

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139870.D
 Acq On : 19 Oct 2024 14:31
 Operator : RC/JU
 Sample : P4426-37
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL

Quant Time: Oct 21 01:40:12 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	190163	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745893	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	402060	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	639889	20.000	ng	0.00
76) Chrysene-d12	14.051	240	370008	20.000	ng	0.00
86) Perylene-d12	15.527	264	387887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	512448	42.187	ng	0.00
7) Phenol-d6	6.498	99	725432	46.110	ng	-0.01
23) Nitrobenzene-d5	7.445	82	557602	41.433	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140825	37.446	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1100995	45.257	ng	0.00
79) Terphenyl-d14	12.998	244	910213	40.085	ng	0.00

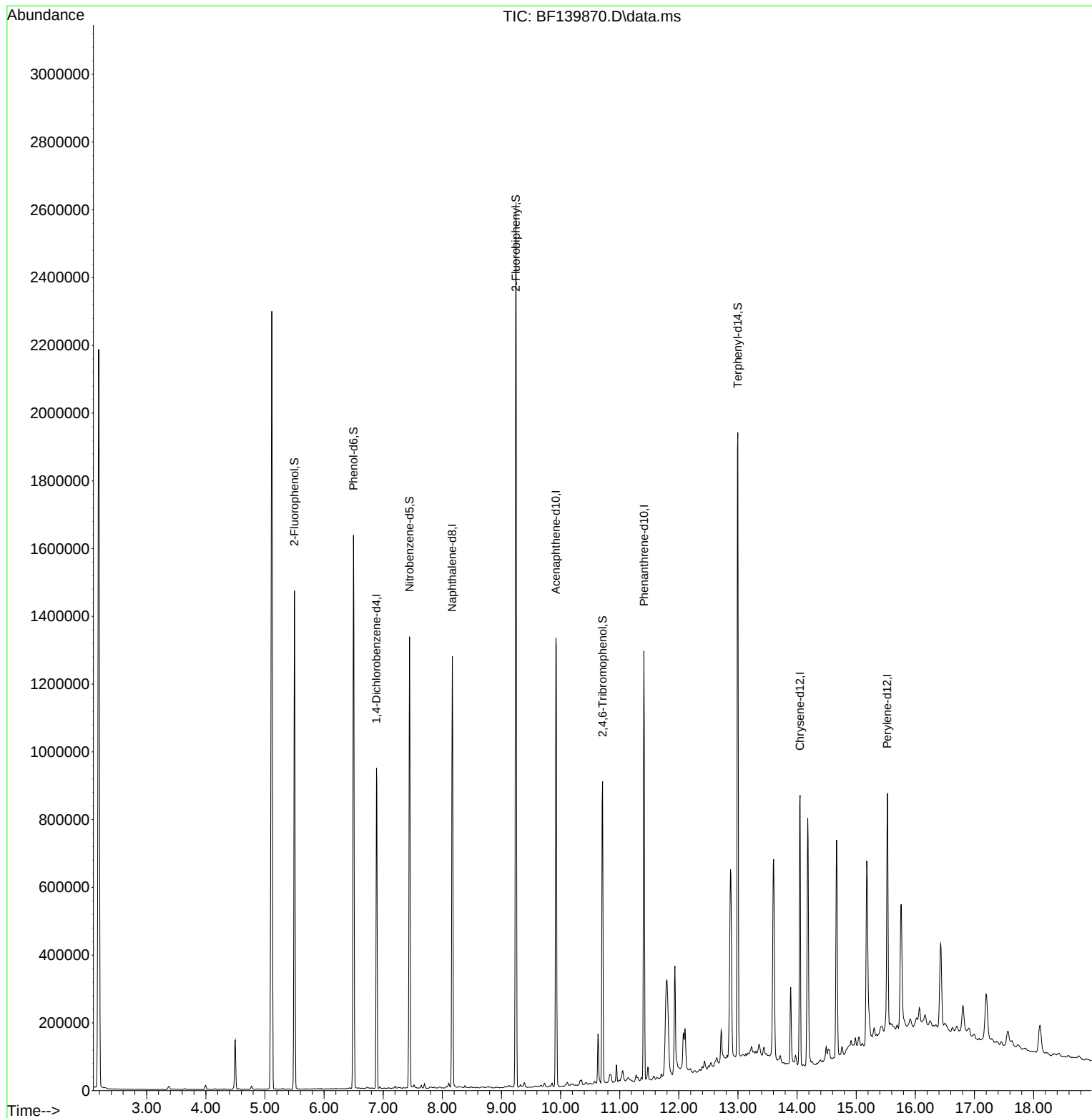
Target Compounds	Qvalue

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

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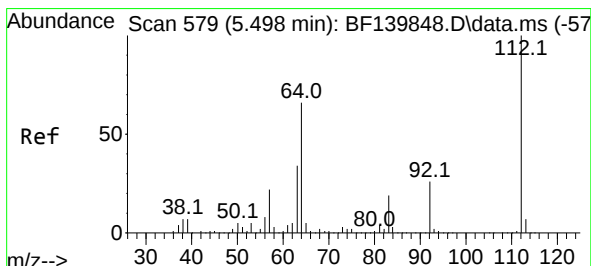
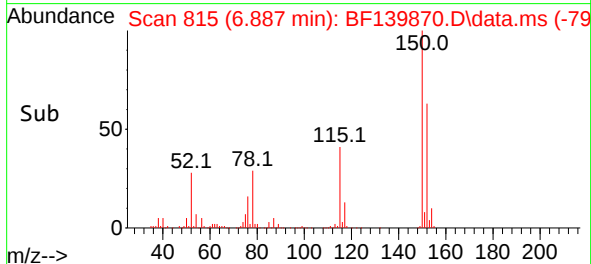
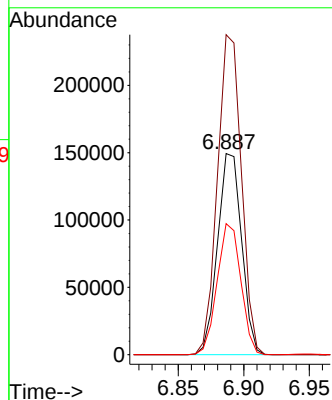
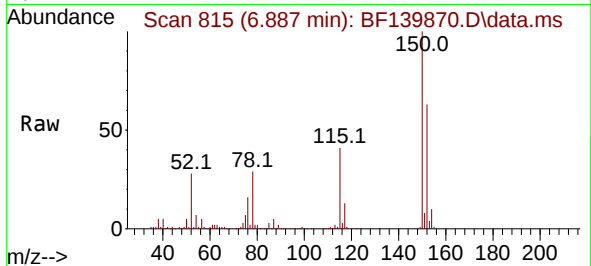




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

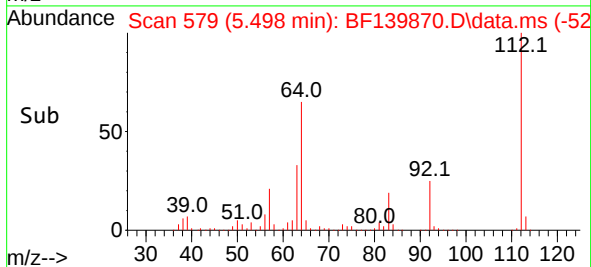
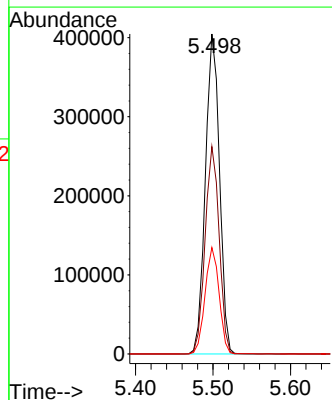
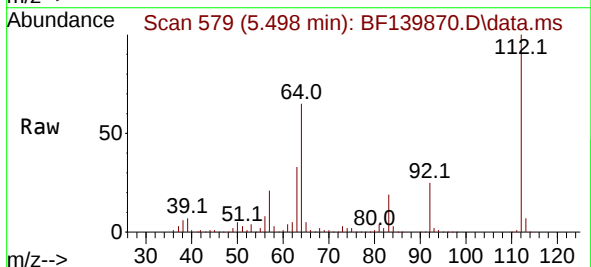
Instrument :
BNA_F
ClientSampleId :
WALL

