

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139603.D
 Acq On : 02 Oct 2024 13:36
 Operator : RC/JU
 Sample : P4190-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Quant Time: Oct 02 14:10:56 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)

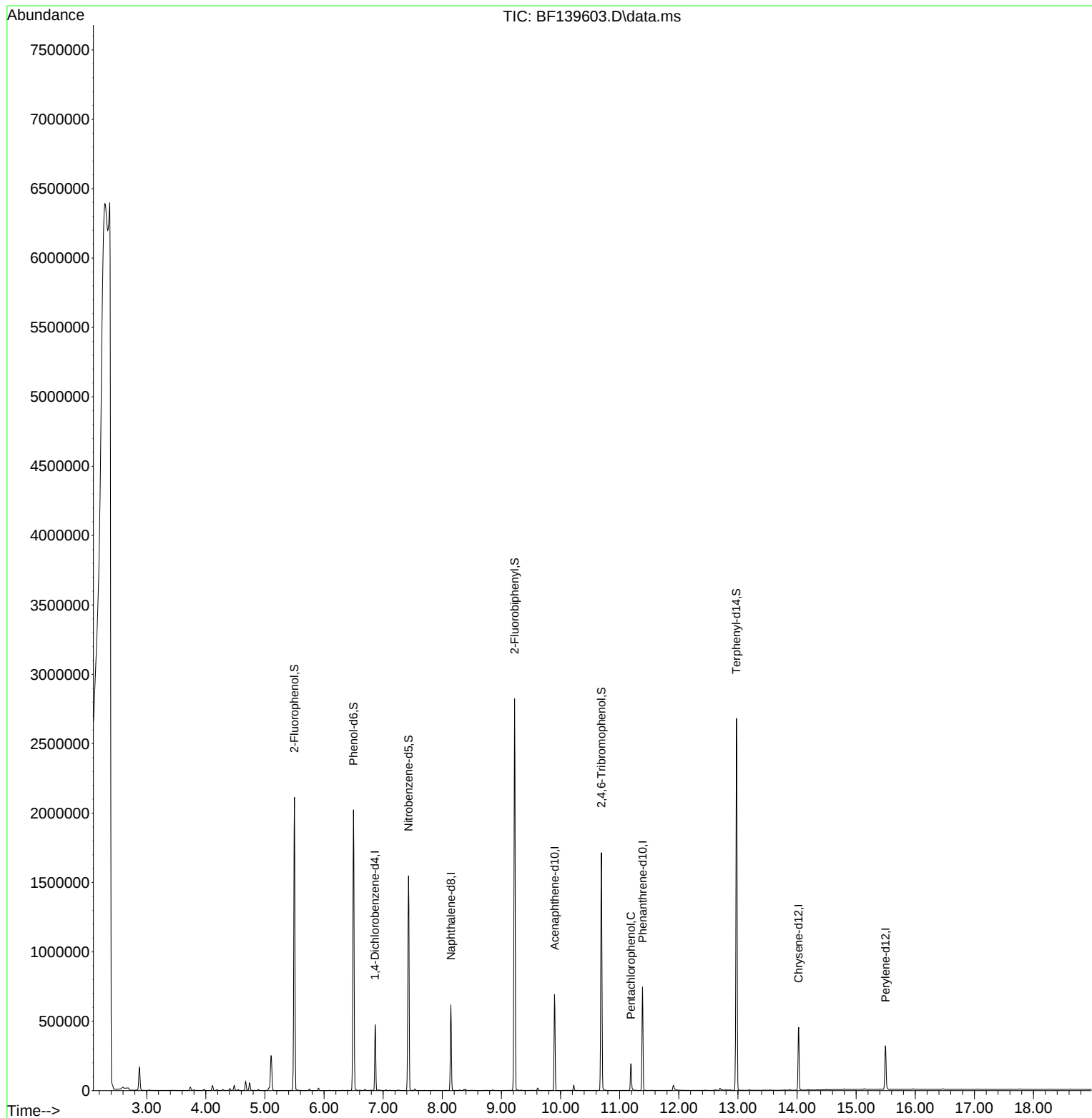
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	94894	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	361148	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	201851	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	381500	20.000	ng	0.00
76) Chrysene-d12	14.027	240	211227	20.000	ng	0.00
86) Perylene-d12	15.498	264	183261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	736831	134.583	ng	0.01
7) Phenol-d6	6.498	99	924536	125.572	ng	0.00
23) Nitrobenzene-d5	7.428	82	697134	97.733	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	274495	140.872	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1252418	95.253	ng	0.00
79) Terphenyl-d14	12.975	244	1352214	105.041	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.192	266	33881	13.109	ng	Qvalue 98

