

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139973.D
 Acq On : 23 Oct 2024 19:25
 Operator : RC/JU
 Sample : P4468-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-345

Quant Time: Oct 24 01:11:38 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)

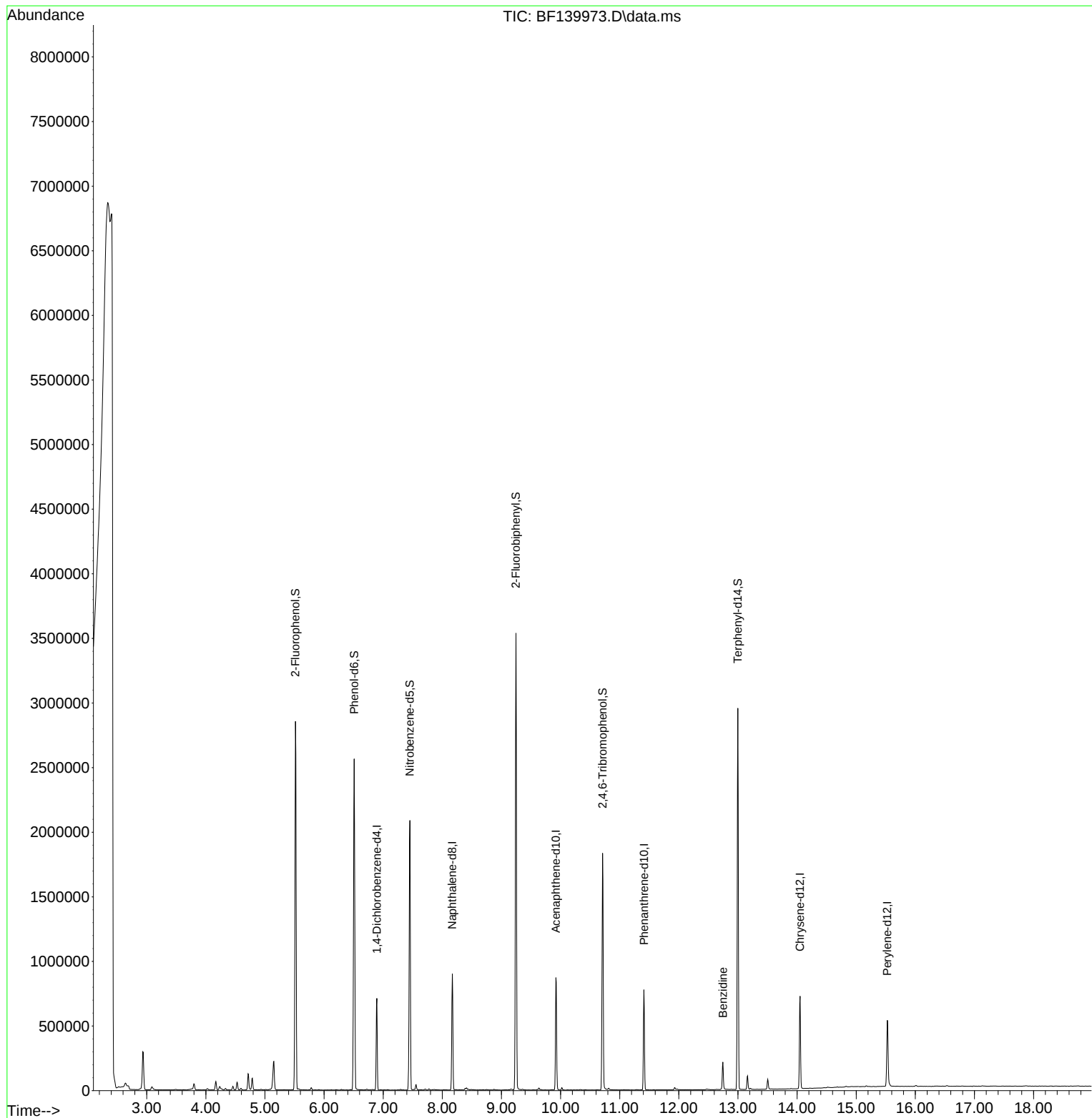
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	147918	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541314	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	268595	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	403583	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340738	20.000	ng	0.00
86) Perylene-d12	15.527	264	309184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1098393	116.248	ng	0.02
7) Phenol-d6	6.510	99	1252340	102.336	ng	0.00
23) Nitrobenzene-d5	7.451	82	962374	98.535	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	327504	130.357	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1575128	96.920	ng	0.00
79) Terphenyl-d14	12.998	244	1450770	69.379	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	117123	20.904	ng	Qvalue 99