Tgt Ion:152 Resp: 190163
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 42.187 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion:112 Resp: 512448
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.3 27.0 40.4

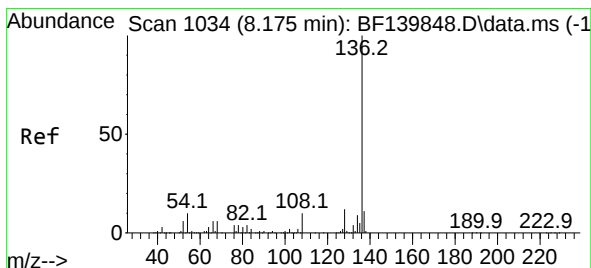
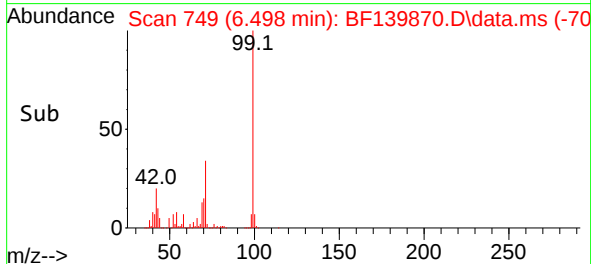
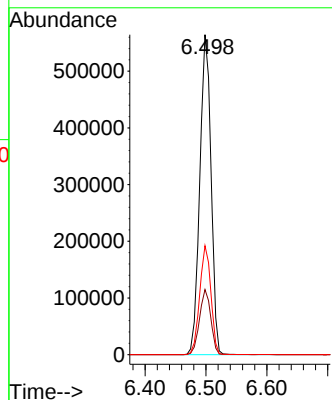
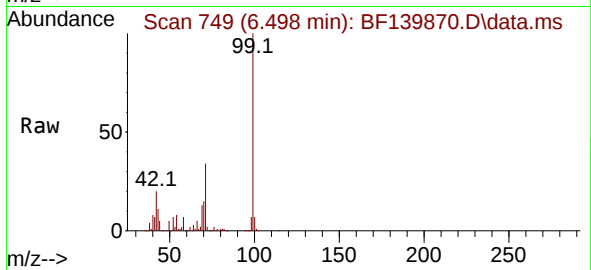




#7
Phenol-d6
Concen: 46.110 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

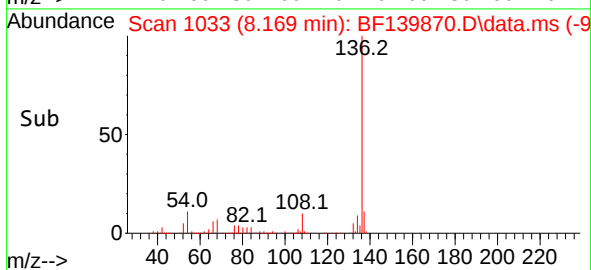
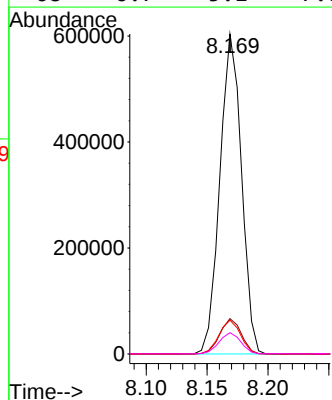
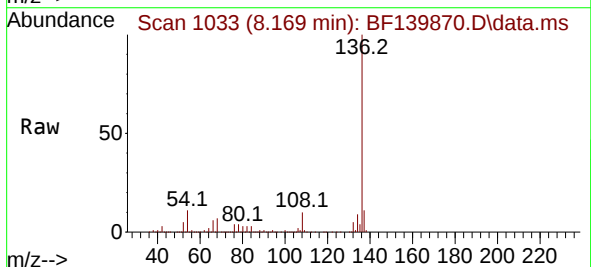
Instrument :
BNA_F
ClientSampleId :
WALL

