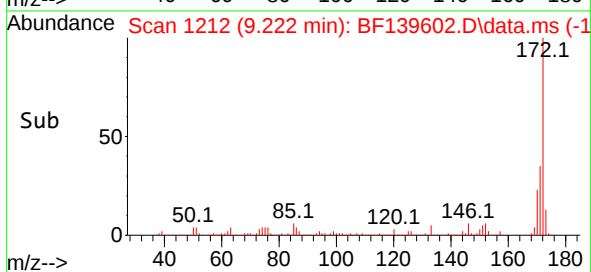
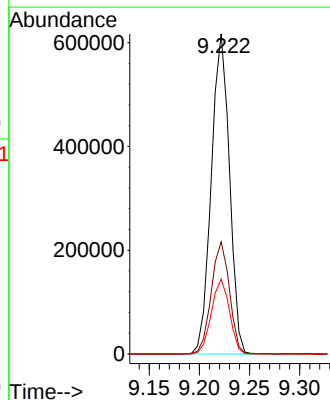
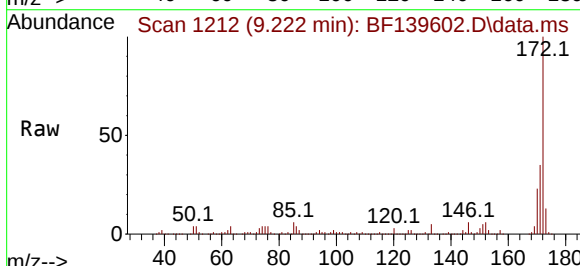
Tgt Ion:172 Resp: 774608

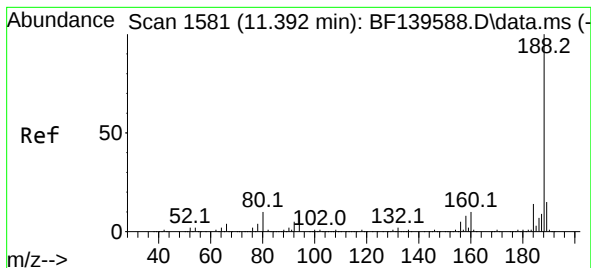
Ion Ratio Lower Upper

172 100

171 35.0 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: BF139602.D

Acq: 02 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1RE

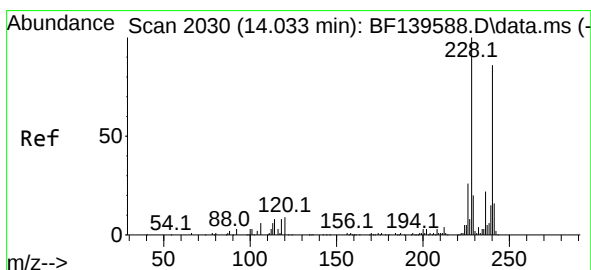
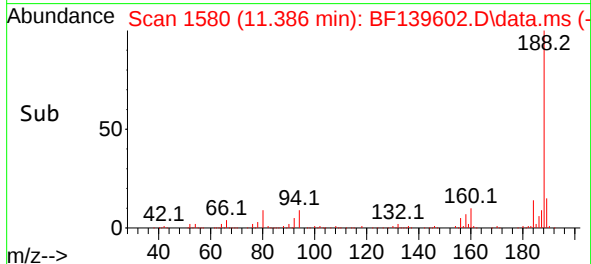
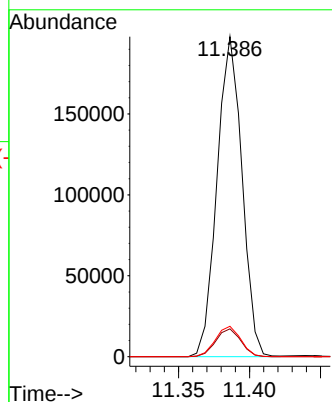
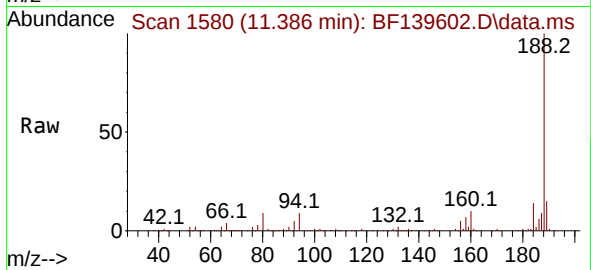
Tgt Ion:188 Resp: 241426

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.5 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: BF139602.D

