

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139598.D
 Acq On : 02 Oct 2024 11:10
 Operator : RC/JU
 Sample : PB163811BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BL

Quant Time: Oct 02 11:32:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93088	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	363268	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	211278	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	432501	20.000	ng	0.00
76) Chrysene-d12	14.027	240	300819	20.000	ng	0.00
86) Perylene-d12	15.498	264	234905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	773795	144.076	ng	0.01
7) Phenol-d6	6.498	99	1031019	142.751	ng	0.00
23) Nitrobenzene-d5	7.428	82	683417	95.251	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	292801	143.562	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1290034	93.736	ng	0.00
79) Terphenyl-d14	12.980	244	1642917	89.614	ng	0.00

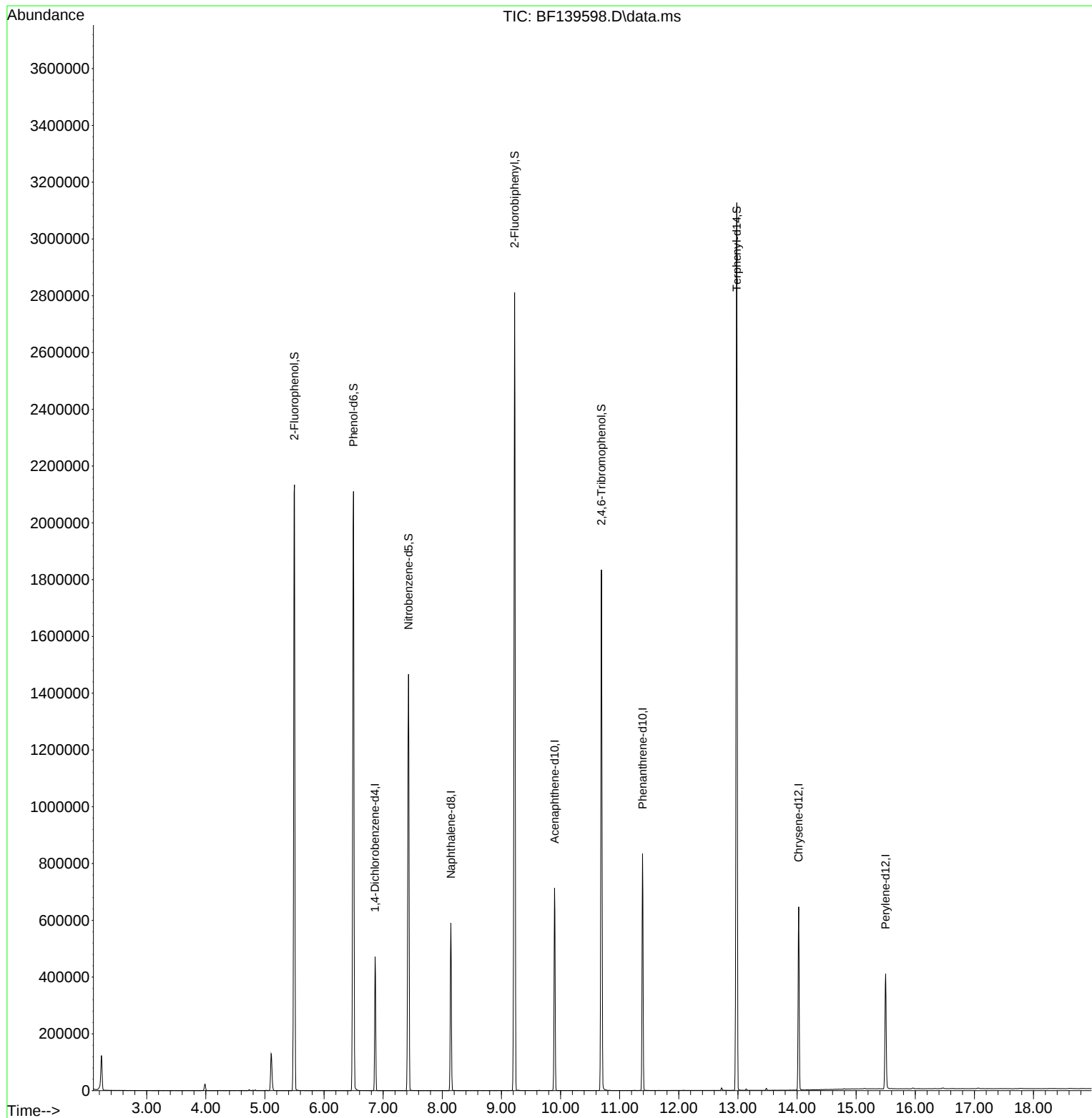
Target Compounds	Qvalue

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

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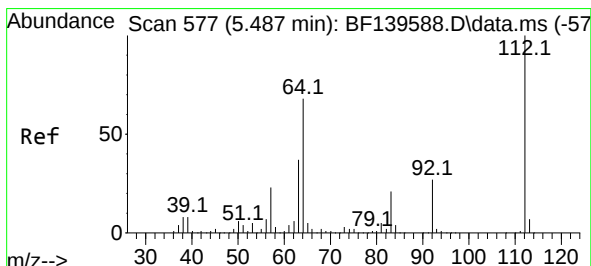
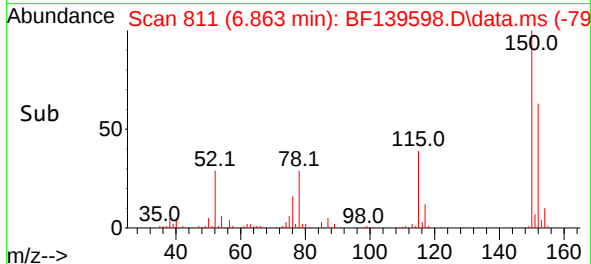
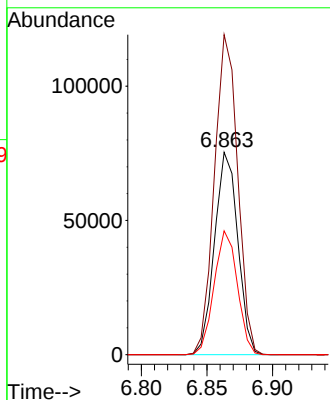
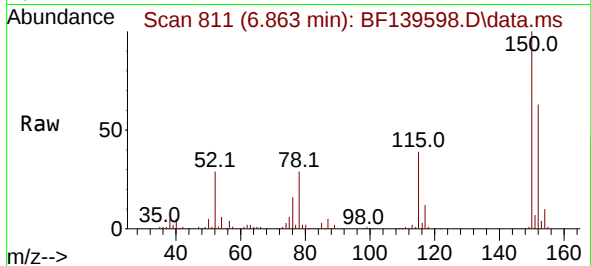




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

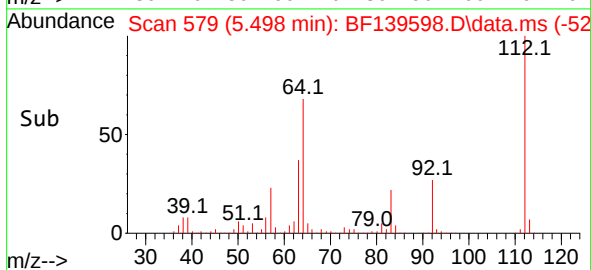
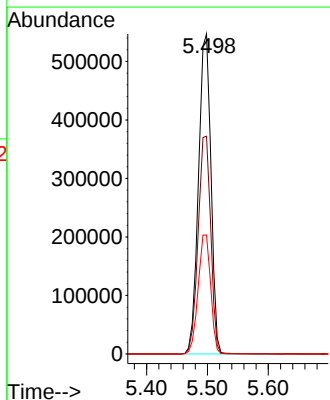
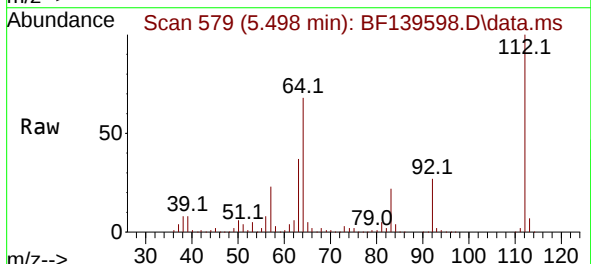
Instrument :
BNA_F
ClientSampleId :
PB163811BL

