

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139985.D
Acq On : 24 Oct 2024 01:08
Operator : RC/JU
Sample : P4473-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

Quant Time: Oct 24 03:14:53 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	6.892	152	122079	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419562	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	193817	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	323002	20.000	ng	0.00
76) Chrysene-d12	14.051	240	307625	20.000	ng	0.00
86) Perylene-d12	15.527	264	232454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	590424	75.713	ng	0.00
7) Phenol-d6	6.504	99	715473	70.840	ng	0.00
23) Nitrobenzene-d5	7.445	82	467101	61.703	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	145021	79.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	698531	59.564	ng	0.00
79) Terphenyl-d14	12.998	244	664804	35.214	ng	0.00

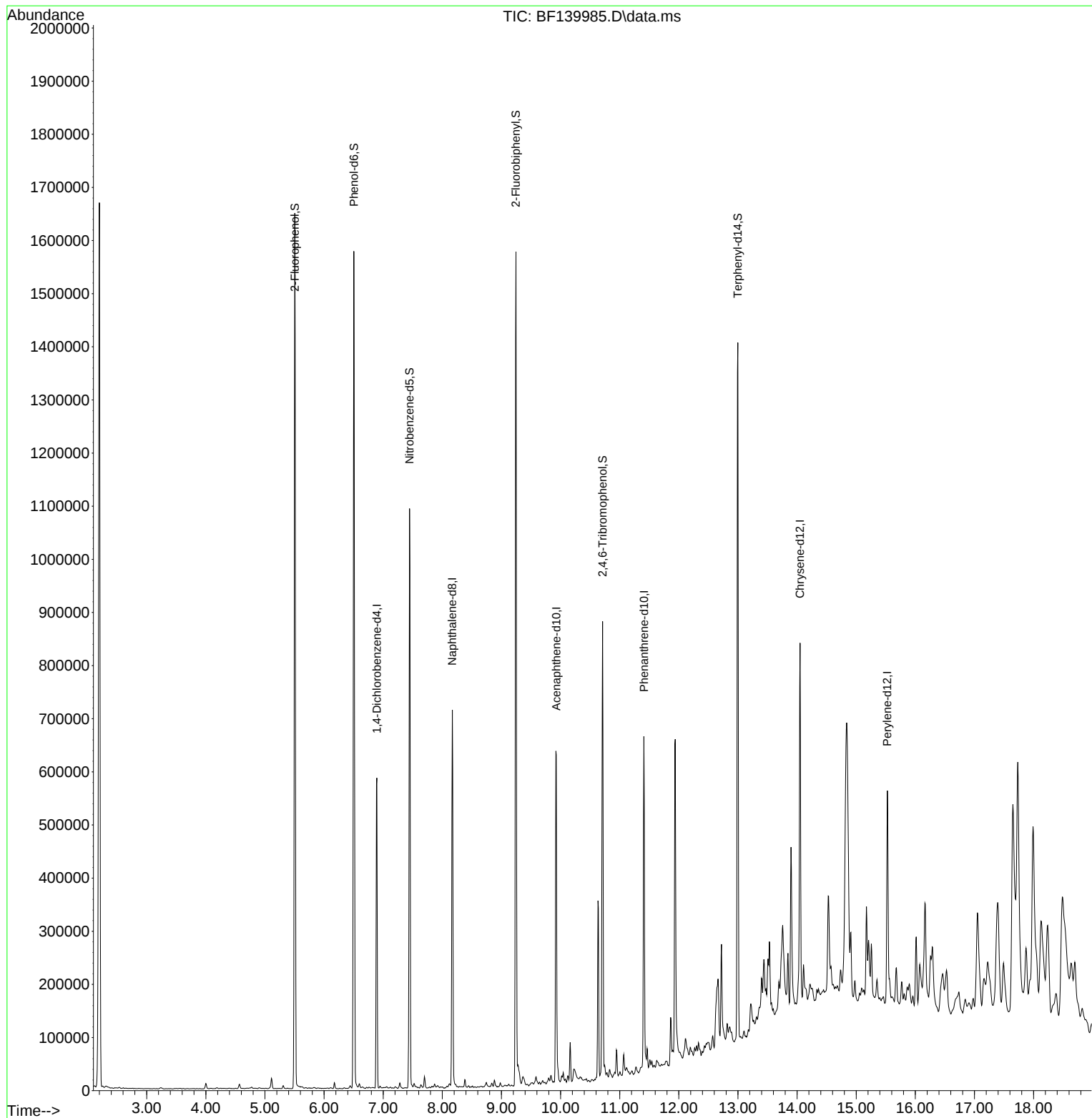
Target Compounds	Qvalue

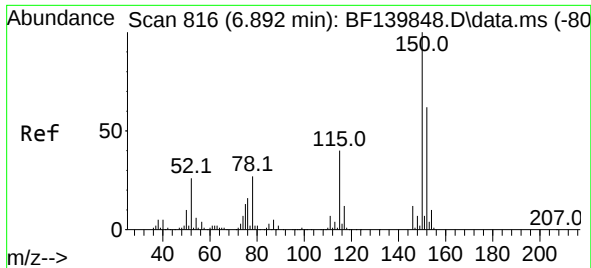
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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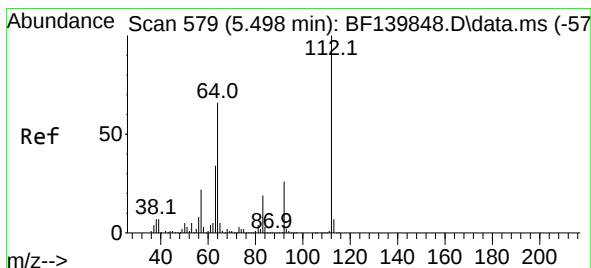
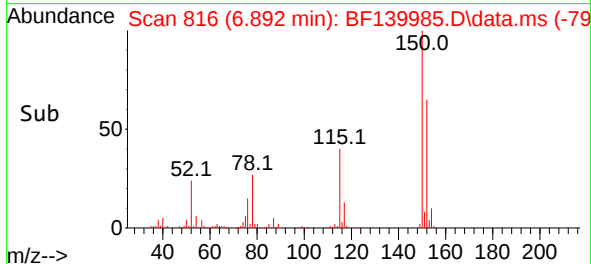
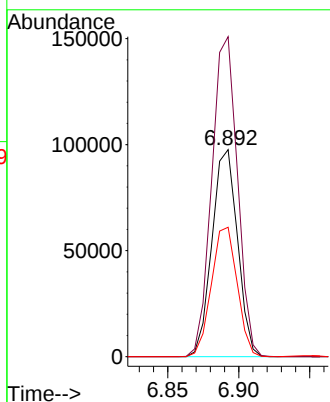
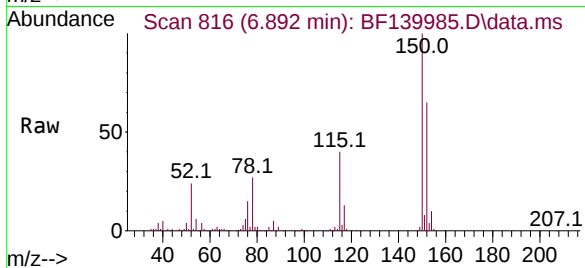




