

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139975.D
 Acq On : 23 Oct 2024 20:22
 Operator : RC/JU
 Sample : P4397-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-SW

Quant Time: Oct 24 01:12:03 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	146831	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541523	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	276437	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397037	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340671	20.000	ng	0.00
86) Perylene-d12	15.527	264	311683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	598372	63.797	ng	0.00
7) Phenol-d6	6.504	99	536909	44.199	ng	0.00
23) Nitrobenzene-d5	7.451	82	946599	96.882	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	290864	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1600028	95.659	ng	0.00
79) Terphenyl-d14	12.998	244	1406116	67.257	ng	0.00

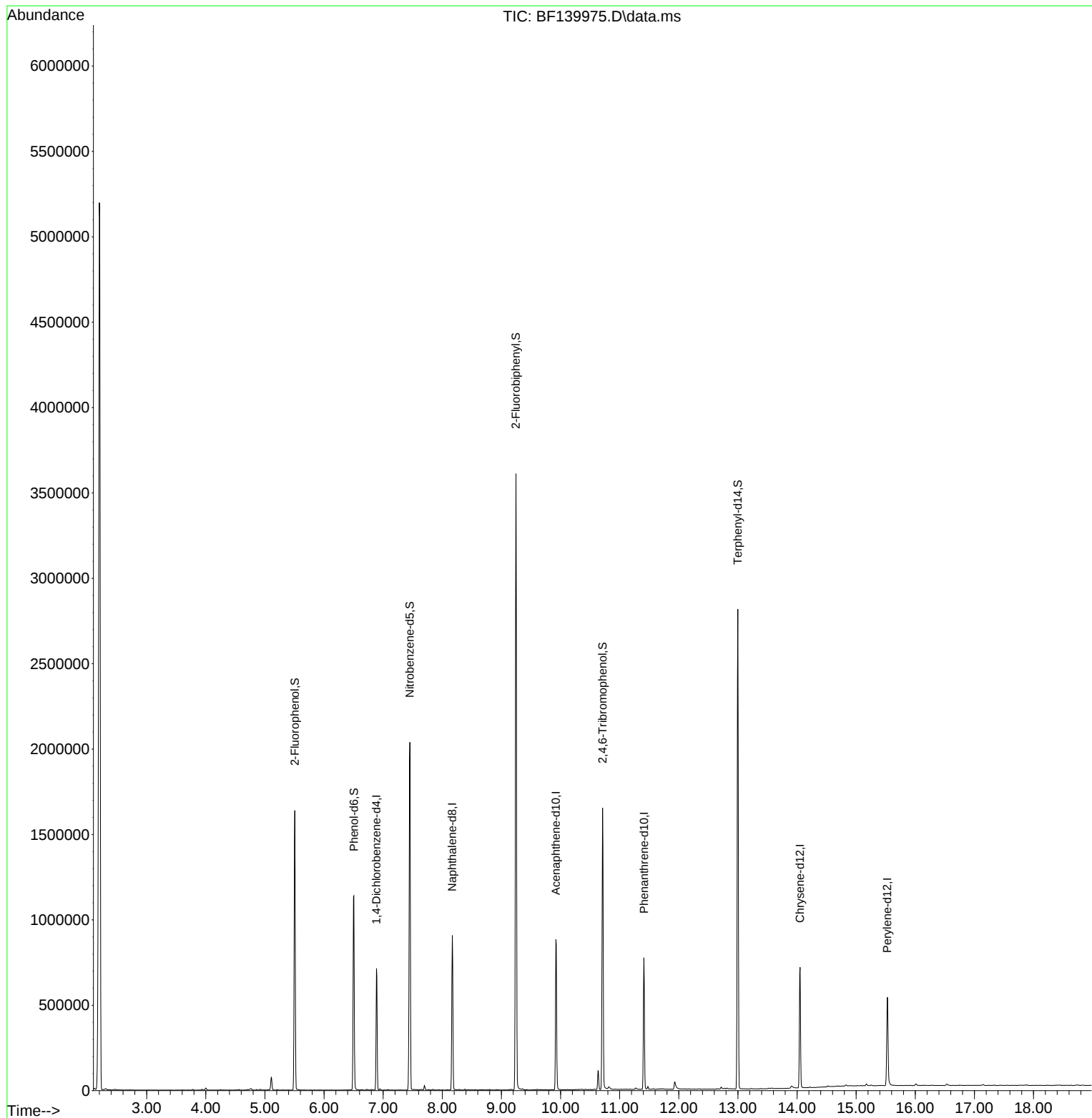
Target Compounds	Qvalue

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

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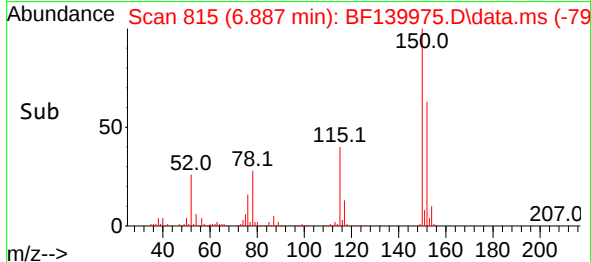
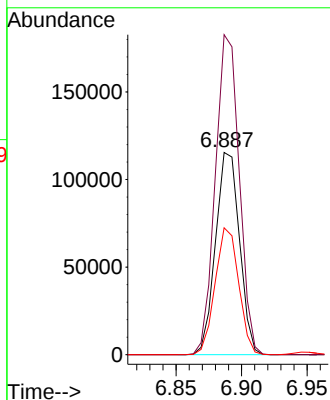
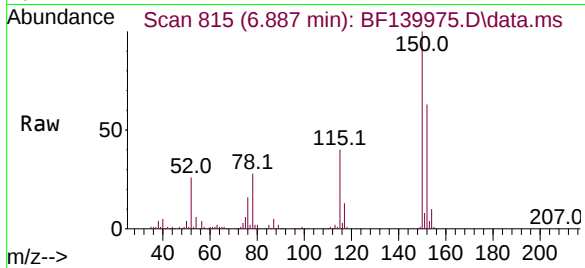




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

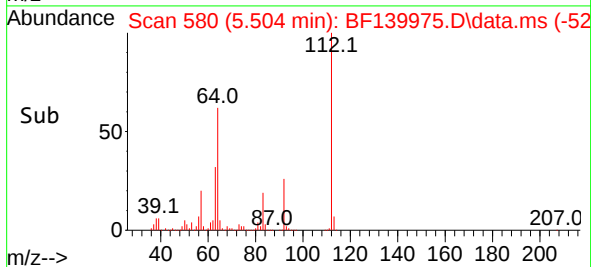
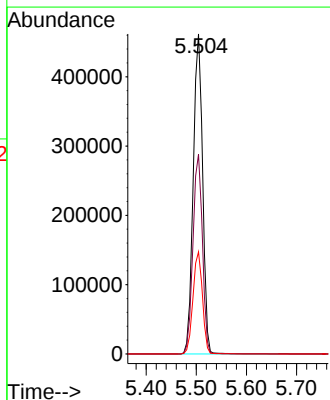
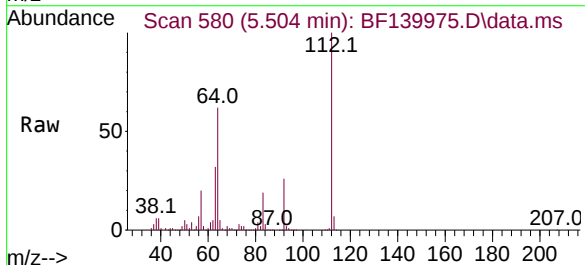
Instrument :
BNA_F
ClientSampleId :
WB-301-SW

Tgt Ion:152 Resp: 146831
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 62.8 51.4 77.2



