

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140171.D
 Acq On : 30 Oct 2024 21:17
 Operator : RC/JU
 Sample : P4594-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F16

Quant Time: Nov 01 02:19:39 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	79642	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	271621	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	124516	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	233799	20.000	ng	0.00
76) Chrysene-d12	14.068	240	205973	20.000	ng	0.02
86) Perylene-d12	15.568	264	145782	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	399529	78.534	ng	0.00
7) Phenol-d6	6.504	99	484045	73.463	ng	0.00
23) Nitrobenzene-d5	7.439	82	275281	56.170	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	106705	91.617	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	404102	53.636	ng	-0.01
79) Terphenyl-d14	13.010	244	519078	41.065	ng	0.01

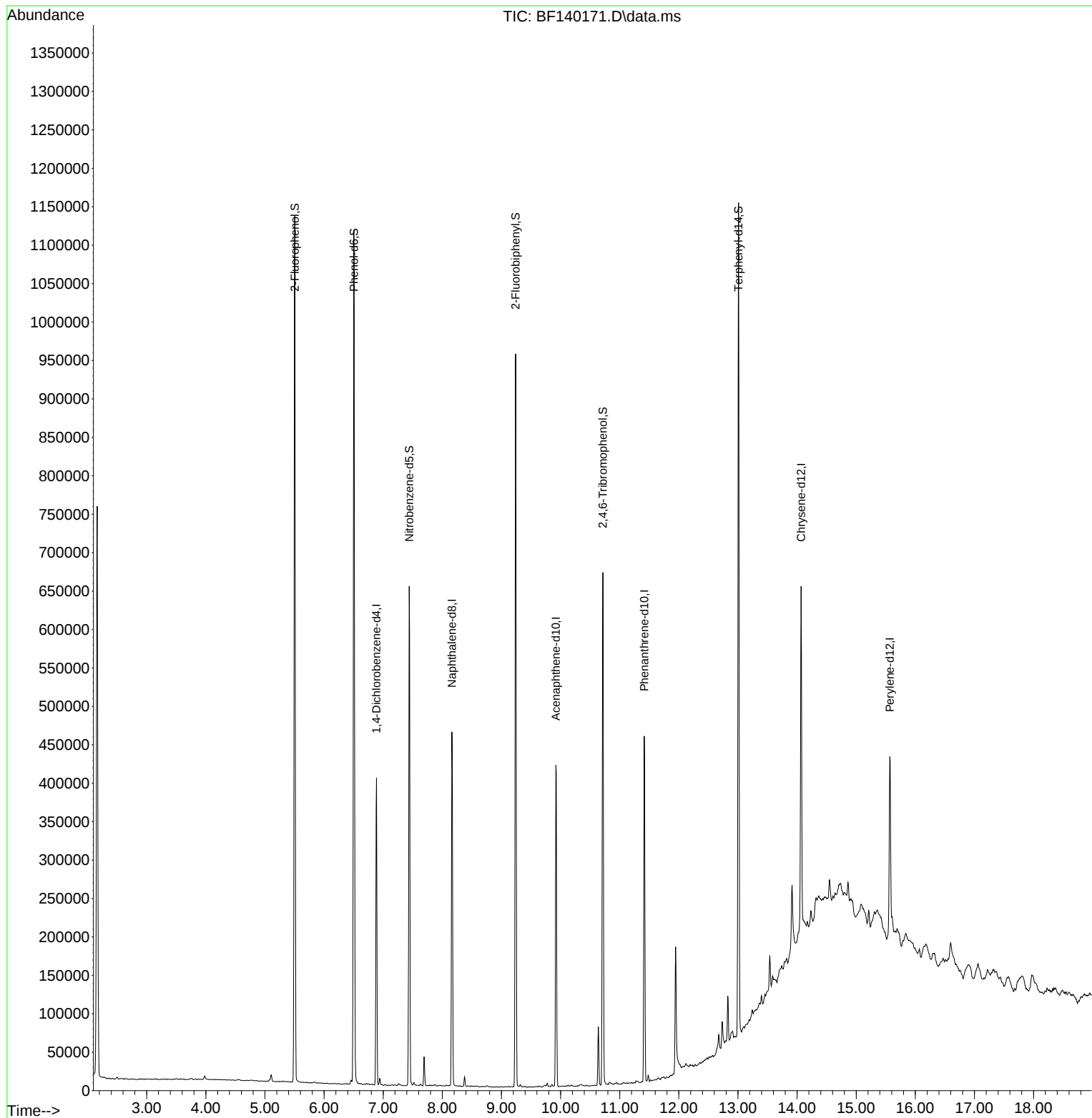
Target Compounds	Qvalue

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

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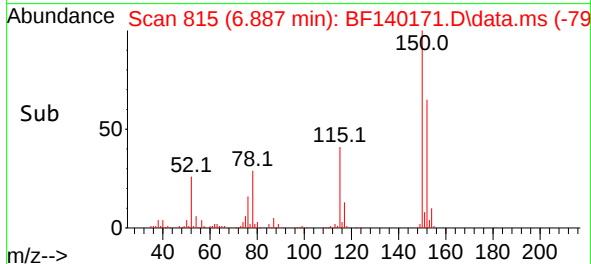
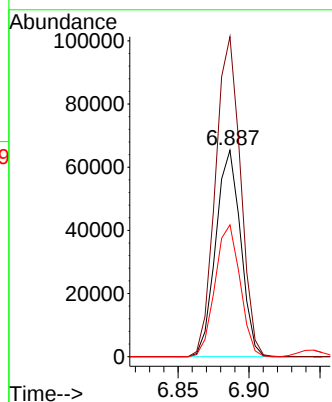
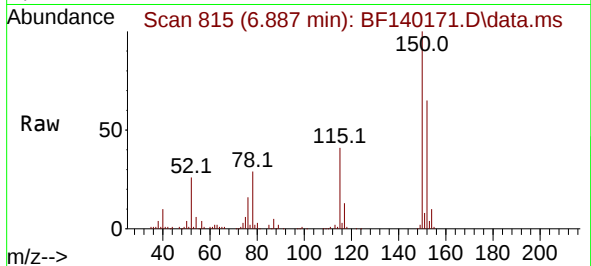




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140171.D
Acq: 30 Oct 2024 21:17

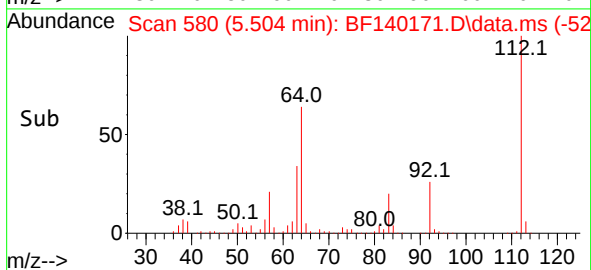
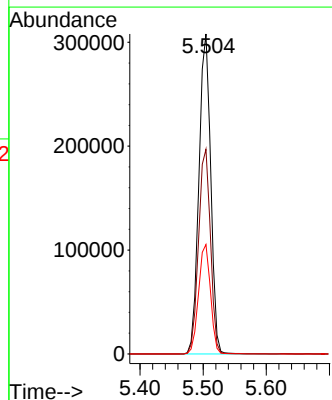
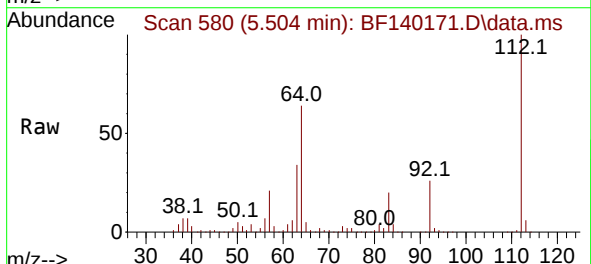
Instrument :
BNA_F
ClientSampleId :
BP-F16

Tgt Ion:152 Resp: 79642
Ion Ratio Lower Upper
152 100
150 155.0 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 78.534 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140171.D
Acq: 30 Oct 2024 21:17