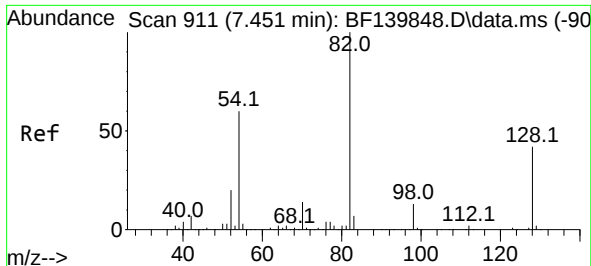
Tgt Ion: 99 Resp: 725432
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion: 136 Resp: 745893
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.7 5.1 7.7

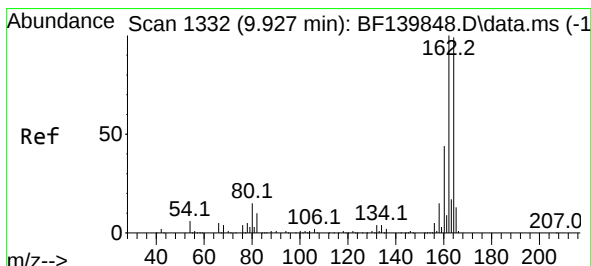
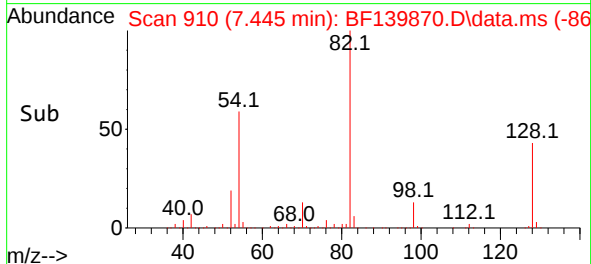
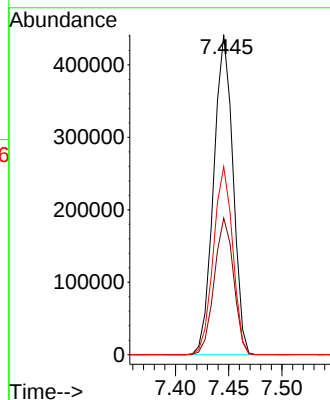
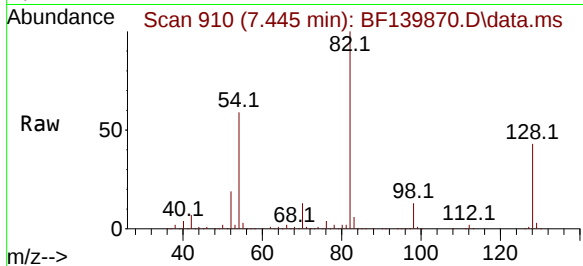




#23
Nitrobenzene-d5
Concen: 41.433 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

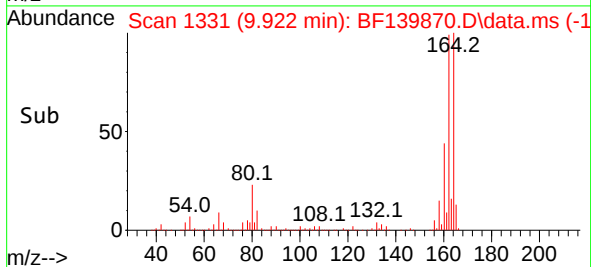
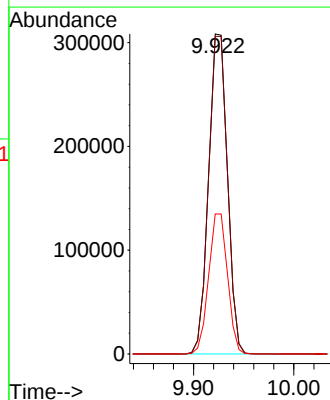
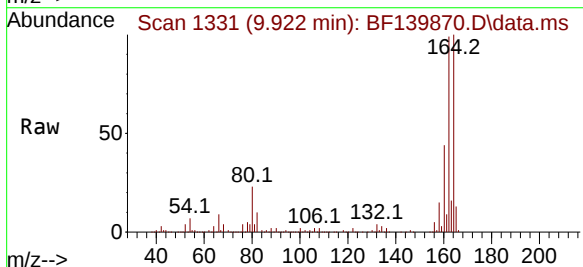
Instrument :
BNA_F
ClientSampleId :
WALL