#5
2-Fluorophenol
Concen: 63.797 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion:112 Resp: 598372
Ion Ratio Lower Upper
112 100
64 62.4 53.0 79.6
63 31.9 27.0 40.4

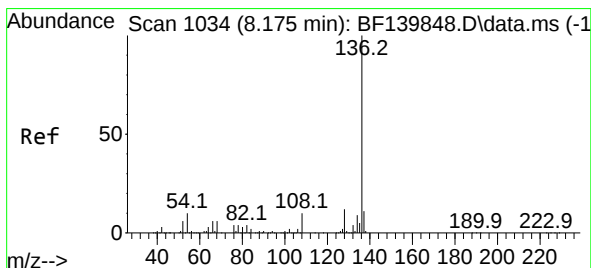
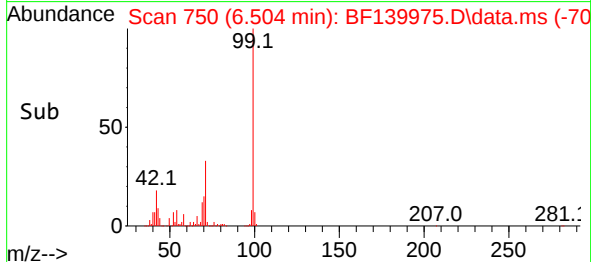
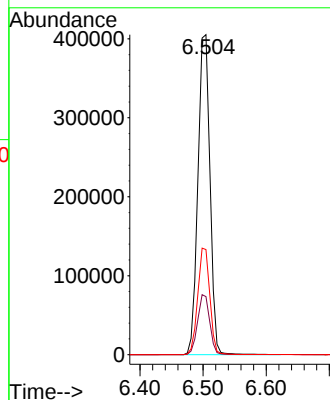
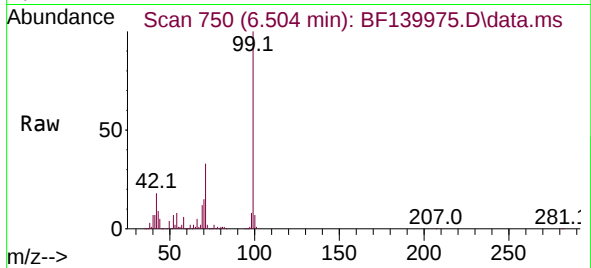




#7
Phenol-d6
Concen: 44.199 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

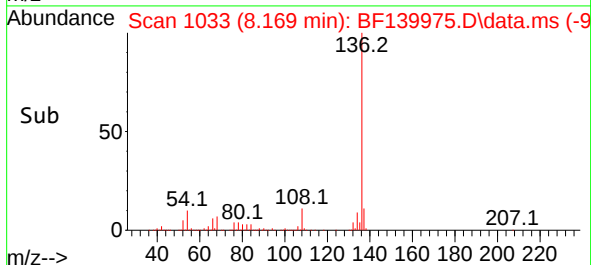
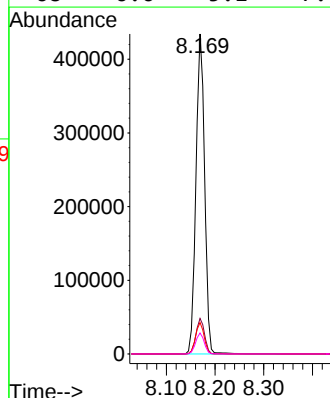
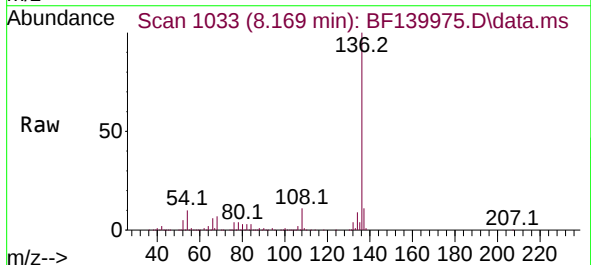
Instrument :
BNA_F
ClientSampleId :
WB-301-SW