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

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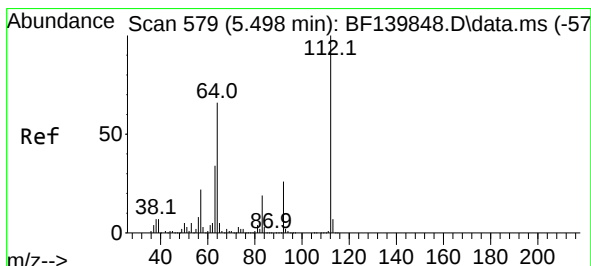
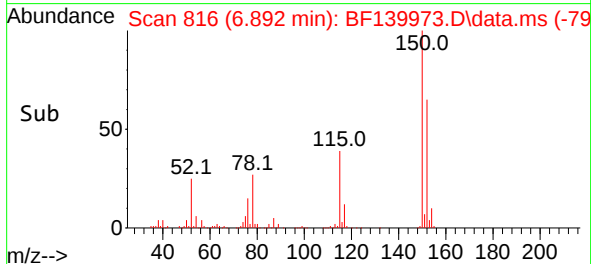
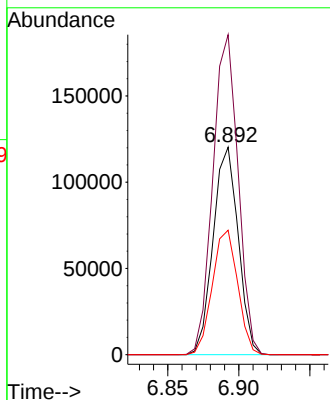
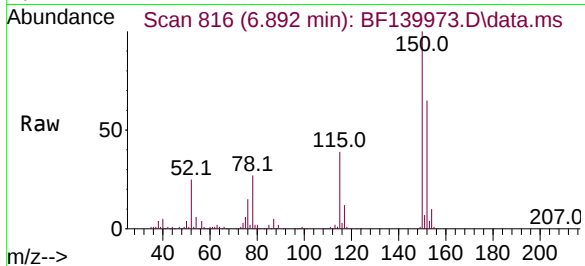




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

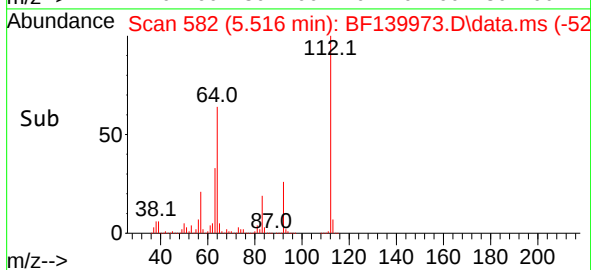
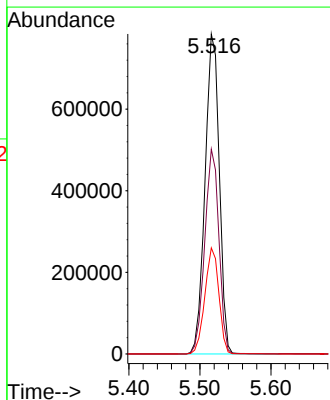
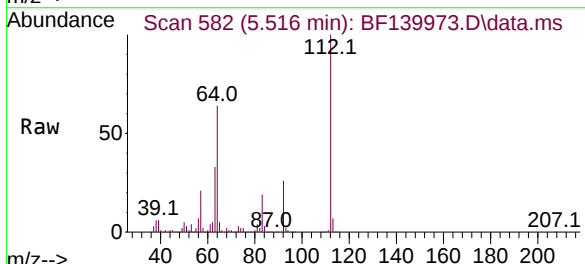
Instrument :
BNA_F
ClientSampleId :
ETGI-345