Tgt Ion:112 Resp: 399529
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 34.2 27.0 40.4

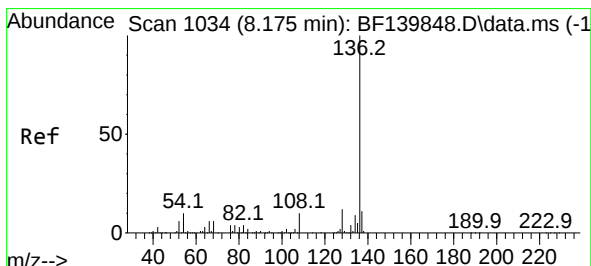
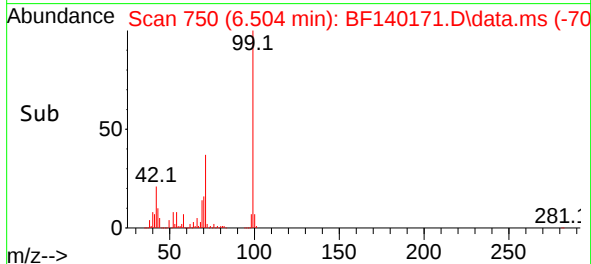
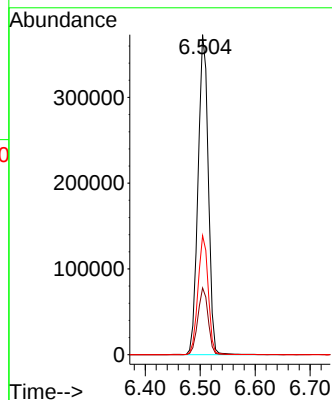
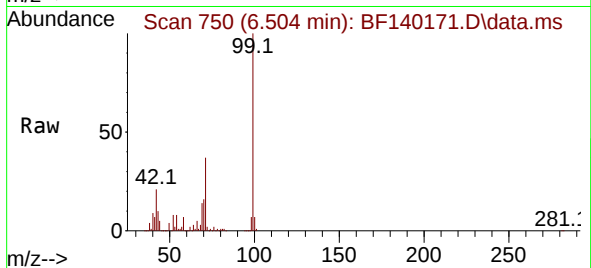




#7
Phenol-d6
Concen: 73.463 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140171.D
Acq: 30 Oct 2024 21:17

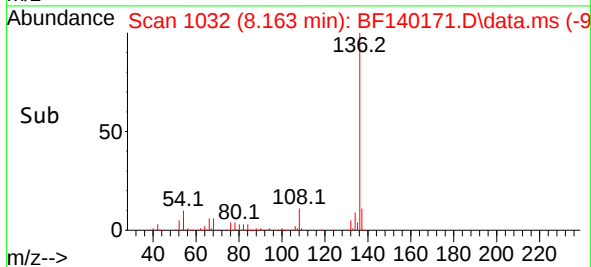
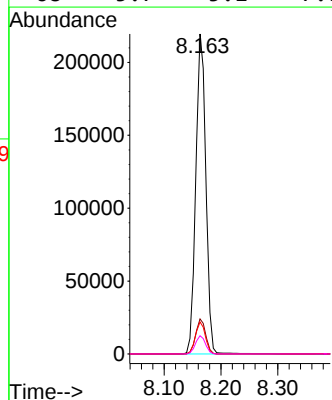
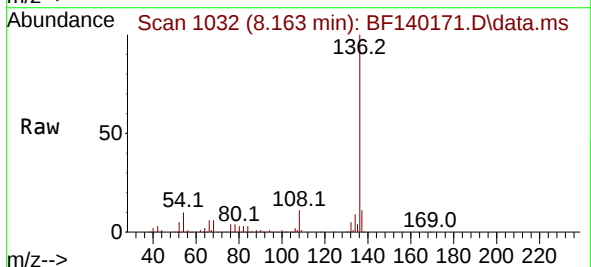
Instrument :
BNA_F
ClientSampleId :
BP-F16