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

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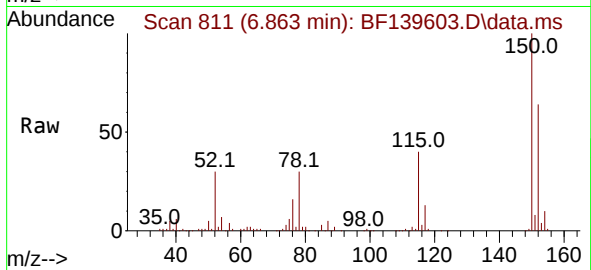
Quant Time: Oct 02 14:10:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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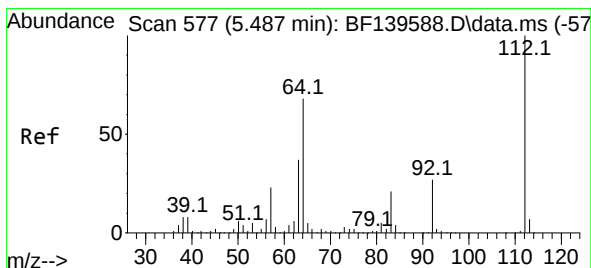
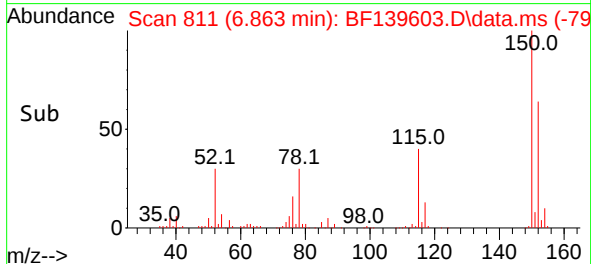
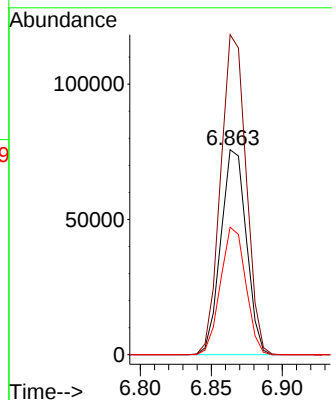


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
TP-T

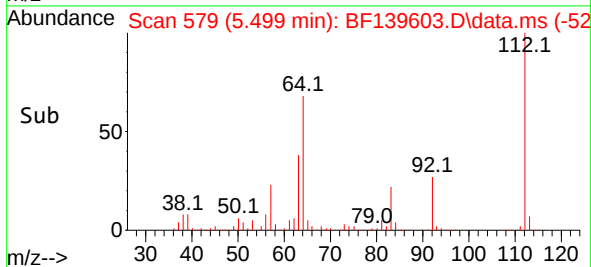
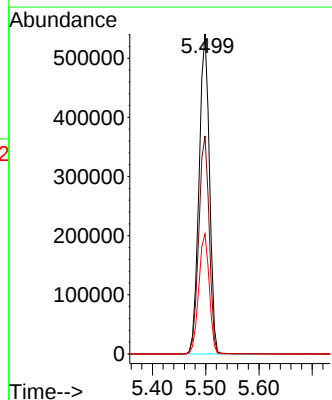
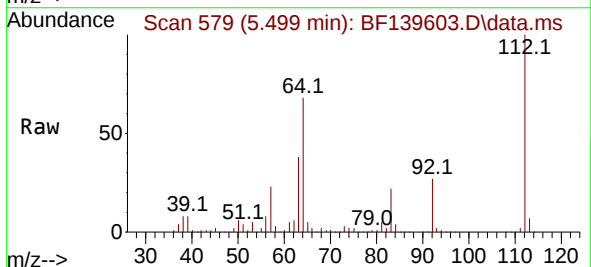