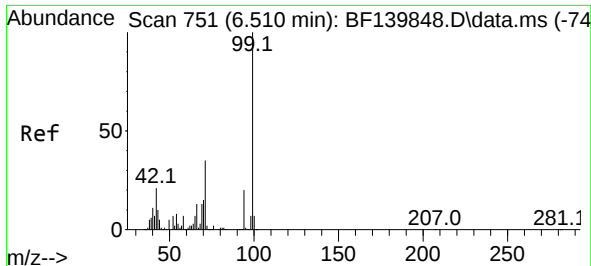
Tgt Ion:152 Resp: 147918
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 60.0 51.4 77.2



#5
2-Fluorophenol
Concen: 116.248 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:112 Resp: 1098393
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.2 27.0 40.4

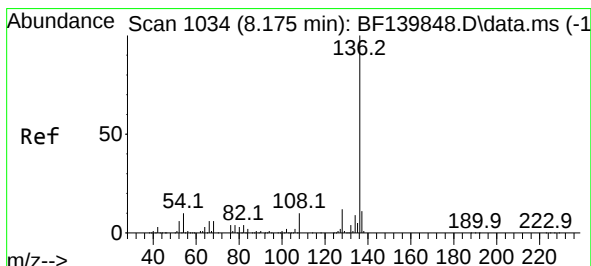
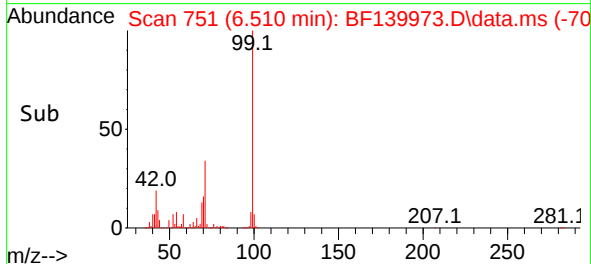
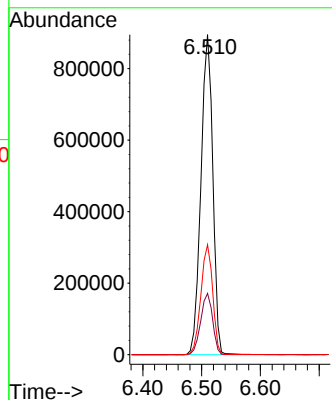
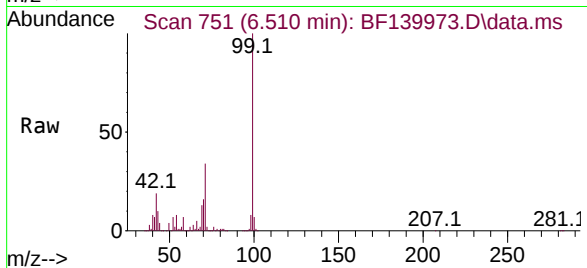




#7
Phenol-d6
Concen: 102.336 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

