

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140195.D
 Acq On : 31 Oct 2024 17:54
 Operator : RC/JU
 Sample : P4611-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Nov 01 01:14:33 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	120127	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	453904	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	226882	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	356242	20.000	ng	0.00
76) Chrysene-d12	14.068	240	216253	20.000	ng	0.02
86) Perylene-d12	15.580	264	167821	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	827266	107.809	ng	0.01
7) Phenol-d6	6.510	99	982178	98.827	ng	0.00
23) Nitrobenzene-d5	7.445	82	763695	93.250	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	269600	127.039	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1285598	93.648	ng	-0.01
79) Terphenyl-d14	13.010	244	1239801	93.420	ng	0.01

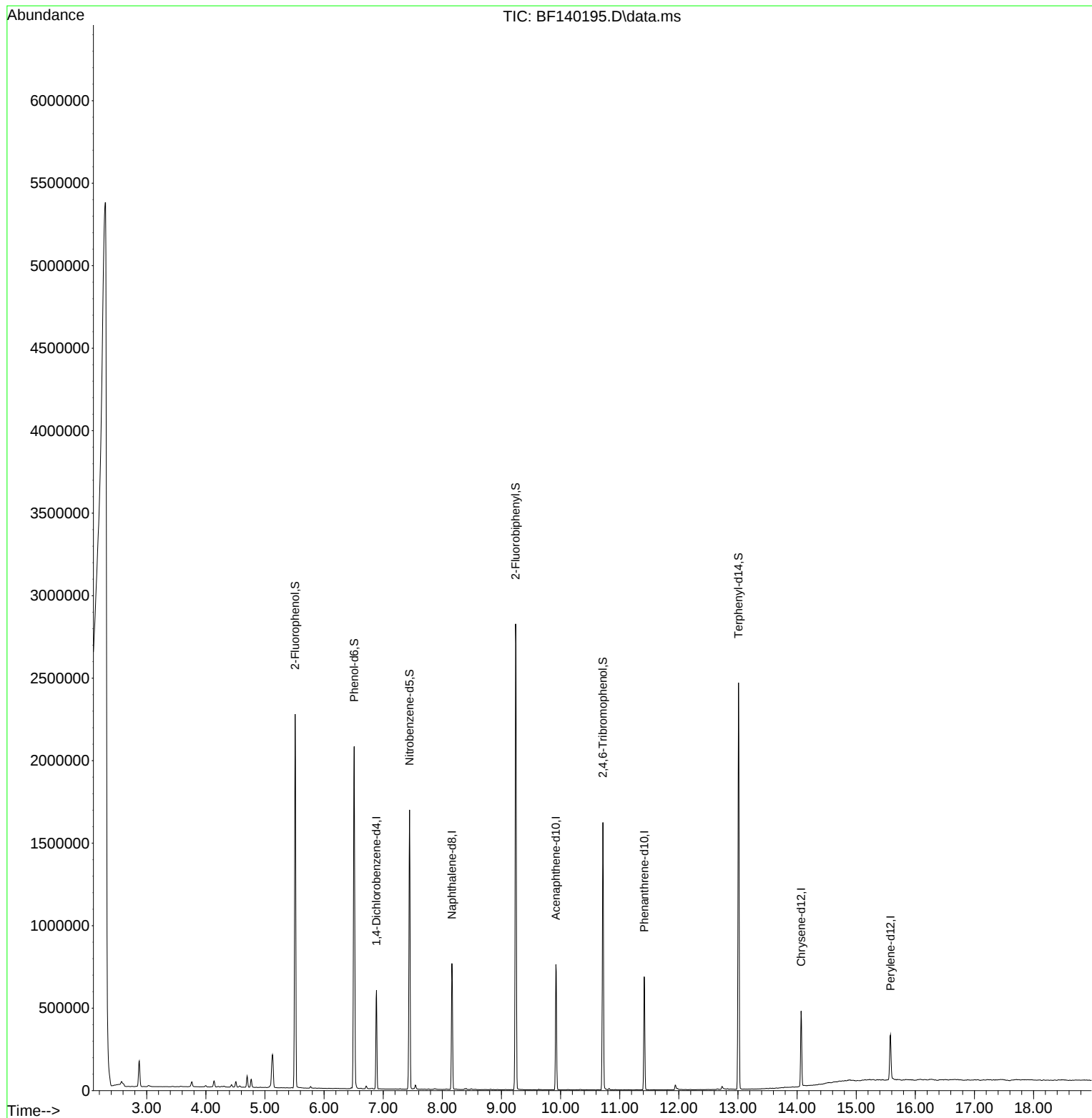
Target Compounds	Qvalue

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

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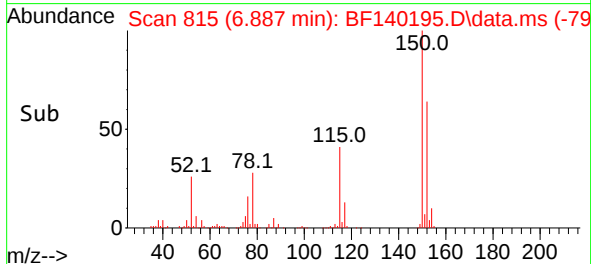
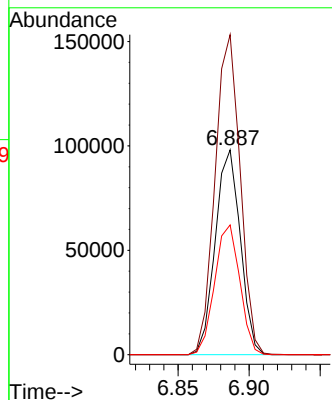
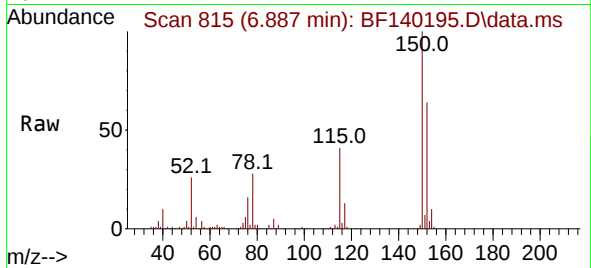




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140195.D
Acq: 31 Oct 2024 17:54

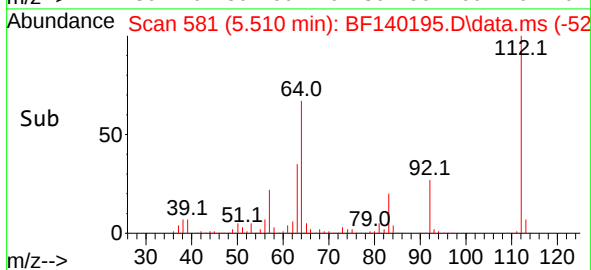
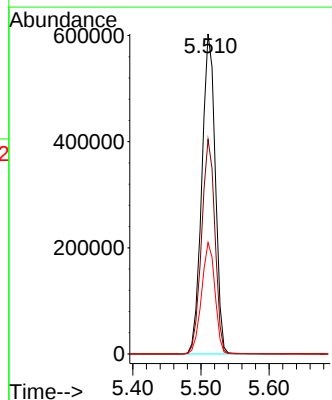
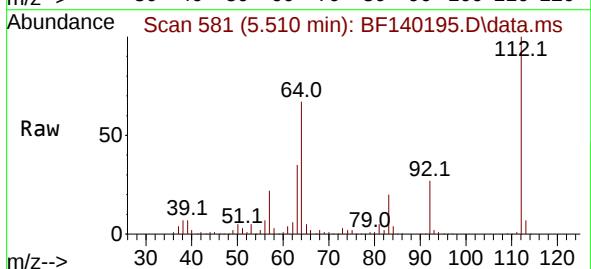
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 120127
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 107.809 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140195.D
Acq: 31 Oct 2024 17:54