Tgt Ion:152 Resp: 94894
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 134.583 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:112 Resp: 736831
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.5 29.4 44.2





#7

Phenol-d6

Concen: 125.572 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T

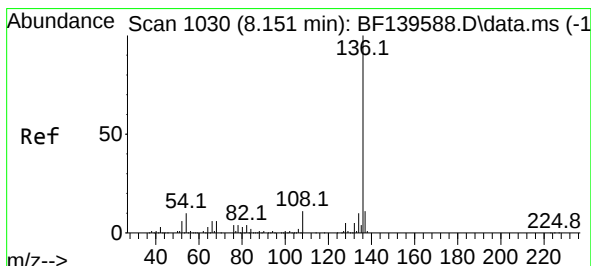
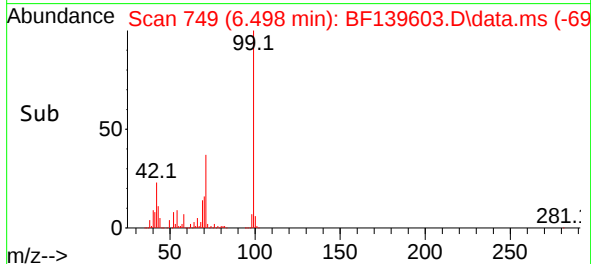
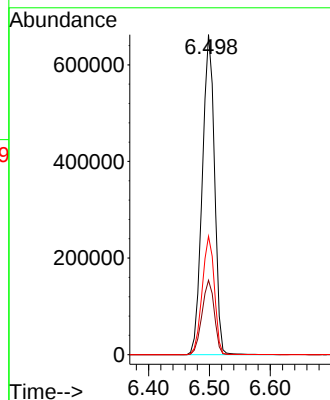
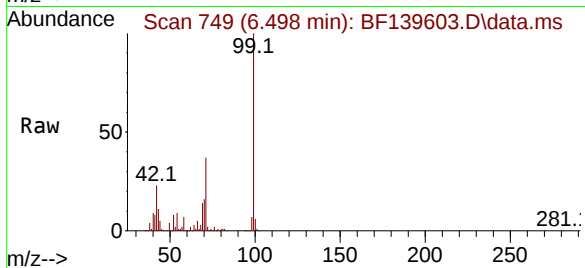
Tgt Ion: 99 Resp: 924536