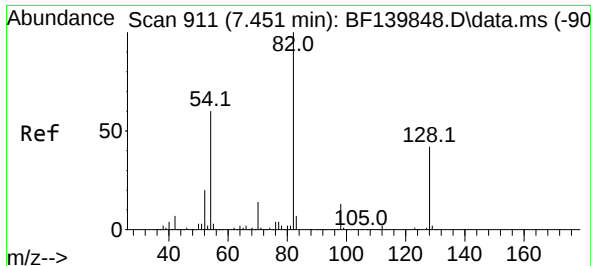
Tgt Ion: 99 Resp: 484045
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 37.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140171.D
Acq: 30 Oct 2024 21:17

Tgt Ion: 136 Resp: 271621
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 56.170 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140171.D

Acq: 30 Oct 2024 21:17

Instrument :

BNA_F

ClientSampleId :

BP-F16

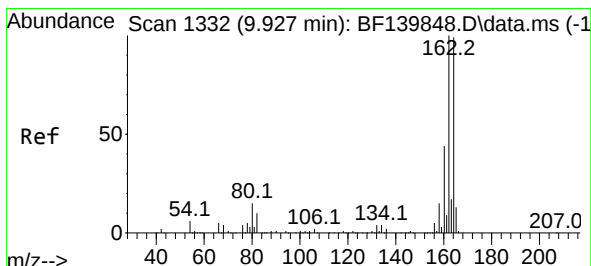
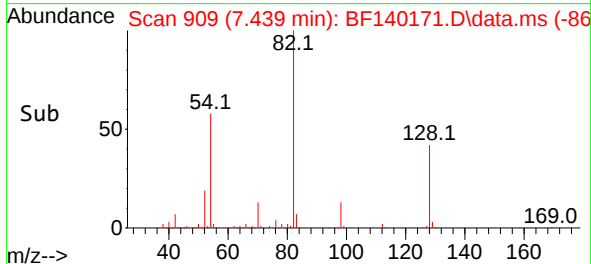
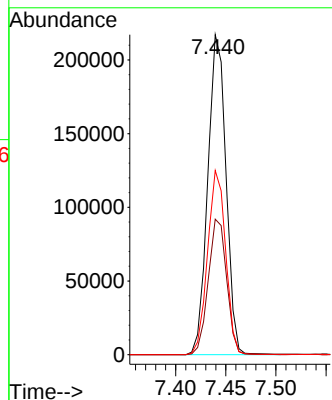
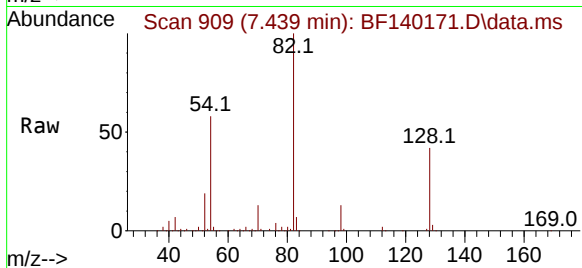
Tgt Ion: 82 Resp: 275281

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 57.5 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: BF140171.D

Acq: 30 Oct 2024 21:17

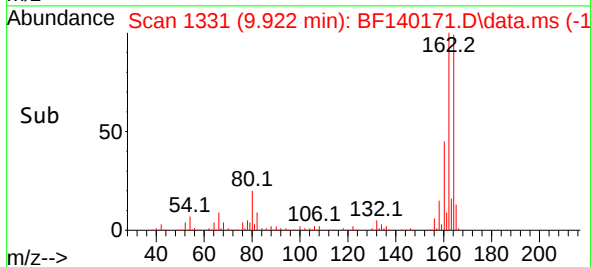
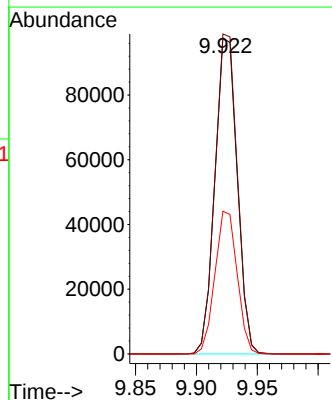
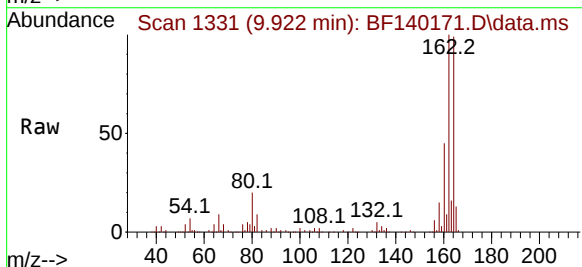
Tgt Ion: 164 Resp: 124516