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

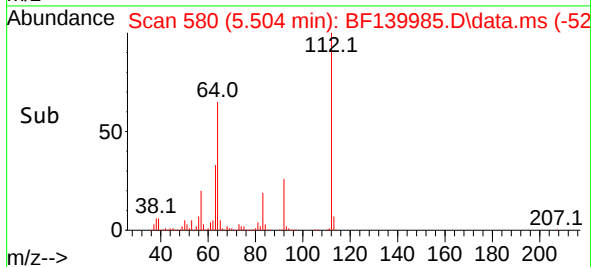
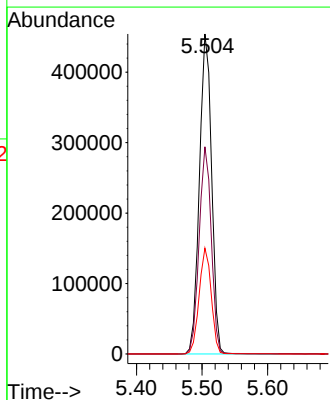
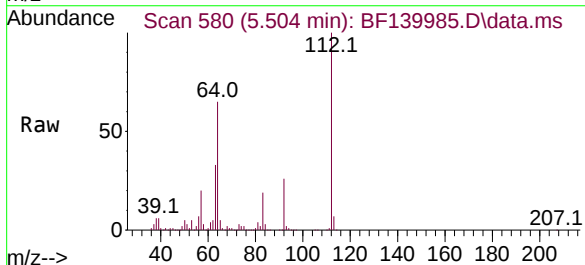
Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:152 Resp: 122079
Ion Ratio Lower Upper
152 100
150 154.5 130.2 195.2
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 75.713 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:112 Resp: 590424
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.0 27.0 40.4

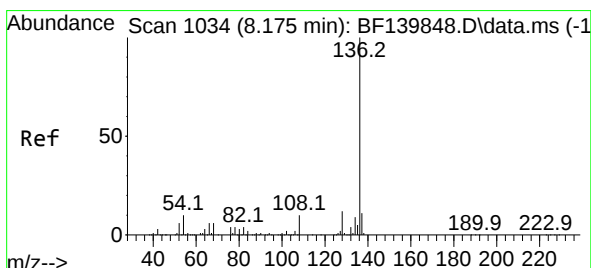
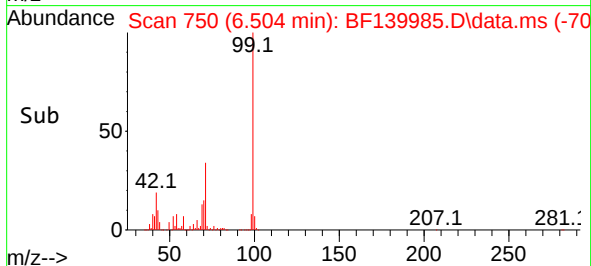
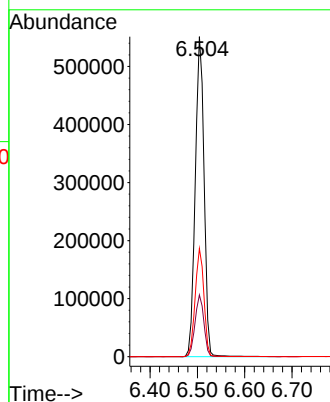
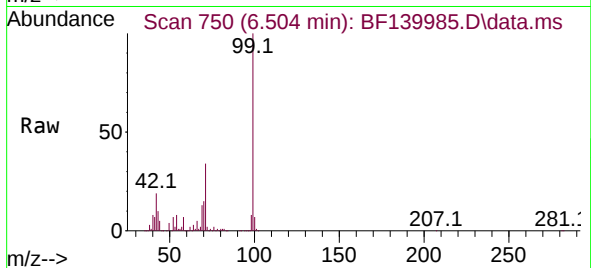




#7
Phenol-d6
Concen: 70.840 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