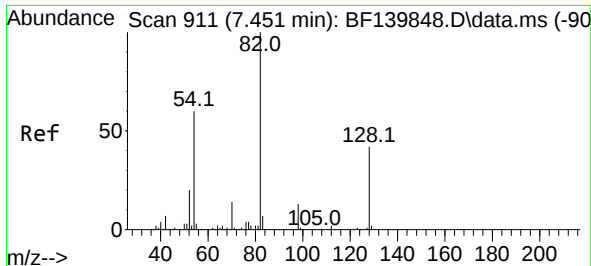
Tgt Ion: 99 Resp: 536909
Ion Ratio Lower Upper
99 100
42 18.1 16.7 25.1
71 32.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion: 136 Resp: 541523
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 8.4 12.6
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 96.882 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

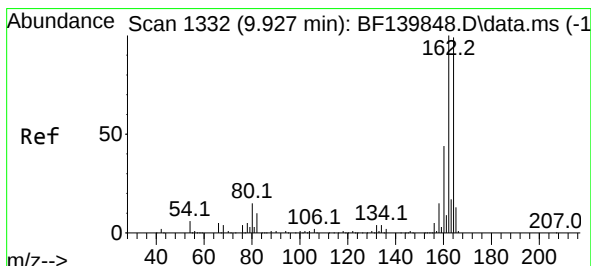
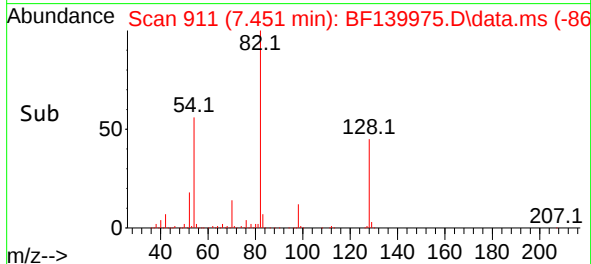
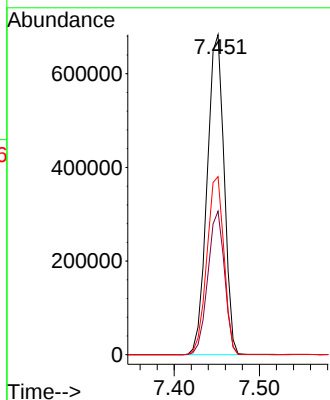
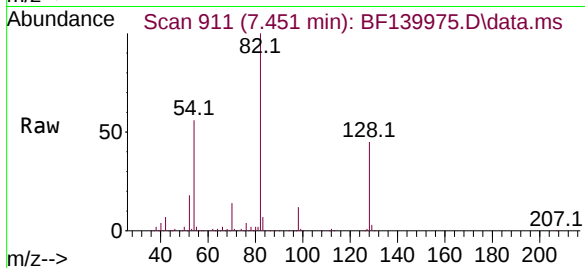
Tgt Ion: 82 Resp: 946599

