

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140038.D
 Acq On : 25 Oct 2024 15:32
 Operator : RC/JU
 Sample : P4467-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 25 15:56:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	95035	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	367411	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	211186	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397907	20.000	ng	0.00
76) Chrysene-d12	14.051	240	234920	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	228145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	618819	101.937	ng	0.00
7) Phenol-d6	6.504	99	785076	99.851	ng	0.00
23) Nitrobenzene-d5	7.445	82	518827	78.265	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230835	116.857	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	929368	72.730	ng	0.00
79) Terphenyl-d14	12.998	244	1058730	73.437	ng	0.00

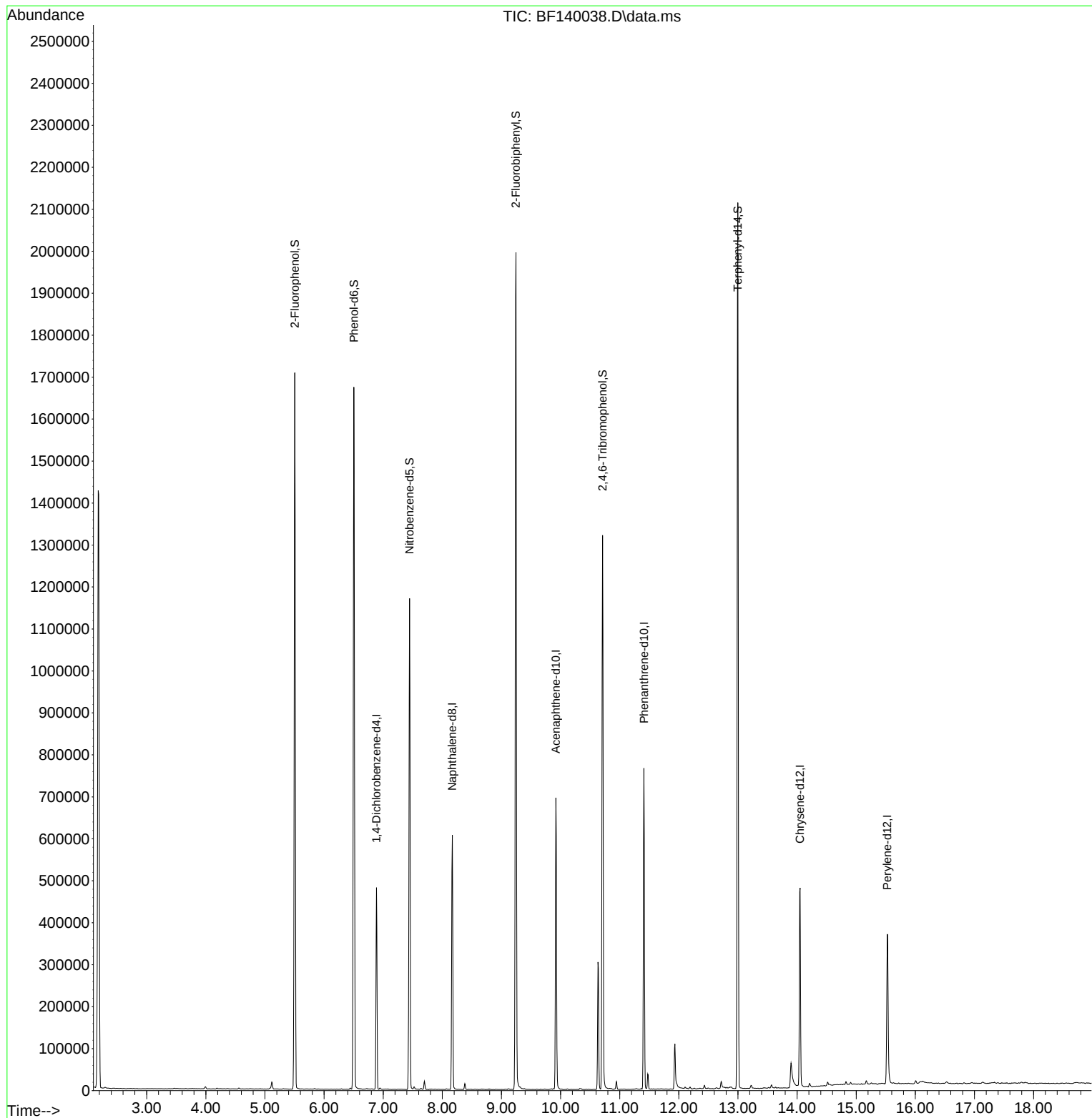
Target Compounds	Qvalue

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

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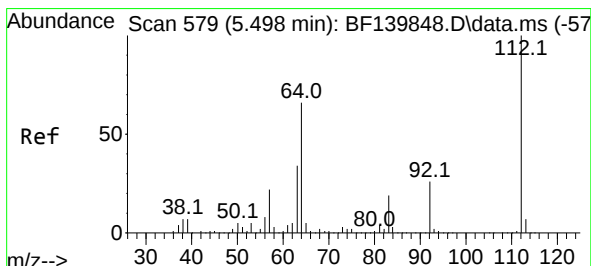
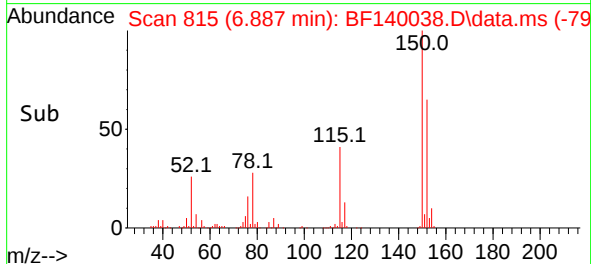
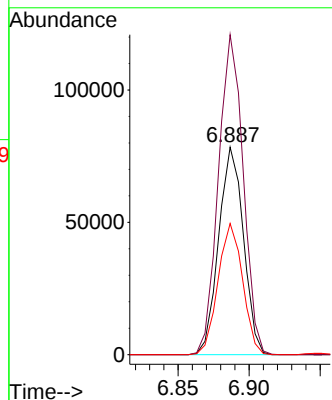
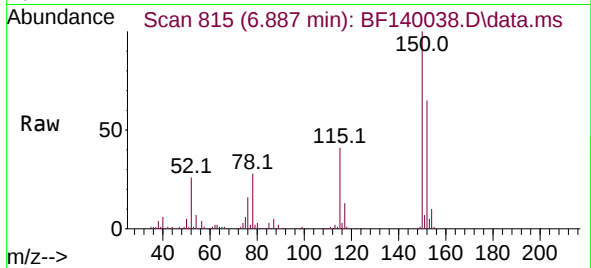




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

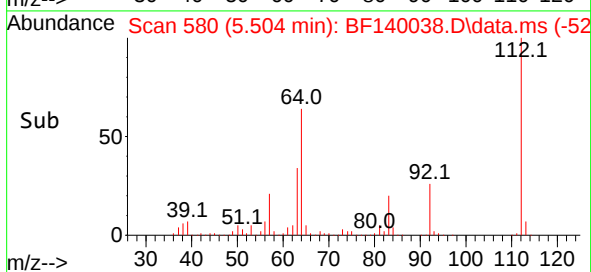
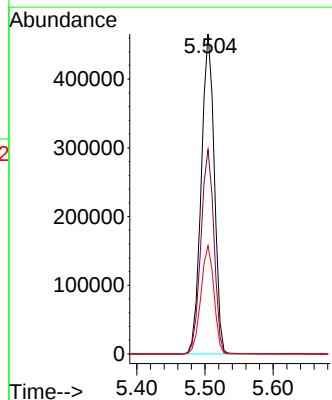
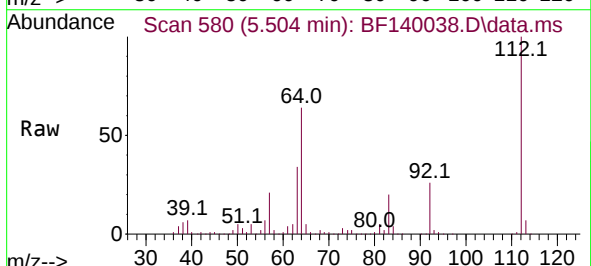
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 95035
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 101.937 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion:112 Resp: 618819
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 33.8 27.0 40.4