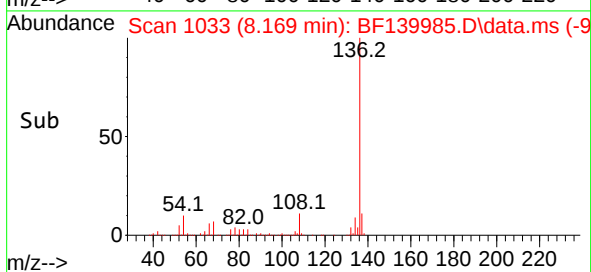
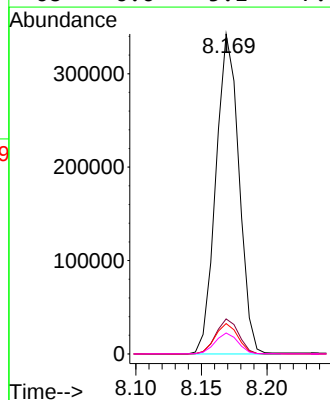
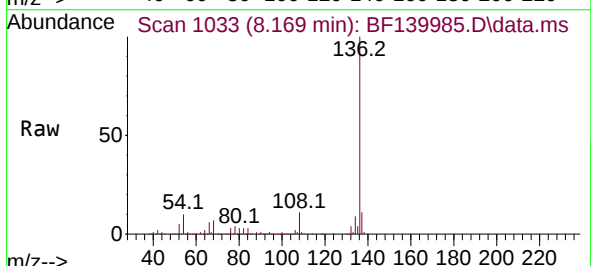
Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion: 99 Resp: 715473
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 33.8 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: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion: 136 Resp: 419562
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 61.703 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

TS-1

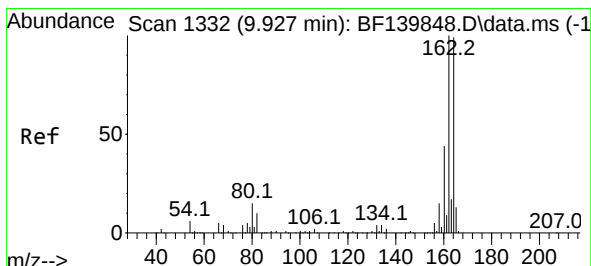
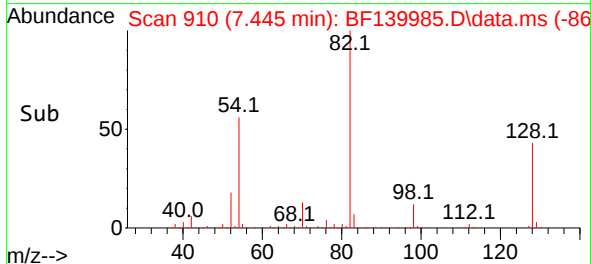
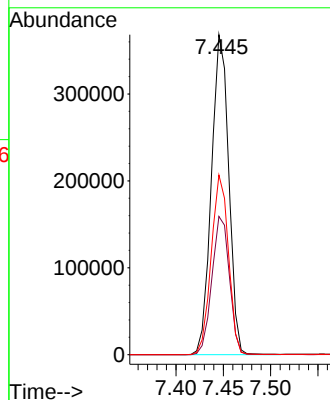
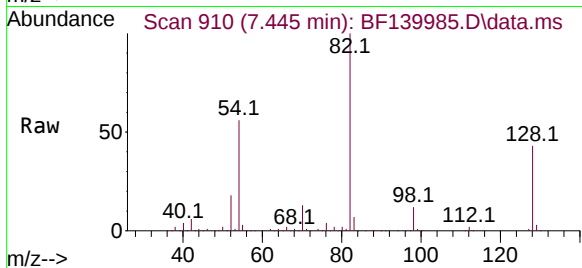
Tgt Ion: 82 Resp: 467101

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 56.1 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