Ion Ratio Lower Upper

82 100

128 44.9 33.4 50.0

54 55.6 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: BF139975.D

Acq: 23 Oct 2024 20:22

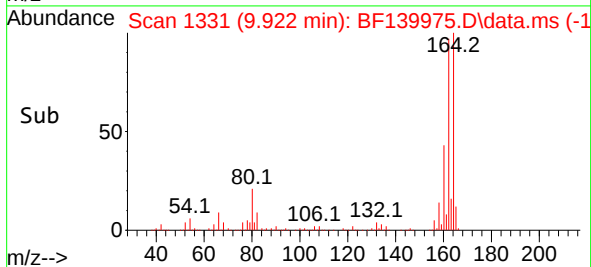
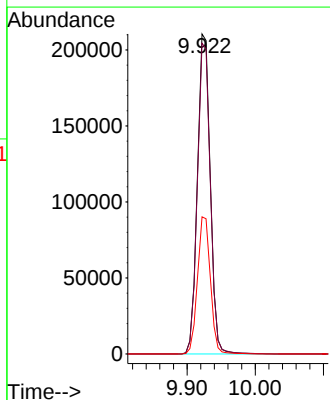
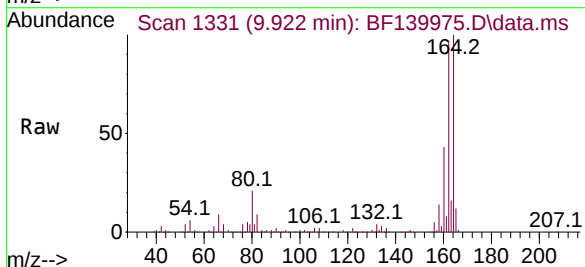
Tgt Ion:164 Resp: 276437

Ion Ratio Lower Upper

164 100

162 97.1 81.0 121.4

160 42.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 112.489 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

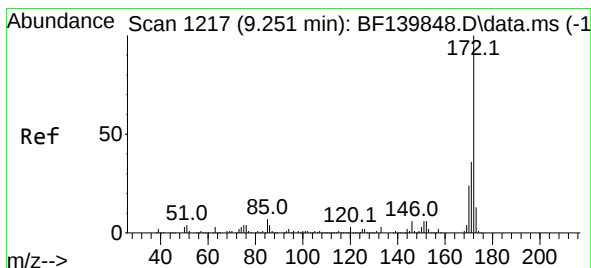
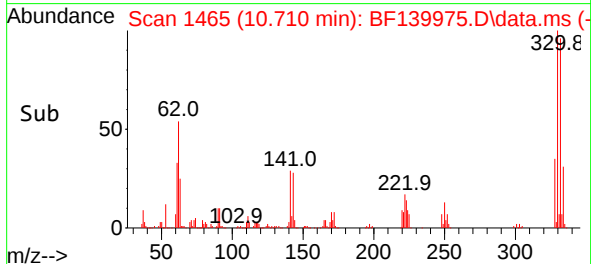
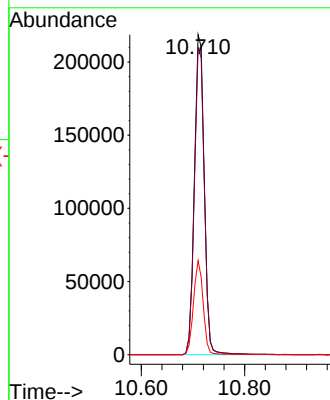
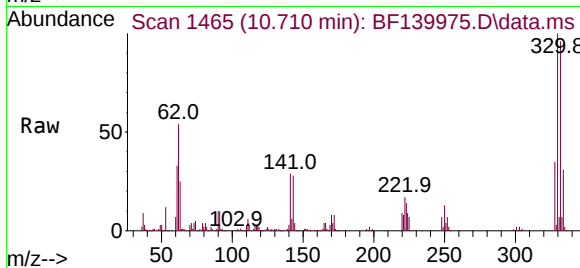
Tgt Ion:330 Resp: 290864

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 28.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 95.659 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