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 91.617 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140171.D

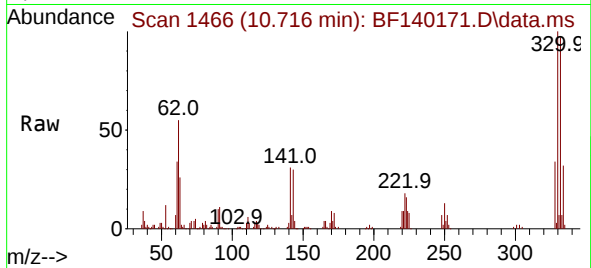
Acq: 30 Oct 2024 21:17

Instrument :

BNA_F

ClientSampleId :

BP-F16



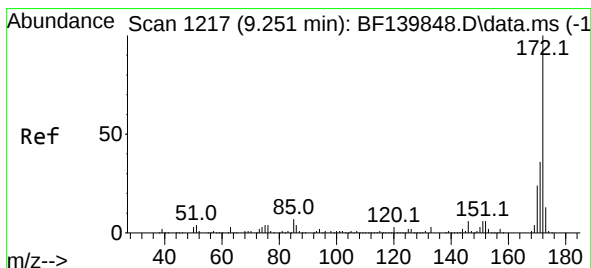
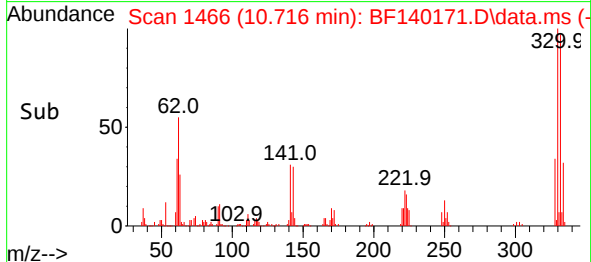
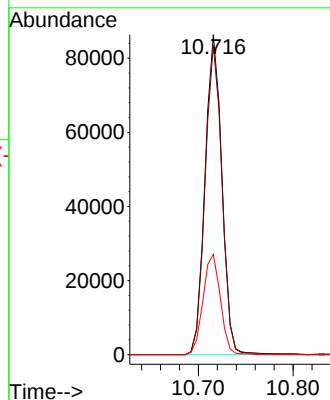
Tgt Ion:330 Resp: 106705

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 53.636 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140171.D

Acq: 30 Oct 2024 21:17

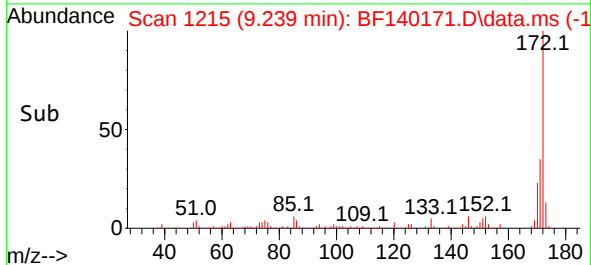
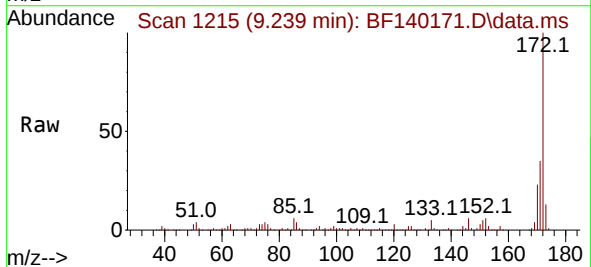
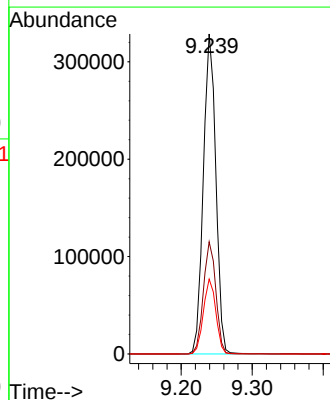
Tgt Ion:172 Resp: 404102