Tgt Ion:152 Resp: 93088
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 144.076 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

Tgt Ion:112 Resp: 773795
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 37.1 29.4 44.2

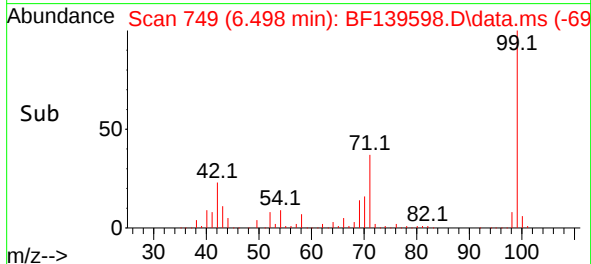
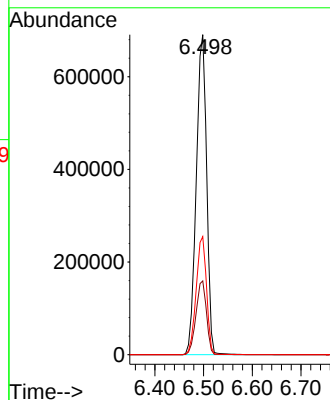
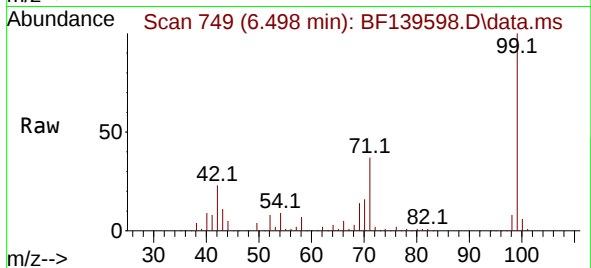




#7
Phenol-d6
Concen: 142.751 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

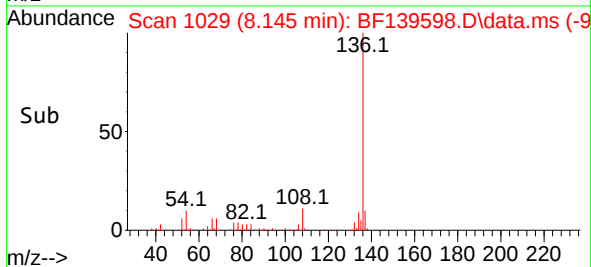
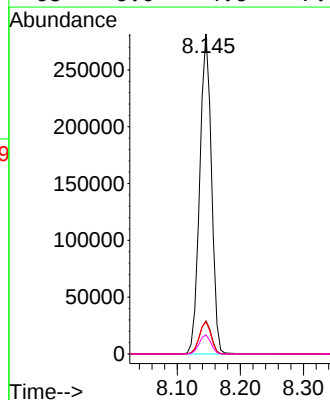
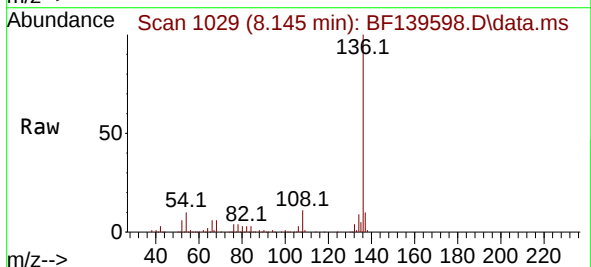
Instrument :
BNA_F
ClientSampleId :
PB163811BL