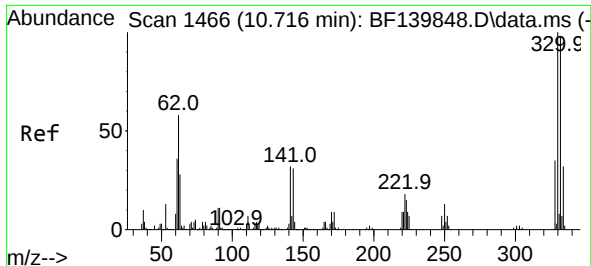
Tgt Ion: 82 Resp: 557602
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 58.7 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139870.D
Acq: 19 Oct 2024 14:31

Tgt Ion:164 Resp: 402060
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 37.446 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139870.D

Acq: 19 Oct 2024 14:31

Instrument :

BNA_F

ClientSampleId :

WALL

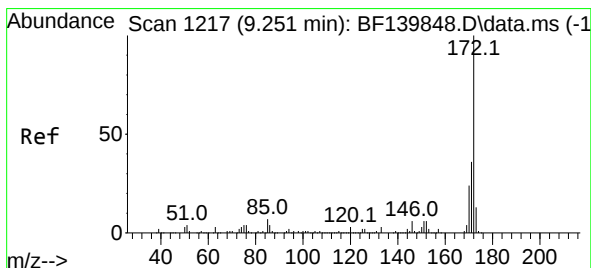
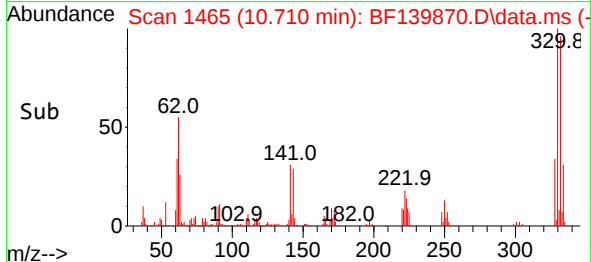
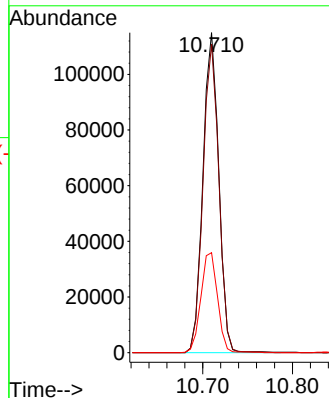
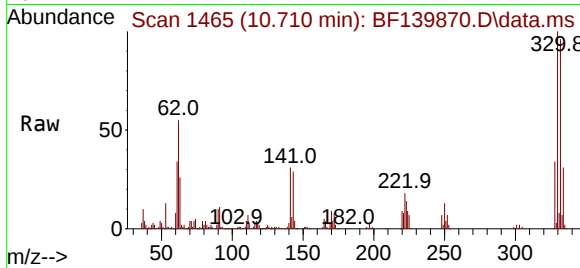
Tgt Ion:330 Resp: 140825

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 45.257 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139870.D

Acq: 19 Oct 2024 14:31

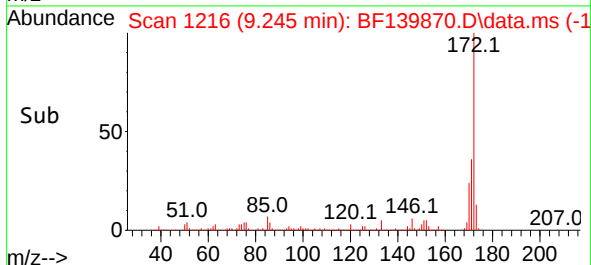
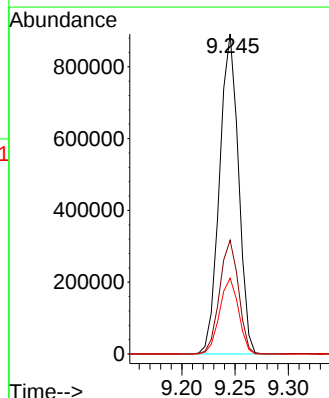
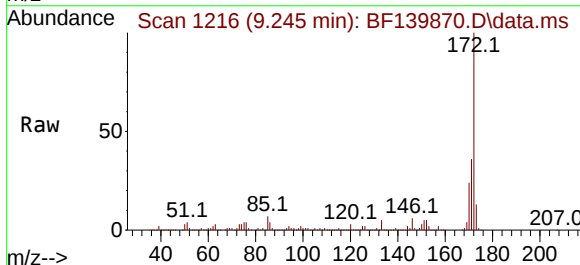
Tgt Ion:172 Resp: 1100995