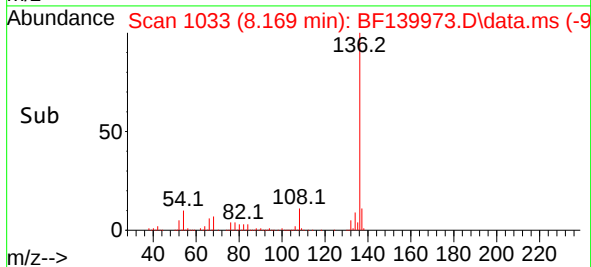
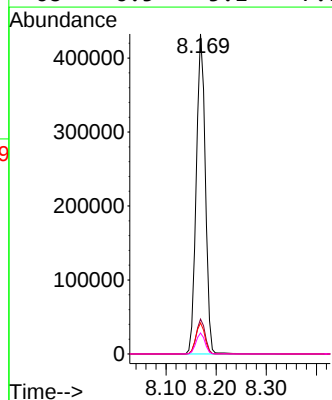
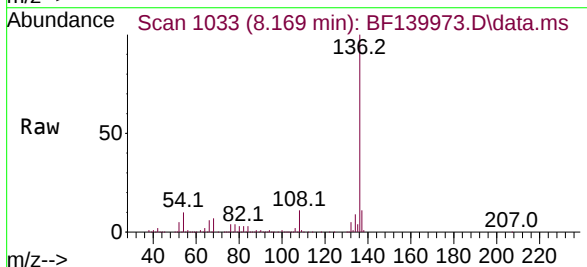
Instrument :
BNA_F
ClientSampleId :
ETGI-345

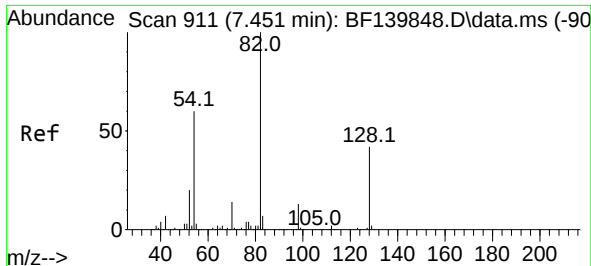
Tgt Ion: 99 Resp: 1252340
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion: 136 Resp: 541314
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.5 5.1 7.7

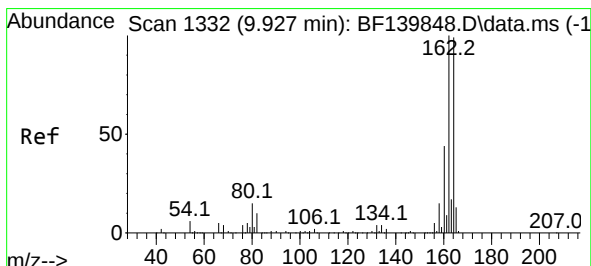
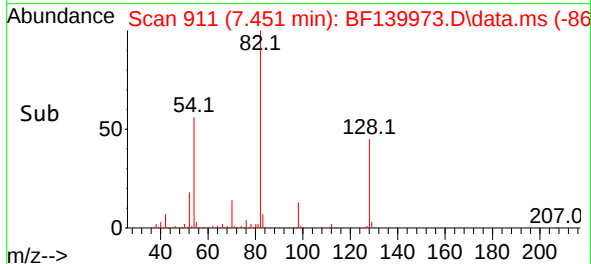
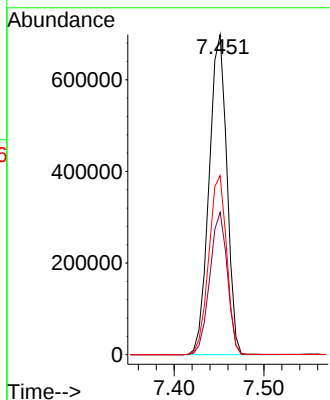
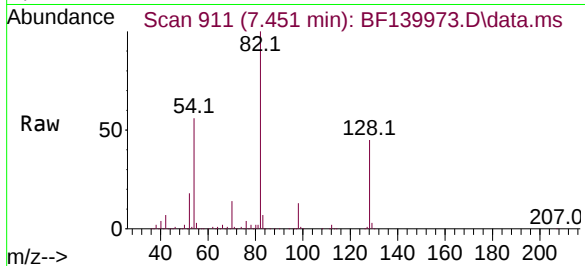




#23
Nitrobenzene-d5
Concen: 98.535 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