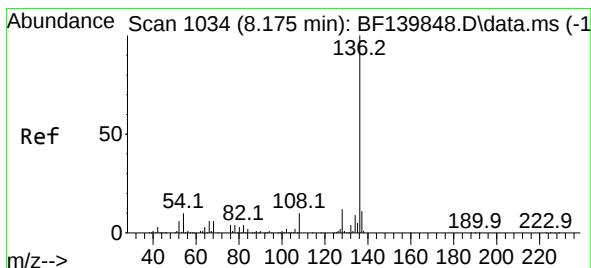
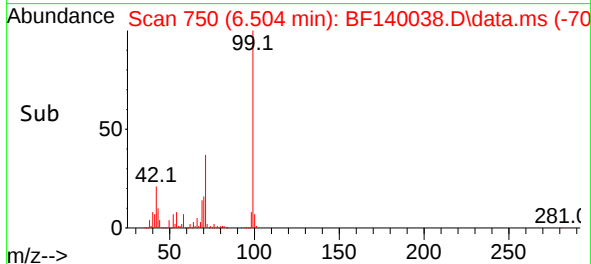
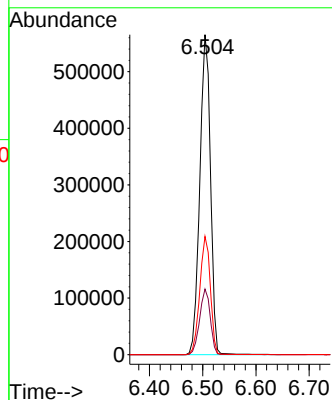
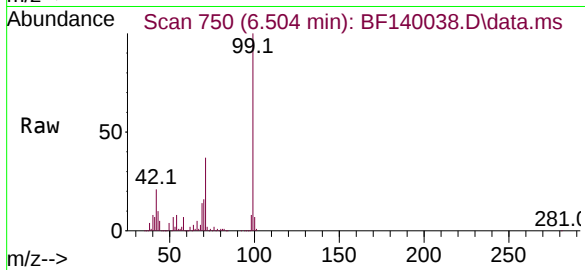




#7
Phenol-d6
Concen: 99.851 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

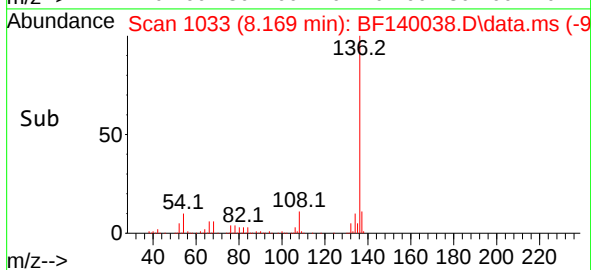
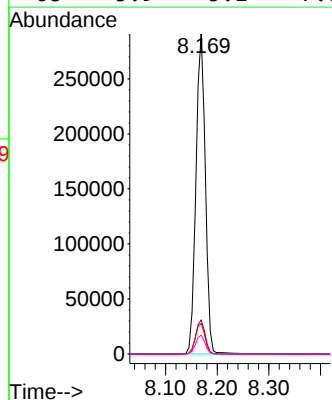
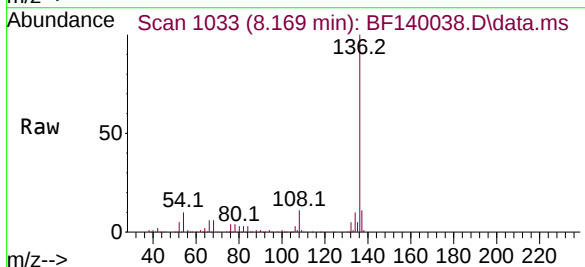
Instrument :
BNA_F
ClientSampleId :
TP-1