Tgt Ion: 99 Resp: 1031019
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.9 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

Tgt Ion: 136 Resp: 363268
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.0 8.3 12.5
68 6.0 4.6 7.0

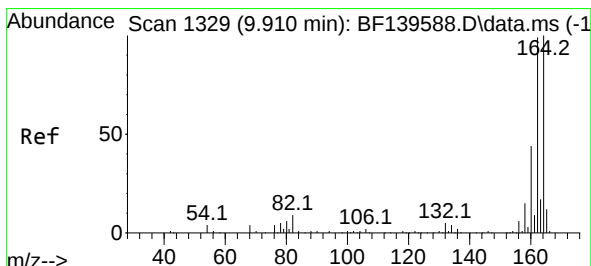
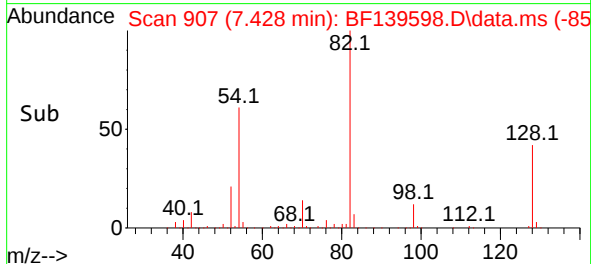
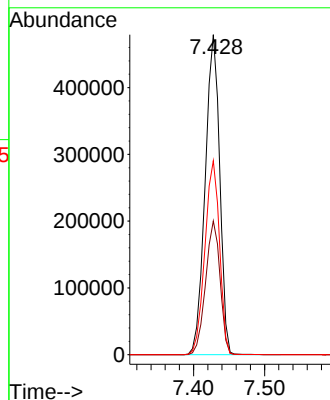
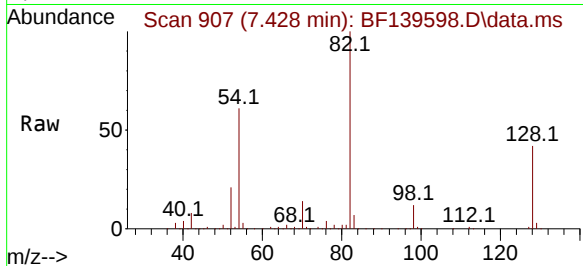




#23
 Nitrobenzene-d5
 Concen: 95.251 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139598.D
 Acq: 02 Oct 2024 11:10

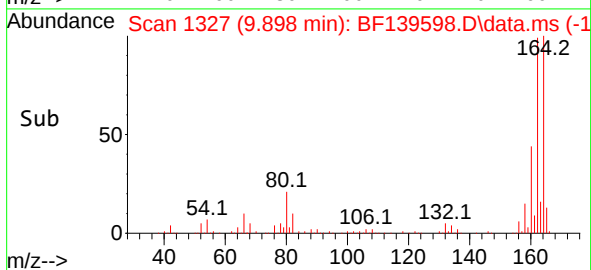
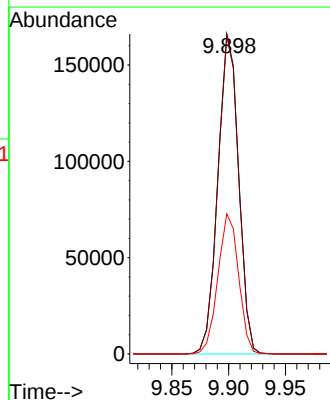
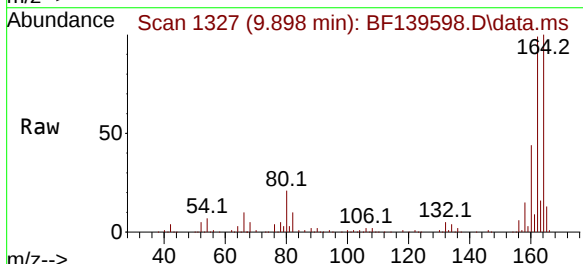
Instrument :
 BNA_F
 ClientSampleId :
 PB163811BL