Tgt Ion:112 Resp: 827266
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 34.8 27.0 40.4

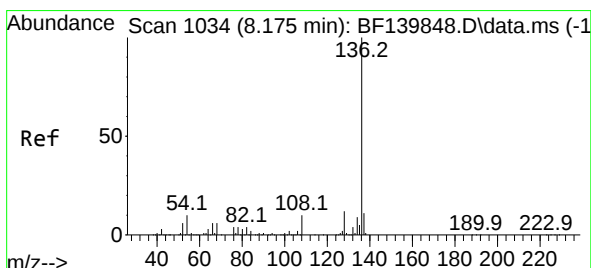
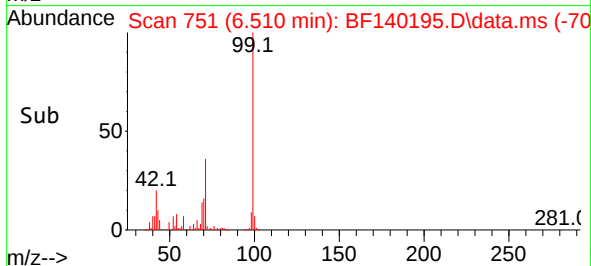
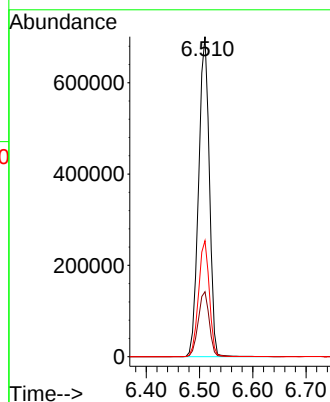
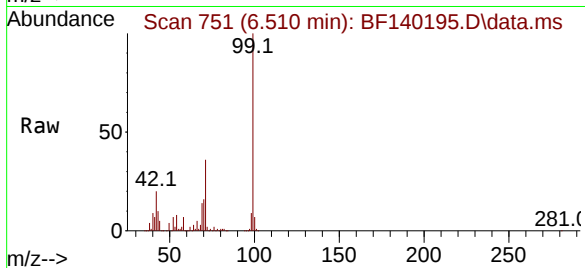




#7
Phenol-d6
Concen: 98.827 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140195.D
Acq: 31 Oct 2024 17:54

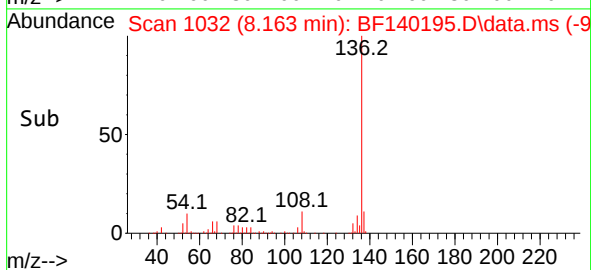
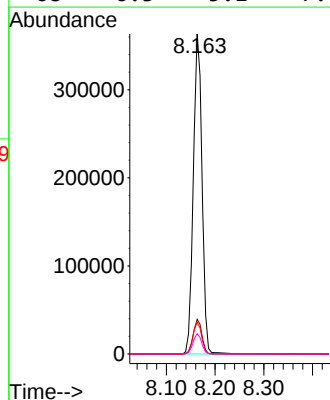
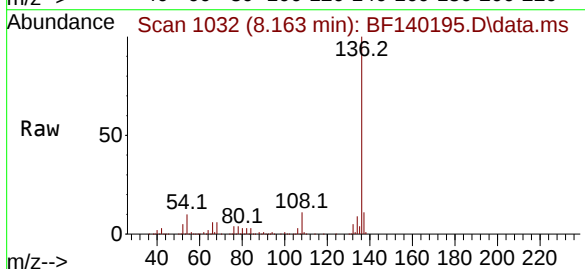
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 982178
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 36.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140195.D
Acq: 31 Oct 2024 17:54