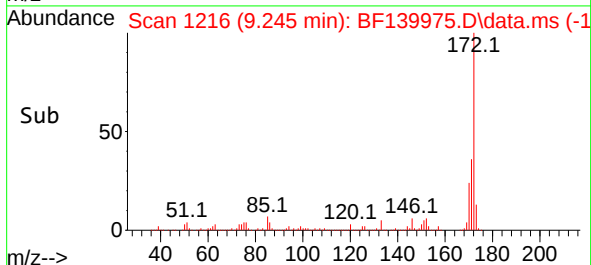
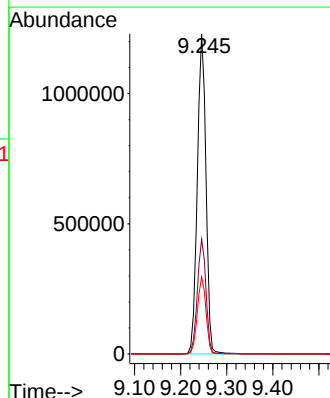
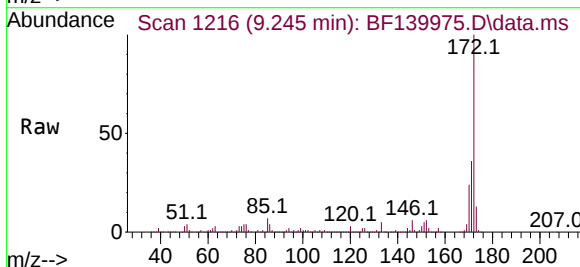
Tgt Ion:172 Resp: 1600028

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 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: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

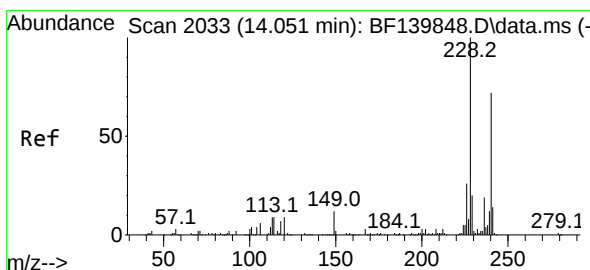
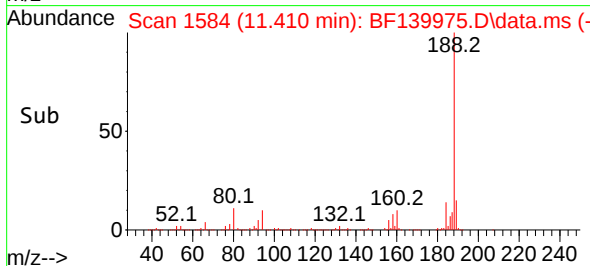
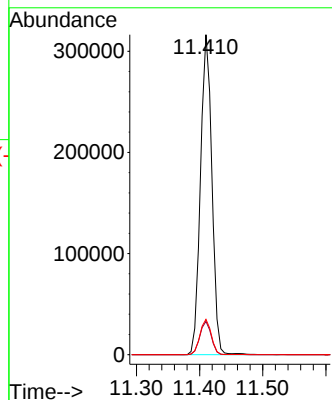
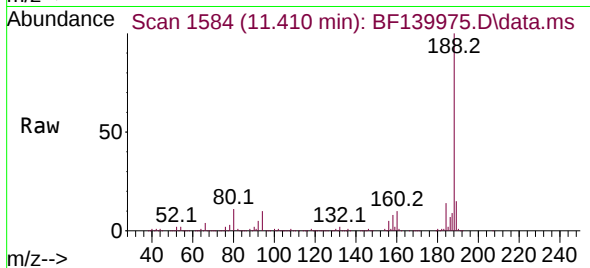
Tgt Ion:188 Resp: 397037

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.0 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: BF139975.D