Tgt Ion: 82 Resp: 683417
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.4 48.6
 54 60.6 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.012 min
 Lab File: BF139598.D
 Acq: 02 Oct 2024 11:10

Tgt Ion:164 Resp: 211278
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.4 119.0
 160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 143.562 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139598.D

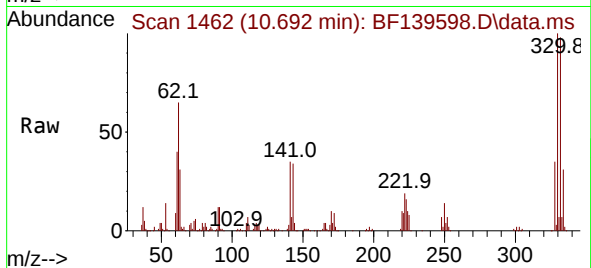
Acq: 02 Oct 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB163811BL



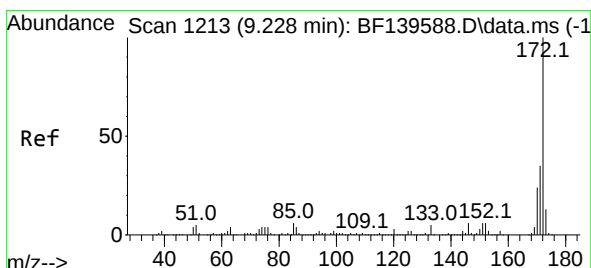
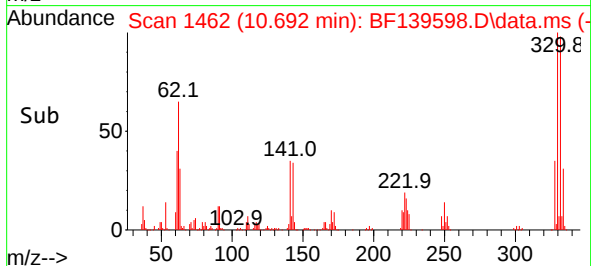
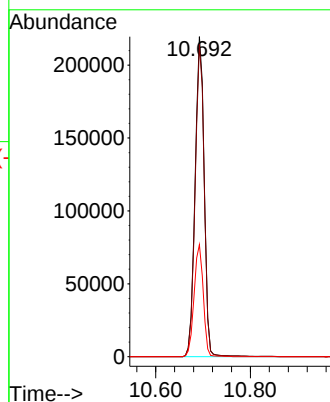
Tgt Ion:330 Resp: 292801

Ion Ratio Lower Upper

330 100

332 96.6 76.5 114.7

141 35.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 93.736 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

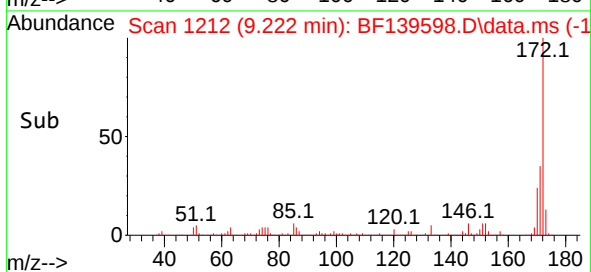
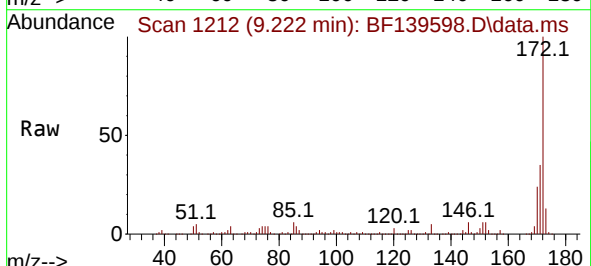
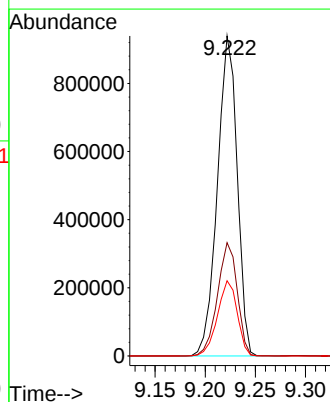
Tgt Ion:172 Resp: 1290034