Tgt Ion: 136 Resp: 453904
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 93.250 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140195.D

Acq: 31 Oct 2024 17:54

Instrument :

BNA_F

ClientSampleId :

TP-5

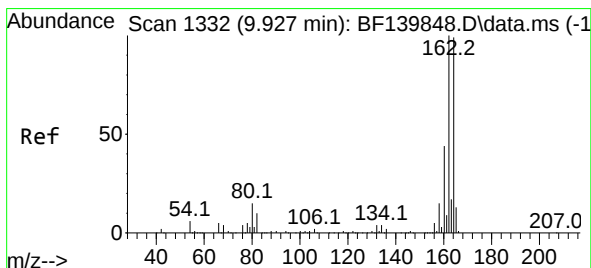
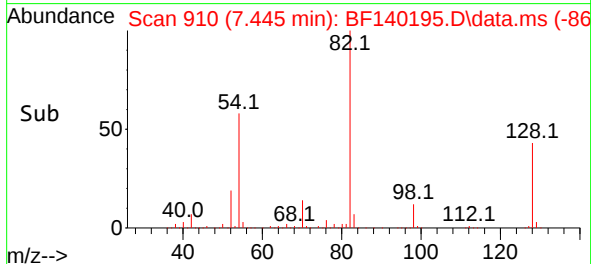
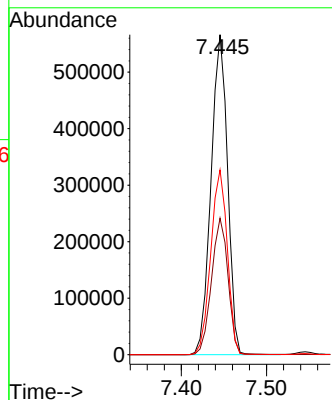
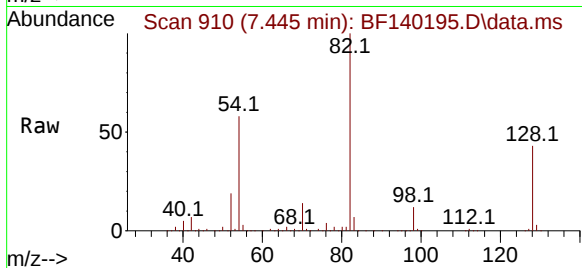
Tgt Ion: 82 Resp: 763695

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 57.7 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: BF140195.D

Acq: 31 Oct 2024 17:54

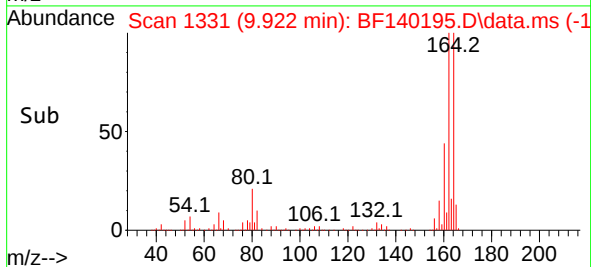
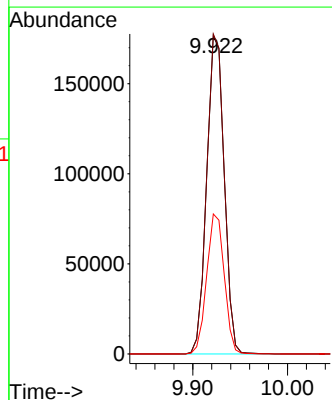
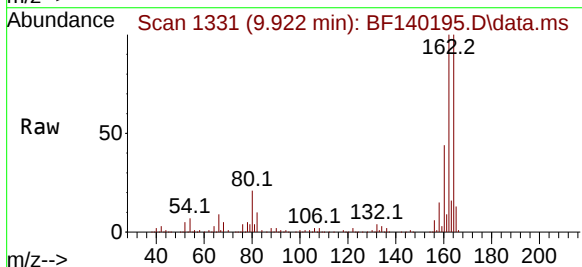
Tgt Ion:164 Resp: 226882