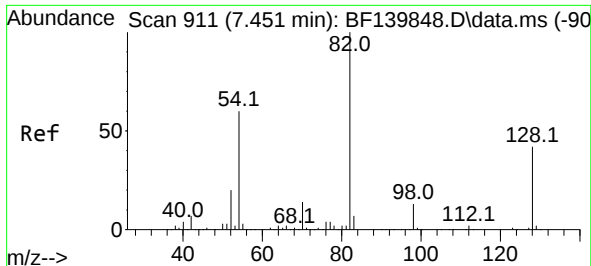
Tgt Ion: 99 Resp: 785076
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 37.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion: 136 Resp: 367411
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.5 8.4 12.6
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 78.265 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP-1

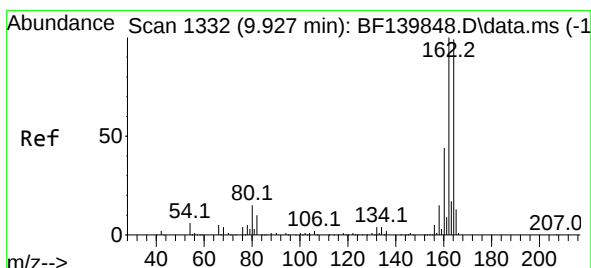
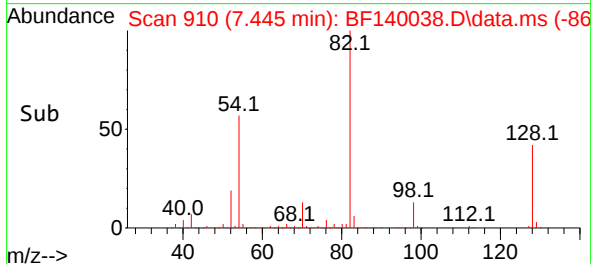
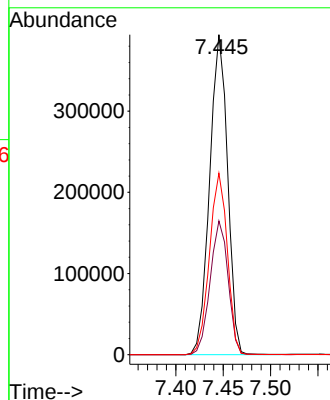
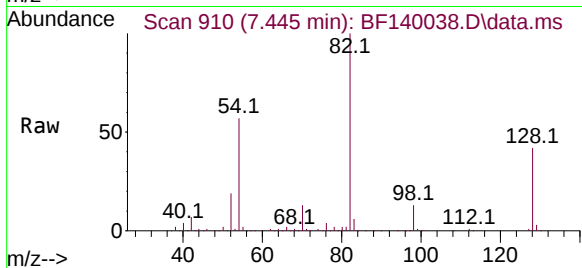
Tgt Ion: 82 Resp: 518827

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 56.7 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

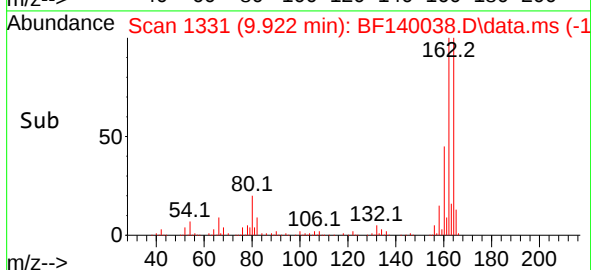
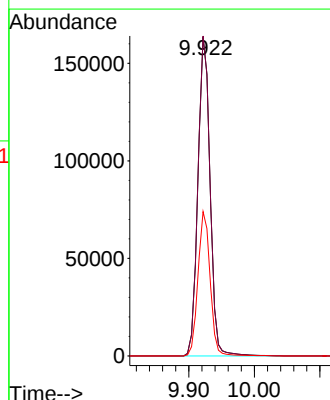
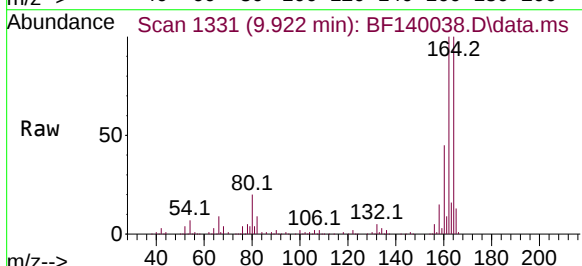
Tgt Ion: 164 Resp: 211186