Acq: 23 Oct 2024 20:22

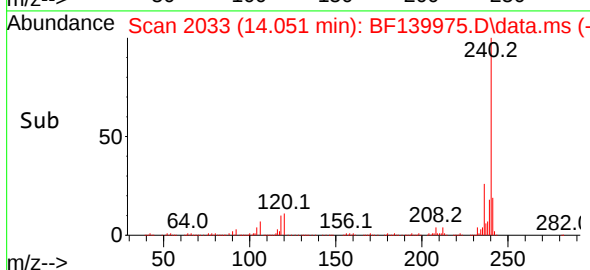
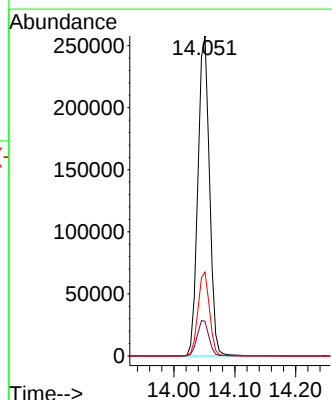
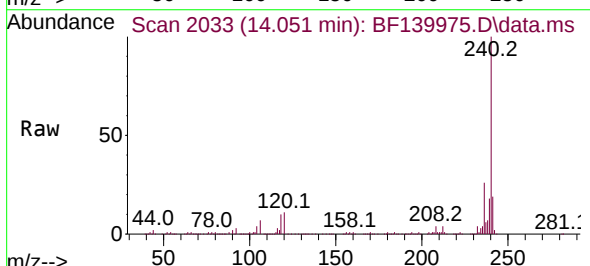
Tgt Ion:240 Resp: 340671

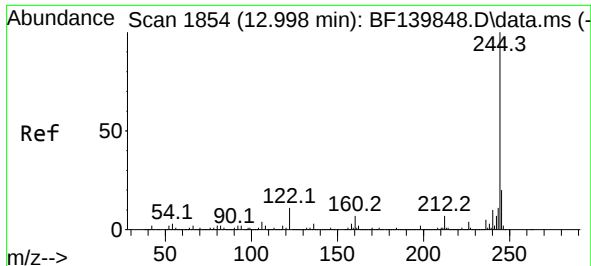
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.2 20.9 31.3

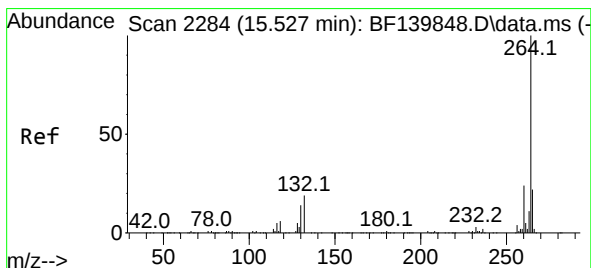
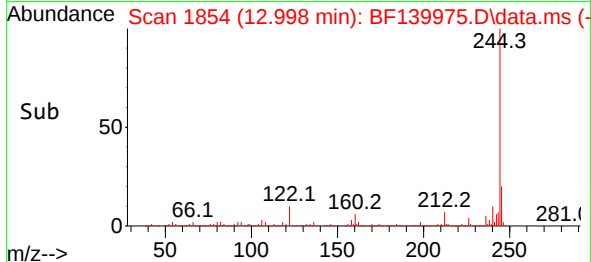
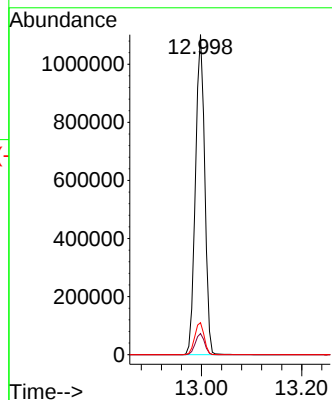
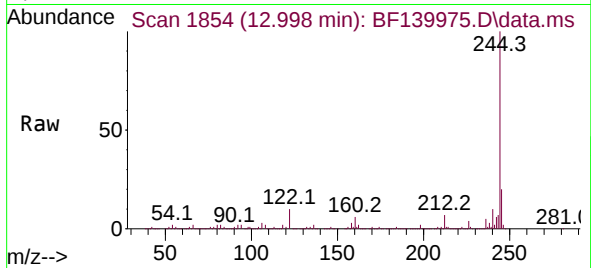




#79
 Terphenyl-d14
 Concen: 67.257 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139975.D
 Acq: 23 Oct 2024 20:22

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-SW

Tgt Ion:244 Resp: 1406116
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.0 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: BF139975.D
 Acq: 23 Oct 2024 20:22

Tgt Ion:264 Resp: 311683
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.2 17.4 26.0