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 43.9 35.4 53.0

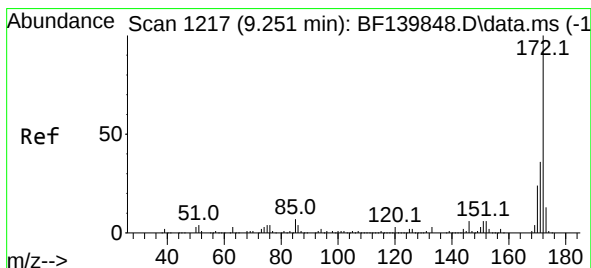
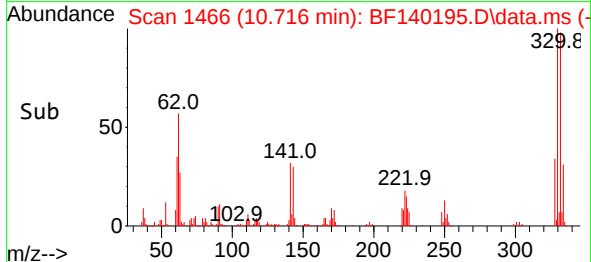
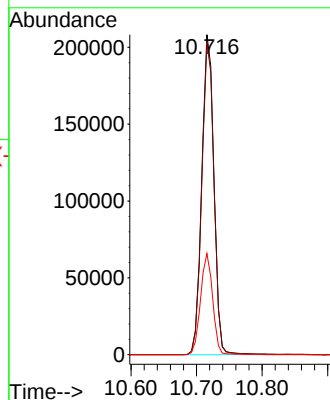
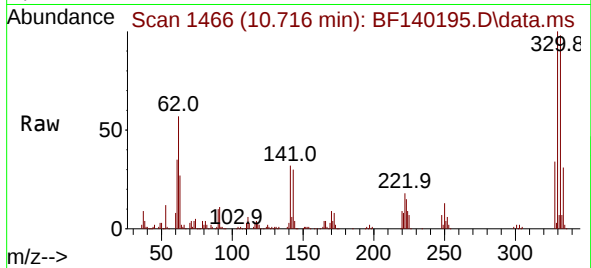




#42
 2,4,6-Tribromophenol
 Concen: 127.039 ng
 RT: 10.716 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF140195.D
 Acq: 31 Oct 2024 17:54

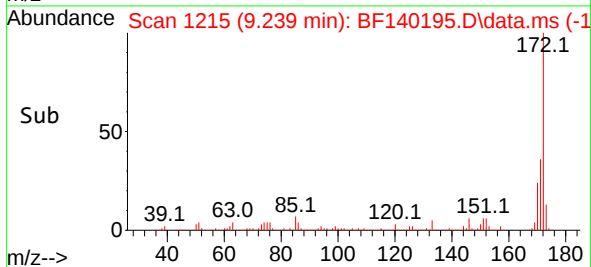
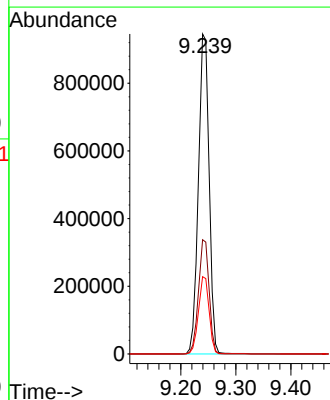
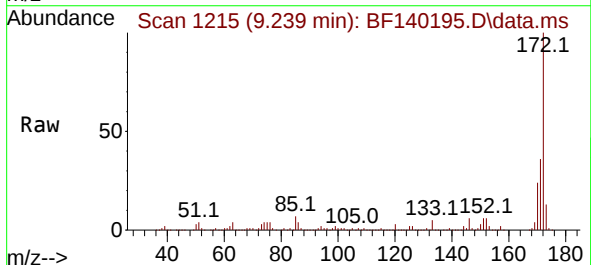
Instrument :
 BNA_F
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 TP-5