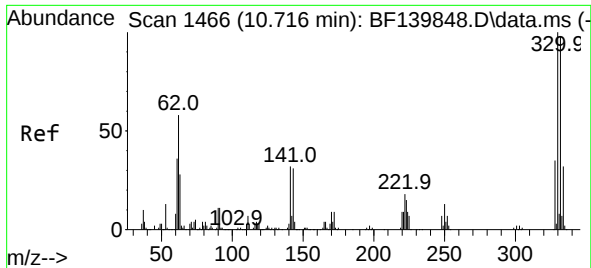
Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 45.3 35.4 53.0

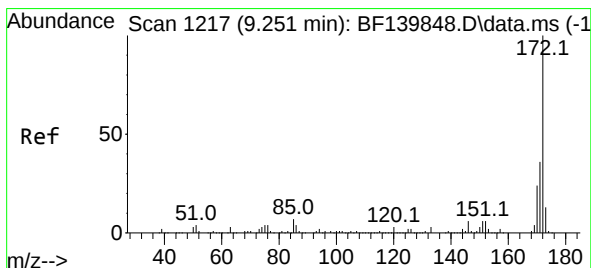
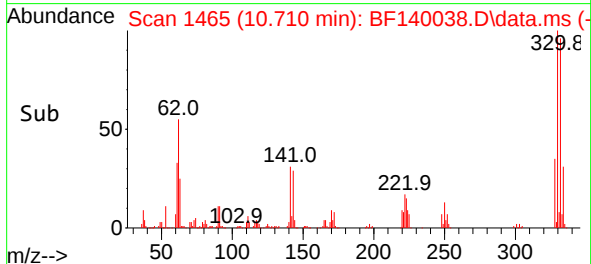
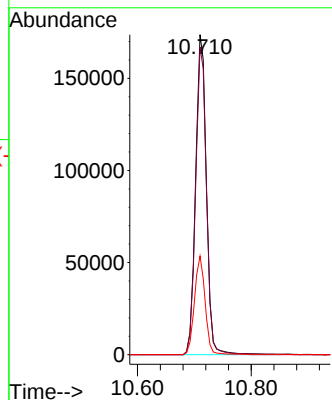
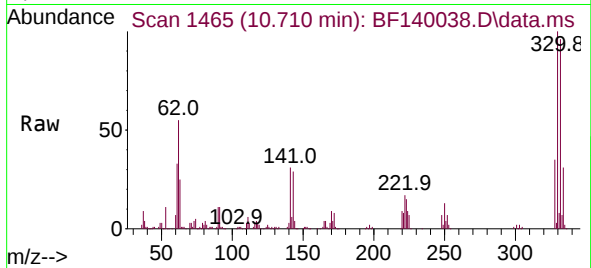




#42
2,4,6-Tribromophenol
Concen: 116.857 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

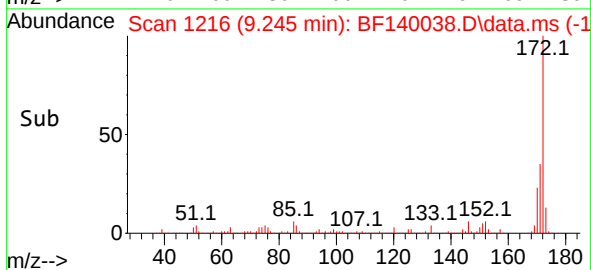
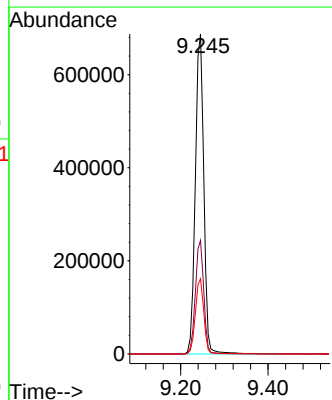
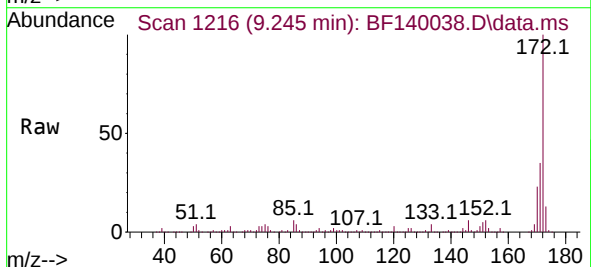
Instrument :
BNA_F
ClientSampleId :
TP-1