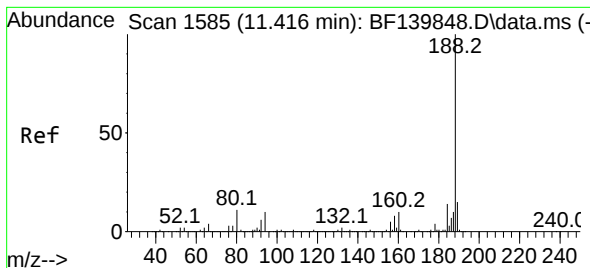
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139870.D

Acq: 19 Oct 2024 14:31

Instrument :

BNA_F

ClientSampleId :

WALL

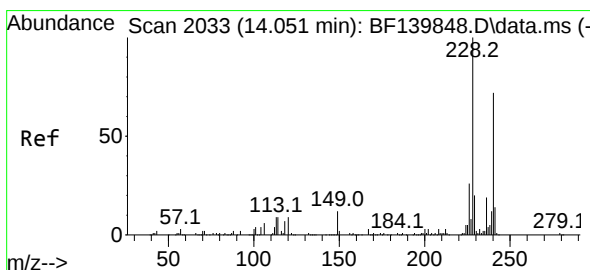
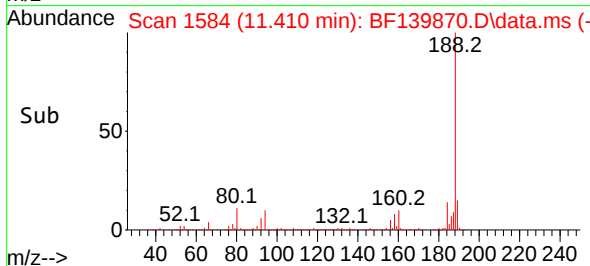
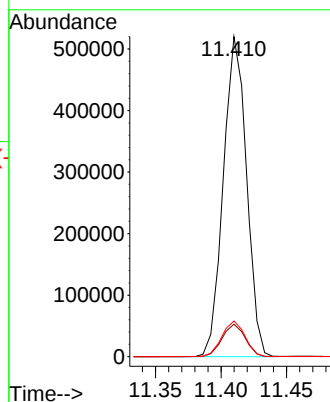
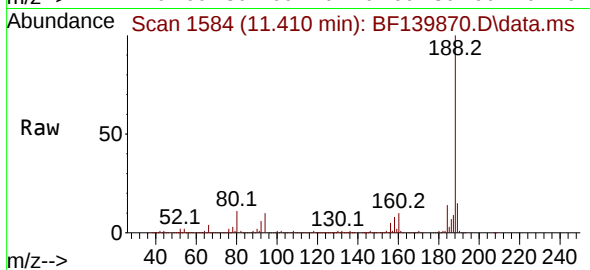
Tgt Ion:188 Resp: 639889

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.1 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: BF139870.D