Ion Ratio Lower Upper

99 100

42 23.2 19.1 28.7

71 37.0 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: BF139603.D

Acq: 02 Oct 2024 13:36

Tgt Ion: 136 Resp: 361148

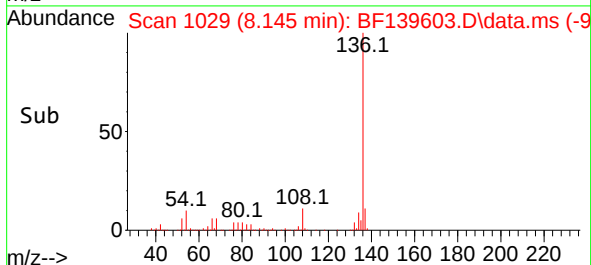
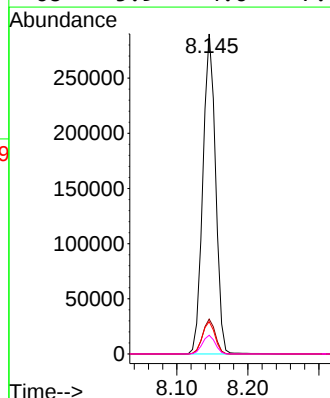
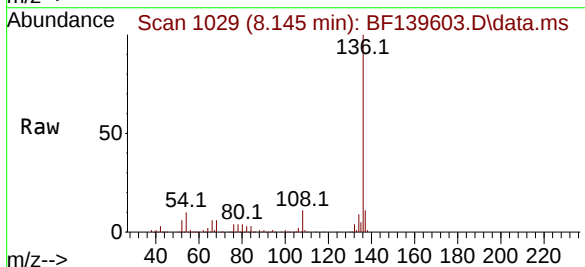
Ion Ratio Lower Upper

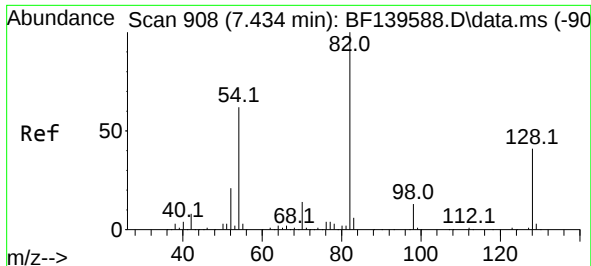
136 100

137 10.9 8.6 13.0

54 10.1 8.3 12.5

68 5.9 4.6 7.0

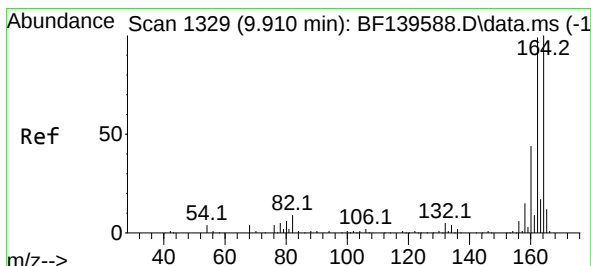
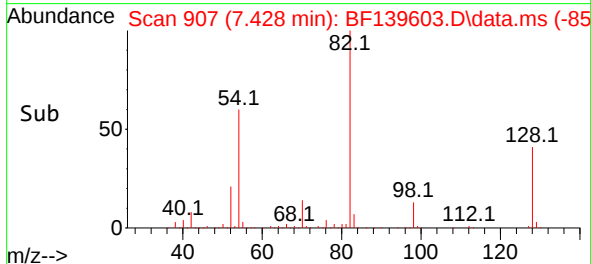
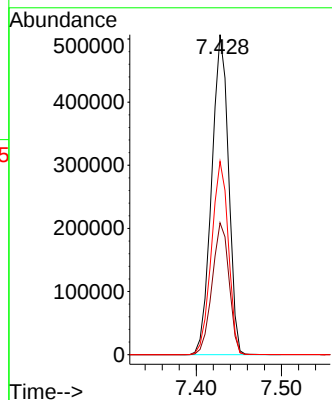
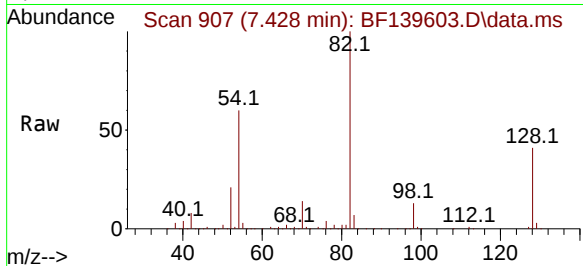




#23
Nitrobenzene-d5
Concen: 97.733 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139603.D
Acq: 02 Oct 2024 13:36