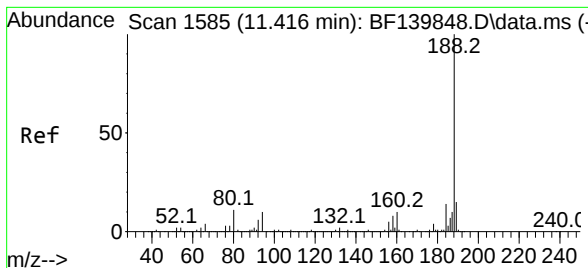
Tgt Ion:330 Resp: 230835
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 30.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 72.730 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion:172 Resp: 929368
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP-1

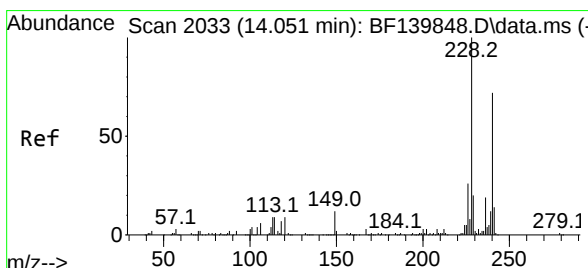
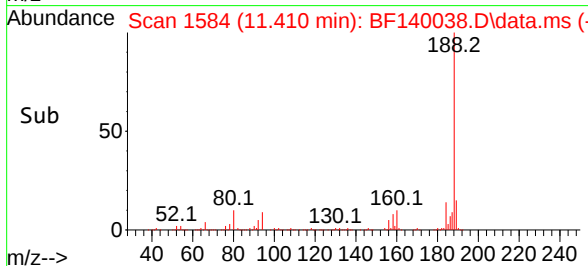
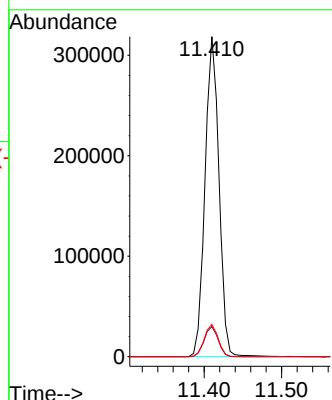
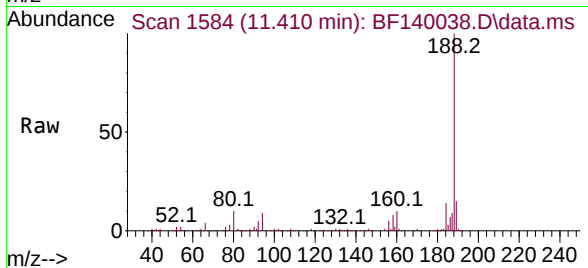
Tgt Ion:188 Resp: 397907

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.1 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