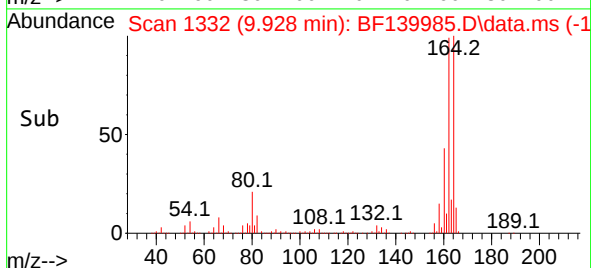
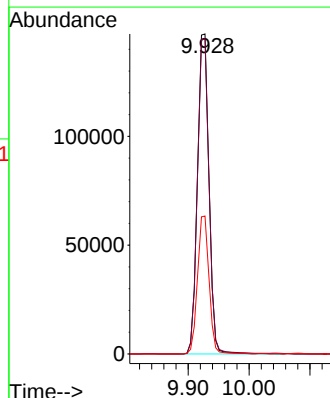
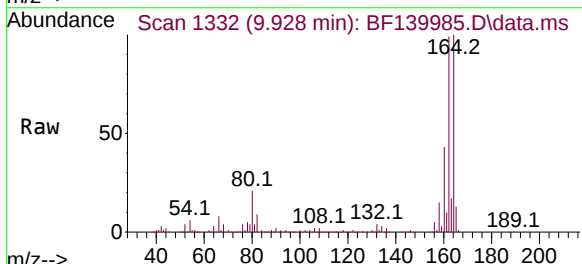
Tgt Ion:164 Resp: 193817

Ion Ratio Lower Upper

164 100

162 98.5 81.0 121.4

160 43.1 35.4 53.0

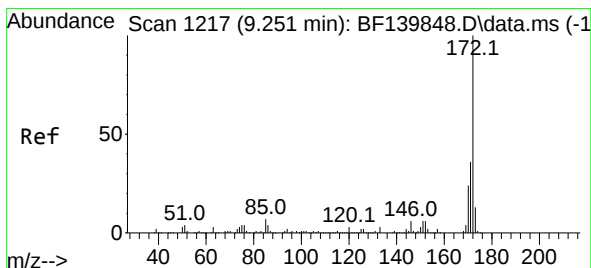
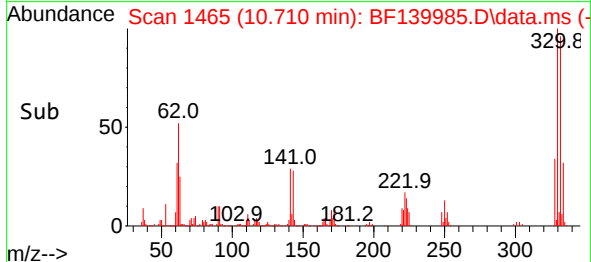
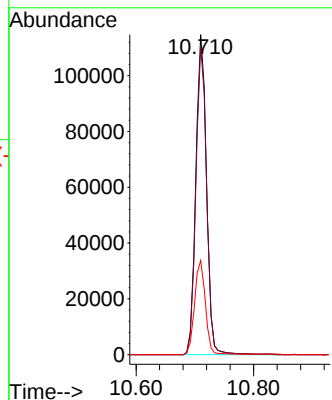
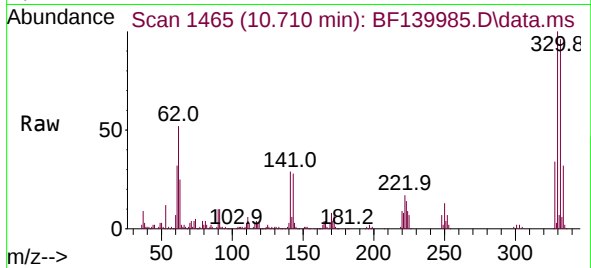




#42
2,4,6-Tribromophenol
Concen: 79.994 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