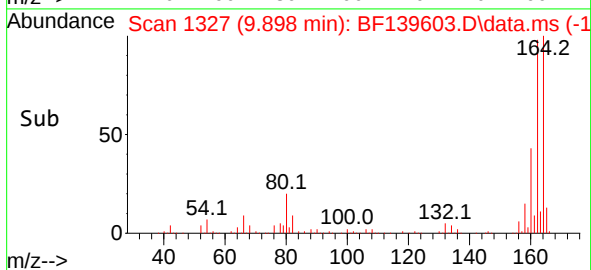
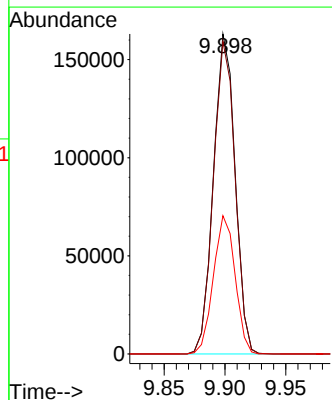
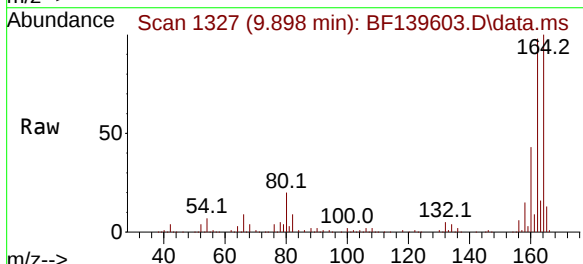
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion: 82 Resp: 697134
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 60.4 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: BF139603.D
Acq: 02 Oct 2024 13:36

Tgt Ion:164 Resp: 201851
Ion Ratio Lower Upper
164 100
162 97.7 79.4 119.0
160 43.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 140.872 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139603.D

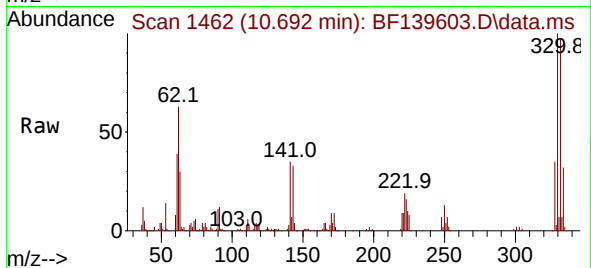
Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T



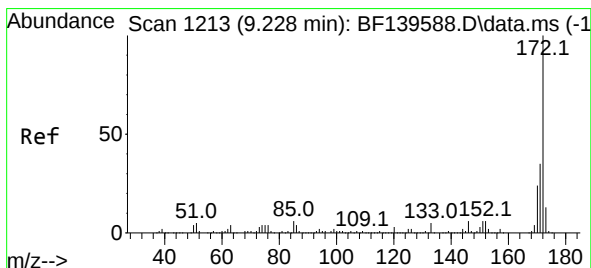
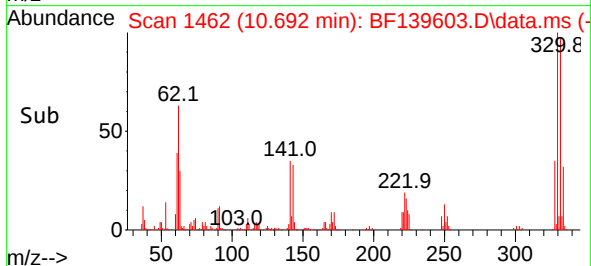
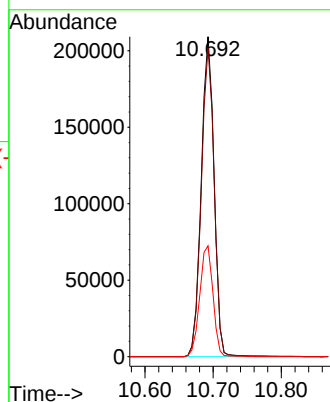
Tgt Ion:330 Resp: 274495