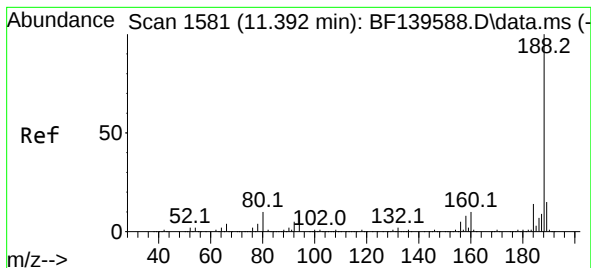
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB163811BL

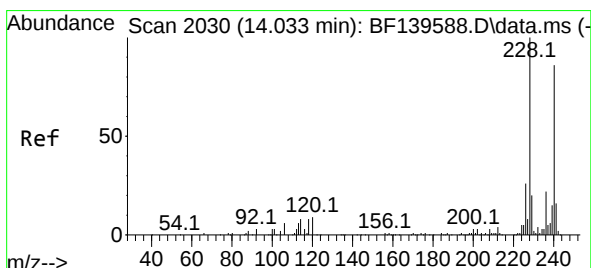
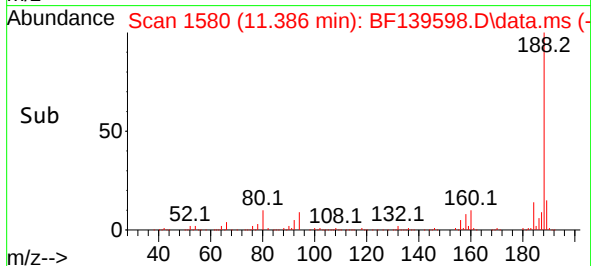
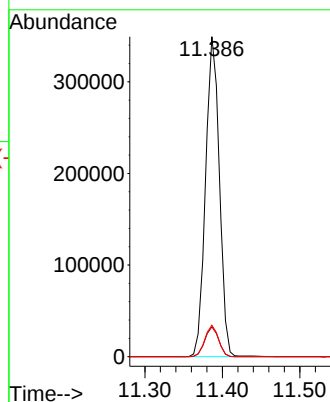
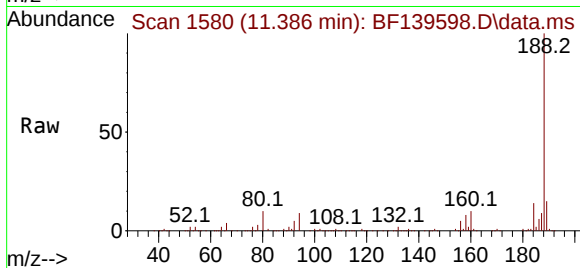
Tgt Ion:188 Resp: 432501

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.8 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