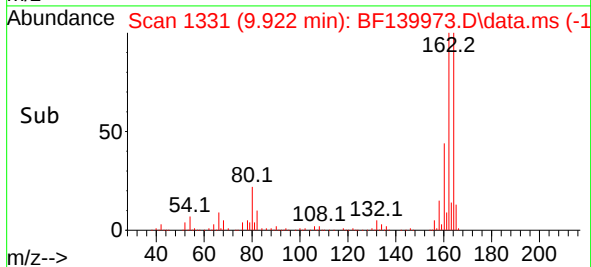
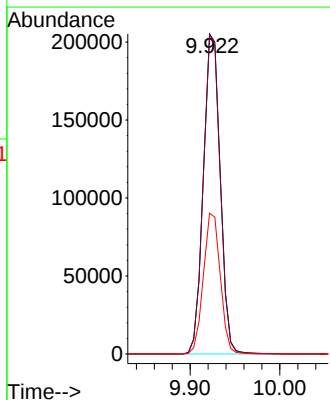
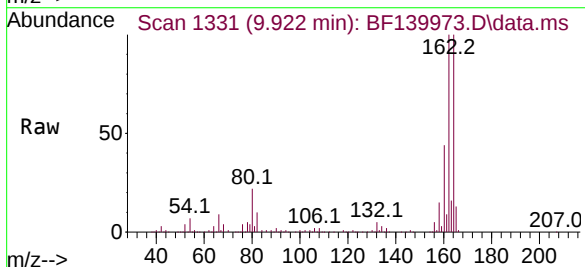
Instrument :
BNA_F
ClientSampleId :
ETGI-345

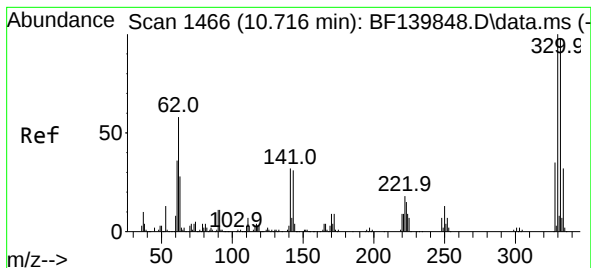
Tgt Ion: 82 Resp: 962374
Ion Ratio Lower Upper
82 100
128 44.5 33.4 50.0
54 56.0 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion: 164 Resp: 268595
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.357 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139973.D

Acq: 23 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

ETGI-345

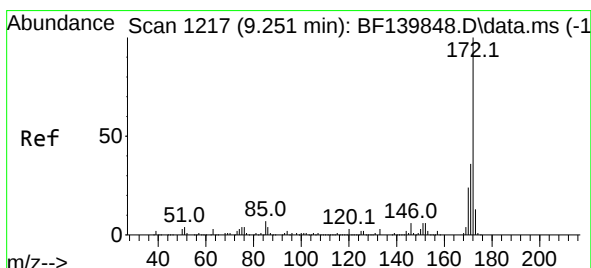
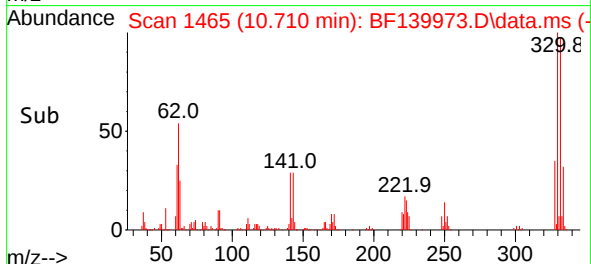
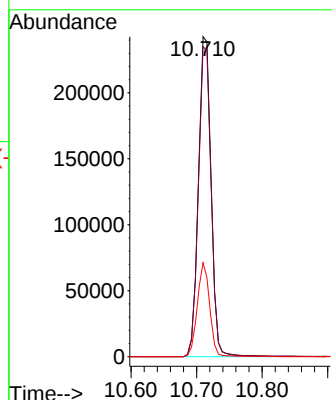
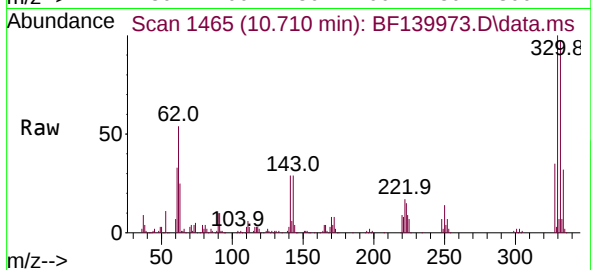
Tgt Ion:330 Resp: 327504