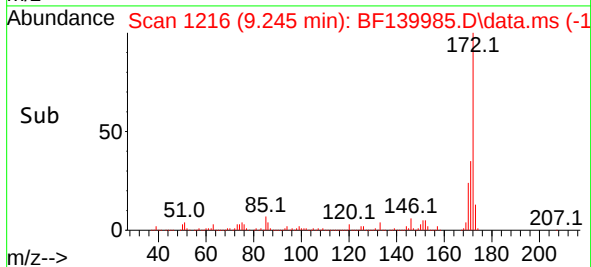
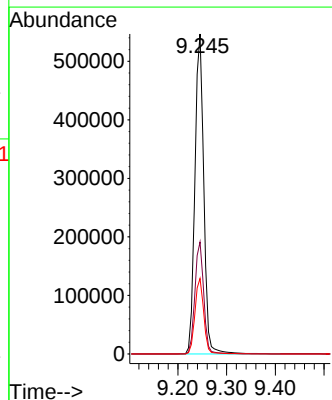
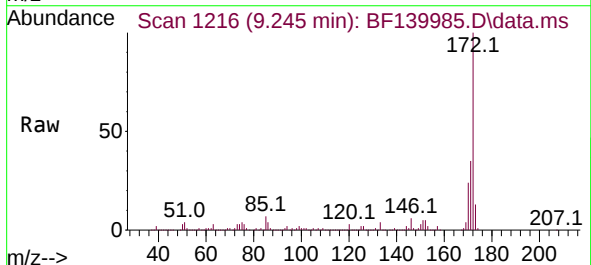
Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:330 Resp: 145021
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 29.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:172 Resp: 698531
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 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: BF139985.D

Acq: 24 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

TS-1

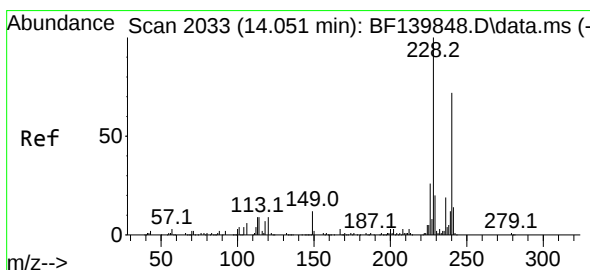
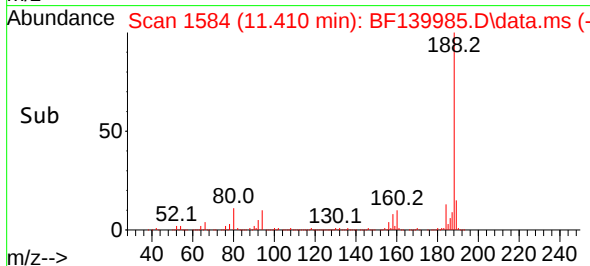
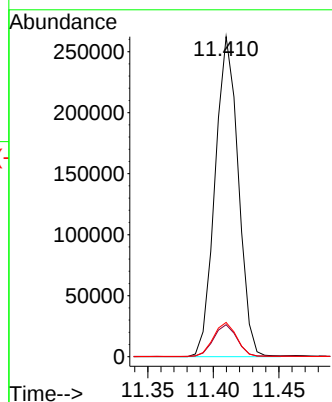
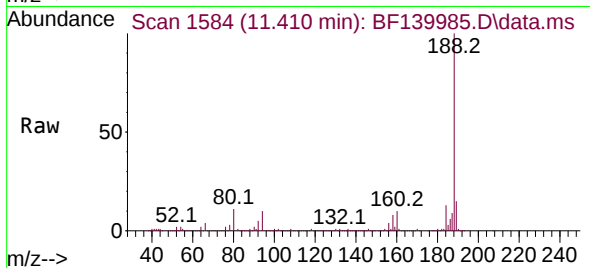
Tgt Ion:188 Resp: 323002

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.7 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: BF139985.D