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 35.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 95.253 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

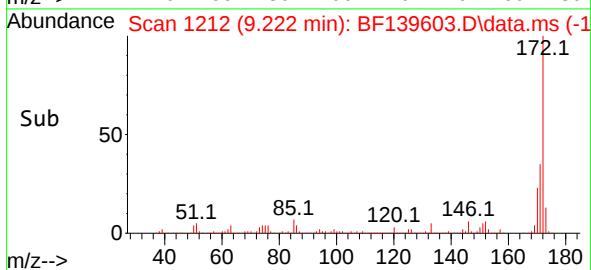
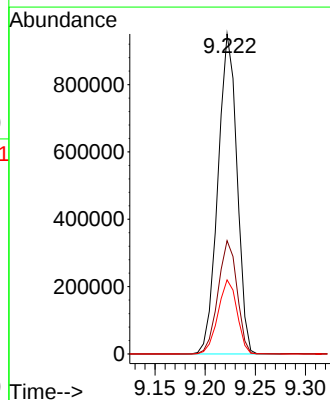
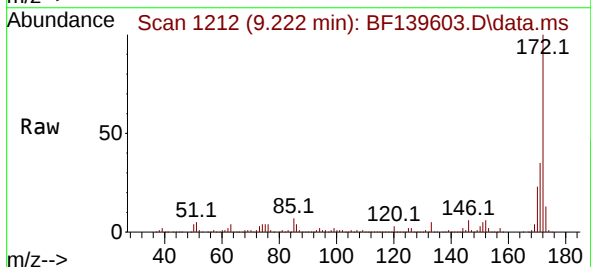
Tgt Ion:172 Resp: 1252418

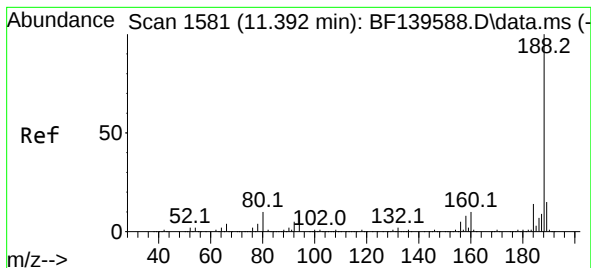
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T

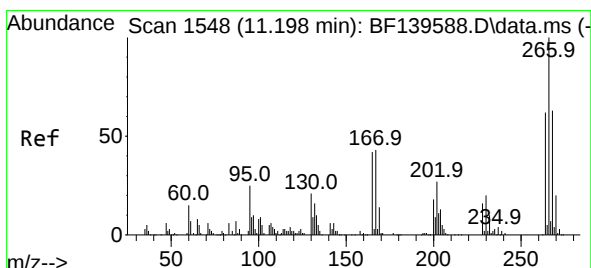
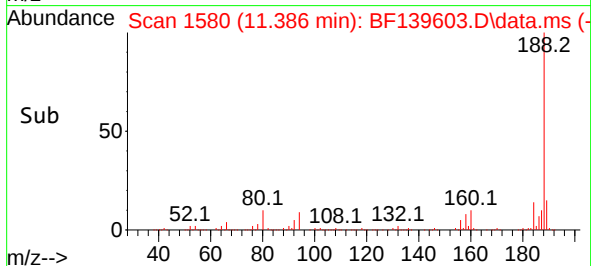
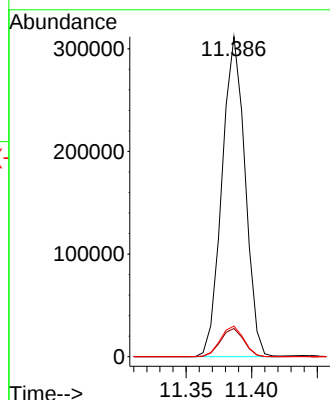
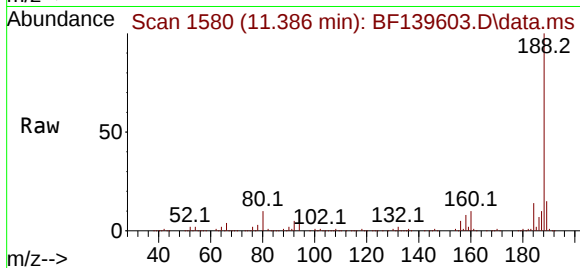
Tgt Ion:188 Resp: 381500