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 28.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 96.920 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139973.D

Acq: 23 Oct 2024 19:25

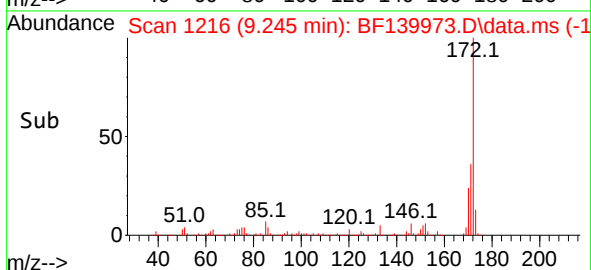
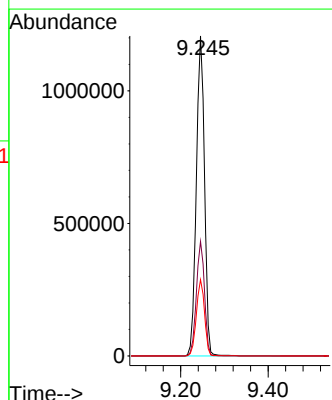
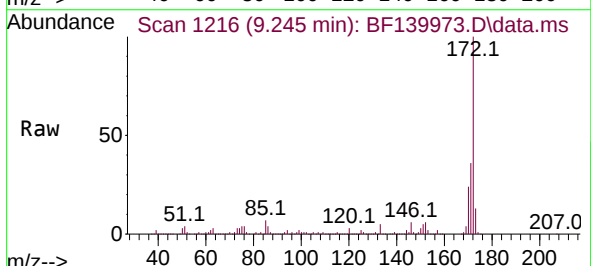
Tgt Ion:172 Resp: 1575128

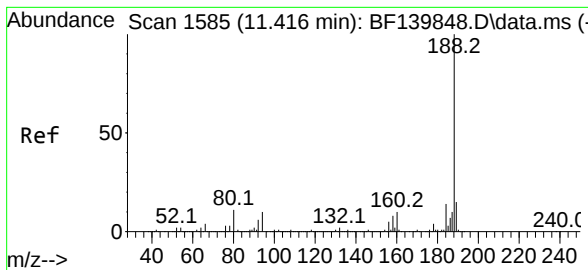
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7

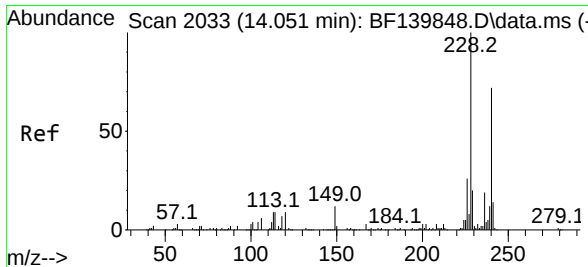
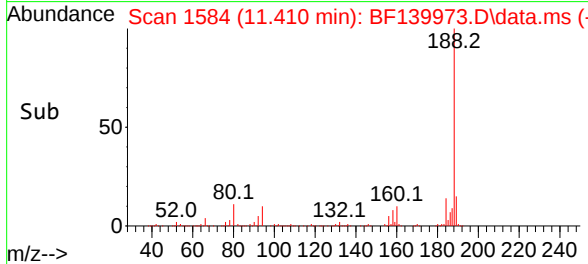
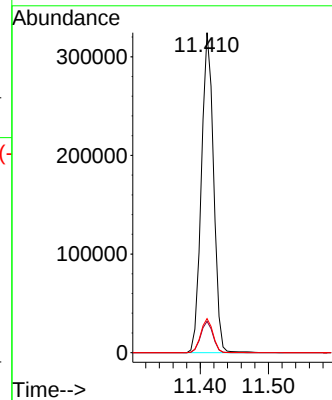
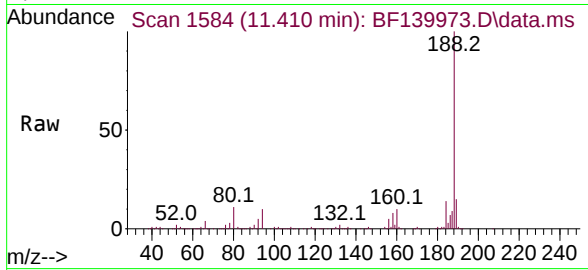