Acq: 24 Oct 2024 01:08

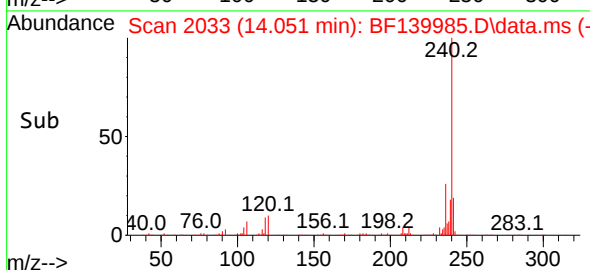
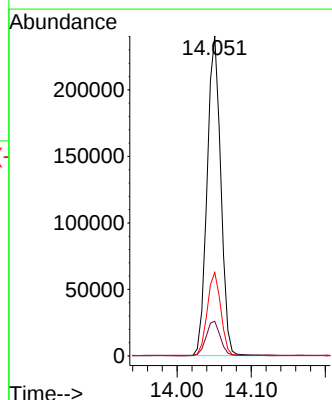
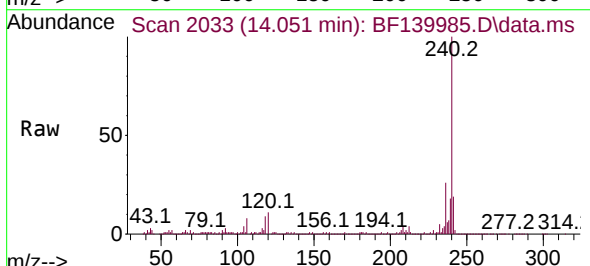
Tgt Ion:240 Resp: 307625

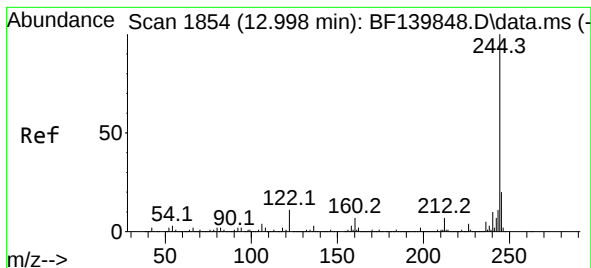
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 35.214 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

TS-1

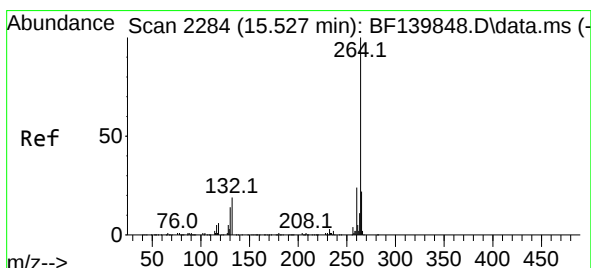
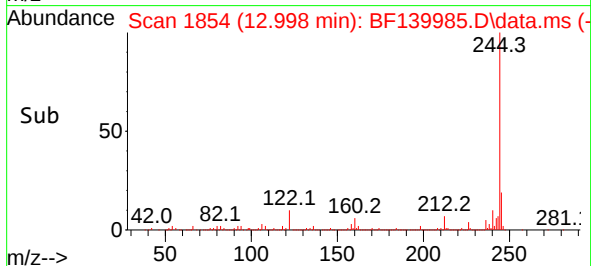
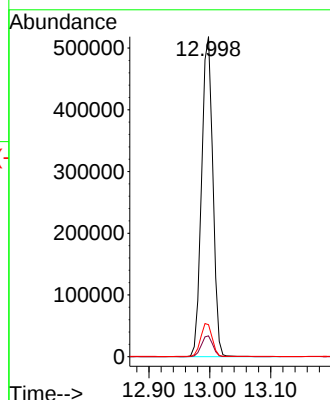
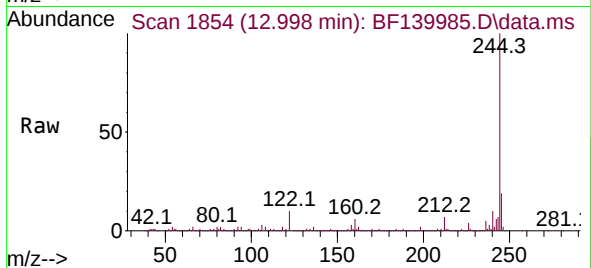
Tgt Ion:244 Resp: 664804

Ion Ratio Lower Upper

244 100

212 6.5 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: BF139985.D

Acq: 24 Oct 2024 01:08

Tgt Ion:264 Resp: 232454

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.9 17.4 26.0