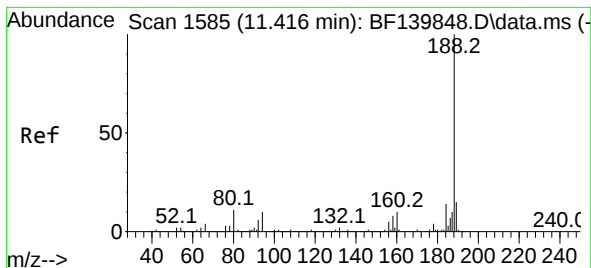
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140171.D

Acq: 30 Oct 2024 21:17

Instrument :

BNA_F

ClientSampleId :

BP-F16

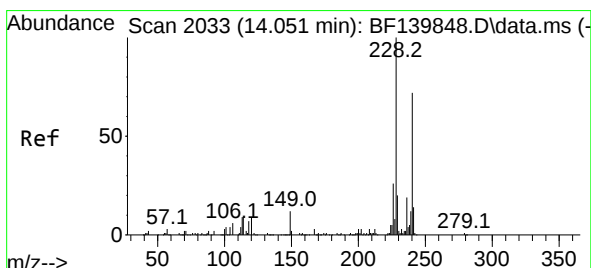
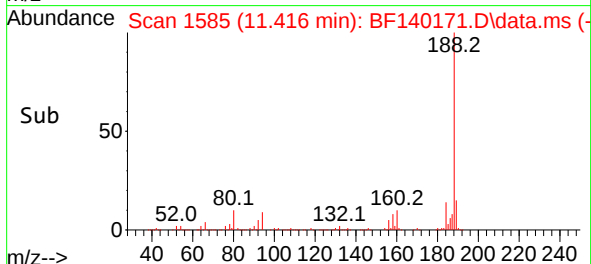
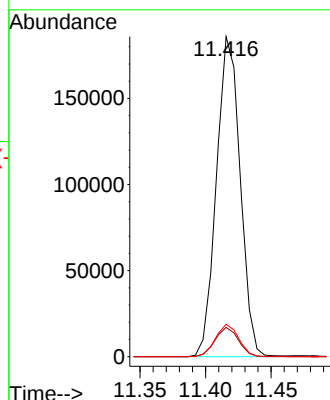
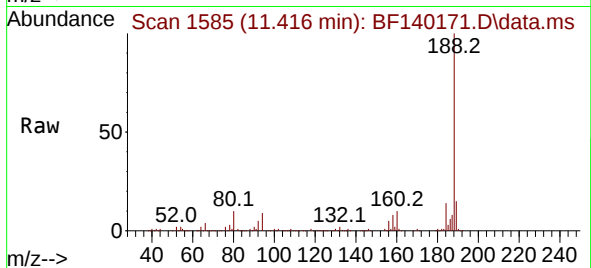
Tgt Ion:188 Resp: 233799

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 10.1 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: BF140171.D