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

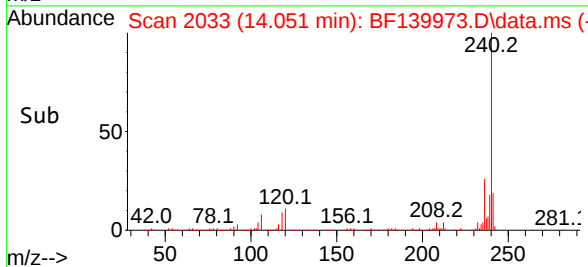
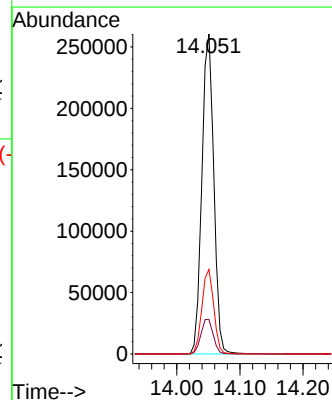
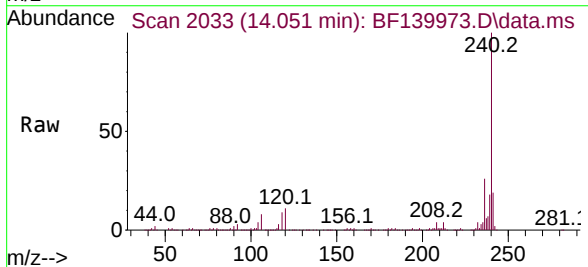
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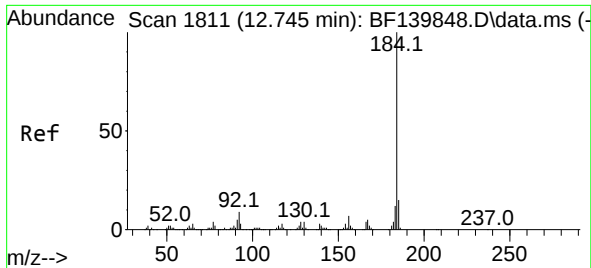
Tgt Ion:188 Resp: 403583
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:240 Resp: 340738
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.4 20.9 31.3

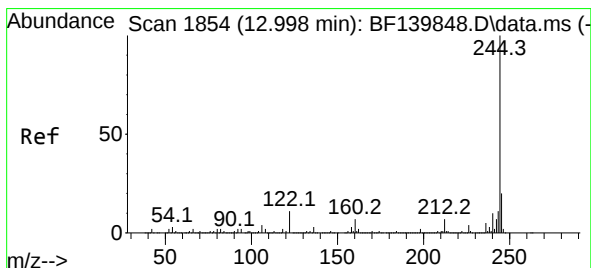
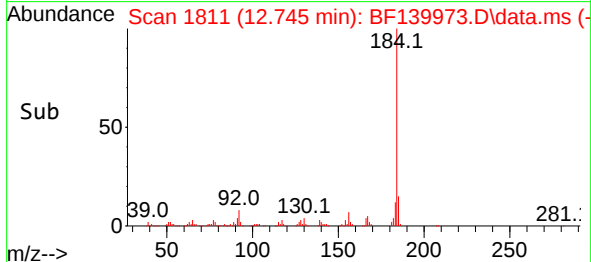
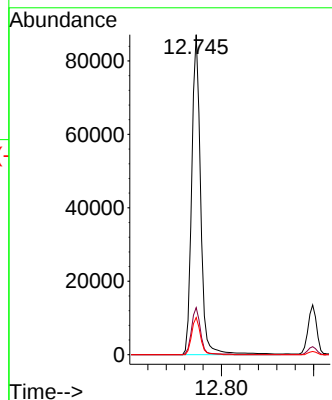
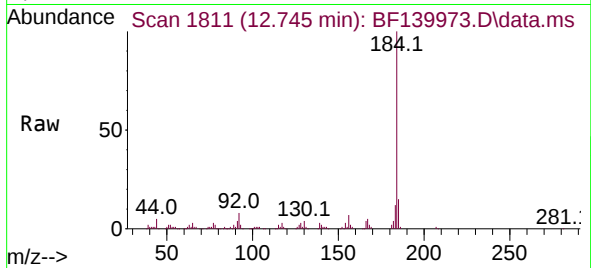