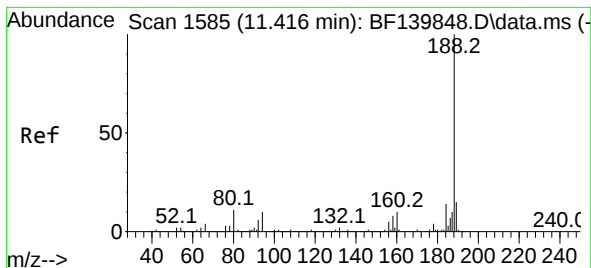
Tgt Ion:330 Resp: 269600
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.1 117.1
 141 31.5 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 93.648 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.012 min
 Lab File: BF140195.D
 Acq: 31 Oct 2024 17:54

Tgt Ion:172 Resp: 1285598
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140195.D

Acq: 31 Oct 2024 17:54

Instrument :

BNA_F

ClientSampleId :

TP-5

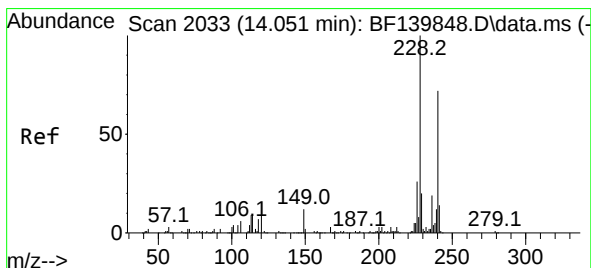
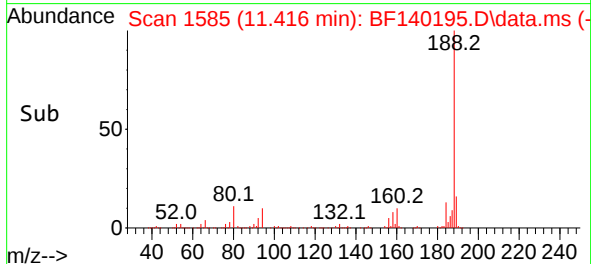
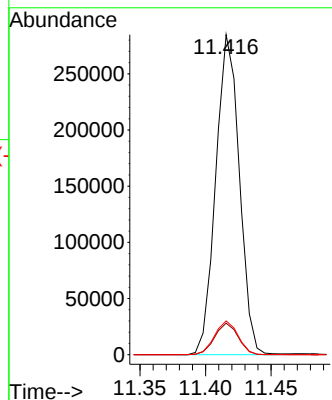
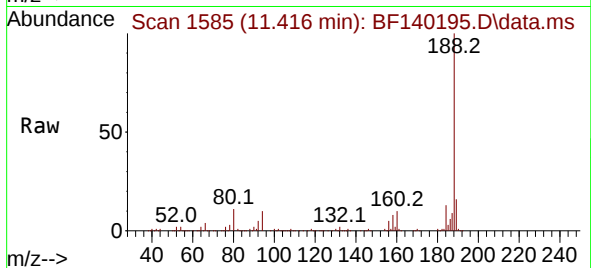
Tgt Ion:188 Resp: 356242