Acq: 30 Oct 2024 21:17

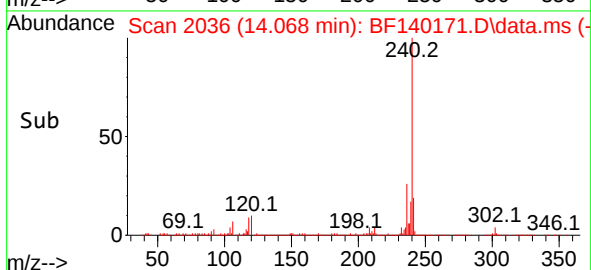
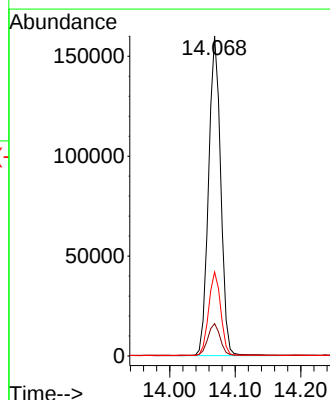
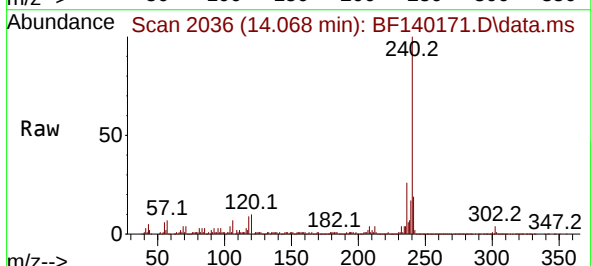
Tgt Ion:240 Resp: 205973

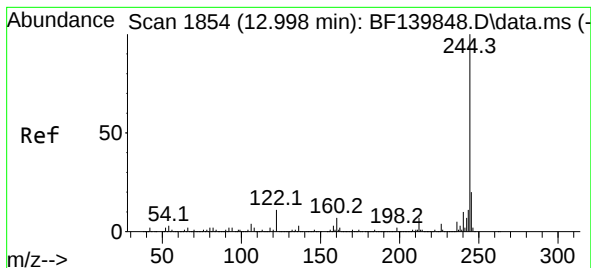
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 41.065 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140171.D

Acq: 30 Oct 2024 21:17

Instrument :

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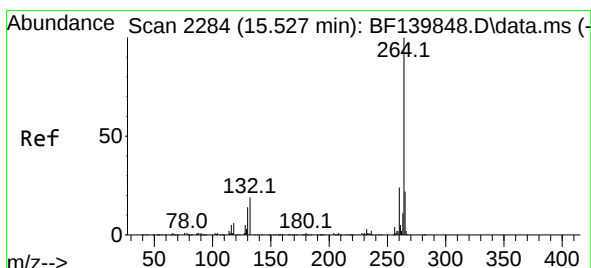
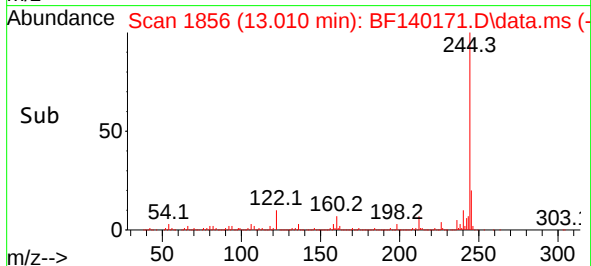
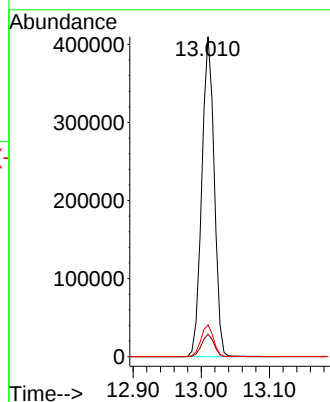
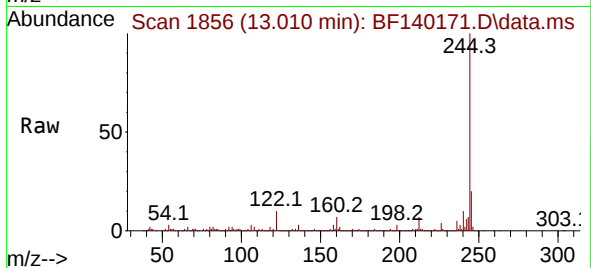
Tgt Ion:244 Resp: 519078

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140171.D

Acq: 30 Oct 2024 21:17

Tgt Ion:264 Resp: 145782

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.5 17.4 26.0