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.5 8.2 12.2



#70

Pentachlorophenol

Concen: 13.109 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

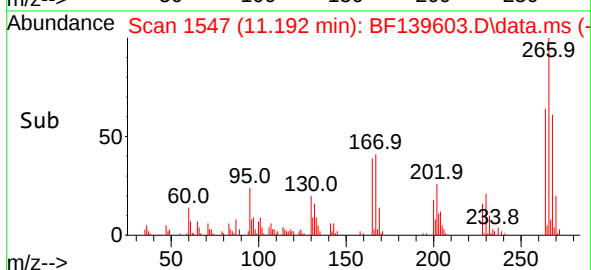
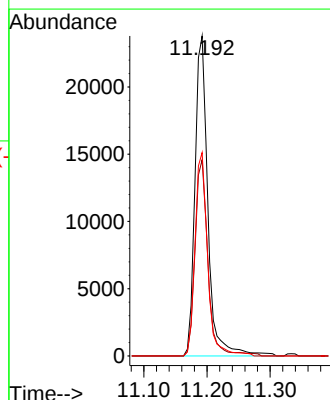
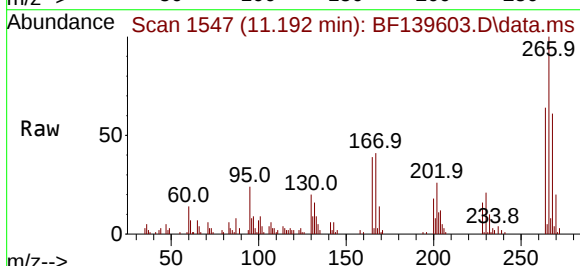
Tgt Ion:266 Resp: 33881