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140195.D

Acq: 31 Oct 2024 17:54

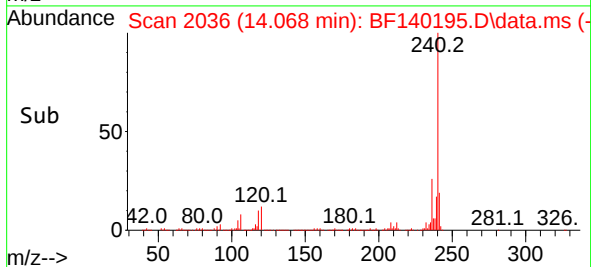
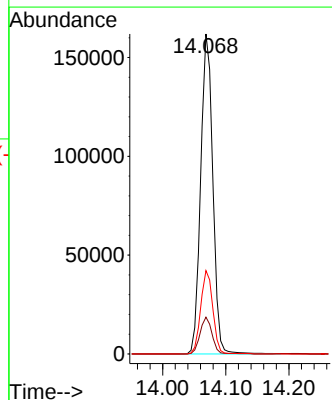
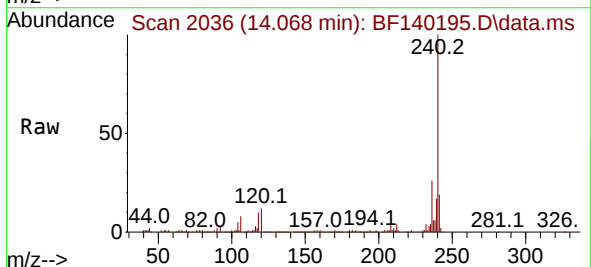
Tgt Ion:240 Resp: 216253

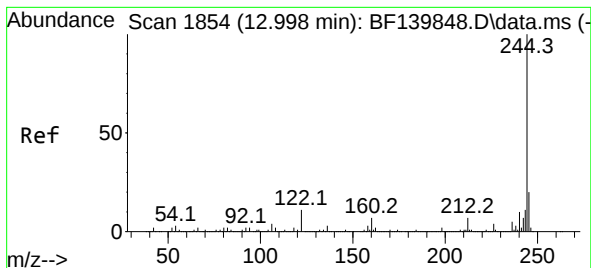
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 93.420 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140195.D

Acq: 31 Oct 2024 17:54

Instrument :

BNA_F

ClientSampleId :

TP-5

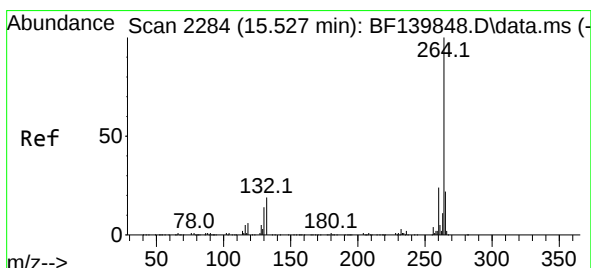
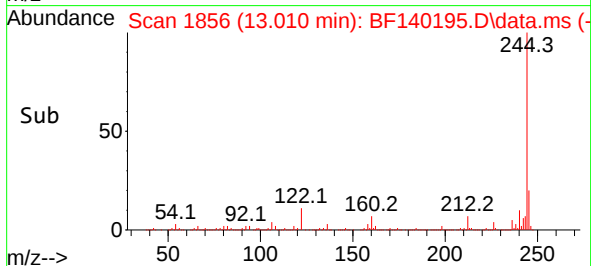
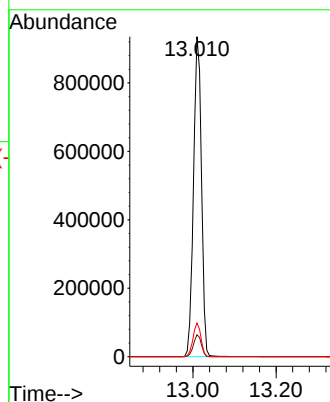
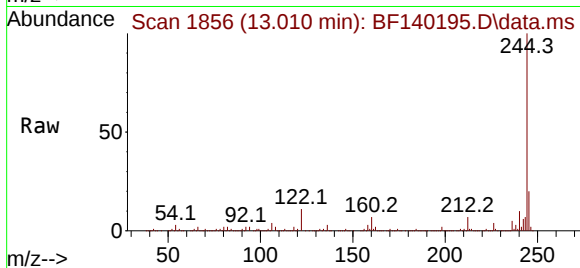
Tgt Ion:244 Resp: 1239801

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.5 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.053 min

Lab File: BF140195.D

Acq: 31 Oct 2024 17:54

Tgt Ion:264 Resp: 167821

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.3 17.4 26.0