Acq: 02 Oct 2024 13:07

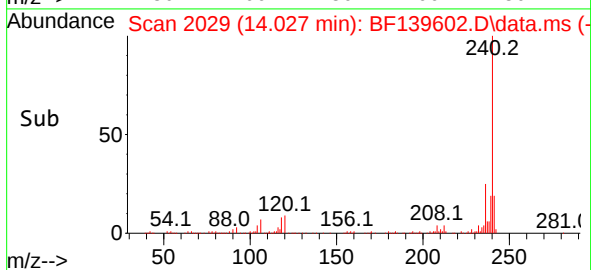
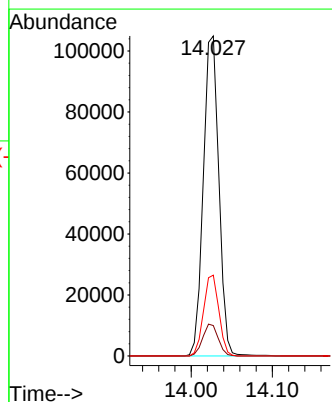
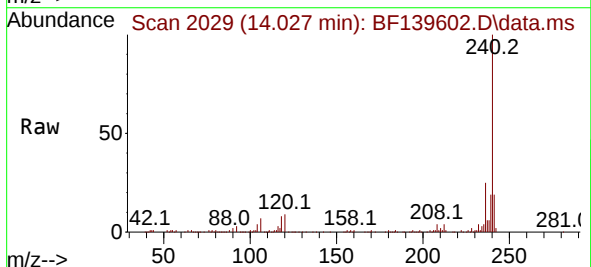
Tgt Ion:240 Resp: 139282

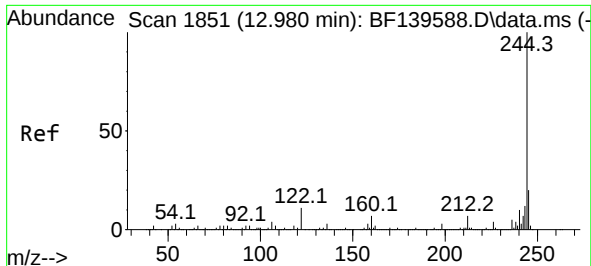
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.2 20.3 30.5

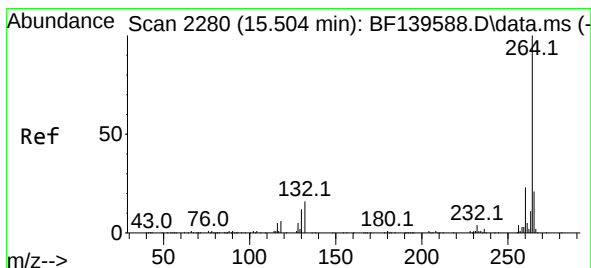
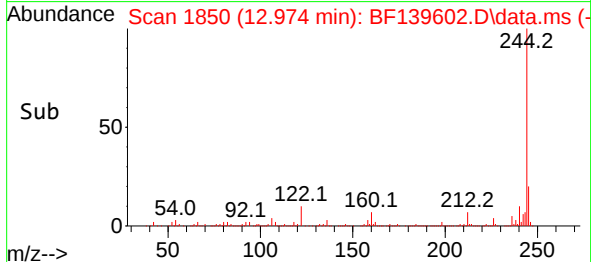
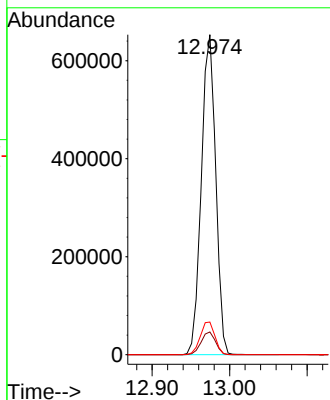
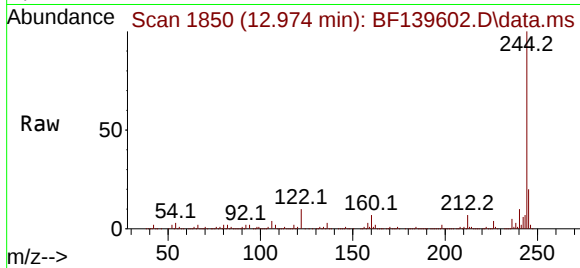




#79
 Terphenyl-d14
 Concen: 99.107 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139602.D
 Acq: 02 Oct 2024 13:07

Instrument :
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 ClientSampleId :
 TP5-WC-1RE

Tgt Ion:244 Resp: 841272
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.2 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: BF139602.D
 Acq: 02 Oct 2024 13:07

Tgt Ion:264 Resp: 117372
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 16.9 25.3