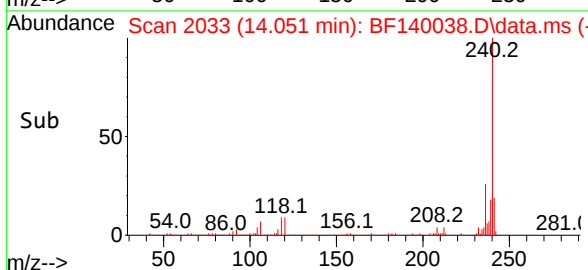
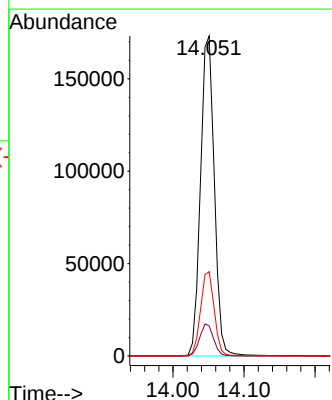
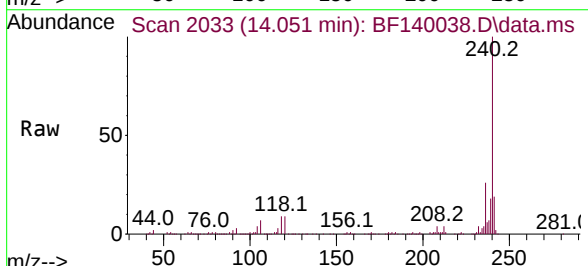
Tgt Ion:240 Resp: 234920

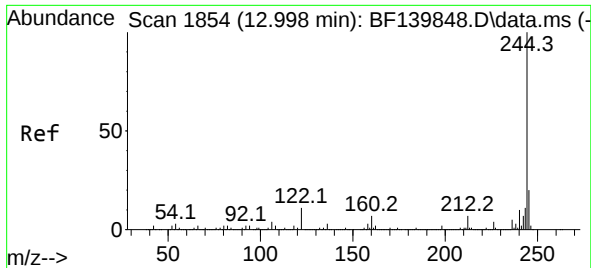
Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.2#

236 26.4 20.9 31.3

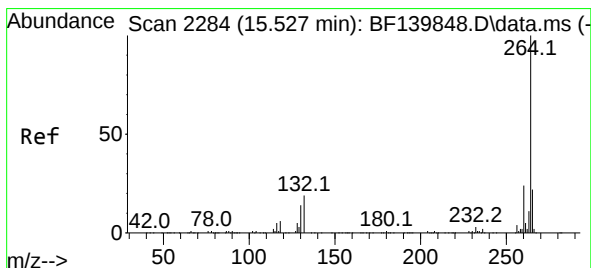
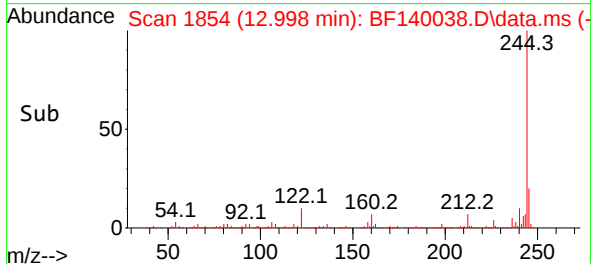
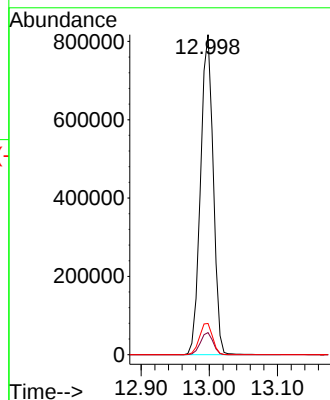
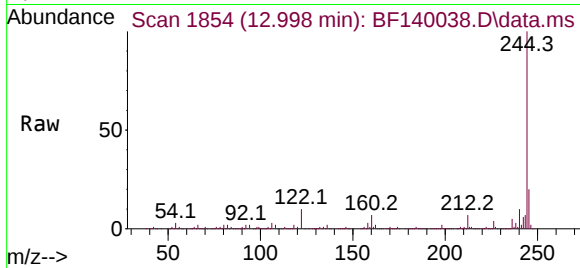




#79
 Terphenyl-d14
 Concen: 73.437 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140038.D
 Acq: 25 Oct 2024 15:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1058730
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140038.D
 Acq: 25 Oct 2024 15:32

Tgt Ion:264 Resp: 228145
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.2 17.4 26.0