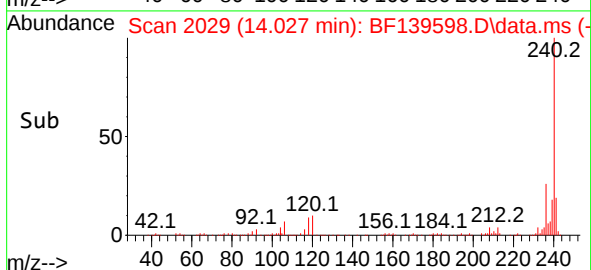
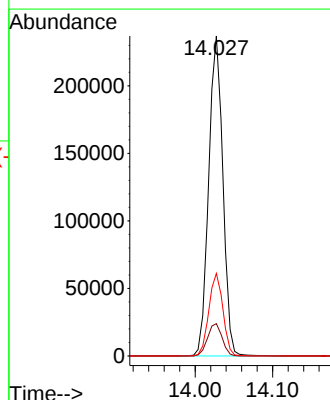
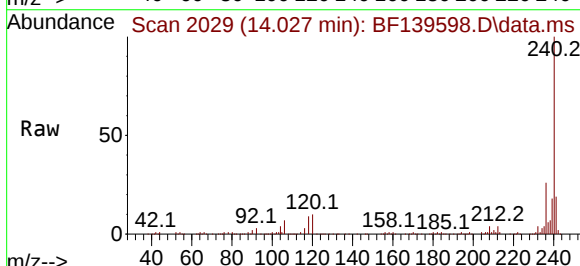
Tgt Ion:240 Resp: 300819

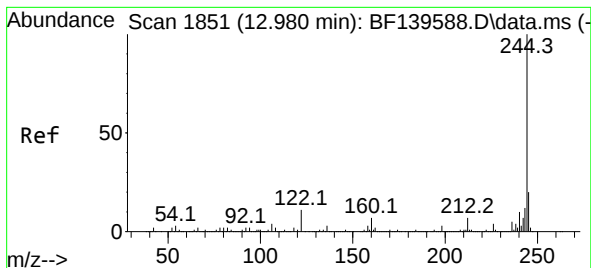
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 89.614 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Instrument :

BNA_F

ClientSampleId :

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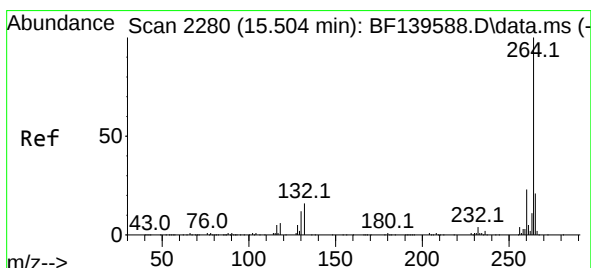
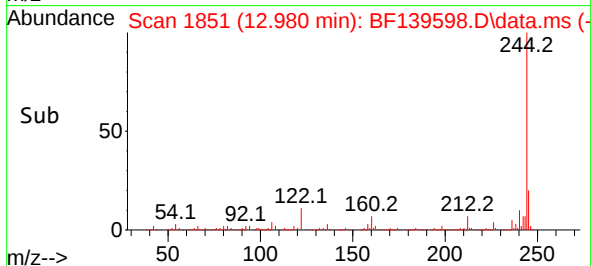
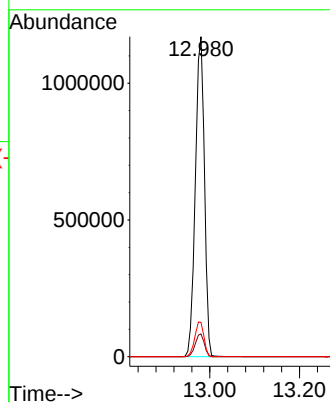
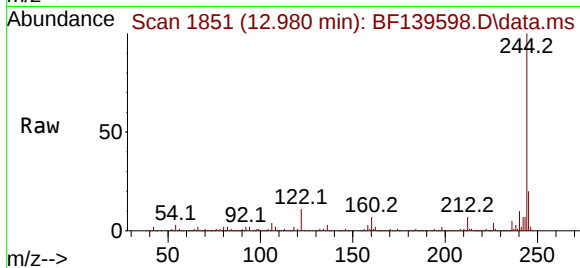
Tgt Ion:244 Resp: 1642917

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Tgt Ion:264 Resp: 234905

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.9 16.9 25.3