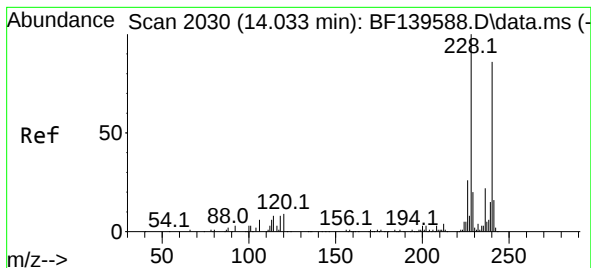
Ion Ratio Lower Upper

266 100

268 61.3 50.0 75.0

264 63.6 49.3 73.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

TP-T

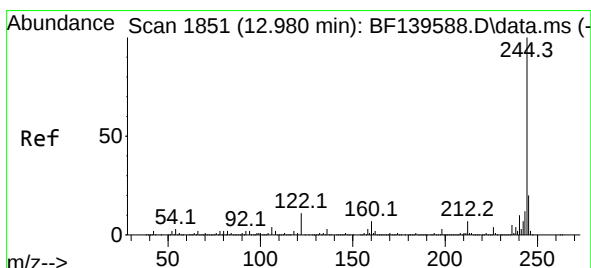
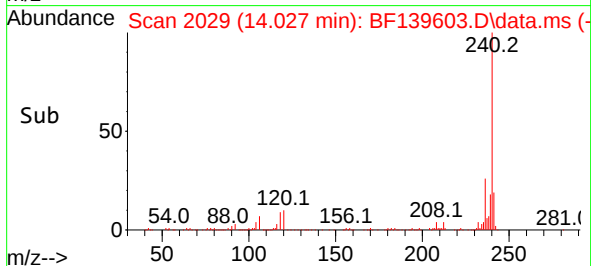
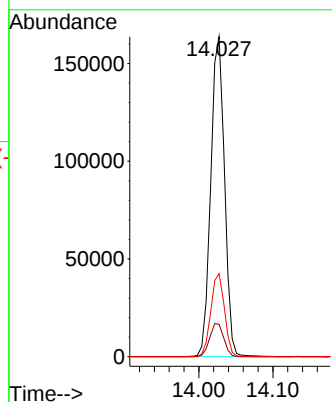
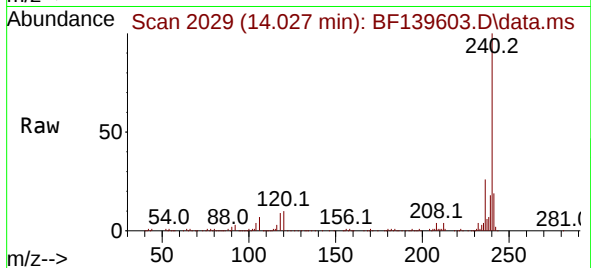
Tgt Ion:240 Resp: 211227

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 105.041 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139603.D

Acq: 02 Oct 2024 13:36

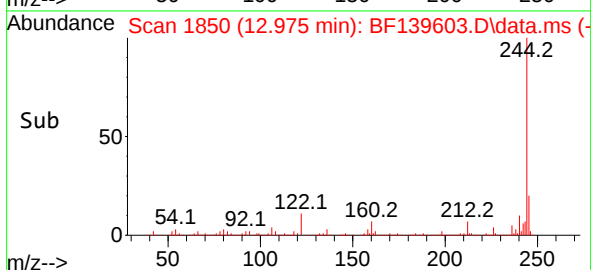
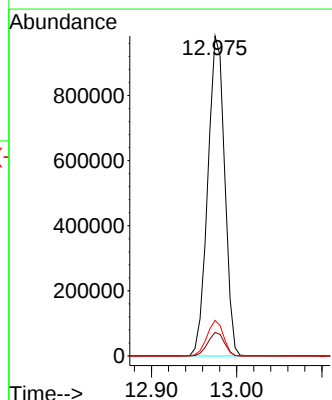
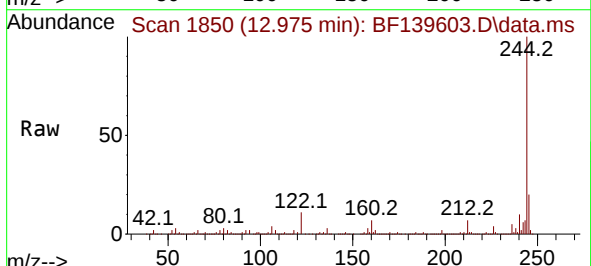
Tgt Ion:244 Resp: 1352214

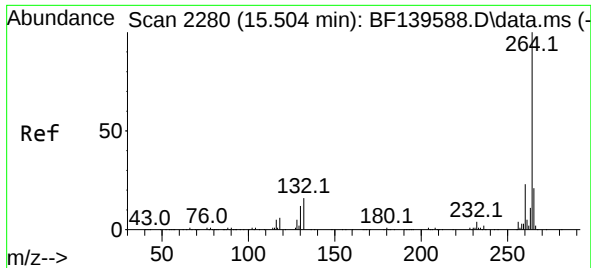
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 11.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139603.D
 Acq: 02 Oct 2024 13:36

Instrument :
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Tgt Ion:264 Resp: 183261
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 16.9 25.3