#77
Benzidine
Concen: 20.904 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

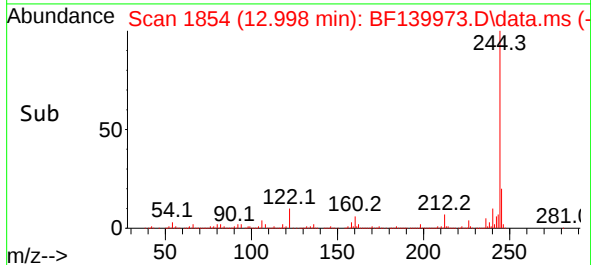
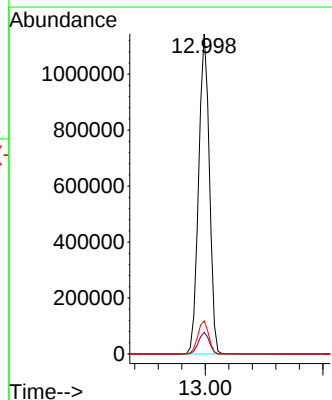
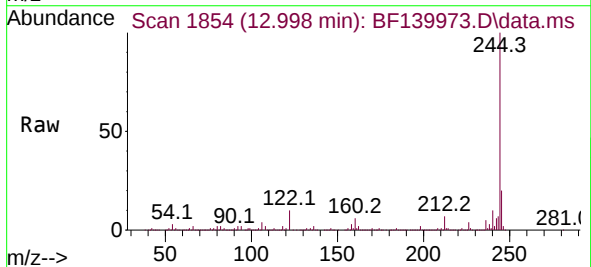
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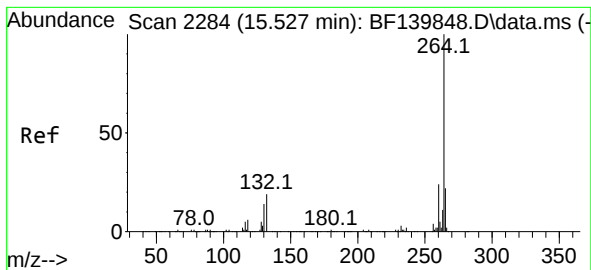
Tgt Ion:184 Resp: 117123
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.6 9.4 14.2



#79
Terphenyl-d14
Concen: 69.379 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:244 Resp: 1450770
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.3 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139973.D

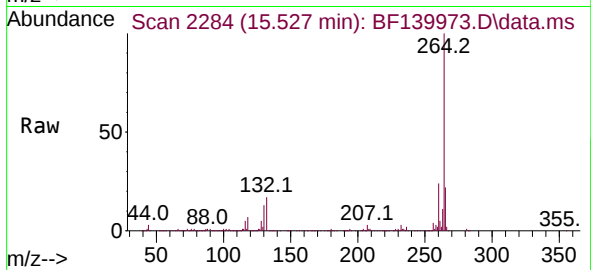
Acq: 23 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

ETGI-345



Tgt Ion:264 Resp: 309184

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.7 17.4 26.0