Acq: 19 Oct 2024 14:31

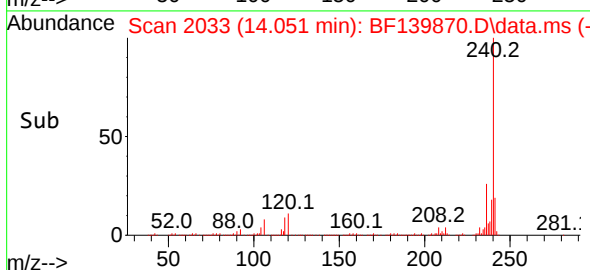
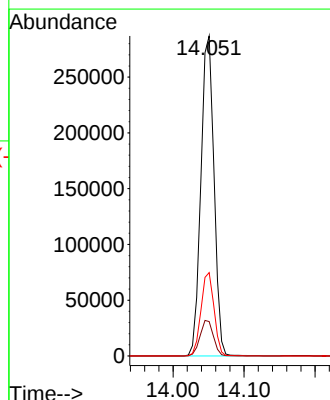
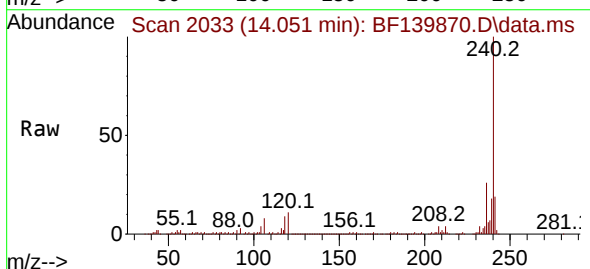
Tgt Ion:240 Resp: 370008

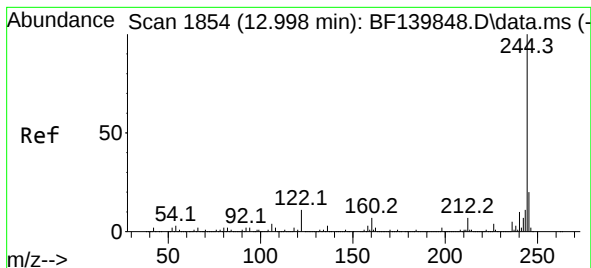
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 40.085 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139870.D

Acq: 19 Oct 2024 14:31

Instrument :

BNA_F

ClientSampleId :

WALL

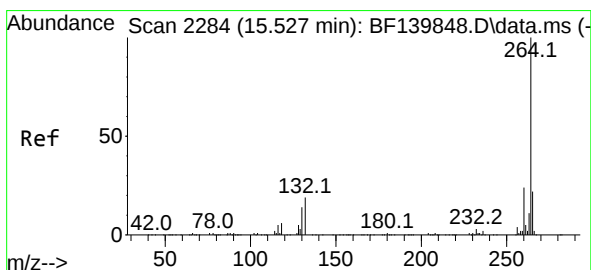
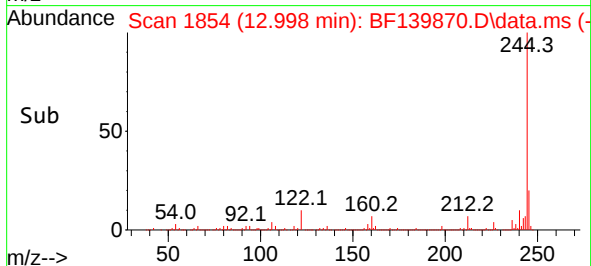
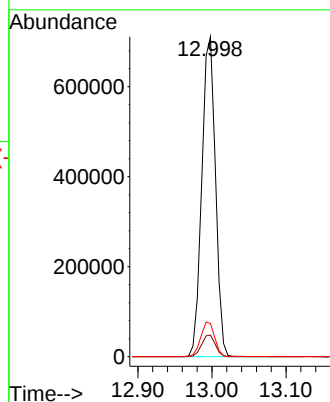
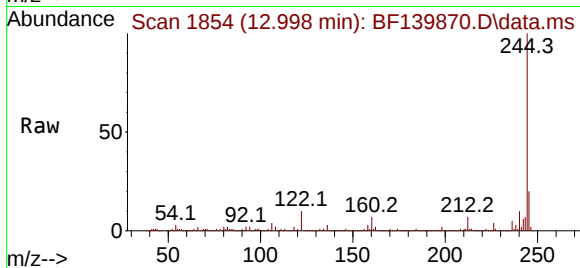
Tgt Ion:244 Resp: 910213

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.4 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: BF139870.D

Acq: 19 Oct 2024 14:31

Tgt Ion:264 Resp: 387887

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.3 17.4 26.0

